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Additional Enviorment Documents may be found at the Florida Department of Enviormental Projects Information Portal.

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DISCLAIMER

All information provided by the Auctioneer is deemed to have been obtained from reliable sources; however, the Auctioneer makes no representations or warranties to its accuracy. It is the Bidder's responsibility to conduct his/her own due diligence, inspect, review and/or analyze each property prior to placing a bid. All sales are pursuant to the property being sold on an "as-is, where-is" basis, with no representations or warranties of any kind, expressed or implied by the Seller and/or Auctioneer.

CONSERVATION EASMENT DOCUMENTS

AGREEMENT TO RUN WITH LAND

File # 2010037701, OR BK 3256 Page 95, Recorded 07/23/2010 at 11:17 AM, Bill Kinsaul, Clerk Bay County, Florida Deputy Clerk GB Trans # 995125

Permit No.: 03-0245341-004-DF

AGREEMENT FOR COVENANT RUNNING WITH THE LAND

In consideration of the permit issued to Laird Point Investors, LLC, c/o: Kathleen McLean ("permittee") and the Florida Department of Environmental Protection's ("Department") acceptance of their promise to enter into this agreement ("Agreement") as part of the reasonable assurances provided in their application for the above designated permit, Laird Point Investors, LLC, c/o: Kathleen McLean and the Department agree as follows:

I. BACKGROUND

1. Laird Point Investors, LLC, c/o: Kathleen McLean has submitted to the Department an application for, and the Department will issue, upon recordation of this Agreement and the completion of other requirements set forth in the Department's Intent to Issue, Permit No. 03-0245341-004-DF (the "permit"), authorizing certain dredging and filling activities on a site located off of Laird Point Drive, unnamed wetlands, prohibited shellfish harvesting area, adjacent to Class II shellfish approved waters of East Bay, Sections 15 & 22, Township 4 South, Range 13 West, Latitude: 30° 7' 60", Longitude: 85° 32' 10", Bay County. The terms and requirements of the permit are incorporated herein by reference.

II. REQUIREMENTS AND ENFORCEABILITY

2. Specific permit conditions require operational, monitoring (non-mitigative), and mitigation activities to offset the dredging and filling impacts associated with the permit and to provide reasonable assurances that water quality standards are maintained. A brief description of the activities to take place follows:

Operational activities:

The project involves the construction of the Laird Point single-family residential development and associated private, residential docking facility as detailed in the attached drawings.

Mitigation activities:

46.8 (+/-) acres of wetlands will be enhanced, 5.5 (+/-) acres of uplands will be enhanced and 11.4 (+/-) acres of additional upland buffers will be preserved for a total of 63.7 (+/-) acres to be placed into a conservation easement.

Monitoring activities:

Quantitative transect-based methods to measure changes in habitat structure are to be carried out annually in perpetuity.

3. As provided by the *CONSOLIDATED WETLAND RESOURCE PERMIT AND SOVEREIGN SUBMERGED LANDS AUTHORIZATION*, Laird Point Investors, LLC, is recording a conservation easement contemporaneously with this Agreement for protection of the jurisdictional wetlands referenced therein ("wetland conservation easement").

4. This Agreement is enforceable as a contract or as an order of the Department.

III. SPECIFIC CONDITIONS

Docking and Pier Facilities:

1. Boat maintenance or repair activities requiring removal of a vessel from the water, or removal of any major portions of the vessel, including the engine, for purposes of routine repair or maintenance on site, shall be prohibited for the life of the facility, except where removal is necessitated by emergency conditions which have resulted in or can result in the sinking of a vessel. Specifically prohibited shall be hull cleaning, hull painting, and any discharges or release of oils or greases associated with engine and hydraulic repairs, and related metal-based bottom paints associated with hull scraping, cleaning and painting. Minor repairs and boat maintenance that will not cause or contribute to the release of water pollutants, and are performed by owners or qualified marine mechanics, shall be allowed.

2. There shall be no fish cleaning stations, boat repair facilities or fueling facilities on any structure that is located over the water.

3. Each boat slip constructed in accordance with the attached permit drawings shall include a boat lift. When boats are stored within slip areas, use of the boat lifts shall be mandatory.

Mitigation Requirements:

1. Within 60 days of permit issuance, the boundary of the conservation easement shall be posted on 250-foot intervals. The signs shall identify the area as a conservation easement for the Department of Environmental Protection, and reference the Department's permit (03-0245341-004-DF) and phone number (850-595-8300). The signs shall be constructed of weather resistant material and shall be replaced as necessary for the life of the easement.

2. Wetland enhancements shall be conducted per the attached Laird Point Compensatory Mitigation and Monitoring Plans and must begin within 60 days of the start of construction. Enhancements may include mechanical treatment and/or burning and removal of exotic vegetation (mechanically, by hand, and/or application of herbicide).

3. The on-site mitigation to be implemented as part of the reasonable assurances for this project consists of the enhancement of 46.8 acres of wetlands, 5.5 (+/-) acres of upland enhancement, and 11.4 (+/-) acres of additional upland preservation all on-site.

4. Mitigation has the following stages: Site preparation, mechanical treatment/burning and removal of exotic vegetation, site management, monitoring for success.

5. The mitigation shall be implemented at the locations and in accordance with the Laird Point Compensatory Mitigation Plan attached to the permit and the specific conditions contained herein. The following conditions contain general information on mitigation activities. For more specific details, refer to the attached Plan mentioned above.

6. In order to ensure that the mitigation sites succeed in accordance with the requirements of this permit, the permittee shall retain a qualified, mitigation supervisor to oversee all aspects of the mitigation site implementation, management, monitoring and corrective actions required in this permit. The mitigation supervisor shall be on site during all mitigation implementation activities and has the responsibility to ensure that the mitigation is conducted in accordance with the permit.

7. It is recommended that the permittee have the qualified, mitigation supervisor review the conditions of this permit that pertain to the mitigation. The purpose of this review is to ascertain whether any criteria need to be modified or removed to ensure mitigation success. If the Department concurs that any proposed modifications would improve the likelihood of mitigation success, these changes shall be incorporated into this permit as a minor modification.

8. On-site wetland enhancement areas shall be successful when all of the following criteria have been continuously met for a period of at least one growing season, without intervention in the form of irrigation, dewatering, removal of undesirable vegetation, or replanting of desirable vegetation. Further success criteria are outlined on page 14 of the attached Laird Point Compensatory Mitigation Plan.

a. Woody vegetation is reduced to coppice sprouts
b. Appropriate groundcover is re-established (see page 14 of the mitigation plan)
c. Appropriate canopy density has been achieved (see page 14 of the mitigation plan)
d. Hydric soils and/or hydrologic indicators are present
e. Nuisance species shall not exceed 5% of the total cover.

9. Multiple monitoring plots shall be established and permanently marked within the mitigation area. The monitoring plots shall be the focus of data gathering activities. Monitoring data shall be reported in the Annual Monitoring Reports described below.

10. Reference points shall be established at the monitoring plots described above and used to take photographs on an annual basis. In addition, initial baseline data of vegetation and soils should be gathered and reported in the first Annual Monitoring Report.

11. The responsibility to determine if the mitigation is meeting the permit specified success criteria shall not fall solely on the Department. In the event that the permittee becomes aware that the mitigation is not meeting the success criteria and probably will not meet them (based on site observation or review of monitoring reports), then the permittee shall:

a. submit an alternative mitigation plan to the Department for review and approval that contains:
   i. Reasons why a particular mitigation site is not clearly trending towards success and propose actions which will ensure success. The permittee is on notice that the failure to meet a single success criterion will prevent the mitigation site from meeting the success criteria of this permit.

   ii. A proposed schedule for implementation and completion of all of the provisions of the alternative mitigation plan. Upon approval, the permittee shall implement the contingency plan pursuant to the approved schedule.

b. submit a $500 mitigation fee, pursuant to FAC Rule 62-312.320(3). The permittee shall implement the approved plan within 60 days of Department approval of the alternative mitigation plan. The approved plan shall be made a part of this permit.

12. Monitoring shall take place on an annual basis for all mitigation areas. The purpose of the monitoring is to determine the mitigation site's progress toward achieving the success criteria.

a. Monitoring shall occur from established monitoring plots.

b. The permittee shall monitor and take photographs annually until the mitigation sites are successful at the locations indicated on the map.

c. On-site monitoring of the enhancement area shall be conducted no later than one year following completion of enhancement activities. Baseline monitoring of the enhancement area shall be implemented prior to the first mechanical treatment/burn event. Monitoring shall continue annually following the first mechanical treatment/burn event.

13. The purpose of the Annual Progress and Mitigation Success Reports is to provide a qualitative and quantitative depiction of the site that is representative of the conditions at the entire site.

a. Reports shall be submitted annually within 60 days of data acquisition until a determination of success has been made by the Department.

b. Data for each report shall be taken as described in the attached mitigation plan. The first Annual Progress and Mitigation Success Report data gathering shall occur:
   i. not later than one year after the first mechanical treatment/burn in the on-site enhancement area

c. The Progress Report shall include:
   i. permit number and permittee;
   ii. date permitted activity was begun or is anticipated to begin;
   ii. brief description and extent of work completed since the previous report or since permit was issued;
   iii. permittee shall also indicate on copies of the permit drawings those areas where work has been completed;
   v. problems encountered and solutions undertaken;
   vi. brief description of the work the permittee anticipates commencing, continuing or completing in the next six months. The permittee shall indicate on copies of the permit drawings those areas where it is anticipated that work will be done.
   vii. mitigation site management undertaken, including type of management and dates each type was undertaken.

d. The Mitigation Success Report shall include:
   i. methods used to collect the information and data;
   ii. dates that the on-site monitoring occurred;
   iii. results
      a. jurisdictional acreage
      b. vegetation
      c. hydrologic
      d. soils
      e. supplemental
   iv. photographs of the mitigation sites taken from the same permanent stations;
   iv. discussion of results, work proposed for the next year and recommendations.

14. The applicant acknowledges and agrees to their obligation to perform the activities outlined in the aforementioned mitigation plan, nothwithstanding that the permit expires five years from the issue date.

15. If Laird Point Investors, LLC fails to perform the required activities in accordance with the specified conditions of the permit, including the time periods associated with each activity as set forth in the conditions, the Department (1) may inquire as to the status and require appropriate remedial action, (2) may commence an enforcement action pursuant to Chapter 403, Florida Statutes, (3) may commence legal proceedings to enforce this Agreement, or (4) may extend the time allowed for the required activity in accordance with the specified conditions of the permit. In any such action or proceedings to enforce this Agreement in which the Department prevails, Laird Point Investors, LLC shall be liable for the Department's reasonable attorney's fees, costs and expert witness fees in both trial and appellate courts, and Laird Point Investors, LLC consents that venue for such actions shall lie exclusively in Leon County, Florida.

16. Laird Point Investors, LLC may request that this Agreement be modified for good cause. Good cause may include, but is not limited to, changes in dredging, filling or mitigation plans necessitated by or resulting from actions of federal, state or local governmental agencies. Requests for modification of this Agreement shall be in writing and shall be sent by certified mail addressed to: Administrator, Submerged Lands and Environmental Resources, 160 Governmental Center Pensacola, Florida 32502. The Department shall have sole discretion to grant or deny such requests for modification.

IV. RECORDATION

1. Within thirty (30) days from the date of execution of this Agreement, Laird Point Investors, LLC shall cause this Agreement to be recorded in the public records of the county wherein the affected lands are situated, and shall provide the Department with a copy of the recorded Agreement certified by the Clerk of the Court.

2. If the project for which the permit was obtained will not be accomplished for any reason, then the wetland conservation easements and this Agreement shall be released by the Department. If the Department denies the Laird Point Investors, LLC application for permit, or if the Department issues Laird Point Investors, LLC the permit in a manner that does not require the execution and recording of this Agreement, or, if after recording this Agreement and obtaining the permit, Laird Point Investors, LLC does not commence the work authorized by the permit and surrenders the permit (due to the inability to obtain other needed permits for the work or any other reason) the Department shall record a release of this Agreement and the wetland conservation easement within 60 days of such action.

If the Department denies the permit or issues the permit in a manner not requiring this Agreement and/or the conservation easements and the Department does not record a release of this Agreement and the wetland conservation easement within this time period, Laird Point Investors, LLC may record a notice of permit denial, or a notice of permit issuance without Agreement and/or wetland conservation easement, which notice shall refer to the public records book and page number in which this Agreement and the wetland conservation easement was recorded, and shall contain a copy of the Department's written denial of the permit application or a copy of the permit not requiring this Agreement and/or the conservation easements as appropriate. Laird Point Investors, LLC's recording of this notice shall constitute a release and nullification of this Agreement and/or the wetland conservation easement. If Laird Point Investors, LLC does not commence the work authorized by the permit and surrenders the permit back to the Department and the Department does not release this Agreement and the wetland conservation easement within the time frame specified herein, Laird Point Investors, LLC may seek an order from a Florida court of appropriate jurisdiction to declare this Agreement and the wetland conservation easement null and void.

If the permit is being surrendered, Laird Point Investors, LLC must waive, in writing, all rights under the permit in exchange for the release. The release will be affected as a part of the surrender. The release shall be provided in recordable form.

3. This Agreement shall run with the wetland conservation easements and is binding upon Laird Point Investors, LLC, its successors and assigns.

IN WITNESS WHEREOF, the Grantor has executed this Agreement for Covenant Running with the Land on the day and year first above written.

Signed, sealed and delivered in our presence as witnesses:

Amber Skates
Signature of Witness

Amber Skates
Printed/Typed Name

Rachelle Clark
Signature of Witness

Rachelle Clark
Printed/Typed Name

Kathleen McLean
Laird Point Investors, LLC., Registered Agent

STATE OF FLORIDA
COUNTY OF BAY

The foregoing instrument was acknowledged before me this 9 day of July, 2010, by Kathleen McLean with Laird Point Investors, LLC.

(X) who is personally known to me.
( ) who produced _____ as identification.

(SEAL)

GEOFFREY BRACKEN
Notary Public - State of Florida
My Commission Expires Jan 8, 2011
Commission # DD 627864
Bonded Through National Notary Assn.

Notary Public Signature

Geoffrey Bracken
Printed/Typed Name of Notary

Commission No. DD 627864
Commission Expires 1-8-11

IN WITNESS WHEREOF, the Department and Laird Point, LLC set their hand and seal as follows:

Brandy M Smith
(witness)

Brandy M. Smith
(witness print name)

Michelle Goldsmith
(witness)

Michelle Goldsmith
(witness print name)

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Kenneth W. Prest, Jr.
District Director

STATE OF FLORIDA
COUNTY OF ESCAMBIA

The foregoing instrument was acknowledged before me this 21st day of June, 2010, by Kenneth W. Prest, Jr., as District Director for Florida Department of Environment Protection.

(Y) who is personally known to me.
( ) who produced _____ as identification.

(SEAL)

BARBARA A. RAGGHIANTI
MY COMMISSION # DD 644821
EXPIRES: June 26, 2011
Bonded Thru Notary Public Underwriters

Notary Public Signature

Barbara M. Ragghianti

Commission No. DD644821
Commission Expires June 26, 2011

CONSERVATION EASEMENT
DEED + SURVEY

Return to:
Department of Environmental Protection
160 Governmental Center
Pensacola FL, 32501
Andy Joslyn

CONSERVATION EASEMENT

THIS CONSERVATION EASEMENT is given this 30th day of June 2009, by LAIRD POINT INVESTORS, LLC, a Florida limited liability company, having an address at 36468 Emerald Coast Parkway, suite 1201, Destin, Florida 32541 (Grantor) to the State of Florida Department of Environmental Protection (DEPARTMENT), whose address is Department of Environmental Protection, Division of State Lands, 3900 Commonwealth Boulevard, Mail Station 130, Tallahassee, Florida 32399-3000. As used herein, the term Grantor shall include any and all heirs, successors or assigns of the Grantor, and all subsequent owners of the Property (as hereinafter defined) and the term DEPARTMENT shall include any successor or assignee of the DEPARTMENT.

WITNESSETH

WHEREAS, the Grantor is the sole owner in fee simple of certain lands situated in Bay County, Florida, more specifically described in Exhibit A attached hereto and incorporated herein (Property);

WHEREAS, the Grantor desires to construct Laird Point (Project) at a site in Bay County, which is subject to the regulatory jurisdiction of the Department under Part IV of Chapter 373 of the Florida Statutes;

WHEREAS, Department Permit No. 03-0245341-003-DF (Permit) authorizes certain activities which affect waters in or of the State of Florida;

WHEREAS, this Permit requires that the Grantor preserve, enhance, restore or mitigate for impacts to wetlands, other surface waters, or uplands under the Department's jurisdiction; and

WHEREAS, pursuant to Section 373.414(1)(b), F.S., the DEPARTMENT agrees to accept this conservation easement and the Grantor agrees to grant this conservation easement as a condition of the Permit issued by the Department to offset or prevent adverse impacts to water quality and natural resources, such as fish, wildlife, and wetland or other surface water functions. Specifically, this conservation easement is intended to:

Offset impacts to wetlands and other surface waters;
Prevent cumulative impacts;
Prevent secondary impacts to the functions provided to fish, wildlife, and listed species by wetlands, other surface waters, and uplands;
Protect a mitigation area;

RECEIVED
FEB - 9 2010
NORTHWEST FLORIDA
DEP

WHEREAS, the U.S. Army Corps of Engineers (Army Corps) Permit No. SAJ-2005-2043 (Corps Permit) authorizes certain activities in the waters of the United States and requires this conservation easement over the lands identified in Exhibit **A** as mitigation for such activities;

WHEREAS The Army Corps is not authorized to hold conservation easements and the DEPARTMENT has agreed to hold the easement on behalf of the Corps;

NOW THEREFORE, in consideration of the above and the mutual covenants, terms, conditions and restrictions contained herein, together with other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, Grantor hereby voluntarily grants and conveys a perpetual conservation easement, as defined in Section 704.06, Florida Statutes, for and in favor of the DEPARTMENT upon the Property which shall run with the land and be binding upon the Grantor, and shall remain in full force and effect forever.

The scope, nature and character of this conservation easement shall be as follows:

1. Purpose. The purpose of this conservation easement is to retain land or water areas in their natural, vegetative, hydrologic, scenic, open, agricultural or wooded condition and to retain such areas as suitable habitat for fish, plants or wildlife. Those wetland or upland areas included in the conservation easement that are to be enhanced or created pursuant to the Permit shall be retained and maintained in the enhanced or created conditions required by the Permit.

2. Rights of the DEPARTMENT. To carry out this purpose, the following rights are conveyed to the DEPARTMENT by this easement:

a. The right to take action to preserve and protect the environmental value of the Property;

b. The right to prevent any activity on or use of the Property that is inconsistent with the purpose of this conservation easement, and to require the restoration of areas or features of the Property that may be damaged by any inconsistent activity or use;

c. The right to enter upon and inspect the Property in a reasonable manner and at reasonable times, including the right to use vehicles and all necessary equipment to determine if Grantor or its successors and assigns are complying with the covenants and prohibitions contained in this conservation easement; and

d. The right to enforce this conservation easement by injunction or proceed at law or in equity to enforce the provisions of this conservation easement and the covenants set forth herein, to prevent the occurrence of any of the prohibited activities hereinafter set forth, and the right to require Grantor to restore such areas or features of the Property that may be damaged by any inconsistent activity or use.

3. Prohibited Uses. Any activity on or use of the Property inconsistent with the purpose of this conservation easement is prohibited. Without limiting the foregoing, the following activities and uses are expressly prohibited, except for restoration, creation, enhancement, maintenance, and monitoring activities authorized by the Permit:

a. Construction or placing of structures on, above, or below the ground, including but not limited to buildings, roads, billboards or other advertising; utilities, signs (other than those marking the conservation easement), or other structures, except boardwalks;

b. Dumping or placing of soil or other substances as land fill, or dumping or placing of trash, waste, or unsightly or offensive materials;

c. Removal or destruction of trees, shrubs, or other vegetation, except nuisance, invasive, exotic, or nonnative species upon prior written approval by the DEPARTMENT;

d. Planting or seeding of exotic or nuisance species or other plants that are outside their natural range or zone of dispersal and have or are able to form self-sustaining, expanding, and free-living populations in a natural community with which they have not previously associated;

e. Exploration for or extraction of oil or gas, and excavation, dredging, or removal of loam, peat, gravel, soil, rock, or other material substance in such manner as to affect the surface;

f. Surface use except for purposes that permit the land or water area to remain in its natural condition;

g. Activities detrimental to drainage, flood control, water conservation, erosion control, soil conservation, or fish and wildlife habitat preservation including, but not limited to, ditching, diking, dredging, and fencing;

h. Acts or uses detrimental to such aforementioned retention and maintenance of land or water areas;

i. Acts or uses detrimental to the preservation of the structural integrity or physical appearance of sites, or properties of historical, architectural, archaeological, or cultural significance; and

j. The use of All-Terrain Vehicles, other than those used for land management activities.

4. Reserved Rights. Grantor reserves to itself, its successors or assigns all rights as owner of the Property, including the right to engage in uses of the Property that are not prohibited herein and that are not inconsistent with any Department rules, criteria, permit and the intent and purposes of this conservation easement. The following resource based recreational uses are not contrary to the purposes of this conservation easement upon prior written approval by the DEPARTMENT.

a. Controlled burning.

b. Machine clearing of fire lines and fire breaks as part of fire fighting, fire suppression, or controlled burns.

c. Installation of fences for land management or habitat protection purposes.

d. Removal or extermination of nuisance or exotic animal species.

e. Installation of signs for land management or for habitat protection purposes.

f. Limited land clearing for the purpose of establishing amenities such as pile supported boardwalks; un-mulched and unpaved walking and biking trails; and informational and directional signs. The general locations of these activities are as depicted in Exhibit B. These activities shall be subject to the following conditions:

(1) Grantor shall minimize and avoid, to the fullest extent possible, impact to any wetland or upland buffer areas within the conservation easement area and shall avoid materially diverting the direction of the natural surface water flow in such area;

(2) Such facilities and improvements shall be constructed and maintained to be aesthetically pleasing and not contrary to the purposes of this conservation easement;

(3) This conservation easement shall not constitute permit authorization for the construction and operation of the resource based recreational facilities. Any such work shall be subject to all applicable federal, state, regional or local permitting requirements.

5. Public Access. No right of access by the general public to any portion of the Property is conveyed by this conservation easement.

6. Responsibilities of Parties. Grantor on behalf of itself and its successors or assigns hereby agrees to bear all costs and liabilities related to the operation, upkeep, or maintenance of the Property and Grantor does hereby indemnify and hold harmless the DEPARTMENT from same. In addition, the DEPARTMENT and its successors or assigns shall have no responsibility for any costs or liabilities related to the operation, upkeep or maintenance of the Property.

7. Taxes. Grantor, its successors or assigns, shall pay before delinquency any and all taxes, assessments, fees, and charges of whatever description levied on or assessed by competent authority on the Property, and shall furnish the DEPARTMENT with satisfactory evidence of payment upon request.

8. Liability. Grantor, its successors or assigns, will assume all liability for any injury or damage to the person or property of third parties which may occur on the Property arising from ownership of the Property by the Grantor, its successors or assigns. Neither Grantor, its successors or assigns, nor any person or entity claiming by or through Grantor its successors or assigns, shall hold the DEPARTMENT liable for any damage or injury to person or personal property which may occur on the Property. Furthermore, the Grantor, its successors or assigns shall indemnify and hold harmless the DEPARTMENT for all liability, any injury or damage to the person or property of third parties which may occur on the Property.

9. Hazardous Waste. Grantor covenants and represents that no hazardous substance or toxic waste exists nor has been generated, treated, stored, used, disposed of, or deposited in or on the Property, and that there are not now any underground storage tanks located on the Property. Grantor, its successors or assigns, further indemnify the DEPARTMENT for any and all liability arising from any subsequent placement or discovery of hazardous or toxic material on the property.

In the event such material is discovered, Grantor, its successors or assigns, shall be responsible for the removal of the materials following coordination and written approval of the DEPARTMENT.

10. Enforcement Discretion. Enforcement of the terms, provisions and restrictions of this conservation easement shall be at the reasonable discretion of the DEPARTMENT, and any forbearance on behalf of the DEPARTMENT to exercise its rights hereunder in the event of any breach by Grantor, shall not be deemed or construed to be a waiver of the DEPARTMENT'S rights.

11. Venue and Enforcement Costs. Venue to enforce the terms of this conservation easement shall be in Leon County, Florida. In the event the Army Corps takes enforcement action, venue shall be in a state or federal court of competent jurisdiction. If the DEPARTMENT prevails in an enforcement action, it shall be entitled to recover costs, including expert witness fees, as well as reasonable cost of restoring the land to the natural vegetative and hydrologic condition existing at the time of execution of the conservation easement or to the vegetative and hydrologic condition required by the aforementioned Permit. These remedies are in addition to any other remedy, fine or penalty which may be applicable under Chapters 373 and 403, F.S.

12. Assignment of Rights. The DEPARTMENT agrees to hold this conservation easement exclusively for conservation purposes and that it will not assign its rights and obligations under this conservation easement except to another organization qualified to hold such interests under applicable state laws.

13. Recording in Land Records. Grantor agrees to record this conservation easement and any amendments hereto in a timely fashion in the Official Records of Bay County, Florida. Grantor shall pay all recording costs and taxes necessary to record this conservation easement in the public records.

14. Successors. The covenants, terms, conditions and restrictions of this conservation easement shall be binding upon, and inure to the benefit of the parties hereto and their respective personal representatives, heirs, successors and assigns and shall continue as a servitude running in perpetuity with the Property.

15. Notices. All notices, consents, approvals or other communications hereunder shall be in writing and shall be deemed properly given if sent by United States certified mail, return receipt requested, addressed to the appropriate party or successor-in-interest.

16. Subsequent Deeds. Grantor shall insert the terms and restrictions of this conservation easement in any subsequent deed or other legal instrument by which Grantor divests itself of any interest in the Property. Grantor further agrees to give written notice to the DEPARTMENT of the transfer of any interest at least twenty days prior to the date of such transfer. The failure of Grantor to perform any act required by this paragraph shall not impair the validity of this conservation easement or limit its enforceability in any way.

17. Severability. If any provision of this conservation easement or the application thereof to any person or circumstances is found to be invalid, the remainder of the provisions of this conservation easement shall not be affected thereby, as long as the purpose of the conservation easement is preserved.

18. Alteration or Revocation. This conservation easement may be amended, altered, released or revoked only by permit modification as necessary and written agreement between the parties hereto or their heirs, assigns or successors-in-interest, which shall be filed in the public records in Bay County.

19. Controlling Law. The interpretation and performance of this conservation easement shall be governed by the laws of the State of Florida.

20. Baseline Documentation Report. The specific conservation values of the property are documented in the Baseline Documentation Report associated with this conservation easement. The Baseline Documentation Report consists of reports, maps, photographs, and other documentation that the parties agree provide, collectively, an accurate representation of the property at the time of this grant, and which is intended to serve as an objective information baseline for monitoring compliance with the terms of this grant. The Baseline Documentation Report is maintained in the offices of the Florida Department of Environmental Protection and is incorporated by this reference. A copy of the Baseline Documentation Report is available from the Department on request.

21. Rights of U.S. Army Corps of Engineers. When a corresponding permit is issued by the U.S. Army Corps of Engineers, the Corps shall have all the rights of the DEPARTMENT under this easement. The Corps shall be a party to a modification, alteration, release, or revocation of the conservation easement, and shall review and approve as necessary any additional structures or activities that require approval by the DEPARTMENT.

TO HAVE AND TO HOLD unto the DEPARTMENT forever. The covenants, terms, conditions, restrictions and purpose imposed with this conservation easement shall be binding upon Grantor, and shall continue as a servitude running in perpetuity with the Property.

Grantor hereby covenants with said DEPARTMENT that Grantor is lawfully seized of said Property in fee simple; that the Property is free and clear of all encumbrances that are inconsistent with the terms of this conservation easement and all mortgages have been joined or subordinated; that Grantor has good right and lawful authority to convey this conservation easement; and that it hereby fully warrants and defends the title to the conservation easement hereby conveyed against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has executed this Conservation Easement on the day and year first above written.

Signed, sealed and delivered
in our presence as witnesses:

Melissa C. Warren
Signature of Witness

Melissa C. Warren
Printed/Typed Name

Marcia A Gawronski
Signature of Witness

Marcia Gawronski
Printed/Typed Name

LAIRD POINT INVESTORS, LLC

By: Kathleen McLean
Kathleen McLean, Managing Member

STATE OF FLORIDA
COUNTY OF Clay

The foregoing instrument was acknowledged before me this 30th day of June, 2009, by Kathleen McLean as Managing Member of LAIRD POINT INVESTORS, LLC. He/she is personally known to me or has produced TN Drivers License #057306416 as identification.

(SEAL)

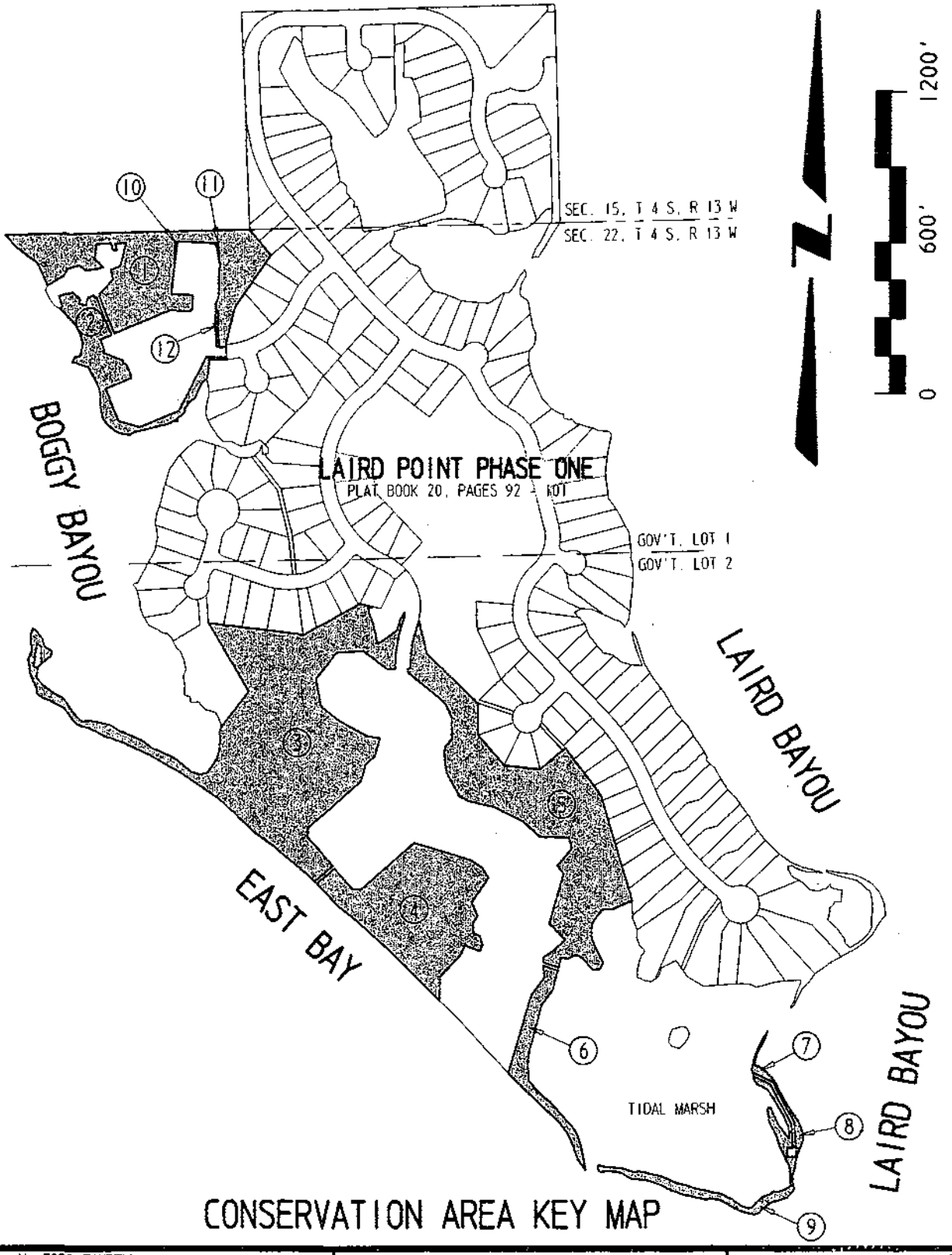
Delia C. Hunt
Notary Public Signature

Delia C. Hunt
Commission # DD460383
Expires August 10, 2009
Bonded Troy Fain - Insurance Inc 800-385-7019

Delia C. Hunt
Printed/Typed Name of Notary

Commission No. # DD 460383
Commission Expires: Aug. 10, 2009

FOR: FLORIDA DEPARTMENT ENVIRONMENTAL PROTECTION



CONSERVATION AREA KEY MAP

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 600'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 1 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONT-

SYMBOLS AND ABBREVIATIONS

P.O.C.	POINT OF COMMENCEMENT
P.O.B.	POINT OF BEGINNING
N	NORTH
E	EAST
S	SOUTH
W	WEST
SEC.	SECTION
T	TOWNSHIP OR TANGENT
R	RANGE
°	DEGREES
'	MINUTES OR FEET
"	SECONDS OR INCHES
FD.	FOUND
LB	LAND SURVEYOR BUSINESS
NO.	NUMBER
CONC.	CONCRETE
MON.	MONUMENT
R.O.W.	RIGHT OF WAY
R	RADIUS
A	ARC
C	CHORD
CB	CHORD BEARING
±	MORE OR LESS
GOV'T.	GOVERNMENT
●	SET 5/8" IRON ROD LB NO. 2372
■	SET 4" X 4" CONC. MON. LB NO. 2372
◎	SET NAIL & DISK LB NO. 2372

THE UNDERSIGNED SURVEYOR HAS NOT BEEN PROVIDED A CURRENT TITLE OPINION OR ABSTRACT OF MATTERS AFFECTING TITLE OR BOUNDARY TO THE SUBJECT PROPERTY. IT IS POSSIBLE THERE ARE RECORDED DEEDS, UNRECORDED DEEDS, EASEMENTS, RESTRICTIONS, SETBACKS OR OTHER INSTRUMENTS AND GOVERNMENT REGULATIONS WHICH COULD AFFECT THE BOUNDARIES AND/OR USE OF THE PROPERTY.

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

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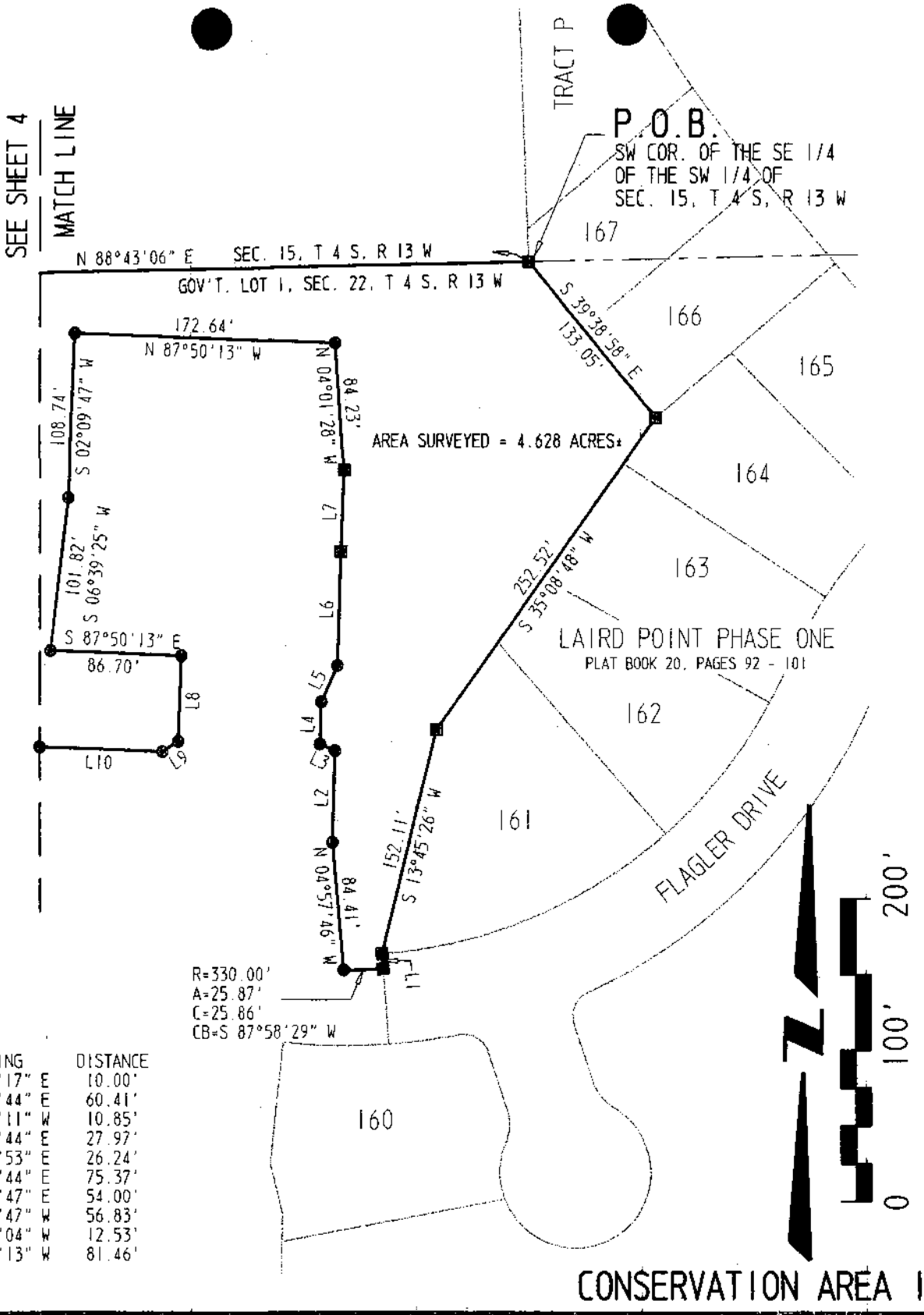
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY SCALE N/A
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO 9682
ELEVATION-REFERENCE SHEET NO. 2 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONTA-



LINE	BEARING	DISTANCE
1	S 04°16'17" E	10.00'
2	N 01°37'44" E	60.41'
3	N 65°31'11" W	10.85'
4	N 01°37'44" E	27.97'
5	N 24°01'53" E	26.24'
6	N 01°37'44" E	75.37'
7	N 02°09'47" E	54.00'
8	S 02°09'47" W	56.83'
9	S 57°14'04" W	12.53'
10	N 87°50'13" W	81.46'

CONSERVATION AREA 1

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

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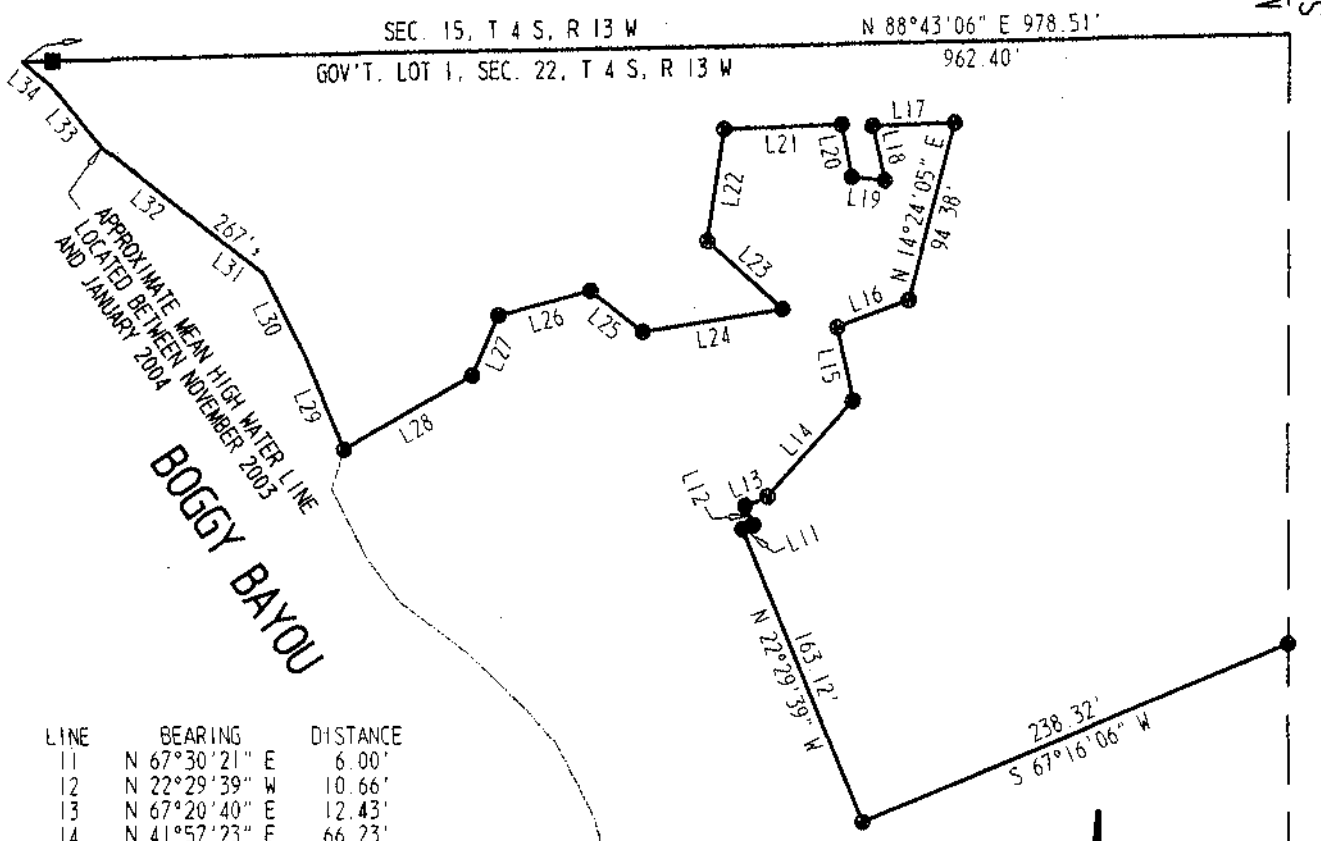
PLAT OF BOUNDARY SURVEY — SCALE 1" = 100'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 3 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONTA-



LINE	BEARING	DISTANCE
11	N 67°30'21" E	6.00'
12	N 22°29'39" W	10.66'
13	N 67°20'40" E	12.43'
14	N 41°57'23" E	66.23'
15	N 12°50'09" W	38.83'
16	N 69°42'01" E	39.82'
17	S 87°25'55" W	42.59'
18	S 13°23'28" E	28.70'
19	N 83°46'13" W	17.57'
20	N 11°17'13" W	27.55'
21	S 87°41'01" W	60.66'
22	S 08°16'00" W	58.32'
23	S 47°48'30" E	51.98'
24	S 80°28'54" W	72.56'
25	N 52°08'04" W	34.25'
26	S 74°44'06" W	49.31'
27	S 23°42'09" W	33.59'
28	S 59°49'53" W	75.99'
29	N 23°17'26" W	53.25'
30	N 27°14'45" W	47.00'
31	N 52°23'43" W	29.23'
32	N 51°37'53" W	76.29'
33	N 40°38'55" W	41.72'
34	N 51°07'30" W	19.02'

CONSERVATION AREA 1

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

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CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 100'
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO. 9682
ELEVATION REFERENCE — SHEET NO: 4 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONIB-

DESCRIPTION OF CONSERVATION AREA 1: BEGIN AT THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA. THENCE SOUTHERLY ALONG THE WESTERLY BOUNDARY OF LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA, AS FOLLOWS: SOUTH 39 DEGREES 38 MINUTES 58 SECONDS EAST FOR 133.05 FEET; SOUTH 35 DEGREES 08 MINUTES 48 SECONDS WEST FOR 252.52 FEET; SOUTH 13 DEGREES 45 MINUTES 26 SECONDS WEST FOR 152.11 FEET; SOUTH 04 DEGREES 16 MINUTES 17 SECONDS EAST FOR 10.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 330.00 FEET; THENCE LEAVING SAID WESTERLY BOUNDARY, WESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 25.87 FEET, THE CHORD OF SAID ARC BEARING SOUTH 87 DEGREES 58 MINUTES 29 SECONDS WEST FOR 25.86 FEET; THENCE NORTH 04 DEGREES 57 MINUTES 46 SECONDS WEST FOR 84.41 FEET; THENCE NORTH 01 DEGREE 37 MINUTES 44 SECONDS EAST FOR 60.41 FEET; THENCE NORTH 65 DEGREES 31 MINUTES 11 SECONDS WEST FOR 10.85 FEET; THENCE NORTH 01 DEGREE 37 MINUTES 44 SECONDS EAST FOR 27.97 FEET; THENCE NORTH 24 DEGREES 01 MINUTE 53 SECONDS EAST FOR 26.24 FEET; THENCE NORTH 01 DEGREE 37 MINUTES 44 SECONDS EAST FOR 75.37 FEET; THENCE NORTH 02 DEGREES 09 MINUTES 47 SECONDS EAST FOR 54.00 FEET; THENCE NORTH 04 DEGREES 01 MINUTE 28 SECONDS WEST FOR 84.23 FEET; THENCE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 172.64 FEET; THENCE SOUTH 02 DEGREES 09 MINUTES 47 SECONDS WEST FOR 108.74 FEET; THENCE SOUTH 06 DEGREES 39 MINUTES 25 SECONDS WEST FOR 101.82 FEET; THENCE SOUTH 87 DEGREES 50 MINUTES 13 SECONDS EAST FOR 86.70 FEET; THENCE SOUTH 02 DEGREES 09 MINUTES 47 SECONDS WEST FOR 56.83 FEET; THENCE SOUTH 57 DEGREES 14 MINUTES 04 SECONDS WEST FOR 12.53 FEET; THENCE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 81.46 FEET; THENCE SOUTH 67 DEGREES 16 MINUTES 06 SECONDS WEST FOR 238.32 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 163.12 FEET; THENCE NORTH 67 DEGREES 30 MINUTES 21 SECONDS EAST FOR 6.00 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 10.66 FEET; THENCE NORTH 67 DEGREES 20 MINUTES 40 SECONDS EAST FOR 12.43 FEET; THENCE NORTH 41 DEGREES 57 MINUTES 23 SECONDS EAST FOR 66.23 FEET; THENCE NORTH 12 DEGREES 50 MINUTES 09 SECONDS WEST FOR 38.83 FEET; THENCE NORTH 69 DEGREES 42 MINUTES 01 SECOND EAST FOR 39.82 FEET; THENCE NORTH 14 DEGREES 24 MINUTES 05 SECONDS EAST FOR 94.38 FEET; THENCE SOUTH 87 DEGREES 25 MINUTES 55 SECONDS WEST FOR 42.59 FEET; THENCE SOUTH 13 DEGREES 23 MINUTES 28 SECONDS EAST

CONSERVATION AREA 1

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

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CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE ---------- — SHEET NO. 5 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONIA-

FOR 28.70 FEET; THENCE NORTH 83 DEGREES 46 MINUTES 13 SECONDS WEST
FOR 17.57 FEET; THENCE NORTH 11 DEGREES 17 MINUTES 13 SECONDS WEST
FOR 27.55 FEET; THENCE SOUTH 87 DEGREES 41 MINUTES 01 SECOND WEST
FOR 60.66 FEET; THENCE SOUTH 08 DEGREES 16 MINUTES 00 SECONDS WEST
FOR 58.32 FEET; THENCE SOUTH 47 DEGREES 48 MINUTES 30 SECONDS EAST
FOR 51.98 FEET; THENCE SOUTH 80 DEGREES 28 MINUTES 54 SECONDS WEST
FOR 72.56 FEET; THENCE NORTH 52 DEGREES 08 MINUTES 04 SECONDS WEST
FOR 34.25 FEET; THENCE SOUTH 74 DEGREES 44 MINUTES 06 SECONDS WEST
FOR 49.31 FEET; THENCE SOUTH 23 DEGREES 42 MINUTES 09 SECONDS WEST
FOR 33.59 FEET; THENCE SOUTH 59 DEGREES 49 MINUTES 53 SECONDS WEST
FOR 76 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF BOGGY BAYOU; THENCE NORTHWESTERLY ALONG SAID MEAN HIGH WATER LINE FOR 267 FEET, MORE OR LESS, TO THE NORTH LINE OF GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST; THENCE NORTH 88 DEGREES 43 MINUTES 06 SECONDS EAST ALONG SAID NORTH LINE FOR 979 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN SAID GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 1

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

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CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 6 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

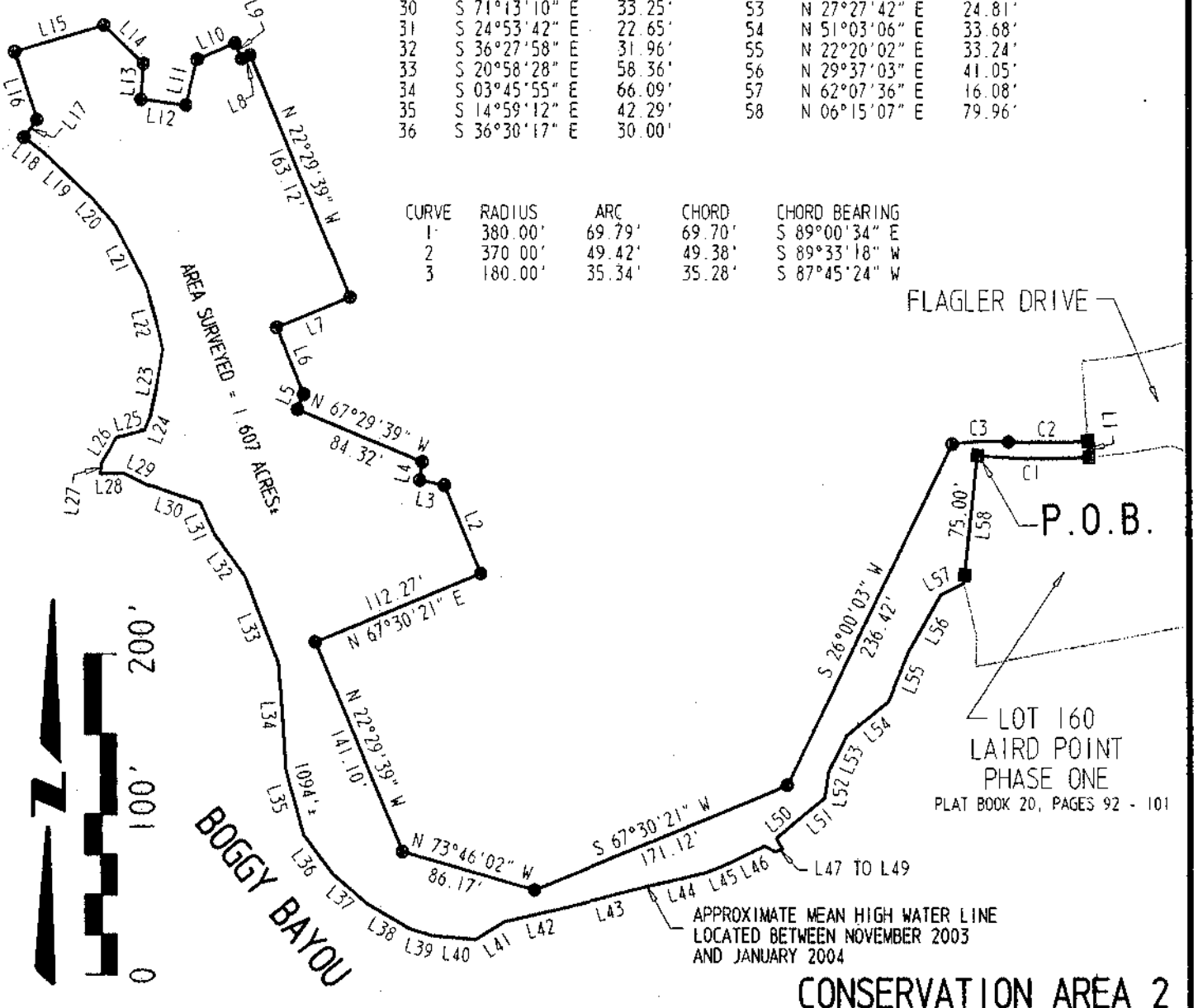
HP FILE: 9682-CONSERVE LAYER CODE: CONIA-

LINE	BEARING	DISTANCE
1	N 04°16'17" W	10.00'
2	N 22°29'39" W	59.47'
3	N 78°36'58" W	16.05'
4	N 08°44'12" E	11.48'
5	N 22°30'22" E	10.21'
6	N 22°29'39" W	45.00'
7	N 67°30'21" E	49.80'
8	S 67°30'21" W	6.00'
9	N 22°29'38" W	10.60'
10	S 67°20'40" W	25.75'
11	S 13°31'29" W	29.47'
12	N 82°19'35" W	28.44'
13	N 04°03'33" E	22.55'

LINE	BEARING	DISTANCE
14	N 46°53'51" W	35.01'
15	S 73°28'11" W	58.19'
16	S 18°13'21" E	44.61'
17	S 36°59'10" W	13.67'
18	S 53°00'50" E	14.60'
19	S 46°53'09" E	43.71'
20	S 41°23'32" E	22.30'
21	S 27°03'45" E	43.20'
22	S 14°10'10" E	40.20'
23	S 10°28'39" W	41.57'
24	S 23°28'01" W	9.73'
25	S 75°30'06" W	18.26'
26	S 31°31'32" W	18.13'
27	S 06°59'23" W	6.93'
28	N 88°40'55" E	14.98'
29	S 64°02'48" E	17.66'
30	S 71°13'10" E	33.25'
31	S 24°53'42" E	22.65'
32	S 36°27'58" E	31.96'
33	S 20°58'28" E	58.36'
34	S 03°45'55" E	66.09'
35	S 14°59'12" E	42.29'
36	S 36°30'17" E	30.00'

LINE	BEARING	DISTANCE
37	S 49°30'29" E	28.84'
38	S 59°18'25" E	30.82'
39	S 73°52'38" E	14.44'
40	S 84°50'40" E	27.71'
41	N 58°04'13" E	21.15'
42	N 77°23'12" E	38.34'
43	N 75°09'09" E	53.00'
44	N 76°40'29" E	36.94'
45	N 68°04'11" E	17.04'
46	N 63°52'08" E	24.02'
47	S 62°27'47" E	7.63'
48	N 71°39'38" E	5.18'
49	N 29°42'42" W	7.54'
50	N 49°11'51" E	19.22'
51	N 50°44'22" E	20.34'
52	N 08°17'00" E	16.87'
53	N 27°27'42" E	24.81'
54	N 51°03'06" E	33.68'
55	N 22°20'02" E	33.24'
56	N 29°37'03" E	41.05'
57	N 62°07'36" E	16.08'
58	N 06°15'07" E	79.96'

CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	380.00'	69.79'	69.70'	S 89°00'34" E
2	370.00'	49.42'	49.38'	S 89°33'18" W
3	180.00'	35.34'	35.28'	S 87°45'24" W



CONSERVATION AREA 2

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

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SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO: 7 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON2-

DESCRIPTION OF CONSERVATION AREA 2: BEGIN AT THE NORTHWEST CORNER OF LOT 160, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE EASTERLY ALONG THE NORTH LINE OF SAID LOT 160, BEING A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 380.00 FEET, FOR AN ARC DISTANCE OF 69.79 FEET, THE CHORD OF SAID ARC BEARING SOUTH 89 DEGREES 00 MINUTES 34 SECONDS EAST FOR 69.70 FEET TO THE WEST RIGHT OF WAY LINE OF FLAGLER DRIVE; THENCE NORTH 04 DEGREES 16 MINUTES 17 SECONDS WEST ALONG SAID RIGHT OF WAY LINE FOR 10.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 370.00 FEET; THENCE WESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 49.42 FEET, THE CHORD OF SAID ARC BEARING SOUTH 89 DEGREES 33 MINUTES 18 SECONDS WEST FOR 49.38 FEET TO A REVERSE CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 180.00 FEET; THENCE WESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 35.34 FEET, THE CHORD OF SAID ARC BEARING SOUTH 87 DEGREES 45 MINUTES 24 SECONDS WEST FOR 35.28 FEET; THENCE SOUTH 26 DEGREES 00 MINUTES 03 SECONDS WEST FOR 236.42 FEET; THENCE SOUTH 67 DEGREES 30 MINUTES 21 SECONDS WEST FOR 171.12 FEET; THENCE NORTH 73 DEGREES 46 MINUTES 02 SECONDS WEST FOR 86.17 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 141.10 FEET; THENCE NORTH 67 DEGREES 30 MINUTES 21 SECONDS EAST FOR 112.27 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 59.47 FEET; THENCE NORTH 78 DEGREES 36 MINUTES 58 SECONDS WEST FOR 16.05 FEET; THENCE NORTH 08 DEGREES 44 MINUTES 12 SECONDS EAST FOR 11.48 FEET; THENCE NORTH 67 DEGREES 29 MINUTES 39 SECONDS WEST FOR 84.32 FEET; THENCE NORTH 22 DEGREES 30 MINUTES 22 SECONDS EAST FOR 10.21 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 45.00 FEET; THENCE NORTH 67 DEGREES 30 MINUTES 21 SECONDS EAST FOR 49.80 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 163.12 FEET; THENCE SOUTH 67 DEGREES 30 MINUTES 21 SECONDS WEST FOR 6.00 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 38 SECONDS WEST FOR 10.60 FEET; THENCE SOUTH 67 DEGREES 20 MINUTES 40 SECONDS WEST FOR 25.75 FEET; THENCE SOUTH 13 DEGREES 31 MINUTES 29 SECONDS WEST FOR 29.47 FEET; THENCE NORTH 82 DEGREES 19 MINUTES 35 SECONDS WEST FOR 28.44 FEET; THENCE NORTH 04 DEGREES 03 MINUTES 33 SECONDS EAST FOR 22.55 FEET; THENCE NORTH 46 DEGREES 53 MINUTES 51 SECONDS WEST FOR 35.01 FEET; THENCE SOUTH 73 DEGREES 28 MINUTES 11 SECONDS WEST FOR 58.19 FEET; THENCE SOUTH 18

CONSERVATION AREA 2

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

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SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 8 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON2-

DEGREES 13 MINUTES 21 SECONDS EAST FOR 44.61 FEET; THENCE SOUTH 36 DEGREES 59 MINUTES 10 SECONDS WEST FOR 14 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF BOGGY BAYOU; THENCE SOUTHEASTERLY AND NORTHEASTERLY ALONG SAID MEAN HIGH WATER LINE FOR 1094 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 06 DEGREES 15 MINUTES 07 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE NORTH 06 DEGREES 15 MINUTES 07 SECONDS EAST ALONG SAID LINE FOR 80 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 2

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

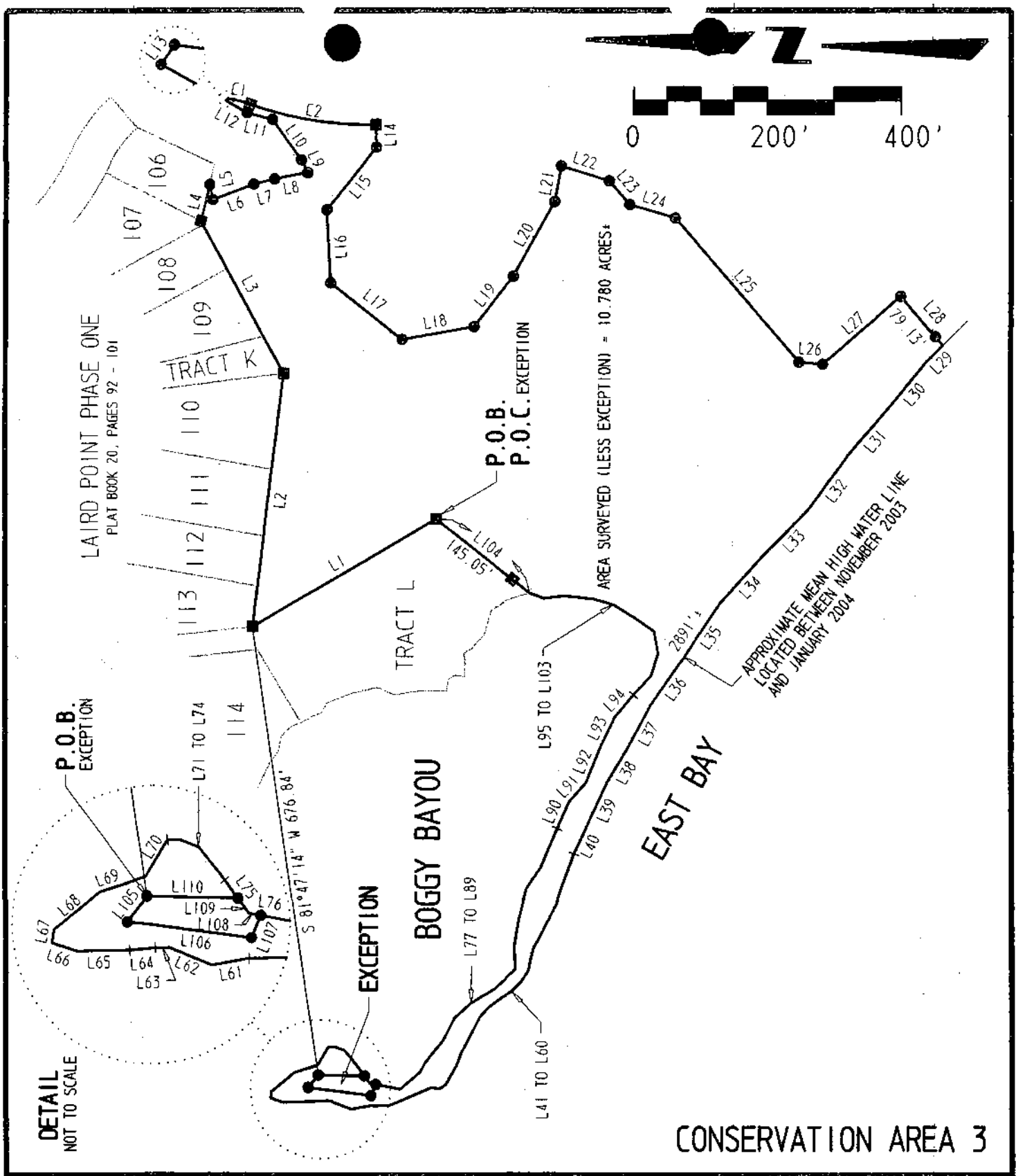
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY SCALE N/A
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO 9682
ELEVATION REFERENCE SHEET NO. 9 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON2-



THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 10 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON3-

LINE	BEARING	DISTANCE
1	N 30°28'01" W	317.83'
2	S 83°03'26" E	381.93'
3	N 61°08'12" E	258.88'
4	S 76°30'13" E	56.10'
5	S 78°27'08" W	23.11'
6	S 20°44'21" E	65.21'
7	S 13°55'53" E	32.02'
8	S 10°57'55" E	50.43'
9	N 64°35'21" E	21.12'
10	N 54°23'12" E	74.34'
11	N 13°58'10" E	39.14'
12	N 28°49'24" E	36.43'
13	S 55°26'05" E	3.82'
14	S 88°40'45" W	33.63'
15	N 51°47'45" W	119.13'
16	S 86°41'49" W	108.72'
17	S 38°12'15" W	135.90'
18	S 10°17'20" E	108.72'
19	S 51°47'45" E	94.80'
20	S 61°21'41" E	126.13'
21	S 79°52'18" E	54.27'
22	S 17°08'31" W	74.95'
23	S 49°21'56" W	46.88'
24	S 16°09'32" W	71.21'
25	S 48°58'20" W	283.85'
26	S 04°51'52" W	35.62'
27	S 41°01'40" E	153.46'
28	S 48°58'20" W	96.03'
29	N 45°18'38" W	35.81'
30	N 50°55'39" W	92.16'
31	N 49°54'40" W	89.85'
32	N 53°59'58" W	102.00'
33	N 44°48'06" W	90.19'
34	N 48°01'14" W	100.05'
35	N 56°14'28" W	97.22'
36	N 54°57'26" W	89.13'
37	N 62°10'52" W	73.73'
38	N 59°05'58" W	57.80'
39	N 65°23'56" W	72.40'
40	N 64°53'08" W	44.84'
41	N 69°57'51" W	55.38'
42	N 71°49'02" W	22.98'
43	N 63°37'58" W	60.74'
44	N 59°30'28" W	13.15'
45	N 74°58'32" W	16.68'
46	N 79°03'31" W	19.11'
47	N 57°01'24" W	20.13'
48	N 46°12'56" W	19.92'
49	N 30°16'01" W	16.02'
50	N 35°31'11" W	25.47'
51	N 48°14'56" W	20.76'
52	N 62°25'49" W	27.41'
53	N 62°39'57" W	32.71'
54	N 68°43'12" W	22.18'
55	N 60°31'26" W	31.11'
56	N 32°57'39" W	10.52'
57	N 06°16'19" E	12.52'
58	N 22°54'18" W	33.99'
59	N 22°48'57" W	34.90'
60	N 01°20'44" W	28.58'
61	N 09°56'22" W	28.54'
62	N 22°00'11" E	34.26'
63	N 00°48'26" W	10.67'
64	N 03°59'25" W	19.21'
65	N 01°08'23" W	38.95'
66	N 18°09'09" E	19.88'
67	S 80°00'31" E	10.09'
68	S 39°21'56" E	43.92'
69	S 18°51'05" E	36.47'
70	S 59°13'12" E	31.55'
71	S 00°09'41" W	9.66'
72	S 20°58'59" W	14.52'
73	S 51°06'41" W	22.88'
74	S 52°49'02" W	9.03'
75	S 54°05'41" W	30.22'
76	S 10°39'31" W	46.67'
77	S 40°06'54" E	38.07'
78	S 61°59'04" E	17.13'
79	S 50°57'38" E	41.50'
80	S 62°42'17" E	38.58'
81	S 42°24'05" E	34.05'
82	S 30°43'03" E	42.88'
83	S 43°55'27" E	41.14'
84	N 87°11'40" E	35.22'
85	S 80°15'35" E	39.10'
86	S 75°26'34" E	48.50'
87	S 55°24'24" E	36.67'
88	S 68°10'54" E	24.77'
89	S 67°24'28" E	39.66'
90	S 65°47'10" E	43.01'
91	S 48°36'56" E	38.17'
92	S 67°48'10" E	57.90'
93	S 64°32'03" E	49.69'
94	S 50°19'36" E	42.81'
95	S 47°41'49" E	38.02'
96	S 72°12'48" E	35.17'
97	N 80°11'58" E	33.67'
98	N 35°13'34" E	34.55'
99	N 32°04'56" E	38.22'
100	N 16°20'46" E	31.61'
101	N 05°31'13" E	42.82'
102	N 06°41'10" W	30.18'
103	N 20°53'15" E	22.38'
104	N 38°25'25" E	177.79'
105	N 51°20'01" W	24.15'
106	S 07°25'54" W	94.04'
107	S 67°12'38" E	18.11'
108	N 10°39'31" E	9.23'
109	N 54°05'41" E	13.72'
110	N 01°15'56" E	68.08'

CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	170.00'	35.37'	35.30'	S 13°19'36" W
2	530.00'	190.63'	189.60'	S 08°58'59" W

CONSERVATION AREA 3

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE ---------- — SHEET NO. 11 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON3-

DESCRIPTION OF CONSERVATION AREA 3: BEGIN AT THE MOST EASTERLY CORNER OF TRACT L, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTHERLY AND EASTERLY ALONG THE BOUNDARY OF SAID LAIRD POINT PHASE ONE AS FOLLOWS: NORTH 30 DEGREES 28 MINUTES 01 SECOND WEST FOR 317.83 FEET; SOUTH 83 DEGREES 03 MINUTES 26 SECONDS EAST FOR 381.93 FEET; NORTH 61 DEGREES 08 MINUTES 12 SECONDS EAST FOR 258.88 FEET; SOUTH 76 DEGREES 30 MINUTES 13 SECONDS EAST FOR 56.10 FEET; THENCE LEAVING THE BOUNDARY OF SAID LAIRD POINT PHASE ONE, SOUTH 78 DEGREES 27 MINUTES 08 SECONDS WEST FOR 23.11 FEET; THENCE SOUTH 20 DEGREES 44 MINUTES 21 SECONDS EAST FOR 65.21 FEET; THENCE SOUTH 13 DEGREES 55 MINUTES 53 SECONDS EAST FOR 32.02 FEET; THENCE SOUTH 10 DEGREES 57 MINUTES 55 SECONDS EAST FOR 50.43 FEET; THENCE NORTH 64 DEGREES 35 MINUTES 21 SECONDS EAST FOR 21.12 FEET; THENCE NORTH 54 DEGREES 23 MINUTES 12 SECONDS EAST FOR 74.34 FEET; THENCE NORTH 13 DEGREES 58 MINUTES 10 SECONDS EAST FOR 39.14 FEET; THENCE NORTH 28 DEGREES 49 MINUTES 24 SECONDS EAST FOR 36.43 FEET; THENCE SOUTH 55 DEGREES 26 MINUTES 05 SECONDS EAST FOR 3.82 FEET TO A NON-TANGENT CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 170.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 35.37 FEET, THE CHORD OF SAID ARC BEARING SOUTH 13 DEGREES 19 MINUTES 36 SECONDS WEST FOR 35.30 FEET TO A REVERSE CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 530.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 190.63 FEET, THE CHORD OF SAID ARC BEARING SOUTH 08 DEGREES 58 MINUTES 59 SECONDS WEST FOR 189.60 FEET; THENCE SOUTH 88 DEGREES 40 MINUTES 45 SECONDS WEST FOR 33.63 FEET; THENCE NORTH 51 DEGREES 47 MINUTES 45 SECONDS WEST FOR 119.13 FEET; THENCE SOUTH 86 DEGREES 41 MINUTES 49 SECONDS WEST FOR 108.72 FEET; THENCE SOUTH 38 DEGREES 12 MINUTES 15 SECONDS WEST FOR 135.90 FEET; THENCE SOUTH 10 DEGREES 17 MINUTES 20 SECONDS EAST FOR 108.72 FEET; THENCE SOUTH 51 DEGREES 47 MINUTES 45 SECONDS EAST FOR 94.80 FEET; THENCE SOUTH 61 DEGREES 21 MINUTES 41 SECONDS EAST FOR 126.13 FEET; THENCE SOUTH 79 DEGREES 52 MINUTES 18 SECONDS EAST FOR 54.27 FEET; THENCE SOUTH 17 DEGREES 08 MINUTES 31 SECONDS WEST FOR 74.95 FEET; THENCE SOUTH 49 DEGREES 21 MINUTES 56 SECONDS WEST FOR 46.88 FEET; THENCE SOUTH 16 DEGREES 09 MINUTES 32 SECONDS WEST FOR 71.21 FEET; THENCE SOUTH 48 DEGREES 58 MINUTES 20

CONSERVATION AREA 3

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE ---------- — SHEET NO. 12 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON3-

SECONDS WEST FOR 283.85 FEET; THENCE SOUTH 04 DEGREES 51 MINUTES 52 SECONDS WEST FOR 35.62 FEET; THENCE SOUTH 41 DEGREES 01 MINUTE 40 SECONDS EAST FOR 153.46 FEET; THENCE SOUTH 48 DEGREES 58 MINUTES 20 SECONDS WEST FOR 96 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF EAST BAY; THENCE MEANDER CLOCKWISE ALONG SAID MEAN HIGH WATER LINE OF EAST BAY AND THE MEAN HIGH WATER LINE OF BOGGY BAYOU FOR 2891 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 38 DEGREES 25 MINUTES 25 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE NORTH 38 DEGREES 25 MINUTES 25 SECONDS EAST ALONG SAID LINE FOR 178 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

LESS AND EXCEPT: COMMENCE AT THE MOST EASTERLY CORNER OF TRACT L, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTH 30 DEGREES 28 MINUTES 01 SECOND WEST FOR 317.83 FEET TO THE SOUTHWEST CORNER OF LOT 113, SAID LAIRD POINT PHASE ONE; THENCE SOUTH 81 DEGREES 47 MINUTES 14 SECONDS WEST FOR 676.84 FEET TO THE POINT OF BEGINNING. THENCE NORTH 51 DEGREES 20 MINUTES 01 SECOND WEST FOR 24.15 FEET; THENCE SOUTH 07 DEGREES 25 MINUTES 54 SECONDS WEST FOR 94.04 FEET; THENCE SOUTH 67 DEGREES 12 MINUTES 38 SECONDS EAST FOR 18 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF BOGGY BAYOU; THENCE NORTHERLY ALONG SAID MEAN HIGH WATER LINE FOR 23 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 01 DEGREE 15 MINUTES 56 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE NORTH 01 DEGREE 15 MINUTES 56 SECONDS EAST ALONG SAID LINE FOR 68 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 3

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

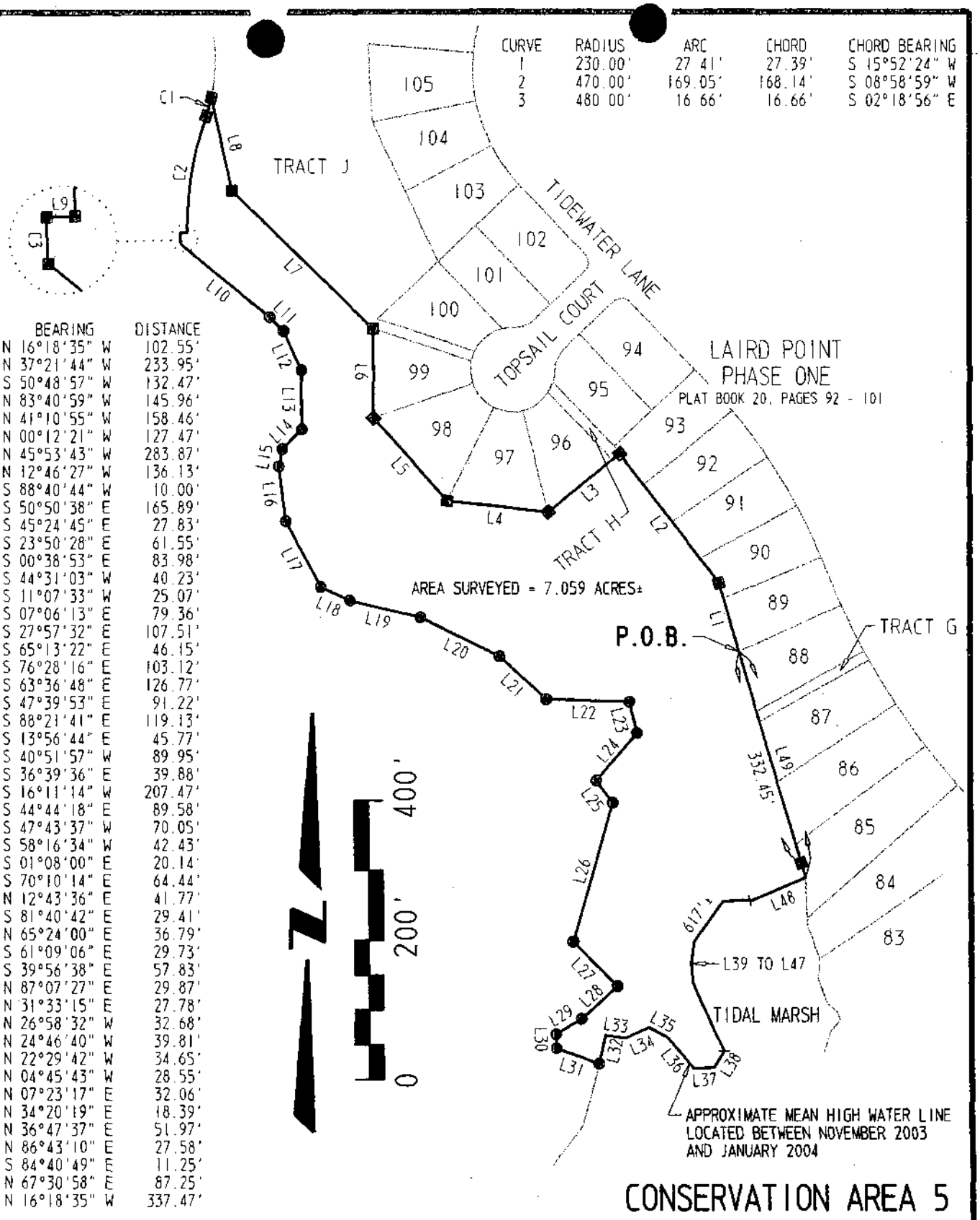
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY SCALE N/A
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO. 9682
ELEVATION REFERENCE SHEET NO. 13 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON3-



CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	230.00'	27.41'	27.39'	S 15°52'24" W
2	470.00'	169.05'	168.14'	S 08°58'59" W
3	480.00'	16.66'	16.66'	S 02°18'56" E

LINE	BEARING	DISTANCE
1	N 16°18'35" W	102.55'
2	N 37°21'44" W	233.95'
3	S 50°48'57" W	132.47'
4	N 83°40'59" W	145.96'
5	N 41°10'55" W	158.46'
6	N 00°12'21" W	127.47'
7	N 45°53'43" W	283.87'
8	N 12°46'27" W	136.13'
9	S 88°40'44" W	10.00'
10	S 50°50'38" E	165.89'
11	S 45°24'45" E	27.83'
12	S 23°50'28" E	61.55'
13	S 00°38'53" E	83.98'
14	S 44°31'03" W	40.23'
15	S 11°07'33" W	25.07'
16	S 07°06'13" E	79.36'
17	S 27°57'32" E	107.51'
18	S 65°13'22" E	46.15'
19	S 76°28'16" E	103.12'
20	S 63°36'48" E	126.77'
21	S 47°39'53" E	91.22'
22	S 88°21'41" E	119.13'
23	S 13°56'44" E	45.77'
24	S 40°51'57" W	89.95'
25	S 36°39'36" E	39.88'
26	S 16°11'14" W	207.47'
27	S 44°44'18" E	89.58'
28	S 47°43'37" W	70.05'
29	S 58°16'34" W	42.43'
30	S 01°08'00" E	20.14'
31	S 70°10'14" E	64.44'
32	N 12°43'36" E	41.77'
33	S 81°40'42" E	29.41'
34	N 65°24'00" E	36.79'
35	S 61°09'06" E	29.73'
36	S 39°56'38" E	57.83'
37	N 87°07'27" E	29.87'
38	N 31°33'15" E	27.78'
39	N 26°58'32" W	32.68'
40	N 24°46'40" W	39.81'
41	N 22°29'42" W	34.65'
42	N 04°45'43" W	28.55'
43	N 07°23'17" E	32.06'
44	N 34°20'19" E	18.39'
45	N 36°47'37" E	51.97'
46	N 86°43'10" E	27.58'
47	S 84°40'49" E	11.25'
48	N 67°30'58" E	87.25'
49	N 16°18'35" W	337.47'

CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

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CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9682
ELEVATION REFERENCE — SHEET NO. 16 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONS-

DESCRIPTION OF CONSERVATION AREA 4: COMMENCE AT THE NORTHEAST CORNER OF LOT 110, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 07 DEGREES 08 MINUTES 51 SECONDS EAST FOR 182.62 FEET TO THE SOUTHEAST CORNER OF SAID LOT 110; THENCE SOUTH 07 DEGREES 33 MINUTES 06 SECONDS EAST FOR 936.93 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 41 DEGREES 01 MINUTE 40 SECONDS EAST FOR 109.96 FEET; THENCE SOUTH 86 DEGREES 59 MINUTES 07 SECONDS EAST FOR 35.66 FEET; THENCE NORTH 48 DEGREES 58 MINUTES 20 SECONDS EAST FOR 280.90 FEET; THENCE SOUTH 73 DEGREES 24 MINUTES 45 SECONDS EAST FOR 172.46 FEET; THENCE SOUTH 72 DEGREES 01 MINUTE 13 SECONDS EAST FOR 63.57 FEET; THENCE SOUTH 54 DEGREES 37 MINUTES 37 SECONDS EAST FOR 54.96 FEET; THENCE SOUTH 32 DEGREES 21 MINUTES 03 SECONDS EAST FOR 46.56 FEET; THENCE SOUTH 34 DEGREES 32 MINUTES 32 SECONDS WEST FOR 118.36 FEET; THENCE SOUTH 22 DEGREES 33 MINUTES 21 SECONDS EAST FOR 58.21 FEET; THENCE SOUTH 33 DEGREES 13 MINUTES 40 SECONDS WEST FOR 32.35 FEET; THENCE SOUTH 02 DEGREES 19 MINUTES 02 SECONDS EAST FOR 41.97 FEET; THENCE SOUTH 66 DEGREES 19 MINUTES 13 SECONDS EAST FOR 29.29 FEET; THENCE SOUTH 14 DEGREES 10 MINUTES 18 SECONDS EAST FOR 34.67 FEET; THENCE SOUTH 22 DEGREES 30 MINUTES 29 SECONDS WEST FOR 27.73 FEET; THENCE NORTH 67 DEGREES 29 MINUTES 31 SECONDS WEST FOR 65.00 FEET; THENCE SOUTH 22 DEGREES 30 MINUTES 29 SECONDS WEST FOR 40.00 FEET; THENCE SOUTH 43 DEGREES 32 MINUTES 10 SECONDS WEST FOR 122.57 FEET; THENCE SOUTH 01 DEGREE 08 MINUTES 24 SECONDS WEST FOR 97 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF EAST BAY; THENCE NORTHWESTERLY ALONG SAID MEAN HIGH WATER LINE FOR 677 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 48 DEGREES 58 MINUTES 20 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE NORTH 48 DEGREES 58 MINUTES 20 SECONDS EAST ALONG SAID LINE FOR 95 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 4

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

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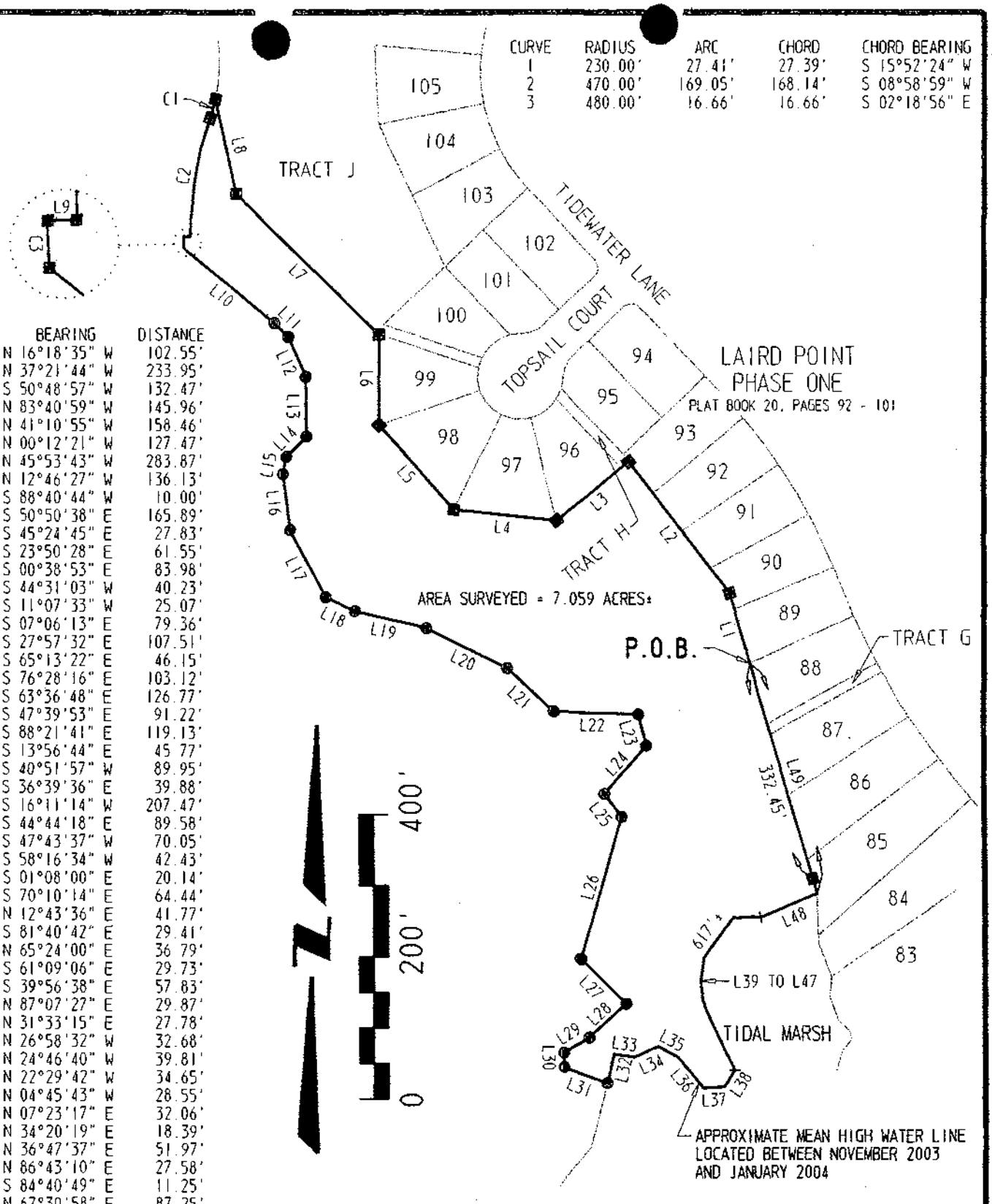
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 15 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON4-



CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	230.00'	27.41'	27.39'	S 15°52'24" W
2	470.00'	169.05'	168.14'	S 08°58'59" W
3	480.00'	16.66'	16.66'	S 02°18'56" E

LINE	BEARING	DISTANCE
1	N 16°18'35" W	102.55'
2	N 37°21'44" W	233.95'
3	S 50°48'57" W	132.47'
4	N 83°40'59" W	145.96'
5	N 41°10'55" W	158.46'
6	N 00°12'21" W	127.47'
7	N 45°53'43" W	283.87'
8	N 12°46'27" W	136.13'
9	S 88°40'44" W	10.00'
10	S 50°50'38" E	165.89'
11	S 45°24'45" E	27.83'
12	S 23°50'28" E	61.55'
13	S 00°38'53" E	83.98'
14	S 44°31'03" W	40.23'
15	S 11°07'33" W	25.07'
16	S 07°06'13" E	79.36'
17	S 27°57'32" E	107.51'
18	S 65°13'22" E	46.15'
19	S 76°28'16" E	103.12'
20	S 63°36'48" E	126.77'
21	S 47°39'53" E	91.22'
22	S 88°21'41" E	119.13'
23	S 13°56'44" E	45.77'
24	S 40°51'57" W	89.95'
25	S 36°39'36" E	39.88'
26	S 16°11'14" W	207.47'
27	S 44°44'18" E	89.58'
28	S 47°43'37" W	70.05'
29	S 58°16'34" W	42.43'
30	S 01°08'00" E	20.14'
31	S 70°10'14" E	64.44'
32	N 12°43'36" E	41.77'
33	S 81°40'42" E	29.41'
34	N 65°24'00" E	36.79'
35	S 61°09'06" E	29.73'
36	S 39°56'38" E	57.83'
37	N 87°07'27" E	29.87'
38	N 31°33'15" E	27.78'
39	N 26°58'32" W	32.68'
40	N 24°46'40" W	39.81'
41	N 22°29'42" W	34.65'
42	N 04°45'43" W	28.55'
43	N 07°23'17" E	32.06'
44	N 34°20'19" E	18.39'
45	N 36°47'37" E	51.97'
46	N 86°43'10" E	27.58'
47	S 84°40'49" E	11.25'
48	N 67°30'58" E	87.25'
49	N 16°18'35" W	337.47'

CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 16 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONS-

DESCRIPTION OF CONSERVATION AREA 5: BEGIN AT THE SOUTHWEST CORNER OF LOT 89, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTHERLY ALONG THE WESTERLY BOUNDARY OF SAID LAIRD POINT PHASE ONE AS FOLLOWS: NORTH 16 DEGREES 18 MINUTES 35 SECONDS WEST FOR 102.55 FEET; NORTH 37 DEGREES 21 MINUTES 44 SECONDS WEST FOR 233.95 FEET; SOUTH 50 DEGREES 48 MINUTES 57 SECONDS WEST FOR 132.47 FEET; NORTH 83 DEGREES 40 MINUTES 59 SECONDS WEST FOR 145.96 FEET; NORTH 41 DEGREES 10 MINUTES 55 SECONDS WEST FOR 158.46 FEET; NORTH 00 DEGREES 12 MINUTES 21 SECONDS WEST FOR 127.47 FEET; NORTH 45 DEGREES 53 MINUTES 43 SECONDS WEST FOR 283.87 FEET; NORTH 12 DEGREES 46 MINUTES 27 SECONDS WEST FOR 136.13 FEET TO A NON-TANGENT CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 230.00 FEET; THENCE LEAVING THE WESTERLY BOUNDARY OF SAID LAIRD POINT PHASE ONE, SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 27.41 FEET, THE CHORD OF SAID ARC BEARING SOUTH 15 DEGREES 52 MINUTES 24 SECONDS WEST FOR 27.39 FEET TO A REVERSE CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 470.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 169.05 FEET, THE CHORD OF SAID ARC BEARING SOUTH 08 DEGREES 58 MINUTES 59 SECONDS WEST FOR 168.14 FEET; THENCE SOUTH 88 DEGREES 40 MINUTES 45 SECONDS WEST FOR 10.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 480.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 16.66 FEET, THE CHORD OF SAID ARC BEARING SOUTH 02 DEGREES 18 MINUTES 56 SECONDS EAST FOR 16.66 FEET; THENCE SOUTH 50 DEGREES 50 MINUTES 38 SECONDS EAST FOR 165.89 FEET; THENCE SOUTH 45 DEGREES 24 MINUTES 45 SECONDS EAST FOR 27.83 FEET; THENCE SOUTH 23 DEGREES 50 MINUTES 28 SECONDS EAST FOR 61.55 FEET; THENCE SOUTH 00 DEGREES 38 MINUTES 53 SECONDS EAST FOR 83.98 FEET; THENCE SOUTH 44 DEGREES 31 MINUTES 03 SECONDS WEST FOR 40.23 FEET; THENCE SOUTH 11 DEGREES 07 MINUTES 33 SECONDS WEST FOR 25.07 FEET; THENCE SOUTH 07 DEGREES 06 MINUTES 13 SECONDS EAST FOR 79.36 FEET; THENCE SOUTH 27 DEGREES 57 MINUTES 32 SECONDS EAST FOR 107.51 FEET; THENCE SOUTH 65 DEGREES 13 MINUTES 22 SECONDS EAST FOR 46.15 FEET; THENCE SOUTH 76 DEGREES 28 MINUTES 16 SECONDS EAST FOR 103.12 FEET; THENCE SOUTH 63 DEGREES 36 MINUTES 48 SECONDS EAST FOR 126.77 FEET; THENCE SOUTH 47 DEGREES 39 MINUTES 53 SECONDS EAST FOR 91.22 FEET; THENCE SOUTH 88

CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 17 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONS-

DEGREES 21 MINUTES 41 SECONDS EAST FOR 119.13 FEET; THENCE SOUTH 13 DEGREES 56 MINUTES 44 SECONDS EAST FOR 45.77 FEET; THENCE SOUTH 40 DEGREES 51 MINUTES 57 SECONDS WEST FOR 89.95 FEET; THENCE SOUTH 36 DEGREES 39 MINUTES 36 SECONDS EAST FOR 39.88 FEET; THENCE SOUTH 16 DEGREES 11 MINUTES 14 SECONDS WEST FOR 207.47 FEET; THENCE SOUTH 44 DEGREES 44 MINUTES 18 SECONDS EAST FOR 89.58 FEET; THENCE SOUTH 47 DEGREES 43 MINUTES 37 SECONDS WEST FOR 70.05 FEET; THENCE SOUTH 58 DEGREES 16 MINUTES 34 SECONDS WEST FOR 42.43 FEET; THENCE SOUTH 01 DEGREE 08 MINUTES 00 SECONDS EAST FOR 20.14 FEET; THENCE SOUTH 70 DEGREES 10 MINUTES 14 SECONDS EAST FOR 64 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY; THENCE MEANDER COUNTERCLOCKWISE ALONG SAID MEAN HIGH WATER LINE FOR 617 FEET, MORE OR LESS, TO THE WESTERLY BOUNDARY OF SAID LAIRD POINT PHASE ONE; THENCE NORTH 16 DEGREES 18 MINUTES 35 SECONDS WEST ALONG SAID WESTERLY BOUNDARY FOR 337 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

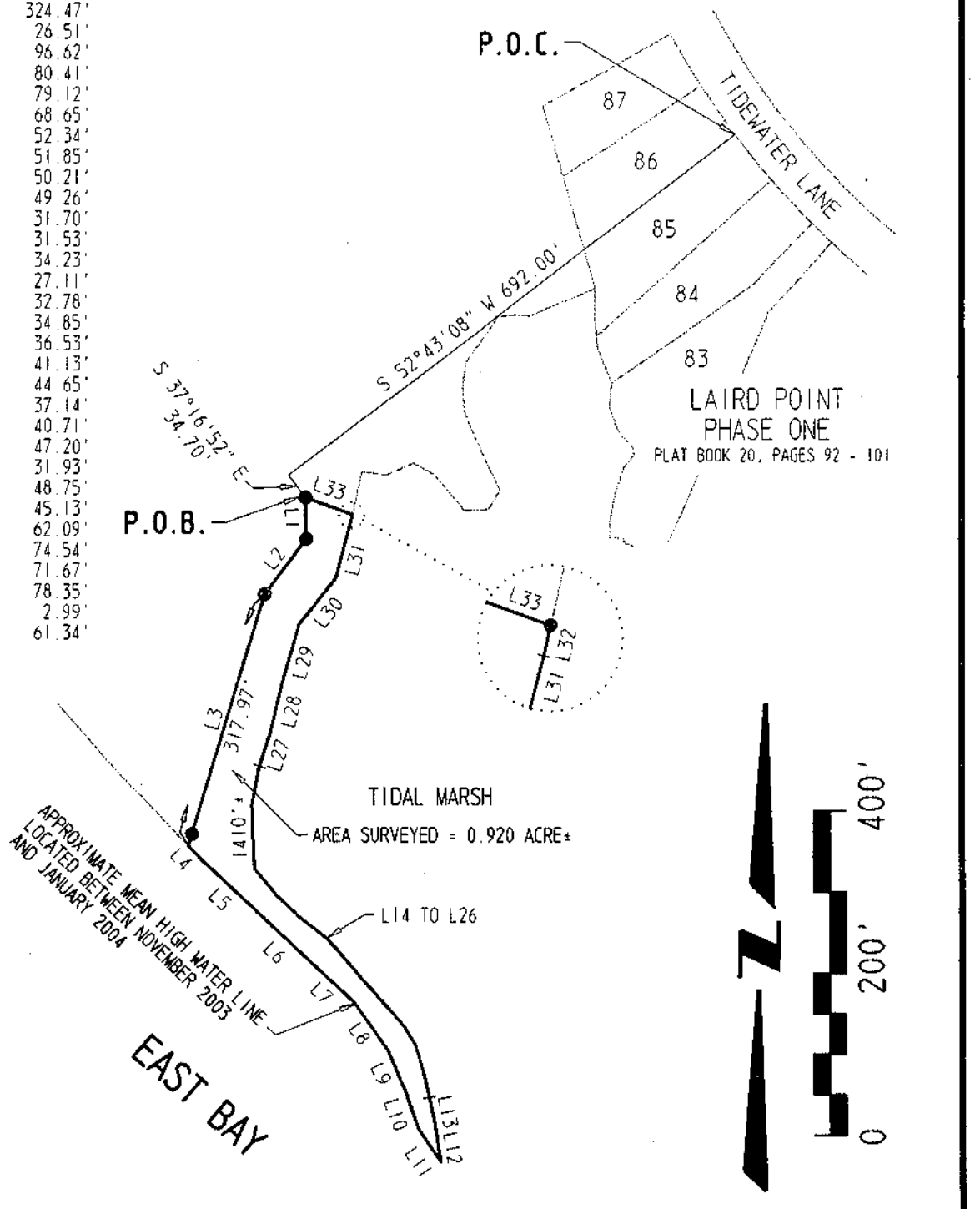
PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 18 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONS-

LINE	BEARING	DISTANCE
1	S 01°08'00" E	50.93'
2	S 36°45'14" W	84.60'
3	S 16°57'12" W	324.47'
4	S 43°35'20" E	26.51'
5	S 47°14'55" E	96.62'
6	S 46°37'28" E	80.41'
7	S 46°29'34" E	79.12'
8	S 35°04'19" E	68.65'
9	S 23°03'25" E	52.34'
10	S 19°19'02" E	51.85'
11	S 34°02'47" E	50.21'
12	N 08°55'10" W	49.26'
13	N 11°58'52" W	31.70'
14	N 12°14'40" W	31.53'
15	N 17°18'59" W	34.23'
16	N 30°50'55" W	27.11'
17	N 40°21'56" W	32.78'
18	N 41°33'32" W	34.85'
19	N 41°13'27" W	36.53'
20	N 41°01'24" W	41.13'
21	N 51°42'43" W	44.65'
22	N 46°11'17" W	37.14'
23	N 39°48'32" W	40.71'
24	N 02°23'04" W	47.20'
25	N 02°15'56" W	31.93'
26	N 11°07'11" E	48.75'
27	N 17°55'10" E	45.13'
28	N 13°24'44" E	62.09'
29	N 15°58'23" E	74.54'
30	N 38°01'26" E	71.67'
31	N 14°56'35" E	78.35'
32	N 12°43'36" E	2.99'
33	N 70°10'14" W	61.34'



CONSERVATION AREA 6

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'

SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT

SOURCE OF INFORMATION NEW PARCELS — F B 954 — PA 15

BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9682

ELEVATION REFERENCE ____ — SHEET NO. 19 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE CON6-

DESCRIPTION OF CONSERVATION AREA 6: COMMENCE AT THE MOST EASTERLY CORNER OF LOT 86, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 52 DEGREES 43 MINUTES 08 SECONDS WEST ALONG THE SOUTH LINE OF SAID LOT 86 AND A SOUTHWESTERLY EXTENSION THEREOF FOR 692.00 FEET; THENCE SOUTH 37 DEGREES 16 MINUTES 52 SECONDS EAST FOR 34.70 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 01 DEGREE 08 MINUTES 00 SECONDS EAST FOR 50.93 FEET; THENCE SOUTH 36 DEGREES 45 MINUTES 14 SECONDS WEST FOR 84.60 FEET; THENCE SOUTH 16 DEGREES 57 MINUTES 12 SECONDS WEST FOR 324 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF EAST BAY; THENCE MEANDER COUNTERCLOCKWISE ALONG SAID MEAN HIGH WATER LINE OF EAST BAY AND ALONG THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY FOR 1410 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 70 DEGREES 10 MINUTES 14 SECONDS EAST FROM THE POINT OF BEGINNING; THENCE NORTH 70 DEGREES 10 MINUTES 14 SECONDS WEST ALONG SAID LINE FOR 61 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 6

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

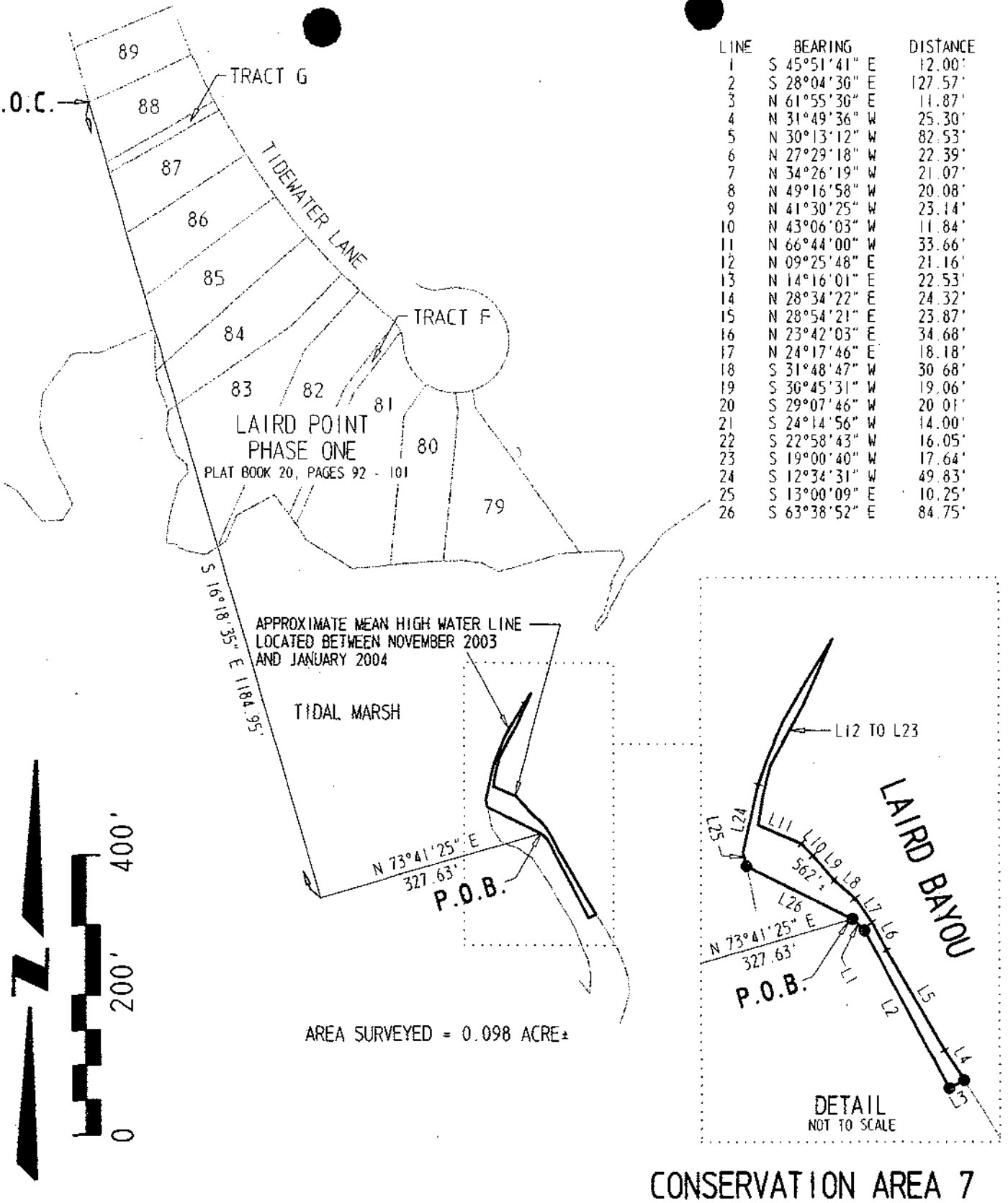
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 20 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON6-



LINE	BEARING	DISTANCE
1	S 45°51'41" E	12.00'
2	S 28°04'30" E	127.57'
3	N 61°55'30" E	11.87'
4	N 31°49'36" W	25.30'
5	N 30°13'12" W	82.53'
6	N 27°29'18" W	22.39'
7	N 34°26'19" W	21.07'
8	N 49°16'58" W	20.08'
9	N 41°30'25" W	23.14'
10	N 43°06'03" W	11.84'
11	N 66°44'00" W	33.66'
12	N 09°25'48" E	21.16'
13	N 14°16'01" E	22.53'
14	N 28°34'22" E	24.32'
15	N 28°54'21" E	23.87'
16	N 23°42'03" E	34.68'
17	N 24°17'46" E	18.18'
18	S 31°48'47" W	30.68'
19	S 30°45'31" W	19.06'
20	S 29°07'46" W	20.01'
21	S 24°14'56" W	14.00'
22	S 22°58'43" W	16.05'
23	S 19°00'40" W	17.64'
24	S 12°34'31" W	49.83'
25	S 13°00'09" E	10.25'
26	S 63°38'52" E	84.75'

CONSERVATION AREA 7

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 21 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON7-

DESCRIPTION OF CONSERVATION AREA 7: COMMENCE AT THE NORTHWEST CORNER OF LOT 88, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST ALONG THE WESTERLY LINE OF SAID LOT 88 AND A SOUTHEASTERLY EXTENSION THEREOF FOR 1184.95 FEET; THENCE NORTH 73 DEGREES 41 MINUTES 25 SECONDS EAST FOR 327.63 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 45 DEGREES 51 MINUTES 41 SECONDS EAST FOR 12.00 FEET; THENCE SOUTH 28 DEGREES 04 MINUTES 30 SECONDS EAST FOR 127.57 FEET; THENCE NORTH 61 DEGREES 55 MINUTES 30 SECONDS EAST FOR 12 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF LAIRD BAYOU; THENCE MEANDER COUNTERCLOCKWISE ALONG SAID MEAN HIGH WATER LINE OF LAIRD BAYOU AND ALONG THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY FOR 562 FEET, MORE OR LESS, TO A LINE THAT BEARS NORTH 63 DEGREES 38 MINUTES 52 SECONDS WEST FROM THE POINT OF BEGINNING. THENCE SOUTH 63 DEGREES 38 MINUTES 52 SECONDS EAST ALONG SAID LINE FOR 85 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 7

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
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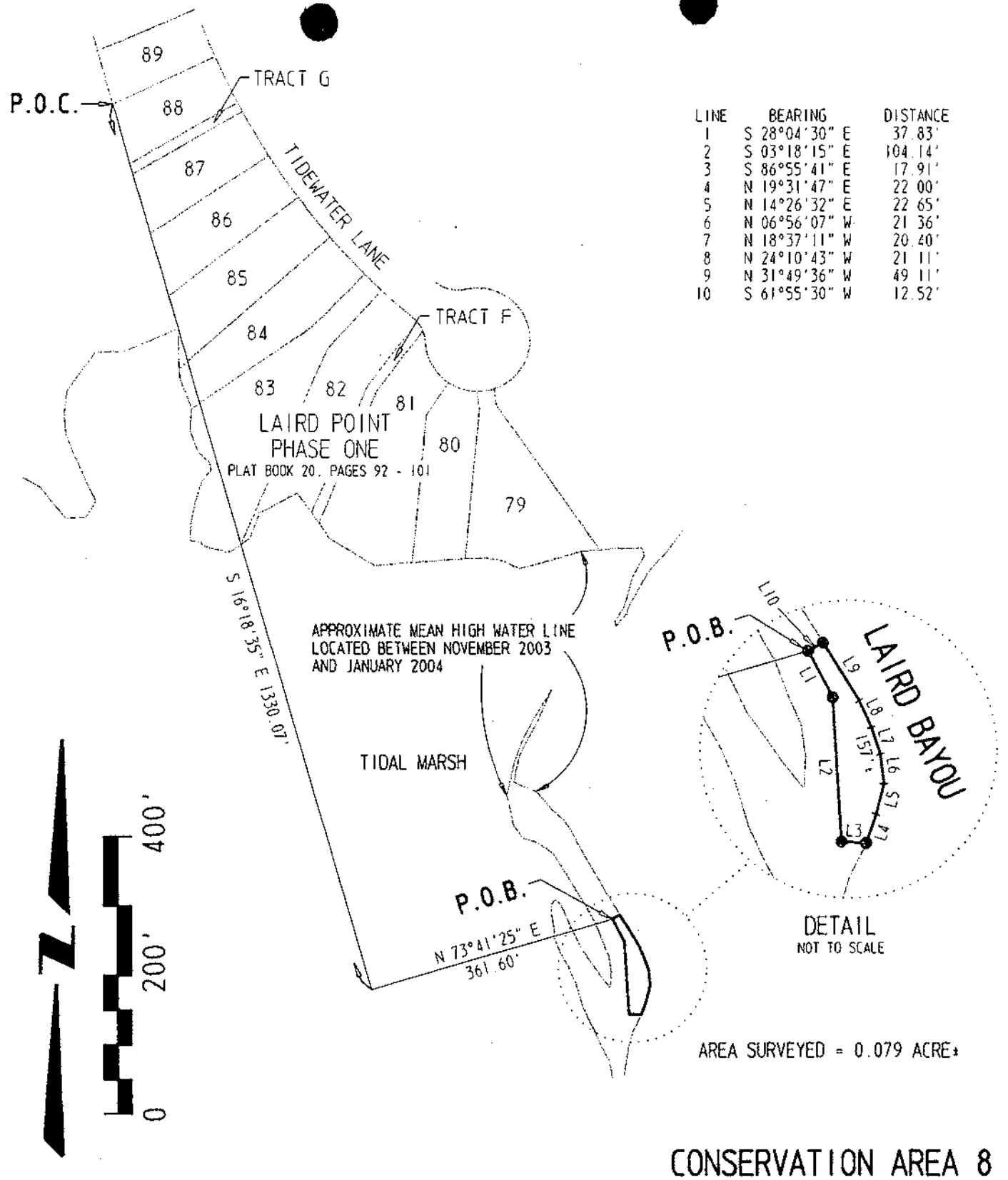
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 22 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON7-



LINE	BEARING	DISTANCE
1	S 28°04'30" E	37.83'
2	S 03°18'15" E	104.14'
3	S 86°55'41" E	17.91'
4	N 19°31'47" E	22.00'
5	N 14°26'32" E	22.65'
6	N 06°56'07" W	21.36'
7	N 18°37'11" W	20.40'
8	N 24°10'43" W	21.11'
9	N 31°49'36" W	49.11'
10	S 61°55'30" W	12.52'

AREA SURVEYED = 0.079 ACRE±

CONSERVATION AREA 8

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 23 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON8-

DESCRIPTION OF CONSERVATION AREA 8: COMMENCE AT THE NORTHWEST CORNER OF LOT 88, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST ALONG THE WESTERLY LINE OF SAID LOT 88 AND A SOUTHEASTERLY EXTENSION THEREOF FOR 1330.07 FEET; THENCE NORTH 73 DEGREES 41 MINUTES 25 SECONDS EAST FOR 361.60 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 28 DEGREES 04 MINUTES 30 SECONDS EAST FOR 37.83 FEET; THENCE SOUTH 03 DEGREES 18 MINUTES 15 SECONDS EAST FOR 104.14 FEET; THENCE SOUTH 86 DEGREES 55 MINUTES 41 SECONDS EAST FOR 18 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF LAIRD BAYOU; THENCE NORTHERLY ALONG SAID MEAN HIGH WATER LINE FOR 157 FEET, MORE OR LESS, TO A LINE THAT BEARS NORTH 61 DEGREES 55 MINUTES 30 SECONDS EAST FROM THE POINT OF BEGINNING; THENCE SOUTH 61 DEGREES 55 MINUTES 30 SECONDS WEST ALONG SAID LINE FOR 13 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 8

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

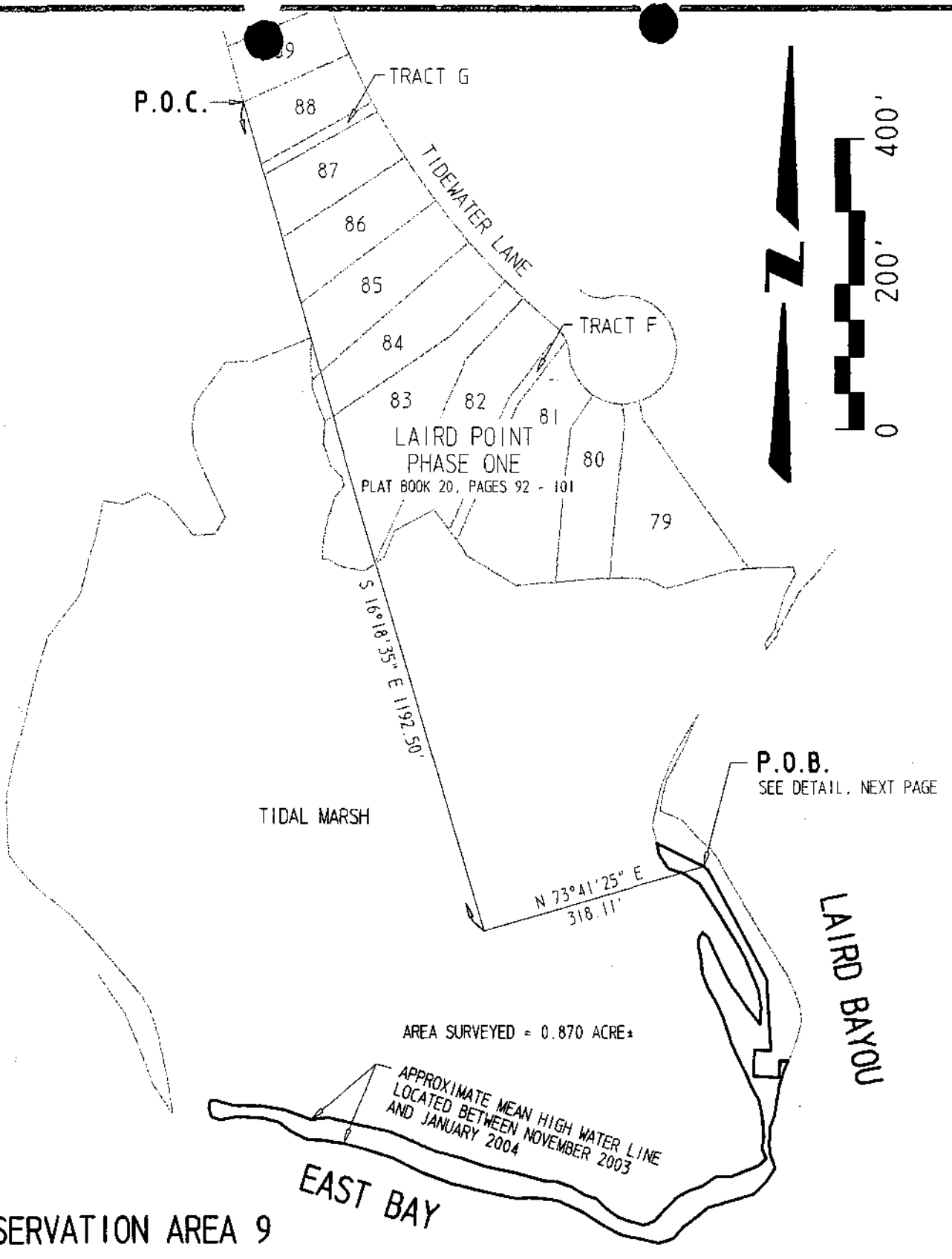
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY SCALE N/A
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO. 9682
ELEVATION REFERENCE SHEET NO: 24 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON8-



CONSERVATION AREA 9

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

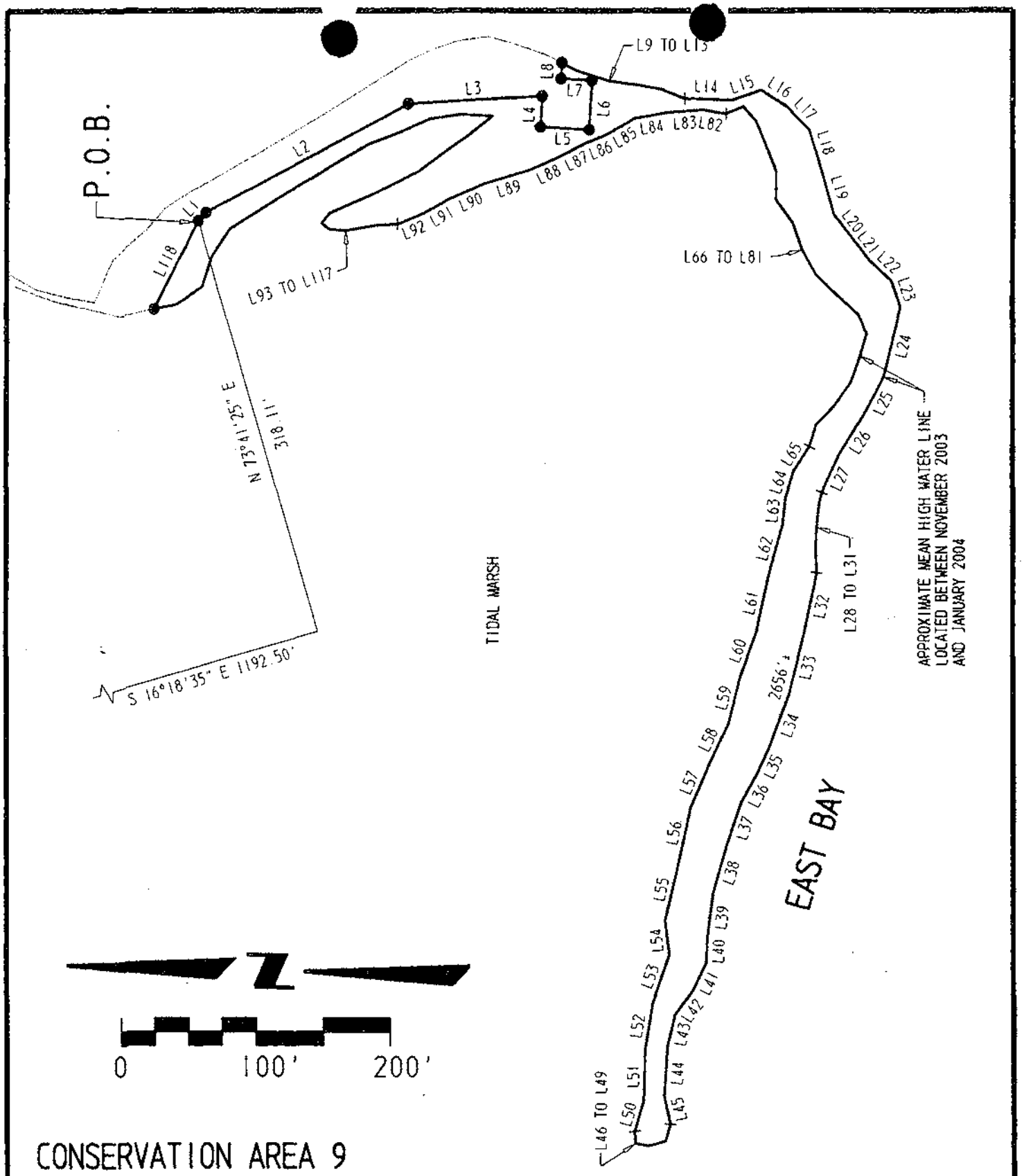
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 25 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON9-



CONSERVATION AREA 9

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 100'
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9682
ELEVATION REFERENCE — SHEET NO. 26 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON9-

LINE	BEARING	DISTANCE
1	S 45°51'41" E	8.24'
2	S 28°04'30" E	170.88'
3	S 03°18'15" E	99.16'
4	N 86°55'41" W	22.63'
5	S 03°04'19" W	36.00'
6	S 86°55'41" E	36.00'
7	N 03°04'19" E	23.00'
8	S 86°55'41" E	11.65'
9	S 27°41'09" W	12.73'
10	S 16°34'27" W	25.01'
11	S 08°41'32" W	26.63'
12	S 10°07'42" W	13.47'
13	S 20°39'40" W	18.50'
14	S 01°43'41" W	35.34'
15	S 18°36'22" E	22.99'
16	S 32°40'42" W	23.23'
17	S 46°14'42" W	23.61'
18	S 73°37'30" W	23.12'
19	S 73°19'31" W	42.61'
20	S 51°43'56" W	30.51'
21	S 52°14'35" W	12.54'
22	S 42°46'10" W	21.81'
23	S 70°51'06" W	20.82'
24	N 76°30'38" W	53.18'
25	N 62°27'34" W	33.19'
26	N 57°41'15" W	32.48'
27	N 64°40'18" W	32.17'
28	N 77°01'08" W	8.09'
29	N 83°31'55" W	16.70'
30	N 86°58'10" W	17.19'
31	S 86°51'35" W	18.06'
32	N 78°13'39" W	45.88'
33	N 75°53'46" W	45.87'
34	N 69°43'27" W	41.50'
35	N 65°08'23" W	23.31'
36	N 61°35'43" W	23.85'
37	N 70°52'31" W	31.27'
38	N 74°19'17" W	39.12'
39	N 82°40'29" W	31.31'
40	N 86°44'03" W	20.31'
41	N 64°25'03" W	23.04'
42	N 52°43'26" W	22.14'
43	N 76°22'36" W	24.09'
44	N 86°25'42" W	37.77'
45	S 77°58'48" W	21.24'
46	N 74°29'57" W	13.14'
47	N 14°52'07" W	13.46'
48	N 09°37'06" E	9.86'
49	N 87°30'47" E	9.10'
50	S 73°59'21" E	23.98'
51	S 88°25'49" E	37.69'
52	S 80°42'04" E	35.34'
53	S 70°10'08" E	38.11'
54	N 83°16'32" E	25.73'
55	S 76°51'21" E	45.42'
56	S 77°39'37" E	40.53'
57	S 67°03'48" E	35.33'
58	S 64°58'09" E	33.54'
59	S 75°36'09" E	36.10'
60	S 70°10'12" E	35.38'
61	S 78°03'37" E	40.88'
62	S 74°46'21" E	40.76'
63	S 84°28'39" E	19.80'
64	S 72°02'10" E	20.33'
65	S 57°20'01" E	21.75'
66	S 72°54'07" E	16.84'
67	S 45°28'04" E	19.46'
68	S 54°47'12" E	21.10'
69	S 69°56'15" E	17.25'
70	S 73°06'47" E	20.91'
71	N 67°16'25" E	15.63'
72	N 41°58'02" E	21.77'
73	N 43°29'05" E	22.60'
74	N 61°30'01" E	20.50'
75	N 70°27'37" E	21.05'
76	N 54°27'56" E	21.30'
77	N 89°50'29" E	20.80'
78	N 68°39'50" E	22.67'
79	N 67°53'52" E	17.85'
80	N 48°57'30" E	14.15'
81	N 22°13'17" W	14.15'
82	N 08°29'31" E	17.40'
83	N 03°47'33" W	26.32'
84	N 09°51'18" W	25.62'
85	N 29°43'12" W	23.54'
86	N 21°54'01" W	18.14'
87	N 27°33'54" W	20.31'
88	N 24°26'49" W	24.88'
89	N 17°02'28" W	35.25'
90	N 23°29'23" W	26.18'
91	N 29°52'15" W	23.03'
92	N 22°05'39" W	21.52'
93	N 02°28'11" W	15.16'
94	N 09°58'52" W	24.08'
95	N 04°27'28" E	12.27'
96	N 38°33'14" E	7.26'
97	S 51°54'16" E	9.32'
98	S 24°28'43" E	17.32'
99	S 23°52'00" E	17.82'
100	S 25°34'16" E	18.69'
101	S 26°26'20" E	20.63'
102	S 36°42'11" E	19.73'
103	S 34°52'31" E	23.52'
104	S 38°52'21" E	24.16'
105	N 03°06'44" E	23.25'
106	N 08°09'52" W	23.05'
107	N 23°37'28" W	22.74'
108	N 20°59'39" W	26.63'
109	N 29°16'10" W	23.86'
110	N 31°54'56" W	23.30'
111	N 29°58'51" W	23.79'
112	N 32°48'41" W	24.25'
113	N 32°42'00" W	25.95'
114	N 56°58'53" W	24.90'
115	N 72°25'22" W	22.90'
116	N 34°37'25" W	23.01'
117	N 11°29'38" W	17.14'
118	S 63°38'52" E	73.22'

CONSERVATION AREA 9

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A

SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT

SOURCE OF INFORMATION NEW PARCELS — F.B 954 — PG. 15

BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682

ELEVATION-REFERENCE — SHEET NO: 27 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE 9682-CONSERVE LAYER CODE: CON9-

DESCRIPTION OF CONSERVATION AREA 9: COMMENCE AT THE NORTHWEST CORNER OF LOT 88, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST ALONG THE WESTERLY LINE OF SAID LOT 88 AND A SOUTHEASTERLY EXTENSION THEREOF FOR 1192.50 FEET; THENCE NORTH 73 DEGREES 41 MINUTES 25 SECONDS EAST FOR 318.11 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 45 DEGREES 51 MINUTES 41 SECONDS EAST FOR 8.24 FEET; THENCE SOUTH 28 DEGREES 04 MINUTES 30 SECONDS EAST FOR 170.88 FEET; THENCE SOUTH 03 DEGREES 18 MINUTES 15 SECONDS EAST FOR 99.16 FEET; THENCE NORTH 86 DEGREES 55 MINUTES 41 SECONDS WEST FOR 22.63 FEET; THENCE SOUTH 03 DEGREES 04 MINUTES 19 SECONDS WEST FOR 36.00 FEET; THENCE SOUTH 86 DEGREES 55 MINUTES 41 SECONDS EAST FOR 36.00 FEET; THENCE NORTH 03 DEGREES 04 MINUTES 19 SECONDS EAST FOR 23.00 FEET; THENCE SOUTH 86 DEGREES 55 MINUTES 41 SECONDS EAST FOR 12 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF LAIRD BAYOU; THENCE MEANDER CLOCKWISE ALONG THE MEAN HIGH WATER LINE OF SAID LAIRD BAYOU, ALONG THE MEAN HIGH WATER LINE OF EAST BAY, AND ALONG THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY FOR 2656 FEET, MORE OR LESS, TO A LINE THAT BEARS NORTH 63 DEGREES 38 MINUTES 52 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE SOUTH 63 DEGREES 38 MINUTES 52 SECONDS EAST ALONG SAID LINE FOR 73 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 9

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

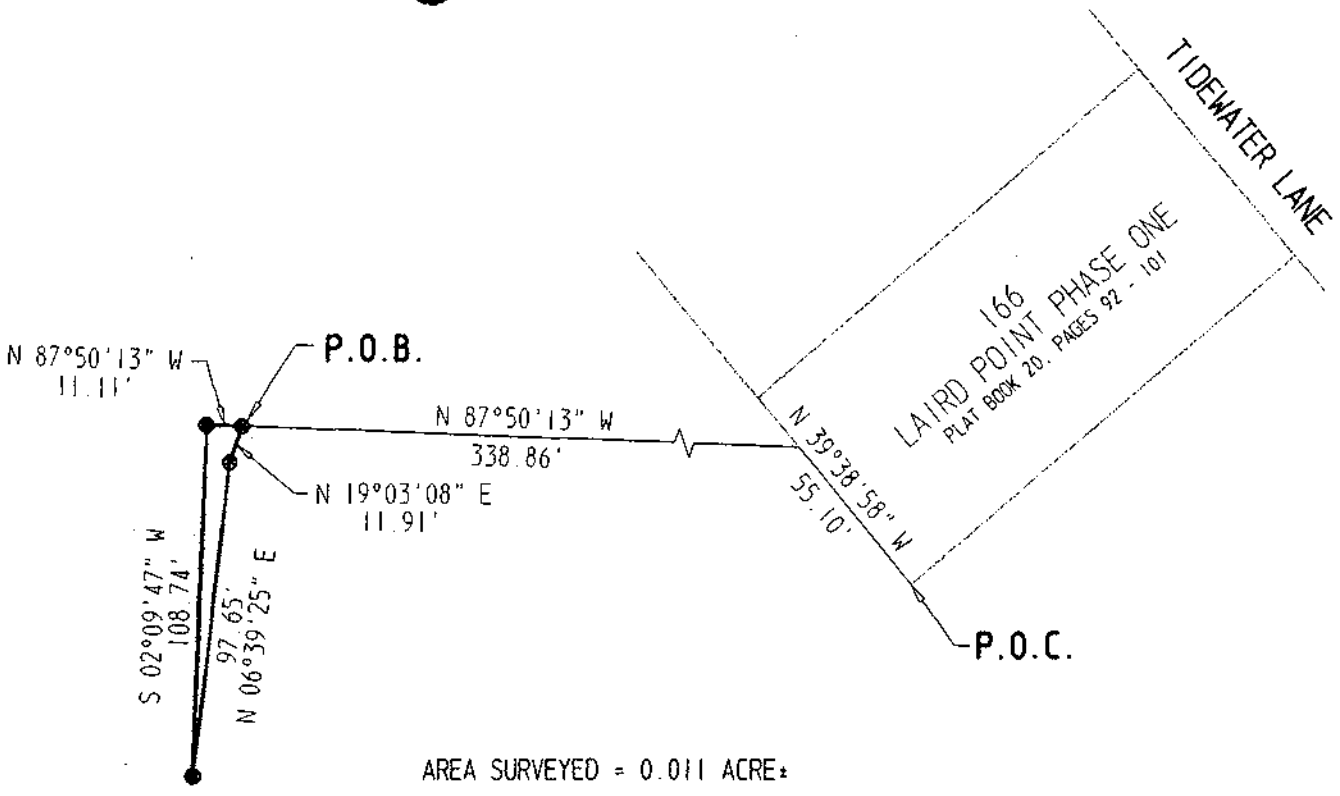
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 28 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE CON9-



AREA SURVEYED = 0.011 ACRE±

DESCRIPTION OF CONSERVATION AREA 10: COMMENCE AT THE MOST SOUTHERLY CORNER OF LOT 166, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTH 39 DEGREES 38 MINUTES 58 SECONDS WEST ALONG THE SOUTHWESTERLY LINE OF SAID LOT 166 FOR 55.10 FEET; THENCE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 338.86 FEET TO THE POINT OF BEGINNING. THENCE CONTINUE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 11.11 FEET; THENCE SOUTH 02 DEGREES 09 MINUTES 47 SECONDS WEST FOR 108.74 FEET; THENCE NORTH 06 DEGREES 39 MINUTES 25 SECONDS EAST FOR 97.65 FEET; THENCE NORTH 19 DEGREES 03 MINUTES 08 SECONDS EAST FOR 11.91 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 10

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

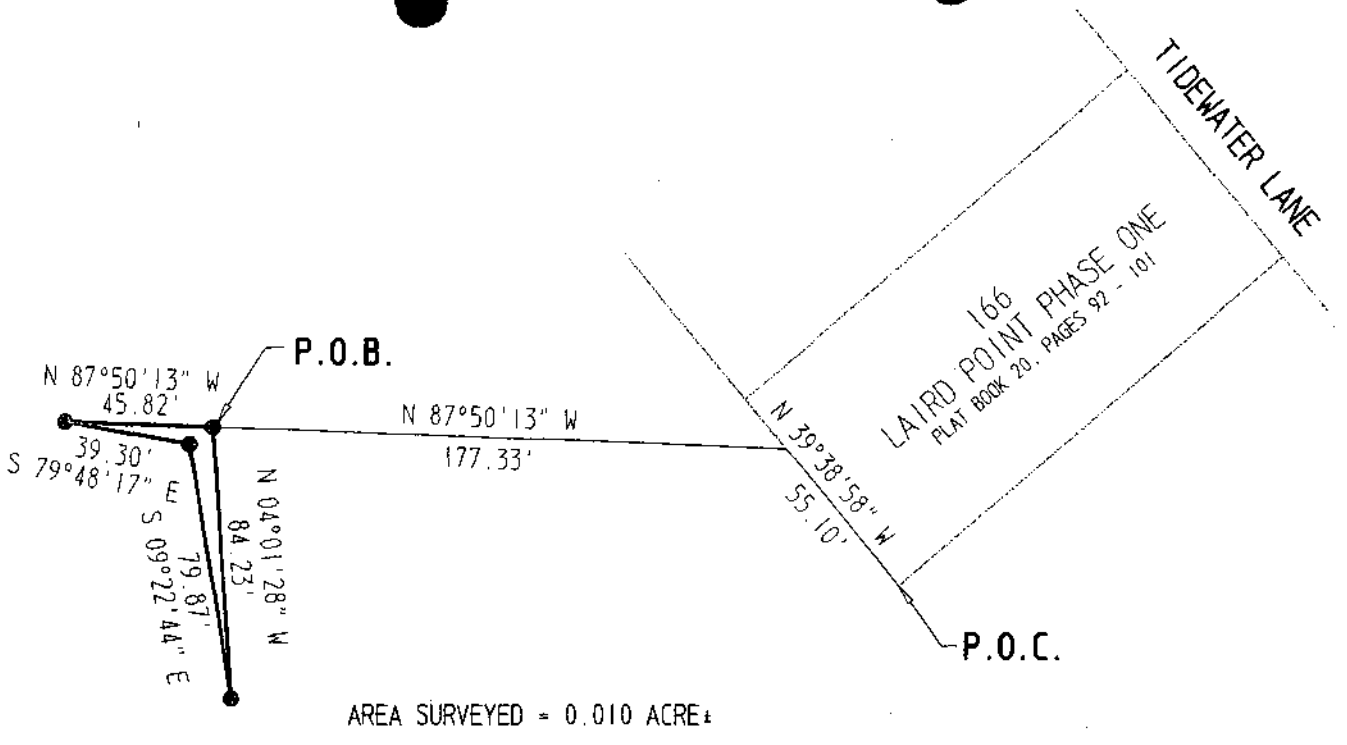
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 60'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9682
ELEVATION REFERENCE — SHEET NO. 29 OF 32

W. Todd Tindell

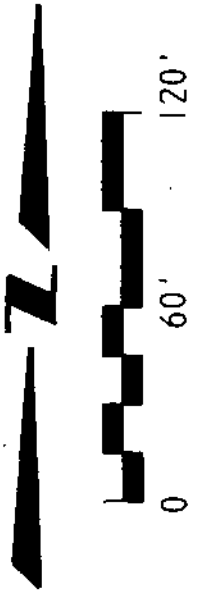
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONIO-



AREA SURVEYED = 0.010 ACRE±

DESCRIPTION OF CONSERVATION AREA II: COMMENCE AT THE MOST SOUTHERLY CORNER OF LOT 166, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTH 39 DEGREES 38 MINUTES 58 SECONDS WEST ALONG THE SOUTHWESTERLY LINE OF SAID LOT 166 FOR 55.10 FEET; THENCE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 177.33 FEET TO THE POINT OF BEGINNING. THENCE CONTINUE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 45.82 FEET; THENCE SOUTH 79 DEGREES 48 MINUTES 17 SECONDS EAST FOR 39.30 FEET; THENCE SOUTH 09 DEGREES 22 MINUTES 44 SECONDS EAST FOR 79.87 FEET; THENCE NORTH 04 DEGREES 01 MINUTE 28 SECONDS WEST FOR 84.23 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.



CONSERVATION AREA II

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

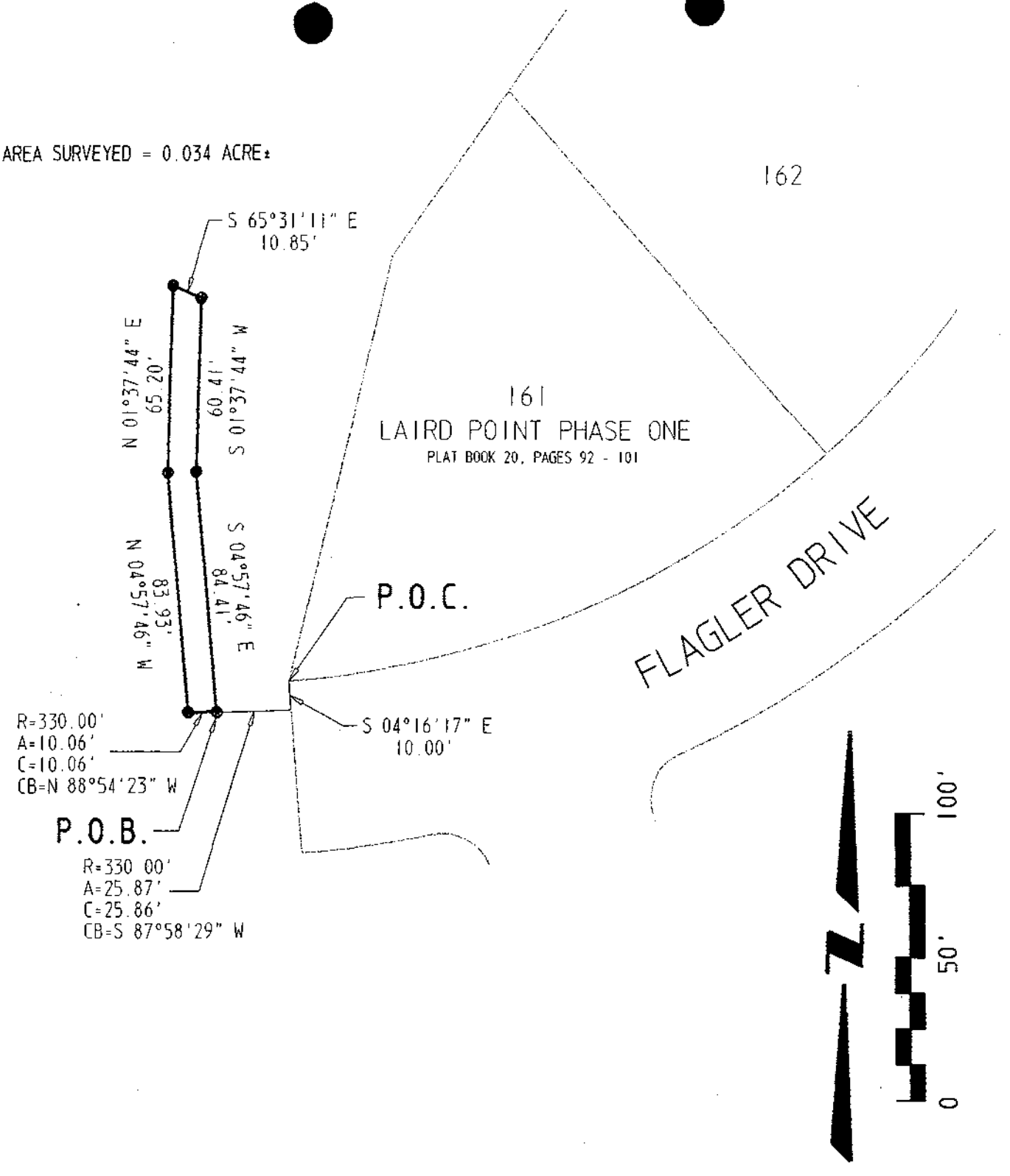
PLAT OF BOUNDARY SURVEY — SCALE 1" = 60'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 30 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONTI-

AREA SURVEYED = 0.034 ACRE±



CONSERVATION AREA 12

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 50'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 31 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON12-

DESCRIPTION OF CONSERVATION AREA 12: COMMENCE AT THE INTERSECTION OF THE SOUTHEAST CORNER OF LOT 161 WITH THE NORTH RIGHT OF WAY LINE OF FLAGLER DRIVE, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 04 DEGREES 16 MINUTES 17 SECONDS EAST ALONG THE WEST RIGHT OF WAY LINE OF SAID FLAGLER DRIVE FOR 10.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 330.00 FEET; THENCE WESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 25.87 FEET, THE CHORD OF SAID ARC BEARING SOUTH 87 DEGREES 58 MINUTES 29 SECONDS WEST FOR 25.86 FEET TO THE POINT OF BEGINNING. THENCE CONTINUE WESTERLY ALONG SAID CURVE, HAVING A RADIUS OF 330.00 FEET, FOR AN ARC DISTANCE OF 10.06 FEET; THE CHORD OF SAID ARC BEARING NORTH 88 DEGREES 54 MINUTES 23 SECONDS WEST FOR 10.06 FEET; THENCE NORTH 04 DEGREES 57 MINUTES 46 SECONDS WEST FOR 83.93 FEET; THENCE NORTH 01 DEGREE 37 MINUTES 44 SECONDS EAST FOR 65.20 FEET; THENCE SOUTH 65 DEGREES 31 MINUTES 11 SECONDS EAST FOR 10.85 FEET; THENCE SOUTH 01 DEGREE 37 MINUTES 44 SECONDS WEST FOR 60.41 FEET; THENCE SOUTH 04 DEGREES 57 MINUTES 46 SECONDS EAST FOR 84.41 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
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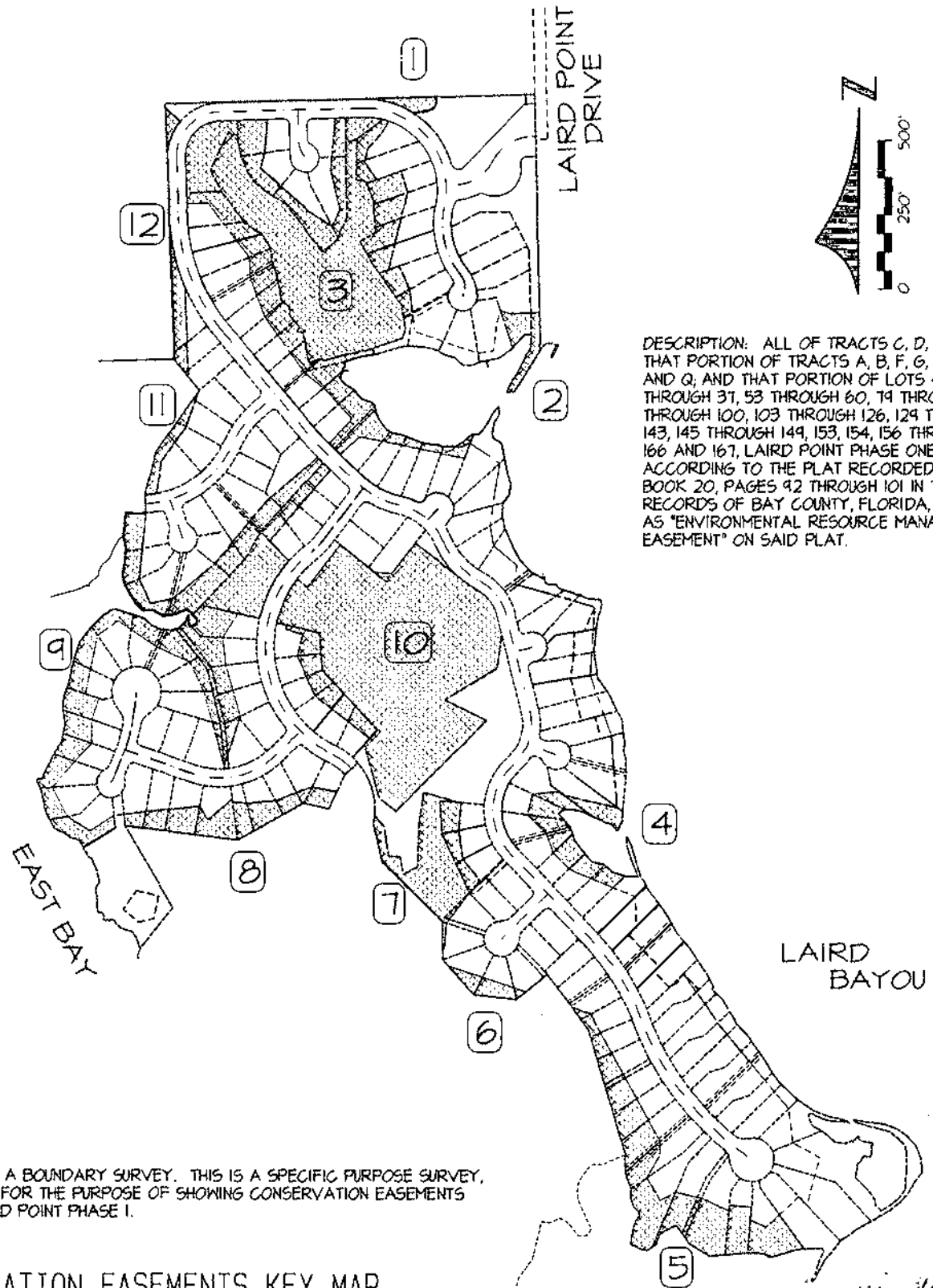
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION-REFERENCE — SHEET NO. 32 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CON12-



DESCRIPTION: ALL OF TRACTS C, D, E AND N; THAT PORTION OF TRACTS A, B, F, G, J, K, M, P AND Q; AND THAT PORTION OF LOTS 4, 8 THROUGH 31, 53 THROUGH 60, 79 THROUGH 91, 96 THROUGH 100, 103 THROUGH 126, 129 THROUGH 141, 143, 145 THROUGH 149, 153, 154, 156 THROUGH 164, 166 AND 167, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA, DESIGNATED AS "ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT" ON SAID PLAT.

THIS IS NOT A BOUNDARY SURVEY. THIS IS A SPECIFIC PURPOSE SURVEY, PREPARED FOR THE PURPOSE OF SHOWING CONSERVATION EASEMENTS WITHIN LAIRD POINT PHASE I.

CONSERVATION EASEMENTS KEY MAP

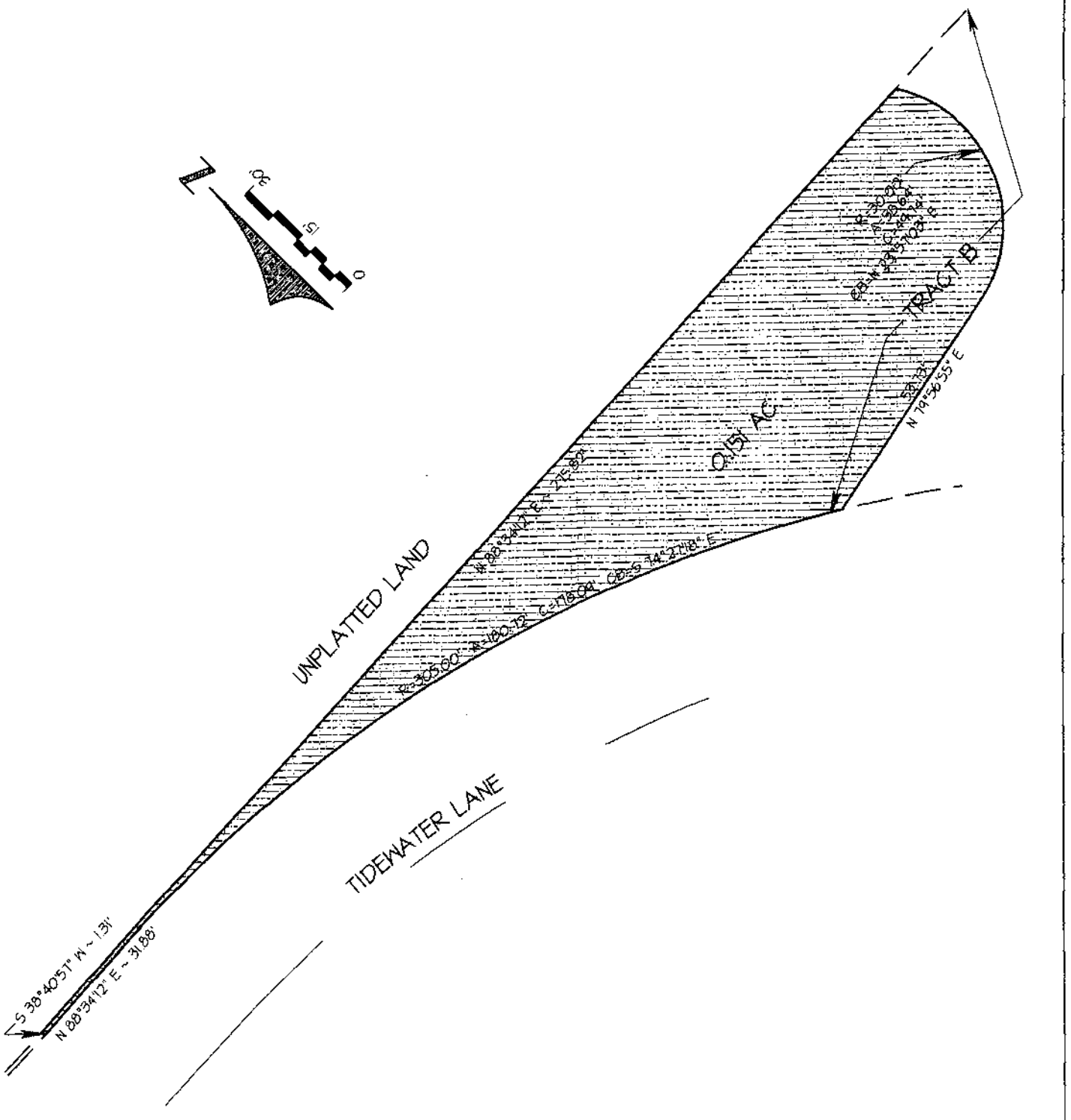
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 500'
SURVEYED — DRAWN 5-28-08 — IMPROVEMENTS
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. — PA.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 1 OF 13

W. Todd Tindell
STATE OF FLORIDA
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.pro



PORTION OF TRACT B

THE UNDERSIGNED, W. TODD TINDELL FLORIDA LAND SURVEYOR NO 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

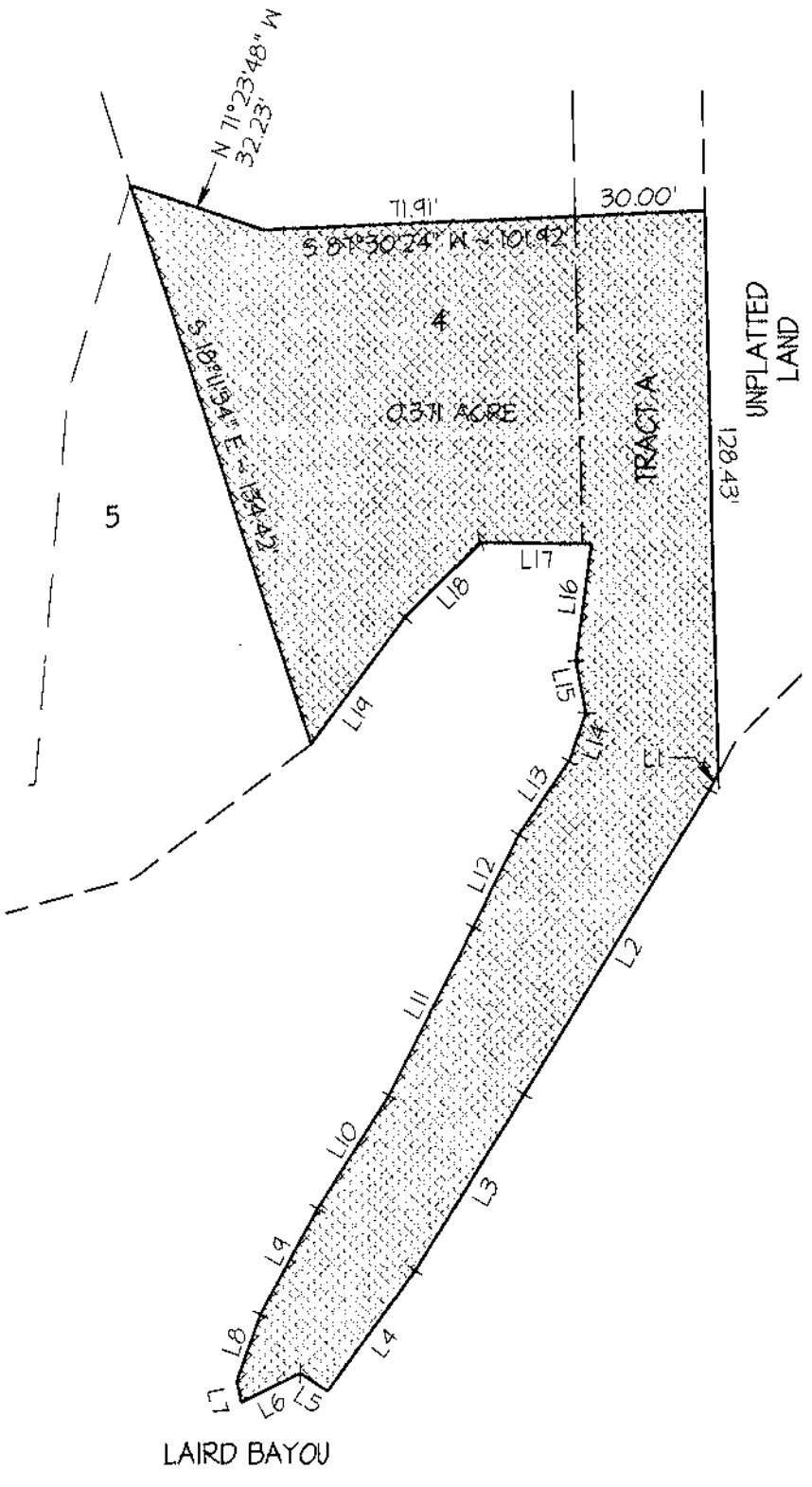
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

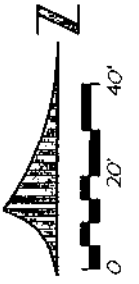
PLAT OF SPECIFIC PURPOSE SURVEY SCALE 1" = 30'
SURVEYED ____ DRAWN 5-28-08 IMPROVEMENTS ____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B ____ PA. ____
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W JOB NO. 9682
ELEVATION REFERENCE ____ SHEET NO. 2 OF 13

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.dgn





MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
1	S 28°18'15" W	4.25'
2	S 31°43'12" W	81.40'
3	S 32°03'23" W	47.62'
4	S 36°46'56" W	34.44'
5	N 56°59'43" W	7.43'
6	S 63°27'07" W	15.11'
7	N 11°17'16" W	5.14'
8	N 19°53'53" E	16.18'
9	N 28°38'50" E	27.61'
10	N 32°57'38" E	30.16'
11	N 27°04'04" E	43.14'
12	N 26°12'26" E	23.49'
13	N 34°40'57" E	20.30'
14	N 19°13'58" E	11.56'
15	N 11°19'58" W	12.07'
16	N 07°41'17" E	26.94'
17	N 84°08'20" W	25.33'
18	S 45°21'57" W	24.52'
19	S 37°02'01" W	36.22'

POR. OF TRACT A & POR. OF LOT 4

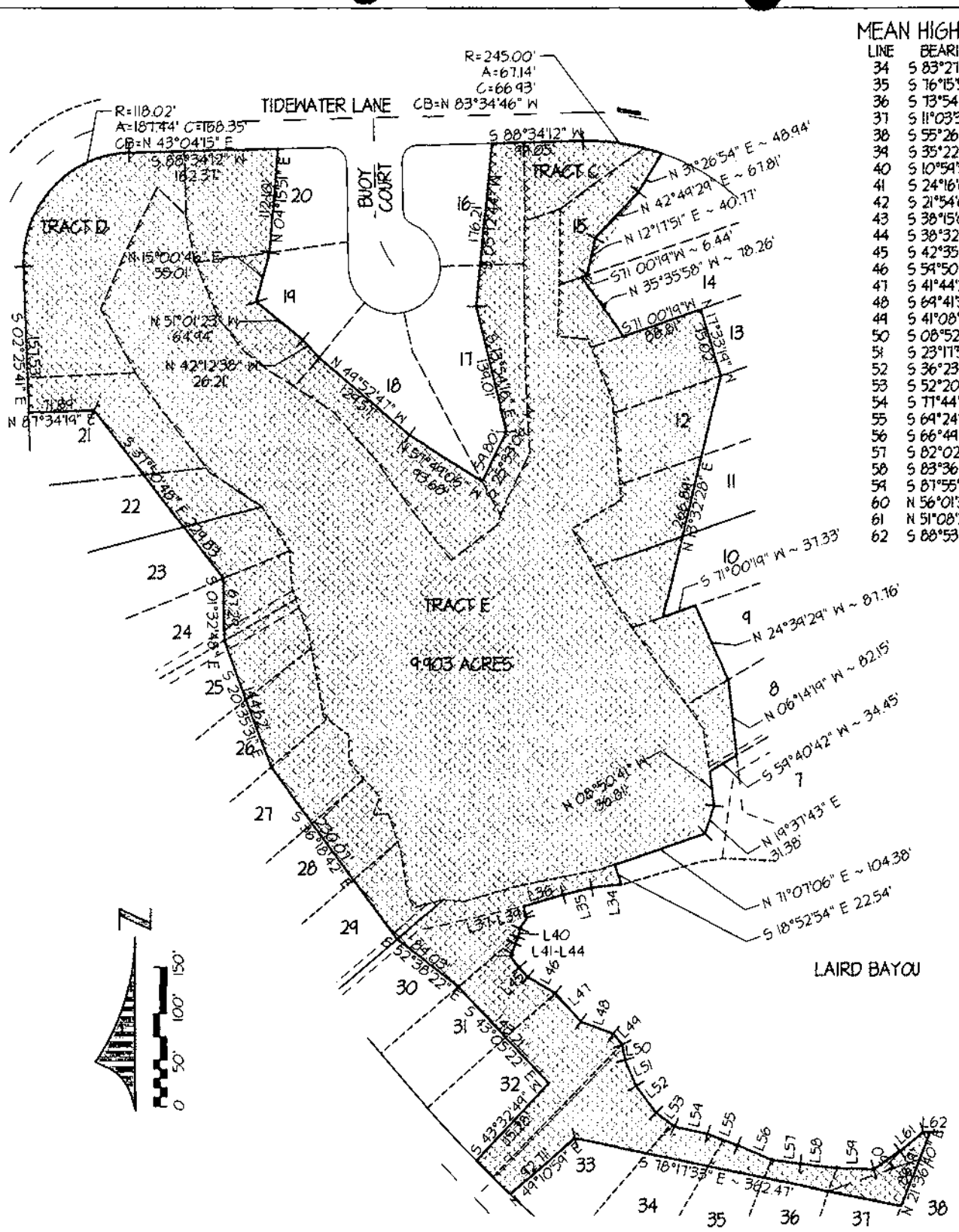
THE UNDERSIGNED, W. TODD TINDELL FLORIDA LAND SURVEYOR NO. 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY SCALE 1" = 40'
SURVEYED ____ DRAWN 5-28-08 IMPROVEMENTS ____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. ____ PG. ____
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W JOB NO. 9682
ELEVATION REFERENCE ____ SHEET NO. 3 OF 13

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.pro



MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
34	S 83°27'20" W	32.68'
35	S 76°15'51" W	31.69'
36	S 73°54'41" W	44.78'
37	S 11°03'30" E	9.96'
38	S 55°26'40" E	3.31'
39	S 35°22'15" W	15.22'
40	S 10°54'51" W	9.54'
41	S 24°16'08" W	7.58'
42	S 21°54'08" W	11.29'
43	S 38°15'06" W	3.20'
44	S 38°32'46" E	16.06'
45	S 42°35'45" E	13.95'
46	S 54°50'28" E	35.09'
47	S 41°44'24" E	41.45'
48	S 64°41'31" E	37.61'
49	S 41°08'52" E	14.53'
50	S 08°52'55" E	17.21'
51	S 23°11'58" E	30.25'
52	S 36°23'52" E	36.27'
53	S 52°20'07" E	25.10'
54	S 77°44'48" E	37.28'
55	S 64°24'10" E	34.90'
56	S 66°44'44" E	39.52'
57	S 82°02'35" E	32.27'
58	S 83°36'17" E	39.23'
59	S 81°55'12" E	40.48'
60	N 56°01'34" E	34.42'
61	N 51°08'23" E	33.37'
62	S 88°53'01" E	22.17'

ALL OF TRACT C, D, & E AND A PORTION OF LOTS 8-37

THE UNDERSIGNED, W. TODD TINDELL FLORIDA LAND SURVEYOR NO 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY
SCALE 1" = 150'
SURVEYED _____ DRAWN 5-28-08 IMPROVEMENTS _____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. _____ PG. _____
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W JOB NO 9682
ELEVATION REFERENCE _____ SHEET NO. 4 OF 13

W. TODD TINDELL
FLORIDA LICENSED SURVEYOR
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

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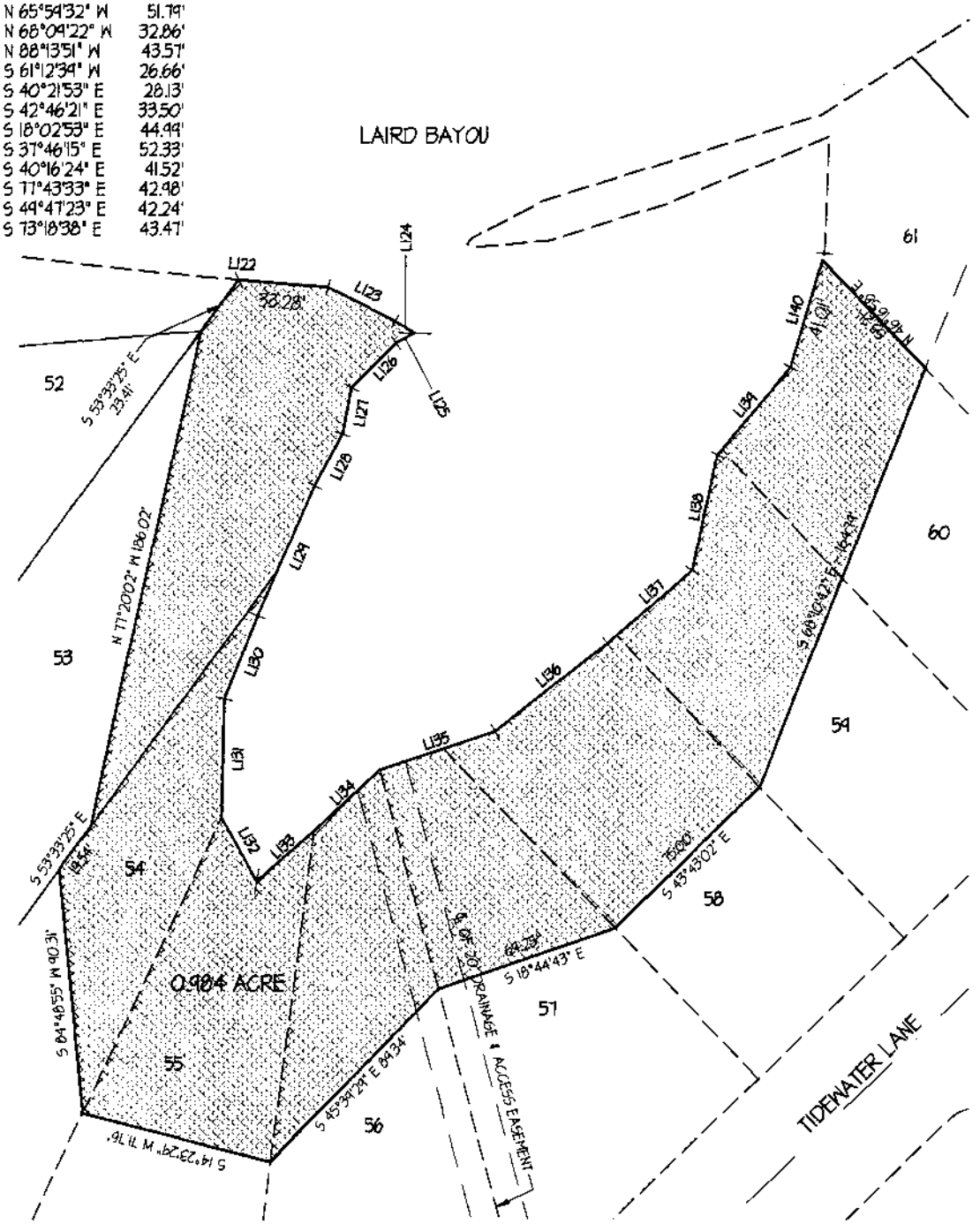
MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
122	S 04°47'18" W	65.03'
123	S 26°24'08" W	27.87'
124	S 31°23'57" W	8.50'
125	N 26°40'49" W	7.90'
126	N 44°54'27" W	23.33'
127	N 78°54'20" W	17.37'
128	N 62°02'56" W	21.38'
129	N 65°54'32" W	51.79'
130	N 68°09'22" W	32.86'
131	N 88°13'51" W	43.57'
132	S 61°12'34" W	26.66'
133	S 40°21'53" E	28.13'
134	S 42°46'21" E	33.50'
135	S 18°02'53" E	44.99'
136	S 37°46'15" E	52.33'
137	S 40°16'24" E	41.52'
138	S 77°43'33" E	42.98'
139	S 49°47'23" E	42.24'
140	S 73°18'38" E	43.47'



PORTION OF LOTS 53-60

THE UNDERSIGNED, W. TODD TINDELL FLORIDA LAND SURVEYOR NO. 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

W. TODD TINDELL 4958 STATE OF FLORIDA

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 60'

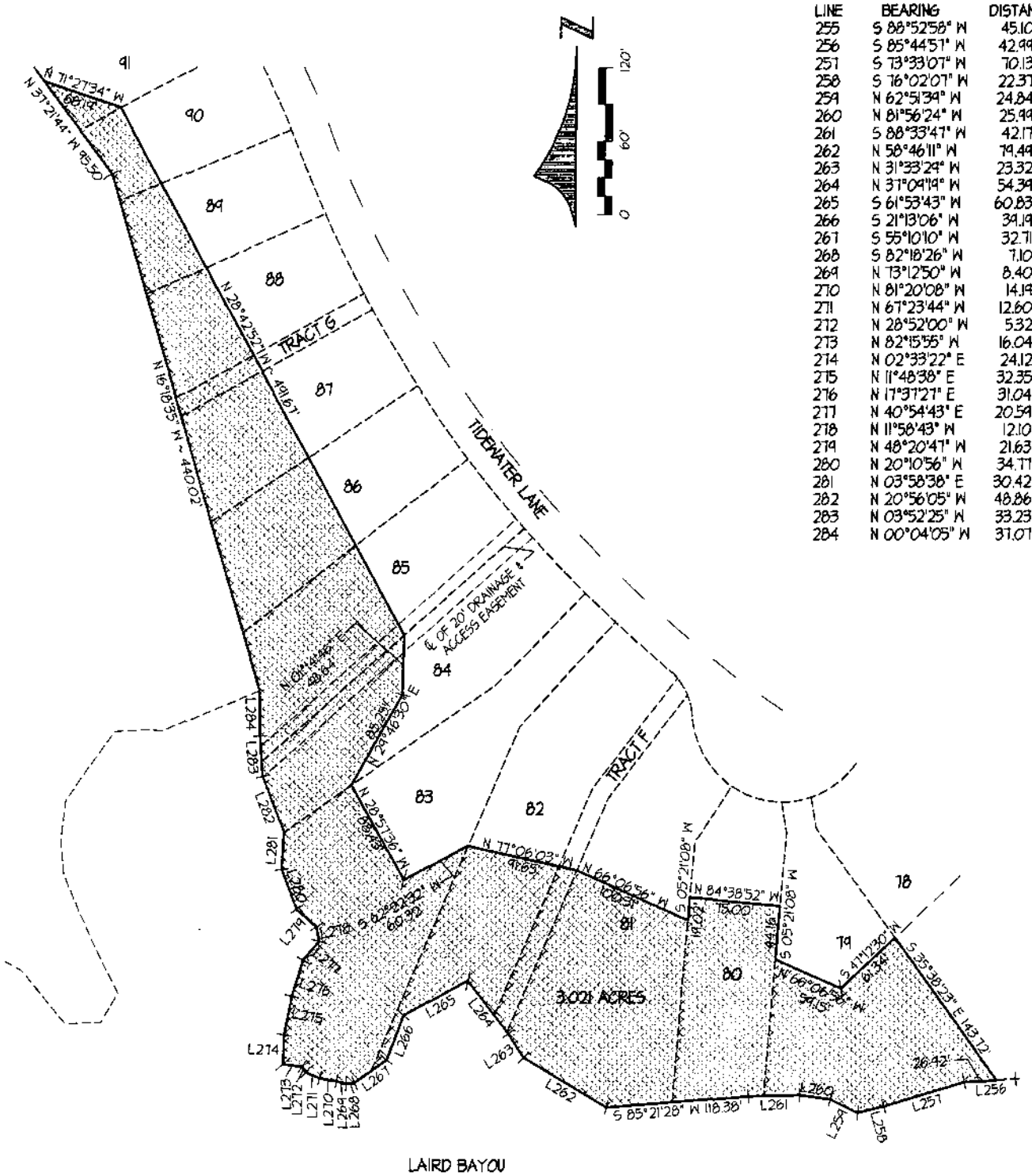
SURVEYED _____ DRAWN 5-28-08 IMPROVEMENTS _____

SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. _____ PG. _____

BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W — JOB NO 9682

ELEVATION REFERENCE _____ — SHEET NO. 5 OF 13

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.pro



MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
255	S 88°52'58" W	45.10'
256	S 85°44'51" W	42.99'
257	S 73°33'07" W	70.13'
258	S 76°02'07" W	22.37'
259	N 62°51'39" W	24.84'
260	N 81°56'24" W	25.99'
261	S 88°33'47" W	42.17'
262	N 58°46'11" W	79.49'
263	N 31°33'29" W	23.32'
264	N 37°09'19" W	54.39'
265	S 61°53'43" W	60.83'
266	S 21°13'06" W	34.19'
267	S 55°10'10" W	32.71'
268	S 82°18'26" W	7.10'
269	N 73°12'50" W	8.40'
270	N 81°20'08" W	14.19'
271	N 67°23'44" W	12.60'
272	N 28°52'00" W	5.32'
273	N 82°15'55" W	16.04'
274	N 02°33'22" E	24.12'
275	N 11°48'38" E	32.35'
276	N 17°37'27" E	31.04'
277	N 40°54'43" E	20.54'
278	N 11°58'43" W	12.10'
279	N 48°20'47" W	21.63'
280	N 20°10'56" W	34.77'
281	N 03°58'38" E	30.42'
282	N 20°56'05" W	48.86'
283	N 03°52'25" W	33.23'
284	N 00°04'05" W	31.07'

PORTION OF TRACTS F & G AND PORTION OF LOTS 79-91

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

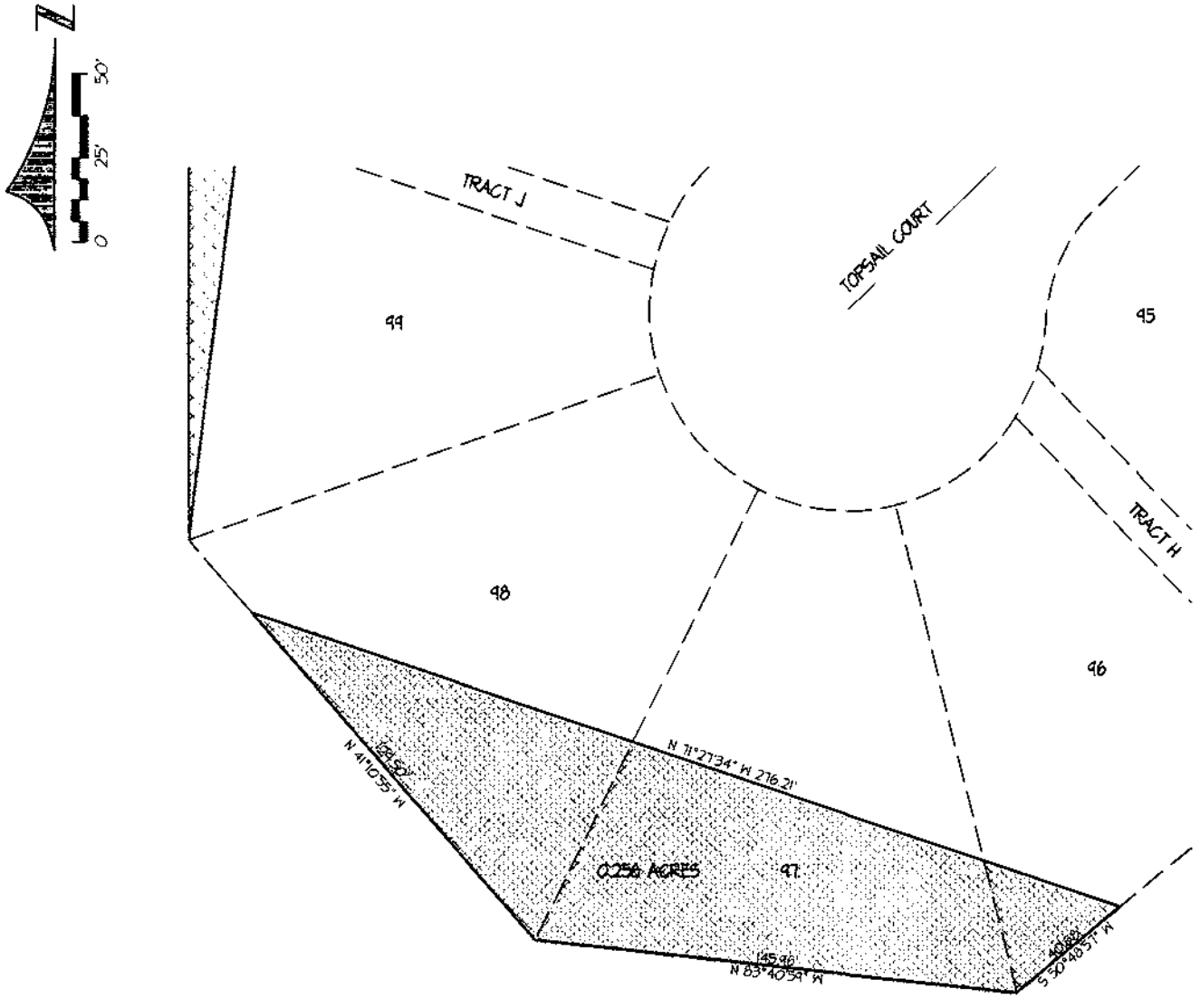
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 120'
SURVEYED ____ DRAWN 5-28-08 IMPROVEMENTS ____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. ____ PG. ____
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W — JOB NO. 9682
ELEVATION REFERENCE ____ — SHEET NO. 6 OF 13

W. TODD TINDELL 4958 STATE OF FLORIDA

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.pro



PORTION OF LOTS 96-98

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

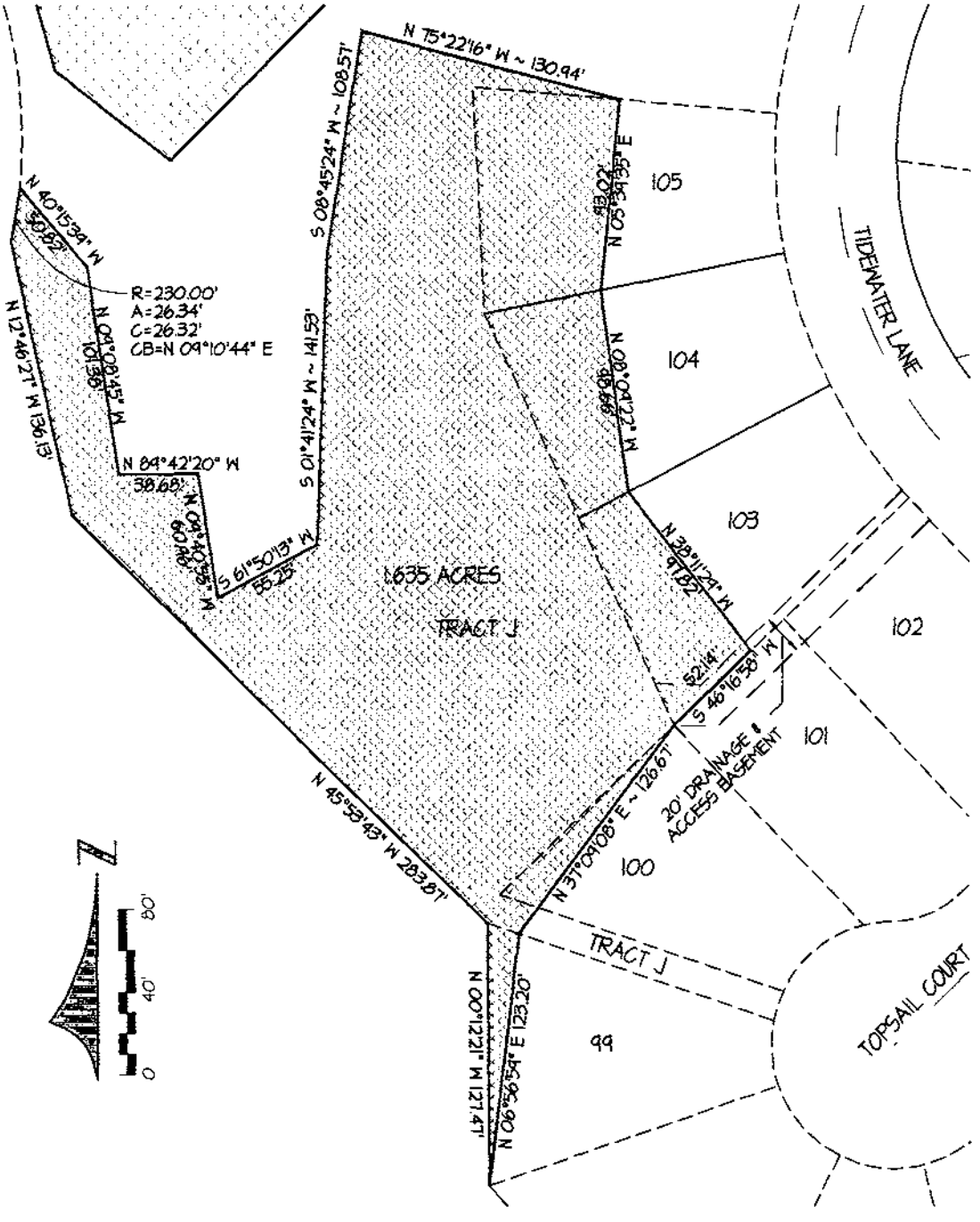
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

TODD TINDELL
4958
STATE OF FLORIDA

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 50'
SURVEYED ____ DRAWN 5-28-08 IMPROVEMENTS ____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. ____ PA. ____
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W — JOB NO. 9682
ELEVATION REFERENCE ____ — SHEET NO. 7 OF 13

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Signed Point Plats\Laird Point Phase 1.pro



PORTION OF TRACT J AND PORTION OF LOTS 99, 100, 103-105

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
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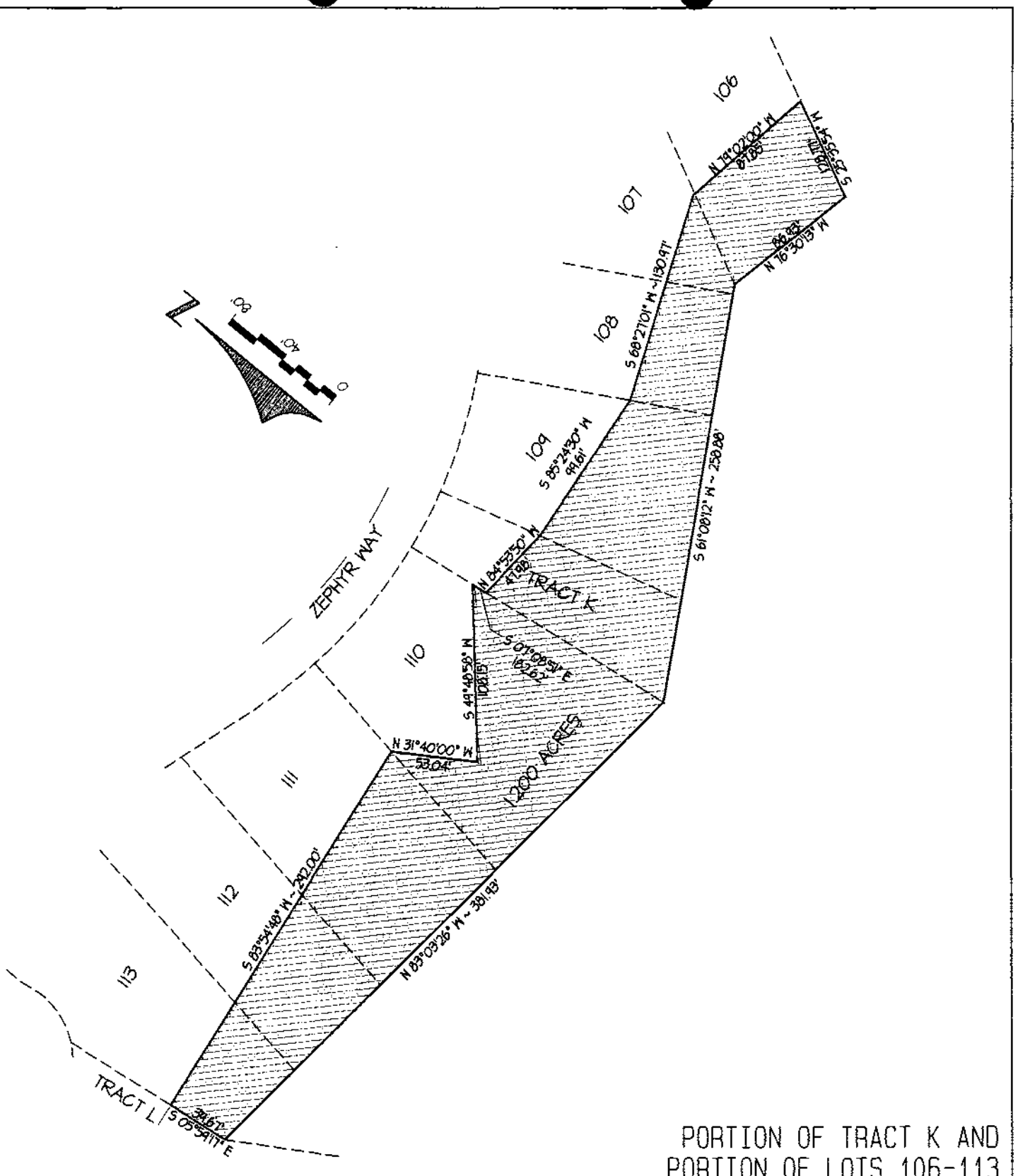
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

W. TODD TINDELL
4958
STATE OF FLORIDA
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 80'
SURVEYED ____ DRAWN 5-28-08 IMPROVEMENTS ____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. ____ PG ____
BEARING REFERENCE XX — JOB NO 9682
ELEVATION REFERENCE ____ — SHEET NO. 8 OF 13

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.dgn



PORTION OF TRACT K AND PORTION OF LOTS 106-113

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
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TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

W. TODD TINDELL
STATE OF FLORIDA
4958
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 80

SURVEYED _____ DRAWN 5-28-08 IMPROVEMENTS _____

SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. _____ PA. _____

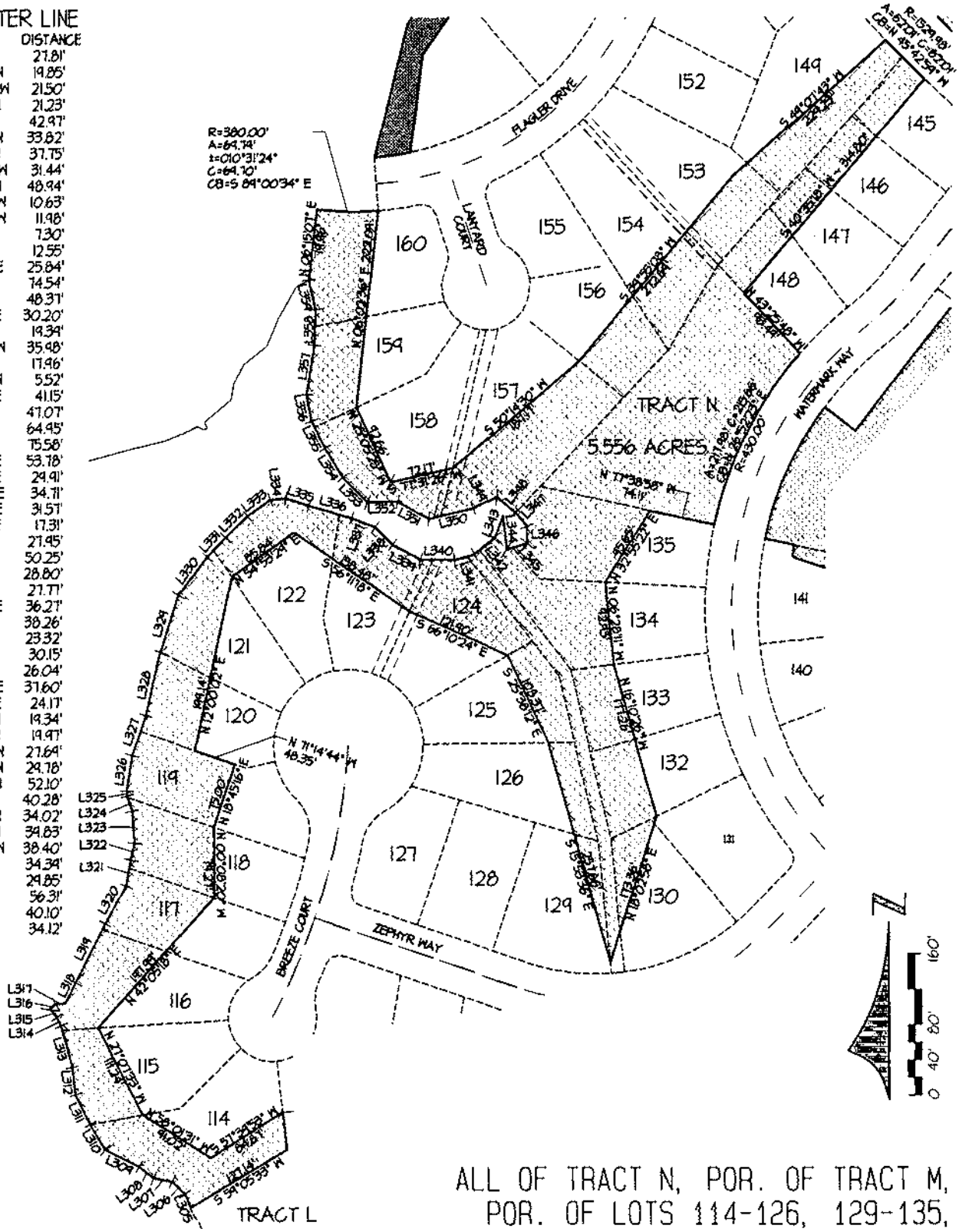
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W — JOB NO. 9682

ELEVATION REFERENCE _____ — SHEET NO. 9 OF 13

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.dgn

MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
305	N 24°16'12" W	27.81'
306	N 46°02'12" W	19.85'
307	N 80°20'28" W	21.50'
308	N 51°50'35" W	21.23'
309	N 64°13'11" W	42.47'
310	N 30°10'56" W	33.82'
311	N 25°45'18" W	37.75'
312	N 06°38'09" W	31.44'
313	N 15°43'40" W	48.94'
314	N 28°29'30" W	10.63'
315	N 36°40'33" W	11.98'
316	N 44°21'28" E	7.30'
317	N 83°16'27" E	12.55'
318	N 28°03'52" E	25.84'
319	N 27°21'40" E	74.54'
320	N 29°13'44" E	48.31'
321	N 09°54'33" E	30.20'
322	N 13°37'14" E	19.39'
323	N 04°22'33" W	35.98'
324	N 17°34'53" W	17.96'
325	N 07°27'39" W	5.52'
326	N 08°55'36" E	41.15'
327	N 19°08'02" E	47.07'
328	N 12°44'04" E	64.95'
329	N 17°31'45" E	75.58'
330	N 36°54'06" E	53.78'
331	N 43°44'26" E	29.41'
332	N 46°24'00" E	34.71'
333	N 54°30'50" E	31.57'
334	N 83°34'49" E	17.31'
335	S 71°36'01" E	27.95'
336	S 74°17'07" E	50.25'
337	S 69°12'15" E	28.80'
338	S 44°35'57" E	27.77'
339	S 63°02'26" E	36.27'
340	S 89°01'36" E	38.26'
341	N 74°42'14" E	23.32'
342	N 50°14'20" E	30.15'
343	N 20°59'52" E	26.04'
344	S 06°40'43" E	31.60'
345	N 74°00'53" E	24.17'
346	N 00°12'53" W	19.34'
347	N 41°48'30" W	19.97'
348	N 50°05'22" W	27.69'
349	S 63°46'24" W	29.78'
350	S 76°34'01" W	52.10'
351	N 61°10'01" W	40.28'
352	S 89°21'56" W	34.02'
353	N 44°54'51" W	39.83'
354	N 32°05'03" W	38.40'
355	N 28°17'34" W	34.39'
356	N 10°11'20" W	29.85'
357	N 09°14'04" E	56.31'
358	N 01°12'56" E	40.10'
359	N 13°25'23" W	34.12'



ALL OF TRACT N, POR. OF TRACT M, POR. OF LOTS 114-126, 129-135, 145-149, 153, 154, 156-160

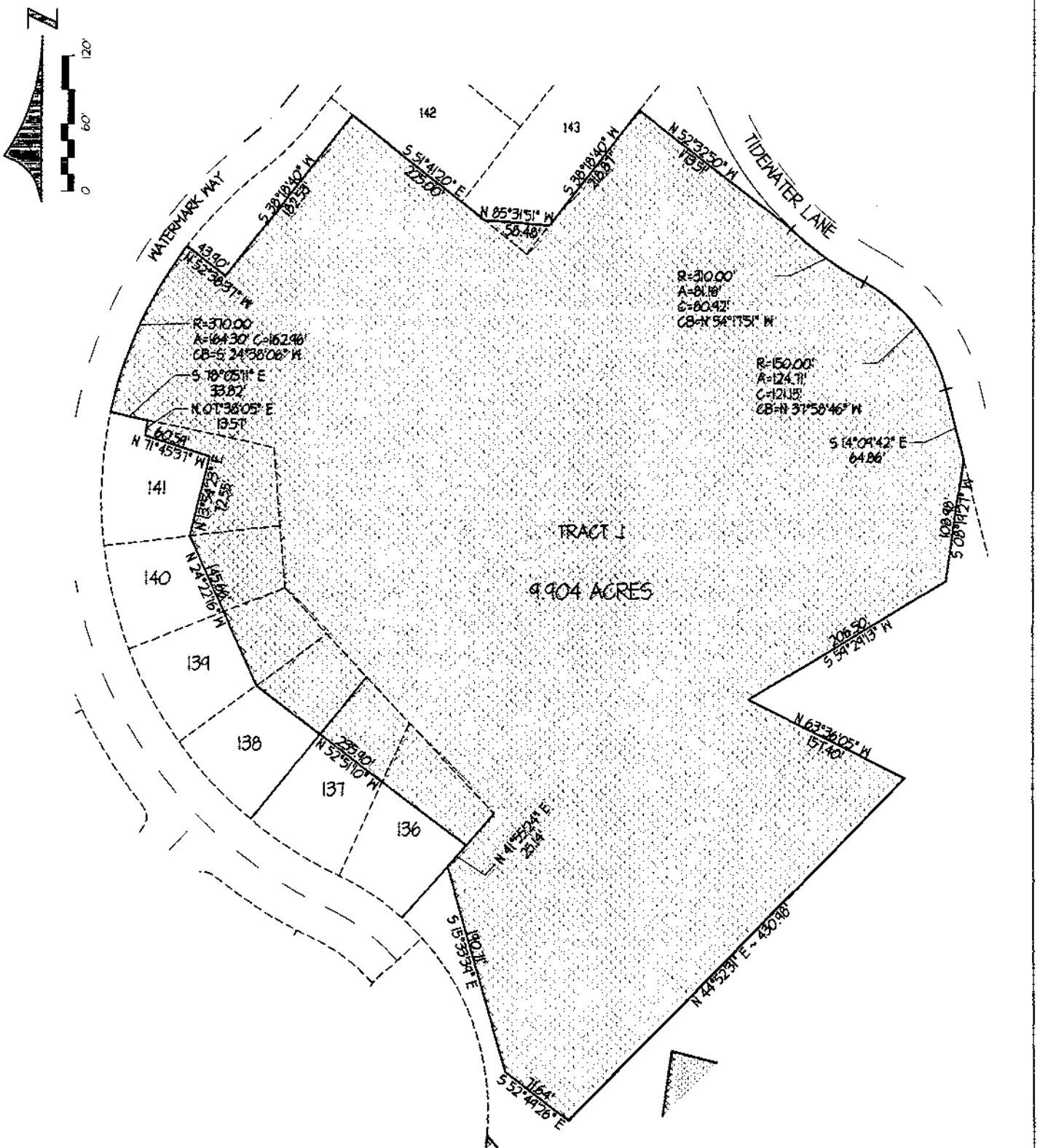
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

W. TODD TINDELL
STATE OF FLORIDA
4958
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 160'
SURVEYED ____ DRAWN 5-28-08 — IMPROVEMENTS ____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. ____ PA ____
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W — JOB NO 9682
ELEVATION REFERENCE ____ — SHEET NO. 10 OF 13

T:\9000\9600\9582 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.dgn



PORTION OF TRACT J AND PORTION OF LOTS 136-141 & 143

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

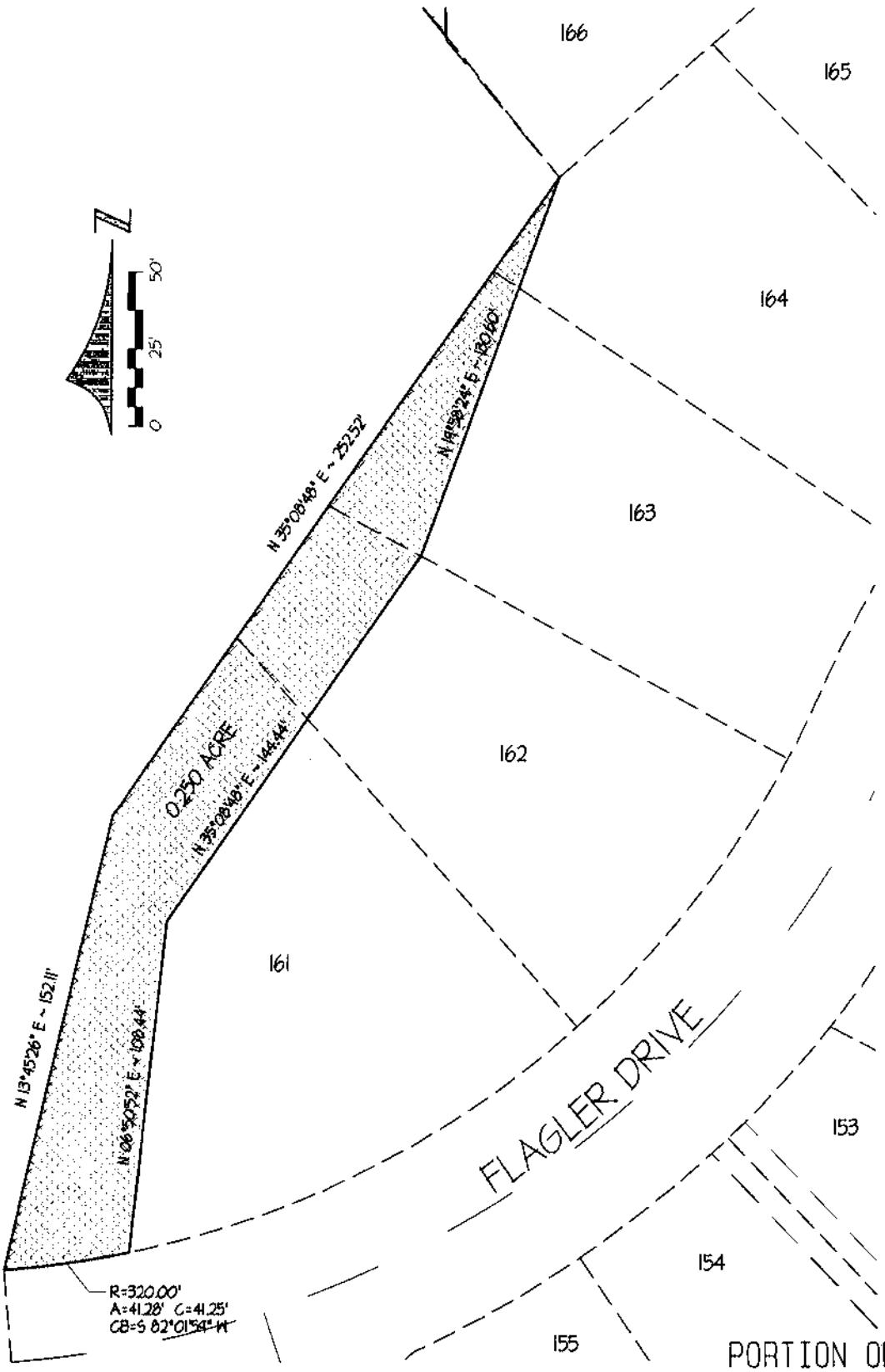
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

W. TODD TINDELL
FLORIDA LICENSED SURVEYOR
NO. 4958
STATE OF FLORIDA

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

PLAT OF SPECIFIC PURPOSE SURVEY
SCALE 1" = 120'
SURVEYED _____ DRAWN 5-28-08 IMPROVEMENTS _____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. _____ PG. _____
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W JOB NO. 9682
ELEVATION REFERENCE _____ SHEET NO. 11 OF 13

T:\9000\9500\9582 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase 1.pro



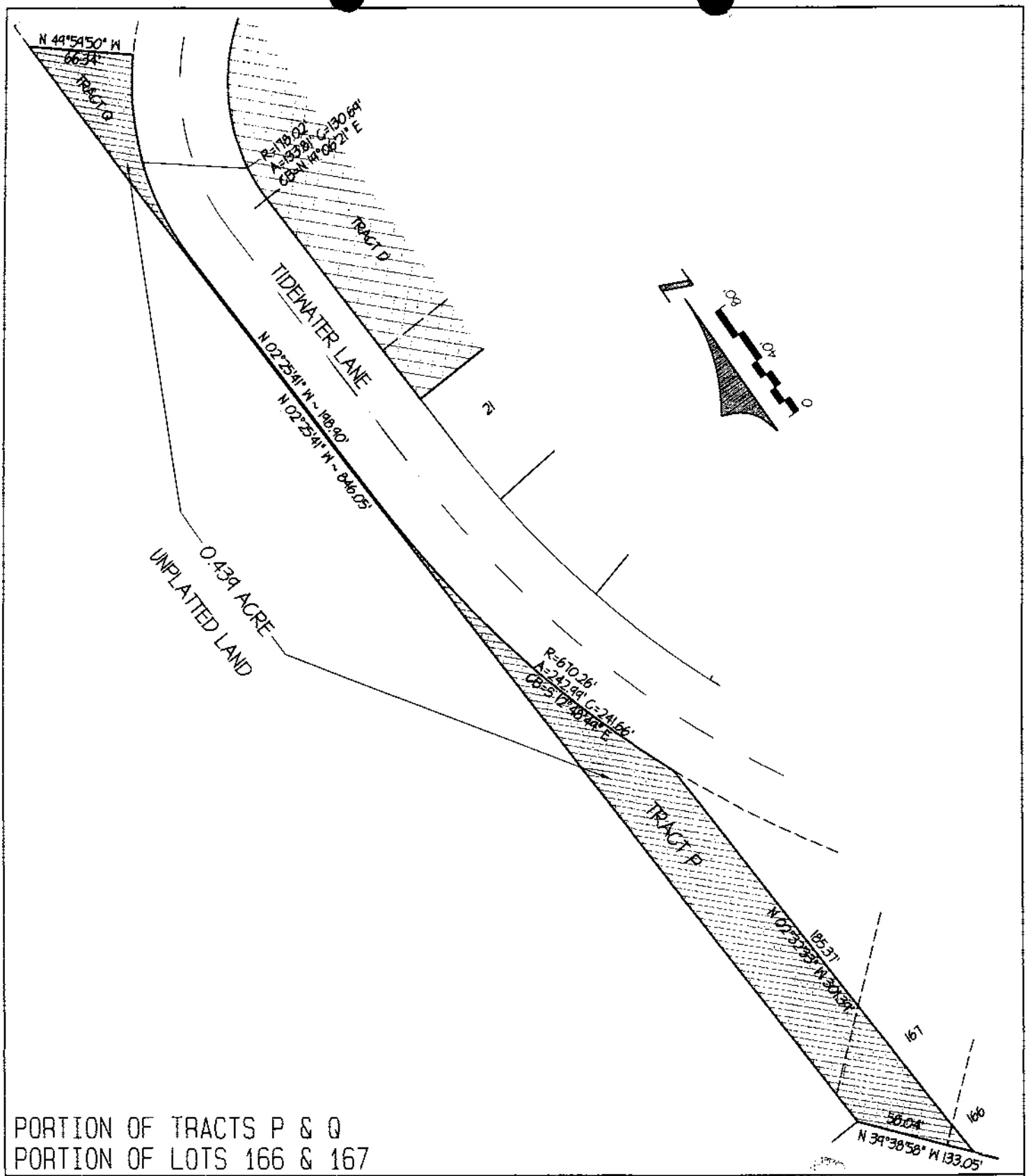
PORTION OF LOTS 161-164

THE UNDERSIGNED, W. TODD TINDELL FLORIDA LAND SURVEYOR NO 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY SCALE 1" = 50'
SURVEYED ____ DRAWN 5-28-08 IMPROVEMENTS ____
SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B ____ PA. ____
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W JOB NO 9682
ELEVATION REFERENCE ____ SHEET NO. 12 OF 13

W. Todd Tindell
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR



PORTION OF TRACTS P & Q
PORTION OF LOTS 166 & 167

THE UNDERSIGNED, W. TODD TINDELL FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 80'

SURVEYED _____ DRAWN 5-28-08 IMPROVEMENTS _____

SOURCE OF INFORMATION PLAT OF LAIRD POINT PHASE ONE, PLAT BOOK 20, PAGES 92-101 F.B. _____ PG. _____

BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T4S, R13W — JOB NO. 9682

ELEVATION REFERENCE _____ — SHEET NO. 13 OF 13

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

T:\9000\9600\9682 - Laird Point Phase 2\Dredge & Fill Permitting\Final Submittal\Laird Point Plats\Laird Point Phase2.pro

Attachment O

Proprietary Easement Deed and Survey

RECEIVED
FEB - 9 2010
NORTHWEST FLORIDA

Return to:
Department of Environmental Protection
160 Governmental Center
Pensacola FL, 32501
Andy Joslyn

CONSERVATION EASEMENT

THIS CONSERVATION EASEMENT is given this 30th day of June 2009, by LAIRD POINT INVESTORS, LLC, a Florida limited liability company, having an address at 36468 Emerald Coast Parkway, Suite 1201, Destin, Florida 32541 (Grantor) to the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA (BOARD OF TRUSTEES), whose address is Department of Environmental Protection, Division of State Lands, 3900 Commonwealth Boulevard, Mail Station 130, Tallahassee, Florida 32399-3000. As used herein, the term Grantor shall include any and all heirs, successors or assigns of the Grantor, and all subsequent owners of the Property (as hereinafter defined) and the term BOARD OF TRUSTEES shall include any successor or assignee of the BOARD OF TRUSTEES.

WITNESSETH

WHEREAS, the Grantor is the sole owner in fee simple of certain lands situated in Bay County, Florida, more specifically described in Exhibit A attached hereto and incorporated herein (Property);

WHEREAS, the Grantor desires to construct a private residential multi-family docking facility on sovereignty submerged lands adjacent to the Property as authorized by Board of Trustees' Sovereignty Submerged Land Consent of Use and Permit No. 03-0245341-003-DF in accordance with Chapter 253 [and 258], Florida Statutes; and

WHEREAS, the Board of Trustees' sovereignty submerged lands authorization for construction and/or operation of the Project requires a conservation easement in accordance with rule 18-21.004(4)(c) and (g) [and rule 18-20.00(5)(c)1], F.A.C.

NOW THEREFORE, in consideration of the above and the mutual covenants, terms, conditions and restrictions contained herein, together with other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, Grantor hereby voluntarily grants and conveys a perpetual conservation easement, as defined in Section 704.06, Florida Statutes, for and in favor of the BOARD OF TRUSTEES upon the Property which shall run with the land and be binding upon the Grantor, and shall remain in full force and effect forever.

The scope, nature and character of this conservation easement shall be as follows:

1. Purpose. The purpose of this conservation easement is to limit the Grantor's use of riparian rights to construct and operate any docks, piers or other structures on the Property in excess of the access pier, fishing piers, and the maximum slip and preempted area limits as authorized by the Board of Trustees Sovereignty Submerged Land Consent of Use and Permit No. 03-0245341-003-

DF between the Board of Trustees as lessor and LAIRD POINT INVESTORS, LLC as the lessee and any future modifications.

2. Rights of the BOARD OF TRUSTEES. To carry out this purpose, the following rights are conveyed to the BOARD OF TRUSTEES by this easement:

a. The right to prevent any activity on or use of the Property that is inconsistent with the purpose of this conservation easement;

b. The right to access, enter upon, and inspect the Property in a reasonable manner and at reasonable times to determine if Grantor or its successors and assigns are complying with the covenants and prohibitions contained in this conservation easement; and

c. The right to enforce this conservation easement by injunction or proceed at law or in equity to enforce the provisions of this conservation easement and the covenants set forth herein, to prevent the occurrence of any of the prohibited activities hereinafter set forth, and the right to require Grantor to restore such areas or features of the Property that may be damaged by any inconsistent activity or use.

3. Prohibited Uses. This conservation easement prohibits the construction and operation of any additional docks, piers, or other structures that would originate from or cross the easement and extend onto state-owned submerged land in excess of the maximum slip and preempted area limits as authorized by the Board of Trustees Sovereignty Submerged Land Consent of Use and Permit No. 03-0245341-003-DF between the Board of Trustees as lessor and LAIRD POINT INVESTORS, LLC as the lessee and any future modifications. Nothing herein shall preclude modification within the lease area if the modification does not change the use, does not increase the preempted area, and is otherwise consistent with the conditions of the lease. Any activity on or use of the Property inconsistent with the purpose of this conservation easement also is expressly prohibited.

4. Riparian Rights. This conservation easement shall not affect the Grantor's rights to reasonable ingress and egress from the property by means other than as restricted by this conservation easement.

5. Reserved Rights. Grantor reserves to itself, its successors or assigns all rights as owner of the Property, including the right to engage in uses of the Property that are not prohibited herein, nor inconsistent with the intent and purposes of this conservation easement.

6. Public Access. No right of access by the general public to any portion of the Property is conveyed by this conservation easement.

7. Responsibilities of Parties. Grantor, its successors or assigns, shall take responsibility for any costs or liabilities related to the operation, upkeep or maintenance of the Property. In addition, the BOARD OF TRUSTEES and its successors or assigns shall have no responsibility for any costs or liabilities related to the operation, upkeep or maintenance of the Property.

8. Taxes. Grantor, its successors or assigns, shall pay before delinquency any and all taxes, assessments, fees, and charges of whatever description levied on or assessed by competent authority on the Property, and shall furnish the BOARD OF TRUSTEES with satisfactory evidence of payment upon request

9. Liability. Grantor, its successors or assigns, will assume all liability for any injury or damage to the person or property of third parties which may occur on the Property arising from ownership of the Property by the Grantor, its successors or assigns. Neither Grantor, its successors or assigns, nor any person or entity claiming by or through Grantor its successors or assigns, shall hold the BOARD OF TRUSTEES liable for any damage or injury to person or personal property which may occur on the Property. Furthermore, the Grantor, its successors or assigns shall indemnify and hold harmless the BOARD OF TRUSTEES for all liability, any injury or damage to the person or property of third parties which may occur on the Property.

10. Hazardous Waste. Grantor covenants and represents that to the best of Grantor's knowledge no hazardous substance or toxic waste exists nor has been generated, treated, stored, used, disposed of, or deposited in or on the Property, and that there are not now any underground storage tanks located on the Property. Grantor, its successors or assigns, further indemnify the BOARD OF TRUSTEES for any and all liability arising from any subsequent placement or discovery of hazardous or toxic material on the property. In the event such material is discovered, Grantor, its successors or assigns, shall be responsible for the removal of the materials following coordination and written approval of the BOARD OF TRUSTEES.

11. Enforcement Discretion. Enforcement of the terms, provisions and restrictions of this conservation easement shall be at the reasonable discretion of the BOARD OF TRUSTEES, and any forbearance on behalf of the BOARD OF TRUSTEES to exercise its rights hereunder in the event of any breach by Grantor, shall not be deemed or construed to be a waiver of BOARD OF TRUSTEES' rights.

12. Venue and Enforcement Costs. Venue to enforce the terms of this conservation easement shall be in Leon County, Florida. If the BOARD OF TRUSTEES prevails in an enforcement action, it shall be entitled to recover costs, including expert witness fees, as well as the reasonable cost of removing any authorized structures from the Property. These remedies are in addition to any other remedy, fine or penalty which may be applicable under Chapter 253, Florida Statute.

13. Assignment of Rights. BOARD OF TRUSTEES will hold this conservation easement exclusively for conservation purposes. BOARD OF TRUSTEES will not assign its rights and obligations under this conservation easement except to another organization qualified to hold such interests under applicable state laws.

14. Recording in Land Records. Grantor shall record this conservation easement and any amendments hereto in a timely fashion in the Official Records of Bay County, Florida. Grantor shall pay all recording costs and taxes necessary to record this conservation easement in the public records.

15. Successors. The covenants, terms, conditions and restrictions of this conservation easement shall be binding upon, and inure to the benefit of the parties hereto and their respective personal representatives, heirs, successors and assigns and shall continue as a servitude running in perpetuity with the Property.

16. Notices. All notices, consents, approvals or other communications hereunder shall be in writing and shall be deemed properly given if sent by United States certified mail, return receipt requested, addressed to the appropriate party or successor-in-interest.

17. Subsequent Deeds. Grantor shall reference the conservation easement by Official Records book and page in any subsequent deed or other legal instrument by which Grantor divests itself of any interest in the Property. Grantor further agrees to give written notice to the BOARD OF TRUSTEES of the transfer of any interest at least twenty days prior to the date of such transfer. The failure of Grantor to perform any act required by this paragraph shall not impair the validity of this conservation easement or limit its enforceability in any way.

18. Severability. If any provision of this conservation easement or the application thereof to any person or circumstances is found to be invalid, the remainder of the provisions of this conservation easement shall not be affected thereby, as long as the purpose of the conservation easement is preserved.

19. Alteration or Revocation. This conservation easement may be amended, altered, released or revoked only by written agreement between the parties hereto or their heirs, assigns or successors-in-interest, which shall be filed in the public records in Bay County.

20. Controlling Law. The interpretation and performance of this conservation easement shall be governed by the laws of the State of Florida.

TO HAVE AND TO HOLD unto the BOARD OF TRUSTEES forever. The covenants, terms, conditions, restrictions and purpose imposed with this conservation easement shall be binding upon Grantor, and shall continue as a servitude running in perpetuity with the Property.

Grantor hereby covenants with said BOARD OF TRUSTEES that Grantor is lawfully seized of said Property in fee simple; that the Property is free and clear of all encumbrances that are inconsistent with the terms of this conservation easement and all mortgages have been joined or subordinated; that Grantor has good right and lawful authority to convey this conservation easement; and that it hereby fully warrants and defends the title to the conservation easement hereby conveyed against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has executed this Conservation Easement on the day and year first above written.

Signed, sealed and delivered
in our presence as witnesses:

Malies C. Warren
Signature of Witness

Malies C. Warren
Printed/Typed Name

Marah A. Gawronski
Signature of Witness

Marah A. Gawronski
Printed/Typed Name

LAIRD POINT INVESTORS, LLC

By: Kathleen McLean
Kathleen McLean, Managing Member

STATE OF FLORIDA
COUNTY OF Bay

The foregoing instrument was acknowledged before me this 30th day of June, 2009, by Kathleen McLean as Managing Member of LAIRD POINT INVESTORS, LLC. He/she is personally known to me or has produced TN Drivers License #057306416 as identification.

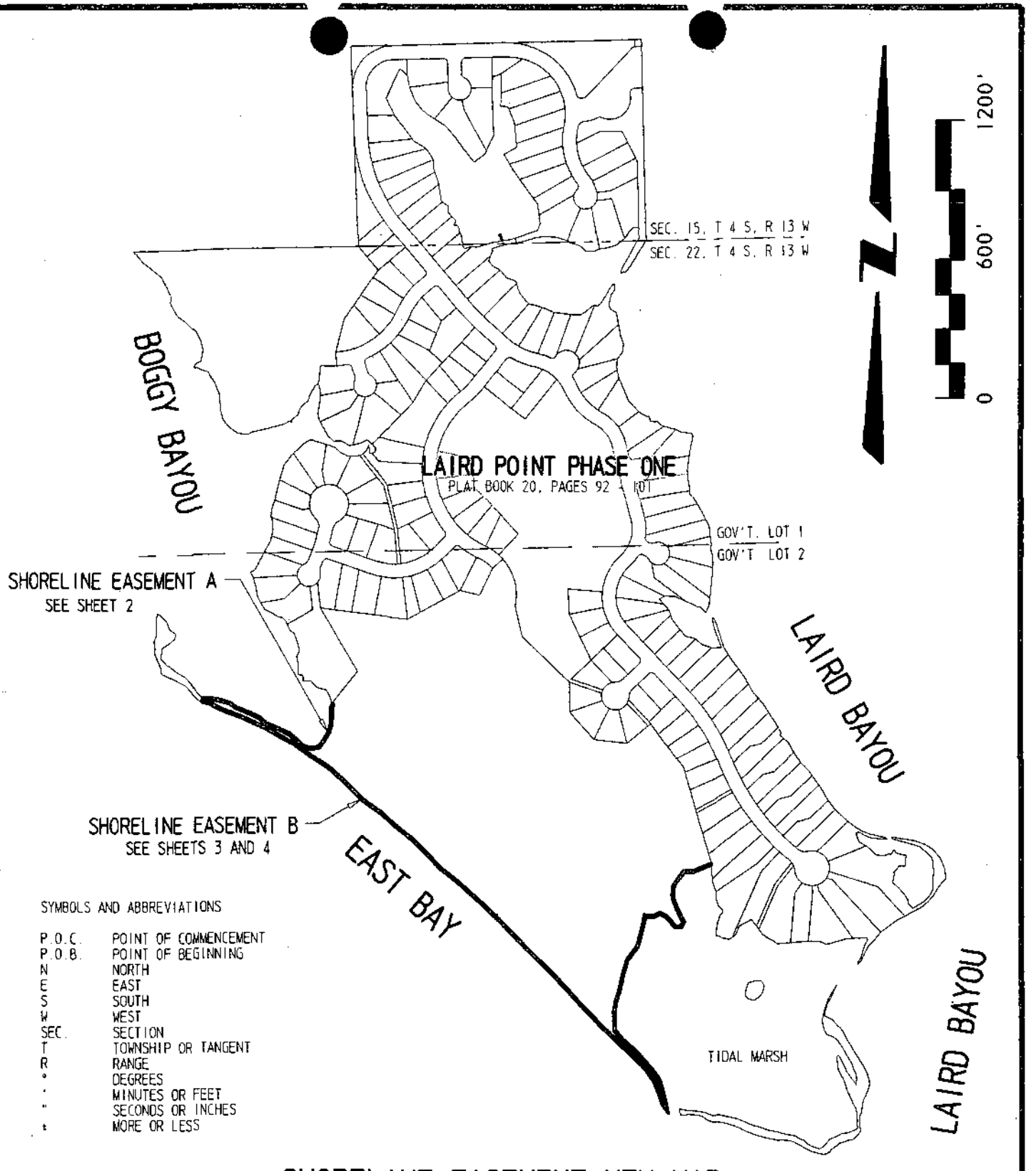
(SEAL)

Delia C. Hunt
Notary Public Signature

Delia C. Hunt
Commission # DD460383
Expires August 10, 2009
Bonded Troy Fain - Insurance Inc 800-385-7019

Delia C. Hunt
Printed/Typed Name of Notary

Commission No. #DD460383
Commission Expires ~~Aug~~ .10, 2009



SYMBOLS AND ABBREVIATIONS

P.O.C.	POINT OF COMMENCEMENT
P.O.B.	POINT OF BEGINNING
N	NORTH
E	EAST
S	SOUTH
W	WEST
SEC.	SECTION
T	TOWNSHIP OR TANGENT
R	RANGE
°	DEGREES
'	MINUTES OR FEET
"	SECONDS OR INCHES
±	MORE OR LESS

SHORELINE EASEMENT KEY MAP

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

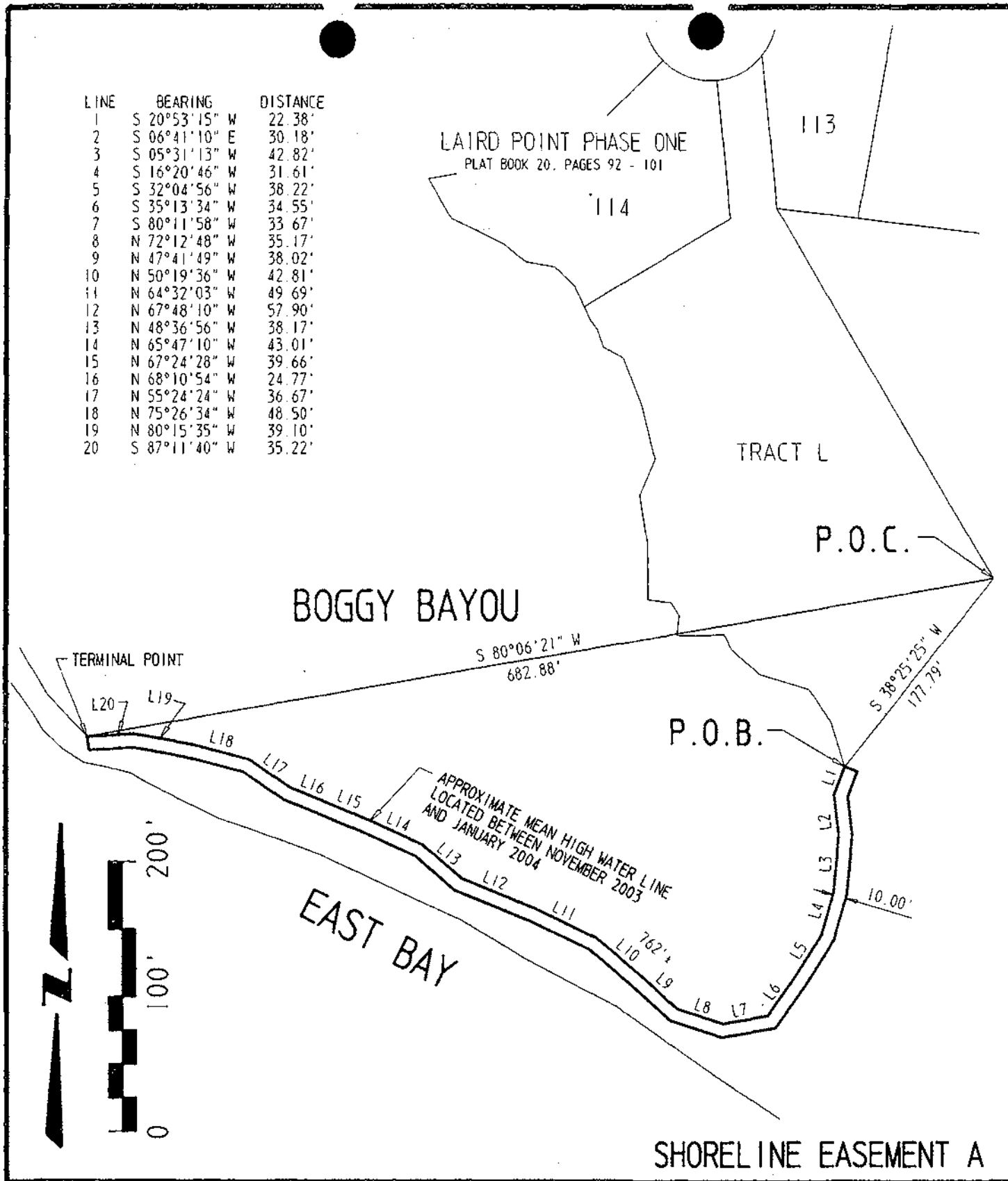
PLAT OF SKETCH OF DESCRIPTION — SCALE 1" = 600'
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 1 OF 5

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: SHORE-CO

LINE	BEARING	DISTANCE
1	S 20°53'15" W	22.38'
2	S 06°41'10" E	30.18'
3	S 05°31'13" W	42.82'
4	S 16°20'46" W	31.61'
5	S 32°04'56" W	38.22'
6	S 35°13'34" W	34.55'
7	S 80°11'58" W	33.67'
8	N 72°12'48" W	35.17'
9	N 47°41'49" W	38.02'
10	N 50°19'36" W	42.81'
11	N 64°32'03" W	49.69'
12	N 67°48'10" W	57.90'
13	N 48°36'56" W	38.17'
14	N 65°47'10" W	43.01'
15	N 67°24'28" W	39.66'
16	N 68°10'54" W	24.77'
17	N 55°24'24" W	36.67'
18	N 75°26'34" W	48.50'
19	N 80°15'35" W	39.10'
20	S 87°11'40" W	35.22'



SHORELINE EASEMENT A

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

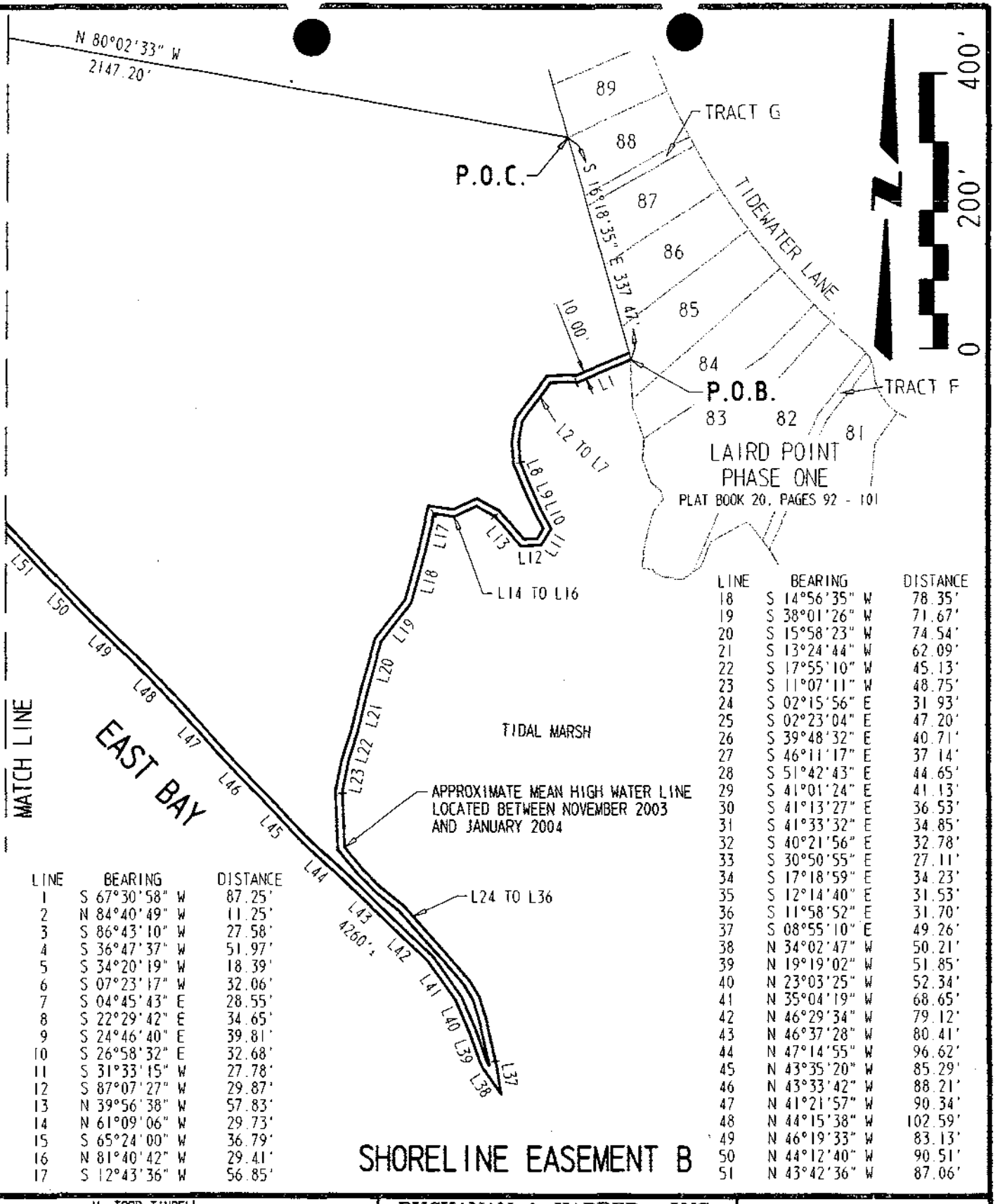
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SKETCH OF DESCRIPTION — SCALE 1" = 100'
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9682
ELEVATION REFERENCE — SHEET NO. 2 OF 5

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: SHORA-



LINE	BEARING	DISTANCE
1	S 67°30'58" W	87.25'
2	N 84°40'49" W	11.25'
3	S 86°43'10" W	27.58'
4	S 36°47'37" W	51.97'
5	S 34°20'19" W	18.39'
6	S 07°23'17" W	32.06'
7	S 04°45'43" E	28.55'
8	S 22°29'42" E	34.65'
9	S 24°46'40" E	39.81'
10	S 26°58'32" E	32.68'
11	S 31°33'15" W	27.78'
12	S 87°07'27" W	29.87'
13	N 39°56'38" W	57.83'
14	N 61°09'06" W	29.73'
15	S 65°24'00" W	36.79'
16	N 81°40'42" W	29.41'
17	S 12°43'36" W	56.85'

LINE	BEARING	DISTANCE
18	S 14°56'35" W	78.35'
19	S 38°01'26" W	71.67'
20	S 15°58'23" W	74.54'
21	S 13°24'44" W	62.09'
22	S 17°55'10" W	45.13'
23	S 11°07'11" W	48.75'
24	S 02°15'56" E	31.93'
25	S 02°23'04" E	47.20'
26	S 39°48'32" E	40.71'
27	S 46°11'17" E	37.14'
28	S 51°42'43" E	44.65'
29	S 41°01'24" E	41.13'
30	S 41°13'27" E	36.53'
31	S 41°33'32" E	34.85'
32	S 40°21'56" E	32.78'
33	S 30°50'55" E	27.11'
34	S 17°18'59" E	34.23'
35	S 12°14'40" E	31.53'
36	S 11°58'52" E	31.70'
37	S 08°55'10" E	49.26'
38	N 34°02'47" W	50.21'
39	N 19°19'02" W	51.85'
40	N 23°03'25" W	52.34'
41	N 35°04'19" W	68.65'
42	N 46°29'34" W	79.12'
43	N 46°37'28" W	80.41'
44	N 47°14'55" W	96.62'
45	N 43°35'20" W	85.29'
46	N 43°33'42" W	88.21'
47	N 41°21'57" W	90.34'
48	N 44°15'38" W	102.59'
49	N 46°19'33" W	83.13'
50	N 44°12'40" W	90.51'
51	N 43°42'36" W	87.06'

SHORELINE EASEMENT B

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

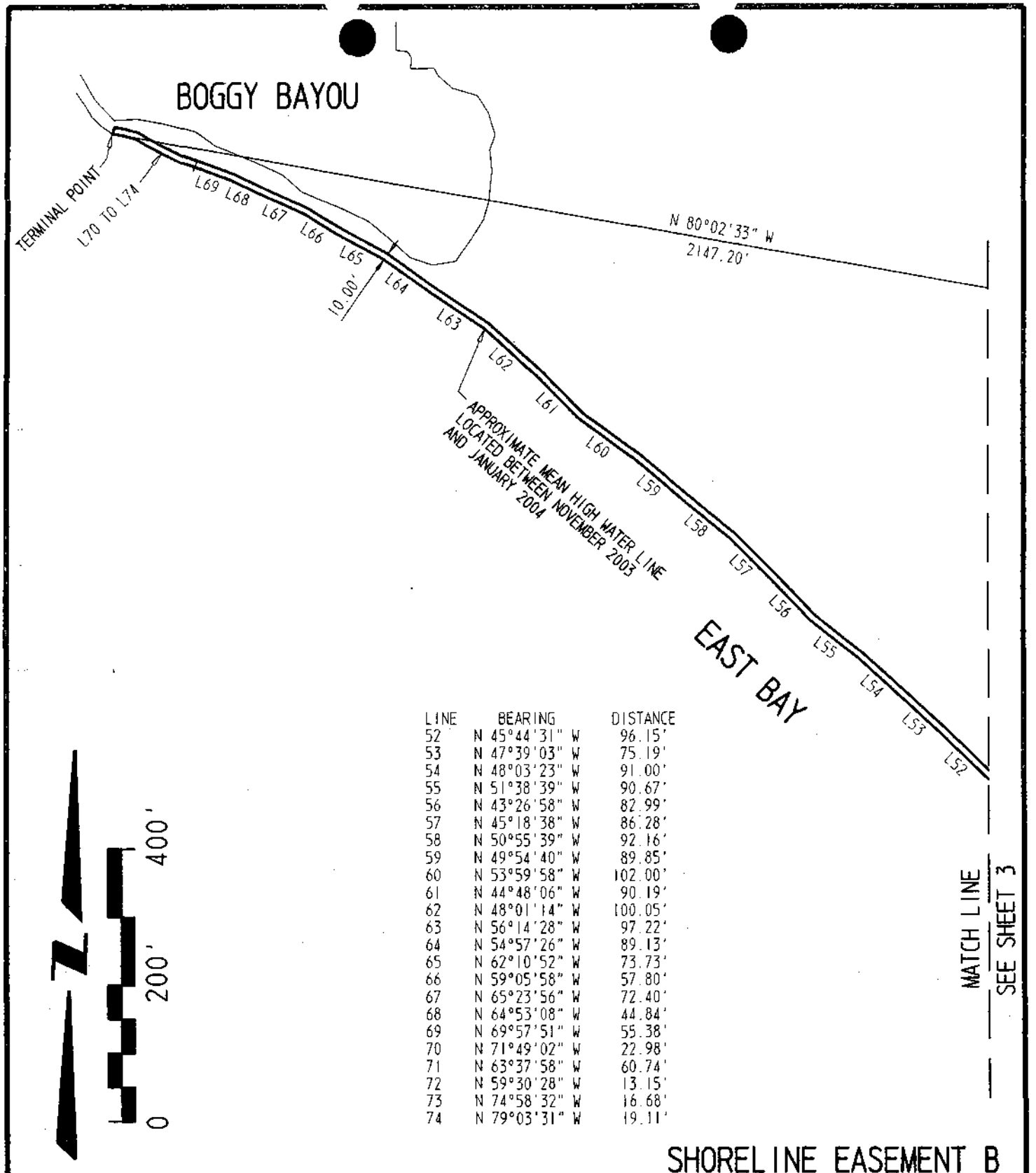
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SKETCH OF DESCRIPTION — SCALE 1" = 200'
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 3 OF 5

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: SHORBI-



LINE	BEARING	DISTANCE
52	N 45°44'31" W	96.15'
53	N 47°39'03" W	75.19'
54	N 48°03'23" W	91.00'
55	N 51°38'39" W	90.67'
56	N 43°26'58" W	82.99'
57	N 45°18'38" W	86.28'
58	N 50°55'39" W	92.16'
59	N 49°54'40" W	89.85'
60	N 53°59'58" W	102.00'
61	N 44°48'06" W	90.19'
62	N 48°01'14" W	100.05'
63	N 56°14'28" W	97.22'
64	N 54°57'26" W	89.13'
65	N 62°10'52" W	73.73'
66	N 59°05'58" W	57.80'
67	N 65°23'56" W	72.40'
68	N 64°53'08" W	44.84'
69	N 69°57'51" W	55.38'
70	N 71°49'02" W	22.98'
71	N 63°37'58" W	60.74'
72	N 59°30'28" W	13.15'
73	N 74°58'32" W	16.68'
74	N 79°03'31" W	19.11'

SHORELINE EASEMENT B

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SKETCH OF DESCRIPTION — SCALE 1" = 200'
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 4 OF 5

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: SHORB2-

FOR: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

DESCRIPTION OF SHORELINE EASEMENT A: A 10-FOOT WIDE EASEMENT LANDWARD OF AND PARALLEL WITH THAT PORTION OF THE MEAN HIGH WATER LINE OF BOGGY BAYOU DESCRIBED AS FOLLOWS: COMMENCE AT THE MOST EASTERLY CORNER OF TRACT L, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 38 DEGREES 25 MINUTES 25 SECONDS WEST ALONG THE SOUTHEASTERLY LINE OF SAID TRACT L FOR 178 FEET, MORE OR LESS, TO SAID MEAN HIGH WATER LINE OF BOGGY BAYOU FOR THE POINT OF BEGINNING. THENCE SOUTHERLY AND WESTERLY ALONG SAID MEAN HIGH WATER LINE FOR 762 FEET, MORE OR LESS, TO THE TERMINAL POINT OF SAID EASEMENT, SAID POINT BEING LOCATED SOUTH 80 DEGREES 06 MINUTES 21 SECONDS WEST FOR 682.88 FEET FROM THE POINT OF COMMENCEMENT. SAID EASEMENT LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

DESCRIPTION OF SHORELINE EASEMENT B: A 10-FOOT WIDE EASEMENT LANDWARD OF AND PARALLEL WITH THAT PORTION OF THE MEAN HIGH WATER LINE OF EAST BAY AND THAT PORTION OF THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY DESCRIBED AS FOLLOWS: COMMENCE AT THE NORTHWEST CORNER OF LOT 88, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST ALONG THE WESTERLY LINE OF SAID LOT 88 AND A SOUTHEASTERLY EXTENSION THEREOF FOR 337 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY; THENCE MEANDER CLOCKWISE ALONG SAID MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY AND ALONG THE MEAN HIGH WATER LINE OF EAST BAY FOR 4260 FEET, MORE OR LESS, TO THE TERMINAL POINT OF SAID EASEMENT, SAID POINT BEING LOCATED NORTH 80 DEGREES 02 MINUTES 33 SECONDS WEST FOR 2147.20 FEET FROM THE POINT OF COMMENCEMENT. SAID EASEMENT LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SKETCH OF DESCRIPTION SCALE N/A
SURVEYED 2-5-04 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PA. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO. 9682
ELEVATION REFERENCE SHEET NO. 5 OF 5

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: SHORA-

Attachment P

Tax Statements

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NOTICE OF AD VALOREM TAXES & NON-AD VALOREM ASSESSMENTS

BILL# R 192660 2009
REAL ESTATE TAX/NOTICE RECEIPT FOR BAY COUNTY

PROPERTY # R 06701-179-000

IF PAID IN	11/30/2009	12/31/2009	01/31/2010	02/28/2010	03/31/2010
TOTAL DUE	$1,472.27	$1,487.60	$1,502.94	$1,518.27	$1,533.61

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE	TAX AMOUNT
SCHOOL RLE	.00545200	$609.40
COUNTY	.00365000	$407.98
CALLAWAY	.00225000	$251.49
NW FL WATER MGT	.00004500	$5.03
CO MOSQUITO	.00015250	$17.05
SCHOOL DISC	.00217100	$242.66
TOTAL AD-VALOREM:		**$1,533.61**

NON-AD VALOREM ASSESSMENTS

TAXING AUTHORITY	TAX AMOUNT
TOTAL NON-AD VALOREM:	**$0.00**

COMBINED TAXES & ASMTS:	**$1,533.61**
DISCOUNT:	**-$15.34**
UNPAID BALANCE:	**$1,518.27**

LAIRD POINT INVESTORS, LLC
36468 EMERALD COAST PARKWAY
SUITE 1201
DESTIN, FL 32541

LAIRD POINT PH 1
LOT 79
ORB 3133 P 769
FAIR MKT VALUE $111,775.00 DIST 2
ASSESS $111,775.00 EXEMPT VALUE $0.00
TAXABLE VALUE $111,775.00

Exemptions:

Property Address:
1046 TIDEWATER LN
PANAMA CITY 32404

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NOTICE OF AD VALOREM TAXES & NON-AD VALOREM ASSESSMENTS

BILL# R 192670 2009

REAL ESTATE TAX/NOTICE RECEIPT FOR BAY COUNTY

PROPERTY # R 06701-180-000

IF PAID IN	11/30/2009	12/31/2009	01/31/2010	02/28/2010	03/31/2010
TOTAL DUE	$1,472.27	$1,487.60	$1,502.94	$1,518.27	$1,533.61

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE	TAX AMOUNT
SCHOOL RLE	.00545200	$609.40
COUNTY	.00365000	$407.98
CALLAWAY	.00225000	$251.49
NW FL WATER MGT	.00004500	$5.03
CO MOSQUITO	.00015250	$17.05
SCHOOL DISC	.00217100	$242.66
TOTAL AD-VALOREM:		**$1,533.61**

NON-AD VALOREM ASSESSMENTS

TAXING AUTHORITY	TAX AMOUNT
TOTAL NON-AD VALOREM:	**$0.00**

COMBINED TAXES & ASMTS:	**$1,533.61**
DISCOUNT:	**-$15.34**
UNPAID BALANCE:	**$1,518.27**

LAIRD POINT INVESTORS, LLC
36468 EMERALD COAST PARKWAY
SUITE 1201
DESTIN, FL 32541

LAIRD POINT PH 1
LOT 80
ORB 3133 P 769
FAIR MKT VALUE $111,775.00 DIST 2
ASSESS $111,775.00 EXEMPT VALUE $0.00
TAXABLE VALUE $111,775.00

Exemptions:

Property Address:
1044 TIDEWATER LN
PANAMA CITY 32404

NOTICE OF AD VALOREM TAXES & NON-AD VALOREM ASSESSMENTS

BILL# R 192680 2009

REAL ESTATE TAX/NOTICE RECEIPT FOR BAY COUNTY

PROPERTY # R 06701-181-000

IF PAID IN	11/30/2009	12/31/2009	01/31/2010	02/28/2010	03/31/2010
TOTAL DUE	$1,472.27	$1,487.60	$1,502.94	$1,518.27	$1,533.61

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE	TAX AMOUNT
SCHOOL RLE	.00545200	$609.40
COUNTY	.00365000	$407.98
CALLAWAY	.00225000	$251.49
NW FL WATER MGT	.00004500	$5.03
CO MOSQUITO	.00015250	$17.05
SCHOOL DISC	.00217100	$242.66
TOTAL AD-VALOREM:		**$1,533.61**

NON-AD VALOREM ASSESSMENTS

TAXING AUTHORITY	TAX AMOUNT
TOTAL NON-AD VALOREM:	**$0.00**

COMBINED TAXES & ASMTS:	**$1,533.61**
DISCOUNT:	**-$15.34**
UNPAID BALANCE:	**$1,518.27**

LAIRD POINT INVESTORS, LLC
36468 EMERALD COAST PARKWAY
SUITE 1201
DESTIN, FL 32541

LAIRD POINT PH 1
LOT 81
ORB 3133 P 769
FAIR MKT VALUE $111,775.00 DIST 2
ASSESS $111,775.00 EXEMPT VALUE $0.00
TAXABLE VALUE $111,775.00

Exemptions:

Property Address:
1042 TIDEWATER LN
PANAMA CITY 32404

NOTICE OF AD VALOREM TAXES & NON-AD VALOREM ASSESSMENTS

BILL# R 193040 2009

REAL ESTATE TAX/NOTICE RECEIPT FOR BAY COUNTY

PROPERTY # R 06701-217-000

IF PAID IN	11/30/2009	12/31/2009	01/31/2010	02/28/2010	03/31/2010
TOTAL DUE	$1,472.27	$1,487.60	$1,502.94	$1,518.27	$1,533.61

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE	TAX AMOUNT
SCHOOL RLE	.00545200	$609.40
COUNTY	.00365000	$407.98
CALLAWAY	.00225000	$251.49
NW FL WATER MGT	.00004500	$5.03
CO MOSQUITO	.00015250	$17.05
SCHOOL DISC	.00217100	$242.66
TOTAL AD-VALOREM:		**$1,533.61**

NON-AD VALOREM ASSESSMENTS

TAXING AUTHORITY	TAX AMOUNT
TOTAL NON-AD VALOREM:	**$0.00**

COMBINED TAXES & ASMTS:	**$1,533.61**
DISCOUNT:	**-$15.34**
UNPAID BALANCE:	**$1,518.27**

LAIRD POINT INVESTORS, LLC
36468 EMERALD COAST PARKWAY
SUITE 1201
DESTIN, FL 32541

LAIRD POINT PH 1
LOT 117
ORB 3133 P 769
FAIR MKT VALUE $111,775.00 DIST 2
ASSESS $111,775.00 EXEMPT VALUE $0.00
TAXABLE VALUE $111,775.00

Exemptions:

Property Address:
1012 BREEZE CT
PANAMA CITY 32404

NOTICE OF AD VALOREM TAXES & NON-AD VALOREM ASSESSMENTS

BILL# R 193560 2009

REAL ESTATE TAX/NOTICE RECEIPT FOR BAY COUNTY

PROPERTY # R 06701-269-000

IF PAID IN	11/30/2009	12/31/2009	01/31/2010	02/28/2010	03/31/2010
TOTAL DUE	$3,865.96	$3,906.23	$3,946.50	$3,986.77	$4,027.04

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE	TAX AMOUNT
SCHOOL RLE	.00545200	$1,600.19
COUNTY	.00365000	$1,071.29
CALLAWAY	.00225000	$660.39
NW FL WATER MGT	.00004500	$13.21
CO MOSQUITO	.00015250	$44.76
SCHOOL DISC	.00217100	$637.20
TOTAL AD-VALOREM:		**$4,027.04**

NON-AD VALOREM ASSESSMENTS

TAXING AUTHORITY	TAX AMOUNT
TOTAL NON-AD VALOREM:	**$0.00**

COMBINED TAXES & ASMTS:	**$4,027.04**
DISCOUNT:	**-$40.27**
UNPAID BALANCE:	**$3,986.77**

LAIRD POINT INVESTORS, LLC
36468 EMERALD COAST PARKWAY
SUITE 1201
DESTIN, FL 32541

LAIRD POINT PH 1 TRACT L
FUTURE DEV OR COMMON AREA
ORB 3133 P 769

FAIR MKT VALUE $293,505.00 DIST 2
ASSESS $293,505.00 EXEMPT VALUE $0.00
TAXABLE VALUE $293,505.00

Exemptions:

Property Address:

PANAMA CITY 32404

NOTICE OF AD VALOREM TAXES & NON-AD VALOREM ASSESSMENTS

BILL# R 228950 2009
REAL ESTATE TAX/NOTICE RECEIPT FOR BAY COUNTY

PROPERTY # R 07381-010-000

IF PAID IN	11/30/2009	12/31/2009	01/31/2010	02/28/2010	03/31/2010
TOTAL DUE	$15,051.37	$15,208.15	$15,364.94	$15,521.72	$15,678.51

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE	TAX AMOUNT
SCHOOL RLE	.00545200	$6,230.04
COUNTY	.00365000	$4,170.88
CALLAWAY	.00225000	$2,571.09
NW FL WATER MGT	.00004500	$51.42
CO MOSQUITO	.00015250	$174.26
SCHOOL DISC	.00217100	$2,480.82
TOTAL AD-VALOREM:		**$15,678.51**

NON-AD VALOREM ASSESSMENTS

TAXING AUTHORITY	TAX AMOUNT
TOTAL NON-AD VALOREM:	**$0.00**

COMBINED TAXES & ASMTS:	**$15,678.51**
DISCOUNT:	**-$156.79**
UNPAID BALANCE:	**$15,521.72**

LAIRD POINT INVESTORS, LLC
36468 EMERALD COAST PARKWAY
SUITE 1201
DESTIN, FL 32541

92.17 ACRES
22 4S 13W 135A -1.1- 147 LOT 2
ORIG & BEG 1317.45' S &
1565.57' W OF NE COR W 1/2 GOV
FAIR MKT VALUE $1,142,708.00 DIST 2
ASSESS $1,142,708.00 EXEMPT VALUE $0.00
TAXABLE VALUE $1,142,708.00

Exemptions:

Property Address:
LAIRD POINT DR
PANAMA CITY 32404

NOTICE OF AD VALOREM TAXES & NON-AD VALOREM ASSESSMENTS

BILL# R 228960 2009

REAL ESTATE TAX/NOTICE RECEIPT FOR BAY COUNTY

PROPERTY # R 07381-020-000

IF PAID IN	11/30/2009	12/31/2009	01/31/2010	02/28/2010	03/31/2010
TOTAL DUE	$162.28	$163.97	$165.66	$167.35	$169.04

AD VALOREM TAXES

TAXING AUTHORITY	MILLAGE RATE	TAX AMOUNT
SCHOOL RLE	.00545200	$67.17
COUNTY	.00365000	$44.97
CALLAWAY	.00225000	$27.72
NW FL WATER MGT	.00004500	$0.55
CO MOSQUITO	.00015250	$1.88
SCHOOL DISC	.00217100	$26.75
TOTAL AD-VALOREM:		**$169.04**

NON-AD VALOREM ASSESSMENTS

TAXING AUTHORITY	TAX AMOUNT
TOTAL NON-AD VALOREM:	**$0.00**

COMBINED TAXES & ASMTS:	**$169.04**
DISCOUNT:	**-$1.69**
UNPAID BALANCE:	**$167.35**

LAIRD POINT INVESTORS, LLC
36468 EMERALD COAST PARKWAY
SUITE 1201
DESTIN, FL 32541

1.11 ACRES
22-4S-13W -1.2- 147
BEG 1248.13' E OF NW COR TH E 1245.78' S 1317.45' W 203.1'
FAIR MKT VALUE $12,320.00 DIST 2
ASSESS $12,320.00 EXEMPT VALUE $0.00
TAXABLE VALUE $12,320.00

Exemptions:

Property Address:
22 4S 13W -1.2-
PANAMA CITY 32404

Attachment Q

Title Insurance Commitment

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First American Title Insurance Company

Agent File No.: **09-0078PO**

Issued pursuant to Commitment No.: **1054-2073182**
Policy No.: **FA-35-1654703**

First American Title Insurance Company

SCHEDULE A

Date of Policy: **March 02, 2009 @ 10:59 AM** Amount of Insurance: **$1,125,000.00**

1. Name of Insured:

   Laird Point Investors, LLC, a Florida Limited Liability Company

2. The estate or interest in the land described herein and which is covered by this policy is:

   Fee Simple

3. Title to the estate or interest in the land is vested in:

   Laird Point Investors, LLC, a Florida Limited Liability Company

4. The land referred to in this policy is described as follows:

   See Schedule A (continued) attached hereto and made a part hereof.

McNeese Title, LLC

By: _____
Authorized Signatory

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FEB - 9 2010
NORTHWEST FLORIDA
DEP

Agent File No.: **09-0078PO**

Issued pursuant to Commitment No.: **1054-2073182**
Policy No.: **FA-35-1654703**

Schedule A (continued)

PARCEL 1
Those lands contained in the plat of Laird Point Phase One, as shown recorded in Plat Book 20, Pages 92 through 101, inclusive, of the Public Records of Bay County, Florida, and being more particularly described as follows:

The South 200 feet of the North Half of the Southeast Quarter of the Southwest Quarter and the South Half of the Southeast Quarter of the Southwest Quarter of Section 15, Township 4 South, Range 13 West; and a portion of Government Lots 1 and 2, Section 22, Township 4 South, Range 13 West, Bay County, Florida, more particularly described as follows: Begin at the Southwest corner of the Southeast Quarter of the Southwest Quarter of Section 15, Township 4 South, Range 13 West, Bay County, Florida. Thence North 02 degrees 25 minutes 41 seconds West along the line monumented and accepted as the West line of said Southeast Quarter of the Southwest Quarter for 861.89 feet to the North line of the South 200 feet of the North Half of the Southeast Quarter of the Southwest Quarter of said Section 15; thence North 88 degrees 34 minutes 12 seconds East along said North line for 1256.84 feet to the East line of the Southeast Quarter of said Section 15; thence South 01 degrees 36 minutes 26 seconds East along said East line for 861.29 feet to the edge of Laird Bayou; thence Southerly along said bayou and Westerly and Northerly along the edge of East Bay to a point located South 02 degrees 25 minutes 41 seconds East for 2735.14 feet and North 87 degrees 34 minutes 19 seconds East for 1421.18 feet from the Point of Beginning; thence North 16 degrees 18 minutes 35 seconds West for 440.02 feet; thence North 37 degrees 21 minutes 44 seconds West for 233.95 feet; thence South 50 degrees 48 minutes 57 seconds West for 132.47 feet; thence North 83 degrees 40 minutes 59 seconds West for 145.96 feet; thence North 41 degrees 10 minutes 55 seconds West for 158.46 feet; thence North 00 degrees 12 minutes 21 seconds West for 127.47 feet; thence North 45 degrees 53 minutes 43 seconds West for 283.87 feet; thence North 12 degrees 46 minutes 27 seconds West for 136.13 feet to a non-tangent curve concave to the Southwest having a radius of 230.00 feet; thence Northwesterly along said curve for an arc distance of 217.69 feet, the chord of said arc bearing North 14 degrees 39 minutes 16 seconds West for 209.65 feet; thence South 48 degrees 13 minutes 53 seconds West for 60.00 feet; thence South 25 degrees 35 minutes 54 seconds West for 128.77 feet; thence North 76 degrees 30 minutes 13 seconds West for 86.93 feet; thence South 61 degrees 08 minutes 12 seconds West for 258.88 feet; thence North 83 degrees 03 minutes 26 seconds West for 381.93 feet; thence South 30 degrees 28 minutes 01 second East for 317.83 feet; thence South 38 degrees 25 minutes 25 seconds West for 177.79 feet to the edge of Boggy Bayou; thence Northerly along said bayou to a point located South 02 degrees 25 minutes 41 seconds East for 587.03 feet and South 87 degrees 34 minutes 19 seconds West for 195.62 feet from the Point of Beginning; thence North 06 degrees 15 minutes 07 seconds East for 79.96 feet to a non-tangent curve concave to the North having a radius of 380.00 feet; thence Easterly along said curve for an arc distance of 69.79 feet, the chord of said arc bearing South 89 degrees 00 minutes 34 seconds East for 69.70 feet; thence North 04 degrees 16 minutes 17 seconds West for 60.00 feet; thence North 13 degrees 45 minutes 26 seconds East for 152.11 feet; thence North 35 degrees 08 minutes 48 seconds East for 252.52 feet; thence North 39 degrees 38 minutes 58 seconds West for 133.05 feet to the Point of Beginning.

LESS AND EXCEPT: Lots 1 through 64, inclusive, Lots 68 through 73 inclusive, Lot 76, Lots 82

Agent File No.: **09-0078PO**

Issued pursuant to Commitment No.: **1054-2073182**
Policy No.: **FA-35-1654703**

through 116, inclusive and Lots 118 through 167, inclusive, Laird Point Phase One, according to the plat thereof recorded in Plat Book 20, Pages 92 through 101, of the Public Records of Bay County, Florida.

PARCEL 2
Commence at the Northwest corner of the Southeast Quarter of Section 15, Township 4 South, Range 13 West, Bay County, Florida; thence South 01 degree 36 minutes 26 seconds East along the West line of said Southeast Quarter of Section 15 for 309.00 feet to the Point of Beginning; thence North 88 degrees 08 minutes 16 seconds East for 40.00 feet; thence South 01 degree 36 minutes 26 seconds East for 1635.95 feet; thence South 88 degrees 08 minutes 16 seconds West for 40.00 feet to said West line of the Southeast Quarter of Section 15; thence North 01 degree 36 minutes 26 seconds West along said West line for 1635.95 feet to the Point of Beginning.

PARCEL 3
Commence at the Northwest corner of the Southeast Quarter of Section 15, Township 4 South, Range 13 West, Bay County, Florida; thence South 01 degree 36 minutes 26 seconds East along the West line of said Southeast Quarter of Section 15 for 50.00 feet to the South right of way line of Old Bicycle Road (100 foot right of way) and the Point of Beginning; thence North 88 degrees 08 minutes 16 seconds East along said South right of way line for 40.00 feet; thence South 01 degree 36 minutes 26 seconds East for 259.00 feet; thence South 88 degrees 08 minutes 16 seconds West for 40.00 feet to said West line of the Southeast Quarter of Section 15; thence North 01 degree 36 minutes 26 seconds West along said West line for 259.00 feet to the Point of Beginning.

PARCEL 4
Begin at the Southwest corner of the Southeast Quarter of the Southwest Quarter of Section 15, Township 4 South, Range 13 West, Bay County, Florida. Thence Southerly along the Westerly boundary of Laird Point Phase One, according to the plat recorded in Plat Book 20, Pages 92 through 101, in the Public Records of Bay County, Florida, as follows: South 39 degrees 38 minutes 58 seconds East for 133.05 feet; South 35 degrees 08 minutes 48 seconds West for 252.52 feet; South 13 degrees 45 minutes 26 seconds West for 152.11 feet; South 04 degrees 16 minutes 17 seconds East for 60.00 feet to a non-tangent curve concave to the North having a radius of 380.00 feet; Westerly along said curve for an arc distance of 69.79 feet, the chord of said arc bearing North 89 degrees 00 minutes 34 seconds West for 69.70 feet; South 06 degrees 15 minutes 07 seconds West for 80 feet, more or less, to the mean high water line of Boggy Bayou; thence leaving said Westerly boundary of Laird Point Phase One, Southwesterly and Northwesterly along said mean high water line for 1479 feet, more or less, to the North line of Government Lot 1, Section 22, Township 4 South, Range 13 West; thence North 88 degrees 43 minutes 06 seconds East along said North line for 979 feet, more or less to the Point of Beginning. Lying and being situate in said Government Lot 1, Section 22, Township 4 South, Range 13 West, Bay County, Florida.

PARCEL 5
Begin at the most Easterly corner of Tract L, Laird Point Phase One, according to the plat recorded in Plat Book 20, Pages 92 through 101, in the Public Records of Bay County, Florida. Thence along the boundary of said Laird Point Phase One as follows: North 30 degrees 28 minutes 01 second West for 317.83 feet; South 83 degrees 03 minutes 26 seconds East for 381.93 feet; North 61 degrees 08 minutes 12 seconds East for 258.88 feet; South 76 degrees 30 minutes 13 seconds East for 86.93 feet; North 25 degrees 35 minutes 54 seconds East for 128.77 feet; North 48 degrees 13 minutes 53 seconds East for 60.00 feet to a non-tangent curve concave to the Southwest

Agent File No.: 09-0078PO

Issued pursuant to Commitment No.: 1054-2073182
Policy No.: FA-35-1654703

having a radius of 230.00 feet; Southeasterly along said curve for an arc distance of 217.69 feet, the chord of said arc bearing South 14 degrees 39 minutes 16 seconds East for 209.65 feet; South 12 degrees 46 minutes 27 seconds East for 136.13 feet; South 45 degrees 53 minutes 43 seconds East for 283.87 feet; South 00 degrees 12 minutes 21 seconds East for 127.47 feet; South 41 degrees 10 minutes 55 seconds East for 158.46 feet; South 83 degrees 40 minutes 59 seconds East for 145.96 feet; North 50 degrees 48 minutes 57 seconds East for 132.47 feet; South 37 degrees 21 minutes 44 seconds East for 233.95 feet; South 16 degrees 18 minutes 35 seconds East for 440 feet, more or less, to the mean high water line of a tidal marsh of East Bay; thence leaving said boundary of Laird Point Phase One, meander clockwise along the mean high water line of said tidal marsh, along the mean high water line of East Bay and along the mean high water line of Boggy Bayou for 6018 feet, more or less, to the Southeasterly line of said Tract L; thence North 38 degrees 25 minutes 25 seconds East along said Southeasterly line for 178 feet, more or less, to the Point of Beginning. Lying and being situate in Government Lot 2, Section 22, Township 4 South, Range 13 West, Bay County, Florida.

PARCEL 6
Commence at the most Westerly corner of Lot 85, Laird Point Phase One, according to the plat recorded in Plat Book 20, Pages 92 through 101, in the Public Records of Bay County, Florida. Thence South 16 degrees 18 minutes 35 seconds East along the Westerly line of said Lot 85 and a Southeasterly extension thereof for 616.76 feet to a concrete monument on an island located in a tidal marsh of East Bay; thence continue South 16 degrees 18 minutes 35 seconds East along said extension for 41 feet, more or less, to the mean high water line of said tidal marsh for the Point of Beginning; thence meander clockwise along said mean high water line for 264 feet, more or less, to the Point of Beginning. Lying and being situate in Government Lot 2, Section 22, Township 4 South, Range 13 West, Bay County, Florida.

PARCEL 7
Commence at the most Westerly corner of Lot 85, Laird Point Phase One, according to the plat recorded in Plat Book 20, Pages 92 through 101, in the Public Records of Bay County, Florida. Thence South 16 degrees 18 minutes 35 seconds East along the Westerly line of said Lot 85 and a Southeasterly extension thereof for 1279.96 feet to a concrete monument on an island located on the Southerly edge of a tidal marsh of East Bay; thence continue South 16 degrees 18 minutes 35 seconds East along said extension for 19 feet, more or less, to the mean high water line of East Bay for the Point of Beginning. Thence meander clockwise along the mean high water line of said East Bay, along the mean high water line of said tidal marsh and along the mean high water line of Laird Bayou for 3413 feet, more or less, to the Point of Beginning. Lying and being situate in Government Lot 2, Section 22, Township 4 South, Range 13 West, Bay County, Florida.

TOGETHER WITH (for the benefit of Parcels 4 and 5, independently of each other) Easements for access and utilities over the streets and roads of Laird Point Phase One, as shown on the recorded plat thereof at Plat Book 20, Page 92, Official Records of Bay County, Florida, and over the private road Parcels 2 and 3 above.

Agent File No.: **09-0078PO**

Issued pursuant to Commitment No.: **1054-2073182**
Policy No.: **FA-35-1654703**

SCHEDULE B

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Any rights, interests, or claims of parties in possession of the land not shown by the public records.

2. Any rights, interests, or claims affecting the land which a correct survey would disclose and which are not shown by the public records.

3. Any lien for services, labor, or materials in connection with improvements, repairs or renovations provided before, on, or after Date of Policy, not shown by the public records.

4. Any dispute as to the boundaries caused by a change in the location of any water body within or adjacent to the land prior to Date of Policy, and any adverse claim to all or part of the land that is, at Date of Policy, or was previously, under water.

5. Taxes or special assessments not shown as liens in the public records or in the records of the local tax collecting authority, at Date of Policy.

6. Any minerals or mineral rights leased, granted or retained by prior owners.

7. Taxes and assessments for the year **2009** and subsequent years.

NOTE: Exceptions Numbered 1, 3 and 5 above are Hereby Deleted.

8. Any map or diagram now or previously provided is for reference and informational purposes only. The Company and its agents expressly disclaim any liability for alleged loss or damage which may result from reliance upon such map(s) or diagram(s). The foregoing does not limit any express coverages provided by the terms and provisions of any title insurance policy for matters which might be revealed by a survey prepared and certified in accord with Florida Statutes Section 472.027.

9. Standard exception item no. 6 above is hereby deleted.

10. Concurrent rights of others to use the easement described in Schedule "A".

11. This Policy does not insure title to any part of the land lying below the mean high water line of any abutting body of water.

Agent File No.: **09-0078PO**

Issued pursuant to Commitment No.: **1054-2073182**
Policy No.: **FA-35-1654703**

12. Any adverse claim based upon the assertion that:
1. Some portion of said land has been created by artificial means or has accreted to such portion so created.

2. Some portion of said land has been brought within the boundaries thereof by an avulsive movement of the Laird Bayou, Boggy Bayou and East Bay, or has been formed by accretion to any such portion.

13. Notwithstanding the legal description in Schedule A, this commitment and any policies issued pursuant hereto does/do not insure against claims of the State of Florida based on the doctrine of the state's sovereign ownership of lands lying beneath navigable waterbodies, or lands lying beneath tidally influenced waters.

14. The public records do not show any legal right of access to or from the Parcels 6 and 7, and, by reason thereof, the Company does not insure any right of access to and from the insured property.

15. Riparian and/or littoral rights are not insured, nor are rights of use of the man made canal.

16. The right, title or interest, if any, of the public to use a public beach or recreation area or any part of the land described in Schedule A hereof, lying between the water abutting said land and the most inland of any of the following: (a) the natural line of vegetation; (b) the most extreme high water mark; (c) the bulkhead line; or (d) any other line which has been or which hereafter may be legally established as relating to such public use.

17. Due to all or a part of the land described herein being artificially filled in land in what was formerly navigable waters, this policy is subject to the right of the United States Government, arising by reason of the United States Government's control over navigable waters in the interest of navigation and commerce. Florida

18. Any loss or damage occasioned by or resulting from any of subject property not being assessed on the property tax rolls and/or not having been paid.

Agent File No.: **09-0078PO**

Issued pursuant to Commitment No.: **1054-2073182**
Policy No.: **FA-35-1654703**

19. Reservations in Deed recorded in Deed Book 80, Page 38.

20. Oil, gas and mineral reservations contained in instrument recorded in Deed Book 101, Page 495, Book 604, Page 570, Book 740, Page 259 and Book 1706, Page 1255.

21. Easement granted to Gulf Power Company by instrument recorded in Book 83, Page 366.

22. Restrictions, dedications, conditions, reservations, easements and other matters shown on the plat of Laird Point Phase One, as recorded in Plat Book 20, Page(s) 92 through 101, but deleting any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status or national origin to the extent such covenants, conditions or restrictions violate 42 USC 3604(c).

23. Easement Agreement recorded in Book 2554, Page 839 and Book 2554, Page 848.

24. Declaration of Covenants, Conditions and Restrictions recorded in Book 2568, Page 815 and Amended in Book 2778, Page 2076 , but deleting any covenant, condition or restriction indicating a preference, limitation or discrimination based on race, color, religion, sex, handicap, familial status or national origin to the extent such covenants, conditions or restrictions violate 42 USC 3604(c).

25. By-Laws of Laird Point Property Owners Association recorded in Book 2569, Page 1226.

26. Easement Agreement recorded in Book 2575, Page 105.

27. Easement granted to Southern Bell Telephone and Telegraph Company by instrument recorded in Book 2737, Page 780 and Book 2737, Page 784.

Agent File No.: **09-0078PO**

Issued pursuant to Commitment No.: **1054-2073182**
Policy No.: **FA-35-1654703**

28. Easement granted to Gulf Power Company by instrument recorded in Book 2827, Page 1096.

Agent File No.: **09-0078PO**

Issued pursuant to Commitment No.: **1054-2073182**
Policy No.: **FA-35-1654703**

Notices, Where Sent

All notices required to be given the Company and any statement in writing required to be furnished the Company shall include the number of this policy and shall be addressed to the Company, Attention: Claims Department, 2075 Centre Pointe Boulevard, Tallahassee, Florida 32308-3752.

Service, Quality and Availability

First American Title Insurance Company cares about its customers and their availability to obtain information and services on a convenient, timely and accurate basis. A qualified staff of service representatives is dedicated to serving you.

A toll-free number is available for your convenience in obtaining information about coverage and to provide assistance in resolving complaints: 1-800-929-7186. Office hours are from 8:30 a.m. through 5:30 p.m., Monday through Friday.

Attachment R

Baseline Documentation

RECEIVED
FEB - 9 2010
NORTHWEST FLORIDA
DEP

INCOMPLETE DOCUMENT

PLEASE NOTE THAT ONE OR MORE PAGES WERE MISSING FROM THIS DOCUMENT AT THE TIME OF SCANNING.

CONSERVATION EASEMENT
DOCUMENT 1

File # 2010037699, OR BK 3256 Page 29, Recorded 07/23/2010 at 11:17 AM, Bill Kinsaul, Clerk Bay County, Florida Deputy Clerk GB Trans # 995125

Return to:
Department of Environmental Protection
160 Governmental Center
Pensacola FL, 32501
Andy Joslyn

CONSERVATION EASEMENT

THIS CONSERVATION EASEMENT is given this 11th day of March, 2010, by LAIRD POINT INVESTORS, LLC, a Florida limited liability company, having an address at 36468 Emerald Coast Parkway, Suite 1201, Destin, Florida 32541 (Grantor) to the State of Florida Department of Environmental Protection (DEPARTMENT), whose address is Department of Environmental Protection, Division of State Lands, 3900 Commonwealth Boulevard, Mail Station 130, Tallahassee, Florida 32399-3000. As used herein, the term Grantor shall include any and all heirs, successors or assigns of the Grantor, and all subsequent owners of the Property (as hereinafter defined) and the term DEPARTMENT shall include any successor or assignee of the DEPARTMENT.

WITNESSETH

WHEREAS, the Grantor is the sole owner in fee simple of certain lands situated in Bay County, Florida, more specifically described in Exhibit A attached hereto and incorporated herein (Property);

WHEREAS, the Grantor desires to construct Laird Point (Project) at a site in Bay County, which is subject to the regulatory jurisdiction of the Department under Part IV of Chapter 373 of the Florida Statutes;

WHEREAS, Department Permit No. 03-0245341-004-DF (Permit) authorizes certain activities which affect waters in or of the State of Florida;

WHEREAS, this Permit requires that the Grantor preserve, enhance, restore or mitigate for impacts to wetlands, other surface waters, or uplands under the Department's jurisdiction; and

WHEREAS, pursuant to Section 373.414(1)(b), F.S., the DEPARTMENT agrees to accept this conservation easement and the Grantor agrees to grant this conservation easement as a condition of the Permit issued by the Department to offset or prevent adverse impacts to water quality and natural resources, such as fish, wildlife, and wetland or other surface water functions. Specifically, this conservation easement is intended to:

Offset impacts to wetlands and other surface waters;
Prevent cumulative impacts:
Prevent secondary impacts to the functions provided to fish, wildlife, and listed species by wetlands, other surface waters, and uplands;
Protect a mitigation area:

WHEREAS, the U.S. Army Corps of Engineers (Army Corps) Permit No. SAJ-2005-2043 (Corps Permit) authorizes certain activities in the waters of the United States and requires this conservation easement over the lands identified in Exhibit **A** as mitigation for such activities;

WHEREAS The Army Corps is not authorized to hold conservation easements and the DEPARTMENT has agreed to hold the easement on behalf of the Corps;

NOW THEREFORE, in consideration of the above and the mutual covenants, terms, conditions and restrictions contained herein, together with other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, Grantor hereby voluntarily grants and conveys a perpetual conservation easement, as defined in Section 704.06, Florida Statutes, for and in favor of the DEPARTMENT upon the Property which shall run with the land and be binding upon the Grantor, and shall remain in full force and effect forever.

The scope, nature and character of this conservation easement shall be as follows:

1. Purpose. The purpose of this conservation easement is to retain land or water areas in their natural, vegetative, hydrologic, scenic, open, agricultural or wooded condition and to retain such areas as suitable habitat for fish, plants or wildlife. Those wetland or upland areas included in the conservation easement that are to be enhanced or created pursuant to the Permit shall be retained and maintained in the enhanced or created conditions required by the Permit.

2. Rights of the DEPARTMENT. To carry out this purpose, the following rights are conveyed to the DEPARTMENT by this easement:

a. The right to take action to preserve and protect the environmental value of the Property;

b. The right to prevent any activity on or use of the Property that is inconsistent with the purpose of this conservation easement, and to require the restoration of areas or features of the Property that may be damaged by any inconsistent activity or use;

c. The right to enter upon and inspect the Property in a reasonable manner and at reasonable times, including the right to use vehicles and all necessary equipment to determine if Grantor or its successors and assigns are complying with the covenants and prohibitions contained in this conservation easement; and

d. The right to enforce this conservation easement by injunction or proceed at law or in equity to enforce the provisions of this conservation easement and the covenants set forth herein, to prevent the occurrence of any of the prohibited activities hereinafter set forth, and the right to require Grantor to restore such areas or features of the Property that may be damaged by any inconsistent activity or use.

3. Prohibited Uses. Any activity on or use of the Property inconsistent with the purpose of this conservation easement is prohibited. Without limiting the foregoing, the following activities and uses are expressly prohibited, except for restoration, creation, enhancement, maintenance, and monitoring activities authorized by the Permit:

a. Construction or placing of structures on, above, or below the ground, including but not limited to buildings, roads, billboards or other advertising; utilities, signs (other than those marking the conservation easement), or other structures, except boardwalks;

b. Dumping or placing of soil or other substances as land fill, or dumping or placing of trash, waste, or unsightly or offensive materials;

c. Removal or destruction of trees, shrubs, or other vegetation, except nuisance, invasive, exotic, or nonnative species upon prior written approval by the DEPARTMENT;

d. Planting or seeding of exotic or nuisance species or other plants that are outside their natural range or zone of dispersal and have or are able to form self-sustaining, expanding, and free-living populations in a natural community with which they have not previously associated;

e. Exploration for or extraction of oil or gas, and excavation, dredging, or removal of loam, peat, gravel, soil, rock, or other material substance in such manner as to affect the surface;

f. Surface use except for purposes that permit the land or water area to remain in its natural condition;

g. Activities detrimental to drainage, flood control, water conservation, erosion control, soil conservation, or fish and wildlife habitat preservation including, but not limited to, ditching, diking, dredging, and fencing;

h. Acts or uses detrimental to such aforementioned retention and maintenance of land or water areas;

i. Acts or uses detrimental to the preservation of the structural integrity or physical appearance of sites, or properties of historical, architectural, archaeological, or cultural significance; and

j. The use of All-Terrain Vehicles, other than those used for land management activities.

4. Reserved Rights. Grantor reserves to itself, its successors or assigns all rights as owner of the Property, including the right to engage in uses of the Property that are not prohibited herein and that are not inconsistent with any Department rules, criteria, permit and the intent and purposes of this conservation easement. The following resource based recreational uses are not contrary to the purposes of this conservation easement upon prior written approval by the DEPARTMENT.

a. Controlled burning.

b. Machine clearing of fire lines and fire breaks as part of fire fighting, fire suppression, or controlled burns.

c. Installation of fences for land management or habitat protection purposes.

d. Removal or extermination of nuisance or exotic animal species.

e. Installation of signs for land management or for habitat protection purposes.

f. Limited land clearing for the purpose of establishing amenities such as pile supported boardwalks; un-mulched and unpaved walking and biking trails; and informational and directional signs. The general locations of these activities are as depicted in Exhibit B. These activities shall be subject to the following conditions:

(1) Grantor shall minimize and avoid, to the fullest extent possible, impact to any wetland or upland buffer areas within the conservation easement area and shall avoid materially diverting the direction of the natural surface water flow in such area;

(2) Such facilities and improvements shall be constructed and maintained to be aesthetically pleasing and not contrary to the purposes of this conservation easement;

(3) This conservation easement shall not constitute permit authorization for the construction and operation of the resource based recreational facilities. Any such work shall be subject to all applicable federal, state, regional or local permitting requirements.

5. Public Access. No right of access by the general public to any portion of the Property is conveyed by this conservation easement.

6. Responsibilities of Parties. Grantor on behalf of itself and its successors or assigns hereby agrees to bear all costs and liabilities related to the operation, upkeep, or maintenance of the Property and Grantor does hereby indemnify and hold harmless the DEPARTMENT from same. In addition, the DEPARTMENT and its successors or assigns shall have no responsibility for any costs or liabilities related to the operation, upkeep or maintenance of the Property.

7. Taxes. Grantor, its successors or assigns, shall pay before delinquency any and all taxes, assessments, fees, and charges of whatever description levied on or assessed by competent authority on the Property, and shall furnish the DEPARTMENT with satisfactory evidence of payment upon request.

8. Liability. Grantor, its successors or assigns, will assume all liability for any injury or damage to the person or property of third parties which may occur on the Property arising from ownership of the Property by the Grantor, its successors or assigns. Neither Grantor, its successors or assigns, nor any person or entity claiming by or through Grantor its successors or assigns, shall hold the DEPARTMENT liable for any damage or injury to person or personal property which may occur on the Property. Furthermore, the Grantor, its successors or assigns shall indemnify and hold harmless the DEPARTMENT for all liability, any injury or damage to the person or property of third parties which may occur on the Property.

9. Hazardous Waste. Grantor covenants and represents that no hazardous substance or toxic waste exists nor has been generated, treated, stored, used, disposed of, or deposited in or on the Property, and that there are not now any underground storage tanks located on the Property. Grantor, its successors or assigns, further indemnify the DEPARTMENT for any and all liability arising from any subsequent placement or discovery of hazardous or toxic material on the property.

In the event such material is discovered, Grantor, its successors or assigns, shall be responsible for the removal of the materials following coordination and written approval of the DEPARTMENT.

10. Enforcement Discretion. Enforcement of the terms, provisions and restrictions of this conservation easement shall be at the reasonable discretion of the DEPARTMENT, and any forbearance on behalf of the DEPARTMENT to exercise its rights hereunder in the event of any breach by Grantor, shall not be deemed or construed to be a waiver of the DEPARTMENT'S rights.

11. Venue and Enforcement Costs. Venue to enforce the terms of this conservation easement shall be in Leon County, Florida. In the event the Army Corps takes enforcement action, venue shall be in a state or federal court of competent jurisdiction. If the DEPARTMENT prevails in an enforcement action, it shall be entitled to recover costs, including expert witness fees, as well as reasonable cost of restoring the land to the natural vegetative and hydrologic condition existing at the time of execution of the conservation easement or to the vegetative and hydrologic condition required by the aforementioned Permit. These remedies are in addition to any other remedy, fine or penalty which may be applicable under Chapters 373 and 403, F.S.

12. Assignment of Rights. The DEPARTMENT agrees to hold this conservation easement exclusively for conservation purposes and that it will not assign its rights and obligations under this conservation easement except to another organization qualified to hold such interests under applicable state laws.

13. Recording in Land Records. Grantor agrees to record this conservation easement and any amendments hereto in a timely fashion in the Official Records of Bay County, Florida. Grantor shall pay all recording costs and taxes necessary to record this conservation easement in the public records.

14. Successors. The covenants, terms, conditions and restrictions of this conservation easement shall be binding upon, and inure to the benefit of the parties hereto and their respective personal representatives, heirs, successors and assigns and shall continue as a servitude running in perpetuity with the Property.

15. Notices. All notices, consents, approvals or other communications hereunder shall be in writing and shall be deemed properly given if sent by United States certified mail, return receipt requested, addressed to the appropriate party or successor-in-interest.

16. Subsequent Deeds. Grantor shall insert the terms and restrictions of this conservation easement in any subsequent deed or other legal instrument by which Grantor divests itself of any interest in the Property. Grantor further agrees to give written notice to the DEPARTMENT of the transfer of any interest at least twenty days prior to the date of such transfer. The failure of Grantor to perform any act required by this paragraph shall not impair the validity of this conservation easement or limit its enforceability in any way.

17. Severability. If any provision of this conservation easement or the application thereof to any person or circumstances is found to be invalid, the remainder of the provisions of this conservation easement shall not be affected thereby, as long as the purpose of the conservation easement is preserved.

18. Alteration or Revocation. This conservation easement may be amended, altered, released or revoked only by permit modification as necessary and written agreement between the parties hereto or their heirs, assigns or successors-in-interest, which shall be filed in the public records in Bay County.

19. Controlling Law. The interpretation and performance of this conservation easement shall be governed by the laws of the State of Florida.

20. Baseline Documentation Report. The specific conservation values of the property are documented in the Baseline Documentation Report associated with this conservation easement. The Baseline Documentation Report consists of reports, maps, photographs, and other documentation that the parties agree provide, collectively, an accurate representation of the property at the time of this grant, and which is intended to serve as an objective information baseline for monitoring compliance with the terms of this grant. The Baseline Documentation Report is maintained in the offices of the Florida Department of Environmental Protection and is incorporated by this reference. A copy of the Baseline Documentation Report is available from the Department on request.

21. Rights of U.S. Army Corps of Engineers. When a corresponding permit is issued by the U.S. Army Corps of Engineers, the Corps shall have all the rights of the DEPARTMENT under this easement. The Corps shall be a party to a modification, alteration, release, or revocation of the conservation easement, and shall review and approve as necessary any additional structures or activities that require approval by the DEPARTMENT.

TO HAVE AND TO HOLD unto the DEPARTMENT forever. The covenants, terms, conditions, restrictions and purpose imposed with this conservation easement shall be binding upon Grantor, and shall continue as a servitude running in perpetuity with the Property.

Grantor hereby covenants with said DEPARTMENT that Grantor is lawfully seized of said Property in fee simple; that the Property is free and clear of all encumbrances that are inconsistent with the terms of this conservation easement and all mortgages have been joined or subordinated; that Grantor has good right and lawful authority to convey this conservation easement; and that it hereby fully warrants and defends the title to the conservation easement hereby conveyed against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has executed this Conservation Easement on the day and year first above written.

Signed, sealed and delivered in our presence as witnesses:

LAIRD POINT INVESTORS, LLC

By: _____
Kathleen McLean, Managing Member

Signature of Witness
Suzanne J Seltzer

Printed/Typed Name

Signature of Witness

Peggy S Owens
Printed/Typed Name

STATE OF Florida
COUNTY OF Okaloosa

The foregoing instrument was acknowledged before me this 11 day of March, 2010 by Kathleen McLean as Managing Member of LAIRD POINT INVESTORS, LLC. He/she is personally known to me or has produced _____ as identification.

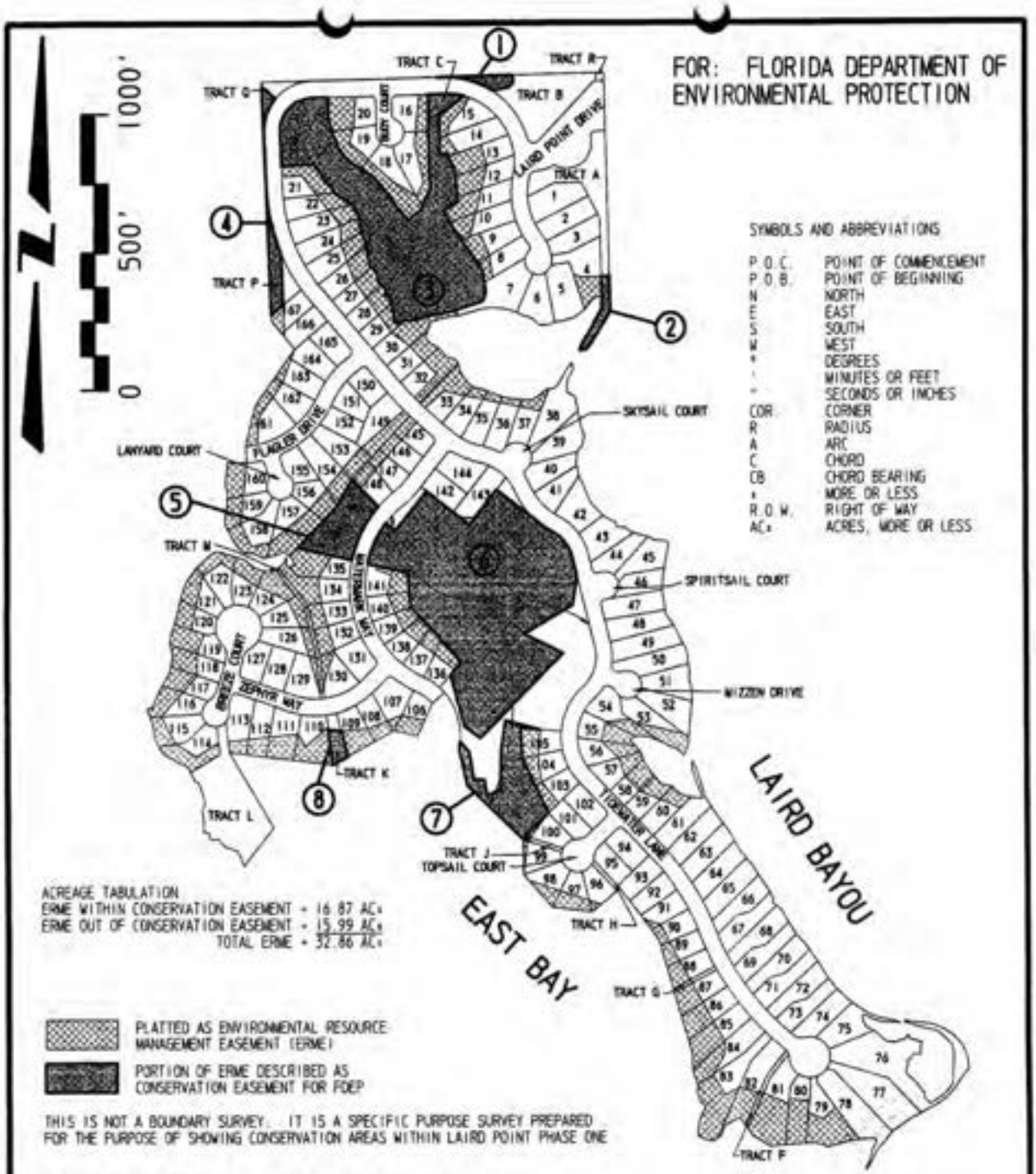
(SEAL)

PEGGY S. OWENS
Commission DD 719077
Expires December 26, 2011

Notary Public Signature

Peggy S Owens
Printed/Typed Name of Notary

Commission No. _____
Commission Expires _____



CONSERVATION AREA KEY MAP

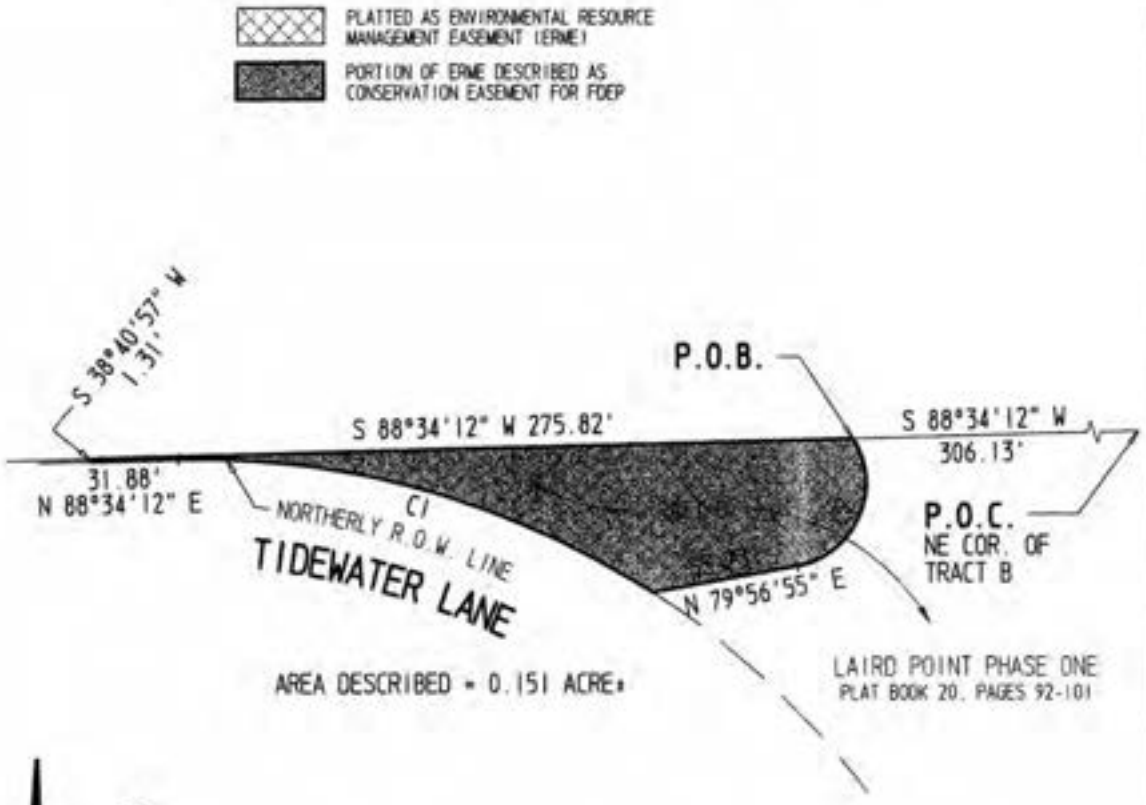
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 500'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 15 W — JOB NO. 9345.93
ELEVATION REFERENCE — SHEET NO. 1 OF 17

HP FILE: 9682-CONSERVE EXHIBIT CODE: COMP1



CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	305.00'	180.72'	178.09'	S 74°27'18" E
2	30.00'	58.64'	49.74'	N 23°57'03" E

CONSERVATION AREA 1

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 60'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9345.93
ELEVATION REFERENCE — SHEET NO 2 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONIP1

DESCRIPTION OF CONSERVATION AREA 1: COMMENCE AT THE NORTHEAST CORNER OF TRACT B, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 88 DEGREES 34 MINUTES 12 SECONDS WEST FOR 306.13 FEET TO THE POINT OF BEGINNING. THENCE CONTINUE SOUTH 88 DEGREES 34 MINUTES 12 SECONDS WEST FOR 275.82 FEET; THENCE SOUTH 38 DEGREES 40 MINUTES 57 SECONDS WEST FOR 1.31 FEET TO THE NORTHERLY RIGHT OF WAY LINE OF TIDEWATER LANE; THENCE NORTH 88 DEGREES 34 MINUTES 12 SECONDS EAST ALONG SAID RIGHT OF WAY LINE FOR 31.88 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST, HAVING A RADIUS OF 305.00 FEET; THENCE SOUTHEASTERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF180.72 FEET, THE CHORD OF SAID ARC BEARING SOUTH 74 DEGREES 27 MINUTES 18 SECONDS EAST FOR 178.09 FEET; THENCE NORTH 79 DEGREES 56 MINUTES 55 SECONDS EAST FOR 53.73 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHWEST HAVING A RADIUS OF 30.00 FEET; THENCE NORTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 58.64 FEET, THE CHORD OF SAID ARC BEARING NORTH 23 DEGREES 57 MINUTES 03 SECONDS EAST FOR 49.74 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN SAID TRACT B.

CONSERVATION AREA 1

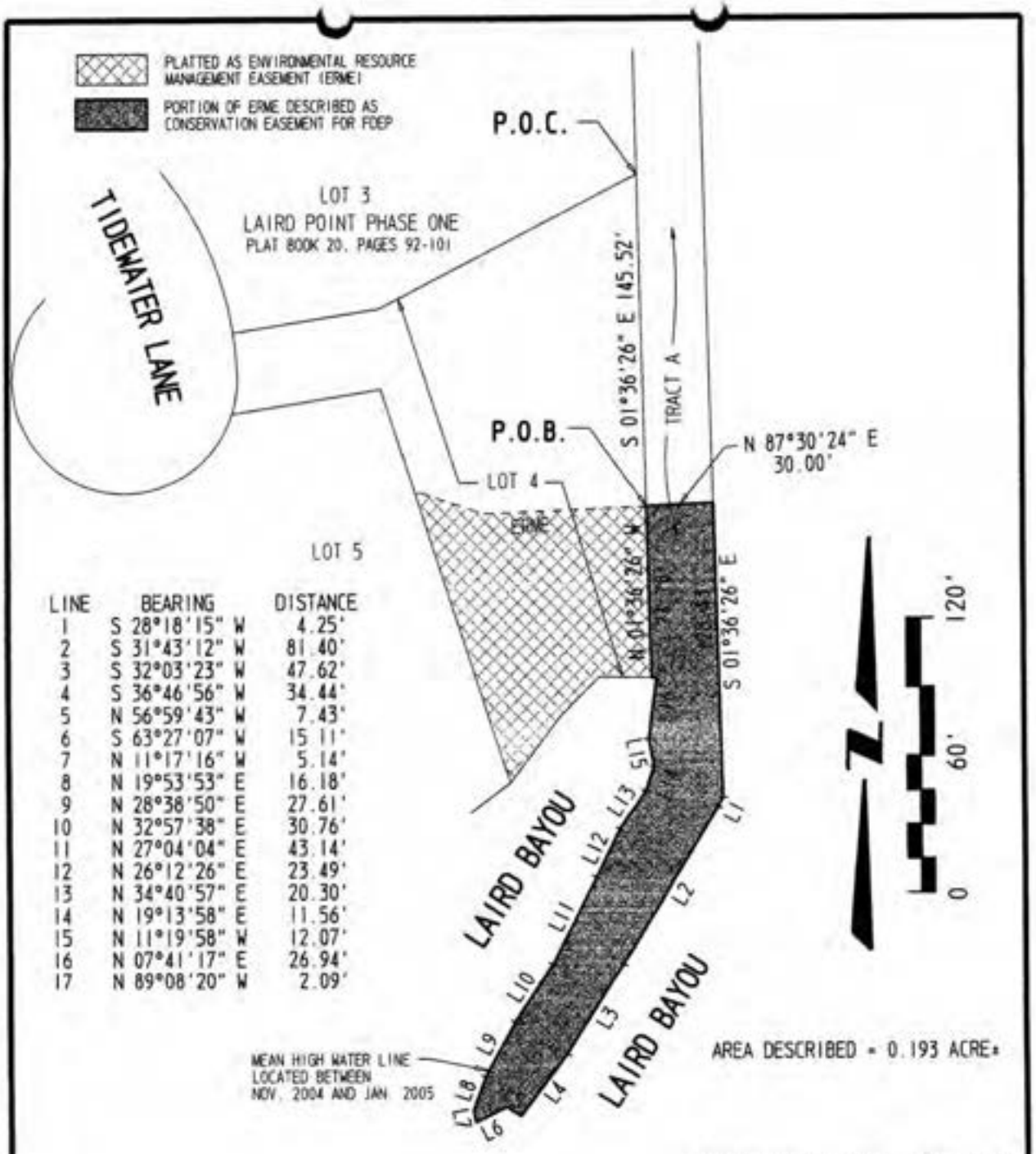
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE N/A
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9345.93
ELEVATION REFERENCE — SHEET NO. 3 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONSP1



LINE	BEARING	DISTANCE
1	S 28°18'15" W	4.25'
2	S 31°43'12" W	81.40'
3	S 32°03'23" W	47.62'
4	S 36°46'56" W	34.44'
5	N 56°59'43" W	7.43'
6	S 63°27'07" W	15.11'
7	N 11°17'16" W	5.14'
8	N 19°53'53" E	16.18'
9	N 28°38'50" E	27.61'
10	N 32°57'38" E	30.76'
11	N 27°04'04" E	43.14'
12	N 26°12'26" E	23.49'
13	N 34°40'57" E	20.30'
14	N 19°13'58" E	11.56'
15	N 11°19'58" W	12.07'
16	N 07°41'17" E	26.94'
17	N 89°08'20" W	2.09'

CONSERVATION AREA 2

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 60'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9345.93
ELEVATION REFERENCE — SHEET NO. 4 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LANDS 2008 CONSPI

DESCRIPTION OF CONSERVATION AREA 2: COMMENCE AT THE NORTHEAST CORNER OF LOT 4, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST FOR 145.52 FEET TO THE POINT OF BEGINNING. THENCE NORTH 87 DEGREES 30 MINUTES 24 SECONDS EAST FOR 30.00 FEET; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST FOR 128.43 FEET TO THE MEAN HIGH WATER LINE OF LAIRD BAYOU; THENCE SOUTHWESTERLY AND NORTHEASTERLY ALONG SAID MEAN HIGH WATER LINE AS FOLLOWS: SOUTH 28 DEGREES 18 MINUTES 15 SECONDS WEST FOR 4.25 FEET; SOUTH 31 DEGREES 43 MINUTES 12 SECONDS WEST FOR 81.40 FEET; SOUTH 32 DEGREES 03 MINUTES 23 SECONDS WEST FOR 47.62 FEET; SOUTH 36 DEGREES 46 MINUTES 56 SECONDS WEST FOR 34.44 FEET; NORTH 56 DEGREES 59 MINUTES 43 SECONDS WEST FOR 7.43 FEET; SOUTH 63 DEGREES 27 MINUTES 07 SECONDS WEST FOR 15.11 FEET; NORTH 11 DEGREES 17 MINUTES 16 SECONDS WEST FOR 5.14 FEET; NORTH 19 DEGREES 53 MINUTES 53 SECONDS EAST FOR 16.18 FEET; NORTH 28 DEGREES 38 MINUTES 50 SECONDS EAST FOR 27.61 FEET; NORTH 32 DEGREES 57 MINUTES 38 SECONDS EAST FOR 30.76 FEET; NORTH 27 DEGREES 04 MINUTES 04 SECONDS EAST FOR 43.14 FEET; NORTH 26 DEGREES 12 MINUTES 26 SECONDS EAST FOR 23.49 FEET; NORTH 34 DEGREES 40 MINUTES 57 SECONDS EAST FOR 20.30 FEET; NORTH 19 DEGREES 13 MINUTES 58 SECONDS EAST FOR 11.56 FEET; NORTH 11 DEGREES 19 MINUTES 58 SECONDS WEST FOR 12.07 FEET; NORTH 07 DEGREES 41 MINUTES 17 SECONDS EAST FOR 26.94 FEET; NORTH 89 DEGREES 08 MINUTES 20 SECONDS WEST FOR 2.09 FEET TO A LINE BEARING SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST FROM THE POINT OF BEGINNING; THENCE NORTH 01 DEGREE 36 MINUTES 26 SECONDS WEST ALONG SAID LINE FOR 74.78 FEET TO THE POINT OF BEGINNING. LYING AND BEING SITUATE IN TRACT A, SAID LAIRD POINT PHASE ONE.

CONSERVATION AREA 2

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF: SPECIFIC PURPOSE SURVEY — SCALE: N/A
SURVEYED: NO — DRAWN: 4-16-10 — IMPROVEMENTS: VACANT
SOURCE OF INFORMATION: NEW PARCELS — P.B. — PG.
BEARING REFERENCE: N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO: 9345.93
ELEVATION REFERENCE — SHEET NO: 5 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9482-CONSERVE LAYER CODE: CONSPT

LINE	BEARING	DISTANCE
1	S 01°25'48" E	84.65'
2	S 01°11'29" W	43.29'
3	S 01°01'14" E	125.71'
4	S 03°39'52" E	81.20'
5	S 26°39'10" W	57.63'
6	S 20°52'20" W	27.68'
7	S 52°29'17" W	56.19'
8	S 64°05'41" W	6.01'
9	N 38°49'58" W	74.92'
10	N 35°43'55" W	60.80'
11	N 41°33'21" W	66.54'
12	N 57°25'18" W	88.41'
13	N 51°39'28" W	31.50'
14	N 38°43'43" W	43.63'
15	N 22°55'37" W	66.05'
16	N 12°08'08" W	52.02'
17	N 01°25'48" W	69.28'
18	S 88°34'12" W	60.51'
19	S 02°25'41" E	119.28'
20	N 87°34'19" E	118.67'
21	S 29°15'34" E	9.69'
22	S 37°35'11" E	126.13'
23	S 57°40'52" E	67.08'
24	S 32°09'19" E	56.16'
25	S 03°29'00" E	40.02'
26	S 20°20'25" E	53.44'
27	S 10°37'44" E	54.14'
28	S 08°49'50" E	34.86'
29	S 53°13'43" E	35.19'
30	S 00°42'26" E	29.74'
31	S 43°12'27" E	49.15'
32	S 20°52'50" W	20.43'
33	N 88°40'09" E	16.45'
34	S 18°36'43" E	41.74'
35	S 08°37'58" E	50.44'
36	S 31°43'27" E	13.63'
37	N 69°56'04" E	11.81'
38	N 76°02'48" E	20.77'
39	S 85°19'11" E	22.17'
40	N 74°10'29" E	58.45'
41	N 78°53'20" E	94.97'
42	N 71°07'06" E	119.98'
43	N 19°37'43" E	31.38'
44	N 08°50'41" W	84.18'
45	N 35°38'14" W	70.50'
46	N 35°20'42" W	103.11'
47	N 30°02'32" W	84.24'
48	N 59°43'04" E	61.42'
49	N 05°00'51" W	106.67'
50	N 22°28'08" W	72.30'
51	N 84°23'20" W	32.76'
52	N 01°59'49" E	48.86'
53	N 00°27'33" E	88.63'
54	N 54°01'53" E	111.92'
55	S 88°34'12" W	64.57'

CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	118.02'	187.44'	168.35'	S 43°04'15" W
2	245.00'	67.14'	66.93'	N 83°34'46" W

CONSERVATION AREA 3

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4928, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 200'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9345.93
ELEVATION REFERENCE — SHEET NO. 6 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONSPI-

DESCRIPTION OF CONSERVATION AREA 3: TRACTS C, D AND E, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE NORTHWEST CORNER OF TRACT C, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 01 DEGREE 25 MINUTES 48 SECONDS EAST FOR 84.65 FEET; THENCE SOUTH 01 DEGREE 11 MINUTES 29 SECONDS WEST FOR 43.29 FEET; THENCE SOUTH 01 DEGREE 01 MINUTE 14 SECONDS EAST FOR 125.71 FEET; THENCE SOUTH 03 DEGREES 39 MINUTES 52 SECONDS EAST FOR 81.20 FEET; THENCE SOUTH 26 DEGREES 39 MINUTES 10 SECONDS WEST FOR 57.63 FEET; THENCE SOUTH 20 DEGREES 52 MINUTES 20 SECONDS WEST FOR 27.68 FEET; THENCE SOUTH 52 DEGREES 29 MINUTES 17 SECONDS WEST FOR 56.19 FEET; THENCE SOUTH 64 DEGREES 05 MINUTES 41 SECONDS WEST FOR 6.01 FEET; THENCE NORTH 38 DEGREES 49 MINUTES 58 SECONDS WEST FOR 74.92 FEET; THENCE NORTH 35 DEGREES 43 MINUTES 55 SECONDS WEST FOR 60.80 FEET; THENCE NORTH 41 DEGREES 33 MINUTES 21 SECONDS WEST FOR 66.54 FEET; THENCE NORTH 57 DEGREES 25 MINUTES 18 SECONDS WEST FOR 88.41 FEET; THENCE NORTH 51 DEGREES 39 MINUTES 28 SECONDS WEST FOR 31.50 FEET; THENCE NORTH 38 DEGREES 43 MINUTES 43 SECONDS WEST FOR 43.63 FEET; THENCE NORTH 22 DEGREES 55 MINUTES 37 SECONDS WEST FOR 66.05 FEET; THENCE NORTH 12 DEGREES 08 MINUTES 08 SECONDS WEST FOR 52.02 FEET; THENCE NORTH 01 DEGREE 25 MINUTES 48 SECONDS WEST FOR 69.28 FEET TO THE SOUTHERLY RIGHT OF WAY LINE OF TIDEWATER LANE; THENCE SOUTH 88 DEGREES 34 MINUTES 12 SECONDS WEST ALONG SAID RIGHT OF WAY LINE FOR 60.51 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 118.02 FEET; THENCE SOUTHWESTERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF 187.44 FEET, THE CHORD OF SAID ARC BEARING SOUTH 43 DEGREES 04 MINUTES 15 SECONDS WEST FOR 168.35 FEET; THENCE SOUTH 02 DEGREES 25 MINUTES 41 SECONDS EAST ALONG SAID RIGHT OF WAY LINE FOR 119.28 FEET; THENCE NORTH 87 DEGREES 34 MINUTES 19 SECONDS EAST FOR 118.67 FEET; THENCE SOUTH 29 DEGREES 15 MINUTES 34 SECONDS EAST FOR 9.69 FEET; THENCE SOUTH 37 DEGREES 35 MINUTES 11 SECONDS EAST FOR 126.13 FEET; THENCE SOUTH 57 DEGREES 40 MINUTES 52 SECONDS EAST FOR 67.08 FEET; THENCE SOUTH 32 DEGREES 09 MINUTES 19 SECONDS EAST FOR 56.16 FEET; THENCE SOUTH 03 DEGREES 29 MINUTES 00 SECONDS EAST FOR 40.02 FEET; THENCE SOUTH 20 DEGREES 20 MINUTES 25 SECONDS EAST FOR 53.44 FEET; THENCE SOUTH 10 DEGREES 37 MINUTES 44 SECONDS EAST FOR 54.14 FEET; THENCE SOUTH 08 DEGREES 49 MINUTES 50 SECONDS EAST FOR 34.86 FEET; THENCE SOUTH 53

CONSERVATION AREA 3

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE N/A
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9345.93
ELEVATION REFERENCE — SHEET NO. 7 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONSPI-

DEGREES 13 MINUTES 43 SECONDS EAST FOR 35.19 FEET; THENCE SOUTH 00 DEGREES 42 MINUTES 26 SECONDS EAST FOR 29.74 FEET; THENCE SOUTH 43 DEGREES 12 MINUTES 27 SECONDS EAST FOR 49.15 FEET; THENCE SOUTH 20 DEGREES 52 MINUTES 50 SECONDS WEST FOR 20.43 FEET; THENCE NORTH 88 DEGREES 40 MINUTES 09 SECONDS EAST FOR 16.45 FEET; THENCE SOUTH 18 DEGREES 36 MINUTES 43 SECONDS EAST FOR 41.74 FEET; THENCE SOUTH 08 DEGREES 37 MINUTES 58 SECONDS EAST FOR 50.44 FEET; THENCE SOUTH 31 DEGREES 43 MINUTES 27 SECONDS EAST FOR 13.63 FEET; THENCE NORTH 69 DEGREES 56 MINUTES 04 SECONDS EAST FOR 11.81 FEET; THENCE NORTH 76 DEGREES 02 MINUTES 48 SECONDS EAST FOR 20.77 FEET; THENCE SOUTH 85 DEGREES 19 MINUTES 11 SECONDS EAST FOR 22.17 FEET; THENCE NORTH 74 DEGREES 10 MINUTES 29 SECONDS EAST FOR 58.45 FEET; THENCE NORTH 78 DEGREES 53 MINUTES 20 SECONDS EAST FOR 94.97 FEET; THENCE NORTH 71 DEGREES 07 MINUTES 06 SECONDS EAST FOR 119.98 FEET; THENCE NORTH 19 DEGREES 37 MINUTES 43 SECONDS EAST FOR 31.38 FEET; THENCE NORTH 08 DEGREES 50 MINUTES 41 SECONDS WEST FOR 84.18 FEET; THENCE NORTH 35 DEGREES 38 MINUTES 14 SECONDS WEST FOR 70.50 FEET; THENCE NORTH 35 DEGREES 20 MINUTES 42 SECONDS WEST FOR 103.11 FEET; THENCE NORTH 30 DEGREES 02 MINUTES 32 SECONDS WEST FOR 84.24 FEET; THENCE NORTH 59 DEGREES 43 MINUTES 04 SECONDS EAST FOR 61.42 FEET; THENCE NORTH 05 DEGREES 00 MINUTES 51 SECONDS WEST FOR 106.67 FEET; THENCE NORTH 22 DEGREES 28 MINUTES 08 SECONDS WEST FOR 72.30 FEET; THENCE NORTH 84 DEGREES 23 MINUTES 20 SECONDS WEST FOR 32.76 FEET; THENCE NORTH 01 DEGREE 59 MINUTES 49 SECONDS EAST FOR 48.86 FEET; THENCE NORTH 00 DEGREES 27 MINUTES 33 SECONDS EAST FOR 88.63 FEET; THENCE NORTH 54 DEGREES 01 MINUTE 53 SECONDS EAST FOR 111.92 FEET TO SAID SOUTHERLY RIGHT OF WAY LINE OF TIDEWATER LANE AND THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE SOUTH, HAVING A RADIUS OF 245.00 FEET; THENCE WESTERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF 67.14 FEET, THE CHORD OF SAID ARC BEARING NORTH 83 DEGREES 34 MINUTES 46 SECONDS WEST FOR 66.93 FEET; THENCE SOUTH 88 DEGREES 34 MINUTES 12 SECONDS WEST ALONG SAID RIGHT OF WAY LINE FOR 64.57 FEET TO THE POINT OF BEGINNING.

CONSERVATION AREA 3

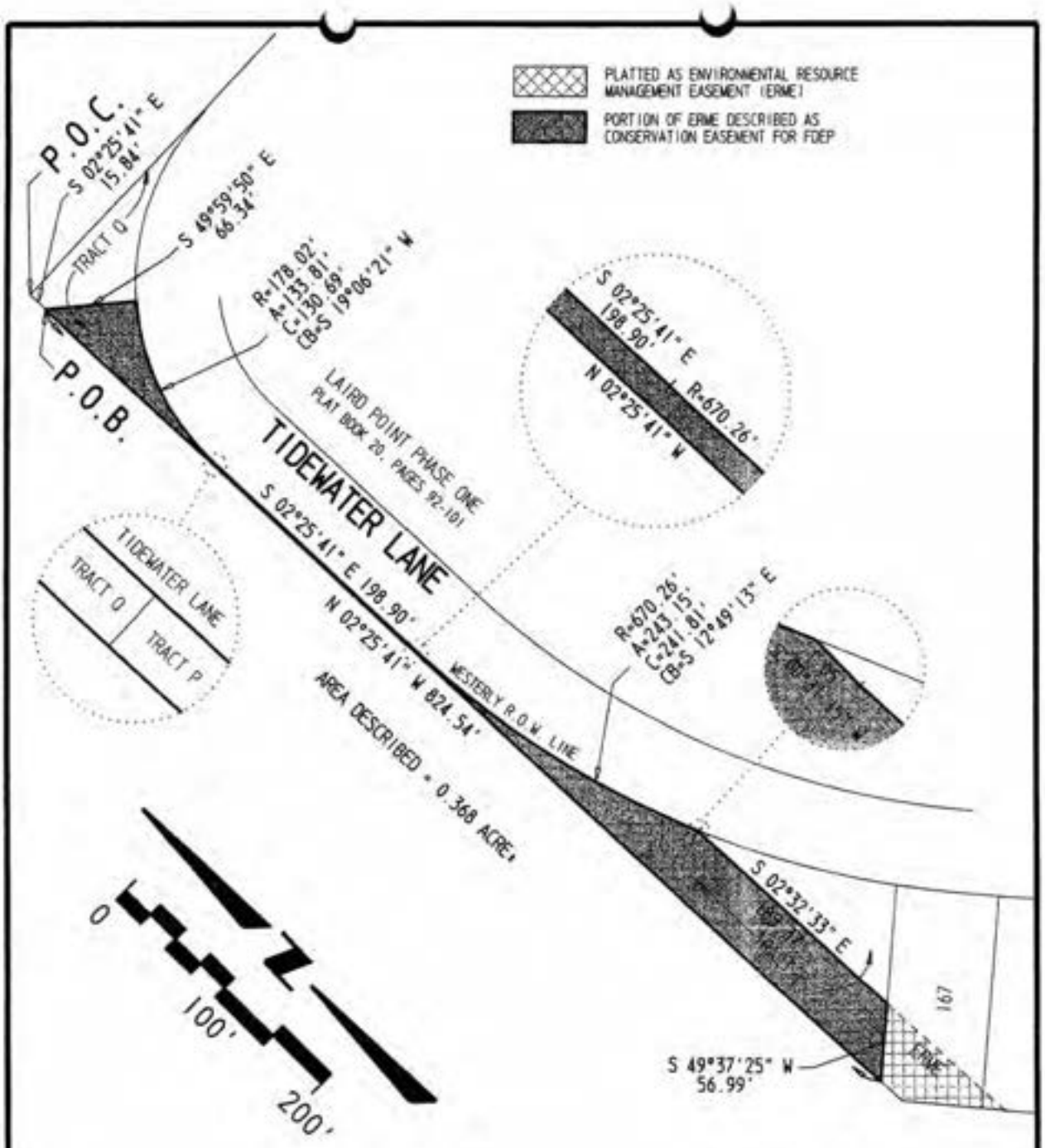
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 6958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE N/A
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9345.93
ELEVATION REFERENCE — SHEET NO 8 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONSPI-



CONSERVATION AREA 4

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4758, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 100'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9345.93
ELEVATION REFERENCE — SHEET NO 9 OF 17

W. TODD TINDELL

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE - LAYER CODE: CONSP1

DESCRIPTION OF CONSERVATION AREA 4: COMMENCE AT THE NORTHWEST CORNER OF TRACT Q, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 02 DEGREES 25 MINUTES 41 SECONDS EAST FOR 15.84 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 49 DEGREES 59 MINUTES 50 SECONDS EAST FOR 66.34 FEET TO THE WESTERLY RIGHT OF WAY LINE OF TIDEWATER LANE AND THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 178.02 FEET; THENCE SOUTHERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF 133.81 FEET, THE CHORD OF SAID ARC BEARING SOUTH 19 DEGREES 06 MINUTES 21 SECONDS WEST FOR 130.69 FEET; THENCE SOUTH 02 DEGREES 25 MINUTES 41 SECONDS EAST ALONG SAID RIGHT OF WAY LINE FOR 198.90 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 670.26 FEET; THENCE SOUTHEASTERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF 243.15 FEET, THE CHORD OF SAID ARC BEARING SOUTH 12 DEGREES 49 MINUTES 13 SECONDS EAST FOR 241.81 FEET; THENCE SOUTH 00 DEGREES 31 MINUTES 15 SECONDS WEST FOR 1.05 FEET; THENCE SOUTH 02 DEGREES 32 MINUTES 33 SECONDS EAST FOR 185.37 FEET; THENCE SOUTH 49 DEGREES 37 MINUTES 25 SECONDS WEST FOR 56.99 FEET; THENCE NORTH 02 DEGREES 25 MINUTES 41 SECONDS WEST FOR 824.54 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN TRACTS P AND Q, SAID LAIRD POINT PHASE ONE.

CONSERVATION AREA 4

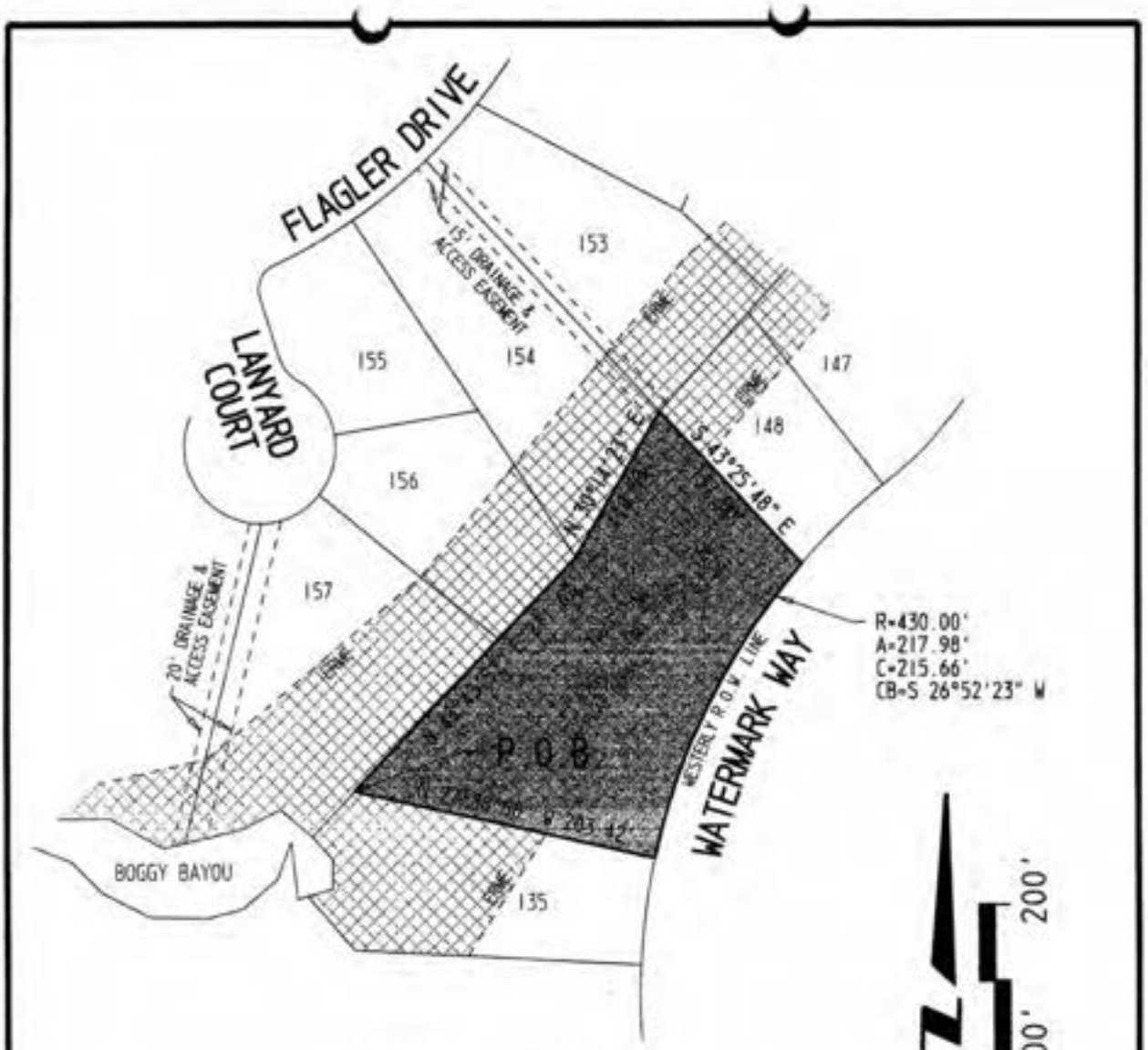
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE N/A
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9345.93
ELEVATION REFERENCE — SHEET NO. 10 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE: CONAP1



CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 100'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9545.93
ELEVATION REFERENCE — SHEET NO. 11 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSCRVE LAYER CODE: CONSP1

DESCRIPTION OF CONSERVATION AREA 5: TRACT N, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE SOUTHWEST CORNER OF TRACT N, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTH 43 DEGREES 43 MINUTES 52 SECONDS EAST FOR 211.62 FEET; THENCE NORTH 30 DEGREES 14 MINUTES 23 SECONDS EAST FOR 110.53 FEET; THENCE SOUTH 43 DEGREES 25 MINUTES 48 SECONDS EAST FOR 137.08 FEET TO THE WESTERLY RIGHT OF WAY LINE OF WATERMARK WAY AND THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 430.00 FEET; THENCE SOUTHWESTERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF 217.98 FEET, THE CHORD OF SAID ARC BEARING SOUTH 26 DEGREES 52 MINUTES 23 SECONDS WEST FOR 215.66 FEET; THENCE NORTH 77 DEGREES 38 MINUTES 58 SECONDS WEST FOR 203.42 FEET TO THE POINT OF BEGINNING.

CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 785-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

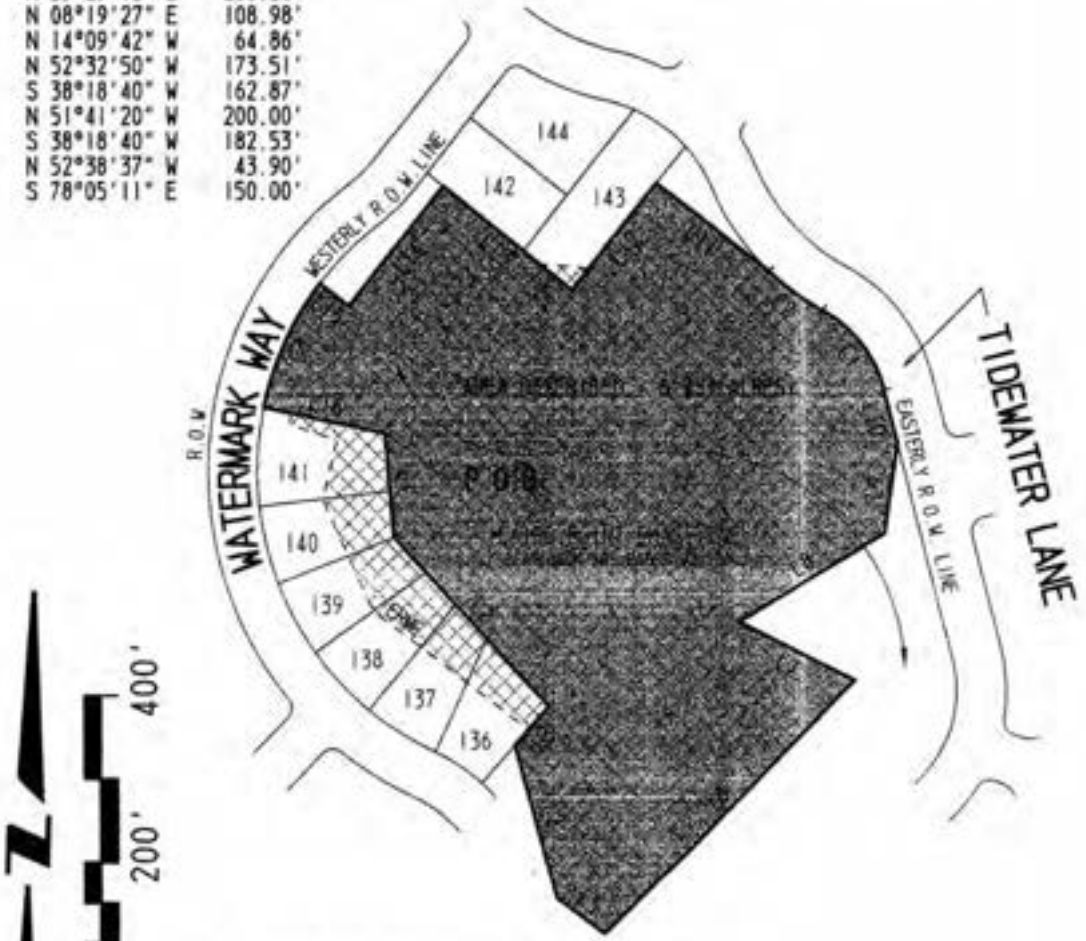
PLAT OF SPECIFIC PURPOSE SURVEY — SCALE N/A
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9545.93
ELEVATION REFERENCE — SHEET NO. 12 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONSP1

LINE	BEARING	DISTANCE
1	S 04°37'43" E	125.28'
2	S 43°04'49" E	275.15'
3	S 41°55'24" W	62.98'
4	S 15°33'39" E	190.71'
5	S 52°49'26" E	71.64'
6	N 44°52'31" E	430.98'
7	N 63°36'05" W	157.40'
8	N 59°29'13" E	206.50'
9	N 08°19'27" E	108.98'
10	N 14°09'42" W	64.86'
11	N 52°32'50" W	173.51'
12	S 38°18'40" W	162.87'
13	N 51°41'20" W	200.00'
14	S 38°18'40" W	182.53'
15	N 52°38'37" W	43.90'
16	S 78°05'11" E	150.00'

CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	150.00'	124.71'	121.15'	N 37°58'46" W
2	310.00'	81.16'	80.92'	N 54°17'51" W
3	370.00'	164.30'	162.96'	S 24°38'06" W



PLATTED AS ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT (ERME)

PORTION OF ERME DESCRIBED AS CONSERVATION EASEMENT FOR FDEP

CONSERVATION AREA 6

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7477
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 200'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. — PA.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9545.93
ELEVATION REFERENCE — SHEET NO. 13 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONSPI-

DESCRIPTION OF CONSERVATION AREA 6: BEGIN AT THE NORTHEAST CORNER OF LOT 141, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 04 DEGREES 37 MINUTES 43 SECONDS EAST FOR 125.28 FEET; THENCE SOUTH 43 DEGREES 04 MINUTES 49 SECONDS EAST FOR 275.15 FEET; THENCE SOUTH 41 DEGREES 55 MINUTES 24 SECONDS WEST FOR 62.98 FEET; THENCE SOUTH 15 DEGREES 33 MINUTES 39 SECONDS EAST FOR 190.71 FEET; THENCE SOUTH 52 DEGREES 49 MINUTES 26 SECONDS EAST FOR 71.64 FEET; THENCE NORTH 44 DEGREES 52 MINUTES 31 SECONDS EAST FOR 430.98 FEET; THENCE NORTH 63 DEGREES 36 MINUTES 05 SECONDS WEST FOR 157.40 FEET; THENCE NORTH 59 DEGREES 29 MINUTES 13 SECONDS EAST FOR 206.50 FEET; THENCE NORTH 08 DEGREES 19 MINUTES 27 SECONDS EAST FOR 108.98 FEET TO THE WESTERLY RIGHT OF WAY LINE OF TIDEWATER LANE; THENCE NORTH 14 DEGREES 09 MINUTES 42 SECONDS WEST ALONG SAID RIGHT OF WAY LINE FOR 64.86 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 150.00 FEET; THENCE NORTHWESTERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF 124.71 FEET, THE CHORD OF SAID ARC BEARING NORTH 37 DEGREES 58 MINUTES 46 SECONDS WEST FOR 121.15 FEET TO THE BEGINNING OF A REVERSE CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 310.00 FEET; THENCE NORTHWESTERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF 81.16 FEET, THE CHORD OF SAID ARC BEARING NORTH 54 DEGREES 17 MINUTES 51 SECONDS WEST FOR 80.92 FEET; THENCE NORTH 52 DEGREES 32 MINUTES 50 SECONDS WEST FOR 173.51 FEET; THENCE SOUTH 38 DEGREES 18 MINUTES 40 SECONDS WEST FOR 162.87 FEET; THENCE NORTH 51 DEGREES 41 MINUTES 20 SECONDS WEST FOR 200.00 FEET; THENCE SOUTH 38 DEGREES 18 MINUTES 40 SECONDS WEST FOR 182.53 FEET; THENCE NORTH 52 DEGREES 38 MINUTES 37 SECONDS WEST FOR 43.90 FEET TO THE EASTERLY RIGHT OF WAY LINE OF WATERMARK WAY AND THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE SOUTHEAST HAVING A RADIUS OF 370.00 FEET; THENCE SOUTHWESTERLY ALONG SAID CURVING RIGHT OF WAY LINE FOR AN ARC DISTANCE OF 164.30 FEET, THE CHORD OF SAID ARC BEARING SOUTH 24 DEGREES 38 MINUTES 06 SECONDS WEST FOR 162.96 FEET; THENCE SOUTH 78 DEGREES 05 MINUTES 11 SECONDS EAST FOR 150.00 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN TRACT J, SAID LAIRD POINT PHASE ONE.

CONSERVATION AREA 6

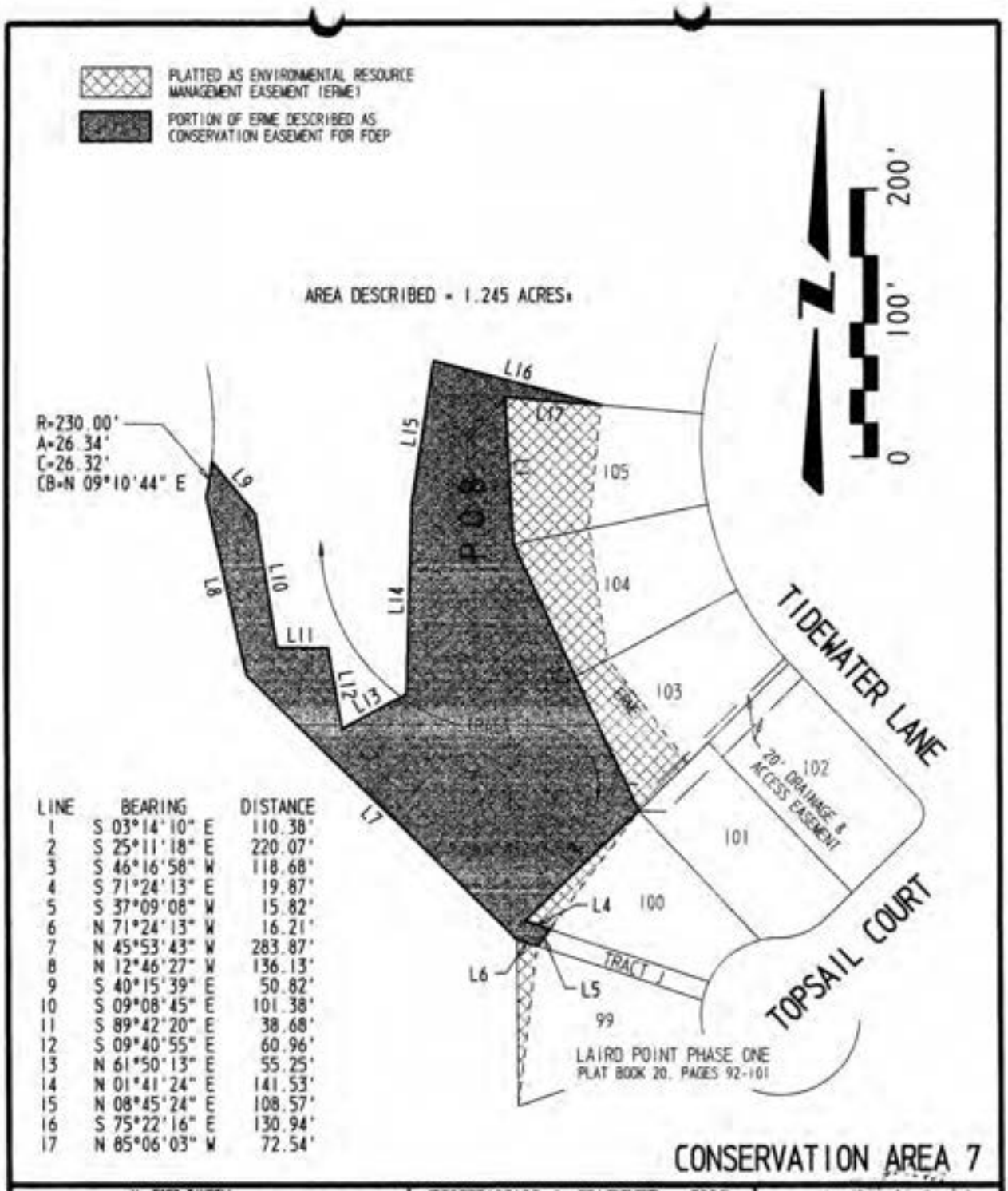
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE N/A
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9545.93
ELEVATION REFERENCE — SHEET NO. 14 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE - LAYER CODE: CONAP1-



LINE	BEARING	DISTANCE
1	S 03°14'10" E	110.38'
2	S 25°11'18" E	220.07'
3	S 46°16'58" W	118.68'
4	S 71°24'13" E	19.87'
5	S 37°09'08" W	15.82'
6	N 71°24'13" W	16.21'
7	N 45°53'43" W	283.87'
8	N 12°46'27" W	136.13'
9	S 40°15'39" E	50.82'
10	S 09°08'45" E	101.38'
11	S 89°42'20" E	38.68'
12	S 09°40'55" E	60.96'
13	N 61°50'13" E	55.25'
14	N 01°41'24" E	141.53'
15	N 08°45'24" E	108.57'
16	S 75°22'16" E	130.94'
17	N 85°06'03" W	72.54'

CONSERVATION AREA 7

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2572

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 100'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9345.93
ELEVATION REFERENCE — SHEET NO. 15 OF 17

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9482-CONSERVE LAYER CODE: CONTPI

DESCRIPTION OF CONSERVATION AREA 7: BEGIN AT THE NORTHWEST CORNER OF LOT 105, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 03 DEGREES 14 MINUTES 10 SECONDS EAST FOR 110.38 FEET; THENCE SOUTH 25 DEGREES 11 MINUTES 18 SECONDS EAST FOR 220.07 FEET; THENCE SOUTH 46 DEGREES 16 MINUTES 58 SECONDS WEST FOR 118.68 FEET; THENCE SOUTH 71 DEGREES 24 MINUTES 13 SECONDS EAST FOR 19.87 FEET; THENCE SOUTH 37 DEGREES 09 MINUTES 08 SECONDS WEST FOR 15.82 FEET; THENCE NORTH 71 DEGREES 24 MINUTES 13 SECONDS WEST FOR 16.21 FEET; THENCE NORTH 45 DEGREES 53 MINUTES 43 SECONDS WEST FOR 283.87 FEET; THENCE NORTH 12 DEGREES 46 MINUTES 27 SECONDS WEST FOR 136.13 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 230.00 FEET; THENCE NORTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 26.34 FEET, THE CHORD OF SAID ARC BEARING NORTH 09 DEGREES 10 MINUTES 44 SECONDS EAST FOR 26.32 FEET; THENCE SOUTH 40 DEGREES 15 MINUTES 39 SECONDS EAST FOR 50.82 FEET; THENCE SOUTH 09 DEGREES 08 MINUTES 45 SECONDS EAST FOR 101.38 FEET; THENCE SOUTH 89 DEGREES 42 MINUTES 20 SECONDS EAST FOR 38.68 FEET; THENCE SOUTH 09 DEGREES 40 MINUTES 55 SECONDS EAST FOR 60.96 FEET; THENCE NORTH 61 DEGREES 50 MINUTES 13 SECONDS EAST FOR 55.25 FEET; THENCE NORTH 01 DEGREE 41 MINUTES 24 SECONDS EAST FOR 141.53 FEET; THENCE NORTH 08 DEGREES 45 MINUTES 24 SECONDS EAST FOR 108.57 FEET; THENCE SOUTH 75 DEGREES 22 MINUTES 16 SECONDS EAST FOR 130.94 FEET, THENCE NORTH 85 DEGREES 06 MINUTES 03 SECONDS WEST FOR 72.54 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN TRACT J, SAID LAIRD POINT PHASE ONE.

CONSERVATION AREA 7

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 7372

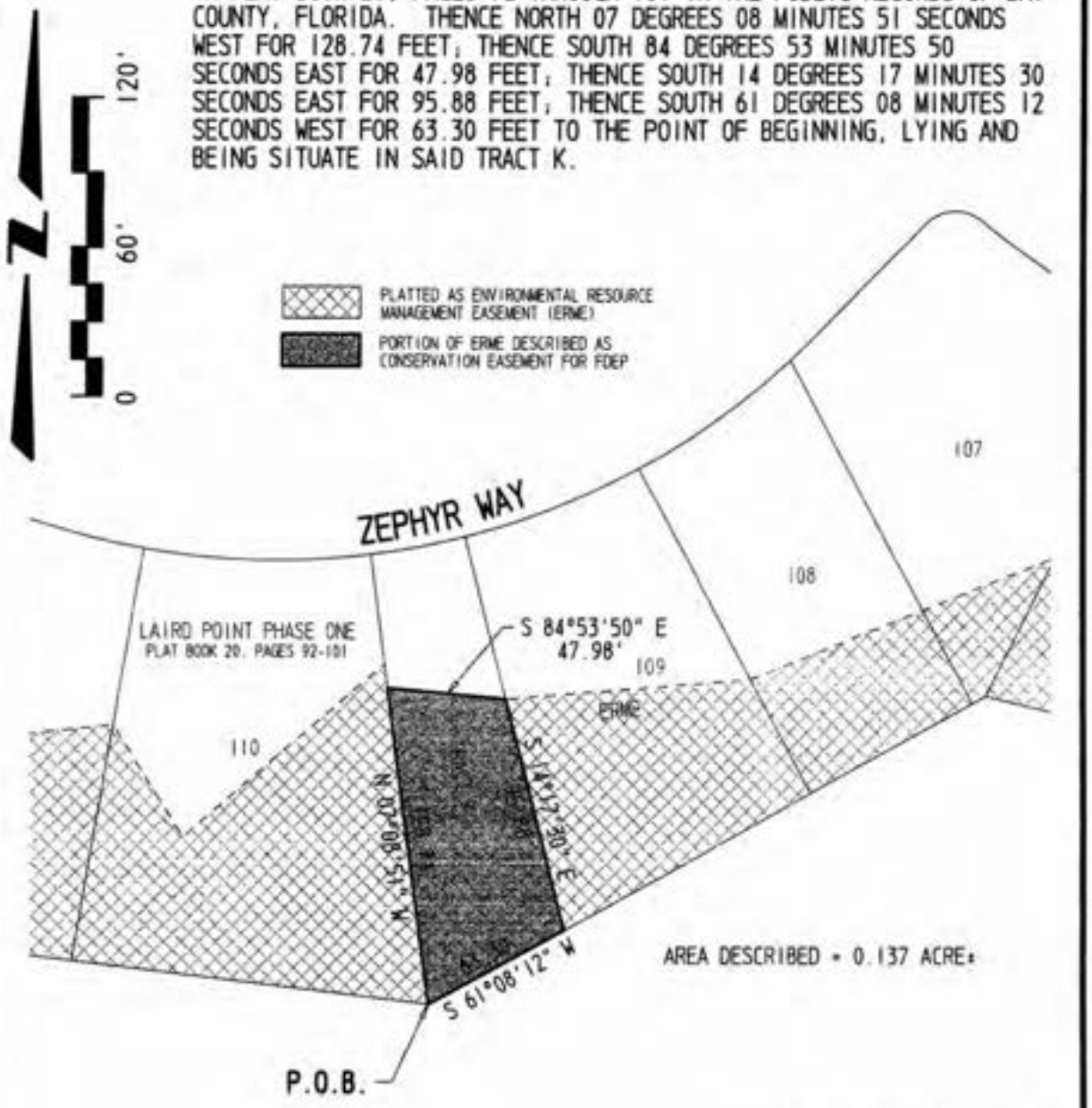
PLAT OF SPECIFIC PURPOSE SURVEY — SCALE N/A
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9345.93
ELEVATION REFERENCE — SHEET NO. 16 OF 17

W. TODD TINDELL — FLORIDA LICENSED SURVEYOR — NO. 4958

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE_LAND CODE_CONTPI

DESCRIPTION OF CONSERVATION AREA 8: BEGIN AT THE SOUTHWEST CORNER OF TRACT K, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTH 07 DEGREES 08 MINUTES 51 SECONDS WEST FOR 128.74 FEET; THENCE SOUTH 84 DEGREES 53 MINUTES 50 SECONDS EAST FOR 47.98 FEET; THENCE SOUTH 14 DEGREES 17 MINUTES 30 SECONDS EAST FOR 95.88 FEET; THENCE SOUTH 61 DEGREES 08 MINUTES 12 SECONDS WEST FOR 63.30 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN SAID TRACT K.



CONSERVATION AREA 8

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4959, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

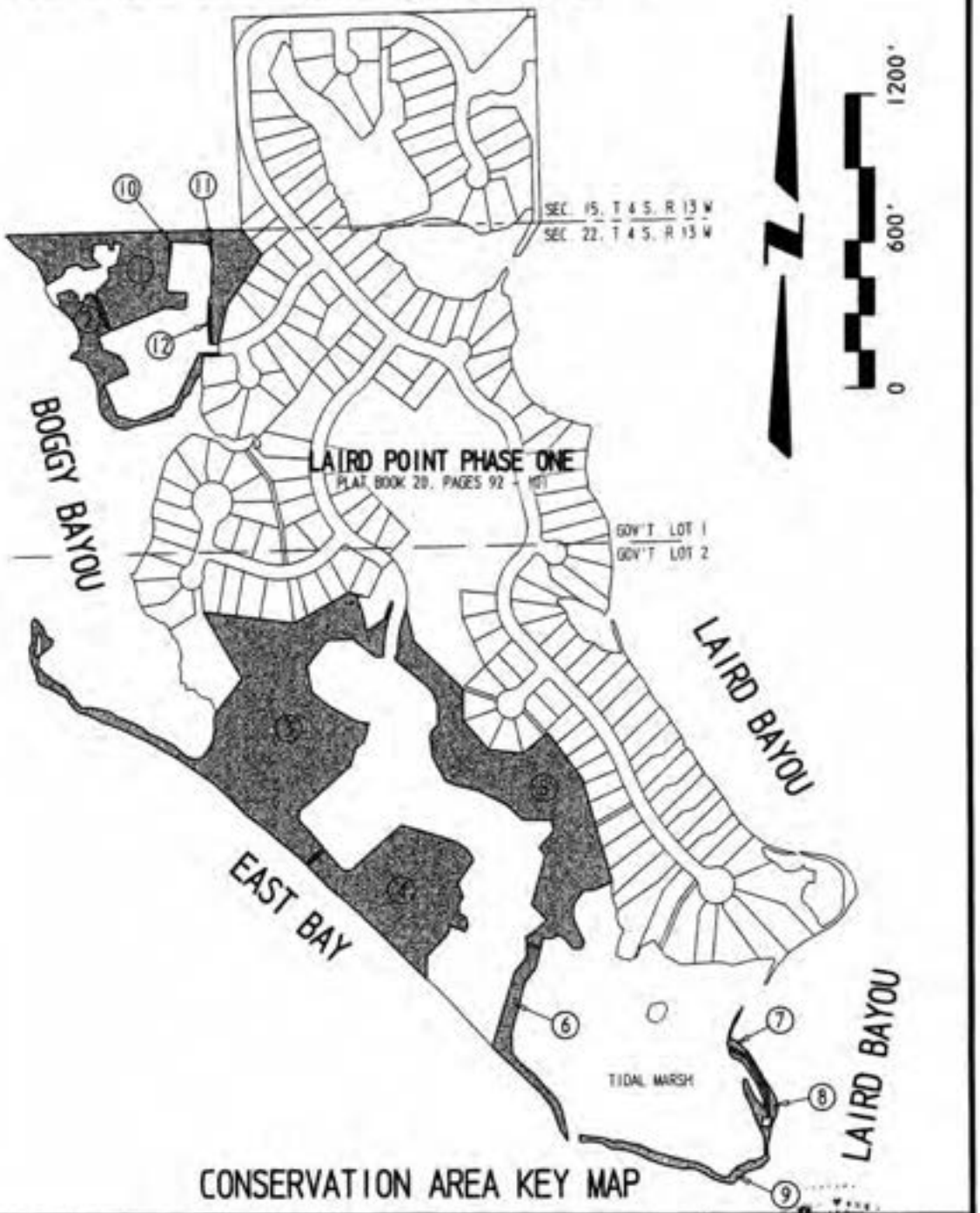
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SPECIFIC PURPOSE SURVEY — SCALE 1" = 60'
SURVEYED NO — DRAWN 4-16-10 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. — PG.
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9545.93
ELEVATION REFERENCE — SHEET NO 17 OF 17

W. TODD TINDELL — NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONSP1

FOR: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



CONSERVATION AREA KEY MAP

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY SCALE 1" = 600'
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO. 9682
ELEVATION REFERENCE SHEET NO. 1 OF 32

W. TODD TINDELL
4958
STATE OF FLORIDA

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONS-

SYMBOLS AND ABBREVIATIONS

P.O.C.	POINT OF COMMENCEMENT
P.O.B.	POINT OF BEGINNING
N	NORTH
E	EAST
S	SOUTH
W	WEST
SEC.	SECTION
T	TOWNSHIP OR TANGENT
R	RANGE
°	DEGREES
'	MINUTES OR FEET
"	SECONDS OR INCHES
FD.	FOUND
LB	LAND SURVEYOR BUSINESS
NO.	NUMBER
CONC.	CONCRETE
MON.	MONUMENT
R.O.W.	RIGHT OF WAY
R	RADIUS
A	ARC
C	CHORD
CB	CHORD BEARING
±	MORE OR LESS
GOV'T.	GOVERNMENT
●	SET 5/8" IRON ROD LB NO. 2372
■	SET 4" X 4" CONC. MON. LB NO. 2372
⊙	SET NAIL & DISK LB NO. 2372

THE UNDERSIGNED SURVEYOR HAS NOT BEEN PROVIDED A CURRENT TITLE OPINION OR ABSTRACT OF MATTERS AFFECTING TITLE OR BOUNDARY TO THE SUBJECT PROPERTY. IT IS POSSIBLE THERE ARE RECORDED DEEDS, UNRECORDED DEEDS, EASEMENTS, RESTRICTIONS, SETBACKS OR OTHER INSTRUMENTS AND GOVERNMENT REGULATIONS WHICH COULD AFFECT THE BOUNDARIES AND/OR USE OF THE PROPERTY.

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4758, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

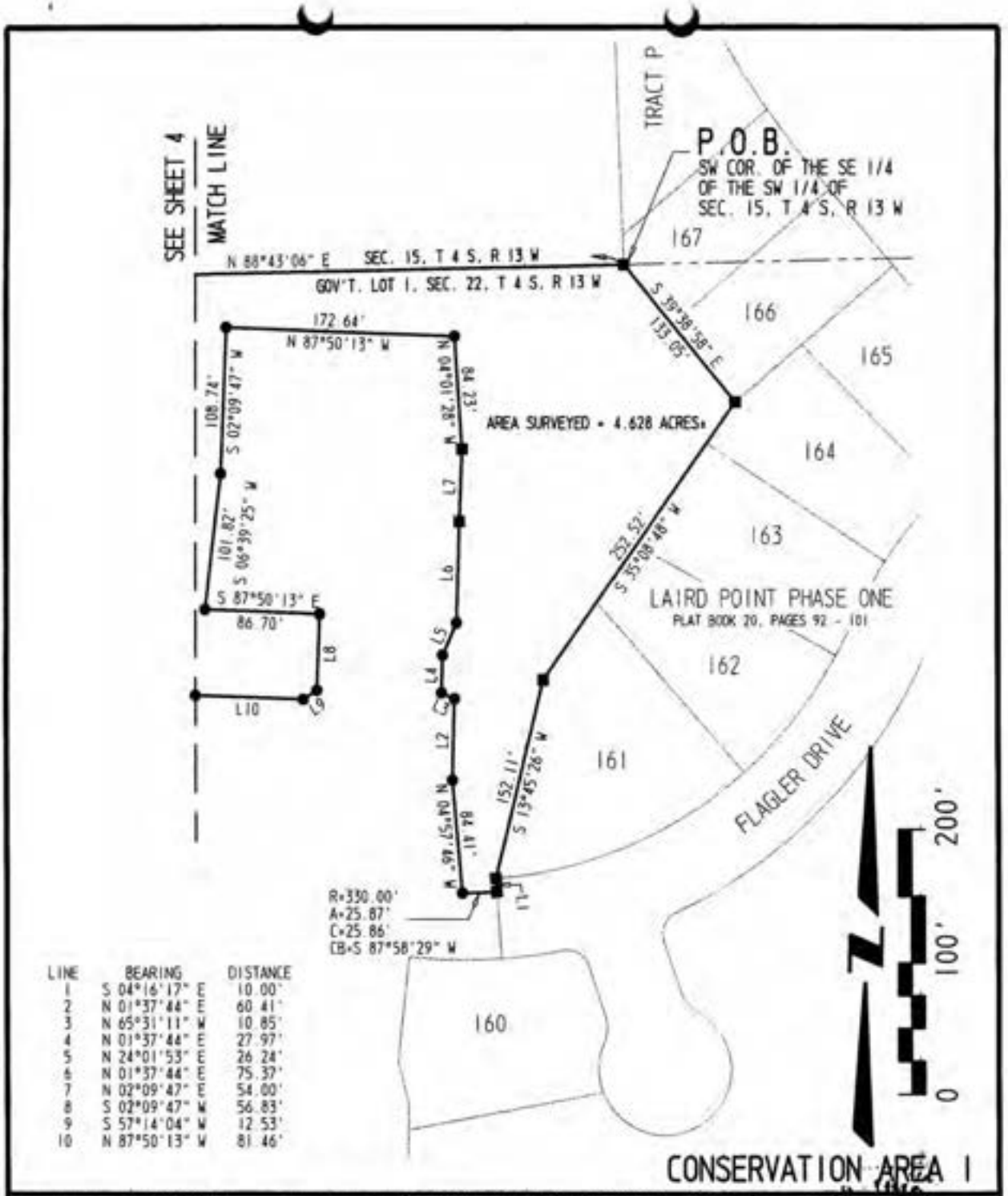
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 2 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONIA-



LINE	BEARING	DISTANCE
1	S 04°16'17" E	10.00'
2	N 01°37'44" E	60.41'
3	N 65°31'11" W	10.85'
4	N 01°37'44" E	27.97'
5	N 24°01'53" E	26.24'
6	N 01°37'44" E	75.37'
7	N 02°09'47" E	54.00'
8	S 02°09'47" W	56.83'
9	S 57°14'04" W	12.53'
10	N 87°50'13" W	81.46'

CONSERVATION AREA 1

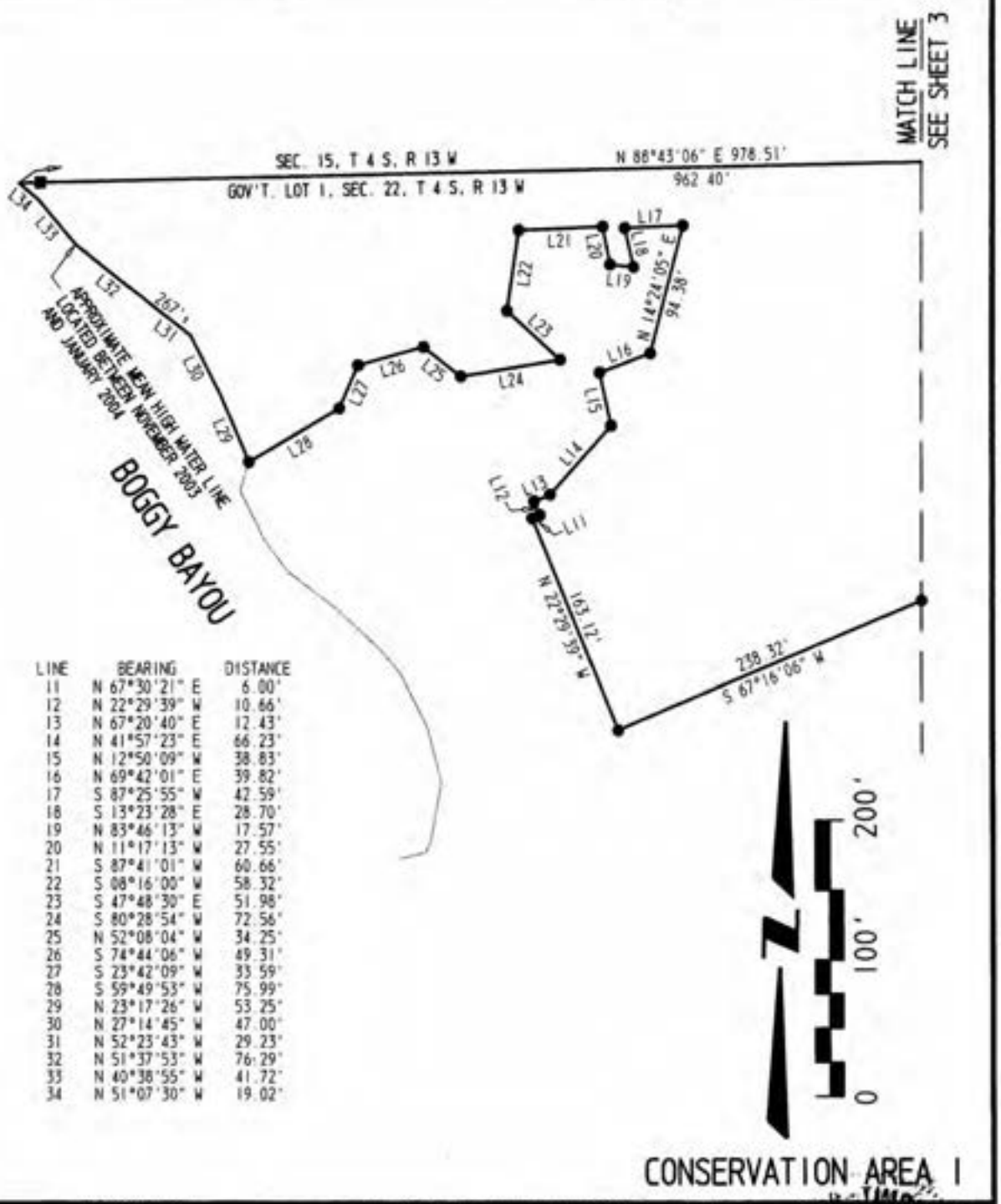
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7477
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 100'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 3 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONIA



LINE	BEARING	DISTANCE
11	N 67°30'21" E	6.00'
12	N 22°29'39" W	10.66'
13	N 67°20'40" E	12.43'
14	N 41°57'23" E	66.23'
15	N 12°50'09" W	38.83'
16	N 69°42'01" E	39.82'
17	S 87°25'55" W	42.59'
18	S 13°23'28" E	28.70'
19	N 83°46'13" W	17.57'
20	N 11°17'13" W	27.55'
21	S 87°41'01" W	60.66'
22	S 08°16'00" W	58.32'
23	S 47°48'30" E	51.98'
24	S 80°28'54" W	72.56'
25	N 52°08'04" W	34.25'
26	S 74°44'06" W	49.31'
27	S 23°42'09" W	33.59'
28	S 59°49'53" W	75.99'
29	N 23°17'26" W	53.25'
30	N 27°14'45" W	47.00'
31	N 52°23'43" W	29.23'
32	N 51°37'53" W	76.29'
33	N 40°38'55" W	41.72'
34	N 51°07'30" W	19.02'

CONSERVATION AREA 1

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 100'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 4 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE LAYER CODE CON1B-

DESCRIPTION OF CONSERVATION AREA 1: BEGIN AT THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA. THENCE SOUTHERLY ALONG THE WESTERLY BOUNDARY OF LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA, AS FOLLOWS: SOUTH 39 DEGREES 38 MINUTES 58 SECONDS EAST FOR 133.05 FEET; SOUTH 35 DEGREES 08 MINUTES 48 SECONDS WEST FOR 252.52 FEET; SOUTH 13 DEGREES 45 MINUTES 26 SECONDS WEST FOR 152.11 FEET; SOUTH 04 DEGREES 16 MINUTES 17 SECONDS EAST FOR 10.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 330.00 FEET; THENCE LEAVING SAID WESTERLY BOUNDARY, WESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 25.87 FEET, THE CHORD OF SAID ARC BEARING SOUTH 87 DEGREES 58 MINUTES 29 SECONDS WEST FOR 25.86 FEET; THENCE NORTH 04 DEGREES 57 MINUTES 46 SECONDS WEST FOR 84.41 FEET; THENCE NORTH 01 DEGREE 37 MINUTES 44 SECONDS EAST FOR 60.41 FEET; THENCE NORTH 65 DEGREES 31 MINUTES 11 SECONDS WEST FOR 10.85 FEET; THENCE NORTH 01 DEGREE 37 MINUTES 44 SECONDS EAST FOR 27.97 FEET; THENCE NORTH 24 DEGREES 01 MINUTE 53 SECONDS EAST FOR 26.24 FEET; THENCE NORTH 01 DEGREE 37 MINUTES 44 SECONDS EAST FOR 75.37 FEET; THENCE NORTH 02 DEGREES 09 MINUTES 47 SECONDS EAST FOR 54.00 FEET; THENCE NORTH 04 DEGREES 01 MINUTE 28 SECONDS WEST FOR 84.23 FEET; THENCE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 172.64 FEET; THENCE SOUTH 02 DEGREES 09 MINUTES 47 SECONDS WEST FOR 108.74 FEET; THENCE SOUTH 06 DEGREES 39 MINUTES 25 SECONDS WEST FOR 101.82 FEET; THENCE SOUTH 87 DEGREES 50 MINUTES 13 SECONDS EAST FOR 86.70 FEET; THENCE SOUTH 02 DEGREES 09 MINUTES 47 SECONDS WEST FOR 56.83 FEET; THENCE SOUTH 57 DEGREES 14 MINUTES 04 SECONDS WEST FOR 12.53 FEET; THENCE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 81.46 FEET; THENCE SOUTH 67 DEGREES 16 MINUTES 06 SECONDS WEST FOR 238.32 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 163.12 FEET; THENCE NORTH 67 DEGREES 30 MINUTES 21 SECONDS EAST FOR 6.00 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 10.66 FEET; THENCE NORTH 67 DEGREES 20 MINUTES 40 SECONDS EAST FOR 12.43 FEET; THENCE NORTH 41 DEGREES 57 MINUTES 23 SECONDS EAST FOR 66.23 FEET; THENCE NORTH 12 DEGREES 50 MINUTES 09 SECONDS WEST FOR 38.83 FEET; THENCE NORTH 69 DEGREES 42 MINUTES 01 SECOND EAST FOR 39.82 FEET; THENCE NORTH 14 DEGREES 24 MINUTES 05 SECONDS EAST FOR 94.38 FEET; THENCE SOUTH 87 DEGREES 25 MINUTES 55 SECONDS WEST FOR 42.59 FEET; THENCE SOUTH 13 DEGREES 23 MINUTES 28 SECONDS EAST

CONSERVATION AREA 1

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2572

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 5 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682\CONSERVE, LAYER CODE: CONSA-

FOR 28.70 FEET; THENCE NORTH 83 DEGREES 46 MINUTES 13 SECONDS WEST
FOR 17.57 FEET; THENCE NORTH 11 DEGREES 17 MINUTES 13 SECONDS WEST
FOR 27.55 FEET; THENCE SOUTH 87 DEGREES 41 MINUTES 01 SECOND WEST
FOR 60.66 FEET; THENCE SOUTH 08 DEGREES 16 MINUTES 00 SECONDS WEST
FOR 58.32 FEET; THENCE SOUTH 47 DEGREES 48 MINUTES 30 SECONDS EAST
FOR 51.98 FEET; THENCE SOUTH 80 DEGREES 28 MINUTES 54 SECONDS WEST
FOR 72.56 FEET; THENCE NORTH 52 DEGREES 08 MINUTES 04 SECONDS WEST
FOR 34.25 FEET; THENCE SOUTH 74 DEGREES 44 MINUTES 06 SECONDS WEST
FOR 49.31 FEET; THENCE SOUTH 23 DEGREES 42 MINUTES 09 SECONDS WEST
FOR 33.59 FEET; THENCE SOUTH 59 DEGREES 49 MINUTES 53 SECONDS WEST
FOR 76 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF BOGGY BAYOU; THENCE NORTHWESTERLY ALONG SAID MEAN HIGH WATER LINE FOR 267 FEET, MORE OR LESS, TO THE NORTH LINE OF GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, THENCE NORTH 88 DEGREES 43 MINUTES 06 SECONDS EAST ALONG SAID NORTH LINE FOR 979 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN SAID GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 1

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 6 OF 32

W. Todd Tindell

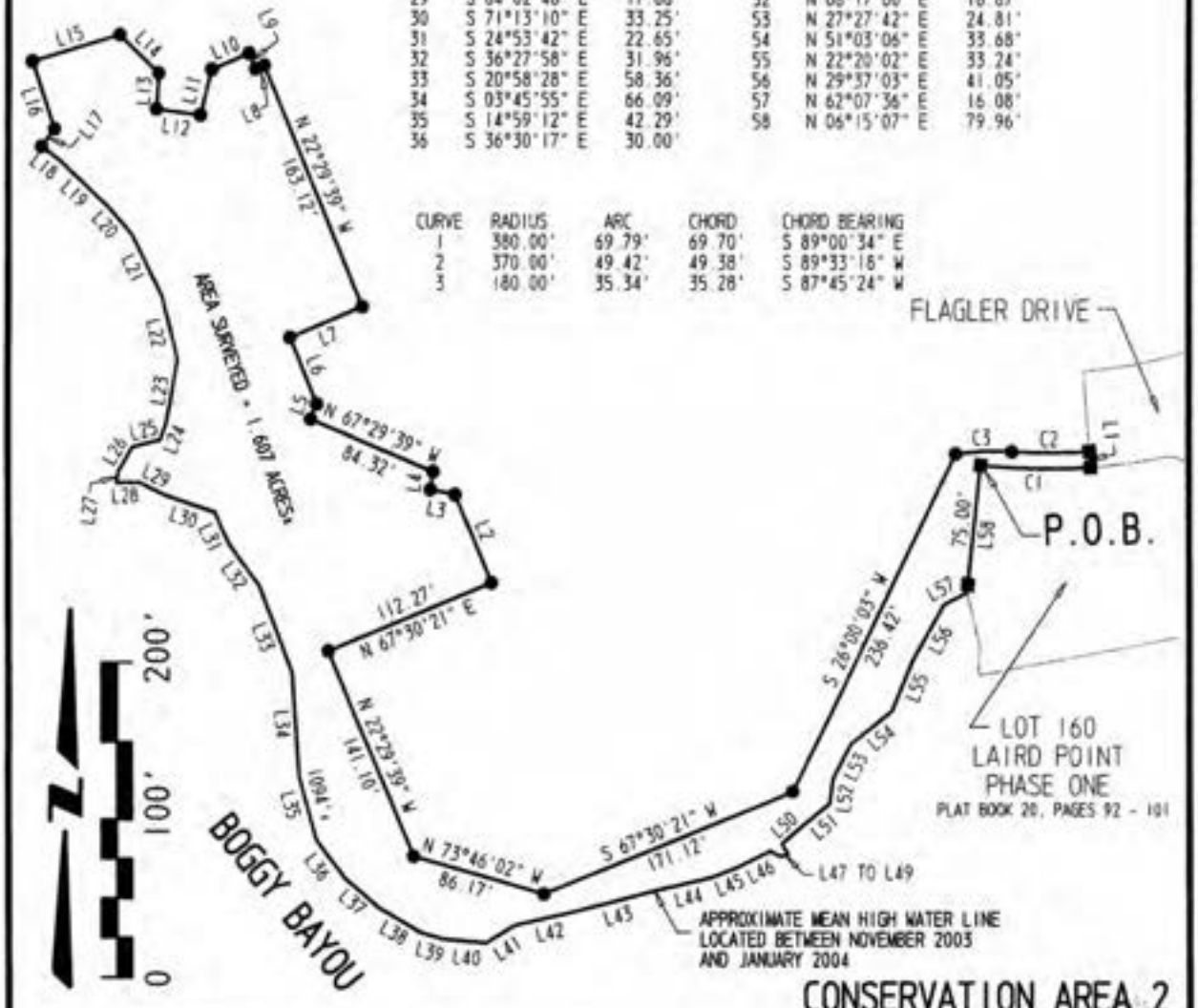
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE - LAYER CODE: CONSA-

1

LINE	BEARING	DISTANCE
1	N 04°16'17" W	10.00'
2	N 22°29'39" W	59.47'
3	N 78°36'58" W	16.05'
4	N 08°44'12" E	11.48'
5	N 22°30'22" E	10.21'
6	N 22°29'39" W	45.00'
7	N 67°30'21" E	49.80'
8	S 67°30'21" W	6.00'
9	N 22°29'38" W	10.60'
10	S 67°20'40" W	25.75'
11	S 13°31'29" W	29.47'
12	N 82°19'35" W	28.44'
13	N 04°03'33" E	22.55'
14	N 46°53'51" W	35.01'
15	S 73°28'11" W	58.19'
16	S 18°13'21" E	44.61'
17	S 36°59'10" W	13.67'
18	S 53°00'50" E	14.60'
19	S 46°53'09" E	43.71'
20	S 41°23'32" E	22.30'
21	S 27°03'45" E	43.20'
22	S 14°10'10" E	40.20'
23	S 10°28'39" W	41.57'
24	S 23°28'01" W	9.73'
25	S 75°30'06" W	18.26'
26	S 31°31'32" W	18.13'
27	S 06°59'23" W	6.93'
28	N 88°40'55" E	14.98'
29	S 64°02'48" E	17.66'
30	S 71°13'10" E	33.25'
31	S 24°53'42" E	22.65'
32	S 36°27'58" E	31.96'
33	S 20°58'28" E	58.36'
34	S 03°45'55" E	66.09'
35	S 14°59'12" E	42.29'
36	S 36°30'17" E	30.00'
37	S 49°30'29" E	28.84'
38	S 59°18'25" E	30.82'
39	S 73°52'38" E	14.44'
40	S 84°50'40" E	27.71'
41	N 58°04'13" E	21.15'
42	N 77°23'12" E	38.34'
43	N 75°09'09" E	53.00'
44	N 76°40'29" E	36.94'
45	N 68°04'11" E	17.04'
46	N 63°52'08" E	24.02'
47	S 62°27'47" E	7.63'
48	N 71°39'38" E	5.18'
49	N 29°42'42" W	7.54'
50	N 49°11'51" E	19.22'
51	N 50°44'22" E	20.34'
52	N 08°17'00" E	16.87'
53	N 27°27'42" E	24.81'
54	N 51°03'06" E	33.68'
55	N 22°20'02" E	33.24'
56	N 29°37'03" E	41.05'
57	N 62°07'36" E	16.08'
58	N 06°15'07" E	79.96'

CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	380.00'	69.79'	69.70'	S 89°00'34" E
2	370.00'	49.42'	49.38'	S 89°33'18" W
3	180.00'	35.34'	35.28'	S 87°45'24" W



CONSERVATION AREA 2

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 100'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 7 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVS LAYER CODE: CORN

DESCRIPTION OF CONSERVATION AREA 2: BEGIN AT THE NORTHWEST CORNER OF LOT 160, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101 IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE EASTERLY ALONG THE NORTH LINE OF SAID LOT 160, BEING A CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 380.00 FEET, FOR AN ARC DISTANCE OF 69.79 FEET, THE CHORD OF SAID ARC BEARING SOUTH 89 DEGREES 00 MINUTES 34 SECONDS EAST FOR 69.70 FEET TO THE WEST RIGHT OF WAY LINE OF FLAGLER DRIVE; THENCE NORTH 04 DEGREES 16 MINUTES 17 SECONDS WEST ALONG SAID RIGHT OF WAY LINE FOR 10.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 370.00 FEET; THENCE WESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 49.42 FEET, THE CHORD OF SAID ARC BEARING SOUTH 89 DEGREES 33 MINUTES 18 SECONDS WEST FOR 49.38 FEET TO A REVERSE CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 180.00 FEET; THENCE WESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 35.34 FEET, THE CHORD OF SAID ARC BEARING SOUTH 87 DEGREES 45 MINUTES 24 SECONDS WEST FOR 35.28 FEET; THENCE SOUTH 26 DEGREES 00 MINUTES 03 SECONDS WEST FOR 236.42 FEET; THENCE SOUTH 67 DEGREES 30 MINUTES 21 SECONDS WEST FOR 171.12 FEET; THENCE NORTH 73 DEGREES 46 MINUTES 02 SECONDS WEST FOR 86.17 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 141.10 FEET; THENCE NORTH 67 DEGREES 30 MINUTES 21 SECONDS EAST FOR 112.27 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 59.47 FEET; THENCE NORTH 78 DEGREES 36 MINUTES 58 SECONDS WEST FOR 16.05 FEET; THENCE NORTH 08 DEGREES 44 MINUTES 12 SECONDS EAST FOR 11.48 FEET; THENCE NORTH 67 DEGREES 29 MINUTES 39 SECONDS WEST FOR 84.32 FEET; THENCE NORTH 22 DEGREES 30 MINUTES 22 SECONDS EAST FOR 10.21 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 45.00 FEET; THENCE NORTH 67 DEGREES 30 MINUTES 21 SECONDS EAST FOR 49.80 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 39 SECONDS WEST FOR 163.12 FEET; THENCE SOUTH 67 DEGREES 30 MINUTES 21 SECONDS WEST FOR 6.00 FEET; THENCE NORTH 22 DEGREES 29 MINUTES 38 SECONDS WEST FOR 10.60 FEET; THENCE SOUTH 67 DEGREES 20 MINUTES 40 SECONDS WEST FOR 25.75 FEET; THENCE SOUTH 13 DEGREES 31 MINUTES 29 SECONDS WEST FOR 29.47 FEET; THENCE NORTH 82 DEGREES 19 MINUTES 35 SECONDS WEST FOR 28.44 FEET; THENCE NORTH 04 DEGREES 03 MINUTES 33 SECONDS EAST FOR 22.55 FEET; THENCE NORTH 46 DEGREES 53 MINUTES 51 SECONDS WEST FOR 35.01 FEET; THENCE SOUTH 73 DEGREES 28 MINUTES 11 SECONDS WEST FOR 58.19 FEET; THENCE SOUTH 18

CONSERVATION AREA 2

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 8 OF 52

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON2-

DEGREES 13 MINUTES 21 SECONDS EAST FOR 44.61 FEET; THENCE SOUTH 36 DEGREES 59 MINUTES 10 SECONDS WEST FOR 14 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF BOGGY BAYOU; THENCE SOUTHEASTERLY AND NORTHEASTERLY ALONG SAID MEAN HIGH WATER LINE FOR 1094 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 06 DEGREES 15 MINUTES 07 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE NORTH 06 DEGREES 15 MINUTES 07 SECONDS EAST ALONG SAID LINE FOR 80 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 2

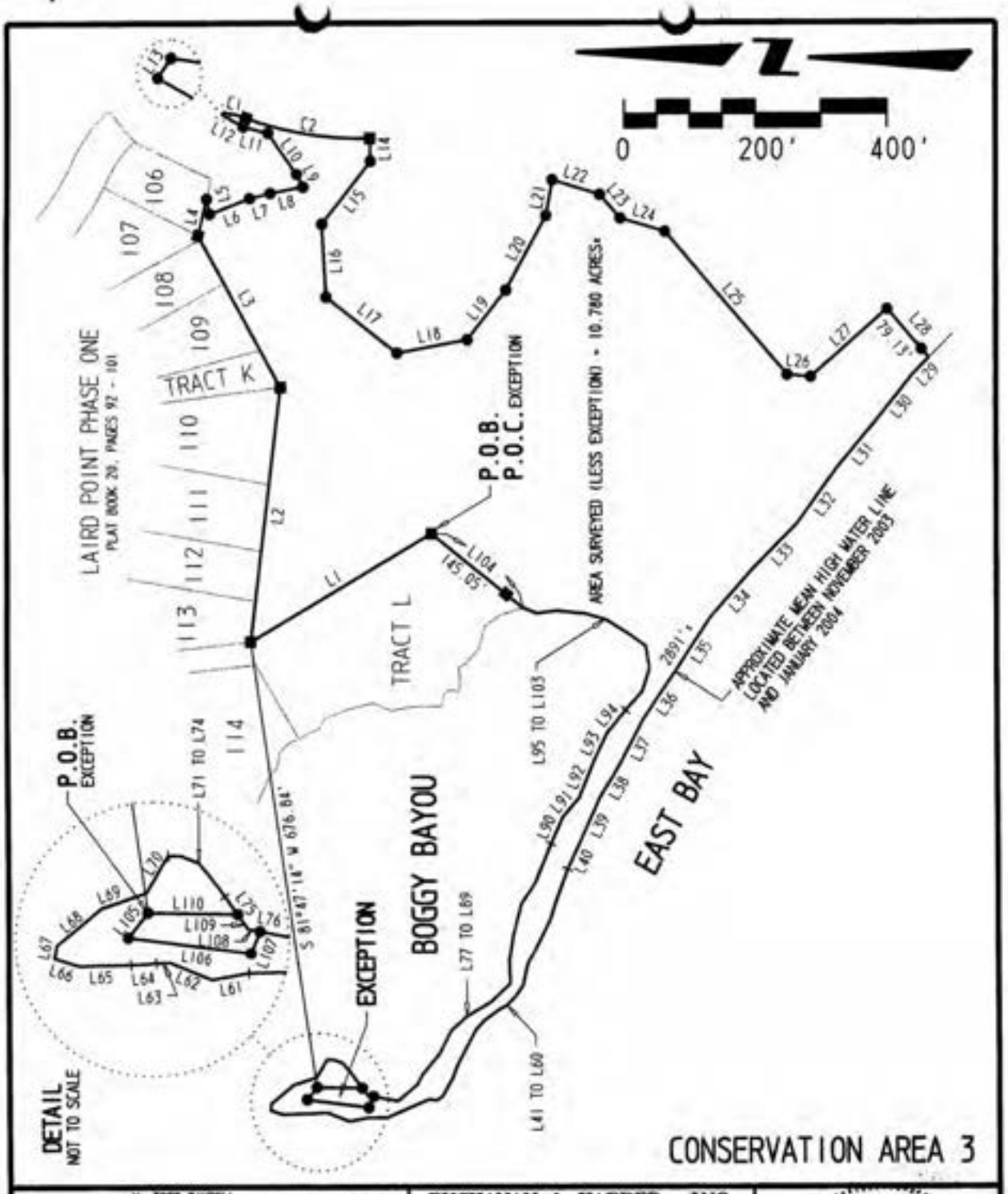
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 9 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON2-



THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2373

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 10 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON3-

LINE	BEARING	DISTANCE
1	N 30°28'01" W	317.83'
2	S 83°03'26" E	381.93'
3	N 61°08'12" E	258.88'
4	S 76°30'13" E	56.10'
5	S 78°27'08" W	23.11'
6	S 20°44'21" E	65.21'
7	S 13°55'53" E	32.02'
8	S 10°57'55" E	50.43'
9	N 64°35'21" E	21.12'
10	N 54°23'12" E	74.34'
11	N 13°58'10" E	39.14'
12	N 28°49'24" E	36.43'
13	S 55°26'05" E	3.82'
14	S 88°40'45" W	33.63'
15	N 51°47'45" W	119.13'
16	S 86°41'49" W	108.72'
17	S 38°12'15" W	135.90'
18	S 10°17'20" E	108.72'
19	S 51°47'45" E	94.80'
20	S 61°21'41" E	126.13'
21	S 79°52'18" E	54.27'
22	S 17°08'31" W	74.95'
23	S 49°21'56" W	46.88'
24	S 16°09'32" W	71.21'
25	S 48°58'20" W	283.85'
26	S 04°51'52" W	35.62'
27	S 41°01'40" E	153.46'
28	S 48°58'20" W	96.03'
29	N 45°18'38" W	35.81'
30	N 50°55'39" W	92.16'
31	N 49°54'40" W	89.85'
32	N 53°59'58" W	102.00'
33	N 44°48'06" W	90.19'
34	N 48°01'14" W	100.05'
35	N 56°14'28" W	97.22'
36	N 54°57'26" W	89.13'
37	N 62°10'52" W	73.73'
38	N 59°05'58" W	57.80'
39	N 65°23'56" W	72.40'
40	N 64°53'08" W	44.84'
41	N 69°57'51" W	55.38'
42	N 71°49'02" W	22.98'
43	N 63°37'58" W	60.74'
44	N 59°30'28" W	13.15'
45	N 74°58'32" W	16.68'
46	N 79°03'31" W	19.11'
47	N 57°01'24" W	20.13'
48	N 46°12'56" W	19.92'
49	N 30°16'01" W	16.02'
50	N 35°31'11" W	25.47'
51	N 48°14'56" W	20.76'
52	N 62°25'49" W	27.41'
53	N 62°39'57" W	32.71'
54	N 68°43'12" W	22.18'
55	N 60°31'26" W	31.11'

LINE	BEARING	DISTANCE
56	N 32°57'39" W	10.52'
57	N 06°16'19" E	12.52'
58	N 22°54'18" W	33.99'
59	N 22°48'57" W	34.90'
60	N 01°20'44" W	28.58'
61	N 09°56'22" W	28.54'
62	N 22°00'11" E	34.26'
63	N 00°48'26" W	10.67'
64	N 03°59'25" W	19.21'
65	N 01°08'23" W	38.95'
66	N 18°09'09" E	19.88'
67	S 80°00'31" E	10.09'
68	S 39°21'56" E	43.92'
69	S 18°51'05" E	36.47'
70	S 59°13'12" E	31.55'
71	S 00°09'41" W	9.66'
72	S 20°58'59" W	14.52'
73	S 51°06'41" W	22.88'
74	S 52°49'02" W	9.03'
75	S 54°05'41" W	30.22'
76	S 10°39'31" W	46.67'
77	S 40°06'54" E	38.07'
78	S 61°59'04" E	17.13'
79	S 50°57'38" E	41.50'
80	S 62°42'17" E	38.58'
81	S 42°24'05" E	34.05'
82	S 30°43'03" E	42.88'
83	S 43°55'27" E	41.14'
84	N 87°11'40" E	35.22'
85	S 80°15'35" E	39.10'
86	S 75°26'34" E	48.50'
87	S 55°24'24" E	36.67'
88	S 68°10'54" E	24.77'
89	S 67°24'28" E	39.66'
90	S 65°47'10" E	43.01'
91	S 48°36'56" E	38.17'
92	S 67°48'10" E	57.90'
93	S 64°32'03" E	49.69'
94	S 50°19'36" E	42.81'
95	S 47°41'49" E	38.02'
96	S 72°12'48" E	35.17'
97	N 80°11'58" E	33.67'
98	N 35°13'34" E	34.55'
99	N 32°04'56" E	38.22'
100	N 16°20'46" E	31.61'
101	N 05°31'13" E	42.82'
102	N 06°41'10" W	30.18'
103	N 20°53'15" E	22.38'
104	N 38°25'25" E	177.79'
105	N 51°20'01" W	24.15'
106	S 07°25'54" W	94.04'
107	S 67°12'38" E	18.11'
108	N 10°39'31" E	9.23'
109	N 54°05'41" E	13.72'
110	N 01°15'56" E	68.08'

CURVE	RADIUS	ARC	CHORD	CHORD BEARING
1	170.00'	35.37'	35.30'	S 13°19'36" W
2	530.00'	190.63'	189.60'	S 08°58'59" W

CONSERVATION AREA 3

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A

SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT

SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15

BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682

ELEVATION REFERENCE — SHEET NO. 11 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONS-

DESCRIPTION OF CONSERVATION AREA 3: BEGIN AT THE MOST EASTERLY CORNER OF TRACT L, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTHERLY AND EASTERLY ALONG THE BOUNDARY OF SAID LAIRD POINT PHASE ONE AS FOLLOWS: NORTH 30 DEGREES 28 MINUTES 01 SECOND WEST FOR 317.83 FEET; SOUTH 83 DEGREES 03 MINUTES 26 SECONDS EAST FOR 381.93 FEET; NORTH 61 DEGREES 08 MINUTES 12 SECONDS EAST FOR 258.88 FEET; SOUTH 76 DEGREES 30 MINUTES 13 SECONDS EAST FOR 56.10 FEET; THENCE LEAVING THE BOUNDARY OF SAID LAIRD POINT PHASE ONE, SOUTH 78 DEGREES 27 MINUTES 08 SECONDS WEST FOR 23.11 FEET; THENCE SOUTH 20 DEGREES 44 MINUTES 21 SECONDS EAST FOR 65.21 FEET; THENCE SOUTH 13 DEGREES 55 MINUTES 53 SECONDS EAST FOR 32.02 FEET; THENCE SOUTH 10 DEGREES 57 MINUTES 55 SECONDS EAST FOR 50.43 FEET; THENCE NORTH 64 DEGREES 35 MINUTES 21 SECONDS EAST FOR 21.12 FEET; THENCE NORTH 54 DEGREES 23 MINUTES 12 SECONDS EAST FOR 74.34 FEET; THENCE NORTH 13 DEGREES 58 MINUTES 10 SECONDS EAST FOR 39.14 FEET; THENCE NORTH 28 DEGREES 49 MINUTES 24 SECONDS EAST FOR 36.43 FEET; THENCE SOUTH 55 DEGREES 26 MINUTES 05 SECONDS EAST FOR 3.82 FEET TO A NON-TANGENT CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 170.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 35.37 FEET, THE CHORD OF SAID ARC BEARING SOUTH 13 DEGREES 19 MINUTES 36 SECONDS WEST FOR 35.30 FEET TO A REVERSE CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 530.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 190.63 FEET, THE CHORD OF SAID ARC BEARING SOUTH 08 DEGREES 58 MINUTES 59 SECONDS WEST FOR 189.60 FEET; THENCE SOUTH 88 DEGREES 40 MINUTES 45 SECONDS WEST FOR 33.63 FEET; THENCE NORTH 51 DEGREES 47 MINUTES 45 SECONDS WEST FOR 119.13 FEET; THENCE SOUTH 86 DEGREES 41 MINUTES 49 SECONDS WEST FOR 108.72 FEET; THENCE SOUTH 38 DEGREES 12 MINUTES 15 SECONDS WEST FOR 135.90 FEET; THENCE SOUTH 10 DEGREES 17 MINUTES 20 SECONDS EAST FOR 108.72 FEET; THENCE SOUTH 51 DEGREES 47 MINUTES 45 SECONDS EAST FOR 94.80 FEET; THENCE SOUTH 61 DEGREES 21 MINUTES 41 SECONDS EAST FOR 126.13 FEET; THENCE SOUTH 79 DEGREES 52 MINUTES 18 SECONDS EAST FOR 54.27 FEET; THENCE SOUTH 17 DEGREES 08 MINUTES 31 SECONDS WEST FOR 74.95 FEET; THENCE SOUTH 49 DEGREES 21 MINUTES 56 SECONDS WEST FOR 46.88 FEET; THENCE SOUTH 16 DEGREES 09 MINUTES 32 SECONDS WEST FOR 71.21 FEET; THENCE SOUTH 48 DEGREES 58 MINUTES 20

CONSERVATION AREA 3

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 785-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 12 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

W. TODD TINDELL

FILE: 9682-CONSERVE LAYER CODE: CONS-

SECONDS WEST FOR 283.85 FEET; THENCE SOUTH 04 DEGREES 51 MINUTES 52 SECONDS WEST FOR 35.62 FEET; THENCE SOUTH 41 DEGREES 01 MINUTE 40 SECONDS EAST FOR 153.46 FEET; THENCE SOUTH 48 DEGREES 58 MINUTES 20 SECONDS WEST FOR 96 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF EAST BAY; THENCE MEANDER CLOCKWISE ALONG SAID MEAN HIGH WATER LINE OF EAST BAY AND THE MEAN HIGH WATER LINE OF BOGGY BAYOU FOR 2891 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 38 DEGREES 25 MINUTES 25 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE NORTH 38 DEGREES 25 MINUTES 25 SECONDS EAST ALONG SAID LINE FOR 178 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

LESS AND EXCEPT: COMMENCE AT THE MOST EASTERLY CORNER OF TRACT L, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTH 30 DEGREES 28 MINUTES 01 SECOND WEST FOR 317.83 FEET TO THE SOUTHWEST CORNER OF LOT 113, SAID LAIRD POINT PHASE ONE; THENCE SOUTH 81 DEGREES 47 MINUTES 14 SECONDS WEST FOR 676.84 FEET TO THE POINT OF BEGINNING. THENCE NORTH 51 DEGREES 20 MINUTES 01 SECOND WEST FOR 24.15 FEET; THENCE SOUTH 07 DEGREES 25 MINUTES 54 SECONDS WEST FOR 94.04 FEET; THENCE SOUTH 67 DEGREES 12 MINUTES 38 SECONDS EAST FOR 18 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF BOGGY BAYOU; THENCE NORTHERLY ALONG SAID MEAN HIGH WATER LINE FOR 23 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 01 DEGREE 15 MINUTES 56 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE NORTH 01 DEGREE 15 MINUTES 56 SECONDS EAST ALONG SAID LINE FOR 68 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 3

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

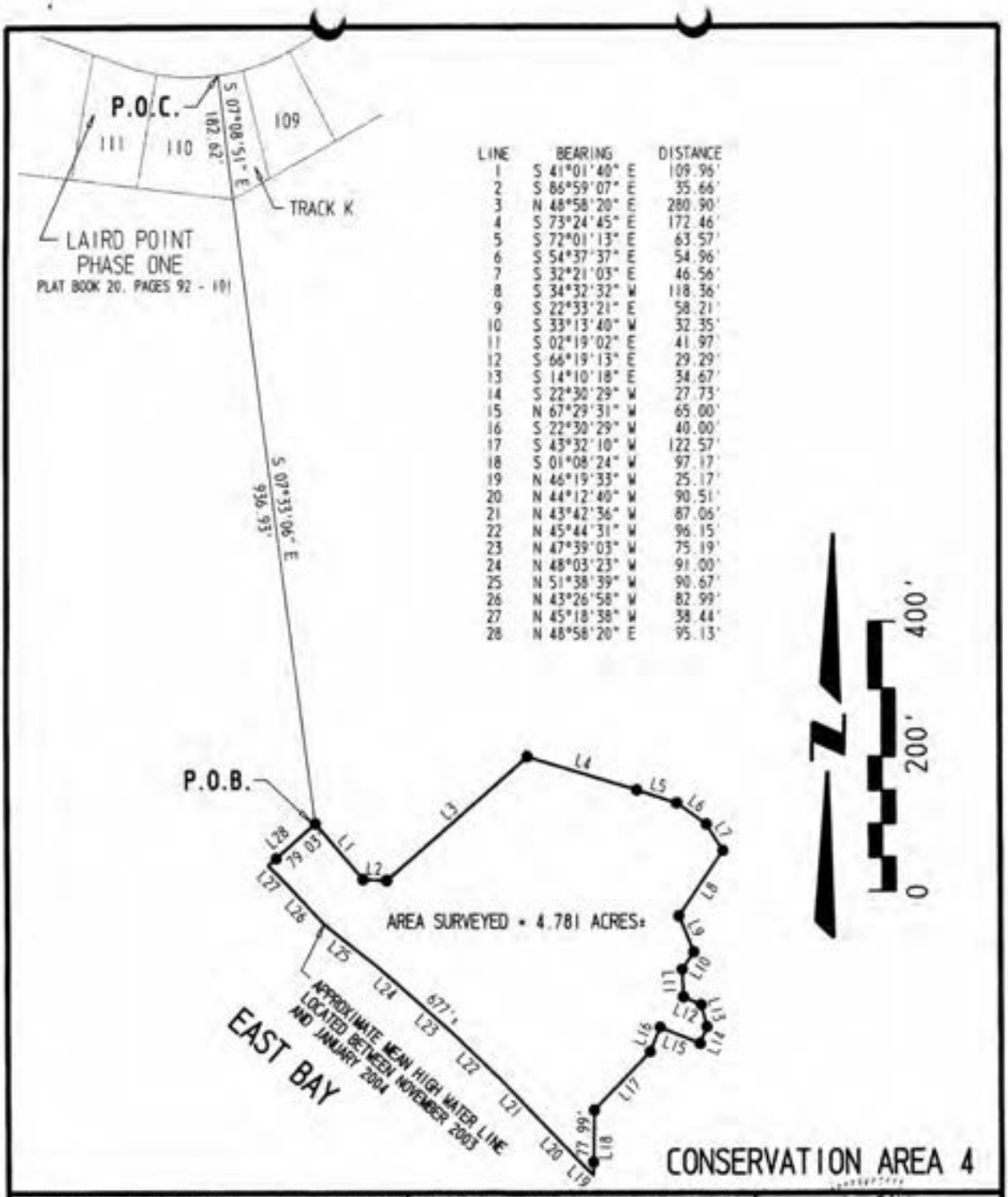
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 13 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONS-



LINE	BEARING	DISTANCE
1	S 41°01'40" E	109.96'
2	S 86°59'07" E	35.66'
3	N 48°58'20" E	280.90'
4	S 73°24'45" E	172.46'
5	S 72°01'13" E	63.57'
6	S 54°37'37" E	54.96'
7	S 32°21'03" E	46.56'
8	S 34°32'32" W	118.36'
9	S 22°33'21" E	58.21'
10	S 33°13'40" W	32.35'
11	S 02°19'02" E	41.97'
12	S 66°19'13" E	29.29'
13	S 14°10'18" E	34.67'
14	S 22°30'29" W	27.73'
15	N 67°29'31" W	65.00'
16	S 22°30'29" W	40.00'
17	S 43°32'10" W	122.57'
18	S 01°08'24" W	97.17'
19	N 46°19'33" W	25.17'
20	N 44°12'40" W	90.51'
21	N 43°42'36" W	87.06'
22	N 45°44'31" W	96.15'
23	N 47°39'03" W	75.19'
24	N 48°03'23" W	91.00'
25	N 51°38'39" W	90.67'
26	N 43°26'58" W	82.99'
27	N 45°18'38" W	38.44'
28	N 48°58'20" E	95.13'

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 14 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON4

DESCRIPTION OF CONSERVATION AREA 4: COMMENCE AT THE NORTHEAST CORNER OF LOT 110, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 07 DEGREES 08 MINUTES 51 SECONDS EAST FOR 182.62 FEET TO THE SOUTHEAST CORNER OF SAID LOT 110; THENCE SOUTH 07 DEGREES 33 MINUTES 06 SECONDS EAST FOR 936.93 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 41 DEGREES 01 MINUTE 40 SECONDS EAST FOR 109.96 FEET; THENCE SOUTH 86 DEGREES 59 MINUTES 07 SECONDS EAST FOR 35.66 FEET; THENCE NORTH 48 DEGREES 58 MINUTES 20 SECONDS EAST FOR 280.90 FEET; THENCE SOUTH 73 DEGREES 24 MINUTES 45 SECONDS EAST FOR 172.46 FEET, THENCE SOUTH 72 DEGREES 01 MINUTE 13 SECONDS EAST FOR 63.57 FEET, THENCE SOUTH 54 DEGREES 37 MINUTES 37 SECONDS EAST FOR 54.96 FEET; THENCE SOUTH 32 DEGREES 21 MINUTES 03 SECONDS EAST FOR 46.56 FEET; THENCE SOUTH 34 DEGREES 32 MINUTES 32 SECONDS WEST FOR 118.36 FEET, THENCE SOUTH 22 DEGREES 33 MINUTES 21 SECONDS EAST FOR 58.21 FEET; THENCE SOUTH 33 DEGREES 13 MINUTES 40 SECONDS WEST FOR 32.35 FEET; THENCE SOUTH 02 DEGREES 19 MINUTES 02 SECONDS EAST FOR 41.97 FEET; THENCE SOUTH 66 DEGREES 19 MINUTES 13 SECONDS EAST FOR 29.29 FEET; THENCE SOUTH 14 DEGREES 10 MINUTES 18 SECONDS EAST FOR 34.67 FEET; THENCE SOUTH 22 DEGREES 30 MINUTES 29 SECONDS WEST FOR 27.73 FEET; THENCE NORTH 67 DEGREES 29 MINUTES 31 SECONDS WEST FOR 65.00 FEET; THENCE SOUTH 22 DEGREES 30 MINUTES 29 SECONDS WEST FOR 40.00 FEET; THENCE SOUTH 43 DEGREES 32 MINUTES 10 SECONDS WEST FOR 122.57 FEET; THENCE SOUTH 01 DEGREE 08 MINUTES 24 SECONDS WEST FOR 97 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF EAST BAY; THENCE NORTHWESTERLY ALONG SAID MEAN HIGH WATER LINE FOR 677 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 48 DEGREES 58 MINUTES 20 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE NORTH 48 DEGREES 58 MINUTES 20 SECONDS EAST ALONG SAID LINE FOR 95 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 4

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

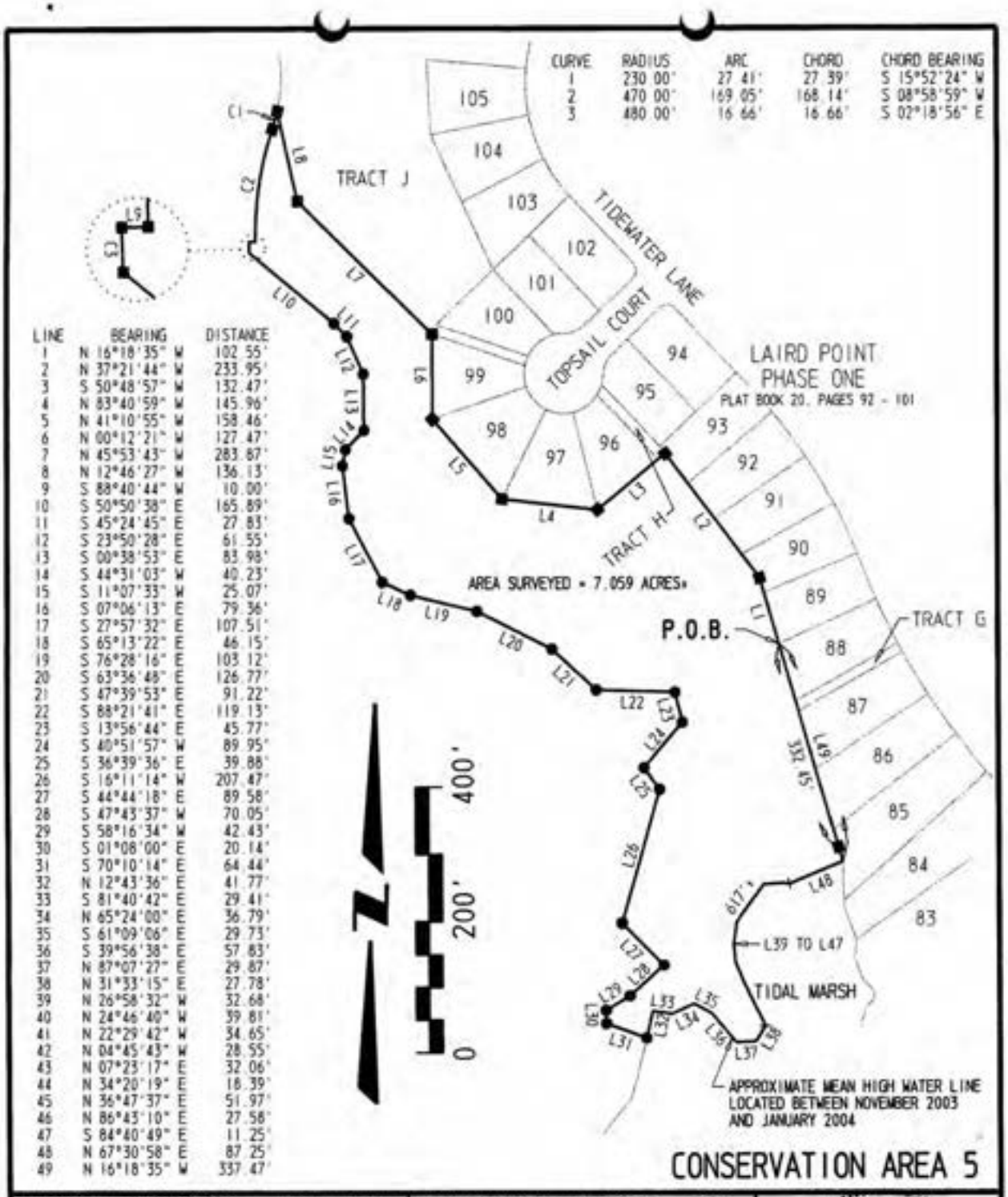
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 15 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONS2



LINE	BEARING	DISTANCE
1	N 16°18'35" W	102.55'
2	N 37°21'44" W	233.95'
3	S 50°48'57" W	132.47'
4	N 83°40'59" W	145.96'
5	N 41°10'55" W	158.46'
6	N 00°12'21" W	127.47'
7	N 45°53'43" W	283.87'
8	N 12°46'27" W	136.13'
9	S 88°40'44" W	10.00'
10	S 50°50'38" E	165.89'
11	S 45°24'45" E	27.83'
12	S 23°50'28" E	61.55'
13	S 00°38'53" E	83.98'
14	S 44°31'03" W	40.23'
15	S 11°07'33" W	25.07'
16	S 07°06'13" E	79.36'
17	S 27°57'32" E	107.51'
18	S 65°13'22" E	46.15'
19	S 76°28'16" E	103.12'
20	S 63°36'48" E	126.77'
21	S 47°39'53" E	91.22'
22	S 88°21'41" E	119.13'
23	S 13°56'44" E	45.77'
24	S 40°51'57" W	89.95'
25	S 36°39'36" E	39.88'
26	S 16°11'14" W	207.47'
27	S 44°44'18" E	89.58'
28	S 47°43'37" W	70.05'
29	S 58°16'34" W	42.43'
30	S 01°08'00" E	20.14'
31	S 70°10'14" E	64.44'
32	N 12°43'36" E	41.77'
33	S 81°40'42" E	29.41'
34	N 65°24'00" E	36.79'
35	S 61°09'06" E	29.73'
36	S 39°56'38" E	57.83'
37	N 87°07'27" E	29.87'
38	N 31°33'15" E	27.78'
39	N 26°58'32" W	32.68'
40	N 24°46'40" W	39.81'
41	N 22°29'42" W	34.65'
42	N 04°45'43" W	28.55'
43	N 07°23'17" E	32.06'
44	N 34°20'19" E	18.39'
45	N 36°47'37" E	51.97'
46	N 86°43'10" E	27.58'
47	S 84°40'49" E	11.25'
48	N 67°30'58" E	87.25'
49	N 16°18'35" W	337.47'

CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2172

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 16 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONS-

DESCRIPTION OF CONSERVATION AREA 5: BEGIN AT THE SOUTHWEST CORNER OF LOT 89, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTHERLY ALONG THE WESTERLY BOUNDARY OF SAID LAIRD POINT PHASE ONE AS FOLLOWS: NORTH 16 DEGREES 18 MINUTES 35 SECONDS WEST FOR 102.55 FEET; NORTH 37 DEGREES 21 MINUTES 44 SECONDS WEST FOR 233.95 FEET; SOUTH 50 DEGREES 48 MINUTES 57 SECONDS WEST FOR 132.47 FEET; NORTH 83 DEGREES 40 MINUTES 59 SECONDS WEST FOR 145.96 FEET; NORTH 41 DEGREES 10 MINUTES 55 SECONDS WEST FOR 158.46 FEET; NORTH 00 DEGREES 12 MINUTES 21 SECONDS WEST FOR 127.47 FEET; NORTH 45 DEGREES 53 MINUTES 43 SECONDS WEST FOR 283.87 FEET; NORTH 12 DEGREES 46 MINUTES 27 SECONDS WEST FOR 136.13 FEET TO A NON-TANGENT CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 230.00 FEET; THENCE LEAVING THE WESTERLY BOUNDARY OF SAID LAIRD POINT PHASE ONE, SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 27.41 FEET, THE CHORD OF SAID ARC BEARING SOUTH 15 DEGREES 52 MINUTES 24 SECONDS WEST FOR 27.39 FEET TO A REVERSE CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 470.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 169.05 FEET, THE CHORD OF SAID ARC BEARING SOUTH 08 DEGREES 58 MINUTES 59 SECONDS WEST FOR 168.14 FEET; THENCE SOUTH 88 DEGREES 40 MINUTES 45 SECONDS WEST FOR 10.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 480.00 FEET; THENCE SOUTHERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 16.66 FEET, THE CHORD OF SAID ARC BEARING SOUTH 02 DEGREES 18 MINUTES 56 SECONDS EAST FOR 16.66 FEET; THENCE SOUTH 50 DEGREES 50 MINUTES 38 SECONDS EAST FOR 165.89 FEET; THENCE SOUTH 45 DEGREES 24 MINUTES 45 SECONDS EAST FOR 27.83 FEET; THENCE SOUTH 23 DEGREES 50 MINUTES 28 SECONDS EAST FOR 61.55 FEET; THENCE SOUTH 00 DEGREES 38 MINUTES 53 SECONDS EAST FOR 83.98 FEET; THENCE SOUTH 44 DEGREES 31 MINUTES 03 SECONDS WEST FOR 40.23 FEET; THENCE SOUTH 11 DEGREES 07 MINUTES 33 SECONDS WEST FOR 25.07 FEET; THENCE SOUTH 07 DEGREES 06 MINUTES 13 SECONDS EAST FOR 79.36 FEET; THENCE SOUTH 27 DEGREES 57 MINUTES 32 SECONDS EAST FOR 107.51 FEET; THENCE SOUTH 65 DEGREES 13 MINUTES 22 SECONDS EAST FOR 46.15 FEET; THENCE SOUTH 76 DEGREES 28 MINUTES 16 SECONDS EAST FOR 103.12 FEET; THENCE SOUTH 63 DEGREES 36 MINUTES 48 SECONDS EAST FOR 126.77 FEET; THENCE SOUTH 47 DEGREES 39 MINUTES 53 SECONDS EAST FOR 91.22 FEET; THENCE SOUTH 88

CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 17 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE - CONS-

DEGREES 21 MINUTES 41 SECONDS EAST FOR 119.13 FEET; THENCE SOUTH 13 DEGREES 56 MINUTES 44 SECONDS EAST FOR 45.77 FEET; THENCE SOUTH 40 DEGREES 51 MINUTES 57 SECONDS WEST FOR 89.95 FEET; THENCE SOUTH 36 DEGREES 39 MINUTES 36 SECONDS EAST FOR 39.88 FEET; THENCE SOUTH 16 DEGREES 11 MINUTES 14 SECONDS WEST FOR 207.47 FEET; THENCE SOUTH 44 DEGREES 44 MINUTES 18 SECONDS EAST FOR 89.58 FEET; THENCE SOUTH 47 DEGREES 43 MINUTES 37 SECONDS WEST FOR 70.05 FEET; THENCE SOUTH 58 DEGREES 16 MINUTES 34 SECONDS WEST FOR 42.43 FEET; THENCE SOUTH 01 DEGREE 08 MINUTES 00 SECONDS EAST FOR 20.14 FEET; THENCE SOUTH 70 DEGREES 10 MINUTES 14 SECONDS EAST FOR 64 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY; THENCE MEANDER COUNTERCLOCKWISE ALONG SAID MEAN HIGH WATER LINE FOR 617 FEET, MORE OR LESS, TO THE WESTERLY BOUNDARY OF SAID LAIRD POINT PHASE ONE; THENCE NORTH 16 DEGREES 18 MINUTES 35 SECONDS WEST ALONG SAID WESTERLY BOUNDARY FOR 337 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 5

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2572

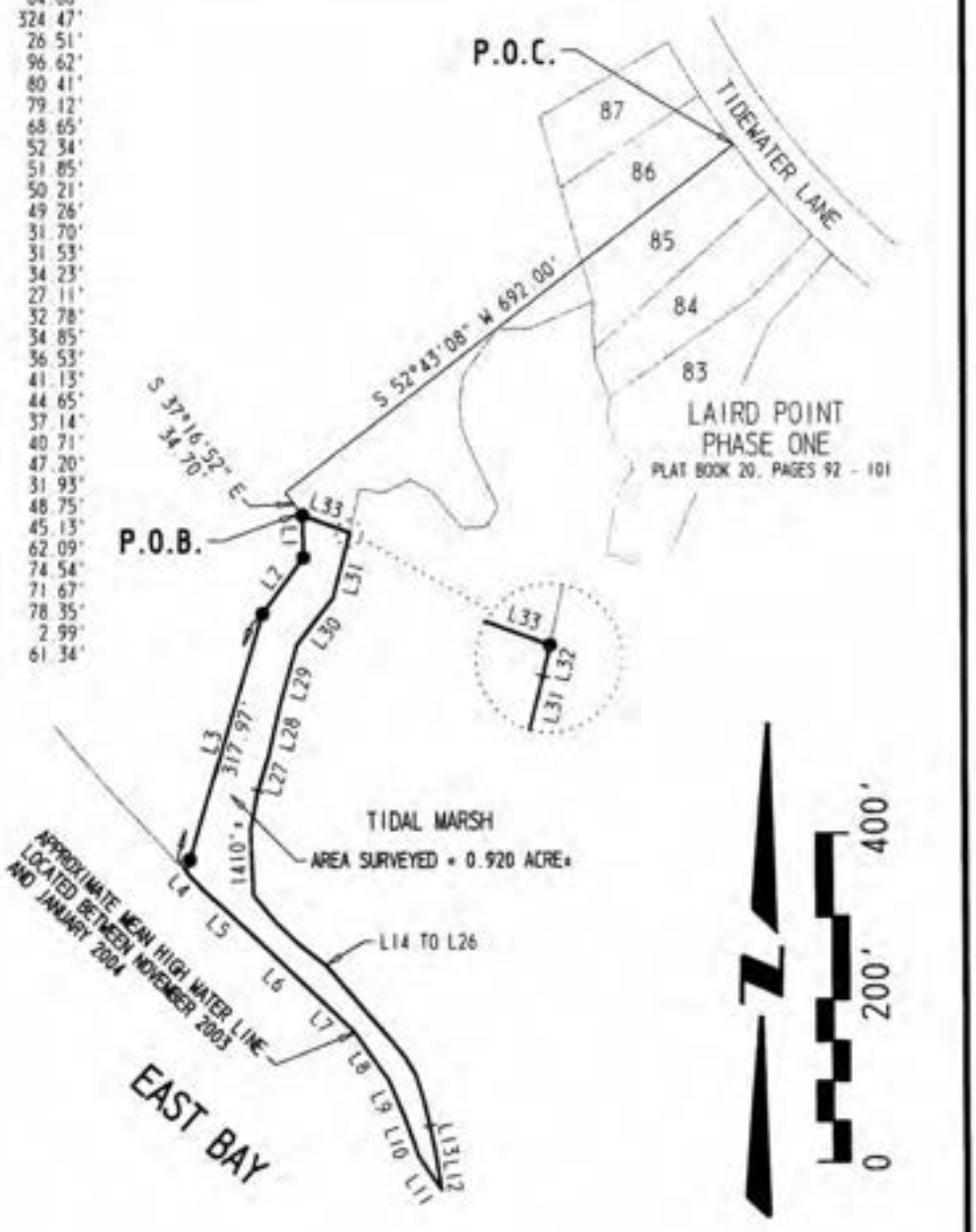
PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 18 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONS-

LINE	BEARING	DISTANCE
1	S 01°08'00" E	50.93'
2	S 36°45'14" W	84.60'
3	S 16°57'12" W	324.47'
4	S 43°35'20" E	26.51'
5	S 47°14'55" E	96.62'
6	S 46°37'28" E	80.41'
7	S 46°29'34" E	79.12'
8	S 35°04'19" E	68.65'
9	S 23°03'25" E	52.34'
10	S 19°19'02" E	51.85'
11	S 34°02'47" E	50.21'
12	N 08°55'10" W	49.26'
13	N 11°58'52" W	31.70'
14	N 12°14'40" W	31.53'
15	N 17°18'59" W	34.23'
16	N 30°50'55" W	27.11'
17	N 40°21'56" W	32.78'
18	N 41°33'32" W	34.85'
19	N 41°13'27" W	36.53'
20	N 41°01'24" W	41.13'
21	N 51°42'43" W	44.65'
22	N 46°11'17" W	37.14'
23	N 39°48'32" W	40.71'
24	N 02°23'04" W	47.20'
25	N 02°15'56" W	31.93'
26	N 11°07'11" E	48.75'
27	N 17°55'10" E	45.13'
28	N 13°24'44" E	62.09'
29	N 15°58'23" E	74.54'
30	N 38°01'26" E	71.67'
31	N 14°56'35" E	78.35'
32	N 12°43'36" E	2.99'
33	N 70°10'14" W	61.34'



CONSERVATION AREA 6

THE UNDERSIGNED, M. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 7572

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 19 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON6

DESCRIPTION OF CONSERVATION AREA 6: COMMENCE AT THE MOST EASTERLY CORNER OF LOT 86, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 52 DEGREES 43 MINUTES 08 SECONDS WEST ALONG THE SOUTH LINE OF SAID LOT 86 AND A SOUTHWESTERLY EXTENSION THEREOF FOR 692.00 FEET; THENCE SOUTH 37 DEGREES 16 MINUTES 52 SECONDS EAST FOR 34.70 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 01 DEGREE 08 MINUTES 00 SECONDS EAST FOR 50.93 FEET; THENCE SOUTH 36 DEGREES 45 MINUTES 14 SECONDS WEST FOR 84.60 FEET; THENCE SOUTH 16 DEGREES 57 MINUTES 12 SECONDS WEST FOR 324 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF EAST BAY; THENCE MEANDER COUNTERCLOCKWISE ALONG SAID MEAN HIGH WATER LINE OF EAST BAY AND ALONG THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY FOR 1410 FEET, MORE OR LESS, TO A LINE THAT BEARS SOUTH 70 DEGREES 10 MINUTES 14 SECONDS EAST FROM THE POINT OF BEGINNING; THENCE NORTH 70 DEGREES 10 MINUTES 14 SECONDS WEST ALONG SAID LINE FOR 61 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 6

THE UNDERSIGNED W. TODD TINDELL FLORIDA LAND SURVEYOR NO 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

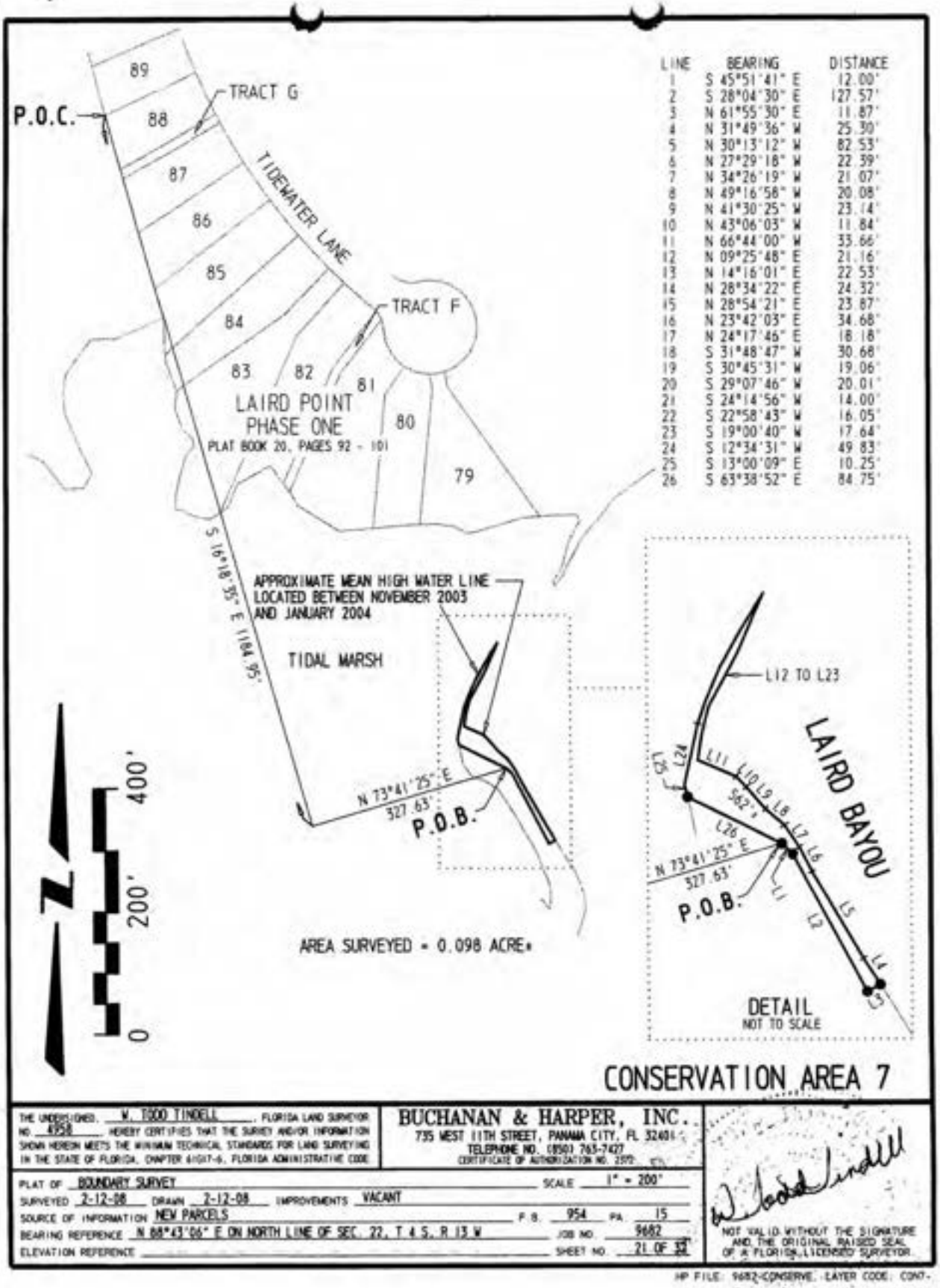
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY SCALE N/A
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PA 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO 9682
ELEVATION REFERENCE SHEET NO. 20 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSERVE. LAYER CODE: CONS-



LINE	BEARING	DISTANCE
1	S 45°51'41" E	12.00'
2	S 28°04'30" E	127.57'
3	N 61°55'30" E	11.87'
4	N 31°49'36" W	25.30'
5	N 30°13'12" W	82.53'
6	N 27°29'18" W	22.39'
7	N 34°26'19" W	21.07'
8	N 49°16'58" W	20.08'
9	N 41°30'25" W	23.14'
10	N 43°06'03" W	11.84'
11	N 66°44'00" W	33.66'
12	N 09°25'48" E	21.16'
13	N 14°16'01" E	22.53'
14	N 28°34'22" E	24.32'
15	N 28°54'21" E	23.87'
16	N 23°42'03" E	34.68'
17	N 24°17'46" E	18.18'
18	S 31°48'47" W	30.68'
19	S 30°45'31" W	19.06'
20	S 29°07'46" W	20.01'
21	S 24°14'56" W	14.00'
22	S 22°58'43" W	16.05'
23	S 19°00'40" W	17.64'
24	S 12°34'31" W	49.83'
25	S 13°00'09" E	10.25'
26	S 63°38'52" E	84.75'

CONSERVATION AREA 7

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2572

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 21 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE. LAYER CODE: CONT-

DESCRIPTION OF CONSERVATION AREA 7: COMMENCE AT THE NORTHWEST CORNER OF LOT 88, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST ALONG THE WESTERLY LINE OF SAID LOT 88 AND A SOUTHEASTERLY EXTENSION THEREOF FOR 1184.95 FEET, THENCE NORTH 73 DEGREES 41 MINUTES 25 SECONDS EAST FOR 327.63 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 45 DEGREES 51 MINUTES 41 SECONDS EAST FOR 12.00 FEET; THENCE SOUTH 28 DEGREES 04 MINUTES 30 SECONDS EAST FOR 127.57 FEET; THENCE NORTH 61 DEGREES 55 MINUTES 30 SECONDS EAST FOR 12 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF LAIRD BAYOU; THENCE MEANDER COUNTERCLOCKWISE ALONG SAID MEAN HIGH WATER LINE OF LAIRD BAYOU AND ALONG THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY FOR 562 FEET, MORE OR LESS, TO A LINE THAT BEARS NORTH 63 DEGREES 38 MINUTES 52 SECONDS WEST FROM THE POINT OF BEGINNING. THENCE SOUTH 63 DEGREES 38 MINUTES 52 SECONDS EAST ALONG SAID LINE FOR 85 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 7

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

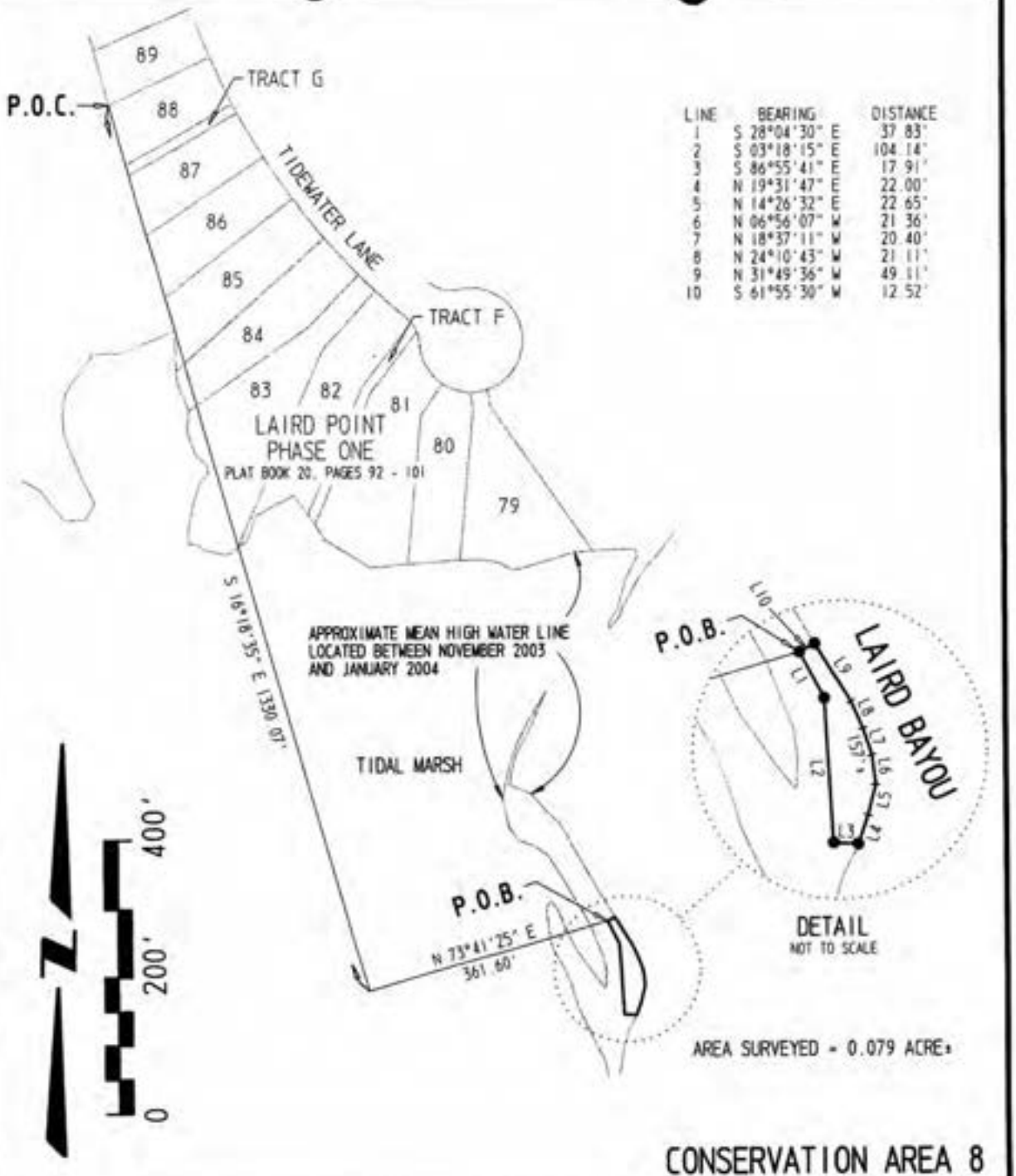
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF: BOUNDARY SURVEY — SCALE: N/A
SURVEYED: 2-12-08 — DRAWN: 2-12-08 — IMPROVEMENTS: VACANT
SOURCE OF INFORMATION: NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE: N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE: — SHEET NO. 22 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE. LAYER CODE: CON7-



LINE	BEARING	DISTANCE
1	S 28°04'30" E	37.83'
2	S 03°18'15" E	104.14'
3	S 86°55'41" E	17.91'
4	N 19°31'47" E	22.00'
5	N 14°26'32" E	22.65'
6	N 06°56'07" W	21.36'
7	N 18°37'11" W	20.40'
8	N 24°10'43" W	21.11'
9	N 31°49'36" W	49.11'
10	S 61°55'30" W	12.52'

CONSERVATION AREA 8

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2572

PLAT OF BOUNDARY SURVEY — SCALE 1" = 200'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 23 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSRVE -LAYER CODE: CONS-

DESCRIPTION OF CONSERVATION AREA 8: COMMENCE AT THE NORTHWEST CORNER OF LOT 88, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST ALONG THE WESTERLY LINE OF SAID LOT 88 AND A SOUTHEASTERLY EXTENSION THEREOF FOR 1330.07 FEET, THENCE NORTH 73 DEGREES 41 MINUTES 25 SECONDS EAST FOR 361.60 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 28 DEGREES 04 MINUTES 30 SECONDS EAST FOR 37.83 FEET, THENCE SOUTH 03 DEGREES 18 MINUTES 15 SECONDS EAST FOR 104.14 FEET, THENCE SOUTH 86 DEGREES 55 MINUTES 41 SECONDS EAST FOR 18 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF LAIRD BAYOU; THENCE NORTHERLY ALONG SAID MEAN HIGH WATER LINE FOR 157 FEET, MORE OR LESS, TO A LINE THAT BEARS NORTH 61 DEGREES 55 MINUTES 30 SECONDS EAST FROM THE POINT OF BEGINNING, THENCE SOUTH 61 DEGREES 55 MINUTES 30 SECONDS WEST ALONG SAID LINE FOR 13 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 8

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

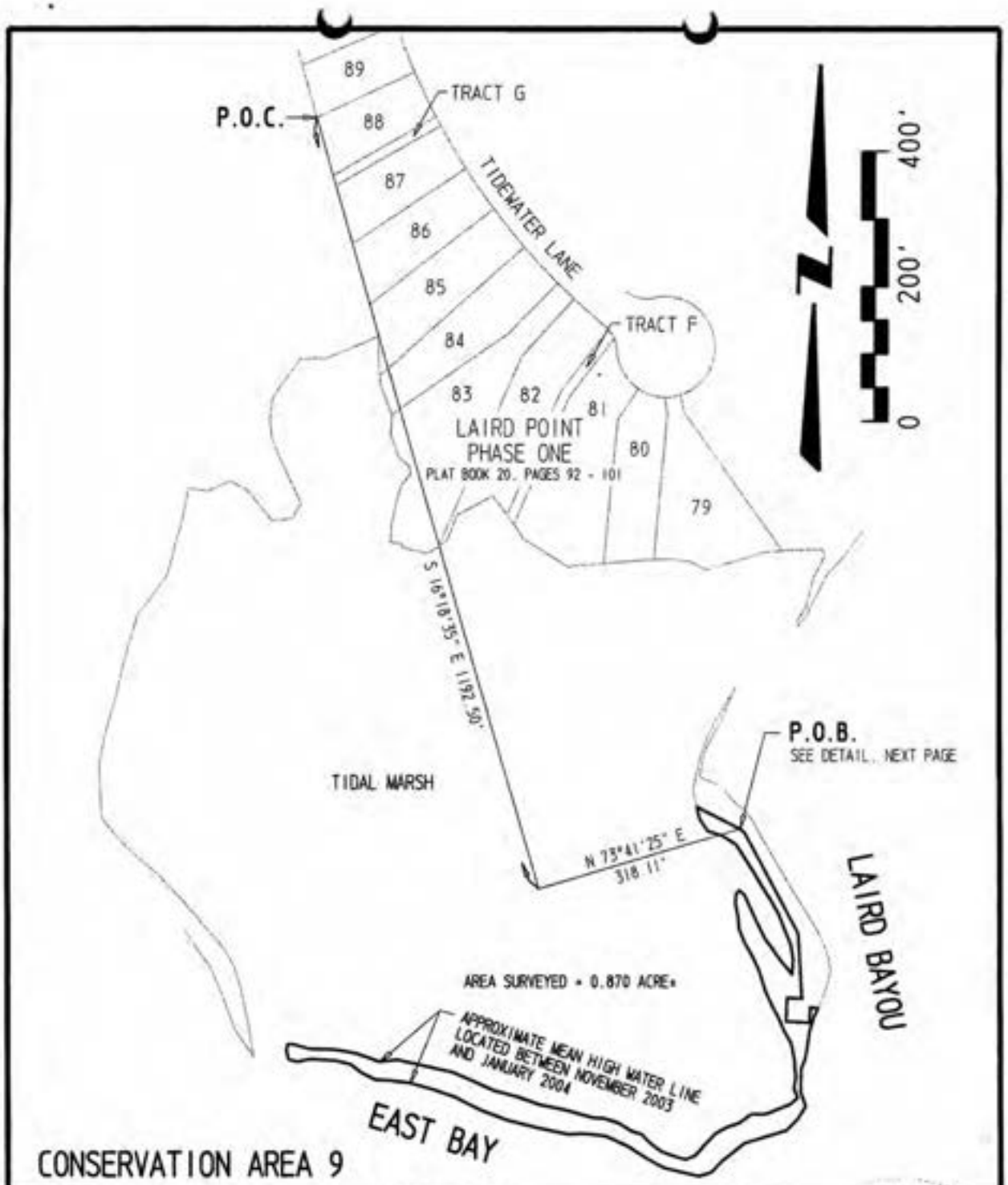
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF: BOUNDARY SURVEY — SCALE: N/A
SURVEYED: 2-12-08 — DRAWN: 2-12-08 — IMPROVEMENTS: VACANT
SOURCE OF INFORMATION: NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE: N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE: — SHEET NO. 24 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

H:\FILE: 9682-CONSERVE "CAMER\CODE: CONS-



CONSERVATION AREA 9

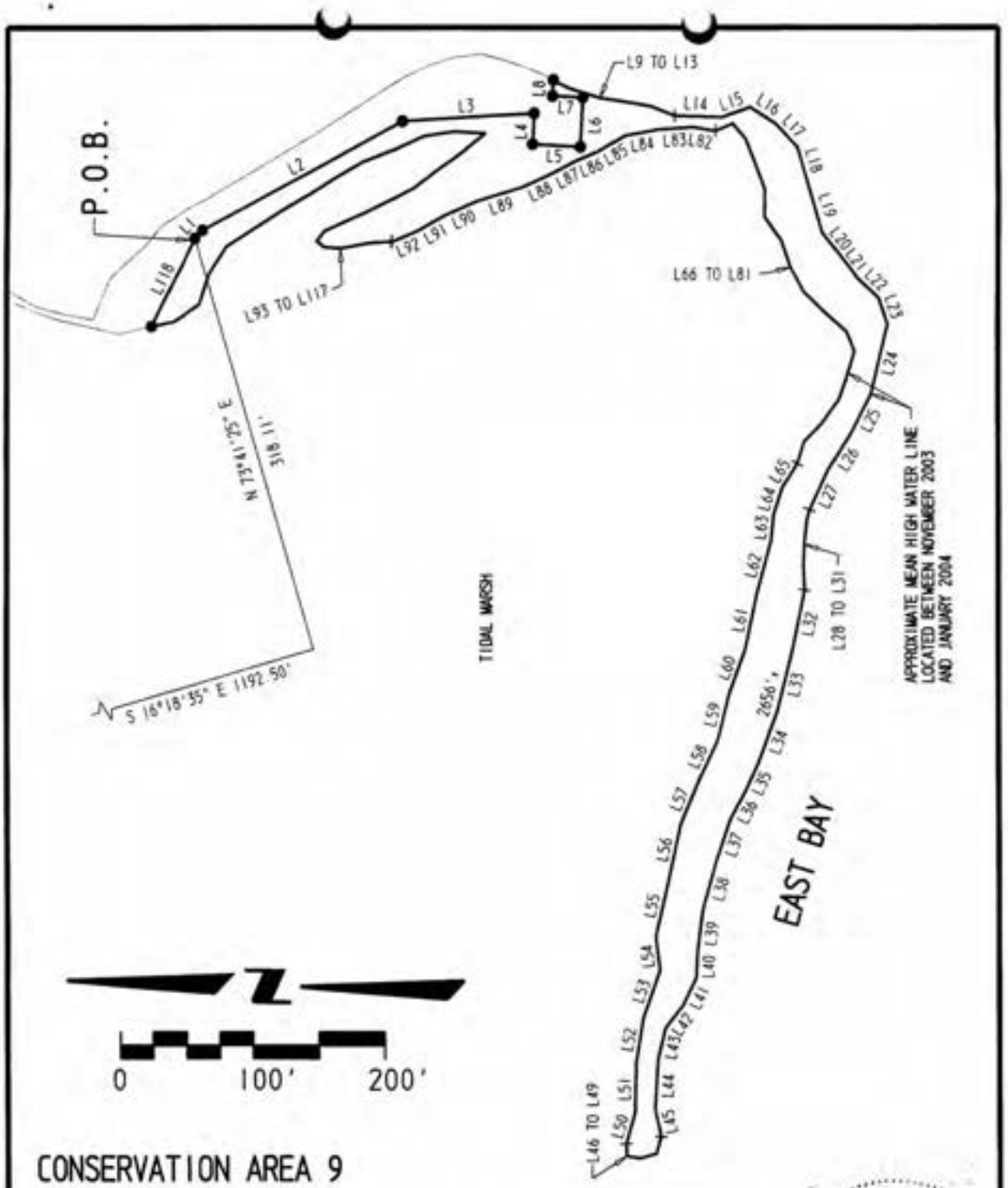
THE UNDERSIGNED W. TODD TINDELL FLORIDA LAND SURVEYOR NO 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY SCALE 1" = 200'
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS F.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W JOB NO. 9682
ELEVATION REFERENCE SHEET NO. 25 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CONS-



CONSERVATION AREA 9

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2172

PLAT OF BOUNDARY SURVEY — SCALE 1" = 100'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 26 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE - LAYER CODE: CONS-

LINE	BEARING	DISTANCE
1	S 45°51'41" E	8.24'
2	S 28°04'30" E	170.88'
3	S 03°18'15" E	99.16'
4	N 86°55'41" W	22.63'
5	S 03°04'19" W	36.00'
6	S 86°55'41" E	36.00'
7	N 03°04'19" E	23.00'
8	S 86°55'41" E	11.65'
9	S 27°41'09" W	12.73'
10	S 16°34'27" W	25.01'
11	S 08°41'32" W	26.63'
12	S 10°07'42" W	13.47'
13	S 20°39'40" W	18.50'
14	S 01°43'41" W	35.34'
15	S 18°36'22" E	22.99'
16	S 32°40'42" W	23.23'
17	S 46°14'42" W	23.61'
18	S 73°37'30" W	23.12'
19	S 73°19'31" W	42.61'
20	S 51°43'56" W	30.51'
21	S 52°14'35" W	12.54'
22	S 42°46'10" W	21.81'
23	S 70°51'06" W	20.82'
24	N 76°30'38" W	53.18'
25	N 62°27'34" W	33.19'
26	N 57°41'15" W	32.48'
27	N 64°40'18" W	32.17'
28	N 77°01'08" W	8.09'
29	N 83°31'55" W	16.70'
30	N 86°58'10" W	17.19'
31	S 86°51'35" W	18.06'
32	N 78°13'39" W	45.88'
33	N 75°53'46" W	45.87'
34	N 69°43'27" W	41.50'
35	N 65°08'23" W	23.31'
36	N 61°35'43" W	23.85'
37	N 70°52'31" W	31.27'
38	N 74°19'17" W	39.12'
39	N 82°40'29" W	31.31'
40	N 86°44'03" W	20.31'
41	N 64°25'03" W	23.04'
42	N 52°43'26" W	22.14'
43	N 76°22'36" W	24.09'
44	N 86°25'42" W	37.77'
45	S 77°58'48" W	21.24'
46	N 74°29'57" W	13.14'
47	N 14°52'07" W	13.46'
48	N 09°37'06" E	9.86'
49	N 87°30'47" E	9.10'
50	S 73°59'21" E	23.98'
51	S 88°25'49" E	37.69'
52	S 80°42'04" E	35.34'
53	S 70°10'08" E	38.11'
54	N 83°16'32" E	25.73'
55	S 76°51'21" E	45.42'
56	S 77°39'37" E	40.53'
57	S 67°03'48" E	35.33'
58	S 64°58'09" E	33.54'
59	S 75°36'09" E	36.10'

LINE	BEARING	DISTANCE
60	S 70°10'12" E	35.38'
61	S 78°03'37" E	40.88'
62	S 74°46'21" E	40.76'
63	S 84°28'39" E	19.80'
64	S 72°02'10" E	20.33'
65	S 57°20'01" E	21.75'
66	S 72°54'07" E	16.84'
67	S 45°28'04" E	19.46'
68	S 54°47'12" E	21.10'
69	S 69°56'15" E	17.25'
70	S 73°06'47" E	20.91'
71	N 67°16'25" E	15.63'
72	N 41°58'02" E	21.77'
73	N 43°29'05" E	22.60'
74	N 61°30'01" E	20.50'
75	N 70°27'37" E	21.05'
76	N 54°27'56" E	21.30'
77	N 89°50'29" E	20.80'
78	N 68°39'50" E	22.67'
79	N 67°53'52" E	17.85'
80	N 48°57'30" E	14.15'
81	N 22°13'17" W	14.15'
82	N 08°29'31" E	17.40'
83	N 03°47'33" W	26.32'
84	N 09°51'18" W	25.62'
85	N 29°43'12" W	23.54'
86	N 21°54'01" W	18.14'
87	N 27°33'54" W	20.31'
88	N 24°26'49" W	24.88'
89	N 17°02'28" W	35.25'
90	N 23°29'23" W	26.18'
91	N 29°52'15" W	23.03'
92	N 22°05'39" W	21.52'
93	N 02°28'11" W	15.16'
94	N 09°58'52" W	24.08'
95	N 04°27'28" E	12.27'
96	N 38°33'14" E	7.26'
97	S 51°54'16" E	9.32'
98	S 24°28'43" E	17.32'
99	S 23°52'00" E	17.82'
100	S 25°34'16" E	18.69'
101	S 26°26'20" E	20.63'
102	S 36°42'11" E	19.73'
103	S 34°52'31" E	23.52'
104	S 38°52'21" E	24.16'
105	N 03°06'44" E	23.25'
106	N 08°09'52" W	23.05'
107	N 23°37'28" W	22.74'
108	N 20°59'39" W	26.63'
109	N 29°16'10" W	23.86'
110	N 31°54'56" W	23.30'
111	N 29°58'51" W	23.79'
112	N 32°48'41" W	24.25'
113	N 32°42'00" W	25.95'
114	N 56°58'53" W	24.90'
115	N 72°25'22" W	22.90'
116	N 34°37'25" W	23.01'
117	N 11°29'38" W	17.14'
118	S 63°38'52" E	73.22'

CONSERVATION AREA 9

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 27 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE ; LAYER CODE: CONS

DESCRIPTION OF CONSERVATION AREA 9: COMMENCE AT THE NORTHWEST CORNER OF LOT 88, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST ALONG THE WESTERLY LINE OF SAID LOT 88 AND A SOUTHEASTERLY EXTENSION THEREOF FOR 1192.50 FEET; THENCE NORTH 73 DEGREES 41 MINUTES 25 SECONDS EAST FOR 318.11 FEET TO THE POINT OF BEGINNING. THENCE SOUTH 45 DEGREES 51 MINUTES 41 SECONDS EAST FOR 8.24 FEET; THENCE SOUTH 28 DEGREES 04 MINUTES 30 SECONDS EAST FOR 170.88 FEET; THENCE SOUTH 03 DEGREES 18 MINUTES 15 SECONDS EAST FOR 99.16 FEET; THENCE NORTH 86 DEGREES 55 MINUTES 41 SECONDS WEST FOR 22.63 FEET; THENCE SOUTH 03 DEGREES 04 MINUTES 19 SECONDS WEST FOR 36.00 FEET; THENCE SOUTH 86 DEGREES 55 MINUTES 41 SECONDS EAST FOR 36.00 FEET; THENCE NORTH 03 DEGREES 04 MINUTES 19 SECONDS EAST FOR 23.00 FEET; THENCE SOUTH 86 DEGREES 55 MINUTES 41 SECONDS EAST FOR 12 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF LAIRD BAYOU; THENCE MEANDER CLOCKWISE ALONG THE MEAN HIGH WATER LINE OF SAID LAIRD BAYOU, ALONG THE MEAN HIGH WATER LINE OF EAST BAY, AND ALONG THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY FOR 2656 FEET, MORE OR LESS, TO A LINE THAT BEARS NORTH 63 DEGREES 38 MINUTES 52 SECONDS WEST FROM THE POINT OF BEGINNING; THENCE SOUTH 63 DEGREES 38 MINUTES 52 SECONDS EAST ALONG SAID LINE FOR 73 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 9

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

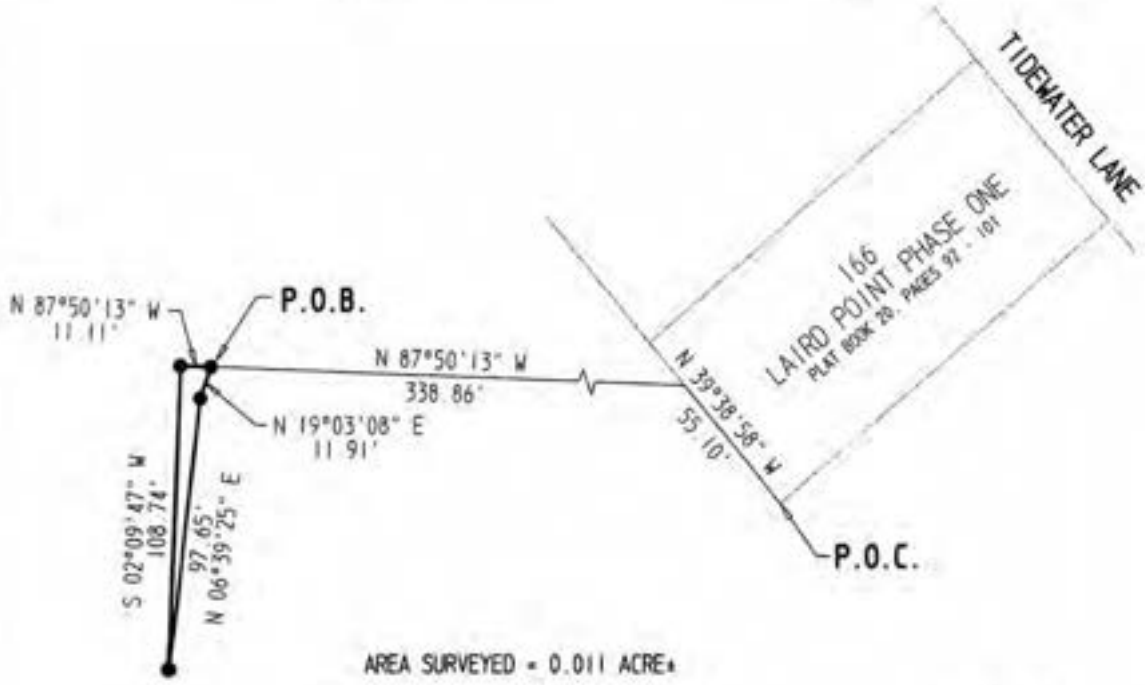
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2172

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 28 OF 32

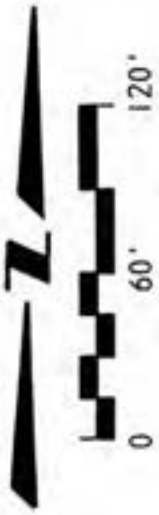
W. TODD TINDELL

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE - LAYER CODE: CONS



AREA SURVEYED = 0.011 ACRE±



DESCRIPTION OF CONSERVATION AREA 10: COMMENCE AT THE MOST SOUTHERLY CORNER OF LOT 166, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTH 39 DEGREES 38 MINUTES 58 SECONDS WEST ALONG THE SOUTHWESTERLY LINE OF SAID LOT 166 FOR 55.10 FEET; THENCE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 338.86 FEET TO THE POINT OF BEGINNING. THENCE CONTINUE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 11.11 FEET; THENCE SOUTH 02 DEGREES 09 MINUTES 47 SECONDS WEST FOR 108.74 FEET; THENCE NORTH 06 DEGREES 39 MINUTES 25 SECONDS EAST FOR 97.65 FEET; THENCE NORTH 19 DEGREES 03 MINUTES 08 SECONDS EAST FOR 11.91 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA 10

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

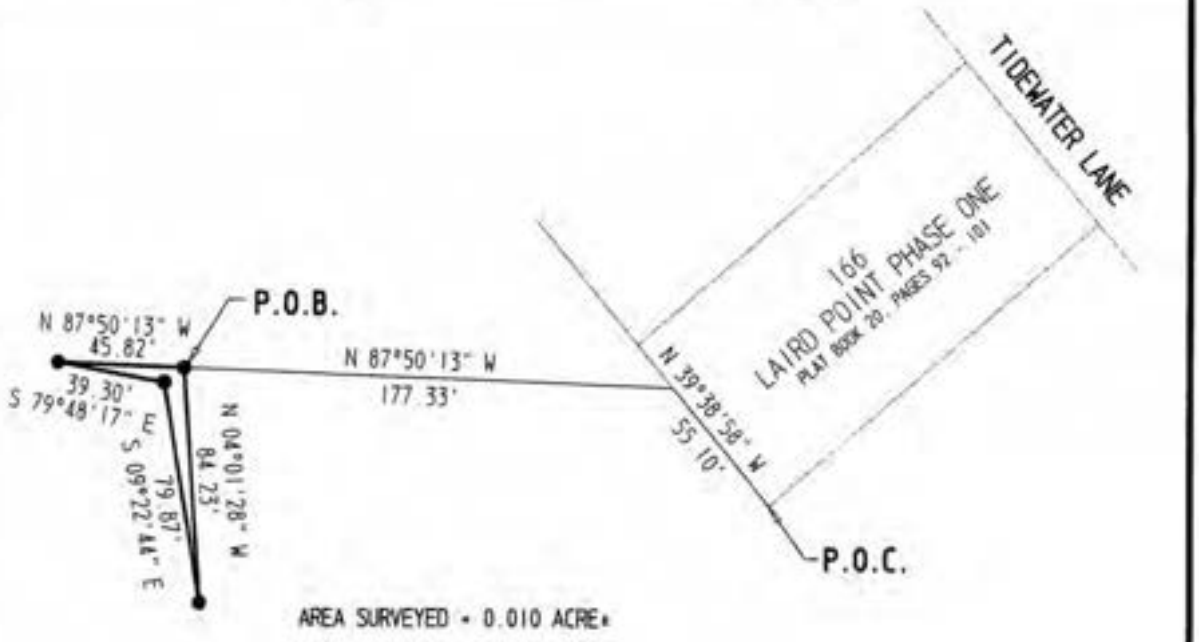
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 60'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 29 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP PLOT: 9682-CONSERVE LAYER CODE: CONS-



DESCRIPTION OF CONSERVATION AREA II: COMMENCE AT THE MOST SOUTHERLY CORNER OF LOT 166, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE NORTH 39 DEGREES 38 MINUTES 58 SECONDS WEST ALONG THE SOUTHWESTERLY LINE OF SAID LOT 166 FOR 55.10 FEET; THENCE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 177.33 FEET TO THE POINT OF BEGINNING. THENCE CONTINUE NORTH 87 DEGREES 50 MINUTES 13 SECONDS WEST FOR 45.82 FEET; THENCE SOUTH 79 DEGREES 48 MINUTES 17 SECONDS EAST FOR 39.30 FEET; THENCE SOUTH 09 DEGREES 22 MINUTES 44 SECONDS EAST FOR 79.87 FEET; THENCE NORTH 04 DEGREES 01 MINUTE 28 SECONDS WEST FOR 84.23 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

CONSERVATION AREA II

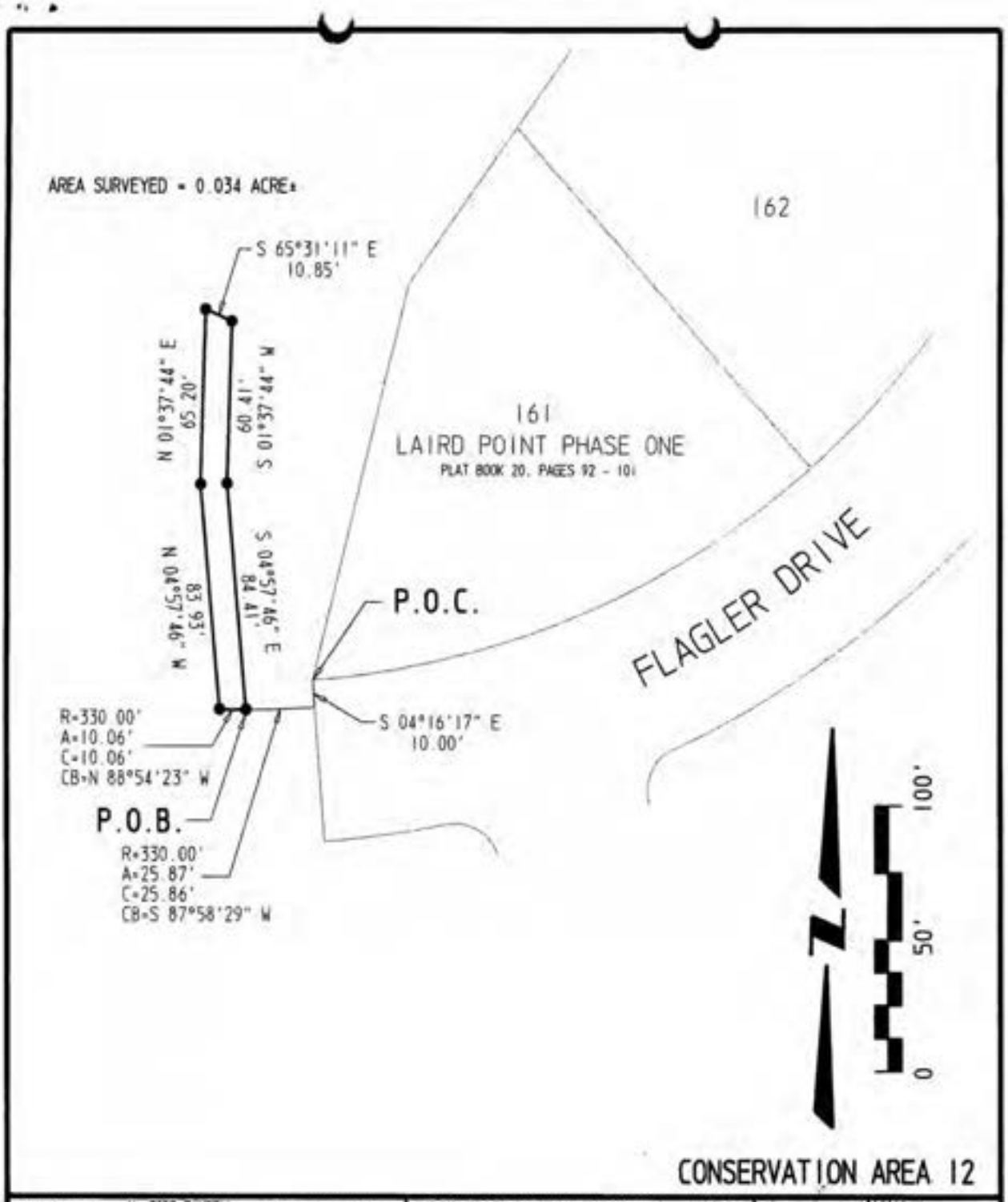
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 60'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 30 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CONE.DWG



THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 6958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF BOUNDARY SURVEY — SCALE 1" = 50'
SURVEYED 2-12-08 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 31 OF 32

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: CON12-

DESCRIPTION OF CONSERVATION AREA 12: COMMENCE AT THE INTERSECTION OF THE SOUTHEAST CORNER OF LOT 161 WITH THE NORTH RIGHT OF WAY LINE OF FLAGLER DRIVE, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 04 DEGREES 16 MINUTES 17 SECONDS EAST ALONG THE WEST RIGHT OF WAY LINE OF SAID FLAGLER DRIVE FOR 10.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 330.00 FEET; THENCE WESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 25.87 FEET, THE CHORD OF SAID ARC BEARING SOUTH 87 DEGREES 58 MINUTES 29 SECONDS WEST FOR 25.86 FEET TO THE POINT OF BEGINNING. THENCE CONTINUE WESTERLY ALONG SAID CURVE, HAVING A RADIUS OF 330.00 FEET, FOR AN ARC DISTANCE OF 10.06 FEET; THE CHORD OF SAID ARC BEARING NORTH 88 DEGREES 54 MINUTES 23 SECONDS WEST FOR 10.06 FEET; THENCE NORTH 04 DEGREES 57 MINUTES 46 SECONDS WEST FOR 83.93 FEET; THENCE NORTH 01 DEGREE 37 MINUTES 44 SECONDS EAST FOR 65.20 FEET; THENCE SOUTH 65 DEGREES 31 MINUTES 11 SECONDS EAST FOR 10.85 FEET; THENCE SOUTH 01 DEGREE 37 MINUTES 44 SECONDS WEST FOR 60.41 FEET; THENCE SOUTH 04 DEGREES 57 MINUTES 46 SECONDS EAST FOR 84.41 FEET TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

THE UNDERSIGNED W. TODD TINDELL, FLORIDA LAND SURVEYOR NO 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2572

PLAT OF BOUNDARY SURVEY — SCALE N/A
SURVEYED 2-12-08 DRAWN 2-12-08 IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO 9682
ELEVATION REFERENCE — SHEET NO. 32 OF 32

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERV LAYER NAME: CON12-

CONSERVATION EASEMENT
DOCUMENT 2

File # 2010037700, OR BK 3256 Page 85, Recorded 07/23/2010 at 11:17 AM, Bill Kinsaul, Clerk Bay County, Florida Deputy Clerk GB Trans # 995125

Return to:
Department of Environmental Protection
160 Governmental Center
Pensacola FL, 32501
Andy Joslyn

CONSERVATION EASEMENT

THIS CONSERVATION EASEMENT is given this 11th day of March 2010, by LAIRD POINT INVESTORS, LLC, a Florida limited liability company, having an address at 36468 Emerald Coast Parkway, Suite 1201, Destin, Florida 32541 (Grantor) to the BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA (BOARD OF TRUSTEES), whose address is Department of Environmental Protection, Division of State Lands, 3900 Commonwealth Boulevard, Mail Station 130, Tallahassee, Florida 32399-3000. As used herein, the term Grantor shall include any and all heirs, successors or assigns of the Grantor, and all subsequent owners of the Property (as hereinafter defined) and the term BOARD OF TRUSTEES shall include any successor or assignee of the BOARD OF TRUSTEES.

WITNESSETH

WHEREAS, the Grantor is the sole owner in fee simple of certain lands situated in Bay County, Florida, more specifically described in Exhibit A attached hereto and incorporated herein (Property);

WHEREAS, the Grantor desires to construct a private residential multi-family docking facility on sovereignty submerged lands adjacent to the Property as authorized by Board of Trustees' Sovereignty Submerged Land Consent of Use and Permit No. 03-0245341-004-DF in accordance with Chapter 253 [and 258], Florida Statutes; and

WHEREAS, the Board of Trustees' sovereignty submerged lands authorization for construction and/or operation of the Project requires a conservation easement in accordance with rule 18-21.004(4)(c) and (g) [and rule 18-20.00(5)(c)1], F.A.C.

NOW THEREFORE, in consideration of the above and the mutual covenants, terms, conditions and restrictions contained herein, together with other good and valuable consideration, the adequacy and receipt of which is hereby acknowledged, Grantor hereby voluntarily grants and conveys a perpetual conservation easement, as defined in Section 704.06, Florida Statutes, for and in favor of the BOARD OF TRUSTEES upon the Property which shall run with the land and be binding upon the Grantor, and shall remain in full force and effect forever.

The scope, nature and character of this conservation easement shall be as follows:

1. Purpose. The purpose of this conservation easement is to limit the Grantor's use of riparian rights to construct and operate any docks, piers or other structures on the Property in excess of the access pier, fishing piers, and the maximum slip and preempted area limits as authorized by the Board of Trustees Sovereignty Submerged Land Consent of Use and Permit No. 03-0245341-004-

DF between the Board of Trustees as lessor and LAIRD POINT INVESTORS, LLC as the lessee and any future modifications.

2. Rights of the BOARD OF TRUSTEES. To carry out this purpose, the following rights are conveyed to the BOARD OF TRUSTEES by this easement:

a. The right to prevent any activity on or use of the Property that is inconsistent with the purpose of this conservation easement;

b. The right to access, enter upon, and inspect the Property in a reasonable manner and at reasonable times to determine if Grantor or its successors and assigns are complying with the covenants and prohibitions contained in this conservation easement; and

c. The right to enforce this conservation easement by injunction or proceed at law or in equity to enforce the provisions of this conservation easement and the covenants set forth herein, to prevent the occurrence of any of the prohibited activities hereinafter set forth, and the right to require Grantor to restore such areas or features of the Property that may be damaged by any inconsistent activity or use.

3. Prohibited Uses. This conservation easement prohibits the construction and operation of any additional docks, piers, or other structures that would originate from or cross the easement and extend onto state-owned submerged land in excess of the maximum slip and preempted area limits as authorized by the Board of Trustees Sovereignty Submerged Land Consent of Use and Permit No. 03-0245341-004-DF between the Board of Trustees as lessor and LAIRD POINT INVESTORS, LLC as the lessee and any future modifications. Nothing herein shall preclude modification within the lease area if the modification does not change the use, does not increase the preempted area, and is otherwise consistent with the conditions of the lease. Any activity on or use of the Property inconsistent with the purpose of this conservation easement also is expressly prohibited.

4. Riparian Rights. This conservation easement shall not affect the Grantor's rights to reasonable ingress and egress from the property by means other than as restricted by this conservation easement.

5. Reserved Rights. Grantor reserves to itself, its successors or assigns all rights as owner of the Property, including the right to engage in uses of the Property that are not prohibited herein, nor inconsistent with the intent and purposes of this conservation easement.

6 Public Access. No right of access by the general public to any portion of the Property is conveyed by this conservation easement.

7. Responsibilities of Parties. Grantor, its successors or assigns, shall take responsibility for any costs or liabilities related to the operation, upkeep or maintenance of the Property. In addition, the BOARD OF TRUSTEES and its successors or assigns shall have no responsibility for any costs or liabilities related to the operation, upkeep or maintenance of the Property.

8. Taxes. Grantor, its successors or assigns, shall pay before delinquency any and all taxes, assessments, fees, and charges of whatever description levied on or assessed by competent authority on the Property, and shall furnish the BOARD OF TRUSTEES with satisfactory evidence of payment upon request

9. Liability. Grantor, its successors or assigns, will assume all liability for any injury or damage to the person or property of third parties which may occur on the Property arising from ownership of the Property by the Grantor, its successors or assigns. Neither Grantor, its successors or assigns, nor any person or entity claiming by or through Grantor its successors or assigns, shall hold the BOARD OF TRUSTEES liable for any damage or injury to person or personal property which may occur on the Property. Furthermore, the Grantor, its successors or assigns shall indemnify and hold harmless the BOARD OF TRUSTEES for all liability, any injury or damage to the person or property of third parties which may occur on the Property.

10. Hazardous Waste. Grantor covenants and represents that to the best of Grantor's knowledge no hazardous substance or toxic waste exists nor has been generated, treated, stored, used, disposed of, or deposited in or on the Property, and that there are not now any underground storage tanks located on the Property. Grantor, its successors or assigns, further indemnify the BOARD OF TRUSTEES for any and all liability arising from any subsequent placement or discovery of hazardous or toxic material on the property. In the event such material is discovered, Grantor, its successors or assigns, shall be responsible for the removal of the materials following coordination and written approval of the BOARD OF TRUSTEES.

11. Enforcement Discretion. Enforcement of the terms, provisions and restrictions of this conservation easement shall be at the reasonable discretion of the BOARD OF TRUSTEES, and any forbearance on behalf of the BOARD OF TRUSTEES to exercise its rights hereunder in the event of any breach by Grantor, shall not be deemed or construed to be a waiver of BOARD OF TRUSTEES' rights.

12. Venue and Enforcement Costs. Venue to enforce the terms of this conservation easement shall be in Leon County, Florida. If the BOARD OF TRUSTEES prevails in an enforcement action, it shall be entitled to recover costs, including expert witness fees, as well as the reasonable cost of removing any authorized structures from the Property. These remedies are in addition to any other remedy, fine or penalty which may be applicable under Chapter 253, Florida Statute.

13. Assignment of Rights. BOARD OF TRUSTEES will hold this conservation easement exclusively for conservation purposes. BOARD OF TRUSTEES will not assign its rights and obligations under this conservation easement except to another organization qualified to hold such interests under applicable state laws.

14. Recording in Land Records. Grantor shall record this conservation easement and any amendments hereto in a timely fashion in the Official Records of Bay County, Florida. Grantor shall pay all recording costs and taxes necessary to record this conservation easement in the public records.

15. Successors. The covenants, terms, conditions and restrictions of this conservation easement shall be binding upon, and inure to the benefit of the parties hereto and their respective personal representatives, heirs, successors and assigns and shall continue as a servitude running in perpetuity with the Property.

16. Notices. All notices, consents, approvals or other communications hereunder shall be in writing and shall be deemed properly given if sent by United States certified mail, return receipt requested, addressed to the appropriate party or successor-in-interest.

17. Subsequent Deeds. Grantor shall reference the conservation easement by Official Records book and page in any subsequent deed or other legal instrument by which Grantor divests itself of

any interest in the Property. Grantor further agrees to give written notice to the BOARD OF TRUSTEES of the transfer of any interest at least twenty days prior to the date of such transfer. The failure of Grantor to perform any act required by this paragraph shall not impair the validity of this conservation easement or limit its enforceability in any way.

18. Severability. If any provision of this conservation easement or the application thereof to any person or circumstances is found to be invalid, the remainder of the provisions of this conservation easement shall not be affected thereby, as long as the purpose of the conservation easement is preserved.

19. Alteration or Revocation. This conservation easement may be amended, altered, released or revoked only by written agreement between the parties hereto or their heirs, assigns or successors-in-interest, which shall be filed in the public records in Bay County.

20. Controlling Law. The interpretation and performance of this conservation easement shall be governed by the laws of the State of Florida.

TO HAVE AND TO HOLD unto the BOARD OF TRUSTEES forever. The covenants, terms, conditions, restrictions and purpose imposed with this conservation easement shall be binding upon Grantor, and shall continue as a servitude running in perpetuity with the Property.

Grantor hereby covenants with said BOARD OF TRUSTEES that Grantor is lawfully seized of said Property in fee simple; that the Property is free and clear of all encumbrances that are inconsistent with the terms of this conservation easement and all mortgages have been joined or subordinated; that Grantor has good right and lawful authority to convey this conservation easement; and that it hereby fully warrants and defends the title to the conservation easement hereby conveyed against the lawful claims of all persons whomsoever.

IN WITNESS WHEREOF, the Grantor has executed this Conservation Easement on the day and year first above written.

Signed, sealed and delivered
in our presence as witnesses:

Signature of Witness

Printed/Typed Name

Signature of Witness

Printed/Typed Name

LAIRD POINT INVESTORS, LLC

By: _____
Kathleen McLean, Managing Member

STATE OF Florida
COUNTY OF Okaloosa

The foregoing instrument was acknowledged before me this 11 day of March, 2010, by Kathleen McLean as Managing Member of LAIRD POINT INVESTORS, LLC. He/she is personally known to me or has produced _____ as identification.

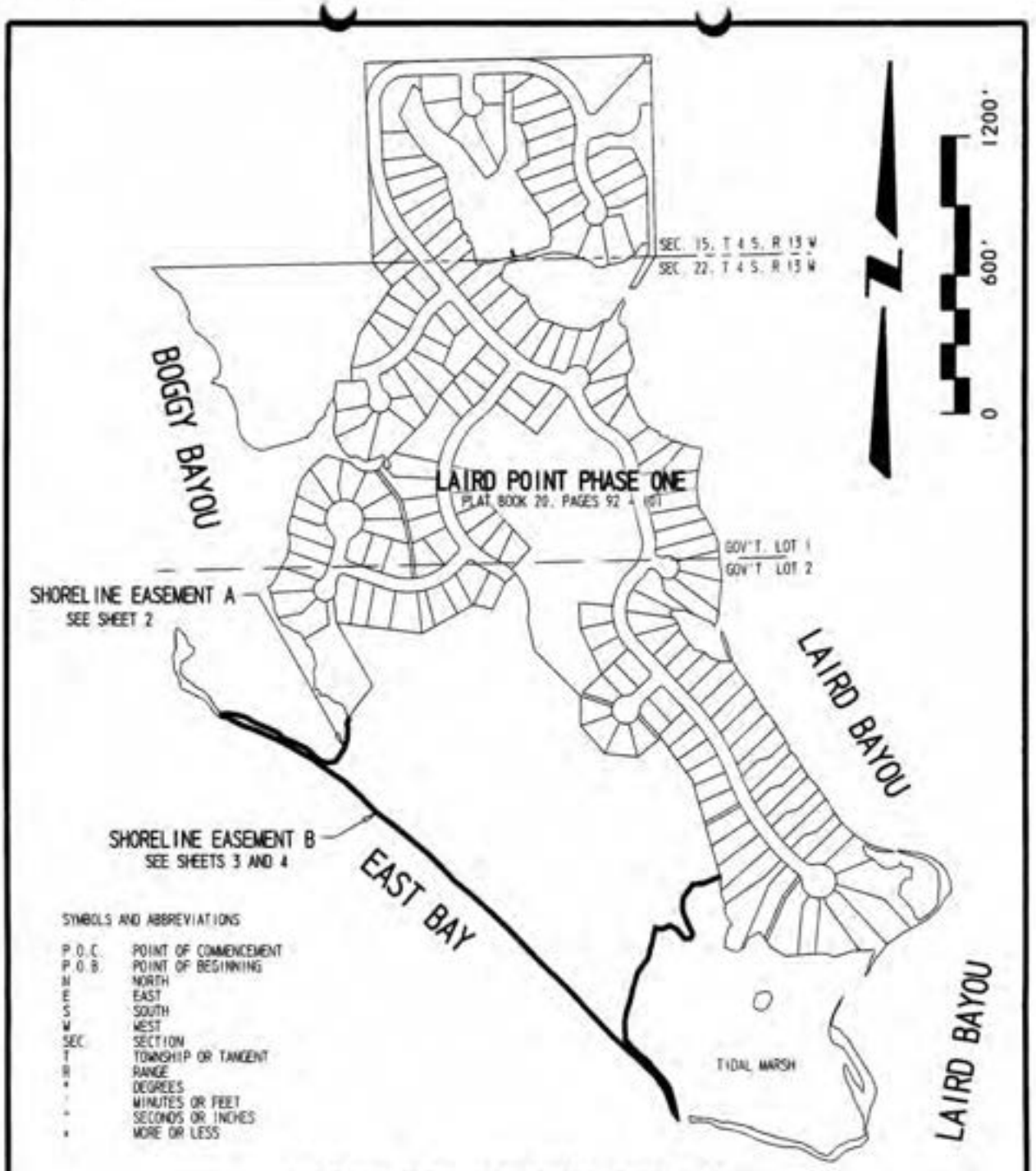
(SEAL)

Notary Public Signature

PEGGY S. OWENS
Commission DD 719077
Expires December 26, 2011

Printed/Typed Name of Notary

Commission No. _____
Commission Expires _____



SHORELINE EASEMENT KEY MAP

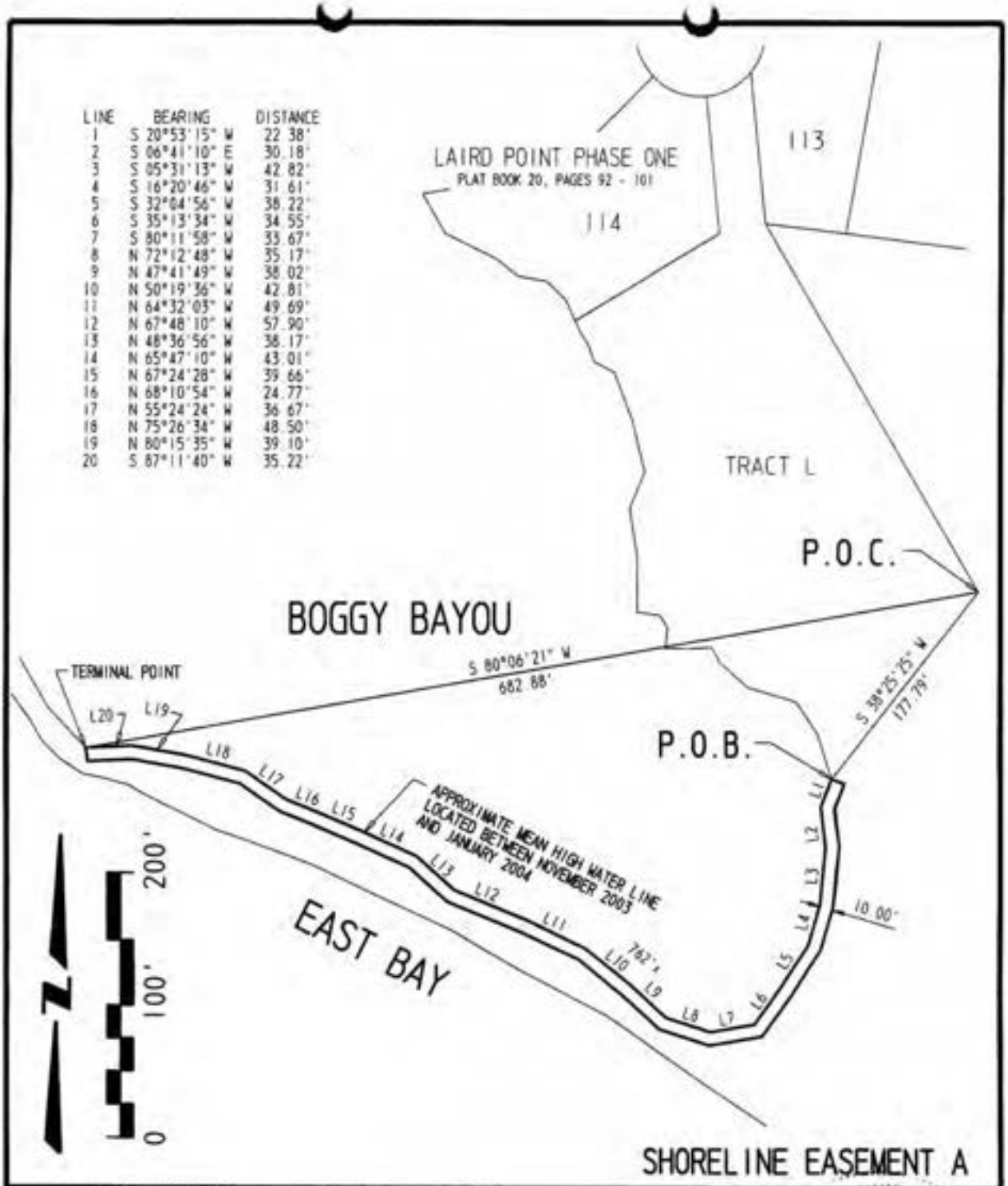
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

PLAT OF SKETCH OF DESCRIPTION — SCALE 1" = 600'
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 1 OF 5

HP FILE: 9682-CONSERVE LAYER CODE: SHORE-CO



LINE	BEARING	DISTANCE
1	S 20°53'15" W	22.38'
2	S 06°41'10" E	30.18'
3	S 05°31'13" W	42.82'
4	S 16°20'46" W	31.61'
5	S 32°04'56" W	38.22'
6	S 35°13'34" W	34.55'
7	S 80°11'58" W	33.67'
8	N 72°12'48" W	35.17'
9	N 47°41'49" W	38.02'
10	N 50°19'36" W	42.81'
11	N 64°32'03" W	49.69'
12	N 67°48'10" W	57.90'
13	N 48°36'56" W	38.17'
14	N 65°47'10" W	43.01'
15	N 67°24'28" W	39.66'
16	N 68°10'54" W	24.77'
17	N 55°24'24" W	36.67'
18	N 75°26'34" W	48.50'
19	N 80°15'35" W	39.10'
20	S 87°11'40" W	35.22'

SHORELINE EASEMENT A

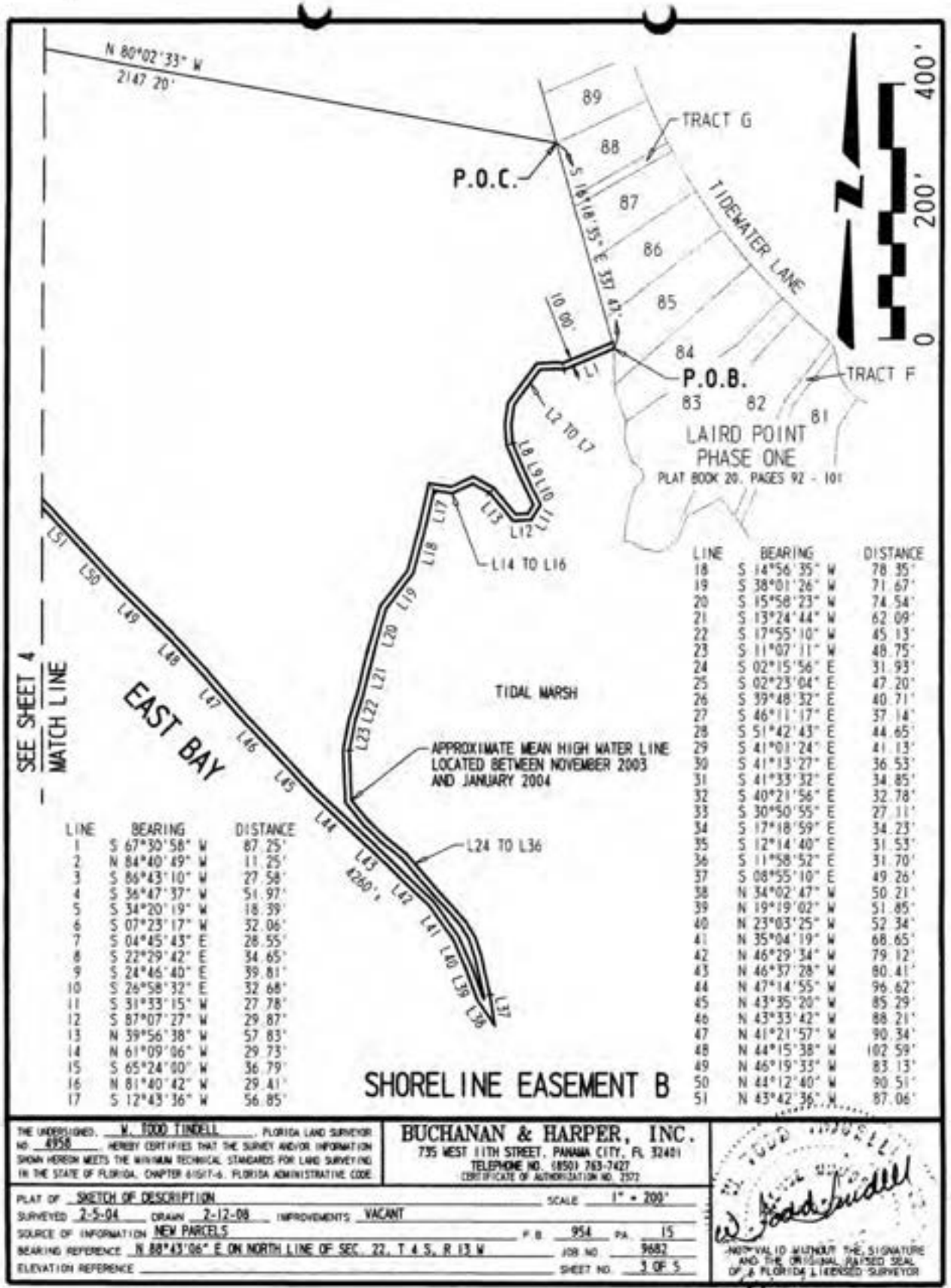
THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SKETCH OF DESCRIPTION — SCALE 1" = 100'
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 2 OF 5

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682-CONSERVE LAYER CODE: SHORA-



LINE	BEARING	DISTANCE
1	S 67°30'58" W	87.25'
2	N 84°40'49" W	11.25'
3	S 86°43'10" W	27.58'
4	S 36°47'37" W	51.97'
5	S 34°20'19" W	18.39'
6	S 07°23'17" W	32.06'
7	S 04°45'43" E	28.55'
8	S 22°29'42" E	34.65'
9	S 24°46'40" E	39.81'
10	S 26°58'32" E	32.68'
11	S 31°33'15" W	27.78'
12	S 87°07'27" W	29.87'
13	N 39°56'38" W	57.83'
14	N 61°09'06" W	29.73'
15	S 65°24'00" W	36.79'
16	N 81°40'42" W	29.41'
17	S 12°43'36" W	56.85'

LINE	BEARING	DISTANCE
18	S 14°56'35" W	78.35'
19	S 38°01'26" W	71.67'
20	S 15°58'23" W	74.54'
21	S 13°24'44" W	62.09'
22	S 17°55'10" W	45.13'
23	S 11°07'11" W	48.75'
24	S 02°15'56" E	31.93'
25	S 02°23'04" E	47.20'
26	S 39°48'32" E	40.71'
27	S 46°11'17" E	37.14'
28	S 51°42'43" E	44.65'
29	S 41°01'24" E	41.13'
30	S 41°13'27" E	36.53'
31	S 41°33'32" E	34.85'
32	S 40°21'56" E	32.78'
33	S 30°50'55" E	27.11'
34	S 17°18'59" E	34.23'
35	S 12°14'40" E	31.53'
36	S 11°58'52" E	31.70'
37	S 08°55'10" E	49.26'
38	N 34°02'47" W	50.21'
39	N 19°19'02" W	51.85'
40	N 23°03'25" W	52.34'
41	N 35°04'19" W	68.65'
42	N 46°29'34" W	79.12'
43	N 46°37'28" W	80.41'
44	N 47°14'55" W	96.62'
45	N 43°35'20" W	85.29'
46	N 43°33'42" W	88.21'
47	N 41°21'57" W	90.34'
48	N 44°15'38" W	102.59'
49	N 46°19'35" W	83.13'
50	N 44°12'40" W	90.51'
51	N 43°42'36" W	87.06'

SHORELINE EASEMENT B

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958 HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

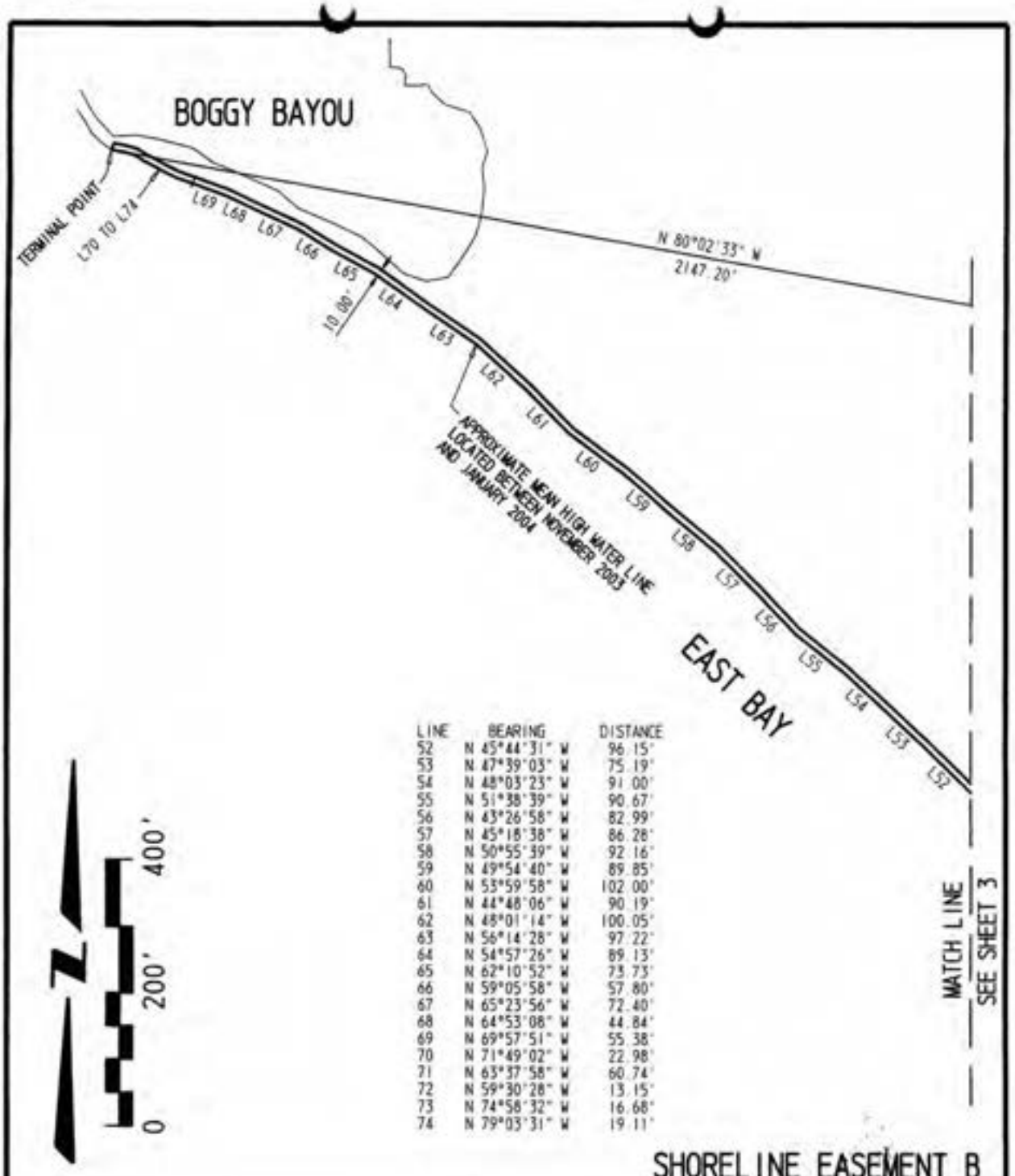
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2572

PLAT OF SKETCH OF DESCRIPTION — SCALE 1" = 200'
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 5 OF 5

W. Todd Tindell

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9682 - CONSERVE LAYER CODE: SHORE1-



LINE	BEARING	DISTANCE
52	N 45°44'31" W	96.15'
53	N 47°39'03" W	75.19'
54	N 48°03'23" W	91.00'
55	N 51°38'39" W	90.67'
56	N 43°26'58" W	82.99'
57	N 45°18'38" W	86.28'
58	N 50°55'39" W	92.16'
59	N 49°54'40" W	89.85'
60	N 53°59'58" W	102.00'
61	N 44°48'06" W	90.19'
62	N 48°01'14" W	100.05'
63	N 56°14'28" W	97.22'
64	N 54°57'26" W	89.13'
65	N 62°10'52" W	73.73'
66	N 59°05'58" W	57.80'
67	N 65°23'56" W	72.40'
68	N 64°53'08" W	44.84'
69	N 69°57'51" W	55.38'
70	N 71°49'02" W	22.98'
71	N 63°37'58" W	60.74'
72	N 59°30'28" W	13.15'
73	N 74°58'32" W	16.68'
74	N 79°03'31" W	19.11'

SHORELINE EASEMENT B

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SKETCH OF DESCRIPTION — SCALE 1" = 200'
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — F.B. 954 — PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 4 OF 5

W. TODD TINDELL
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

MP FILE: 9682-CONSERVE, LAYER CODE: SHORE2-

FOR: FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

DESCRIPTION OF SHORELINE EASEMENT A: A 10-FOOT WIDE EASEMENT LANDWARD OF AND PARALLEL WITH THAT PORTION OF THE MEAN HIGH WATER LINE OF BOGGY BAYOU DESCRIBED AS FOLLOWS: COMMENCE AT THE MOST EASTERLY CORNER OF TRACT L, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 38 DEGREES 25 MINUTES 25 SECONDS WEST ALONG THE SOUTHEASTERLY LINE OF SAID TRACT L FOR 178 FEET, MORE OR LESS, TO SAID MEAN HIGH WATER LINE OF BOGGY BAYOU FOR THE POINT OF BEGINNING. THENCE SOUTHERLY AND WESTERLY ALONG SAID MEAN HIGH WATER LINE FOR 762 FEET, MORE OR LESS, TO THE TERMINAL POINT OF SAID EASEMENT, SAID POINT BEING LOCATED SOUTH 80 DEGREES 06 MINUTES 21 SECONDS WEST FOR 682.88 FEET FROM THE POINT OF COMMENCEMENT. SAID EASEMENT LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

DESCRIPTION OF SHORELINE EASEMENT B: A 10-FOOT WIDE EASEMENT LANDWARD OF AND PARALLEL WITH THAT PORTION OF THE MEAN HIGH WATER LINE OF EAST BAY AND THAT PORTION OF THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY DESCRIBED AS FOLLOWS: COMMENCE AT THE NORTHWEST CORNER OF LOT 88, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST ALONG THE WESTERLY LINE OF SAID LOT 88 AND A SOUTHEASTERLY EXTENSION THEREOF FOR 337 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY; THENCE MEANDER CLOCKWISE ALONG SAID MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY AND ALONG THE MEAN HIGH WATER LINE OF EAST BAY FOR 4260 FEET, MORE OR LESS, TO THE TERMINAL POINT OF SAID EASEMENT, SAID POINT BEING LOCATED NORTH 80 DEGREES 02 MINUTES 33 SECONDS WEST FOR 2147.20 FEET FROM THE POINT OF COMMENCEMENT. SAID EASEMENT LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FL 32401
TELEPHONE NO. (850) 763-7427
CERTIFICATE OF AUTHORIZATION NO. 2372

PLAT OF SKETCH OF DESCRIPTION — SCALE N/A
SURVEYED 2-5-04 — DRAWN 2-12-08 — IMPROVEMENTS VACANT
SOURCE OF INFORMATION NEW PARCELS — P.B. 954 PG. 15
BEARING REFERENCE N 88°43'06" E ON NORTH LINE OF SEC. 22, T 4 S, R 13 W — JOB NO. 9682
ELEVATION REFERENCE — SHEET NO. 5 OF 5

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9682-CONSRVE LAYER CODE: SHORA-

EASMENT DOCUMENTS

EASEMENT DOCUMENT 1

File # 2005005267, OR BK 2554 Page 839, Recorded 01/20/2005 at 03:06 PM,
Harold Bazzel, Clerk Bay County, Florida Doc. D $0.70 Deputy Clerk DS Trans
658147

THIS INSTRUMENT PREPARED BY:
Brian D. Lasbrick, Esq.
BARRON, REDDING, HUGHES, FITE,
FENSOM, SANBORN & KIESS, P.A.
220 McKenzie Avenue
Panama City, Florida 32401-3129

RESERVED FOR USE BY CLERK OF COURT

EASEMENT AGREEMENT

THIS EASEMENT AGREEMENT (this "Agreement") is made and entered into on this 17th day of September, 2004, by and between, LAIRD POINT, LLC, a Georgia limited liability company ("Grantor"), and JULIE A. CARROLL and husband, STEPHEN W. DYKES, and MICHELLE L. OUIMETTE (collectively, "Grantee").

IN CONSIDERATION of Ten and No/100 Dollars ($10.00) and other good and valuable consideration, the receipt and sufficiency of which is acknowledged and agreed, the parties hereto agree as follows:

1. **Background Facts.** The following facts are true and correct and form the basis for this Agreement:

   A. Grantor is the owner of a private road more particularly described in Exhibit "A" attached hereto and made a part hereof ("Private Road"). Grantee is the owner of property adjacent to the Private Road, as more particularly described in Exhibit "B" attached hereto and made a part hereof ("Adjacent Parcel").

   B. Grantee has requested that Grantor convey an easement over and across the Private Road for ingress, egress and utilities, and Grantor is willing to convey the easement subject the terms and conditions expressed herein.

2. **Grant of Easement.** Grantor hereby conveys to Grantee, their heirs, successors, assigns, licensees, invitees, employees and agents at no cost a perpetual non-exclusive easement for ingress, egress and utilities over, across and under the Private Road.

3. **Construction of Gate.** Grantor, at its sole cost and expense, may construct a gate at the entrance to the Private Road from Old Bicycle Road. If such gate is constructed, Grantor will provide Grantee with a reasonable means of access through such gate. In any event, Grantor will construct permanent signs at Old Bicycle Road at the entrance onto the private road informing the public that it is private with no outlet closed for through traffic.

4. **Potable water and sewer lines.** Grantor contemplates that it will construct potable water and sewer lines along the Private Road to be maintained and owned by the City of Callaway. It is contemplated that Grantees, their successors and assigns will have the right to access such utility lines pursuant to such rules as established by the City of Callaway from time to time. Grantor, at its sole cost and expense, will provide one (1) tap for the potable water line and one (1) tap for the sewer line at a location to be designated by the Grantee. Grantor shall use reasonable effort to ensure one or both of the lines run along the eastern boundary of the Private Road.

5. **Future Improvements.** Except as otherwise stated herein, Grantor shall not construct any above-ground improvements to the Private Road without obtaining Grantee's prior written approval.

6. **Restrictions on Adjacent Parcel.** Grantee, their successors and assigns, may develop, subdivide or convey portion(s) of the Adjacent Parcel. However, the Adjacent parcel, nor any portion thereof, shall, in the future, be developed as a mobile home, manufactured home, modular home or trailer park or development.

7. **Nature of Covenants.** It is expressly understood and agreed that the terms, covenants and conditions of this Agreement shall be and constitute covenants running with and binding upon the Private Road and Adjacent Parcel.

8. **Miscellaneous Provisions.**

A. Interpretation. This Agreement, and the exhibits or addenda to this Agreement, have been negotiated at arm's length by the parties hereto, and the parties mutually agree that for the purpose of construing the terms of this Agreement or exhibits or addenda, neither party shall be deemed responsible for the drafting of this Agreement.

B. Prior Agreements. This Agreement supersedes all prior agreements and constitutes the entire Agreement between the parties hereto with regard to the subject matter hereon. It may not be amended or modified except by an instrument executed by both parties.

C. Notice. Any notice, payment, request, instruction, or other document to be delivered hereunder shall be deemed sufficiently given if in writing and mailed by certified mail, return receipt requested, telefaxed or by overnight delivery to the last known address of the parties hereto, unless in each case a party or its successor has notified the other in writing of a different address.

D. Waiver. No delay or failure by either party to exercise any right hereunder, and no partial or single exercise of any such right, shall constitute a waiver of that or any other right, unless otherwise expressly provided herein.

E. Headings. Headings in this Agreement are for convenience and reference only and shall not be used to interpret or construe its provisions.

F. Gender. The use of any gender in this Agreement shall include all other genders. The singular shall include the plural.

G. Governing Law and Jurisdiction. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Jurisdiction and venue for any legal action brought in connection in any way with the terms and conditions of this Agreement or the performance or non-performance thereof shall be deemed proper only in the Circuit Court of Bay County, Florida.

H. Handwritten Provisions. Handwritten provisions inserted in or added to this Agreement shall control over the typed provisions in conflict therewith.

I. Binding Authority. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors, and assigns.

J. Attorneys Fees. In the event of any litigation pertaining in any way to this Agreement, the transactions contemplated hereby, or any other agreement related hereto, the prevailing party shall be entitled to the payment of its reasonable attorneys' fees and court costs incurred at all trial and appellate levels of the litigation by the non-prevailing party.

K. Severability. If any provisions of this Agreement or the application thereof to any person or circumstance shall be invalid or unenforceable to any extent, the remainder of this Agreement and the application of such provisions to other persons or circumstances shall not be affected thereby and shall be enforced to the greatest extent permitted by law, consistent with the purposes and intent of this Agreement.

L. Further Assurance. Each party hereto covenants and agrees that it will at any time and from time to time do such acts and execute, acknowledge and deliver, or cause to be executed, acknowledged and delivered, such documents as may be necessary or desirable in order to carry out fully and effectuate the transaction herein contemplated.

Witness: Donna L. Holland

Witness: Aimee Wolf

LAIRD POINT, LLC
By: Land Resource Group, Inc., its Manager

By:
Paul A. Beidel, EVP

STATE OF GEORGIA

COUNTY OF FULTON

The foregoing instrument was acknowledged before me this 17th day of September, 2004, by Paul A. Beidel, as Executive Vice President of Land Resource Group, Inc., the Manager of Laird Point, LLC, a Georgia limited liability company, on behalf of the limited liability company, who: (notary **must** check applicable line)

__✓__ is personally known to me.

____ produced a current Georgia driver's license as identification.

____ produced _____ as identification.

Marsha T. Lanier
Notary Public
My Commission Expires: 11-17-2006

Witness: MARY BOYD

JULIE A. CARROLL

Witness: ALBERT J. STOPKA III

STATE OF FLORIDA
COUNTY OF BAY

The foregoing instrument was acknowledged before me this 18th day of October, 2004, by Julie A. Carroll, who: (notary **must** check applicable line)

____ is personally known to me.

__X__ produced a current Florida driver's license as identification.

____ produced _____ as identification.

Albert J. Stopka, III
Commission # DD108125
Expires May 25, 2006
Bonded Thru
Atlantic Bonding Co., Inc.

Notary Public ALBERT J. STOPKA III
My Commission Expires: _____

Witness: MARY BOYD

STEPHEN W. DYKES

Witness: ALBERT J. STOPKA III

STATE OF FLORIDA
COUNTY OF BAY

The foregoing instrument was acknowledged before me this 11th day of ~~September~~ October, 2004, by Stephen W. Dykes, who: (notary **must** check applicable line)

____ is personally known to me.

__X__ produced a current Florida driver's license as identification.

____ produced _____ as identification.

Albert J. Stopka, III
Commission # DD108125
Expires May 25, 2006
Bonded Thru
Atlantic Bonding Co., Inc.

Notary Public ALBERT J. STOPKA III
My Commission Expires: _____

Witness: MARY BOYD

MICHELLE L. OUIMETTE

Witness: ALBERT J. STOPKA III

STATE OF FLORIDA
COUNTY OF BAY

The foregoing instrument was acknowledged before me this 15th day of ~~September~~ October, 2004, by Michelle L. Ouimette, who: (notary **must** check applicable line)

____ is personally known to me.

__X__ produced a current Florida driver's license as identification.

____ produced _____ as identification.

Albert J. Stopka, III
Commission # DD108125
Expires May 25, 2006
Bonded Thru
Atlantic Bonding Co., Inc.

Notary Public ALBERT J. STOPKA III
My Commission Expires: _____

EXHIBIT "A"

PARCEL 1:

COMMENCE AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST ALONG THE WEST LINE OF SAID SOUTHEAST QUARTER OF SECTION 15 FOR 50.00 FEET TO THE SOUTH RIGHT OF WAY LINE OF OLD BICYCLE ROAD (100 FOOT RIGHT OF WAY) AND THE POINT OF BEGINNING; THENCE NORTH 88 DEGREES 08 MINUTES 16 SECONDS EAST ALONG SAID SOUTH RIGHT OF WAY LINE FOR 40.00 FEET; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST FOR 259.00 FEET; THENCE SOUTH 88 DEGREES 08 MINUTES 16 SECONDS WEST FOR 40.00 FEET TO SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 15; THENCE NORTH 01 DEGREE 36 MINUTES 26 SECONDS WEST ALONG SAID WEST LINE FOR 259.00 FEET OT THE POINT OF BEGINNING.

PARCEL 2:

COMMENCE AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST ALONG THE WEST LINE OF SAID SOUTHEAST QUARTER OF SECTION 15 FOR 309.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 88 DEGREES 08 MINUTES 16 SECONDS EAST FOR 40.00 FEET; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST FOR 1635.95 FEET; THENCE SOUTH 88 DEGREES 08 MINUTES 16 SECONDS WEST FOR 40.00 FEET TO SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 15; THENCE NORTH 01 DEGREE 36 MINUTES 26 SECONDS WEST ALONG SAID WEST LINE FOR 1635.95 FEET TO THE POINT OF BEGINNING.

EXHIBIT "B"

Commencing at the center of Section 15, Township 4 South, Range 13 West, Bay County, Florida, thence run South 309 feet to the Point of Beginning of this description; thence run East 165 feet; thence South 2331 feet; thence West 165 feet; thence North 2331 feet to the Point of Beginning.

LESS & EXCEPT the following described property:

COMMENCE AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST ALONG THE WEST LINE OF SAID SOUTHEAST QUARTER OF SECTION 15 FOR 309.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 88 DEGREES 08 MINUTES 16 SECONDS EAST FOR 40.00 FEET; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST FOR 1635.95 FEET; THENCE SOUTH 88 DEGREES 08 MINUTES 16 SECONDS WEST FOR 40.00 FEET TO SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 15; THENCE NORTH 01 DEGREE 36 MINUTES 26 SECONDS WEST ALONG SAID WEST LINE FOR 1635.95 FEET TO THE POINT OF BEGINNING.

EASEMENT DOCUMENT 2

File # 2005017890, OR BK 2575 Page 105, Recorded 03/09/2005 at 12:01 PM,
Harold Bazzel, Clerk Bay County, Florida Deputy Clerk DS Trans # 667499

THIS INSTRUMENT PREPARED BY:
Brian D. Lenhardt, Esq.
BARRON, REDDING, BURRIS, PITE, FINSOM, SANDORN & KITSS, P.A.
220 McKenzie Avenue
Panama City, Florida 32401-2129

RESERVED FOR USE BY CLERK OF COURT

EASEMENT AGREEMENT

LAIRD POINT, LLC, a Georgia limited liability company (the "Grantor") hereby conveys to the Laird Point Property Owners Association, Inc., and to all members thereof, and their respective successors, licensees, invitees, employees, and agents at no cost a perpetual non-exclusive easement for ingress, egress and utilities over, across and under the Private Road more specifically described on Exhibit "A" attached hereto (the "Private Road"), subject to the terms and conditions hereof.

1. **Construction of Gate**. Grantor, at its sole cost and expense, may construct a gate at the entrance to the Private Road from Old Bicycle Road. If such gate is constructed, Grantor will provide the grantees with a reasonable means of access through such gate.

2. **Potable water and sewer lines**. Grantor contemplates that it will construct potable water and sewer lines along the Private Road to be maintained and owned by the City of Callaway. It is contemplated that the owners, their successors and assigns will have the right to access such utility lines pursuant to such rules as established by the City of Callaway from time to time.

3. **Nature of Covenants**. It is expressly understood and agreed that the terms, covenants and conditions of this Agreement shall be and constitute covenants running with and binding upon the Private Road and Adjacent Parcel.

4. **Reservation of Rights**. Grantor expressly reserves all rights not herein granted, including without limitation the right to grant similar easements to other parties, to construct improvements on the Private Road not inconsistent with the grant hereby made, and to construct other utilities along, under, and on the Private Road.

5. **Miscellaneous Provisions**.

A. Interpretation. This Agreement, and the exhibits or addenda to this Agreement, have been negotiated at arm's length by the parties hereto, and the parties mutually agree that for the purpose of construing the terms of this Agreement or exhibits or addenda, neither party shall be deemed responsible for the drafting of this Agreement.

B. Prior Agreements. This Agreement supersedes all prior agreements and constitutes the entire Agreement between the parties hereto with regard to the subject matter

hereof. It may not be amended or modified except by an instrument executed by both parties.

C. Notice. Any notice, payment, request, instruction, or other document to be delivered hereunder shall be deemed sufficiently given if in writing and mailed by certified mail, return receipt requested, telefaxed or by overnight delivery to the last known address of the parties hereto, unless in each case a party or its successor has notified the other in writing of a different address.

D. Waiver. No delay or failure by either party to exercise any right hereunder, and no partial or single exercise of any such right, shall constitute a waiver of that or any other right, unless otherwise expressly provided herein.

E. Headings. Headings in this Agreement are for convenience and reference only and shall not be used to interpret or construe its provisions.

F. Gender. The use of any gender in this Agreement shall include all other genders. The singular shall include the plural.

G. Governing Law and Jurisdiction. This Agreement shall be construed in accordance with and governed by the laws of the State of Florida. Jurisdiction and venue for any legal action brought in connection in any way with the terms and conditions of this Agreement or the performance or non-performance thereof shall be deemed proper only in the Circuit Court of Bay County, Florida.

H. Handwritten Provisions. Handwritten provisions inserted in or added to this Agreement shall control over the typed provisions in conflict therewith.

I. Binding Authority. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, legal representatives, successors, and assigns.

J. Attorneys Fees. In the event of any litigation pertaining in any way to this Agreement, the transactions contemplated hereby, or any other agreement related hereto, the prevailing party shall be entitled to the payment of its reasonable attorneys' fees and court costs incurred at all trial and appellate levels of the litigation by the non-prevailing party.

K. Severability. If any provisions of this Agreement or the application thereof to any person or circumstance shall be invalid or unenforceable to any extent, the remainder of this Agreement and the application of such provisions to other persons or circumstances shall not be affected thereby and shall be enforced to the greatest extent permitted by law, consistent with the purposes and intent of this Agreement.

L. Further Assurance. Each party hereto covenants and agrees that it will at any time and from time to time do such acts and execute, acknowledge and deliver, or cause to be executed, acknowledged and delivered, such documents as may be necessary or desirable in order to carry out fully and effectuate the transaction herein contemplated.

Witness: Rose M. West
Rose M. West

Witness: Kathy Wolfe
Kathy Wolfe

LAIRD POINT, LLC

By: Eric N. Hamby
Printed Name: Eric N. Hamby

STATE OF FLORIDA
COUNTY OF BAY

The foregoing instrument was acknowledged before me this 8th day of March, 2005, by Eric N. Hamby, as Registered Agent of Laird Point, LLC, a Georgia limited liability company, on behalf of the corporation, who: (notary must check applicable line)

X is personally known to me.
____ produced a current driver's license as identification.
____ produced _____ as identification.

Teresa M. Childers
Notary Public
My Commission Expires: _____

TERESA M. CHILDERS
Notary Public State of Florida
Comm. Expires June 19, 2007
Commission No. DD 209954

EXHIBIT "A"

PARCEL 1:
COMMENCE AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST ALONG THE WEST LINE OF SAID SOUTHEAST QUARTER OF SECTION 15 FOR 50.00 FEET TO THE SOUTH RIGHT OF WAY LINE OF OLD BICYCLE ROAD (100 FOOT RIGHT OF WAY) AND THE POINT OF BEGINNING; THENCE NORTH 88 DEGREES 08 MINUTES 16 SECONDS EAST ALONG SAID SOUTH RIGHT OFWAY LINE FOR 40.00 FEET; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST FOR 259.00 FEET; THENCE SOUTH 88 DEGREES 08 MINUTES 16 SECONDS WEST FOR 40.00 FEET TO SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 15; THENCE NORTH 01 DEGREE 36 MINUTES 26 SECONDS WEST ALONG SAID WEST LINE FOR 259.00 FEET TO THE POINT OF BEGINNING.

PARCEL 2:
COMMENCE AT THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST ALONG THE WEST LINE OF SAID SOUTHEAST QUARTER OF SECTION 15 FOR 309.00 FEET TO THE POINT OF BEGINNING; THENCE NORTH 88 DEGREES 08 MINUTES 16 SECONDS EAST FOR 40.00 FEET; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST FOR 1635.95 FEET; THENCE SOUTH 88 DEGREES 08 MINUTES 16 SECONDS WEST FOR 40.00 FEET TO SAID WEST LINE OF THE SOUTHEAST QUARTER OF SECTION 15; THENCE NORTH 01 DEGREE 36 MINUTES 26 SECONDS WEST ALONG SAID WEST LINE FOR 1635.95 FEET TO THE POINT OF BEGINNING.

PHASE 1 DOCUMENTS

PHASE 1: SURVEY

LAIRD POINT PHASE ONE

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 1 OF 10

File # 2005014114, Plat BK 20 Page 92,
Recorded 02/24/2005 at 10:37 AM,
Harold Bazzel, Clerk Bay County, Florida
Deputy Clerk DS
Trans # 664787

N

SCALE: 1"=300'
0 300' 600'

SYMBOLS AND ABBREVIATIONS

P.O.C.	POINT OF COMMENCEMENT
P.O.B.	POINT OF BEGINNING
N	NORTH
E	EAST
S	SOUTH
W	WEST
SEC.	SECTION
T	TOWNSHIP OR TANGENT LENGTH
R	RANGE
°	DEGREES
'	MINUTES OR FEET
"	SECONDS OR INCHES
FD.	FOUND
COR.	CORNER
LS	LAND SURVEYOR
LB	LAND SURVEYOR BUSINESS
NO.	NUMBER
MON.	MONUMENT
℄	CENTER LINE
GOVT.	GOVERNMENT
R	RADIUS
A	ARC
Δ	CENTRAL ANGLE
C	CHORD
CB	CHORD BEARING
±	MORE OR LESS
AC±	ACRES, MORE OR LESS
PCP	PERMANENT CONTROL POINT
PRM	PERMANENT REFERENCE MONUMENT
U.S.	UNITED STATES
R	RADIAL LINE
GLO	GENERAL LAND OFFICE
■	SET 4" x 4" CONC. MON. LB 2372 FOR PRM (UNLESS OTHERWISE INDICATED)
○	NAIL & DISK LB NO. 2372 SET FOR PCP
SJPC	ST. JOE PAPER COMPANY

BASIS OF BEARINGS IS N 88°43'06" E ON THE NORTH LINE OF SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST

- SURVEY WITNESS LINE
- LIMITS OF ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT OR OTHER DEFINED EASEMENT LINE
- ERME EASEMENT SIDE OF ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT WHEN LIMITS OF EASEMENT AND SURVEY WITNESS LINE COINCIDE.
- ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

NOTICE

THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREON AND UNDER NO CIRCUMSTANCES SHALL BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT.

LOTS 5 THROUGH 7, 38 THROUGH 52, AND 61 THROUGH 78 ONLY, WILL BE ALLOWED TO APPLY FOR A DOCK PERMIT, HOWEVER, THIS ALLOWANCE DOES NOT GUARANTEE A PERMIT FROM THE REGULATING AGENCY.

THE ROAD SHOWN HEREON WHICH IS LABELED "PRIVATE ROAD" IS NOT WITHIN THE LANDS HEREBY PLATTED, AND IS OWNED, HELD AND MAINTAINED BY LAIRD POINT, LLC, AND MADE AVAILABLE TO THE USE OF THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., ITS MEMBERS, INVITEES, GUESTS, DESIGNEES AND LICENSEES FOR ACCESS PURPOSES ONLY. LAIRD POINT, LLC, INTENDS TO TURN OVER OWNERSHIP AND MAINTENANCE OF THE PRIVATE ROAD TO THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC. THE PRIVATE ROAD CONNECTS TO OLD BICYCLE ROAD, A PUBLIC ROADWAY.

THE ROADS BEING DEDICATED TO THE USE OF THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., MAY INCLUDE OTHER IMPROVEMENTS NOT INCONSISTENT THEREWITH, INCLUDING MAILBOX KIOSKS AND ASSOCIATED PARKING.

COVENANTS AND RESTRICTIONS WHICH ENCUMBER THE LAND HEREBY PLATTED ARE FILED IN BAY COUNTY PUBLIC RECORDS BOOK 2568, PAGE 815, ALL SUBDIVIDED NUMBERED PARCELS IDENTIFIED ON THE PLAT ARE "LOTS" AS THAT TERM IS DEFINED IN THE ABOVE-DESCRIBED COVENANTS AND RESTRICTIONS.

ALL SUBDIVIDED LETTERED TRACTS IDENTIFIED ON THE PLAT ARE "COMMON AREA" AS THAT TERM IS DEFINED IN THE ABOVE-DESCRIBED COVENANTS AND RESTRICTIONS, EXCEPT THAT TRACT R SHALL BE DEDICATED TO THE CITY OF CALLAWAY FOR UTILITY PURPOSES AND TRACT L SHALL BE RESERVED BY THE DEVELOPER FOR FUTURE PRIVATE DEVELOPMENT OR COMMON AREA. AREAS MARKED "ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT" ARE RESERVED TO THE DEVELOPER, LAIRD POINT, LLC, PRIMARILY FOR NATURAL VEGETATIVE BUFFER AND STORMWATER MANAGEMENT, BUT MAY BE UTILIZED FOR CERTAIN OTHER LIMITED PURPOSES AS ARE DESCRIBED IN THE COVENANTS AND RESTRICTIONS.

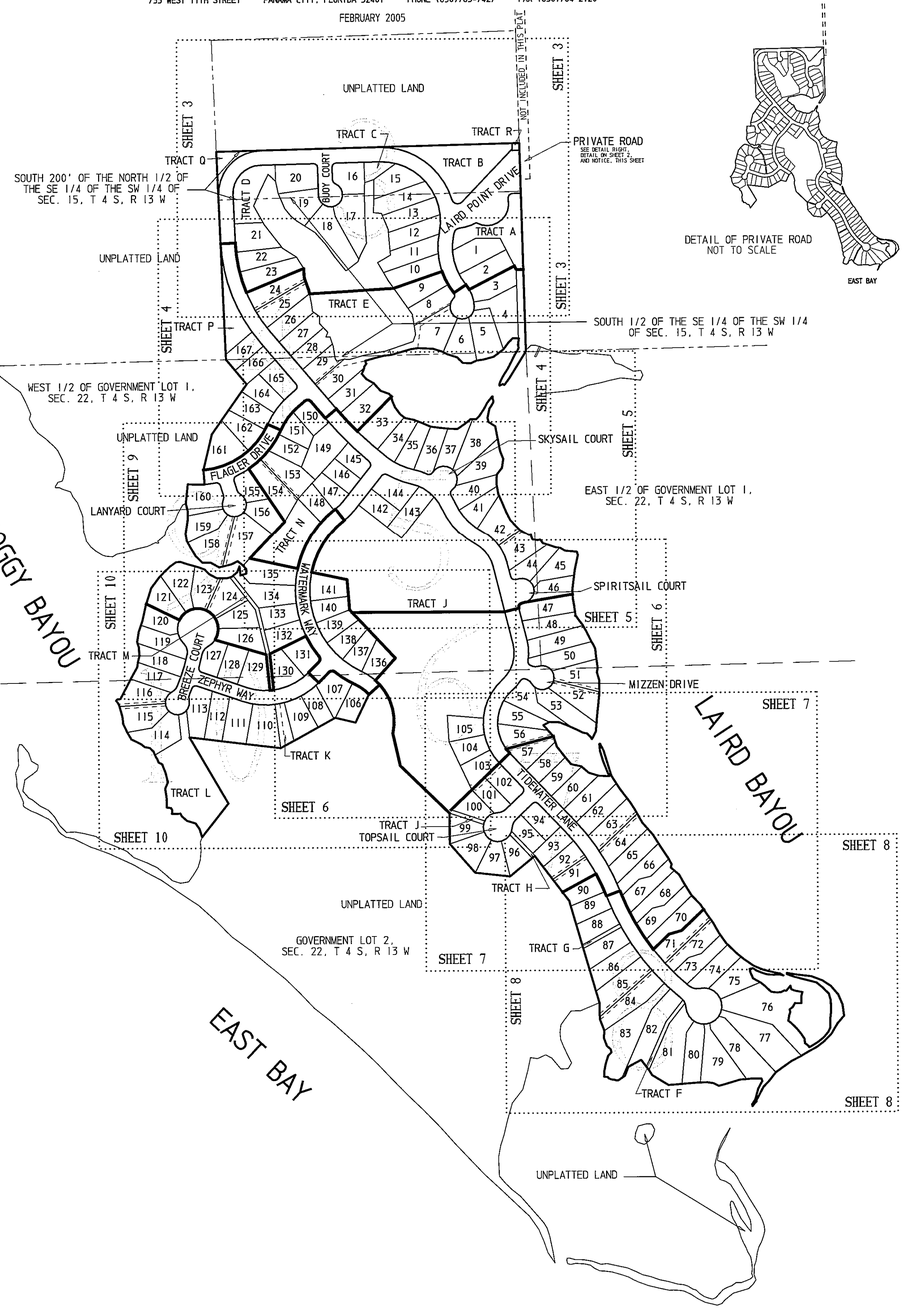
THE BOUNDARY COMMON TO THE LOTS OR TRACTS AND THE WATER BODIES IS THE MEAN HIGH WATER LINE, WHICH IS AMBULATORY. THE MEAN HIGH WATER LINE DEPICTED HEREON WAS LOCATED BETWEEN NOVEMBER 2003 AND JANUARY 2004.

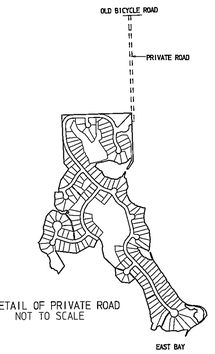
THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA.

PREPARED BY

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 PHONE (850)763-7427 FAX (850)784-2120

FEBRUARY 2005





DETAIL OF PRIVATE ROAD
NOT TO SCALE

DEDICATION

KNOW ALL MEN BY THESE PRESENTS THAT LAIRD POINT, LLC, A GEORGIA LIMITED LIABILITY COMPANY, AS OWNER OF THE LAND HEREIN DESCRIBED AND PLATTED, HAS CAUSED SUCH LAND TO BE SURVEYED AND SUBDIVIDED AS SHOWN HEREON, AND ADOPTS THIS PLAT, LAIRD POINT PHASE ONE, AND RESERVES AND DEDICATES THE EASEMENTS SHOWN HEREON TO THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., FOR THOSE PURPOSES SHOWN ON THE PLAT. THE STREETS AND ROADS SHOWN HEREON WHICH ARE PART OF THE LANDS HEREBY PLATTED, ARE HEREBY DEDICATED BY LAIRD POINT, LLC, AS THE OWNER OF THE LAND HEREIN DESCRIBED AND PLATTED, TO THE USE OF THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., ITS MEMBERS, INVITEES, GUESTS, DESIGNEES AND LICENSEES FOR ACCESS PURPOSES ONLY, RESERVING UNTO THE OWNER, LAIRD POINT, LLC, AND ITS SUCCESSORS IN TITLE AND INTEREST, AND ITS ASSIGNS, RIGHTS OF ACCESS AND ALL RIGHTS TO GRANT EASEMENTS FOR ACCESS, UTILITIES, AND FOR ANY OTHER PURPOSE. LAIRD POINT, LLC, FURTHER HEREBY GRANTS TO THE CITY OF CALLAWAY A PERPETUAL AND NON-EXCLUSIVE EASEMENT OVER, UNDER, AND ACROSS THE STREETS AND ROADS SHOWN HEREON WHICH ARE PART OF THE LANDS HEREBY PLATTED FOR THE PURPOSE OF PROVIDING MUNICIPAL SERVICES TO THE LANDS HEREBY PLATTED INCLUDING, WITHOUT LIMITATION, UTILITY SERVICES, EMERGENCY SERVICES, AND SIMILAR SERVICES. THE DEDICATIONS AND EASEMENTS HEREBY GRANTED SHALL NOT BE DEEMED A DEDICATION OF THE ROADS AND STREETS TO THE PUBLIC.

LAIRD POINT, LLC, HAS CAUSED THESE PRESENTS TO BE EXECUTED BY ERIC N. HAMBY AS VICE-PRESIDENT OF LAIRD POINT, LLC, A GEORGIA LIMITED LIABILITY COMPANY, ON THIS 22nd DAY OF February, 2005.

ERIC N. HAMBY, VICE PRESIDENT OF LAIRD POINT, LLC

STATE OF FLORIDA, COUNTY OF BAY

I, Candy Heintz, A NOTARY PUBLIC IN THE STATE OF FLORIDA, DO HEREBY CERTIFY THAT ERIC N. HAMBY AS VICE-PRESIDENT OF LAIRD POINT, LLC, A GEORGIA LIMITED LIABILITY COMPANY, PERSONALLY, KNOWN TO ME TO BE THE SAME PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING AS SUCH VICE PRESIDENT, APPEARED BEFORE ME IN PERSON AND ACKNOWLEDGED THAT HE SIGNED THIS PLAT AS HIS OWN FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES HEREIN STATED. GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS 22nd DAY OF February, 2005.

Candy Heintz
MY COMMISSION # DD095379 EXPIRES
February 18, 2006
BONDED THRU TROY FAIN INSURANCE, INC.

NOTARY PUBLIC
MY COMMISSION EXPIRES 2/18/06

JOINDER AND CONSENT TO DEDICATION

KNOW ALL MEN BY THESE PRESENTS, THAT BAY BANK & TRUST CO., A FLORIDA BANKING CORPORATION, BY ITS SENIOR VICE PRESIDENT, ROBERT VANLANDINGHAM, THE HOLDER OF A MORTGAGE OF RECORD UPON THE LANDS DESCRIBED AND PLATTED HEREON DOES HEREBY JOIN IN AND CONSENT TO THE DEDICATION OF THIS PLAT, LAIRD POINT PHASE ONE.

BAY BANK & TRUST CO., A FLORIDA BANKING CORPORATION

BY: ROBERT VANLANDINGHAM
SENIOR VICE PRESIDENT

STATE OF FLORIDA, COUNTY OF BAY

I, Candy Heintz, A NOTARY PUBLIC IN THE STATE OF FLORIDA, DO HEREBY CERTIFY THAT ROBERT VANLANDINGHAM, AS SENIOR VICE PRESIDENT OF BAY BANK & TRUST CO., A FLORIDA BANKING CORPORATION, PERSONALLY KNOWN TO ME TO BE THE SAME PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING AS SUCH SENIOR VICE PRESIDENT, APPEARED BEFORE ME IN PERSON AND ACKNOWLEGED THAT HE HAS SIGNED THIS PLAT AS HIS OWN FREE AND VOLUNTARY ACT FOR THE PURPOSES HEREIN STATED. GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS 22nd DAY OF February, 2005.

Candy Heintz
MY COMMISSION # DD095379 EXPIRES
February 18, 2006
BONDED THRU TROY FAIN INSURANCE, INC.

NOTARY PUBLIC
MY COMMISSION EXPIRES 2/18/06

REVIEWING SURVEYOR'S CERTIFICATE

I, HULON E. WALSINGHAM, REVIEWING SURVEYOR FOR THE CITY OF CALLAWAY, FLORIDA, HAVE REVIEWED THIS PLAT AND CERTIFY THAT IT COMPLIES WITH ALL THE REQUIREMENTS OF CHAPTER 177, FLORIDA STATUTES.

2-23-05
DATE

HULON E. WALSINGHAM, PLS
FLORIDA CERTIFICATE NO. 3257

CITY ENGINEER

THIS IS TO CERTIFY THAT THIS PLAT MEETS WITH THE REQUIREMENTS OF SECTION 15.610 OF THE CALLAWAY LAND DEVELOPMENT REGULATIONS AND THE PORTIONS OF THE LAIRD POINT PLANNED DEVELOPMENT ZONING DISTRICT, APPROVED IN ORDINANCE 720, WHICH ADDRESS MATTERS RELATED TO PLATTING. THIS CERTIFICATION IS FOR THE PLAT ONLY. ALL DEVELOPMENT OF THE PLATTED PROPERTY IS SUBJECT TO REVIEW AND ISSUANCE OF A DEVELOPMENT ORDER BY THE CITY OF CALLAWAY.

BY: John E. Goin 2/22/05
JOHN E. GOIN, P.E.
CITY OF CALLAWAY, FLORIDA
FLORIDA CERTIFICATE NO. 34516
FOR: HATCH MOTT MCDONALD
120 BECORICH ROAD, SUITE 180
PANAMA CITY, FLORIDA 32407
FLORIDA ENGINEERING BUSINESS NO. EB-000155

CITY COMMISSIONERS' APPROVAL

WE HEREBY CERTIFY THAT THIS PLAT HAS BEEN EXAMINED AND WAS APPROVED BY THE CITY COMMISSIONERS OF THE CITY OF CALLAWAY, FLORIDA, THIS 22nd DAY OF FEBRUARY, 2005.

CHARLES E. GRIFFIN
WARD I

SHANNON AFUDENCAMP
WARD II

GEORGE H. SMITH
WARD III

MIKE T. JONES
WARD IV

KENNETH C. WHITE
MAYOR

COUNTY CLERK'S CERTIFICATE

I, HAROLD BAZZEL, CLERK OF THE CIRCUIT COURT OF BAY COUNTY, FLORIDA, HEREBY CERTIFY THAT THIS PLAT WAS FILED FOR RECORD ON THE 24th DAY OF February, 2005, IN PLAT BOOK 20, PAGES 92-101

HAROLD BAZZEL
CLERK OF THE CIRCUIT COURT
BAY COUNTY, FLORIDA
BY: Tammy Hagan
Deputy Clerk

SURVEYOR'S CERTIFICATE

THE UNDERSIGNED HEREBY CERTIFIES THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE LANDS SURVEYED, THAT THE SURVEY WAS MADE UNDER HIS RESPONSIBLE DIRECTION AND SUPERVISION, THAT THE SURVEY DATA COMPLIES WITH ALL THE REQUIREMENTS OF CHAPTER 177, FLORIDA STATUTES, AND THAT PERMANENT REFERENCE MONUMENTS, PERMANENT CONTROL POINTS AND LOT CORNERS WILL BE SET IMMEDIATELY AFTER CONSTRUCTION OF SUBDIVISION IMPROVEMENTS.

2-22-05
DATE

BUELL H. HARPER, JR., PLS
FLORIDA CERTIFICATE NUMBER 1718
BUCHANAN & HARPER, INC.
CERTIFICATE OF AUTHORIZATION NO. 2372
735 WEST 11TH STREET
PANAMA CITY, FLORIDA 32401

TITLE CERTIFICATION

THE UNDERSIGNED TITLE COMPANY, LICENSED IN THE STATE OF FLORIDA, CERTIFIES THAT TITLE TO THE LANDS DESCRIBED HEREON IS IN THE NAME OF THE DEDICATOR AS SHOWN HEREON AND THAT THERE ARE NO OTHER UNSATISFIED MORTGAGES OTHER THAN THE JOINDER SHOWN HEREON, SIGNED THIS, 23 DAY OF February, 2005.

TITLE INSURANCE COMPANY: First American Title Insurance Co.

BY: Brian D. Loebrick, Agent

WITNESS: Karen Braun Adams KAREN BROWN Adams

LAIRD POINT PHASE ONE

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 2 OF 10

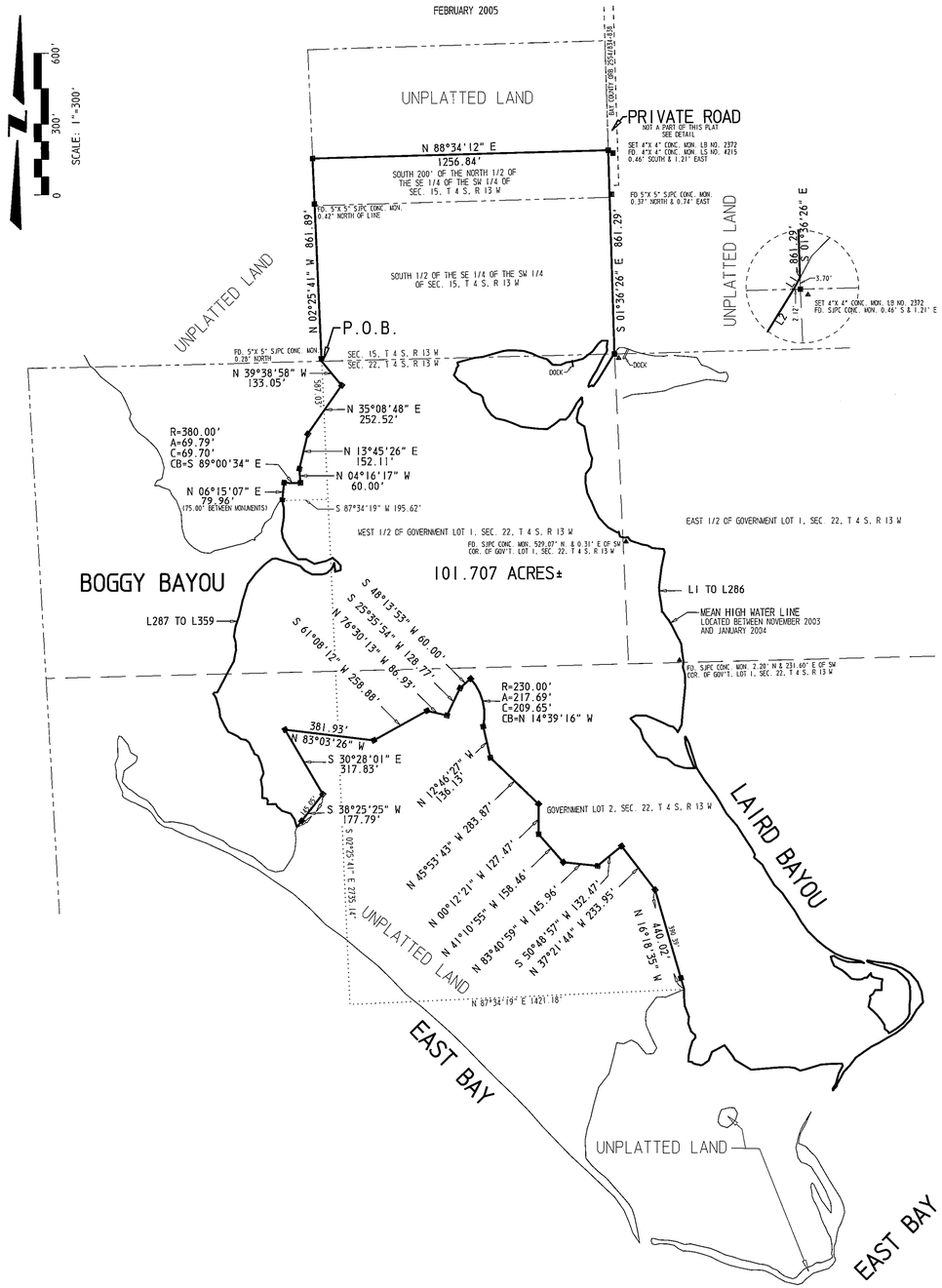
PREPARED BY

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 PHONE (850)763-7427 FAX (850)784-2120

FEBRUARY 2005

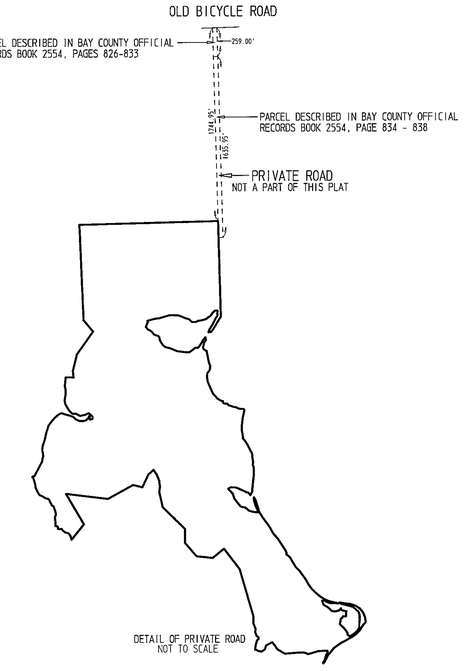
LINE TABLE

NO.	BEARING	DISTANCE	NO.	BEARING	DISTANCE	NO.	BEARING	DISTANCE
1	S 28°18'15" W	4.25'	121	S 05°43'06" W	50.45'	241	S 62°59'31" W	37.86'
2	S 31°43'12" W	81.40'	122	S 06°16'30" W	48.75'	242	S 55°17'10" W	39.24'
3	S 32°03'23" W	47.62'	123	S 04°47'18" W	65.03'	243	S 54°38'51" W	41.85'
4	S 36°46'56" W	34.44'	124	S 26°24'08" W	27.87'	244	S 37°36'24" W	40.85'
5	N 58°59'43" W	7.43'	125	S 31°23'57" W	8.50'	245	S 43°01'48" W	38.45'
6	S 63°27'07" W	15.11'	126	N 26°40'49" W	7.90'	246	S 28°29'02" W	41.91'
7	N 11°17'16" W	5.14'	127	N 44°59'27" W	23.33'	247	S 28°51'45" W	19.36'
8	N 19°53'53" E	16.18'	128	N 78°54'20" W	17.37'	248	S 02°34'03" W	6.20'
9	N 28°38'50" E	27.61'	129	N 62°02'56" W	21.38'	249	S 42°25'19" W	16.57'
10	N 32°52'38" E	30.76'	130	N 65°59'32" W	51.79'	250	S 36°28'44" W	8.57'
11	N 27°04'04" E	43.14'	131	N 68°09'22" W	32.86'	251	N 08°11'35" W	8.60'
12	N 26°12'26" E	23.49'	132	N 88°13'51" W	43.57'	252	N 33°44'04" E	24.03'
13	N 34°40'57" E	20.30'	133	S 61°12'39" W	26.66'	253	N 15°21'20" E	46.96'
14	N 19°31'58" E	11.56'	134	S 40°21'53" E	28.13'	254	N 28°38'04" E	34.96'
15	N 11°19'58" W	12.07'	135	S 42°46'21" E	33.50'	255	N 21°24'33" W	10.54'
16	N 07°41'17" E	26.94'	136	S 18°02'53" E	44.99'	256	S 88°52'58" W	45.10'
17	N 89°08'20" W	25.33'	137	S 37°46'15" E	52.33'	257	S 85°44'57" W	42.99'
18	S 45°21'57" W	24.52'	138	S 40°16'24" E	41.52'	258	S 73°33'07" W	70.13'
19	S 37°02'01" W	36.22'	139	S 77°43'33" E	42.98'	259	S 76°02'07" W	22.37'
20	S 53°42'33" W	21.87'	140	S 49°47'23" E	42.24'	260	N 62°51'39" W	24.84'
21	S 52°54'43" W	28.79'	141	S 73°18'38" E	43.47'	261	N 81°56'24" W	25.99'
22	S 75°06'05" W	44.77'	142	S 87°42'54" E	42.56'	262	S 88°33'47" W	42.17'
23	S 82°31'19" W	27.30'	143	S 29°35'27" E	65.58'	263	S 85°21'28" W	118.38'
24	S 64°53'49" W	26.79'	144	N 17°17'16" W	45.06'	264	N 58°46'11" W	79.49'
25	N 87°19'41" W	33.38'	145	N 04°52'45" W	27.97'	265	N 31°33'29" W	23.32'
26	N 45°19'37" W	33.14'	146	N 20°42'46" E	3.43'	266	N 37°09'19" W	54.39'
27	N 72°28'11" W	40.04'	147	S 45°01'41" E	3.19'	267	S 61°53'43" W	60.83'
28	N 64°02'35" W	29.42'	148	S 26°45'25" E	30.26'	268	S 21°13'06" W	39.19'
29	N 73°12'53" W	36.92'	149	S 16°56'28" E	39.70'	269	S 55°10'10" W	32.71'
30	N 86°31'47" W	31.20'	150	S 16°59'27" E	68.49'	270	S 82°18'26" W	7.10'
31	N 87°45'04" W	31.69'	151	S 32°30'21" E	63.02'	271	N 73°12'50" W	8.40'
32	S 81°19'53" W	26.56'	152	S 37°11'41" E	72.22'	272	N 81°20'08" W	14.19'
33	S 74°03'51" W	87.73'	153	S 32°45'17" E	34.50'	273	N 67°23'44" W	12.60'
34	S 83°27'20" W	32.68'	154	S 29°27'36" E	63.17'	274	N 28°52'00" W	5.32'
35	S 76°15'51" W	31.69'	155	S 41°11'19" E	67.00'	275	N 82°15'55" W	16.04'
36	S 73°54'47" W	44.78'	156	S 32°14'43" E	52.15'	276	N 02°33'22" E	24.12'
37	S 11°03'30" E	9.96'	157	S 33°33'42" E	66.19'	277	N 11°48'38" E	32.35'
38	S 55°26'40" E	3.31'	158	S 26°56'48" E	26.30'	278	N 17°37'27" E	31.04'
39	S 35°22'15" W	15.22'	159	S 12°30'14" W	13.68'	279	N 40°54'43" E	20.59'
40	S 10°59'51" W	9.54'	160	S 48°55'53" E	45.43'	280	N 11°58'43" W	12.10'
41	S 24°16'08" W	7.58'	161	S 62°21'58" E	43.04'	281	N 48°20'47" W	21.63'
42	S 21°54'08" W	11.29'	162	S 31°41'54" E	57.67'	282	N 20°10'56" W	34.77'
43	S 38°15'06" W	3.20'	163	S 44°06'41" E	50.01'	283	N 03°58'38" E	30.42'
44	S 38°32'46" E	16.06'	164	S 34°09'41" E	48.79'	284	N 20°56'05" W	48.86'
45	S 42°35'45" E	13.95'	165	S 36°10'43" E	42.46'	285	N 03°52'25" W	33.25'
46	S 59°50'28" E	35.09'	166	S 09°37'33" E	41.52'	286	N 00°04'05" W	37.07'
47	S 41°44'24" E	41.45'	167	S 35°34'07" E	50.09'	287	N 17°19'01" W	34.39'
48	S 69°41'31" E	37.61'	168	S 45°47'41" E	60.98'	288	N 33°47'17" W	29.45'
49	S 41°08'52" E	14.53'	169	S 50°42'09" E	39.60'	289	N 73°04'13" W	37.88'
50	S 08°52'55" E	17.21'	170	S 55°19'32" E	48.94'	290	N 48°19'04" W	28.05'
51	S 23°17'58" E	30.25'	171	S 67°17'14" E	43.19'	291	N 28°21'18" W	12.65'
52	S 36°23'52" E	36.27'	172	S 76°19'57" E	56.00'	292	S 84°37'04" W	15.15'
53	S 52°20'07" E	25.10'	173	S 82°31'50" E	13.18'	293	N 88°56'10" W	20.08'
54	S 77°44'48" E	37.28'	174	S 61°03'22" E	11.45'	294	N 06°39'53" E	15.07'
55	S 69°24'10" E	34.90'	175	S 57°15'52" E	6.29'	295	N 31°45'00" W	11.13'
56	S 66°49'44" E	39.52'	176	N 70°40'51" W	12.00'	296	N 82°44'04" W	17.52'
57	S 82°02'35" E	32.27'	177	S 89°34'52" W	27.42'	297	N 00°34'49" W	41.48'
58	S 83°36'17" E	39.23'	178	N 86°46'07" W	29.72'	298	N 09°00'18" W	36.44'
59	S 87°55'12" E	40.48'	179	N 72°07'55" W	22.18'	299	N 22°49'54" E	29.28'
60	N 56°01'39" E	34.42'	180	N 67°56'57" W	23.39'	300	N 13°50'16" W	40.27'
61	N 51°08'23" E	33.37'	181	N 56°41'48" W	18.24'	301	N 21°29'22" W	38.24'
62	S 88°53'01" E	22.17'	182	S 78°26'43" W	13.88'	302	N 62°32'00" W	16.80'
63	N 46°06'44" E	19.03'	183	S 10°36'04" E	14.89'	303	N 18°46'25" W	13.43'
64	N 33°53'40" E	35.09'	184	S 23°45'36" E	27.21'	304	N 36°24'43" W	9.44'
65	N 28°14'13" E	30.00'	185	S 60°47'21" E	38.10'	305	N 24°16'12" W	27.81'
66	N 37°56'23" E	30.88'	186	S 51°12'13" E	20.43'	306	N 46°02'12" W	19.85'
67	N 67°06'07" E	3.61'	187	S 46°32'45" E	34.55'	307	N 80°20'28" W	31.50'
68	S 02°26'44" E	10.87'	188	S 82°44'02" E	24.40'	308	N 51°50'35" W	21.23'
69	S 20°29'27" E	7.51'	189	N 85°59'00" E	17.72'	309	N 64°13'11" W	42.97'
70	S 09°47'00" W	8.03'	190	N 63°41'03" E	15.41'	310	N 30°10'56" W	33.82'
71	S 28°35'28" W	11.44'	191	S 78°35'39" E	7.62'	311	N 25°45'18" W	37.75'
72	S 33°56'39" W	17.02'	192	N 40°25'28" E	27.37'	312	N 06°38'09" W	31.44'
73	S 13°34'29" W	9.00'	193	S 10°17'44" E	13.52'	313	N 15°43'40" W	48.94'
74	S 12°03'13" W	30.90'	194	S 63°56'43" E	14.11'	314	N 28°29'30" W	10.63'
75	S 13°36'45" E	17.03'	195	S 78°29'36" E	34.99'	315	N 36°40'33" W	11.98'
76	S 56°59'08" E	33.37'	196	S 15°09'28" W	16.42'	316	N 44°21'28" E	7.30'
77	S 10°49'45" E	106.14'	197	S 00°02'39" W	30.18'	317	N 83°16'27" E	12.55'
78	S 22°07'51" E	33.77'	198	N 88°42'57" W	26.54'	318	N 28°03'52" E	25.84'
79	S 08°36'56" W	37.99'	199	S 30°44'21" W	19.13'	319	N 27°21'40" E	74.54'
80	S 37°51'58" W	34.72'	200	S 53°07'45" W	16.02'	320	N 29°13'44" E	48.37'
81	S 03°02'50" W	38.24'	201	S 14°22'13" E	10.65'	321	N 09°54'33" E	30.20'
82	S 09°59'52" E	44.26'	202	S 17°33'17" W	13.65'	322	N 13°37'14" E	19.39'
83	S 24°10'20" E	34.72'	203	S 10°24'02" W	22.80'	323	N 04°22'33" W	35.98'
84	S 22°51'55" E	50.02'	204	S 47°15'13" E	29.48'	324	N 17°34'53" W	17.96'
85	S 27°09'18" E	33.04'	205	S 45°42'32" E	17.07'	325	N 07°27'39" W	5.52'
86	S 43°06'43" E	58.32'	206	S 39°27'12" E	29.55'	326	N 08°55'36" E	41.15'
87	S 61°10'07" E	44.49'	207	S 34°24'04" E	24.28'	327	N 19°08'02" E	47.07'
88	N 67°46'27" E	7.11'	208	S 07°29'43" E	19.80'	328	N 12°44'04" E	64.95'
89	S 09°53'21" E	8.88'	209	S 53°08'10" E	17.42'	329	N 17°51'45" E	75.58'
90	S 21°52'02" E	13.41'	210	S 25°16'24" E	7.31'	330	N 36°54'06" E	53.78'
91	S 78°55'17" E	20.03'	211	N 64°53'21" E	6.05'	331	N 43°44'26" E	29.91'
92	N 79°25'53" E	12.43'	212	N 58°22'03" E	34.09'	332	N 46°24'00" E	34.71'
93	S 37°40'52" E	19.25'	213	N 52°07'11" E	33.31'	333	N 54°30'50" E	31.57'
94	S 72°24'28" E	31.57'	214	N 40°16'11" E	29.46'	334	N 83°34'49" E	17.31'
95	S 71°06'11" E	21.78'	215	N 24°25'58" E	19.71'	335	S 71°36'01" E	27.95'
96	S 81°05'34" E	21.12'	216	N 00°02'03" W	34.75'	336	S 74°17'07" E	50.25'
97	S 60°45'13" E	23.80'	217	N 05°57'38" E	36.54'	337	S 69°12'15" E	28.80'
98	S 84°22'45" E	48.09'	218	N 01°49'46" W	42.33'	338	S 44°35'57" E	27.77'
99	S 18°53'04" E	13.98'	219	N 15°30'16" W	28.47'	339	S 63°02'26" E	36.27'
100	S 11°58'42" W	63.81'	220	N 45°31'19" W	37.05'	340	S 89°01'36" E	38.26'
101	S 07°25'20" W	67.25'	221	N 50°24'13" W	31.58'	341	N 74°42'14" E	23.32'
102	S 06°05'31" W	19.07'	222	N 75°06'37" W	30.52'	342	N 50°14'20" E	30.15'
103	S 03°19'50" E	30.26'	223	N 75°52'58" W	37.41'	343	N 20°59'52" E	26.04'
104	S 10°01'11" E	33.56'	224	N 74°19'07" W	28.10'	344	S 06°40'43" E	37.60'
105	S 07°21'35" E	36.06'	225	N 71°55'50" W	18.11'	345	N 74°00'53" E	24.17'
106	S 06°05'02" W	4.09'	226	N 68°14'56" W	13.78'	346	N 00°12'53" W	19.34'
107	S 16°14'45" W	1.57'	227	N 06°07'20" W	5.14'	347	N 41°48'30" W	19.97'
108	S 81°26'21" E	3.98'	228	S 79°38'28" E	38.01'	348	N 50°05'22" W	27.69'
109	S 35°13'53" E	19.80'	229	S 83°24'27" E	64.78'	349	S 63°46'24" W	29.78'
110	S 36°51'45" E	23.90'	230	S 69°09'34" E	49.67'	350	S 76°39'07" W	52.10'
111	S 30°41'02" E	28.14'	231	S 56°41'00" E	41.79'	351	N 61°10'01" W	40.28'
112	S 26°46'10" E	32.59'	232	S 40°16'52" E	46.81'	352	S 89°27'56" W	34.02'
113	S 25°13'05" E	19.39'	233	S 22°35'08" E	45.13'	353	N 44°54'57" W	39.83'
114	S 31°35'54" E	15.02'	234	S 07°33'48" E	46.67'	354	N 32°05'03" W	38.40'
115	S 26°08'15" E	18.59'	235	S 40°41'46" W	41.25'	355	N 28°17'34" W	34.39'
116	S 05°19'04" E	28.12'	236	S 30°51'17" W	49.47'	356	N 10°17'20" W	29.85'
117	S 07°52'22" E	50.72'	237	S 44°20'31" W	44.84'	357	N 09°14'04" E	56.31'
118	S 09°11'39" W	20.11'	238	S 52°53'38" W	39.51'	358	N 01°12'56" E	40.10'
119	S 16°31'11" E	31.79'	239	S 61°40'00" W	38.82'	359	N 13°25'23" W	34.12'
120	S 01°39'00" E	50.34'	240	S 59°30'40" W	41.90'			



DESCRIPTION

THE SOUTH 200 FEET OF THE NORTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER AND THE SOUTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA, THENCE NORTH 02 DEGREES 25 MINUTES 41 SECONDS WEST ALONG THE LINE MONUMENTED AND ACCEPTED AS THE WEST LINE OF SAID SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER FOR 861.89 FEET TO THE NORTH LINE OF THE SOUTH 200 FEET OF THE NORTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 15, THENCE NORTH 88 DEGREES 34 MINUTES 12 SECONDS EAST ALONG SAID NORTH LINE FOR 1256.84 FEET TO THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 15, THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST ALONG SAID EAST LINE FOR 861.29 FEET TO THE EDGE OF LAIRD BAYOU, THENCE SOUTHERLY ALONG SAID BAYOU AND WESTERLY AND NORTHERLY ALONG THE EDGE OF EAST BAY TO A POINT LOCATED SOUTH 02 DEGREES 25 MINUTES 41 SECONDS EAST FOR 2735.14 FEET AND NORTH 87 DEGREES 34 MINUTES 19 SECONDS EAST FOR 1421.18 FEET FROM THE POINT OF BEGINNING, THENCE NORTH 16 DEGREES 18 MINUTES 35 SECONDS WEST FOR 440.02 FEET, THENCE NORTH 37 DEGREES 21 MINUTES 44 SECONDS WEST FOR 233.95 FEET, THENCE SOUTH 50 DEGREES 48 MINUTES 57 SECONDS WEST FOR 132.47 FEET, THENCE NORTH 83 DEGREES 40 MINUTES 59 SECONDS WEST FOR 145.96 FEET, THENCE NORTH 41 DEGREES 10 MINUTES 55 SECONDS WEST FOR 158.46 FEET, THENCE NORTH 00 DEGREES 12 MINUTES 21 SECONDS WEST FOR 127.47 FEET; THENCE NORTH 45 DEGREES 53 MINUTES 43 SECONDS WEST FOR 283.87 FEET; THENCE NORTH 12 DEGREES 46 MINUTES 27 SECONDS WEST FOR 136.13 FEET TO A NON-TANGENT CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 230.00 FEET; THENCE NORTHWESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 217.69 FEET, THE CHORD OF SAID ARC BEARING NORTH 14 DEGREES 39 MINUTES 16 SECONDS WEST FOR 209.65 FEET, THENCE SOUTH 48 DEGREES 13 MINUTES 53 SECONDS WEST FOR 60.00 FEET, THENCE SOUTH 25 DEGREES 35 MINUTES 54 SECONDS WEST FOR 128.77 FEET, THENCE NORTH 76 DEGREES 30 MINUTES 13 SECONDS WEST FOR 86.93 FEET, THENCE SOUTH 61 DEGREES 08 MINUTES 12 SECONDS WEST FOR 258.88 FEET, THENCE NORTH 83 DEGREES 03 MINUTES 26 SECONDS WEST FOR 381.93 FEET, THENCE SOUTH 30 DEGREES 28 MINUTES 01 SECOND EAST FOR 317.83 FEET, THENCE SOUTH 38 DEGREES 25 MINUTES 25 SECONDS WEST FOR 177.79 FEET TO THE EDGE OF BOGGY BAYOU, THENCE NORTHERLY ALONG SAID BAYOU TO A POINT LOCATED SOUTH 02 DEGREES 25 MINUTES 41 SECONDS EAST FOR 587.03 FEET AND SOUTH 87 DEGREES 34 MINUTES 19 SECONDS WEST FOR 195.62 FEET FROM THE POINT OF BEGINNING, THENCE NORTH 06 DEGREES 15 MINUTES 07 SECONDS EAST FOR 79.96 FEET TO A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 380.00 FEET; THENCE EASTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 69.79 FEET, THE CHORD OF SAID ARC BEARING SOUTH 89 DEGREES 00 MINUTES 34 SECONDS EAST FOR 69.70 FEET, THENCE NORTH 04 DEGREES 16 MINUTES 17 SECONDS WEST FOR 60.00 FEET; THENCE NORTH 13 DEGREES 45 MINUTES 26 SECONDS EAST FOR 152.11 FEET, THENCE NORTH 35 DEGREES 08 MINUTES 48 SECONDS EAST FOR 252.52 FEET, THENCE NORTH 39 DEGREES 38 MINUTES 58 SECONDS WEST FOR 133.05 FEET TO THE POINT OF BEGINNING, CONTAINING 101.707 ACRES, MORE OR LESS.



LAIRD POINT PHASE ONE

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 3 OF 10

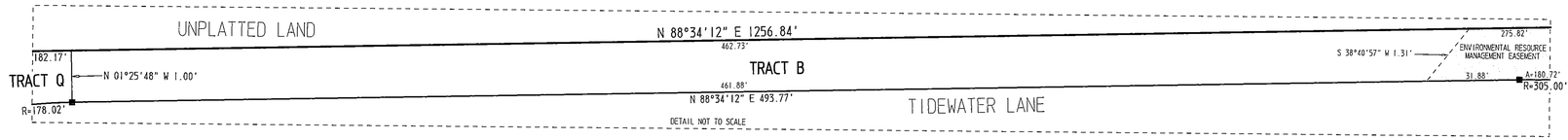
PREPARED BY

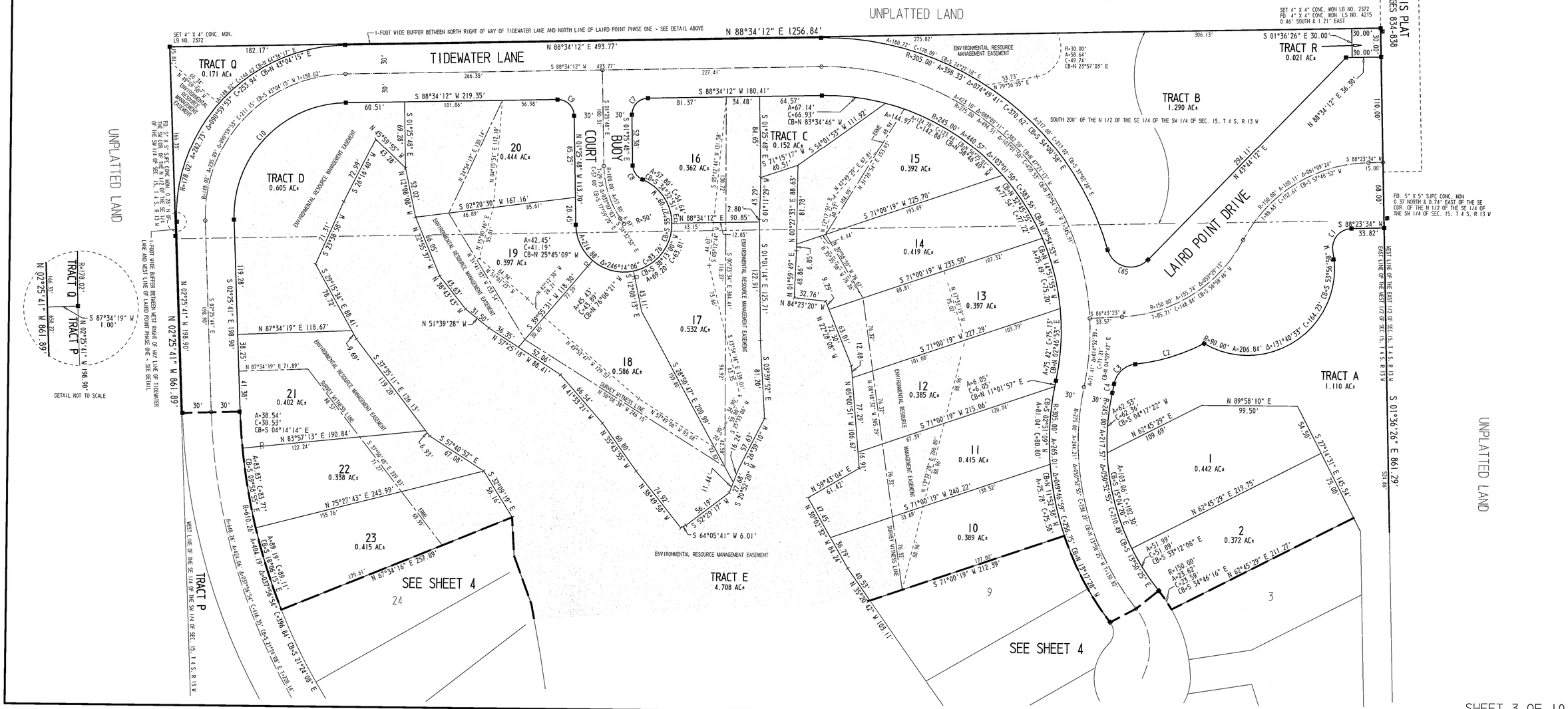
BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 PHONE (850)763-7427 FAX (850)784-2120

FEBRUARY 2005

RIGHT OF WAY CURVE TABLE

CURVE	RADIUS	ARC	CENTRAL ANGLE	CHORD	CHORD BEARING
1	20.00'	35.00'	100°16'53"	30.70'	S 38°15'08" W
2	200.00'	74.78'	021°25'23"	74.35'	S 72°43'47" W
3	25.00'	32.13'	073°38'51"	29.97'	S 46°37'03" W
4	305.00'	9.62'	001°48'24"	9.62'	S 10°41'50" W
7	17.00'	26.70'	090°00'00"	24.04'	S 43°34'12" W
8	17.00'	19.65'	066°14'06"	18.58'	S 34°32'51" E
9	17.00'	26.70'	090°00'00"	24.04'	N 46°25'48" W
10	118.02'	187.44'	090°59'53"	168.35'	S 43°04'15" W
65	25.00'	52.21'	119°39'40"	43.23'	S 76°25'58" E





LAIRD POINT PHASE ONE

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A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 4 OF 10

PREPARED BY

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735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 PHONE (850)763-7427 FAX (850)784-2120

FEBRUARY 2005

MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
1	S 28°18'15" W	4.25'
2	S 31°43'12" W	81.40'
3	S 32°03'23" W	47.62'
4	S 36°46'56" W	34.44'
5	N 56°59'43" W	7.43'
6	S 63°27'07" W	15.11'
7	N 11°17'16" W	5.14'
8	N 19°53'53" E	16.18'
9	N 28°38'50" E	27.61'
10	N 32°57'38" E	30.76'
11	N 27°04'04" E	43.14'
12	N 26°12'26" E	23.49'
13	N 34°40'57" E	20.30'
14	N 19°13'58" E	11.56'
15	N 11°19'58" W	12.07'
16	N 07°41'17" E	26.94'
17	N 89°08'20" W	25.33'
18	S 45°21'57" W	24.52'
19	S 37°02'01" W	36.22'
20	S 53°42'33" W	21.87'
21	S 52°54'43" W	28.79'
22	S 75°06'05" W	44.77'
23	S 82°31'19" W	27.30'
24	S 64°53'49" W	26.79'
25	N 87°19'41" W	33.38'
26	N 45°19'37" W	33.14'
27	N 72°28'11" W	40.04'
28	N 64°02'35" W	29.42'
29	N 73°12'53" W	36.92'
30	N 86°31'47" W	31.20'
31	N 87°45'04" W	31.69'
32	S 81°29'53" W	26.56'
33	S 74°03'51" W	87.73'
34	S 83°27'20" W	32.68'
35	S 76°15'51" W	31.69'
36	S 73°54'47" W	44.78'
37	S 11°03'30" E	9.96'
38	S 55°26'40" E	3.31'
39	S 35°22'15" W	15.22'
40	S 10°59'51" W	9.54'
41	S 24°16'08" W	7.58'
42	S 21°54'08" W	11.29'
43	S 38°15'06" W	3.20'
44	S 38°32'46" E	16.06'
45	S 42°35'45" E	13.95'
46	S 59°50'28" E	35.09'
47	S 41°44'24" E	41.45'
48	S 69°41'31" E	37.61'
49	S 41°08'52" E	14.53'

SCALE: 1"=50'

SEE SHEET 3

SEE SHEET 3

SEE SHEET 3

UNPLATTED LAND

UNPLATTED LAND

UNPLATTED LAND

TRACT P
0.435 AC±

TRACT E
4.708 AC±
ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

TRACT A
1.110 AC±

P.O.B.
SW CORNER OF THE SE 1/4 OF THE SW 1/4 OF SEC. 15, T 4 S, R 13 W
FD. 5" X 5" SJPC CONC. MON. 0.28' NORTH
SEC. 15, T 4 S, R 13 W / SEC. 22, T 4 S, R 13 W

RIGHT OF WAY CURVE DATA

CURVE	RADIUS	ARC	CENTRAL ANGLE	CHORD	CHORD BEARING
5	150.00'	97.47'	037°13'52"	95.76'	S 20°39'57" E
6	17.00'	24.71'	083°16'53"	22.59'	N 03°27'30" E
63	330.00'	147.33'	025°34'48"	146.11'	N 36°50'01" E
64	17.00'	26.70'	090°00'00"	24.04'	N 04°57'25" E

LOT CURVE DATA

LOT	RADIUS	ARC	CHORD	CHORD BEARING
4	150.00'	18.48'	18.47'	S 05°34'49" E
4	50.00'	17.41'	17.32'	S 07°55'33" W

TIDEWATER LANE

LAIRD BAYOU

SEE SHEET 5

SEE SHEET 9

FLAGLER DRIVE

WOOD DOCK

DETAIL NOT TO SCALE

DETAIL NOT TO SCALE

LAIRD POINT PHASE ONE

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

PLAT BK 20 PG 96,
Page 5 of 10

SHEET 5 OF 10

PREPARED BY

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FEBRUARY 2005

RIGHT OF WAY CURVE DATA

CURVE	RADIUS	ARC	CENTRAL ANGLE	CHORD	CHORD BEARING
11	270.00'	123.76'	026°15'45"	122.68'	S 64°49'12" E
12	240.00'	58.46'	013°57'23"	58.32'	S 70°58'23" E
13	17.00'	25.03'	084°22'00"	22.83'	N 73°49'19" E
14	17.00'	25.03'	084°22'00"	22.83'	S 10°10'56" W
15	240.00'	34.38'	008°12'30"	34.35'	S 27°53'49" E
16	250.00'	165.83'	038°00'17"	162.80'	S 42°47'42" E
17	210.00'	174.59'	047°38'09"	169.61'	S 37°58'46" E
18	17.00'	26.70'	090°00'00"	24.04'	S 59°09'42" E
19	50.00'	157.08'	180°00'00"	100.00'	S 14°09'42" E
20	17.00'	26.70'	090°00'00"	24.04'	S 30°50'18" W
34	150.00'	124.71'	047°38'09"	121.15'	N 37°58'46" W
35	310.00'	205.62'	038°00'17"	201.88'	N 42°47'42" W
36	180.00'	170.14'	054°09'30"	163.88'	N 50°52'19" W
37	330.00'	106.43'	018°28'41"	105.97'	N 68°42'44" W
38	17.00'	24.39'	082°12'56"	22.35'	S 79°25'09" W
39	254.94'	62.93'	014°08'32"	62.77'	S 45°22'57" W
54	194.94'	48.12'	014°08'32"	47.99'	N 45°22'57" E
55	17.00'	26.19'	088°15'32"	25.67'	N 05°49'06" W
56	17.00'	26.70'	090°00'00"	24.04'	N 85°22'35" W
57	270.00'	120.54'	025°34'48"	119.54'	S 36°50'01" W

MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
50	S 08°52'55" E	17.21'
51	S 23°17'58" E	30.25'
52	S 36°23'52" E	36.27'
53	S 52°20'07" E	25.10'
54	S 77°44'48" E	37.28'
55	S 69°24'10" E	34.90'
56	S 66°49'44" E	39.52'
57	S 82°02'35" E	32.27'
58	S 83°36'17" E	39.23'
59	S 87°55'12" E	40.48'
60	N 56°01'39" E	34.42'
61	N 51°08'23" E	33.37'
62	S 88°53'01" E	22.17'
63	N 46°06'44" E	19.03'
64	N 33°53'40" E	35.09'
65	N 28°14'13" E	30.00'
66	N 37°56'23" E	30.88'
67	N 67°06'07" E	3.61'
68	S 02°26'44" E	10.87'
69	S 20°29'27" E	7.51'
70	S 09°47'00" W	8.03'
71	S 28°35'28" W	11.44'
72	S 33°56'39" W	17.02'
73	S 13°34'29" W	9.00'
74	S 12°03'13" W	30.90'
75	S 13°36'45" E	17.03'
76	S 56°59'08" E	33.57'
77	S 22°07'51" E	33.77'
78	S 08°36'56" W	37.99'
79	S 37°51'58" W	34.72'
80	S 03°02'50" W	38.24'
81	S 09°59'52" E	44.26'
82	S 24°10'20" E	34.72'
83	S 22°51'55" E	50.02'
84	S 27°09'18" E	33.04'
85	S 43°06'43" E	58.32'
86	S 61°10'07" E	44.49'
87	N 67°46'27" E	7.11'
88	S 09°53'21" W	8.88'
89	S 21°52'02" E	13.41'
90	S 78°55'17" E	20.03'
91	N 79°25'53" E	12.43'
92	S 37°40'52" E	19.25'
93	S 72°24'28" E	31.57'
94	S 71°06'11" E	21.78'
95	S 81°05'34" E	21.12'
96	S 60°45'13" E	23.80'
97	S 84°32'45" E	48.09'
98	S 18°53'04" E	13.98'
99	S 11°58'42" W	63.81'
100	S 07°25'20" W	67.25'
101	S 06°05'31" W	19.07'
102	S 03°19'50" E	30.26'

SCALE: 1"=50'

LAIRD POINT PHASE ONE

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 6 OF 10

PLAT BK 20 PG 97,
Page 6 of 10

PREPARED BY

BUCHANAN & HARPER, INC.

ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE

CERTIFICATE OF AUTHORIZATION NUMBER: 2372

735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 PHONE (850)763-7427 FAX (850)784-2120

FEBRUARY 2005

N

0 SCALE: 1"=50' 50' 100'

RIGHT OF WAY CURVE DATA

CURVE	RADIUS	ARC	CENTRAL ANGLE	CHORD	CHORD BEARING
20	17.00'	26.70'	090°00'00"	24.04'	S 30°50'18" W
21	210.00'	86.37'	023°33'52"	85.76'	S 02°22'46" E
22	17.00'	23.16'	078°03'02"	21.41'	S 29°37'21" E
23	31.00'	22.26'	041°08'30"	21.78'	S 89°13'06" E
24	51.00'	22.26'	041°08'30"	21.78'	N 48°04'37" W
25	17.00'	25.16'	078°03'02"	21.41'	S 72°19'38" W
26	210.00'	54.59'	014°53'38"	54.43'	S 40°44'55" W
33	150.00'	163.25'	062°21'26"	155.31'	N 17°01'01" E

MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
102	S 03°19'50" E	30.26'
103	S 10°01'11" E	33.56'
104	S 07°21'35" E	36.06'
105	S 06°05'02" W	4.09'
106	S 16°14'45" W	1.57'
107	S 81°26'21" E	3.98'
108	S 35°13'53" E	19.80'
109	S 36°51'45" E	23.90'
110	S 30°41'02" E	28.14'
111	S 26°46'10" E	32.59'
112	S 25°13'05" E	19.39'
113	S 31°35'54" E	15.02'
114	S 26°08'15" E	18.59'
115	S 05°19'04" E	28.12'
116	S 07°52'22" E	50.72'
117	S 09°11'39" W	20.11'
118	S 16°31'11" E	31.79'
119	S 01°39'00" E	50.34'
120	S 05°43'06" W	50.45'
121	S 06°16'30" W	48.75'
122	S 04°47'18" W	65.03'
123	S 26°24'08" W	27.87'
124	S 31°23'57" W	8.50'
125	N 26°40'49" W	7.90'
126	N 44°59'27" W	23.33'
127	N 78°54'20" W	17.37'
128	N 62°02'56" W	21.38'
129	N 65°59'32" W	51.79'
130	N 68°09'22" W	32.86'
131	N 88°13'51" W	43.57'
132	S 61°12'39" W	26.66'
133	S 40°21'53" E	28.13'
134	S 42°46'21" E	33.50'

SEE SHEET 5 — 141 — 140 — 139 — 138 — 137 — 136 — 132 — 131 — 130 — 109 — 108 — 107 — 106

WATERMARK WAY — ZEPHYR WAY — TRACT K

SEE SHEET 9 — SEE SHEET 10 — SEE SHEET 9

S 42°01'49" E 275.15'

S 48°13'53" W 60.00'

R=230.00' A=217.69' CB=N 14°39'16" W

A=54.13' 42'

S 52°46'28" E 71.64'

TRACT J
12.549 AC±

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

WEST HALF OF GOVERNMENT LOT 1, SEC. 22, T 4 S, R 13 W

N 59°09'13" E 206.56'

N 63°36'05" W 157.40'

GOVERNMENT LOT 1, SEC. 22, T 4 S, R 13 W
GOVERNMENT LOT 2, SEC. 22, T 4 S, R 13 W

N 41°55'24" E 123.30'

S 65°55'35" E 100.71'

N 42°55'31" E 238.38'

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

N 75°22'16" W 130.94'

N 85°06'03" W 150.00' R 77.46'

N 09°14'10" W 110.38'

S 78°37'44" W 150.00' R 91.99'

S 62°21'30" W 139.06' 111.61'

N 25°11'18" W 220.07'

N 12°46'27" W 136.13'

N 89°42'20" W 38.68'

S 61°50'13" W 55.25'

N 15°53'43" W 283.87'

S 46°16'58" W 118.68'

UNPLATTED LAND

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

SEE SHEET 7

SEE SHEET 5 — 46

SPIRITSAIL COURT

S 75°50'18" W 14.04'

N 80°33'20" E 200.58' 128.69' 62.00'

47
0.385 AC±

N 80°33'20" E 223.32' 131.16' 67.15'

48
0.382 AC±

N 75°26'48" E 240.33' 131.22' 72.54'

49
0.429 AC±

N 75°26'48" E 271.19' 145.06' 49.50'

50
0.423 AC±

N 75°26'48" E 191.76' 113.05' 57.00'

51
0.381 AC±

MIZZEN DRIVE

52
0.397 AC±

53
0.466 AC±

54
0.386 AC±

55
0.319 AC±

56
0.323 AC±

57

58

59

60

61

SEE SHEET 7

TIDEWATER LANE

TOPSAIL COURT

105
0.301 AC±

104
0.288 AC±

103
0.296 AC±

102

101

100

L102 L103 L104 L105-L107 L108 L109 L110 L111 L112 L113 L114 L115 L116 L117 L118 L119 L120 L121 L122 L123 L124 L125 L126 L127 L128 L129 L130 L131 L132 L133 L134

EAST HALF OF GOVERNMENT LOT 1, SEC. 22, T 4 S, R 13 W

FD. SJPC CONC. MON. 2.20' N & 231.60' E OF THE SW COR. OF GOV'T LOT 1, SEC. 22, T 4 S, R 13 W

LAIRD BAYOU

LAIRD POINT PHASE ONE

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 7 OF 10

PLAT BK 20 PG 98, Page 7 of 10

PREPARED BY

BUCHANAN & HARPER, INC.

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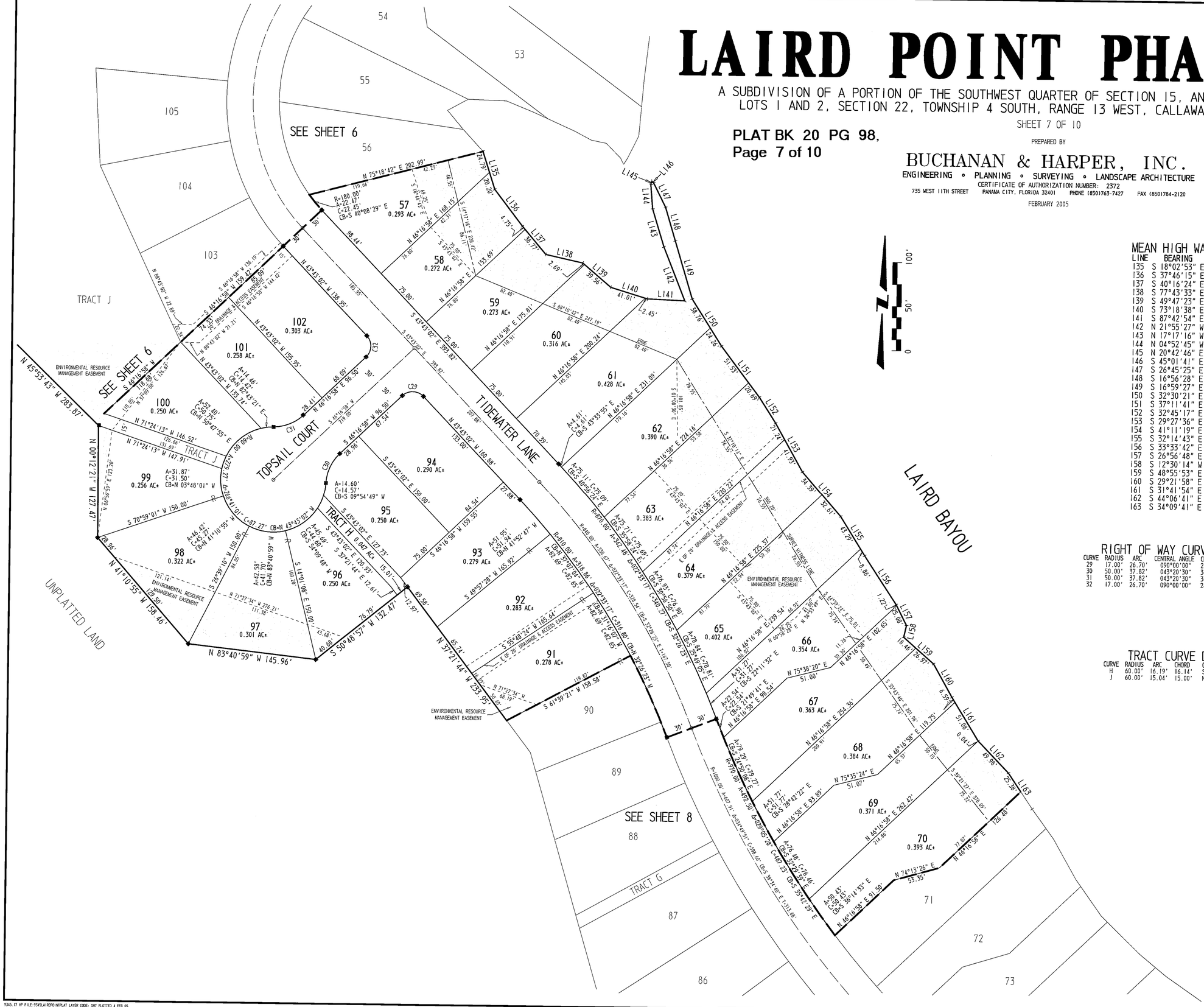
CERTIFICATE OF AUTHORIZATION NUMBER: 2372

735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 PHONE (850)763-7427 FAX (850)784-2120

FEBRUARY 2005


SEE SHEET 6
SEE SHEET 6
SEE SHEET 8
TRACT J
TRACT H
TRACT G
TOPSAIL COURT
TIDEWATER LANE
LAIRD BAYOU
UNPLATTED LAND
ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT
DRAINAGE & ACCESS EASEMENT
54
53
55
105
104
103
56
57 0.293 AC±
58 0.272 AC±
59 0.273 AC±
60 0.316 AC±
61 0.428 AC±
62 0.390 AC±
63 0.383 AC±
64 0.379 AC±
65 0.402 AC±
66 0.354 AC±
67 0.363 AC±
68 0.384 AC±
69 0.371 AC±
70 0.393 AC±
71
72
73
86
87
88
89
90
91 0.278 AC±
92 0.283 AC±
93 0.279 AC±
94 0.290 AC±
95 0.250 AC±
96 0.250 AC±
97 0.301 AC±
98 0.322 AC±
99 0.256 AC±
100 0.250 AC±
101 0.258 AC±
102 0.303 AC±
N 75°18'42" E 202.99'
S 46°16'58" W 159.27'
N 46°16'58" E 168.15'
N 43°43'02" W 138.95'
N 43°43'02" W 155.95'
N 46°16'58" E 96.50'
N 43°43'02" W 133.74'
N 71°24'13" W 146.52'
N 71°24'13" W 147.91'
N 00°56'59" E 123.20'
S 70°59'01" W 150.00'
N 41°10'55" W 158.46'
N 83°40'59" W 145.96'
S 50°48'57" W 132.47'
N 37°21'44" W 253.95'
S 61°59'21" W 158.58'
N 45°53'43" W 283.87'
N 43°43'02" W 160.88'
S 43°43'02" E 393.82'
S 43°43'02" E 150.00'
S 43°43'02" E 127.73'
S 43°43'02" E 120.93'
S 46°16'58" W 159.55'
S 46°16'58" W 96.50'
N 46°16'58" E 200.24'
N 46°16'58" E 231.09'
N 46°16'58" E 224.16'
N 46°16'58" E 220.27'
N 46°16'58" E 225.37'
N 46°16'58" E 239.54'
N 46°16'58" E 254.36'
N 46°16'58" E 269.42'
N 46°16'58" E 91.50'
N 46°16'58" E 119.75'
N 46°16'58" E 102.65'
S 43°43'02" E 393.82'
S 39°21'27" E 370.69'
S 32°30'21" E 63.02'
S 27°11'41" E 72.22'
S 32°45'17" E 34.50'
S 29°27'36" E 63.17'
S 41°11'19" E 67.00'
S 32°14'43" E 52.15'
S 33°33'42" E 66.19'
S 26°56'48" E 26.30'
S 12°30'14" W 13.68'
S 48°55'53" E 45.43'
S 29°21'58" E 43.04'
S 31°41'54" E 57.67'
S 44°06'41" E 50.01'
S 34°09'41" E 48.79'
R=180.00' A=22.47' C=22.45' CB=S 40°08'29" E
R=810.00' A=318.86' A=0°24'17" C=316.80' CB=N 37°21'44" W
R=970.00' A=342.10' A=20°12'37" C=340.27' CB=S 32°16'23" E
R=1050.00' A=407.91' A=22°15'49" C=405.40' CB=S 33°24'40" E
A=14.60' C=14.57' CB=S 09°54'49" W
A=31.87' C=31.50' CB=N 03°48'01" W
A=46.42' C=45.57' CB=N 41°10'55" W
A=45.69' C=45.40' CB=S 54°09'48" W
A=42.38' C=42.27' CB=N 83°40'59" W
A=52.40' C=52.25' CB=N 50°47'55" E
A=14.46' C=14.45' CB=N 82°43'21" E
A=4.61' C=4.61' CB=S 43°33'55" E
A=75.11' C=75.09' CB=S 40°59'21" E
A=75.71' C=75.69' CB=S 35°59'24" E
A=76.83' C=76.90' CB=S 30°39'59" E
A=78.84' C=78.81' CB=S 25°49'02" E
A=31.27' C=31.27' CB=S 22°11'32" E
A=22.54' C=22.54' CB=S 21°49'44" E
A=51.77' C=51.77' CB=S 28°42'22" E
A=39.29' C=39.27' CB=S 24°50'08" E
A=76.48' C=76.46' CB=S 32°20'35" E
A=50.43' C=50.43' CB=S 36°14'33" E
R=30.00' A=47.12' CB=S 45°16'58" E
R=30.00' A=47.12' CB=N 44°43'02" W
R=30.00' A=47.12' CB=S 45°16'58" W

LAIRD POINT PHASE ONE

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 8 OF 10

PREPARED BY

BUCHANAN & HARPER, INC.
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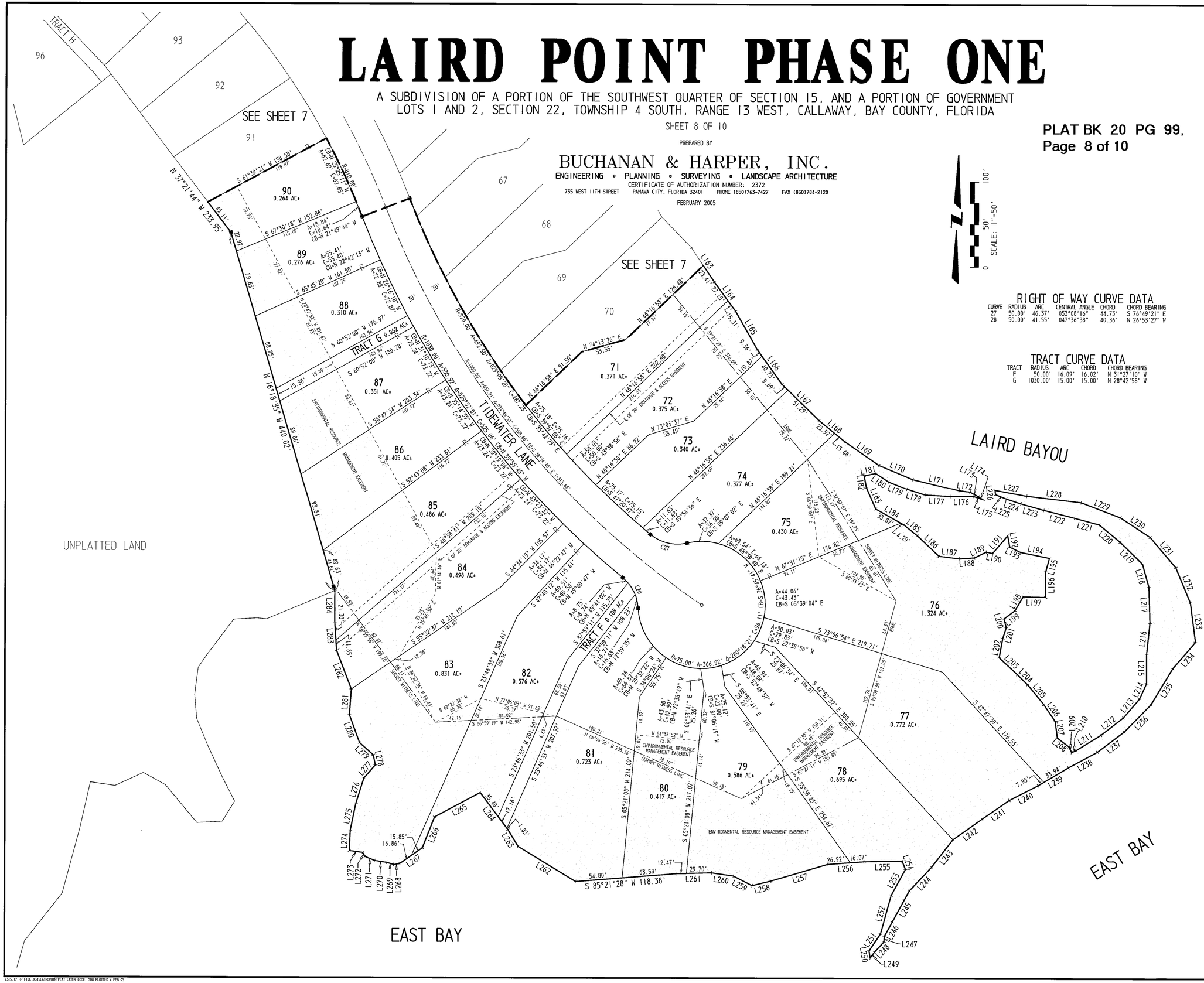
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 PHONE (850)763-7427 FAX (850)784-2120

FEBRUARY 2005

PLAT BK 20 PG 99, Page 8 of 10



MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
163	S 34°09'41" E	48.79'
164	S 36°10'43" E	42.46'
165	S 29°37'33" E	52.12'
166	S 35°34'07" E	50.09'
167	S 45°47'41" E	60.98'
168	S 50°42'09" E	39.60'
169	S 55°19'32" E	48.94'
170	N 67°17'14" E	43.19'
171	S 76°19'57" E	56.00'
172	S 82°31'50" E	13.18'
173	S 61°03'22" E	11.45'
174	S 57°15'52" E	6.29'
175	N 70°40'51" W	12.00'
176	S 89°34'52" W	27.42'
177	N 86°46'07" W	29.72'
178	N 72°07'55" W	22.18'
179	N 67°56'57" W	23.39'
180	N 56°41'48" W	18.24'
181	S 78°26'43" W	13.88'
182	S 10°36'04" E	14.89'
183	S 23°45'36" E	27.21'
184	S 60°47'21" E	38.10'
185	S 51°12'13" E	20.43'
186	S 46°32'45" E	34.93'
187	S 82°44'02" E	24.40'
188	N 85°59'00" E	17.72'
189	N 63°41'03" E	15.41'
190	S 78°35'39" E	7.62'
191	N 40°25'28" E	27.37'
192	S 10°17'44" E	13.52'
193	S 63°56'43" E	14.11'
194	S 78°29'36" E	34.99'
195	S 15°09'28" W	16.42'
196	S 00°02'39" W	30.18'
197	N 88°42'57" W	26.54'
198	S 30°44'21" W	19.13'
199	S 53°07'45" W	16.02'
200	S 14°22'13" E	10.65'
201	S 17°33'17" W	13.65'
202	S 10°24'02" W	22.80'
203	S 47°15'13" E	29.48'
204	S 45°42'32" E	17.07'
205	S 39°27'12" E	29.55'
206	S 34°24'04" E	24.28'
207	S 07°29'43" E	19.80'
208	S 53°08'10" E	17.42'
209	S 25°16'24" E	7.31'
210	N 64°53'21" E	6.05'
211	N 58°22'03" E	34.09'
212	N 52°07'11" E	33.31'
213	N 40°16'11" E	29.46'
214	N 24°25'58" E	19.71'
215	N 00°02'03" W	34.75'
216	N 05°57'38" E	36.54'
217	N 01°49'46" W	42.33'
218	N 15°30'16" W	28.47'
219	N 45°31'19" W	37.05'
220	N 50°24'13" W	31.58'
221	N 75°06'37" W	30.52'
222	N 75°52'58" W	37.41'
223	N 74°19'07" W	28.10'
224	N 71°55'50" W	18.11'
225	N 68°14'56" W	13.78'
226	N 06°07'20" W	5.14'
227	S 79°38'28" E	38.01'
228	S 83°24'27" E	64.78'
229	S 69°09'34" E	49.67'
230	S 56°41'00" E	41.79'
231	S 40°16'52" E	46.81'
232	S 22°35'08" E	45.13'
233	S 07°33'48" E	46.67'
234	S 40°41'46" W	41.25'
235	S 30°51'17" W	49.47'
236	S 44°20'31" W	44.84'
237	S 52°53'38" W	39.51'
238	S 61°40'00" W	38.82'
239	S 59°30'40" W	41.90'
240	S 62°59'31" W	37.86'
241	S 55°17'10" W	39.24'
242	S 54°38'51" W	41.85'
243	S 37°36'24" W	40.85'
244	S 43°01'48" W	38.45'
245	S 28°29'02" W	41.91'
246	S 28°51'45" W	19.36'
247	S 02°34'03" W	6.20'
248	S 42°25'19" W	16.57'
249	S 36°28'44" W	8.57'
250	N 08°11'35" W	8.60'
251	N 33°44'04" E	24.03'
252	N 15°21'20" E	46.96'
253	N 28°38'04" E	34.96'
254	N 21°24'33" W	10.54'
255	S 88°52'58" W	45.10'
256	S 85°44'57" W	42.99'
257	S 73°33'07" W	70.13'
258	S 76°02'07" W	22.37'
259	N 62°51'39" W	24.84'
260	N 81°56'24" W	25.99'
261	S 88°33'47" W	42.17'
262	N 58°46'11" W	79.49'
263	N 31°33'29" W	23.32'
264	N 37°09'19" W	54.39'
265	S 61°53'45" W	60.83'
266	S 21°13'06" W	39.19'
267	S 55°10'10" W	32.71'
268	S 82°18'26" W	7.10'
269	N 73°12'50" W	8.40'
270	N 81°20'08" W	14.19'
271	N 67°23'44" W	12.60'
272	N 28°52'00" W	5.32'
273	N 82°15'55" W	16.04'
274	N 02°32'22" E	24.12'
275	N 11°48'38" E	32.35'
276	N 17°37'27" E	31.04'
277	N 40°54'43" E	20.59'
278	N 11°58'43" W	12.10'
279	N 48°20'47" W	21.63'
280	N 20°10'56" W	34.77'
281	N 03°58'38" E	30.42'
282	N 20°56'05" W	48.86'
283	N 03°52'25" W	33.23'
284	N 00°04'05" W	37.07'

RIGHT OF WAY CURVE DATA

CURVE	RADIUS	ARC	CENTRAL ANGLE	CHORD	CHORD BEARING
27	50.00'	46.37'	053°08'16"	44.73'	S 76°49'21" E
28	50.00'	41.55'	047°36'38"	40.36'	N 26°53'27" W

TRACT CURVE DATA

TRACT	RADIUS	ARC	CHORD	CHORD BEARING
F	50.00'	16.09'	16.02'	N 31°27'10" W
G	1030.00'	15.00'	15.00'	N 28°42'58" W

SCALE: 1"=50'

9345.17 HP FILE:9345LAIRDPOINTPLAT LAYER CODE: SHB PLOTTED 4 FEB 05

PLAT BK 20 PG 100,
Page 9 of 10

LAIRD POINT PHASE ONE

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 9 OF 10

PREPARED BY

BUCHANAN & HARPER, INC.

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CERTIFICATE OF AUTHORIZATION NUMBER: 2372

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FEBRUARY 2005

SEE SHEET 4

SEE SHEET 5

SEE SHEET 6

SEE SHEET 10

UNPLATTED LAND

BOGGY BAYOU

TRACT N

TRACT J
12.549 AC±

TRACT M
0.177 AC±

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

ENVIRONMENTAL RESOURCE

MANAGEMENT EASEMENT

20' DRAINAGE & ACCESS EASEMENT

30' DRAINAGE & ACCESS EASEMENT

FLAGLER DRIVE

LANYARD COURT

BREEZE COURT

WATERMARK WAY

ZEPHYR WAY

GOVERNMENT LOT 1, SEC. 22, T 4 S, R 13 W
GOVERNMENT LOT 2, SEC. 22, T 4 S, R 13 W

R=380.00'
A=69.79'
Δ=010°31'24"
C=69.70'
CB=S 89°00'34" E

N 04°16'17" W 60.00'

N 06°15'07" E 79.96'

S 79°11'35" W 149.95'

N 77°38'58" W 203.42'

N 87°06'17" W 190.21'

N 38°06'29" W 170.48'

S 83°04'41" W 157.29'

N 13°28'59" W 94.89'

N 13°28'59" W 100.44'

S 64°07'18" W 167.36'

S 51°34'05" E 151.98'

S 64°54'35" W 140.06'

S 77°31'26" W 72.17'

N 78°51'55" W 101.90'

S 13°34'34" W 214.81'

S 50°14'36" W 167.17'

S 15°53'36" E 251.66'

N 05°50'45" W 149.39'

S 44°45'33" W 61.54'

S 48°13'55" W 60.00'

N 41°55'24" E 123.90'

R=250.00' A=279.38' Δ=064°01'44" C=265.07' CB=N 76°44'25" E

A=15.00'
C=15.00'
CB=N 84°09'17" E

RIGHT OF WAY CURVE DATA

CURVE	RADIUS	ARC	CENTRAL ANGLE	CHORD	CHORD BEARING
40	230.00'	93.22'	023°13'16"	92.58'	S 53°22'45" E
41	170.00'	68.90'	023°13'16"	68.43'	N 53°22'45" W
42	430.00'	102.67'	013°40'47"	102.42'	N 58°08'59" W
43	17.00'	24.91'	083°57'52"	22.74'	S 86°42'29" W
53	17.00'	24.91'	083°57'52"	22.74'	N 02°44'37" E
58	17.00'	24.69'	083°12'03"	22.57'	S 23°30'13" W
59	31.00'	22.26'	041°08'30"	21.78'	S 38°40'03" E
60	51.00'	22.26'	041°08'30"	21.78'	N 02°28'27" E
61	17.00'	24.69'	083°12'03"	22.57'	N 59°41'50" W
62	380.00'	46.60'	007°01'35"	46.57'	S 82°12'56" W

MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
329	N 17°31'45" E	75.58'
330	N 36°54'06" E	53.78'
331	N 43°44'26" E	29.91'
332	N 46°24'00" E	34.71'
333	N 54°30'50" E	31.57'
334	N 83°34'49" E	17.31'
335	S 71°36'01" E	27.95'
336	S 74°17'07" E	50.25'
337	S 69°12'15" E	28.80'
338	S 44°35'57" E	27.77'
339	S 63°02'26" E	36.27'
340	S 89°01'36" E	38.26'
341	N 74°42'14" E	23.32'
342	N 50°14'20" E	30.15'
343	N 20°59'52" E	26.04'
344	S 06°40'43" E	37.60'
345	N 74°00'53" E	24.17'
346	N 00°12'53" W	19.34'
347	N 41°48'30" W	19.97'
348	N 50°05'22" W	27.69'
349	S 63°46'24" W	29.78'
350	S 76°39'07" W	52.10'
351	N 61°10'01" W	40.28'
352	S 89°27'56" W	34.02'
353	N 44°54'57" W	39.83'
354	N 32°05'03" W	38.40'
355	N 28°17'34" W	34.39'
356	N 10°17'20" W	29.85'
357	N 09°14'04" E	56.31'
358	N 01°12'56" E	40.10'
359	N 13°25'23" W	34.12'

SCALE: 1"=50'

LAIRD POINT PHASE ONE

PLAT BK 20 PG 101,
Page 10 of 10

A SUBDIVISION OF A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

SHEET 10 OF 10

PREPARED BY

BUCHANAN & HARPER, INC.

ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE

CERTIFICATE OF AUTHORIZATION NUMBER: 2372

735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401 PHONE (850)763-7427 FAX (850)784-2120

FEBRUARY 2005

SCALE: 1"=50'

MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
287	N 17°19'01" W	34.39'
288	N 33°47'17" W	29.45'
289	N 73°04'13" W	37.88'
290	N 48°19'04" W	28.05'
291	N 28°21'18" W	12.65'
292	S 84°37'04" W	15.15'
293	N 88°56'10" W	20.08'
294	N 06°39'53" E	15.07'
295	N 31°45'00" W	11.13'
296	N 82°44'04" W	17.52'
297	N 00°34'49" W	41.48'
298	N 09°00'18" W	36.44'
299	N 22°49'54" E	29.28'
300	N 13°50'16" W	40.27'
301	N 21°29'22" W	38.24'
302	N 62°32'00" W	16.80'
303	N 18°46'25" W	13.43'
304	N 36°24'43" W	9.44'
305	N 24°16'12" W	27.81'
306	N 46°02'12" W	19.85'
307	N 80°20'28" W	21.50'
308	N 51°50'35" W	21.23'
309	N 64°13'11" W	42.97'
310	N 30°10'56" W	33.82'
311	N 25°45'18" W	37.75'
312	N 06°38'09" W	31.44'
313	N 15°43'40" W	48.94'
314	N 28°29'30" W	10.63'
315	N 36°40'33" W	11.98'
316	N 44°21'28" E	7.30'
317	N 83°16'27" E	12.55'
318	N 28°03'52" E	25.84'
319	N 27°21'40" E	74.54'
320	N 29°13'44" E	48.37'
321	N 09°54'33" E	30.20'
322	N 13°37'14" E	19.39'
323	N 04°22'33" W	35.98'
324	N 17°34'53" W	17.96'
325	N 07°27'39" W	5.52'
326	N 08°55'36" E	41.15'
327	N 19°08'02" E	47.07'
328	N 12°44'04" E	64.95'
329	N 17°31'45" E	75.58'

RIGHT OF WAY CURVE DATA

CURVE	RADIUS	ARC	CENTRAL ANGLE	CHORD	CHORD BEARING
40	230.00'	93.22'	023°13'16"	92.58'	S 53°22'45" E
41	170.00'	68.90'	023°13'16"	68.43'	N 53°22'45" W
42	430.00'	102.67'	013°40'47"	102.42'	N 58°08'59" W
43	17.00'	24.91'	083°57'52"	22.74'	S 86°42'29" W
44	17.00'	25.70'	086°37'09"	23.32'	S 65°26'42" W
45	780.00'	21.63'	001°35'19"	21.63'	S 22°55'47" W
46	50.00'	30.32'	034°44'46"	29.86'	S 06°21'04" W
47	50.00'	34.35'	039°21'50"	33.68'	N 42°54'47" E
48	720.00'	136.48'	010°51'37"	136.27'	N 17°48'04" E
49	50.00'	50.77'	058°10'55"	48.62'	N 16°43'12" W
50	50.00'	45.47'	049°48'27"	42.11'	S 36°22'47" W
51	780.00'	53.06'	003°53'52"	53.05'	S 13°25'30" W
52	17.00'	25.70'	086°37'09"	23.32'	S 27°56'09" E
53	17.00'	24.91'	083°57'52"	22.74'	N 02°44'37" E

TRACT CURVE DATA

TRACT	RADIUS	ARC	CHORD	CHORD BEARING
K	310.00'	38.65'	38.63'	S 79°16'49" W
M	250.00'	15.00'	15.00'	N 84°09'17" E

9545.17 HP FILE: 9545LAIRDPOINTPLAT LAYER CODE: SHEET PLOT DATE: 4 FEB 05

PHASE 1: DECLARATIONS

DECLARATION OF COVENANTS, CONDITIONS, AND RESTRICTIONS

FOR

LAIRD POINT

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DECLARATION OF COVENANTS, CONDITIONS, AND RESTRICTIONS FOR LAIRD POINT

THIS DECLARATION OF COVENANTS, CONDITIONS, AND RESTRICTIONS is made as of the date set forth on the signature page hereof by LAIRD POINT, a Georgia limited liability company (hereinafter referred to as the "Declarant" as defined herein below).

WITNESSETH

Declarant is the owner of the real property described in **Exhibit A** attached hereto and incorporated herein by this reference. Declarant intends by this Declaration to impose upon the **Exhibit A** property mutually beneficial restrictions, easements, covenants and conditions under a general plan of improvement and development for the benefit of all owners of property within Laird Point. Declarant desires to provide a flexible and reasonable procedure for the overall development, administration, maintenance, preservation, use and enjoyment of such property as is now or may hereafter be submitted to this Declaration; and

Declarant has retained and reserved the option, right and privilege, but not the obligation, to annex to the Community and subject to this Declaration all or any portion of the Additional Property, as defined hereinbelow;

NOW THEREFORE, Declarant hereby declares that all of the property described in **Exhibit A** and any Additional Property as made by subsequent amendment be added and subject to this Declaration shall be held, sold, and conveyed subject to the following easements, restrictions, covenants and conditions which are for the purpose of protecting the value and desirability of and which shall run with the real property submitted to this Declaration and which shall be binding on all parties having any right, title or interest in the property described on **Exhibit "A"** and any portion of the Additional Property made subject hereto, their heirs, successors, successors in title, and assigns, and shall inure to the benefit of each owner thereof.

ARTICLE 1: DEFINITIONS

The terms in this Declaration and the attached exhibits shall generally be given their natural, commonly accepted definitions except as otherwise specified. Capitalized terms shall be defined as set forth below.

1.1 "Additional Property": Shall mean and refer any property as may be adjacent to or contiguous with the **Exhibit "A"** Property. Property shall be deemed to be adjacent to or contiguous with the **Exhibit "A"** Property if it physically connects to such property, at any point, or if it is separated only by a road, public or private, or water course, including any river, creek or lake.

1.2 "Area of Common Responsibility": The Common Area, together with those areas, if any, for which the Association has or assumes responsibility pursuant to the terms of

this Declaration, any Supplemental Declaration, or other applicable covenant, contract or agreement.

1.3 "Articles of Incorporation" or "Articles": Shall mean or refer to the Articles of Incorporation of the Association as amended from time to time.

1.4 "Association": Shall mean and refer to the Laird Point Property Owners Association, Inc., a Florida non-profit corporation, its successors and assigns. The Association shall be governed by the Florida Home Owners Association Act set forth within Florida Statutes sections 7201.301-720.312 (the "Act").

1.5 "Board of Directors" or "Board": Shall mean and refer to the elected body of the Association having its normal meaning under the Florida Non-Profit Corporation Act and Law.

1.6 "Builder/Owner": Shall mean and refer to the Owner of a Lot, which Owner is designated, in writing, as a Builder/Owner by Declarant who, as a primary vocation, is in the business of construction of Residential Units and who owns such Lot for the purpose of development of a Residential Unit thereon and the sale thereof to a third party.

1.7 "By-Laws of the Association" or "By-Laws": Shall mean and refer to those By-Laws of the Association which govern the administration and operation of the Association, as the same may be amended from time to time.

1.8 "Common Area": Shall mean or refer to all real and personal property now and hereafter owned by the Association for the common use and enjoyment of the Owners or otherwise made available for the exclusive use and enjoyment of the Owners. The Common Area shall include, but not be limited to, the roads, streets, entrance ways, recreational areas, street lighting and signage located on property owned by the Association or made available for the exclusive use and enjoyment of the Owners.

1.9 "Common Expenses": Shall mean and refer to the actual and estimated expenses of operating the Association and the Community, including any reasonable reserve, all as may be imposed hereunder and found to be necessary and appropriate by the Board pursuant to this Declaration, the By-Laws and the Articles of Incorporation.

1.10 "Community": Shall mean and refer to that certain real property described in **Exhibit "A"** attached hereto and such additions thereto as may be made by Declarant by any Supplemental Declaration or amendment hereto which annexes to this Declaration all or any portion of the Additional Property.

1.11 "Community-Wide Standard": Shall mean the standard of conduct, maintenance or other activity generally prevailing in the Community as determined by the Declarant for so long as the Development Period continues and thereafter as determined by the Board.

1.12 "County": Bay County, Florida.

1.13 "Days": Calendar days; provided, however, if the time period by which any action required hereunder must be performed expires on a Saturday, Sunday or legal holiday, then such time period shall be automatically extended to the close of business on the next regular business day.

1.14 "Declarant": Shall mean Laird Point, LLC, the owner of the Properties submitted hereto, together with any successor in title who comes to stand in the relation to the Community as his predecessor. Notwithstanding the foregoing, the phrase "Owner" as referred to in this definition shall not include in its capacity as such any Mortgagee except for such Mortgagee who acquires said Declarant's entire interest with respect to the Properties and the Additional Property at the time of such acquisition pursuant to Foreclosure of a Mortgage encumbering said Declarant's interest in the Properties and the Additional Property and who then expressly assumes the position of Declarant.

1.15 "Declaration": Shall mean and refer to this Declaration of Covenants, Conditions and Restrictions and all amendments and Supplemental Declarations thereto filed for record in the Public Records of the County.

1.16 "Design Guidelines": The architectural and construction guidelines and application and review procedures applicable to all or any portion of the Community promulgated and administered pursuant to Article 9.

1.17 "Design Review Board": Shall mean and refer to that certain Board/Committee as empowered in accordance with Article 9 hereof.

1.18 "Development Period": The period of time during which the Declarant owns any property which is subject to this Declaration or has the unilateral right to subject Additional Property to this Declaration pursuant to Section 7.1. The Declarant may, but shall not be obligated to, unilaterally relinquish its rights under this Declaration and terminate the Development Period by recording a written instrument in the Public Records.

1.19 "Environmental Resource Management Easement": A negative easement shown on the Subdivision Plats, intended primarily as a natural vegetative buffer and stormwater management area, all as provided in Section 2.9 hereof.ign Review Board and, during the Development Period, without the consent of the Declarant.

1.19 "Exclusive Common Area": A portion of the Common Area intended for exclusive use or primary benefit of one or more, but less than all Lots, as more particularly described in Article 2.

1.20 "Foreclosure": Shall mean and refer to, without limitation, the judicial or non-judicial foreclosure of a Mortgage or the conveyance of a secured party by a deed in lieu of such judicial or non-judicial foreclosure.

1.21 "General Assessments": Assessments levied on all Lots subject to assessment under Article 8 to fund Common Expenses for the general benefit of all Lots, as more particularly described in Article 8.

1.22 "Governing Documents": The Declaration, By-Laws, Articles of Incorporation, all Supplemental Declarations, all Design Guidelines, the rules and regulations of the Association, and all additional covenants governing any portion of the Properties or any of the above, as each may be amended from time to time.

1.23 "Institutional Mortgage": Shall mean and refer to a Mortgage held by a bank, trust company, insurance company, or other recognized lending institution, or by an institutional or governmental purchaser of mortgage loans in the secondary market, such as Federal National Mortgage Association or Federal Home Loan Mortgage Corporation.

1.24 "Lot": Shall mean and refer to a platted portion of the Properties other than the Common Area, intended for independent use or ownership. Lots shall be shown on the plats of survey filed with this Declaration in the Public Records of the County, or amendments thereto, or may be further described in any amendment to this Declaration or Supplemental Declaration which may be made applicable to all or any portion of the Properties. The term "Lot" shall include within its meaning, but shall not be limited to, a numbered parcel identified on a plat of the Properties recorded in the Public Records which is intended for independent ownership and shall, for all purposes, include the Residential Unit as may be located thereon. Tract L, as designated on the Subdivision Plat for Laird Point Phase I shall not be treated as a Lot for any purpose as long as it remains vacant, except as may be provided in a Supplemental Declaration.

1.25 "Majority": Those votes, Owners, Members, or other group, as the context may indicate, totaling more than fifty percent (50%) of the total eligible number.

1.26 "Member": Shall mean and refer to a person or entity entitled to membership in the Association as provided herein.

1.27 "Modifications Committee": Shall mean and refer to that certain Committee of the Association as empowered in accordance with Article 9 hereof.

1.28 "Mortgage": Shall mean and refer to a deed to secure debt, deed of trust, as well as a Mortgage, and a "First Mortgage" is a first priority deed to secure debt, deed of trust or mortgage.

1.29 "Mortgagee": Shall mean and refer to the grantor, holder or beneficiary of a Mortgage.

1.30 "Owner": Shall mean and refer to the record owner, whether one or more persons or entities, of any Lot which is part of the Properties but excluding in all cases any party holding an interest merely as security for the performance of an obligation. When the term Owner is used it shall include a Builder/Owner, unless the context otherwise so requires.

1.31 "Person": A natural person, a corporation, a partnership, a limited liability company, a fiduciary acting on behalf of another Person or any other legal entity.

1.32 "Phase": Shall mean and refer to the increments of Property subjected to this Declaration including the initial Phase described on **Exhibit "A"** hereto and subsequent Phases described in any amendments or Supplemental Declarations annexing all or any portion of the Properties hereto, each such described Property being a separate Phase.

1.33 "Properties": Shall mean and refer to the real property described on **Exhibit "A"** attached hereto and shall further refer to such Additional Property or part thereof when and if such is annexed by amendment or Supplemental Declaration to this Declaration. The Properties shall include the Common Area.

1.34 "Public Records": The Official Records of the Clerk of the County.

1.35 "Residential Unit": Shall mean and refer to any portion of the Properties intended for use and occupancy as a residence or accommodation by a single household and shall, unless otherwise specified, include within its meaning by way of illustration and not limitation, single-family detached homes. For purpose of this Declaration, a Residential Unit shall come into existence when substantially complete.

1.36 "Rules and Regulations": Shall mean and refer to those Rules and Regulations as promulgated by the Board of Directors of the Association pursuant to this Declaration and By-Laws.

1.37 "Special Assessments": Assessments levied in accordance with Section 8.4.

1.38 "Specific Assessments": Assessments levied in accordance with Section 6.4 or Section 8.5.

1.39 "Subdivision Plats": Shall mean and refer to the Plats recorded by Declarant in the Public Records which depict the Lot within the Community or any Phase of the Properties.

1.40 "Supplemental Declaration": Shall mean and refer to a Declaration of Covenants, Conditions and Restrictions which, from and after date of recording of this Declaration, may be executed by Declarant or approved, in writing, by Declarant which, by its terms, provides for restrictions on the use of Property or respective Phase in a specified manner, as set forth therein. By way of example and not limitation, a Supplemental Declaration may establish supplemental restrictive covenants, conditions or restrictions applicable to a Phase which provide for restrictions regarding design guidelines for Residential Units or provide for supplemental restrictive covenants, conditions or restrictions as may be applicable to any respective portion of the Properties annexed and made subject to the terms of this Declaration.

ARTICLE 2: PROPERTY RIGHTS

2.1 Development of the Properties. Except as otherwise set forth in Section 10.5, or as permitted by a Supplemental Declaration as may be applicable to a respective Phase, all Lots within the Properties (i) shall be and are hereby restricted exclusively to single-family residential use (ii) shall be developed and built upon only for detached single family dwelling purposes and (iii) shall be subject to the standards and restrictions set forth in this Declaration including, specifically, Article 9 hereof and Design Guidelines adopted pursuant to this Declaration. Declarant shall have the right, but not the obligation, during the Development Period to make improvements and changes to all Common Area and to all Lots owned by Declarant, including, without limitation, (i) installation and maintenance of any improvements in and to the Common Area, (ii) changes in the location of the boundaries of any Lots owned by Declarant or of the Common Area, (iii) installation and maintenance of any water, sewer, and other utility systems and facilities, and (iv) installation of security and/or refuse facilities.

2.2 Development of Additional Property. Declarant hereby reserves the option, right and privilege (but not the obligation), to be exercised in its sole discretion, to submit from time to time the Additional Property or a portion or portions thereof to the provisions of this Declaration and thereby to cause the Additional Property or a portion or portions thereof to become part of the Properties. This option, right or privilege may be exercised only by Declarant in accordance with the terms, conditions, and limitations set forth in Article 7 hereinbelow, which are the only terms, conditions and limitations on such option, right and privilege to add all or any portion of the Additional Property to the Properties. Notwithstanding any other provision hereof, the area designated as Tract L in the Subdivision Plat of Laird Point Phase I shall not be subject to any restrictions on development or use, unless otherwise provided in a Supplemental Declaration.

2.3 Easement of Enjoyment. Every Owner, including each Builder/Owner shall have a right and easement of enjoyment in and to the Common Area subject to any restrictions, limitations, or provisions contained in this Declaration. Such right and easement may be exercised by the Owner, including Builder/Owner, as the case may be, and the members of their respective family and their respective tenants, licensees and invitees, subject to such reasonable regulations and procedures as may be adopted by the Board. An Owner, including each Builder/Owner, may assign to any tenant thereof all rights of access to and use of the Common Area so that such tenant, and its respective licensees and invitees shall be entitled to access to and use and enjoyment of the Common Area on the same basis as the assignor and his family and guests. The aforementioned right and easement of enjoyment shall be appurtenant to and shall pass with the title to every Lot subject to the following easements, reservations, rights and provisions, which are expressly reserved hereby:

(a) the right of the Association to suspend an Owner's voting rights, if any, and right to use the facilities as may be located on the Common Area for any period during which (i) any Association assessment against said Owner's property remains unpaid and (ii) for any infraction of the Rules and Regulations for the duration of the infraction and for an additional period thereafter not to exceed thirty (30) days;

(b) the right of the Association to borrow money (i) for the purpose of improving the Common Area, or any portion thereof, (ii) for acquiring additional Common Area, (iii) for constructing, repairing, maintaining or improving any facilities located or to be located within the

Common Area, or (iv) for providing the services authorized herein, and, subject to the provisions herein, to give as security for the payment of any such loan a Mortgage; provided, however, that the lien and encumbrance of any such Mortgage given by the Association shall be subject and subordinate to any and all rights, interests, options, licenses, easements and privileges herein reserved or established for the benefit of Declarant, any Owner, or the holder of any Mortgage, irrespective of when such Mortgage was executed or given. Notwithstanding the above, or any other provision of this Declaration to the contrary, during the Development Period, the Association shall not, without the consent of Declarant, borrow money or pledge, mortgage or hypothecate all or any portion of the Common Area;

(c) the right of the Association to grant and accept easements as provided herein and to dedicate or transfer fee simple title to all or any portion of the Common Area to the County or to any other public agency or authority, public service district, public or private utility, or other Person provided that any such transfer of the fee simple title must be approved by a Majority of those present in person or by proxy at a duly held meeting of the Association and by Declarant, during the Development Period; provided nothing herein shall require the County or any public agency or authority of the County to accept any such conveyance until the standards of such proposed grantee have been met and satisfied;

(d) the right of the Declarant or the Association, with the approval of Declarant, to dedicate, transfer, or grant permits, licenses, or easements in and to the Common Area for utilities, roads, and other purposes reasonably necessary or useful for the proper development, maintenance, or operation of the Properties, the Additional Property and the Association;

(e) the terms of any permit, license, or other authorization or regulation of any governmental agency, including without limitation any matter related to stormwater or wetland management.

2.4 Exclusive Common Area.

(a) The Declarant may designate certain portions of the Common Area as Exclusive Common Area which thereby shall be reserved for the exclusive use or primary benefit of Owners and occupants of specified Lots. By way of illustration and not limitation, Exclusive Common Areas may include entry features, private streets, landscaped medians and cul-de-sacs, and shared driveways. All costs associated with maintenance, repair, replacement, and insurance of an Exclusive Common Area shall be equally assessed as a Specific Assessment against the Owners of Lots to which the Exclusive Common Areas are assigned.

(b) Exclusive Common Area shall be designated as such, and the exclusive use thereof shall be assigned, in the deed by which the Common Area is conveyed to the Association, this Declaration, a Supplemental Declaration and/or on the subdivision plat relating to such Common Area; provided however, any such assignment shall not preclude the Declarant from later assigning use of the same Exclusive Common Area to additional Lots during the Development Period. Thereafter, a portion of the Common Area may be assigned as Exclusive Common Area of a particular Lot and Exclusive Common Area may be reassigned upon approval of the Board and the Majority vote of the total Class "A" Members in the Association.

including, if applicable, a Majority vote of the Class "A" Members to which the Exclusive Common Area is assigned, if previously assigned, and to which the Exclusive Common Area is to be assigned or reassigned.

(c) The Association may, upon approval of a Majority vote of the Class "A" Members to which any Exclusive Common Area is assigned, permit Owners of other Lots to use all or a portion of such Exclusive Common Area upon payment of reasonable user fees, which fees shall be used to offset the Specific Assessments attributable to such Exclusive Common Area.

2.5 No Partition. Except as is permitted in this Declaration, there shall be no partition of the Common Area or any part thereof, nor shall any person acquiring any interest in any of the Properties or any part thereof seek any such partition, judicial or otherwise, unless the affected area has been removed from the provisions of this Declaration. This section shall not be construed to prohibit the Board of Directors from acquiring and disposing of tangible personal property nor from acquiring title to real property which may or may not be subject to this Declaration.

2.6 Interest Subject to Plan of Community. Every Owner of a Lot shall take title to such Lot and every Mortgagee and lienholder holding an interest therein shall take title or hold such security interest with respect thereto subject to this Declaration, as may be amended. Any provision of this Declaration to the contrary notwithstanding, the provisions set forth in this Article 2 may not be abrogated, modified, rescinded, supplemented, or amended in whole or in part without the prior written consent of Declarant.

2.7 Subdivision Plat.

(a) Declarant reserves the right to record, modify, amend, revise and add to, at any time and from time to time, Subdivision Plat(s) setting forth such information as Declarant may deem necessary with regard to the Properties, including, without limitation, the locations and dimensions of the Lots, Common Area, Additional Property, utility systems, drainage systems, utility easements, drainage easements, access easements, and set-back line restrictions.

(b) Until the time a Lot within a respective Phase is transferred by the Declarant to another (other than a Builder/Owner, an affiliate of Declarant, or a holder of a First Mortgage), no Owner of any Lot or Residential Unit shall have any rights whatsoever to the continuation of any covenants, or restrictions on such Phase as contained herein or as may be imposed, expressly or impliedly, by recordation of any Subdivision Plat or as might otherwise be implied or expressed. In furtherance thereof, until the time a Lot within a respective Phase is transferred by the Declarant as aforementioned, the Declarant may revoke or cancel any Subdivision Plat or other instrument which might be deemed, either expressly or impliedly, to impose any covenants, conditions, or restrictions or may take whatever steps it deems necessary or desirable to avoid the implication of such existing.

2.8 Property Rights. Each Lot shall for all purposes constitute real property which may be owned in fee simple and which, subject to the provisions of this Declaration or any Supplemental Declaration, may be conveyed, transferred, and encumbered the same as any other real property. Each Owner shall be entitled to the exclusive ownership and possession of his Lot, subject to the

provisions of this Declaration, including without limitation, the provisions of this Declaration. If any chutes, flues, ducts, conduits, wires, pipes, plumbing, or any other apparatus or facilities for the furnishing of utilities or other services to a Lot is conveyed therewith and lies partially within and partially outside of the designated boundaries of the Lot in question, any portions thereof which serve only such Lot shall be deemed to be a part of such Lot and any portions thereof which serve more than one Lot or any portion of the Common Area, shall be deemed to be part of the Common Area. The ownership of each Lot shall include, and there shall pass with the title to each such Lot as an appurtenance thereto, whether or not separately described, all rights of a Member in the Association and all of the right and interest of use in and to the Common Area as set forth herein.

2.9 Environmental Resource Management Easements. No Unit Owner may clear, construct, improve, or develop any portion of the Environmental Resource Management Easement lying on a Lot without the consent of the Design Review Board and, during the Development Period, without the consent of the Declarant. The Declarant reserves the right to grant easements and use rights in the Environmental Resource Management Easements within the Properties, whether lying on Common Area or a Lot, for stormwater discharge, sheet flow drainage, boardwalks, trails, pedestrian or vehicular access, recreational activities, maintenance activities associated with an approved wetlands management plan or dredge and fill permit, or similar purposes, and to improve the property underlying said easements for such purposes.

ARTICLE 3: MEMBERSHIP AND VOTING RIGHTS

3.1 Membership. Subject to Section 2 of this Article, every person who is the record owner of a fee or undivided fee interest in any Lot which is subject to this Declaration shall have a membership in the Association. Membership shall be appurtenant to and may not be separated from ownership of any such Lot, and such ownership of a Lot which is subject to this Declaration shall be the sole qualification for such membership. In the event that fee title to such a Lot is transferred or otherwise conveyed, the membership in the Association which is appurtenant thereto shall automatically pass to such transferee, notwithstanding any failure of the transferror to endorse to his transferee any certificates or other evidences of such membership. The foregoing is not intended to include persons who had an interest merely as security for the performance of an obligation, and the giving of a security interest shall not terminate the Owner's membership.

3.2 Multiple Owners. No Owner, whether one or more persons, shall have more than one (1) membership per Lot owned; provided, however, multiple use rights for multiple Owners shall exist subject, however, to the right of the Board to regulate and limit use by multiple Owners. Each Owner, by acceptance of a deed or other conveyance for a Lot , consents and agrees to the dilution of his or her voting interest in the Association by virtue of the submission from time to time of the Additional Property or any portion or portions thereof to the terms of this Declaration as provided herein. The rights and privileges of membership, including the right to vote, may be exercised by a Member or the Member's spouse.

3.3 Voting. The Association shall have two (2) classes of membership, Class "A" Class and "B".

(a) Class "A". Class "A" Members shall be all Owners, including Builder/Owners, with the exception of the Class "B" Members. Class "A" Members shall be entitled on all issues to one (1) vote for each Lot in which they hold the interest required for membership by Section 1 hereof. When more than one person holds such interest in any Lot, the vote for such Lot shall be exercised as those Owners themselves determine and if one of such multiple owners exercises the vote without opposition by any other of such multiple owners at the same time such vote is exercised, the vote shall be as so exercised. In the event more than one of such multiple owners seek to exercise the vote or if any one of such multiple owners dispute any others right to so vote, the Lot's vote shall be suspended.

(b) Class "B". The Class "B" Member shall be the Declarant. Until termination of the Class "B" vote, as provided for below, the Class "B" Member shall be entitled to three (3) times the total number of then existing Class "A" votes and the Class "B" Member may appoint the members of the Board of Directors and Officers of the Association. The Class "B" membership shall terminate upon the happening of the earlier of the following:

(i) three (3) months after ninety percent (90%) of the lots in all phases of the Community that will ultimately be operated by the Association have been conveyed to Members other than the Declarant; or

(ii) when, in its discretion, the Declarant so determines.

From and after the happening of these events, whichever occurs earlier, the Class "B" Member shall be deemed to be a Class "A" Member entitled to one (1) vote for each Lot in which it holds the interest required for membership under Section 1 hereof, except for purposes of requiring control of the Association or selecting the majority of the Members of the Board.

3.4 Exercise of Voting Rights. In any situation where a Member is entitled to exercise a vote for a Lot and there is more than one (1) Owner of the Lot, the vote for such Lot shall be exercised as the co-Owners determine among themselves and notify the secretary of the Association in writing prior to the vote being taken. Absent notice to the secretary, the Lot's vote shall be suspended if more than one (1) Person seeks to exercise it.

3.5 Declarant Control. Notwithstanding any other provision to the contrary within this Declaration, the Articles of Incorporation or the By-Laws for the Association, Declarant hereby retains the authority and right to appoint and remove any member or members of the Board of Directors of the Association and any officer or officers of the Association until such time as the Class B membership terminates. Every Grantee of any interest in the Properties, by acceptance of a deed or other conveyance of such interest, agrees that Declarant shall have the authority to appoint and remove directors and officers of the Association in accordance with the foregoing provisions of this section. Upon the expiration of the period in which Declarant maintains the authority and right to appoint and remove members of the Board and officers of the Association, such right shall pass to the Members, including Declarant, if Declarant then owns one or more Lots, and a special meeting of the Association shall be called within ninety (90) thereafter. At such special meeting, the Members shall elect a new Board which shall undertake the responsibilities of the Board, and

Declarant shall deliver all books, accounts, and records, if any, which Declarant has kept on behalf of the Association and any agreements or contracts, executed by or on behalf of the Association during such period in which Declarant has in its possession.

3.6 Declarant Documents. Within no more than ninety (90) days following the formation of the Class "B" membership, the Declarant shall, at its sole cost and expense, deliver to the Board any and all documents required by the Act.

ARTICLE 4: RIGHTS AND OBLIGATIONS OF THE ASSOCIATION

4.1 Function of Association. The Association shall be the entity responsible for management, maintenance, operation and control of the Area of Common Responsibility and all improvements thereon. The Association shall be the primary entity responsible for enforcement of this Declaration and such reasonable rules regulating use of the Properties as the Board may adopt pursuant to Article 10. The Association shall also be responsible for administering and enforcing the architectural standards and controls set forth in this Declaration and in the Design Guidelines. The Association shall perform its functions in accordance with the Governing Documents and the laws of the State of Florida.

4.2 Common Area. The Association, subject to the rights of the Owners set forth in this Declaration, shall manage and control the Common Area and all improvements thereon (including, without limitation, landscaping, recreational facilities, furnishings, equipment, and other personal property of the Association), and shall keep it in attractive condition and good repair, consistent with the Community-Wide Standard. The Board is specifically authorized, but not obligated, to retain or employ professional management to assist in carrying out the Association's responsibilities under this Declaration, the cost of which shall be a Common Expense.

4.3 Services. The Association may obtain and pay for the services of any person or entity to manage its affairs or any part thereof and any other personnel as the Association's Board of Directors shall determine to be necessary or desirable for the proper operation of the Properties. Such personnel may be furnished or employed directly by the Association or by any person or entity with whom or with which it contracts. The Association may obtain and pay for legal, accounting and any other professional services necessary or desirable in connection with the operation of the Properties or the enforcement of this Declaration. The Association may, but shall not be required to, arrange as an Association expense with others to furnish trash collection, security, cable television, and other common services to each Lot or Residential Unit within the Community. All costs and expenses incident to any of the foregoing shall be a Common Expense payable by the Association.

4.4 Personal Property and Real Property for Common Use. The Association through the action of its Board may acquire, hold, and dispose of tangible and intangible personal property and real property. The Declarant and its designees, with the Declarant's prior written consent, may convey to the Association improved or unimproved real estate, or interests in real estate, located within the property described in **Exhibit A** or within the Additional Property, personal property and leasehold and other property interests. Such property shall be accepted by

the Association and thereafter shall be maintained by the Association at its expense for the benefit of its Members. Declarant shall not be required to make any improvements or repairs whatsoever to property to be conveyed and accepted pursuant to this Section.

4.5 Power to Contract. The Association may, acting through its Board, enter and make contracts with any and all Parties as determined by the Board, including contracts with any other residential or commercial associations, or neighborhoods within or adjacent to the Community to provide services and/or perform services on behalf of such other association or neighborhood. The Association may, acting through its Board, contract with any governmental division, department or agency for such to provide services on its or its Members behalf.

4.6 Rules and Regulations.

(a) The Association, through its Board, may establish reasonable Rules and Regulations concerning the use of the Common Area and improvements located thereon. Rules or Regulations shall not, however, diminish, alter, interfere with, or affect the rights of use, easements, permits, privileges, or licenses provided to Declarant, and their respective invitees, licensees, guests, successors and assigns. Furthermore, no Rule or Regulation shall affect or treat Declarant, and their respective invitees, licensees, guests, successors and assigns in a manner more restrictively than the Association's Rules and Regulations may affect or treat its Class "A" Members. Copies of such Rules and Regulations and amendments thereto shall be furnished by the Association to all Owners and the Declarant prior to the Rules and Regulations effective date. Such Rules and Regulations shall be binding upon the Owners and users, their families, tenants, guests, invitees, and agents, until and unless such Rules or Regulations requirement is specifically overruled, canceled, or modified by the Board.

(b) All provisions of this Declaration, the By-Laws and any Rules and Regulations promulgated by the Board, the Design Standards which govern the conduct of Owners and which provide for sanctions against Owners shall also apply to all occupants of Lots and guests and invitees of occupants or Owners. The Owner of each Lot shall be responsible for ensuring that the occupant, and the guests, invitees and licensees of the Owner or the occupants strictly comply with all provisions of the Declaration, By-Laws, Design Standards and Rules and Regulations promulgated by the Board. Fines may be levied against Owners or occupants for violations of the Rules and Regulations, Declaration, By-Laws or Design Standards, provided the saem are levied in accordance with the Act. If a fine is levied first against an occupant and is not paid within thirty (30) days, the fine may then be imposed against the Owner of the Lot wherein the occupant resides.

4.7 Enforcement.

(a) The Board may impose sanctions for violation of the Governing Documents after compliance with the notice and hearing procedures set forth in the By-Laws and the Act. In the event that any occupant, guest or invitee of a Lot violates the Governing Documents, the Board or any committee established by the Board, with the Board's approval, may sanction such occupant, guest or invitee and/or the Owner of the Lot that the violator is occupying or visiting. Sanctions may include the actions enumerated below. In every instance

in which the Board may act, any committee established and approved by the Board, may act in the Board's stead.

(i) The Board may impose reasonable monetary fines which shall constitute a lien upon the Lot of the violator; provided no such fee shall be levied for more than One Hundred ($100.00) Dollars for any one violation; but each day or time a violation is continued or repeated after: (i) a single written notice is given to the Owner to cease and desist; and (ii) the Owner is provided an opportunity for hearing, it shall be considered a separate violation. Fines may exceed the aggregate amount permitted under the Act and collection of fines may be enforced against an Owner as if such charges were a Common Expense owed by the Owner involved. In the event that any occupant, guest or invitee of a Lot violates the Governing Documents and a fine is imposed, the fine shall first be assessed against the occupant; provided however, if the fine is not paid by the occupant within the time period set by the Board, the Owner shall pay the fine upon notice from the Board.

(ii) The Board may suspend an Owner's right to vote for the nonpayment of General Assessments that are delinquent in excess of ninety (90) days.

(iii) The Board may suspend any Person's right to use any recreational facilities within the Common Area; provided however, nothing herein shall authorize the Board to limit ingress or egress to or from a Lot.

(iv) The Board may suspend any services provided by the Association to an Owner or the Owner's Lot if the Owner is more than thirty (30) Days delinquent in paying any assessment or other charge owed to the Association.

(v) The Board may levy Specific Assessments to cover costs incurred in bringing a Lot into compliance in accordance with Section 8.5(b) and 9.12.

(b) The Association may also elect to enforce the provisions of the Governing Documents by filing suit at law to recover monetary damages or in equity to enjoin any violation, or both.

(c) In addition, the Board, or the covenants committee if established, may elect to enforce any provision of the Governing Documents by self-help as more particularly described in Section 5.2(c) and 9.10 (specifically including, but not limited to the filing of liens for non-payment of assessments and/or notices of violations in the Public Records, the towing of vehicles that are in violation of parking rules and the removal of pets that are in violation of pet rules). Entry onto a Lot under this Section shall not be deemed a trespass.

(d) In any action to enforce the provisions of this Declaration, the By-Laws, any Supplemental Declaration, or any rule or regulation, if the Association prevails, it shall be entitled to recover all costs, including, without limitation, reasonable attorneys' fees and court costs, incurred in such action.

(e) The Association shall not be obligated to take action to enforce any covenant, restriction, or rule which the Board in the exercise of its business judgment determines is, or is likely to be construed as, inconsistent with applicable law, or in any case in which the Board reasonably determines that the Association's position is not strong enough to justify taking enforcement action. Any such determination shall not be construed a waiver of the right of the Association to enforce such provision under any circumstances or estop the Association from enforcing any other covenant, restriction or rule.

(f) The Association, by contract or other agreement, may enforce County, City, State or Federal ordinances, laws, or rules if applicable, and permit local governments to enforce ordinances on the Properties for the benefit of the Association and its Members.

4.8 Implied Rights. The Association may exercise any right or privilege given to it expressly by this Declaration or the By-Laws, or reasonably implied from or reasonably necessary to effectuate any such right or privilege.

4.9 Indemnification. The Association shall indemnify every officer, director, and Design Review Board or committee member against all damages, liabilities, and expenses, including reasonable attorneys fees, incurred in connection with any action, suit, or other proceeding (including settlement of any suit or proceeding, if approved by the then Board of Directors) to which he or she may be a party by reason of being or having been an officer, director, Design Review Board or committee member, except that such obligation to indemnify shall be limited to those actions for which liability is limited under this Section, the Articles of Incorporation and Florida law. The officers, directors, and Design Review Board or committee members shall not be liable for any mistake of judgment, negligent or otherwise, except for their own individual willful misfeasance, malfeasance, misconduct, or bad faith. The officers, directors, and Design Review Board or committee members shall have no personal liability with respect to any contract or other commitment made or action taken in good faith on behalf of the Association (except to the extent that such officers, directors, or Design Review Board or committee members may also be Members of the Association). The Association shall indemnify and forever hold each such officer, director, and Design Review Board or committee member harmless from any and all liability to others on account of any such contract, commitment or action. This right to indemnification shall not be exclusive of any other rights to which any present or former officer, director, or Design Review Board or committee member may be entitled. The Association shall, as a Common Expense, maintain adequate general liability and officers' and directors' liability insurance to fund this obligation, if such insurance is reasonably available.

4.10 Security. The Association may, but shall not be obligated to, maintain or support certain activities within the Properties designed to make the Properties safer than they otherwise might be. Neither the Association, the original Declarant, nor any successor Declarant shall in any way be considered insurers or guarantors of security within the Properties, nor shall any of them be held liable for any loss or damage by reason of failure to provide any security system or measure, including any mechanism or system for limiting access to the Properties, cannot be compromised or circumvented, nor that any such system or security measure undertaken will in all cases prevent loss or provide the detection or protection for which the system is designed or

intended. Each Owner acknowledges, understands and covenants to inform its tenants and all occupants of its Lot that the Association, its Board of Directors and committees, Declarant, and any successor Declarant are not insurers and that each Person using the Properties assumes all risks of personal injury and loss or damage to property, including Lots and the contents of Lots, resulting from acts of third parties.

4.11 Power to Assess. The Association shall have the right and power, as more particularly set forth in this Declaration, to fix, levy, collect, and enforce payment by any lawful means, all charges and assessments pursuant to the terms of this Declaration, to pay all expenses in connection therewith, and all office and other expenses incident to the conduct and affairs of the business of the Association.

4.12 Board Right to Act. To the extent not otherwise required by the provisions of the Florida Statutes relating to Not-for-Profit Corporations, this Declaration, the By-Laws, or the Articles of Incorporation, the powers granted to the Association by this Declaration or the Articles of Incorporation or By-Laws of the Association shall be exercised by the Board of Directors, acting through the Officers of the Association, without any further consent or action on the part of the Members.

ARTICLE 5: MAINTENANCE

5.1 Association's Responsibility.

(a) The Association shall maintain and keep in good condition, order and repair the Area of Common Responsibility, which shall include, but need not be limited to:

(i) Common Area and the facilities located therein;

(ii) all landscaping and other flora and all structures and improvements, including but not limited to any gates, gate house, entry features, fencing, private streets, parking areas, sidewalks, streetlights, parks, trails and recreational vehicle storage area situated upon the Common Area;

(iii) all furnishings, equipment and other personal property of the Association;

(iv) any landscaping and other flora, buffers, entry features, fencing, streetlights, structures and improvements within public or private rights-of-way within or abutting the Properties or upon such other public land adjacent to the Properties as deemed necessary in the discretion of the Board (provided that no development, construction, or significant landscaping shall be permitting within the right-of-ways without the consent of the local government having jurisdiction over the property); and

(v) any wetlands or marsh areas located within the Common Area, provided that such areas are maintained in accordance with any restrictions or covenants recorded against such property.

(vi) the operation and maintenance of any storm water management facilities located within the Properties, provided that such areas are maintained in accordance with any federal and/or State laws including, but not limited to Florida Administrative Code Rule 62-25.027 (2)(b) and (3).

(vii) such additional portions of any property included within the Area of Common Responsibility as may be dictated by the Governing Document, or any contract or agreement for maintenance thereof entered into by the Association.

(b) The Association may, as a Common Expense, maintain other property and improvements which it does not own, including without limitation property dedicated to the public, or provide maintenance or services related to such property over and above the level being provided by the property owner, if the Board of Directors determines that such maintenance is necessary or desirable to maintain the Community-Wide Standard.

(c) The Association shall maintain the facilities and equipment within the Area of Common Responsibility in continuous operation, except for any periods necessary, as determined in the sole discretion of the Board, to perform required maintenance or repairs, unless

Members holding sixty-seven percent (67%) of the Class "A" votes in the Association, and the Declarant during the Development Period, agree in writing to discontinue such operation.

(d) The Association may be relieved of all or any portion of its maintenance responsibilities herein to the extent that (i) such maintenance responsibility is otherwise assumed by or assigned to one (1) or more Owners or (ii) such property is dedicated to any local, state, or federal government or quasi-governmental entity; provided, however, that in connection with such assumption, assignment or dedication, the Association may reserve or assume the right or obligation to continue to perform all or any portion of its maintenance responsibilities, if the Board determines that such maintenance is necessary to desirable to maintain the Community-Wide Standard. Except as provided above, the Area of Common Responsibility shall not be reduced by amendment of this Declaration or any other means during the Development Period except with the written consent of the Declarant.

(e) Except as otherwise specifically provided herein, all costs associated with maintenance, repair and replacement of the Area of Common Responsibility shall be a Common Expense to be allocated among all Lots as part of the General Assessment, without prejudice to the right of the Association to seek reimbursement from the Owner(s) of, or other Persons responsible for, certain portions of the Area of Common Responsibility pursuant to the Governing Documents, any recorded covenants, or any agreements with the owner(s) thereof. All costs associated with maintenance, repair and replacement of Exclusive Common Area shall be a Specific Assessment against the Lot to which the Exclusive Common Areas are assigned.

(f) The Association shall not be liable for any injury or damage to any personal property (a) caused by the elements, (b) caused by any Owner or by their respective guests, invitees, successors or assigns, (c) resulting from any rain or other surface water which may leak or flow from any portion of the Common Area or (d) caused by any pipe, plumbing, drain, conduit, appliance, equipment, security system or utility line or facility, the responsibility for the maintenance of which is that of the Association becoming out of repair. Nor shall the Association be liable to any Owner for any loss or damage, by theft or otherwise, of any property of such Owner or their respective guests, invitees, successors or assigns which may be stored in or upon any portion of the Common Area or any portion of the Properties. No diminution or abatement of assessment shall be claimed or allowed by reason of any alleged failure of the Association to take some action or to perform such function required to be taken or performed by the Association under this Declaration, or for inconvenience or discomfort arising from the making of improvements or repairs which are the responsibility of the Association, or from any action taken by the Association to comply with any law, ordinance, or with any order or directive of any municipal or governmental authority, the obligation to pay each such assessment being a separate and independent covenant on the part of each Owner.

5.2 Owner's Responsibility.

(a) Each Owner shall maintain his or her Lot, including the Residential Unit thereon, and all structures, parking areas, sprinkler and irrigation systems, landscaping and other flora, and other improvements comprising the Lot, including the Residential Unit thereon, in a manner consistent with the Community-Wide Standard and all Governing Documents, unless

such maintenance responsibility is otherwise assumed by or assigned to the Association. Each Owner shall also maintain the driveway and any mailbox or mail facility serving his or her Lot and any sidewalks located on the Lot or within the right-of-way immediately adjacent to the Owner's Lot.

(b) In the event the Board of Directors of the Association determines that (i) any Owner has failed or refused to discharge properly his or her obligations with regard to the maintenance, repair, or replacement of items for which he or she is responsible hereunder; or (ii) that the need for maintenance, repair, or replacement which is the responsibility of the Association hereunder is caused through the willful or negligent act of an Owner, or his or her family, guests, lessees, or invitees, the Association, except in the event of an emergency situation, shall give the Owner written notice of the Association's intent to provide such necessary maintenance, repair, or replacement, at their sole cost and expense; the notice shall set forth with reasonable particularity the maintenance, repair, or replacement deemed necessary and the cost thereof. The noticed party shall have ten (10) days within which to pay such amount claimed; or, in the event such maintenance or repair is to the Owner's Residential Unit or Lot, complete said maintenance, repair, or replacement; or, in the event that such maintenance, repair, or replacement is not capable of completion within said ten (10) day period, to commence such work within said ten (10) day period which shall be completed within a reasonable time. If any Owner does not comply with the provisions hereof, the Association may provide any such maintenance, repair, or replacement at such person's sole cost and expense, and the cost shall be added to and become a part of the assessment to which such party is subject and shall become a lien against the Lot of such party collectible as an assessment pursuant to Article 8 hereof. By way of example and not limitation, in the event of an Owner's failure to comply with the provisions hereof, the Association may cause any weeds, grass, trees or landscaping to be cut, pruned or removed, as the case may necessitate, and may remove or cause to be removed such garbage, trash or rubbish as has accumulated thereon. Such shall expressly include removal of dead or diseased trees or landscaping.

(c) In addition to the foregoing, the Association may do anything necessary to secure compliance with this Declaration or the Design Standards so as to place said Lot in a neat, attractive, healthful, and sanitary condition and the charges incurred for securing such compliance, including the cutting, trimming, pruning, or removal of weeds, grass, landscaping, trees or such garbage, trash or rubbish as may be removed, may be charged to the Owner or occupant of such Lot for the cost of such work so long as such fee does not exceed Two Hundred and Fifty Dollars ($250.00) for each such cutting, trimming, pruning or removal in the first calendar year following recording of this Declaration, with each year thereafter such limitation to be adjusted, from year to year, by a percentage equivalent to the increase in the percentage of the cost of living based upon the Consumer Price Index, for Tallahassee, Florida, increases from one (1) year to the previous year. The Owner or occupant, as the case may be, agrees by the purchase or occupancy of the property to pay such statement immediately upon receipt thereof, and such payments made by the Association shall be secured by a lien in the same manner as General Assessments paid the Association under this Declaration.

5.3 Standard of Performance. All maintenance shall be performed in a manner consistent with the Community-Wide Standard and all Governing Documents. Maintenance responsibilities shall include the responsibility for repair and replacement as necessary. Neither

the Association nor any Owner shall be liable for any damage or injury occurring on, or arising out of the condition of, property which it does not own except to the extent that it has been negligent in the performance of its maintenance responsibilities.

ARTICLE 6: INSURANCE AND CASUALTY LOSSES

6.1 Insurance and Casualty or Liability Losses.

Section 1. Insurance. The Association's Board of Directors or its duly authorized agent shall have the authority to and shall obtain insurance for all insurable improvements on the Common Area against loss or damage by fire or other hazards, including extended coverage, vandalism, and malicious mischief. This insurance shall be in an amount sufficient to cover the full replacement cost of any repair or reconstruction in the event of damage or destruction from any such hazard. The Board shall also obtain a public liability policy applicable to the Common Area covering the Association, its officers, directors, members, and agents. The public liability policy shall have at least a One Million ($1,000,000.00) Dollar each occurrence limit (combined single limit (C.S.L.) for bodily injury and property damage), Two Million ($2,000,000.00) Dollar general aggregate, C.S.L., and Two Million ($2,000,000.00) Dollar products/completed operations aggregate, C.S.L. Unless otherwise provided by the Board of Directors, the cost of all such insurance coverage shall be paid from the Common Expense. Each insurance policy may contain a deductible, and the amount thereof shall be added to the face amount of the policy in determining whether the insurance at least equals the full replacement cost. The Association may allocate equitably the payment of a reasonable insurance deductible between the Association and the Owners affected by a casualty against which the Association is required to insure, provided, however, that the amount of deductible which can be allocated to any one Owner shall not exceed $1,000.00 per casualty loss.

All such insurance coverage obtained by the Board of Directors shall be written in the name of the Association, as Trustee, for the respective benefited parties, as further identified in (b) below. Such insurance shall be governed by the provisions hereinafter set forth:

(a) All policies shall be written with a company licensed to do business in Florida and holding a rating of A-X1 or better in the Financial Category as established by A.M. Best Company, Inc., if available, or, if not available, the most nearly equivalent rating.

(b) All policies on the Common Area shall be for the benefit of the Association and the Owners and their Mortgagees, as their interests may appear.

(c) Exclusive authority to adjust losses under policies in force on any portion of the Properties, including the Common Area, obtained by the Association shall be vested in the Association's Board of Directors; provided, however, that no Mortgagee having an interest in such losses may be prohibited from participating in the settlement negotiations, if any, related thereto.

(d) In no event shall the insurance coverage obtained and maintained by the Association's Board of Directors hereunder be brought into contribution with insurance purchased

by individual Owners, occupants, or their Mortgagees, and the insurance carried by the Association shall be primary.

(e) All casualty insurance policies shall have an inflation guard endorsement and an agreed amount endorsement, if reasonably available, with an annual review by one or more qualified persons, at least one of whom must be in the insurance or real estate industry and familiar with insurance for improvements in the County.

(f) The Association's Board of Directors shall be required to make every reasonable effort to secure insurance policies that will provide for the following:

(i) a waiver of subrogation by the insurer as to any claims against the Association's Board of Directors, its Manager, the Owners and their respective tenants, servants, agents, and guests;

(ii) a waiver by the insurer of its rights to repair and reconstruct instead of paying cash;

(iii) that no policy may be canceled, invalidated, or suspended on account of any one or more individual owners;

(iv) that no policy may be canceled, invalidated or suspended on account of any defect or of the conduct of any director, officer, or employee of the Association or its duly authorized manager without prior demand in writing delivered to the Association to cure the defect or to cease the conduct and the allowance of a reasonable time thereafter within which the defect may be cured by the Association, its manager, any Owner or Mortgagee; and

(v) a waiver of the insurer's right to cancel without first giving thirty (30) days prior written notice of such cancellation to the Association and to any Mortgagee to which a Mortgagee endorsement has been issued.

(vi) that any "other insurance" clause in any policy exclude individual Owners' policies from consideration.

(vii) all liability insurance policies shall contain cross-liability endorsements to cover liability of the Association to an individual Owner and shall also name the Declarant as an additional insured.

(g) It shall be the responsibility of each Owner at his own expense, to provide public liability, property damage, title, and other insurance with respect to his own Lot. The Association's Board of Directors may require all Owners to carry public liability and property damage insurance with respect to their respective Lots and to furnish copies of certificates thereof to the Association.

In addition to the other insurance required by this section, the Board shall obtain, as a Common Expense, worker's compensation insurance, if and to the extent necessary, and a fidelity bond or bonds (provided that the Community includes Lots upon which financing exists that is held or serviced by any financial agency, corporation, or secondary mortgage market enterprise which requires the maintenance of such fidelity bond) on directors, officers, employees, and other persons handling or responsible for the Association's funds. The amount of fidelity coverage shall be determined in the directors' best business judgment, but may not be less than three (3) months' assessments, plus reserves on hand if such bond is obtained. Bonds shall contain a waiver of all defenses based upon the exclusion of persons serving without compensation and may not be canceled or substantially modified without at least ten (10) days' prior written notice to the Association.

Section 6.2. Disbursement of Proceeds. Proceeds of insurance policies shall be disbursed as follows:

(a) If the damage or destruction for which the proceeds are paid is to be repaired or reconstructed, the proceeds, or such portion thereof as may be required for such purpose, shall be disbursed in payment of such repairs or reconstruction, as hereinafter provided. Any proceeds remaining after defraying such costs of repairs or reconstruction, or in the event no repair or reconstruction is made after making such settlement as is necessary and appropriate with the affected Owners or Owners and their Mortgagee(s), as their interests may appear, shall be retained by and for the benefit of the Association. This is a covenant for the benefit of any Mortgagee of any part of the Properties and may be enforced by such Mortgagee.

(b) If it is determined, as provided for in Section 3 of this Article, that the damage or destruction for which the proceeds are paid shall not be repaired or reconstructed, available proceeds shall be disbursed in the manner as provided for excess proceeds in Section 2(a) hereof.

Section 6.3. Damage and Destruction.

(a) Immediately after the damage or destruction by fire or other casualty to all or any part of the Properties covered by insurance written in the name of the Association, the Board of Directors or its duly authorized agent shall proceed with the filing and adjustment of all claims arising under such insurance and obtain reliable and detailed estimates of the cost of repair or reconstruction of the damaged or destroyed property. Repair or reconstruction, as used in this paragraph, means repairing or restoring the property to substantially the same condition in which it existed prior to the fire or other casualty.

(b) Any damage or destruction to the Common Area shall be repaired or reconstructed unless at least seventy-five (75%) percent of the total vote of the Association and the Declarant shall decide within sixty (60) days after the casualty not to repair or reconstruct. If for any reason either the amount of the insurance proceeds to be paid as a result of such damage or destruction, or reliable and detailed estimates of the cost of repair or reconstruction, or both, are not made available to the Association within said period, then the period shall be extended until such information shall be made available; provided, however, that such extension shall not exceed sixty

(60) days. No Mortgagee shall have the right to participate in the determination of whether the damage or destruction shall be repaired or reconstructed.

(c) In the event that it should be determined in the manner described above that the damage or destruction shall not be repaired or reconstructed and no alternative improvements are authorized, then and in that event the Properties shall be restored to its natural state and maintained as an undeveloped portion of the Properties by its respective Owner or Owners in a neat and attractive condition.

Section 6.4. Repair and Reconstruction. If the damage or destruction for which the insurance proceeds are paid is to be repaired or reconstructed and such proceeds are not sufficient to defray the cost thereof, the Board of Directors shall, without the necessity of a vote of the Association's members, levy Specific Assessment against all Owners ultimately responsible for the payment of the policy premium in the same proportion as an Owner's assessment bears to the Association's budget. Additional assessments may be made in like manner at any time during or following the completion of any repair or reconstruction. If the funds available from insurance exceed the cost of repair, such excess shall be deposited to the benefit of the Association.

Section 6.5. Lot Owner's Responsibility. By virtue of taking title to a Lot each Owner of a Lot covenants and agrees with all other Owners and with the Association to carry all risk casualty insurance in the event the Association does not carry blanket all-risk casualty insurance on improvements on Lots. Each Owner, if any, further covenants and agrees that in the event of a partial loss or damage and destruction resulting in less than total destruction of any structure located on a Lot, he or she shall proceed promptly to repair or reconstruct the damaged structure in a manner consistent with the aesthetic appearance and quality of the original construction and the Community Wide Standards. In the event that any Residential Unit structure is totally destroyed or rendered uninhabitable or unusable and the Owner or owner thereof determines not to rebuild or reconstruct, then that Owner or owner shall clear that Lot of all debris and return it to substantially the natural state in which it existed prior to the beginning of construction. The obligation of an Owner hereunder specified shall not be applicable to any Owner whose Lot is insured under a casualty insurance policy obtained by an association of owners on his behalf. In the event that any Residential Unit structure is totally destroyed or rendered uninhabitable or unusable and the Owner or owner thereof determines to rebuild or reconstruct, then such Owner or owner shall repair or rebuild such Lot to substantially the same condition as existed prior to such fire or other casualty and in accordance with all applicable standards, restrictions, and provisions of this Declaration (including, without limitation, Article 9 hereof) and all applicable zoning, subdivision, building, and other governmental regulations. All such work of repair and construction, as identified herein, shall be commenced promptly following such damage or destruction and shall be carried through diligently to conclusion within a reasonable time.

ARTICLE 7: ANNEXATION AND WITHDRAWAL OF PROPERTY

7.1 Annexation Without Approval of Class "A" Membership. As the owner thereof, or if not the owner, with the consent of the owner thereof, Declarant shall have the unilateral right, privilege, and option (but not the obligation), from time to time at any time until twenty (20) years from the date this Declaration is recorded in the Public Records, subject to the provisions of this

Declaration and the jurisdiction of the Association, pursuant to the terms and conditions contained within this Declaration, all or any portion of the Additional Property, whether in fee simple or leasehold, by filing in the Public Records, an amendment or Supplemental Declaration annexing all or any portion of such property. Such amendments to this Declaration or Supplemental Declaration shall not require the vote of Members. Any such annexation shall be effective upon the filing for record of any such amendment or Supplemental Declaration, unless otherwise provided therein. Such amendment or Supplemental Declaration may specify such specific use restrictions and other covenants, conditions, and restrictions to be applicable to the annexed property as Declarant may, in its own discretion, determine.

Declarant shall have the unilateral right to transfer to one or more other persons the right, privilege, and option to annex the Additional Property which is herein reserved to Declarant, provided that such transferee or assignee shall be the developer of at least that part of said Additional Property to which such right, privilege, and option is assigned; and provided, further, such assignment shall not remove or alter Declarant's further right, option and privilege to annex.

7.2 Annexation With Approval of Class "A" Membership. Subject to the written consent of the owner thereof, upon the written consent or affirmative vote of a majority of the Class "A" Members present or represented by proxy at a meeting duly called for such purpose, and of the Declarant, the Association may annex real property other than the Additional Property, and following the expiration of the right in this Article, Section 1, the Additional Property, to the provisions of this Declaration and the jurisdiction of the Association by filing for record in the Public Records, an amendment, or Supplemental Declaration in respect to the property being annexed. Any such amendment or Supplemental Declaration shall be signed by the President and the Secretary of the Association, and any such annexation shall be effective upon filing, unless otherwise provided therein. The time within which and the manner in which notice of any such meeting of the Class "A" Members of the Association, called for the purpose of determining whether Additional Property pursuant to this section shall be annexed, and the quorum required for the transaction of business at any such meeting, shall be as specified in the By-Laws of the Association for regular or special meetings, as the case may be.

7.3 No Restrictions. The Additional Property, by initial recordation of this Declaration, is not restricted by the terms of such Declaration, in any manner other than for the express benefits as might be granted to the Additional Property under the terms of this Declaration. Following the date of initial recordation of this Declaration, the Declarant may, but shall not be required to, annex any portion or portions of such Additional Property. This Declaration shall only be applicable, except for the benefits as might be expressly bestowed upon the Additional Property under the terms of this Declaration as initially recorded, to those portions of the Additional Property as expressly made subject hereto by the Declarant or its successor and assigns in interest to the Additional Property. Until such time as a portion or portions of the Additional Property are made subject by express amendment to the terms of this Declaration or by Supplemental Declaration, no other portion of the Additional Property shall be, by implication, innuendo, or otherwise, subject to the terms of this Declaration other than for the benefits as expressly might be bestowed upon the Additional Property under the terms of this Declaration.

(a) Portions of the Additional Property (together with additions thereto) may be added, as provided herein, to the Properties at different times, and there are no limitations fixing the boundaries of those portions or regulating the order, sequence, or location in which any of such portions may be added to the Properties. The exercise of the option to submit a portion or portions of the Additional Property to this Declaration shall not bar the further exercise of this option as to other portions or the balance of the Additional Property.

(b) If the Additional Property or any portion or portions thereof are added to the Properties, Declarant reserves the right to designate the boundaries of the Lots, as well as the Common Area, if any, to be added to the Properties in connection therewith.

(c) Should the options to add the Additional Property, or any portion or portions thereof, not be exercised within the term specified herein or be terminated by Declarant, such option shall in all respects expire and be of no further force and effect. In the event that such option expires or is terminated, as aforesaid, Declarant shall not be obligated to impose on the Additional Property or any portion thereof any covenants, conditions, or restrictions whatsoever.

(d) The option hereby reserved by Declarant to cause all or any portion or portions of the Additional Property to become part of the Properties shall in no way be construed to impose upon Declarant any commitment or obligation to add all or any portion or portions of the Additional Property to the Properties or to construct thereon any improvements of any nature whatsoever.

(e) If the Additional Property or any portion or portions thereof is added to the Properties, then from and after the addition to the Properties of the Additional Property or such portion or portions by such amendment to this Declaration or by Supplemental Declaration, the number of votes in the Association shall be increased by the number of Lots to be located on the Additional Property or such portion or portions thereof as are added so that there shall continue to be, subject to the provisions hereof, one vote in the Association per Lot in the Community.

7.4 Amendment. This Article shall not be amended during the Development Period without the prior written consent of Declarant.

ARTICLE 8: ASSESSMENTS

8.1 Creation of and Obligation for Assessments.

(a) The Board may authorize the creation of assessments for Common Expenses of the Association from time to time, as follows: (i) General Assessments ; (ii) Special Assessments; and (iii) Specific Assessments. Each Owner, by accepting a deed or entering into a contract of sale for any portion of the Properties, is deemed to have notice of liability for these assessments and to covenant and agree to pay these assessments.

(b) There are hereby created General Assessments for Common Expenses as may from time to time be authorized by the Board of Directors. General Assessments shall, from and after the respective Commencement Date (as defined hereinbelow) relating to a respective Lot, be levied against such respective Lot and shall be used to pay expenses determined by the Board to

be for the benefit of the Association, its Members, and the Properties as a whole, including, but not limited to, maintenance and insurance of the Area of Common Responsibility, including the Common Area, and expenses otherwise incurred by the Association in accordance with its rights, powers, and privileges for the purposes of promoting the recreation, health, safety, welfare, common benefit and enjoyment of the Owners and occupants of the Properties, and maintaining the Properties and improvements therein. The General Assessment levied against and payable by a Lot shall be equal to the General Assessment which is levied against and payable by each such other Lot. Despite anything contained herein to the contrary, the assessments against a respective Lot shall not commence until the Commencement Date as respects such Lot as set forth in Section 8.2 of this Article.

(c) All such assessments, together with late charges, simple interest at the rate of eighteen percent (18%) per annum, costs and reasonable attorney's fees actually incurred to enforce or collect such assessments, shall be a charge on the Lot and shall be a continuing lien upon the Lot against which each assessment is made regardless of conveyance thereof. The Association's lien shall be prior and superior to all other liens except the lien for ad valorem taxes on the Lot, the lien of any First Mortgage covering the Lot, the lien of any Mortgage recorded prior to the recording of the Declaration and the lien of any secondary purchase money Mortgage covering the Lot, provided neither the grantee nor any successor grantee on the Mortgage is the seller of the Lot. The recording of this Declaration shall constitute record notice of the existence of the lien and no further recordation of any claim of lien for assessments shall be required; provided, however, the Association may record a memorandum of lien in the land records of County to evidence its claim of lien. Each such assessment, together with late fees, interest, costs, and reasonable attorney's fees actually incurred, shall also be the personal obligation of the person who was the owner of such Lot at the time the assessment came due, and his or her grantee shall be jointly and severally liable for such portion thereof as may be due and payable at the time of conveyance; provided, however, any First Mortgagee or holder of a secondary purchase money Mortgage covering the Lot, provided that neither the grantee nor any successor grantee on the secondary purchase money Mortgage is the seller of the Lot who obtains title to a Lot subject to this Declaration pursuant to the remedies provided in such Mortgage or Foreclosure of the Mortgage, will not be liable for such Lot's unpaid assessments which accrued prior to the acquisition of title to such Lot by the Mortgagee. Assessments shall be paid in such manner and on such dates as may be fixed by the Board of Directors, which may include, without limitation, acceleration of the annual assessment for Owners who are delinquent in the payment of the their assessments. The assessments shall be paid annually in advance, unless otherwise provided by the Board. The Association shall, upon request, furnish to any Owner liable for any type of Assessment a written statement signed by the Association officer setting forth whether the Assessment has been paid. This statement shall be conclusive evidence of payment. The Association may require the advance payment of a reasonable processing fee not to exceed $25.00 for the issuance of such a statement.

(d) No Owner is exempt from liability for assessments by non-use of Common Area, including Exclusive Common Area reserved for such Owner's use, abandonment of his or her Lot, or any other means. The obligation to pay assessments is a separate and independent covenant on the part of each Owner which runs with title to the Lot. No diminution or abatement of assessments or set-off shall be claimed or allowed for any alleged failure of the Association or Board to take some action or perform some function required of it, or for

inconvenience or discomfort arising from the making of repairs or improvements, or from any other action it takes.

8.2 Commencement of Assessments. Notwithstanding anything herein to the contrary, any and all assessments provided for in or otherwise assessed pursuant to this Declaration shall commence against a respective Lot as in this section provided. Any and all assessments shall commence in respect to each respective Lot at the time of conveyance of the respective Lot by the Declarant to an Owner or Builder/Owner other than the Declarant; provided, however, that the commencement of the Assessment against a Lot conveyed to a Builder/Owner by Declarant may be delayed as determined by the Declarant from time to time for a term of twelve (12) months from and after the date of conveyance to such Builder/Owner or until substantial completion of the Residential Unit on such Lot, whichever first occurs. Declarant shall not be responsible or liable for the payment of assessments (whether General, Special or Specific) in respect to Lots for which Declarant holds record title and which do not contain occupied Residential Units (except as hereinafter provided); provided that Declarant covenants and agrees to pay assessments in the same manner as Lots conveyed to Owners for each Lot owned by Declarant containing an occupied Residential Unit; provided that the Declarant pays any operating expenses incurred that exceed the assessments receivable from other Members and other income of the Association. The date of commencement of the assessment as to any particular Lot, as determined aforesaid, is herein sometimes referred to as the "Commencement Date." The first annual assessment for a Lot payable to the Association in respect to such Lot shall be adjusted according to the number of months remaining in the calendar year as of the Commencement Date. Such prorated assessment shall be paid on the Commencement Date or such later date as provided by the Board.

8.3 Computation of General Assessments.

(a) General Assessments shall be levied equally against all Lots subject to assessment and shall be set at a level which is reasonably expected to produce total income for the Association equal to the total budgeted Common Expenses, including reserves. In determining the total funds to be generated through the levy of General Assessments, the Board, in its discretion, may consider other sources of funds available to the Association, including any surplus from prior years and any assessment income expected to be generated from any additional Lots reasonably anticipated to become subject to assessment during the fiscal year.

(b) It shall be the duty of the Board at least forty-five (45) days prior to the commencement of a fiscal year to prepare a budget covering the estimated revenues and costs of operating the Association and the Properties during the coming year. The budget shall set out separately all fees and charges in connection with any recreational amenities. The Board shall cause a copy of the budget and the assessments to be levied therefrom to be mailed to each Member, at least thirty (30) days prior to the date at which such budget will become effective or provide each Member with written notice that a copy of the budget is available upon request at no charge to the Member. The budget and assessment established therefrom shall become and be effective unless objected to in a written statement of disapproval executed by at least a majority of the total Association eligible vote and delivered to the Board or Manager no later than seven (7) days prior to the effective date of the proposed budget. Notwithstanding the foregoing, in the event that the membership disapproves the proposed budget or the Board fails for any reason so to

determine the budget for the succeeding year, then and until such time as a budget shall have been determined, as provided herein or by the procedure herein described repeated as need be, the budget and assessments in effect for the current year shall continue for the succeeding year.

Despite anything else contained herein, the amount of the budgeted assessment in any particular year may be increased by the Board of Directors of the Association in a succeeding year without membership consideration or without being subject to membership disapproval so long as the proposed assessment, in total, does not exceed the current "Computed Assessment." The current "Computed Assessment" amount shall be determined as follows:

Take the difference between the consumer price index, as established by the Consumer Price Index for Urban Wage Earners and Clerical Workers, Tallahassee, Florida, all Items, ("Index"), for June of the year under consideration and the consumer price index as established by the Index for June of the year in which this Declaration is recorded and divide such difference by the consumer price index as established by the Index for June of the year in which this Declaration is recorded. Thereafter, the resulting quotient is to be multiplied by one hundred. This resulting quotient expressed as a percentage, multiplied by the assessment existing in June of the year in which this Declaration is recorded is the amount by which the assessment in existence may be increased without membership consideration or availability for disapproval, such increased amount being the Computed Assessment.

(c) During the Development Period, the Declarant may, but shall not be obligated to, be excused from the payment of its share of the operating expenses and assessments related to the lots, provided it reduces the General Assessment for any fiscal year by payment of a subsidy and/or contributions of services and materials. Any such anticipated payment or contribution by the Declarant shall be disclosed as a line item in the Common Expense budget. Payments by the Declarant in any year shall under no circumstances obligate the Declarant to continue such payments in future years unless otherwise provided in a written agreement between the Association and the Declarant. To the extent that Declarant pays any amount or provides any in-kind services to the Association, any such payment or provision of services shall be a reduction and credit against any amount as may otherwise be claimed owed by Declarant to the Association
with subparagraph 8.3(b) hereinabove.

8.4 Special Assessments. In addition to other authorized assessments, the Association may levy Special Assessments from time to time to cover unbudgeted expenses or expenses in excess of those budgeted. Special Assessments shall be allocated equally among all Lots. Any Special Assessment shall become effective unless disapproved at a meeting by Members holding a Majority of the total Class "A" votes and, during the Development Period, by the Declarant. There shall be no obligation to call a meeting for the purpose of considering any Special Assessment except on petition of the Members as provided for in the By-Laws, which petition must be presented to the Board within twenty (20) Days after delivery of the notice of such Special Assessment. Special Assessments shall be payable in such manner and at such times as determined by the Board, and may be payable in installments extending beyond the fiscal year in which the Special Assessment is approved.

8.5 Specific Assessments.

(a) The Association shall have the power to levy Specific Assessments against a particular Lot or Lots to cover the costs, including overhead and administrative costs, of providing benefits, items, or services to the Lot(s) or occupants thereof upon request of the Owner pursuant to a menu of special services which the Board may from time to time authorize to be offered to Owners and occupants (which may include, without limitation, landscape maintenance, pest control, etc.), which assessments may be levied in advance of the provision of the requested benefit, item or service as a deposit against charges to be incurred by the Owner.

(b) The Association shall have the power to levy Specific Assessments against a particular Lot or Lots as a fine levied pursuant to Section 4.4 or to cover costs incurred in bringing the Lot(s) into compliance with the terms of the Governing Documents, or costs incurred as a consequence of the conduct of the Owner or occupants of the Lot, their agents, contractors, employees, licensees, invitees, or guests.

8.6 Foreclosure of the Lien for Assessments. The lien, when delinquent, may be enforced by suit, judgment, and judicial or non judicial Foreclosure, as permitted under Florida law. The Association may bid for the Lot at the Foreclosure sale and acquire, hold, lease, mortgage, and convey the Lot. While a Lot is owned by the Association following Foreclosure: (i) no right to vote shall be exercised on its behalf; (ii) no assessment shall be levied on it; and (iii) the other Lots shall be charged, in addition to the usual assessment, a pro rata share of the assessment allocated to the Lot owned by the Association. The Association may sue for unpaid assessments and other charges authorized hereunder without Foreclosing or waiving the lien securing the same. The sale or transfer of any Lot shall not affect the assessment lien or relieve a Lot from the lien for any subsequent assessments. However, the sale or transfer of any Lot pursuant to Foreclosure of the First Priority Mortgage shall extinguish the lien as to any installments of assessments due prior to Foreclosure. A Mortgagee or other purchaser of a Lot who obtains title pursuant to Foreclosure of the Mortgage shall not be personally liable for assessments on such Lot due prior to such acquisition of title. Such unpaid assessments shall be deemed to be Common Expenses collectible from Owners of all Lots subject to assessment under Section 8.6, including such acquirer, its successors and assigns. All other Persons acquiring liens or encumbrances on any Lot after this Declaration has been recorded shall be deemed to consent that the liens or encumbrances shall be inferior to future liens for assessments, as provided herein, whether or not prior consent is specifically set forth in the instruments creating the liens or encumbrances.

8.7 Failure to Assess. Failure of the Board to establish assessment amounts or rates or to deliver or mail each Owner an assessment notice shall not be deemed a waiver, modification, or a release of any Owner from the obligation to pay assessments. In such event, each Owner shall continue to pay General Assessments on the same basis as during the last year for which an assessment was made, if any, until a new assessment is levied, at which time the Association may retroactively assess any shortfalls in collections.

8.8 Exempt Property. The following property shall be exempt from payment of assessments: (a) all Common Area and such portions of the property owned by the Declarant as are included in the Area of Common Responsibility pursuant to Section 5.1; and (b) any property dedicated to and accepted by any governmental or quasi-governmental authority or public utility.

ARTICLE 9: ARCHITECTURAL STANDARDS

9.1 General. In order to preserve the natural setting and beauty of the Properties, to establish and preserve a harmonious and aesthetically pleasing design for the Properties, and to protect and promote the value of the Properties, the Lots, the Residential Units and the Common Area and all improvements, structures, landscaping and items located thereon, all Lots, Residential Units and all improvements, structures, landscaping and items located thereon shall be subject to the restrictions set forth in this Article 9. Every grantee of an interest in the Properties, by acceptance by a deed or other conveyance of such interest, agrees to be bound by the provisions of this Article 9.

9.2 Design Review Board. No construction, improvements, landscaping, buildings, structures or development of any kind whatsoever, shall be commenced, carried out on, constructed, altered, added to or maintained upon any portion of the Properties, including Lots, unless (a) approved in writing by the Design Review Board (b) developed, constructed or altered by Declarant (c) developed, constructed or altered by the Association in respect to the Common Area or (d) if a Modifications Committee is established pursuant to the terms hereof, approved by the Design Review Board after recommendation from the Modifications Committee. Approval of the Design Review Board shall be subject to such regulations, architectural standards and application procedures as may be promulgated by the Design Review Board and as set forth herein. The Design Review Board may charge a reasonable fee as determined by the Design Review Board, from time to time, to cover the administrative expense of its review and comment, such fee to be payable to the Design Review Board. The Design Review Board may require placement of a bond by an applicant to assure compliance with this Declaration and to cover any expenses of damages caused by construction or improvement activities required to be approved by it.

(a) During the Development Period, the Declarant, in its sole discretion, shall appoint the members of the Design Review Board. For such time, the Design Review Board shall consist of at least three (3) and no more than five (5) members, none of whom shall be required to be residents of the Community or own property at the Community and all of whom shall serve at the pleasure of the Declarant. The Design Review Board shall act on behalf of the Declarant and the Association until such time as the Declarant no longer has the right to annex property to the Community pursuant to Article 7 hereof or the Declarant no longer owns any Lot upon which no Residential Unit has been constructed, whichever is later, unless sooner waived in writing by the Declarant. From and after the later of these events, the Design Review Board shall be apPointd by the Board and function in the same manner as committees of the Association under the authority of the Board.

(b) Following the Development Period, members of the Design Review Board shall be apPointd by the Board of Directors and the Design Review Board members shall be required to

be Owners or their spouses. Members of the Design Review Board as are apPointd by the Board shall serve at the pleasure of the Board. During the time that the Design Review Board members are apPointd by the Board, the Design Review Board shall be comprised of not less than three (3) nor more than five (5) members.

(c) The Design Review Board shall elect a chairperson and the chairperson or in his absence, the vice-chairperson, shall be the presiding officer at its meetings. The Design Review Board shall meet as often as they so determine and shall be required to meet upon call of the chairperson, and all meetings shall be held at such places as may be designated by the chairperson. A majority of the Design Review Board members serving shall constitute a quorum for the transaction of business, and the affirmative vote of a majority of those present in person at a meeting of the Design Review Board shall constitute the action of the Design Review Board on any matter before it. The Design Review Board may, from its members, appoint one (1) such member to execute approval of plans as might be proposed by an applicant. The Design Review Board shall not be required to maintain minutes of its meetings and any approval of the Design Review Board may be evidenced by the members of the Design Review Board, or the designate apPointd by such members, certifying to the approval of such plans by entry of an approval on the face thereof. Approvals of the Design Review Board may occur at meetings thereof or based upon communications by and between the members thereof, without call of a meeting, but with polling of each member thereof by the chairperson or his or her designate.

(d) The Design Review Board is authorized to retain services of consulting architects, landscape architects, urban designers, engineers, inspectors, and/or attorneys in order to advise and assist the Design Review Board in performing its functions set forth herein and all such expenses shall be at the expense of the Association.

(e) Any member of the Design Review Board apPointd by the Declarant may be removed with or without cause by the Declarant at any time by written notice to such apPointe, and a successor or successors apPointd to fill such vacancy. Any member of the Design Review Board apPointd by the Board may be removed with or without cause by the Board at any time by written notice to such apPointe and its successor or successors apPointd to fill such vacancies shall serve at the pleasure of the Board.

(f) The Design Review Board is hereby authorized to promulgate from time to time written architectural standards, regulations, policies, procedures and guidelines (hereinafter referred to as the "Design Standards") governing the construction, location, landscaping, material and design of improvements, structures, the contents of submission of plans and specifications, and other information as may be required in order to evidence compliance with and obtain approval pursuant to this Article 9. The Design Review Board shall make its standards, regulations, policies, procedures and guidelines available to Owners, Builder/Owners, and developers who seek to engage in development or improvement of construction upon all or any portion of the Properties and shall conduct its operations in accordance therewith. Decisions of the Design Review Board shall take into account and be founded upon the nature, kind, shape, color, size, material and location of any construction, improvements, buildings, structures or development and the quality of workmanship planned, the design and harmony of external design and relation to surrounding structures, topography and elevation of such construction, improvements, buildings, structures and

development and the Community Wide Standards. The Design Standards shall be binding upon and enforceable against all Owners. The provisions hereof shall not be applicable to any of the Additional Property; provided such shall be applicable to those portions of the Additional Property annexed to this Declaration. From and after the time that the Board appoints the members of the Design Review Board, any Design Standards proposed by the Design Review Board and any approvals or denials by the Design Review Board shall first be approved by the Board before their being effective.

9.3 Submissions to Design Review Board.

(a) No construction, improvements, buildings, structures or development of any kind whatsoever, shall be commenced, carried out on, constructed, altered, added to or maintained on any Lot or Residential Unit, other than as developed, constructed or altered by Declarant unless and until three (3) copies of the plans and specifications and related data (including, if required by the Design Standards, shall have been submitted to and approved in writing by the Design Review Board or if a Modifications Committee is established pursuant to the terms hereof, approved by the Design Review Board after recommendation from the Modifications Committee.

(b) For purposes of this Article 9 and specifically Section 9.3(a), above, "construction, improvements, buildings, structures or development" shall include by way of example and not limitation the construction, installation or alteration of Residential Units, sidewalks, driveways, parking areas, mailboxes, basketball goals, decks, patios, courtyards, swimming pools, tennis courts, greenhouses, playhouses, play equipment, awnings, walls, steps, stoops, yard equipment, fences, exterior lights, garages, landscaping, hardscaping, lawns, guests or servants quarters, or other outbuildings. Plans, specifications and related data as submitted for any such construction, improvements, buildings, structures or development requested for approval shall show the nature, color, type, shape, height, materials and location of the same. One (1) copy of such plans, specifications and related data so submitted shall be retained in the records of the Design Review Board and the other copy shall be returned to the Owner marked "approved by the Design Review Board," or "approved as noted by the Design Review Board," or "disapproved by the Design Review Board." Until the members of the Design Review Board are apPointd by the Board, the Design Review Board shall have the sole discretion to determine whether the plans and specification submitted for approval are acceptable to the Design Review Board in connection with the approval rights. Any disapproval by the Design Review Board may be based upon any ground whatsoever so long as such disapproval is consistent with the objectives and purposes of this Declaration, including, but not limited to, purely aesthetic considerations, provided that such disapproval is not arbitrary or capricious.

(c) Any and all plans submitted for the construction of a Residential Unit on a Lot, shall depict thereon the proposed Residential Unit in such detail as requested by the Design Review Board, including all driveways, parking areas, mailboxes, basketball goals, decks, patios, courtyards, swimming pools, tennis courts, greenhouses, playhouses or equipment, walls or fences, awnings, steps, stoops, yard equipment, lighting, garages, out buildings, landscaping, hardscaping, lawns, guest or servants quarters and such other structures, out buildings and items as determined by the Design Review Board or as contemplated by the applicant to be a part of the improvement of the Lot. Any and all requests for alterations or additions to a Lot or Residential Unit, including

alterations or additions to existing structures or improvements or the addition of additional structures, items or improvements shall depict thereon the proposed addition or alteration in its proposed location with all height, material, location and other specifics as may be requested by the Design Review Board.

(d) The Design Review Board shall have the right to establish a maximum percentage of a Lot which can be cleared or graded and a maximum percentage of a Lot which may be covered by Residential Units, buildings, structures or other improvements, which standard shall be promulgated on the basis of topography, percolation data, soil types and conditions, vegetation cover and other environmental factors taken into account by the Design Review Board. Following approval of any plans and specifications by the Design Review Board, representatives of the Design Review Board shall have the right, without notice, during reasonable hours to enter upon and inspect any Lot, Residential Unit or other improvements or structures with respect to which construction is underway to determine whether or not the plans and specifications thereof have been approved and are complied with. In the event that Design Review Board shall determine that such plans and specifications have not been approved or are not being complied with, the Design Review Board, acting in the name and at the expense of the Association, shall be entitled to enjoin further construction and to require the removal or correction of any work, improvement or structure in place which does not comply with the approved plans and specifications.

(e) In the event that the Design Review Board fails to approve or disapprove in writing any proposed plans and specifications within thirty (30) days after such plans and specifications have been submitted, such plans and specifications will be deemed to have been expressly approved, provided the proposed improvements are generally in harmony with the Community Wide Standard. Upon the approval of plans and specifications by the Design Review Board, no further approval under this Article 9 shall be required with respect thereto, unless construction has not substantially commenced within sixty (60) days of approval of such plans and specifications or unless such plans and specifications are materially altered or changed. For purposes of this section, "substantially commenced" shall mean any clearing, grading, pouring of footing or any other type of affirmative action to commence with the construction of a Residential Unit.

(f) No landscaping, grading, excavation or filling of any nature whatsoever shall be implemented and installed on a Lot, other than by Declarant, unless and until the plans therefor have been submitted to and improved in writing by the Design Review Board. The provisions of this Article 9 regarding the time for approval of plans, the right to inspect, the right to enjoin and/or require removal, etc. shall also be applicable to any proposed landscaping, clearing, grading, excavation or filling. The Design Review Board shall be permitted to promulgate Design Standards with regard to any such landscaping, grading, excavation or filling.

(g) Before construction of any Residential Unit on any Lot begins and is part of the approved plan regarding such Residential Unit as submitted to the Design Review Board, the Design Review Board shall be provided a general landscape design which shall be reviewed and approved by it before commencement of the installation of landscape in respect to such Residential Unit. The landscaping as shown on such landscape design plan shall be installed and in place as part of the construction of the Residential Unit.

9.4 The Modifications Committee.

(a) By way of example and not limitation of the terms of this Article 9, the Design Review Board shall have the right to approve upon submission of a request pursuant to the terms of this Article any and all modifications, additions or alterations made on or to a Lot. Notwithstanding this authority of the Design Review Board, the Design Review Board, may authorize, continue and discontinue a Modifications Committee to review any and all proposed modifications, additions or alterations to a Lot on which a Residential Unit has been completed, or affecting the exterior portion of the Residential Unit thereon.

(i) If such Modifications Committee is established, such Committee's authority shall be limited to review of proposed modifications, additions or alterations made on or to such Lot or affecting the exterior portion of the Residential Unit thereon, following (a) completion of the construction of the initially proposed Residential Unit and the improvements thereon as approved by the Design Review Board (b) occupancy of such Residential Unit and (c) issuance of a certificate of occupancy if such is issued by the local jurisdiction. The Modifications Committee shall not have authority to review modifications, additions or alterations made by the Declarant or by Builder/Owners, which modifications, additions or alterations shall be subject, at all times, only to review and approval of the Design Review Board.

(ii) The results of any and all review by the Modifications Committee shall be submitted to the Design Review Board with a recommendation, in writing, by the Modifications Committee for approval, approval as noted with comments, or disapproval. The recommendation of the Modifications Committee shall not be binding until adopted by the Design Review Board, who may accept, accept with comment or reject such recommendation. If any recommendation of the Modifications Committee is rejected by the Design Review Board, the Design Review Board may substitute its own response to any such proposed modification, addition or alteration, which shall then be binding.

(iii) Review and recommendation by the Modifications Committee shall be based upon the terms of this Declaration and the Design Standards.

(b) The Modifications Committee shall, if established, consist of at least three (3) and no more than five (5) members, all of whom shall be apPointd by the Declarant until such time as the members of the Design Review Board are apPointd by the Board of Directors. At such time that the members of the Design Review Board are apPointd by the Board of Directors, the Board of Directors shall also appoint the members of the Modifications Committee, if existing. If the Design Review Board determines that it has jurisdiction over and in respect to any submission to the Modifications Committee, the Design Review Board shall be authorized to review and approve such submission to the exclusion of Modifications Committee. The Modifications Committee shall, as soon as practical after receipt by it of any submission hereunder review the same and deliver its recommendation to the Design Review Board. If the Design Review Board fails to approve or disapprove, in writing, any proposed modification, addition or alteration within thirty (30) days after such have been submitted, such plans and specifications will be deemed expressly approved,

provided the proposed modification, addition or alteration is in general harmony with the Community Wide Standard. The provisions hereof shall not be applicable to the Additional Property provided such shall be applicable to those portions of the Additional Property as have been annexed to this Declaration.

(c) Nothing contained herein shall be construed to limit the right of an Owner to remodel the interior of his or her Residential Unit or to paint the interior of his or her Residential Unit any color desired, so long as the same is not visible from outside the Residential Unit.

9.5 Commencement of Construction and Occupancy of Residential Units. Residential Units may not be temporarily or permanently occupied until the exteriors thereof and the landscaping of the Lot on which the Residential Unit is located have been completed and a certificate of occupancy for such Residential Unit, if issued by the local jurisdiction, has been issued. Once commenced, the construction of a Residential Unit and original improvements contemplated therewith on a Lot shall diligently be continued and shall be completed within twelve (12) months from the date of commencement. For the purposes of this Section, commencement of construction shall mean that (a) all plans for such construction have been approved by the Design Review Board; (b) a building permit has been issued for the Lot by the appropriate jurisdiction; and (c) construction of a structure has physically commenced beyond site preparation. Completion of a structure shall mean that a certificate of occupancy has been issued by the appropriate jurisdiction for the Lot. During the continuation of construction of any Residential Unit, structure or improvements respecting a Lot or any modifications, additions or alterations thereto, any and all contractors in respect to the construction thereof shall maintain the Lot, the Residential Unit, and the surrounding Common Area in a reasonably clean and uncluttered condition and, to the extent possible, all construction trash and debris shall be kept within refuse containers. Upon completion of construction, the Owner of the Lot shall cause such contractors to immediately remove all equipment, tools and construction material and debris from the Lot and Residential Unit on which such construction has been completed.

9.6 Approval of Plans. No approval of plans and specifications and no publication of Design Standards pursuant to the terms of this Declaration by the Design Review Board shall be construed as representing or implying that such plans, specifications or standards will, if followed, result in properly designed improvements. Such approvals and standards shall in no event be construed as representing or guaranteeing that any Residential Unit or other improvement built in accordance therewith will be built in a good workmanlike manner. The Declarant, the Association, the Design Review Board and the Modifications Committee, if acting, shall not be responsible or liable for (i) any defects in any plans or specifications submitted, revised, or approved pursuant to the terms of this Declaration, (ii) any loss or damages to any person rising out of the approval or disapproval of any plans or specifications, (iii) any loss or damage arising from the non-compliance of such plans and specifications as with any governmental ordinances and regulations, nor (iv) any defects in construction undertaken pursuant to such plans and specifications.

9.7 Construction Criteria and Requirement of Compliance With Law. All Residential Units and other structures and improvements shall be constructed, modified, altered or added to in compliance with any and all applicable state, county and municipal zoning and building restrictions and any applicable regulations and restrictions as might apply to the real estate. All grading,

clearing, construction of impervious surfaces, building and other construction activity performed on Lots or Residential Units that are subject to the rules, regulations, guidelines and restrictions of any regulatory authority shall be performed in accordance with such rules, regulations, guidelines and restrictions.

9.8 Land Use and Building Type. Unless otherwise set forth by Declarant in a Supplemental Declaration applicable to a Phase, the following shall be applicable to all Lots.

(a) Structures and Improvements. For purposes of lending assistance to define structures and improvements as required to be approved by the Design Review Board, such structures and improvements shall include, but shall not be limited to, staking, clearing, excavation, grading and other site work; initial construction of any Residential Unit or accessory building; exterior alteration of existing improvements; installation or replacement of mailboxes; basketball hoops; swing sets and similar sports and play equipment, clotheslines, garbage cans, wood piles; swimming pools; gazebos or playhouses; window air-conditioning s or fans; hot tubs; wells; solar panels; antennas; satellite dishes or any other apparatus for the transmission or reception of television, radio, satellite, or other signals of any kind; hedges, walls, dog runs, animal pens, or fences of any kind, including invisible fences; docks (as permitted by regulatory authorities, including the Army Corps of Engineers, if applicable); artificial vegetation or sculpture; and planting or removal of landscaping materials. Notwithstanding the foregoing, the Declarant and the Association shall regulate antennas, satellite dishes, or any other apparatus for the transmission or reception of television, radio, satellite or other signals of any kind only in strict compliance with all federal laws and regulations.

(b) In addition to the foregoing activities requiring prior approval, the following items are strictly regulated, and the Design Review Board shall have the right, in its sole discretion, to prohibit or restrict these items within the Properties. Each owner must strictly comply with the terms of this Section unless approval or waiver in writing is obtained from the Design Review Board. The Design Review Board may, but is not required to, adopt specific guidelines as part of the Design Guidelines or rules and regulations which address the following items.

(i) Signs. No sign of any kind shall be erected by an Owner or occupant within any portion of the Properties, including Common Area or , without the prior written consent of the Design Review Board, except (1) such signs as may be required by legal proceedings; and (2) not more than one (1) professional security sign of such size deemed reasonable by the Design Review Board in its sole discretion. The Declarant and the Design Review Board reserve the right to adopt additional restrictions with respect to the size, content, color, lettering, design and placement of any approved signs. All signs must be professionally prepared. This provision shall not apply to entry, directional, or other signs installed by the Declarant or its duly authorized agent as may be necessary or convenient for the marketing and development of the Properties.

(ii) Tree Removal. No trees that are more than six (6) inches in diameter at a point two (2) feet above the ground shall be removed without the prior written consent of the Design Review Board, *provided, however,* any trees, regardless of their diameter,

that are located within ten (10) feet of a drainage area, a sidewalk, a residence, or a driveway, or any diseased or dead trees needing to be removed to promote the growth of other trees or for safety reasons may be removed without the written consent of the Design Review Board. The Design Review Board may adopt or impose requirements for, or condition approval of, tree removal upon the replacement of any tree removed.

(iii) Lighting. Exterior lighting visible from the street shall not be permitted except for: (1) approved lighting as originally installed on a Lot; (2) one (1) approved decorative post light; (3) pathway lighting; (4) street lights in conformity with an established street lighting program for the Properties; (5) seasonal decorative lights during the usual and common season; or (6) front house illumination of model homes.

(iv) Accessory Structures. With the approval of the Design Review Board, detached accessory structures may be placed on a Lot to be used for a playhouse, swimming pool, tennis court, tool shed, dog house, garage or other approved use. A garage may also be an attached accessory structure. Such accessory structures shall conform in exterior design and quality to the dwelling on the Lot. With the exception of a garage that is attached to a dwelling and except as may be provided otherwise by the Design Review Board, an accessory structure placed on a Lot shall be located only behind the dwelling as such dwelling fronts on the street abutting such Lot or in a location approved by the Design Review Board. All accessory structures shall be located within side and rear setback lines as may be required by the Design Review Board or by applicable zoning law.

(v) Garages. Unless a variance is obtained pursuant to Section 9.10, no front entry garages are permitted. All garages must have doors and each garage door must be coordinated in design and color with the Residential Unit to which it is appurtenant. Each Owner shall provide in respect to each of such Owner's Residential Units parking of at least two (2) automobiles within garages. The garage shall be constructed at the same time that the Residential Unit is constructed and occupancy of the Residential Unit shall not be authorized until the garage is complete.

(vi) Utility Lines. Overhead utility lines, including lines for cable television, are not permitted except for temporary lines as required during construction and lines installed by or at the request of Declarant.

(vii) Minimum Dwelling Size. Each Residential Unit located on any Lot shall have established in the Design Guidelines a minimum square footage of enclosed, heated and cooled living space. Upon written request of an Owner, the Design Review Board may waive the square footage requirement if, in the Design Review Board's sole discretion, the resulting appearance of such Residential Unit will preserve and conform to the overall appearance, scheme, design, value and quality within the Properties.

(viii) Sight Distance at Intersections. All property located at street intersections or driveways shall be landscaped and improved so as to permit safe sight across such areas. No fence, wall, hedge or shrub shall be placed or permitted to remain where it would

cause a traffic or sight problem. The Design Guidelines may include additional sight line limitations.

(ix) Air Conditioning Facilities. No window or wall type air conditioners shall be permitted to be used, erected, placed, or maintained on or in any Residential Unit, building, improvement or structure within the Properties.

(x) Utility Location. The Owners shall ascertain the location of utility service lines and keep the area over the route, if underground, of said service drops free of excavations and clear of structures, trees and other obstructions; it being understood that the lighting and power company may install, maintain, repair, replace and remove said underground service drops, if any, and open the ground for any such purpose or purposes; and no payment will be due or made by any utility for such use or activity.

(xi) Walls, Fences, and Hedges. No walls or fences shall be erected or maintained on any Lot nearer to the street front than the front building line as set forth and as may be shown on the Subdivision Plat unless approved, in writing, by the Design Review Board. All fences and walls shall be approved by the Design Review Board pursuant to standards adopted by it prior to installation. All walls and fences on any Lot must be no higher than as might be approved and must be of a material the same as the house (i.e. brick, stone or stucco) or as otherwise approved by the Design Review Board. No fence may be installed which will impede the natural flow of water across the Lot. All fences must be approved by the Design Review Board. Ownership of any wall, fence, or hedge erected as a protective screening on a Lot shall pass with title to the Lot. Each Owner shall be responsible for maintaining any wall, fence or hedge as may exist on his or her Lot.

(xii) Parking. Each Lot shall have provided thereon adequate off street parking as determined by the Design Review Board.

(xiii) Mailboxes. Only one (1) mailbox may be located on each Lot, which mailbox shall be consistent with the Design Standards. Each mailbox shall be located and thereafter maintained in a location approved by the Design Review Board consistent with the requirements, if any, of the United States Postal Service, its successors and assigns.

(xiv) Driveway Construction. No driveway shall be placed on any Lot nor be connected to any street or road within the Properties until the location and materials on the Lot and street access of such driveway are approved by the Design Review Board. In the event there are any concrete curbs in the Properties and such curves are chipped, cracked and/or broken on the street front side as a result of driveway installation or otherwise such shall be repaired or replaced at the expense of the Owner of the Residential Unit prior to occupancy of the Residential Unit on said Lot.

9.9 No Waiver of Future Approvals. Approval of proposals, plans and specifications, or drawings for any work done or proposed, or in connection with any other matter requiring approval, shall not be deemed to constitute a waiver of the right to withhold approval as to any similar proposals, plans and specifications, drawings, or other matters subsequently or additionally submitted for approval.

9.10 Variance. The Design Review Board may authorize variances from compliance with any of its guidelines and procedures when circumstances such as topography, natural obstructions, hardship, or aesthetic or environmental considerations require, but only in accordance with duly adopted rules and regulations. Such variances may only be granted, however, when unique circumstances dictate and no variance shall (a) be effective unless in writing; (b) be contrary to this Declaration; or (c) prevent the Design Review Board from denying a variance in other circumstances. For purposes of this Section, the inability to obtain approval of any governmental agency, the issuance of any permit, or the terms of any financing shall not be considered a hardship warranting a variance.

9.11 Limitation of Liability. The standards and procedures established pursuant to this Article are intended to provide a mechanism for maintaining and enhancing the overall aesthetics of the Properties only, and shall not create any duty on the part of the Declarant, the Association, the Board or the Design Review Board to any Person. Review and approval of any application pursuant to this Article is made on the basis of aesthetic considerations only and neither the Declarant, the Association, nor the Design Review Board shall bear any responsibility for ensuring the structural integrity or soundness of approved construction or modifications, the adequacy of soils or drainage, nor for ensuring compliance with building codes and other governmental requirements. Neither the Declarant, the Association, the Board, the Design Review Board or any committee, or member of any of the foregoing shall be held liable for any injury, damages, or loss arising out of the manner or quality of approved construction on or modifications to any Lot. In all matters, the committees and their members shall be defended and indemnified by the Association as provided in Section 4.6.

9.12 Enforcement.

(a) The Declarant, any member of the Design Review Board or the Board, or the representatives of each shall have the right, during reasonable hours and after reasonable notice, to enter upon any Lot to inspect for the purpose of ascertaining whether any structure or improvement is in violation of this Article. Any structure, improvement or landscaping placed or made in violation of this Article shall be deemed to be nonconforming. Upon written request from the Design Review Board, Owners shall, at their own cost and expense, remove such structure or improvement and restore the property to substantially the same condition as existed prior to the nonconforming work. Should an Owner fail to remove and restore the property as required, any authorized agent of Declarant, the Design Review Board or the Board shall have the right to enter the property pursuant to Section 11.5, remove the violation, and restore the property to substantially the same condition as previously existed. Entry for such purposes and in compliance with this Section shall not constitute a trespass. In addition, the board may enforce the decisions of the Declarant, and the Design Review Board by any means of enforcement described in Section 4.4. All costs, together with the interest at the maximum rate then allowed by law, may be assessed against the benefited Lot and collected as a Specific Assessment.

(b) Unless otherwise specified in writing by theDesign Review Board, all approvals granted hereunder shall be deemed conditioned upon completion of all elements of the

approved work and all work previously approved with respect to the same Lot, unless approval to modify any application has been obtained. If, after commencement, any Person fails to diligently pursue to completion all approved work, the Association shall be authorized, after notice to the Owner of the Lot and an opportunity to be heard in accordance with the By-Laws, to enter upon the Lot and remove or complete any incomplete work and to assess all costs incurred against the Lot and the Owner thereof as a Specific Assessment.

(c) Neither the Design Review Board nor the Association, the Declarant, nor their members, officers or directors shall be held liable to any Person for exercising the rights granted by this Article. Any contractor, subcontractor, agent, employee, or other invitee of an Owner who fails to comply with the terms and provisions of this Article or the Design Guidelines may be excluded by the Design Review Board from the Properties, subject to the notice and hearing procedures contained in the By-Laws.

(d) In addition to the foregoing, the Association shall have the authority and standing to pursue all legal and equitable remedies available to enforce the provisions of this Article and the decisions of the Design Review Board.

ARTICLE 10: USE RESTRICTIONS

10.1 Use Restrictions. This Article sets out certain use restrictions which must be complied with by all Owners and occupants of any Lot. The Properties shall be used only for residential, recreational, and related purposes (which may include, without limitation, model homes, sales offices, an information center and/or a sales office for any real estate broker retained by the Declarant to assist in the sale of property described on **Exhibit A** or any portion of the Additional Property, offices for any property manager retained by the Association, business offices for the Declarant or the Association or related parking facilities) consistent with this Declaration and any Supplemental Declaration.

10.2 Occupants Bound. All provisions of the Declaration, By-Laws, and of any rules and regulations, use restrictions or Design Guidelines governing the conduct of Owners and establishing sanctions against Owners shall also apply to all occupants even though occupants are not specifically mentioned.

10.3 Leasing. Lots may be leased for residential purposes only. All leases shall require, without limitation, that the tenant acknowledge receipt of a copy of the Declaration, By-Laws, use restrictions, and rules and regulations of the Association. The lease shall also obligate the tenant to comply with the foregoing. The Board may require notice of any lease together with such additional information deemed necessary by the Board.

10.4 Residential Use.

(a) Subject to the rights of Declarant as set out herein, Lots may be used only for residential purposes of a single family, and for ancillary business or home office uses so long as: (i) the existence or operation of the activity is not apparent or detectable by sight, sound, or smell from outside the Lot; (ii) the activity conforms to all zoning requirements for the

Properties; (ii) the activity does not involve door-to-door solicitation of residents of the Properties; (iv) the activity does not increase traffic or include frequent deliveries within the Properties; and (v) the activity is consistent with the residential character of the Properties and does not constitute a nuisance, or a hazardous or offensive use, or threaten the security or safety of other residents of the Properties, as may be determined in the sole discretion of the Board.

(b) Subject to the rights of Declarant set out herein, no other business, trade, or similar activity shall be conducted upon a Lot without the prior written consent of the Board. The terms "business" and "trade", as used in this provision, shall be construed to have their ordinary, generally accepted meanings and shall include, without limitation, any occupation, work, or activity undertaken on an ongoing basis which involves the provision of goods or services to persons other than the provider's family and for which the provider receives a fee, compensation, or other form of consideration, regardless of whether: (i) such activity is engaged in full or part-time, (ii) such activity is intended to or does generate a profit, or (iii) a license is required.

(c) The leasing of a Lot shall not be considered a business or trade within the meaning of this Section. This Section shall not apply to any activity conducted by the Declarant with respect to its development and sale of the Properties or its use of any Lots which it owns within the Properties, including the operation of a timeshare or similar program.

(d) No garage sale, moving sale, rummage sale, or similar activity shall be conducted upon a Lot without the prior written consent of the Board.

10.5 Vehicles. All vehicles shall be subject to such reasonable rules and regulation as the Board of Directors may adopt. In addition, the following shall apply.

(a) Automobiles and non-commercial trucks and vans shall be parked only in the garages or in the driveways, if any, serving the Lots unless otherwise approved by the Design Review Board; provided however, the Declarant and/or the Association may designate certain on-street parking areas for visitors or guests subject to reasonable rules. No automobile or non-commercial truck or van may be left upon any portion of the Properties, except in a garage, if it is unlicensed or if it is in a condition such that it is incapable of being operated upon the public highways. Such vehicle shall be considered a nuisance and may be removed from the Properties. No motorized vehicles shall be permitted on trails, paths, or unpaved Common Area except for public safety vehicles and as specifically authorized by the Board. For purpose of the foregoing, a non-commercial truck shall be deemed to be a truck upon which there is contained no commercial lettering, phone numbers, or business advertisement on the exterior thereof and which does not contain commercial license tags.

(b) Recreational vehicles belonging to Owners or occupants of the Lots shall be parked only in the recreational vehicle storage area within the Properties, or in garages, if any, serving the Lots or, with the prior written approval of the Design Review Board, other hard-surfaced areas which are not visible from the street. "Visibility" shall be determined by the Design Review Board in its sole discretion. Guests of an Owner or occupant may park a motor or mobile home on the driveway serving the Owner's or occupant's Lot for a period not to exceed

seven (7) Days each calendar year. The term "recreational vehicles", as used herein, shall include, without limitation, motor homes, mobile homes, boats, "jet skis" or other watercraft, trailers, other towed vehicles, motorcycles, minibikes, scooters, go-carts, golf carts, campers, buses, and camper trucks and vans. Any recreational vehicle parked or stored in violation of this provision in excess of seven (7) Days shall be considered a nuisance and may be removed from the Properties. Fees and costs for removal and storage under this provision shall be assessed against the Lot as a Specific Assessment. The Declarant and/or the Association may designate certain parking areas within the Properties for recreational vehicles subject to reasonable rules and fees, if any.

(c) Service and delivery vehicles may be parked in the Properties during daylight hours for such periods of time as are reasonably necessary to provide service or to make a delivery within the Properties.

(d) Without prior written approval and authorization of the Board of Directors, no boats, boat trailers, campers, canoes, motorcycles, mopeds, all terrain vehicles, vehicles used primarily for recreational purposes, vehicles primarily used for commercial purposes, abandoned vehicles, vehicles which are either dismantled, partially dismantled, inoperative, discarded or one which does not have a valid license plate attached thereto, shall be stored, allowed to remain, or repeatedly parked on the Properties subject to this Declaration, except in any area, if any, designated by the Board of Directors. No vehicles shall be parked on the Common Area other than in authorized parking areas. No vehicles shall be parked or stored on blocks or other such devices on the Common Area or other portion of the Properties visible from the Common Area. No vehicles shall be parked so as to obstruct the fire lanes or roadways within the Properties. If permitted, boat trailers, boats, campers, motorcycles, mopeds, all terrain vehicles, vehicles primarily used for recreational or commercial purposes, travel trailers or inoperative automobiles are to be stored out of view from the streets and shall not be stored in any street right-of-way or on driveways. The Association is expressly authorized to remove, by towing or other methods, at the Owner's expense, any unlawful or prohibited vehicle in violation hereof.

(e) All vehicular traffic on the private streets and roads within the Properties shall be subject to the provisions of the laws of the State of Florida and County concerning operation of motor vehicles on public streets. The Board is hereby authorized to promulgate, administer, and enforce reasonable Rules and Regulations governing vehicular and pedestrian traffic, including reasonable safety measures and speed limits including modifications of those in force on public streets, within the Properties. The Association shall be entitled to enforce same by establishing such enforcement procedures as it deems appropriate, including levying fines for the violation thereof. In the event of a conflict between such provisions of the laws of the State of Florida and County and such Rules and Regulations promulgated by the Association, the Rules and Regulations of the Association shall control unless the laws of the State of Florida or County are determined by the Board to be more restrictive. Only drivers licensed to operate motor vehicles by the State of Florida or by any other state in the United States may operate any type of motor vehicle, including golf carts, mopeds, all terrain vehicles, motorcycles, motor driven bicycles within the Properties. All vehicles of any kind and nature which are operated on the streets of the Properties shall be operated in a careful, prudent, safe, and quiet manner with due consideration for the rights of all Owners within the Properties.

10.6 Use of Common Area.

(a) There shall be no obstruction of the Common Area, including without limitation any community dock(s), boat ramp and recreational vehicle and boat storage area, nor shall anything be kept, parked or stored on any part of the Common Area without the prior written consent of the Association, except as specifically provided herein. With the prior written approval of the Board of Directors, and subject to any restrictions imposed by the Board, an Owner or Owners may reserve portions of the Common Area for use for a period of time as set by the Board. Any such Owner or Owners who reserve a portion of the Common Areas as provided herein shall assume all risks associated with the use of the Common Area and all liability for any damage or injury to any person or thing as a result of such use. The Association shall not be liable for any damage or injury resulting from such use unless such damage or injury is caused solely by the willful acts or gross negligence of the Association, its agents or employees.

(b) Owners of Lots, as well as their families, tenants, guests, invitees, and pets shall refrain from any actions which deter from the enjoyment by other Owners of areas within the Properties designated as Common Area. Prohibited activities shall include without limitation, maintenance of dogs or other pets under conditions which interfere with the use of the specified areas by other Owners, playing of loud radios or musical instruments, holding of large gatherings without advance approval of the Board, and use of portable outdoor grills, cooking facilities, tents or other temporary structures, stages, vending machines or facilities, except for events approved in advance by the Board. The Board may promulgate other rules and restrictions for the use of these areas.

10.7 Animals and Pets. No animals, livestock or poultry of any kind shall be raised, bred, or kept on any Lot nor within any Residential Unit, except that dogs, cats or other usual household pets may be kept by the respective Owners on their respective Lots and within their respective Residential Unit, provided that they are not kept, bred or maintained for any commercial purpose and do not endanger the health of or unreasonably disturb the Owner of any Lots within the Community; provided that the Board of Directors may, by adoption of Rules and Regulations, (i) prohibit from the Properties animals which are determined by the Board to be dangerous or detrimental to the health, safety or welfare of the Owners and (ii) prohibit any respective pet from travel upon or use of the Common Area unless the owner of such pet pays a user fee to the Association in an amount determined by the Board. In addition, Rules and Regulations may include but not be limited to the prohibition of animals as to size, weight or type. No pet enclosure shall be erected, placed or permitted to remain on any Lot subjected to this Declaration except as approved pursuant to Article 9. In the event a pet or pets become a nuisance in the opinion of the Declarant or the Board, they shall be removed from the Properties. All animals, as are permitted herein, shall be kept and maintained in accordance with the Rules and Regulations established by the Board.

10.8 Nuisance. It shall be the responsibility of each Owner and occupant to prevent the development of any unclean, unhealthy, unsightly, or unkempt condition on his or her property. The Properties shall not be used, in whole or in part, for the storage of any property or thing that will cause such Lot to appear to be in an unclean or untidy condition or that will be

obnoxious to the eye; nor shall any substance, thing, or material be kept that will emit foul or obnoxious odors or that will cause any noise or other condition that will or might disturb the peace, quiet, safety, comfort, or serenity of the occupants of surrounding property. No noxious or offensive activity shall be carried on within the Properties, nor shall anything be done tending to cause embarrassment, discomfort, annoyance, or nuisance to any Person within the Properties. There shall not be maintained any plants or animals or device or thing of any sort whose activities or existence in any way is noxious, dangerous, unsightly, unpleasant, or of a nature as may diminish or destroy the enjoyment of the Properties. Without limiting the generality of the foregoing, no speaker, horn, whistle, siren, bell, amplifier or other sound device, except such devices as may be used exclusively for security purposes or as approved by the Design Review Board, shall be located, installed or maintained upon the exterior of any Lot unless required by law. Any siren or device for security purposes shall contain a device or system which causes it to shut off automatically. The reasonable and normal development, construction and sales activities conducted or permitted by the Declarant shall not be considered a nuisance or a disturbance of the quiet enjoyment of any Owner or occupant.

10.9 Storage of Materials, Garbage, Dumping, Etc.

(a) All garbage cans shall be located or screened so as to be concealed from view of neighboring streets and property. All rubbish, trash, and garbage shall be regularly removed and shall not be allowed to accumulate. There shall be no dumping of grass clippings, leaves or other debris; rubbish, trash or garbage; petroleum products, fertilizers, or other potentially hazardous or toxic substances on wetlands or marsh areas or in any drainage ditch or stream within the Properties, except that fertilizers may be applied to landscaping on Lots provided care is taken to minimize runoff. No lumber, metals, bulk materials, refuse, trash or other similar materials shall be kept, stored, or allowed to accumulate outside the buildings on any Lot, except as may be permitted during any period of construction of improvements to a Lot.

(b) Each Owner shall maintain its Lot in a neat and orderly condition throughout construction of a residential dwelling or accessory structure and not allow trash and debris from its activities to be carried by the wind or otherwise scattered within the Properties. Storage of construction materials on the Lot shall be subject to such conditions, rules, and regulations as may be set forth in the Design Guidelines. Each owner shall keep roadways, easements, swales, and other portions of the properties clear of silt, construction materials and trash from its activities at all times. Trash and debris during construction shall be contained in standard size dumpsters or other appropriate receptacles and removed regularly from Lots and shall not be buried or covered on the Lot. All Lots on which construction is in progress must be inspected by the Owners or their builders prior to each weekend, and during the weekend all materials shall be neatly stacked or placed and any trash or waste materials shall be removed. In addition, Owners shall remove trash and debris from the Lot upon reasonable notice by Declarant in preparation for special events.

10.10 Combustible Liquid. Storage of gasoline, propane, heating or other fuels is prohibited, except for a reasonable amount of fuel that may be stored in containers appropriate for such purpose on each Lot for emergency purposes and operation of lawn mowers and similar tools or equipment and except as may be approved in writing by the Design Review Board. The

Association shall be permitted to store fuel for operation of maintenance vehicles, generators and similar equipment.

10.11 Guns. The discharge of firearms on the Properties is prohibited. The term "firearms" includes without limitation "B-B" guns, pellet guns, and firearms of all types. The Board may impose fines, and exercise other means of enforcement as set forth in this Declaration, but shall have no obligation to exercise self-help to prevent or stop such discharge.

10.12 Subdivision of Lot. Without the Declarant's prior written consent, no Lot shall be subdivided or its boundary lines changed after a subdivision plat depicting the Lot has been approved and filed in the Public Records. Any such division, boundary line change, or replatting shall not be in violation of the applicable subdivision and zoning regulations, if any.

10.13 Drainage and Grading.

(a) Catch basins and drainage areas are for the purpose of natural flow of water only. No improvements, obstructions or debris shall be placed in these areas. No Owner or occupant may obstruct or rechannel the drainage flows after location and installation of drainage swales, storm sewers, or storm drains.

(b) Each Owner shall be responsible for maintaining all drainage areas located on its Lot, and for controlling the natural and man-made water flow from its Lot. Required maintenance shall include, but not be limited to, maintaining ground cover in drainage areas and removing any accumulated debris from catch basins and drainage areas. No Owner shall be entitled to overburden the drainage areas or drainage system within any portion of the Properties with excessive water flow from its Lot. Owners shall be responsible for all remedial acts necessary to cure any unreasonable drainage flows from Lots. Neither the Association nor the Declarant bears any responsibility for remedial actions to any Lot.

(c) No Person shall alter the grading of any Lot without prior approval pursuant to Article 9 of this Declaration. The Declarant hereby reserves for itself and the Association a perpetual easement cross the Properties for the purpose of altering drainage and water flow. The exercise of such an easement shall not materially diminish the value of or unreasonably interfere with the use of any Lot without the Owner's consent.

10.14 Irrigation. Owners shall not install irrigation systems which draw upon ground or surface waters nor from any stream or other bodies of water within the Properties. However, the Declarant and the Association shall have the right to draw water from such sources for the purpose of irrigating the Area of Common Responsibility.

10.15 Streams. No streams which run across any Lot may be dammed, or the water therefrom impounded, diverted, or used for any purpose without the prior written consent of the Board, except that the Declarant shall have such rights as provided in Article 11.

10.16 Wetlands or Marsh Areas. All areas designated on a recorded plat as "wetlands" or "marsh" shall be generally left in a natural state, and any proposed alteration of the wetlands

or marsh areas must be in accordance with any restrictions or covenants recorded against such property and be approved by all appropriate regulatory bodies. Additionally, any area within the Properties subject to a recorded Conservation Easement must be utilized and maintained in accordance with any restrictions, limitations, obligations or covenants set forth within said Conservation Easement. Prior to any alteration of a Lot, the Owner shall determine if any portion thereof meets the requirements for designation as a regulatory wetland or marsh area. Notwithstanding anything contained in this Section, the Declarant, the Association, and the successors, assigns, affiliates and designees of each may conduct such activities as have been or may be permitted by the U.S. Army Corps of Engineers, the Florida Department of Environmental Protection or any successor thereof responsible for the regulation of wetlands or marsh areas.

10.17 Temporary Structures. Subject to the Declarant's and Builder/Owner's rights reserved herein, and other than for temporary facilities as might be installed by Declarant or the Association for purposes of administration of the Properties, no structure of a temporary character, whether trailer, basement, tent, shack, garage, barn, or other outbuilding shall be permitted, maintained or used on any Lot at any time as a residence or for any other purpose, either temporarily or permanently. No garage, servants' quarters, or other permitted accessory structure shall be erected, placed, or maintained on any Lot until construction of a main Residential Unit has commenced. Subject to Article 9, any structure on which construction has commenced must be completed within a reasonable length of time.

10.18 Clotheslines, Garbage Cans, Woodpiles, etc. All garbage cans, woodpiles, and other similar items shall be located or screened so as to be concealed from view of neighboring Lots, Residential Units, streets, Common Area and Additional Property. All rubbish, trash, and garbage shall be regularly removed from the Lot and shall not be allowed to accumulate thereon. Subject to Declarant's reserved rights, no Lot shall be used or maintained as a dumping ground for rubbish, trash or garbage. Trash, garbage, or other rubbish shall not be kept on any Lot, except in sanitary containers constructed of metal, plastic, or masonry materials with sanitary covers or lids. All such sanitary containers shall be kept in a clean and sanitary condition. No Lot shall be used for the open storage of any materials whatsoever, which storage is visible from the street, except that new building materials used in the construction of improvements erected upon any Lot may be placed upon such Lot at the time construction is commenced and may be maintained thereon for a reasonable time, so long as the construction progresses without undue delay, until the completion of the improvements, after which these materials shall either be removed from the Lot or stored in a suitable enclosure of the Lot. Exterior clotheslines are expressly prohibited on any Lot.

10.19 Solar Devices. No artificial or man made device which is designated or used for collection of or heating by solar energy or other similar purposes shall be placed, allowed, or maintained upon any portion of the Properties, including upon any Lot or Residential Unit unless approved in accordance with Article 9.

10.20 Above-Ground Pools. Above ground swimming pools shall be strictly prohibited from the Properties.

10.21 Oil and Mining Operations. No oil drilling or development operation, water wells, soil refining, quarrying, or mining operations of any kind shall be permitted upon or in any Lot, nor shall oil wells, tanks, tunnels, mineral excavations, or shafts be permitted upon or in any Lot. No derrick or other structure designed for use in boring for oil, water, natural gas, or minerals shall be erected, maintained, or permitted upon any Lot.

10.22 Environmental Resource Management Easements. Each Lot shall be subject to the restrictions of the Environmental Resource Management Easements, as depicted on a Subdivision Plat, as described in Section 1.29, and Section 2.9.

ARTICLE 11: EASEMENTS

11.1 Reserved Easements. Declarant hereby reserves the following easements and rights in respect to the Properties which reservation is in addition to the other easements reserved in this Declaration.

(a) the perpetual, alienable and transferable easement and right reserved to the benefit of Declarant and its successors and assigns and, subject to regulation by the Declarant, to the benefit of Builder/Owners, to enter and travel upon, over, and across the Common Area for the purpose of completion and repair of improvements within the Properties or Additional Property, including Residential Units and for all reasonable purposes to further assist and enhance the marketing and sale of the Properties, Lots or Residential Units together with the easement in and to the Common Area and Lots not conveyed to an Owner for the maintenance of signs, sales offices, construction offices, business offices, and model Residential Units, together with such other facilities as in the sole opinion of the Declarant may be reasonable required, convenient or incidental to the completion, improvement and/or marketing and sale of Lots, Residential Units or the Additional Property, so long as Declarant or any Builder/Owner owns any Lot or Residential Unit primarily for the purpose of sale or has the unexpired option to add the Additional Property or any portion thereof to the Property;

Notwithstanding the foregoing reserved easements and rights, the beneficiaries of any rights or easements hereinabove set forth for purposes of travel, entry, access, ingress or egress waive all rights of uncontrolled and unlimited travel, entry, access, ingress or egress across the Common Area and acknowledge and agree that such travel, entry, access, ingress or egress shall be limited to roads, streets, sidewalks, pathways, parking lots, walkways and trails located within or upon the Common Area.

11.2 Owner's Right to Ingress, Egress, Use and Support.

(a) Every Owner shall have and is hereby granted the right and easement of ingress and egress over, upon, and across the Common Area necessary for access to his or her Lot and shall furthermore have and is hereby granted the right and easement to lateral support. Such rights shall be appurtenant to and pass with the title to each Lot and shall be subject to the terms of this Declaration. However, all Owners, by accepting title to Lots, waive all rights of uncontrolled and unlimited access, ingress and egress to and from each such Lot and acknowledge and agree that such access, ingress and egress shall be limited to roads, streets, sidewalks, walkways, parking lots

and trails located within the Properties from time to time, provided that pedestrian and vehicular access to and from all Lots shall be provided at all times.

(b) There is reserved unto (i) the Declarant and (ii) the Association, the right and privilege, but not the obligation to maintain guarded or electronically-monitored gates controlling vehicular access to and from the Properties provided, however, that no such guarded or electronically-monitored gates shall prohibit or unreasonably interfere with the use and enjoyment of the reserved rights and easements set forth in this Article and, provided further, that no such guarded or electronically-monitored gates controlling vehicular access to the Properties shall impede or otherwise interfere with (i) Declarant to market, sell and develop the Community inclusive of the Additional Property or any portions thereof or; (ii) to the extent determined by Declarant the right of Builder/Owners to market, sell, and develop Lots within the Properties, including the Additional Property.

11.3 Easement for Additional Property. There is hereby reserved to Declarant, its successors, assigns and successors-in-title to the Additional Property and all parts thereof for the benefit of and as an appurtenance to the Additional Property and as a burden upon the Properties, a perpetual, alienable and transferable right and easement for (i) pedestrian and vehicular ingress, egress and parking, across, within, and on all roads, sidewalks, trails and parking facilities, from time to time located within the Common Area (ii) the installation, maintenance, repair, replacement, connection and use of security systems and utility facilities and distribution lines, including, without limitation, drainage systems, storm sewers, and electrical, gas, telephone, water, sewer and master television antennas and/or cable system lines, and (iii) drainage and discharge of surface water onto and across the Properties, provided that such drainage and discharge shall not unreasonably interfere with the use and enjoyment of the Lots, the Properties or any improvements from time to time located thereon.

11.4 Easement for Association. There is hereby reserved for the benefit of the Association, its officers, agents and employees, including, but not limited to, any manager employed by the Association and any employees of such manager, a general right and easement to enter upon any Lot or portion thereof in the performance of its respective duties. Except in the event of emergencies, this easement is to be exercised only during normal business hours and then, whenever practical, only upon advance notice and with permission of the Owner, occupant, of the Lot directly affected thereby.

11.5 Maintenance Easement. Subject to the provisions regarding maintenance set forth herein there is hereby reserved for the benefit of the Declarant, the Association, and their respective agents, employees, successors and assigns, an alienable, transferable and perpetual right and easement to enter upon any Lot for the purpose of mowing, removing, clearing, cutting or pruning landscape covering, grass, underbrush, weeds, stumps, or other unsightly growth and removing trash, so as to maintain the Community Wide Standard and reasonable standards of health, fire safety, and aesthetic appearance within the Properties; provided that such easement shall not impose any duty or obligation upon the Declarant or the Association to perform any such action.

11.6 Alterations in Boundaries, Additions to Common Area. There is hereby reserved in Declarant the right to alter, modify and realign the boundaries of the Common Area or any Lots

owned by Declarant, including the realignment of boundaries between adjacent Lots owned by Declarant. Any such alteration may be shown on an amendment to the Subdivision Plat adopted and recorded by Declarant.

11.7 Easement of Encroachment. If any portion of the improvements constructed on the Common Area encroaches upon a Lot or any improvement constructed on a Lot encroaches upon the Common Area as a result of construction, reconstruction, repair, shifting, settlement, or movement of any portion of the improvements, a valid easement for the encroachment and for the maintenance of the same shall exist so long as the encroachment exists; provided, however, if any improvement on a Lot or Common Area is knowingly and willfully constructed, reconstructed, or repaired so as to encroach, respectively, on the Common Area or a Lot, to an extent greater than five (5) feet, no such easement shall exist.

11.8 Use of Common Area. Other than for the right of ingress and egress and the normal intended use as interpreted by the Declarant until expiration of the Development Period and thereafter as interpreted by the Association, the Owners are hereby prohibited and restricted from using any of the Common Area except as may be allowed by the Board or as may be expressly permitted in this Declaration or any amendment or Supplemental Declaration applicable to all or a portion of the Properties. By way of explanation and not limitation, no planting or gardening shall be done upon the Common Area without prior approval of the Board, and no fences, hedges, walls or structures shall be erected or maintained upon the Common Area, except as are installed or modified by Declarant or as approved by the Board or their designated representatives. It is expressly acknowledged and agreed by all parties concerned that this paragraph is for the mutual benefit of all Owners and is necessary for the protection of said Owners.

11.9 Acknowledgment of Rights of Use. Each Owner, and each Member of the Association, by acceptance of a deed or contract for deed to any Lot or Residential Unit is deemed to accept the reservations, rights of use, licenses, easements, and permits existing in, through, and over the Common Area.

11.10 Conveyance of Common Area. The Association covenants to accept title to all or portions of the Common Area when offered by the Declarant.

11.11 Construction and Sale Period. Despite any provisions contained in this Declaration to the contrary, including the Use Restrictions of Article 10, herein, it shall be expressly permissible for Declarant and its assigns (which may include Builder/Owners as approved by Declarant) to maintain and carry on upon such portion of the Properties as the Declarant may deem necessary, including, but not limited to, the Common Area, such facilities and activities as in the sole opinion of Declarant may be reasonably required, convenient, or incidental to construction upon or sale and marketing of any of the Properties or Additional Property, including, without limitation, business offices, signs, model homes, and sales offices, so long as construction on or offering for sale by Declarant or a Builder/Owner of all or any portion of the Properties or Additional Property, including Lots continues. The right to maintain and carry on such facilities and activities shall include specifically the right to use Lots and Residential Units owned by Declarant or Builder/Owners as models and sales offices and to authorize sales and construction personnel to travel upon and enter the Common Area. Furthermore, Declarant reserves the right, during

installation of streets or other facilities, as shown on any Subdivision Plat or plat of any Phase, to enter onto any Lot or Lots for the purpose of disposing of excavation, if necessary, provided that such Lot or Lots have not been conveyed to and/or contracted for or by any other Owner or Owners.

11.12 Easements for Utilities, etc.

(a) There is hereby reserved to the Declarant for as long as the Development Period continues and thereafter to the Association, the power to grant blanket easements, upon, across, over, and under all of the Properties, including Lots, for ingress, egress, installation, replacing, repairing, and maintaining master television antenna or cable systems, security, and similar systems, walkways, and all utilities, including, but not limited to, water, sewers, telephones, gas, cable television, and electricity; provided this easement shall not authorize entry into or cause physical damage to any structure as might exist unless owned by Declarant if the Declarant is so acting or the Association if the Association is so acting. In furtherance of this easement, from and after such time as the Association is empowered as referred to herein, the Board shall, upon written request of Declarant, grant such easements as may be reasonably necessary for the development of any property described in Exhibit "A" or the Additional Property. In addition, Declarant reserves the easements and rights-of-way as shown on any Subdivision Plat or the plat of any Phase or any of the Properties, including Lots, for the purpose of constructing, maintaining, and repairing a system or systems of electric lighting, electric power, telegraph and telephone line or lines, gas, sewers, or any other utility Declarant determines to install in, across, and/or under the Properties; provided, however, Declarant reserves the right to relocate, make changes in and additions to the above easements for the purpose of most efficiently and economically installing the improvements. To the extent possible, all utility lines and facilities serving the Properties and located therein shall be located underground. By virtue of any such easement and facilities, it shall be expressly permissible for the providing utility company or other supplier or servicer, with respect to the portions of the Properties so encumbered, (i) to erect and maintain pipes, lines, manholes, pumps and other necessary equipment and facilities, (ii) to cut and remove any trees, bushes or shrubbery, (iii) to grade, excavate, or fill, or (iv) to take any other similar action reasonably necessary to provide economical and safe installation, maintenance, repair, and use of such utilities and systems; provided, however, that such utility company or other supplier or servicer shall take reasonable actions to repair any damages caused by such utility company or other supplier or servicer during the exercise of any rights conveyed under any easement granted hereunder.

11.13 Easement for Law Enforcement and Fire Protection. Declarant hereby grants to the County or such other governmental authority or agency as shall from time to time have jurisdiction over the Properties with respect to law enforcement and fire protection, the perpetual, alienable and transferable right and easement upon, over and across all of the Common Area for purposes of performing such duties and activities related to law enforcement and fire protection in these Properties as shall be required or appropriate from time to time by such governmental authorities under applicable law.

11.14 Assignment of Declarant Rights. Declarant may assign its rights as Declarant and by such assignment create the status of each such assignee as Declarant to all or any portion of the Properties or Additional Property to any party or parties who take title to all or any portion of the Properties or Additional Property for the purpose of development and sale. Declarant, however, unless otherwise specifically assigned, shall, so long as it owns any interest in the Community, retain its Declarant status to such portion of the Properties retained by it and retain all Class "B" votes despite any such transfer or assignment.

11.15 Easement for Walks, Trails, Signs and Perimeter Walls. It is hereby reserved for the benefit of Declarant, the Association, and their respective successors and assigns, the alienable, transferable and perpetual right and easement upon, over, and across (i) those strips of land ten (10) feet in width located along and adjacent to the exterior boundaries of all Lots, such strips to be bounded by the exterior boundaries adjacent to streets and roads and by lines in the interior of such Lots which are ten (10) feet from and parallel to such exterior boundaries, for the installation, maintenance, and use of sidewalks, traffic directional signs, and related improvements, provided that Declarant shall have no obligation to construct any such improvements. There is further reserved for the benefit of the Declarant, the Association, and their respective successor and assigns, the alienable, transferable and perpetual right and easement upon, over, and across those strips of land fifteen (15) feet in width located along those boundaries of all Lots that constitute part of the perimeter boundary of the Properties, such easement to be for the purpose of constructing, installing, replacing, repairing and maintaining a perimeter wall or fence around the perimeter boundary of the Properties, provided that Declarant nor the Association shall have any obligation to construct any such perimeter wall or fence.

11.16 Easements for Lateral Support. Declarant reserves, creates, establishes, promulgates and declares non-exclusive, perpetual, reciprocal, appurtenant easements over every portion of the Common Area, every Lot, and any improvement which contributes to the lateral support of another portion of the Common Area or of another Lot shall be burdened with an easement for lateral support, and each shall also have the right to lateral support which shall be appurtenant to and pass with title to such property.

11.17 Easement for Special Events. Declarant reserves, creates, establishes, promulgates and declares for itself, its successors, assigns and designees a perpetual, non-exclusive reciprocal, appurtenant easement over the Common Area for the purpose of conducting educational, cultural, entertainment, or sporting events, and other activities of general community interest at such locations and times as Declarant, in its sole discretion, deems appropriate. Each Owner, by accepting a deed or other instrument conveying any interest in a Lot, acknowledges and agrees that the exercise of this easement may result in a temporary increase in traffic, noise, gathering of crowds, and related inconveniences, and each Owner agrees on behalf of itself and the occupants of its Lot to take no action, legal or otherwise, which would interfere with the exercise of such easement or to recover damages for or as the result of any such activities.

11.18 Easement for Park and Walking Trail Access. Declarant hereby grants to the Owners a perpetual, non-exclusive easement over and across any areas designated as parks, recreation areas, walking trails or paths on any recorded Subdivision Plat of the Properties. Use

of such facilities shall be governed by reasonable rules and regulation promulgated by the Association.

11.19 Environmental Resource Management Easement. Declarant hereby reserves to itself an Environmental Resource Management Easement across the Properties as depicted on a Subdivision Plat or a Supplemental Declaration for the purposes otherwise provided herein.

11.19 Liability for Use of Easements. No Owner shall have a claim or cause of action against the Declarant, its successors or assigns, arising out of the exercise of any easement reserved hereunder or shown on any Subdivision Plat for the Properties, except in cases of willful or wanton misconduct.

ARTICLE 12: MORTAGEE PROVISIONS

The following provisions are for the benefit of holders, insurers, or guarantors of First Mortgages in the Community. To the extent applicable, necessary, or proper, the provisions of this Article apply to both this Declaration and to the By-Laws of the Association. Where indicated, these provisions apply only to "eligible holders," as hereinafter defined.

12.1 Notice of Action. So long as required by the Federal National Mortgage Association but only provided that the Community is a planned development approved by or seeking approval by such Association (and such is approved by the Declarant, in writing) an institutional holder, insurer, or guarantor or a First Mortgagee who provides a written request to the Association (such request to state the name and address of such holder, insurer, or guarantor and the unit number), (therefore becoming an "eligible holder"); will be entitled to timely written notice of:

(a) any proposed termination of the development;

(b) any condemnation loss or any casualty loss which affects a material portion of the Properties or which affects any Lot or Residential Unit on which there is a first mortgage held, insured, or guaranteed by such eligible holder;

(c) any delinquency in the payment of assessments or charges owed by an Owner of a Lot or Residential Unit subject to the mortgage of such eligible holder, insurer, or guarantor, where such delinquency has continued for a period of sixty (60) days;

(d) any lapse, cancellation, or material modification of any insurance policy maintained by the Association; or

(e) any proposed action which would require the consent of eligible holders, as required in Sections 2 and 3 of this Article.

12.2 Other Provisions For First Lien Holders.

(a) Any restoration or repair of the Common Area after a partial condemnation or damage due to an insurable hazard shall be substantially in accordance with this Declaration and the

original plans and specifications unless approval is obtained of the eligible holders of First Mortgages to which at least fifty-one (51%) percent of the votes of Lots and Residential Units, subject to mortgages held by such eligible holders are allocated.

(b) Any election to terminate the development after substantial destruction or a substantial taking in condemnation must require the approval of the eligible holders of First Mortgages to which at least fifty-one (51%) percent of the votes of Lots and Residential Units, subject to Mortgages held by such eligible holders, are allocated.

12.3 Amendments to Documents. The following provisions do not apply to amendments to the constituent documents or termination of the development made as a result of destruction, damage, or condemnation pursuant to (a) and (b) above, or to the addition of land in accordance with Article 7 which might occur pursuant to any plan of expansion or phased development previously approved by the agencies and corporations, to the extent such approval was required under the applicable programs of the agencies and corporations.

(a) The consent of at least sixty-seven (67%) percent of the Class "A" votes and of the Declarant, so long as it owns any land subject to this Declaration, and the approval of the eligible holders of First Mortgages to which at least sixty-seven (67%) percent of the votes of such subject to a mortgage appertain, shall be required to terminate the development.

(b) So long as required by the Federal National Mortgage Association but only provided that the Community is a planned development approved or seeking approval by the Federal National Mortgage Association (and such is approved by the Declarant, in writing) the consent of at least sixty-seven (67%) percent of the Class "A" votes and of the Declarant, so long as it owns any land subject to this Declaration, and the approval of eligible holders of First Mortgages to which at least fifty-one (51%) of the votes of Residential Units and Lots subject to a mortgage appertain, shall be required materially to amend any provisions of the Declaration, By-Laws, or Articles of Incorporation of the Association, or to add any material provisions thereto, which establish, provide for, govern, or regulate any of the following:

(i) voting;

(ii) assessments, assessment liens, or subordination of such liens;

(iii) reserves for maintenance, repair, and replacement of the Common Area;

(iv) insurance or Fidelity Bonds;

(v) rights to use of the Common Area, subject to the allowances herein contemplated;

(vi) responsibility for maintenance and repair of the Properties;

(vii) other than as in this Declaration provided, expansion or contraction of the Properties, or the addition, annexation, or withdrawal of property to or from the regime;

(viii) other than as in this Declaration provided or contemplated, boundaries of any Lot;

(ix) leasing of Residential Units;

(x) imposition of any right of first refusal or similar restriction on the right of any Owner to sell, transfer, or otherwise convey his or her Lot;

(xi) establishment of self-management by the Association where professional management has been required by any of the agencies or corporations; or

(xii) any provision included in the Declaration, By-Laws, or Articles of Incorporation which are for the express benefit of holders, guarantors, or insurers of first mortgages on Lots and Residential Units.

12.4 Special FHLMC Provision. So long as required by the Federal Home Loan Mortgage Corporation (The Mortgage Corporation), but only provided that The Community is a planned development approved by or seeking approval by The Mortgage Corporation (and such is approved by the Declarant, in writing), the following provisions apply in addition to and not in lieu of the foregoing. Unless two-thirds (2/3) of the First Mortgagees or Owners give their consent, the Association shall not:

(a) by act or omission seek to abandon, partition, subdivide, encumber, sell, or transfer the Common Area which the Association owns, directly or indirectly (the granting of easements for public utilities or for other public purposes consistent with the intended use of the Common Area shall not be deemed a transfer within the meaning of this clause);

(b) change the method of determining the obligations, assessments, dues or other charges which may be levied against an Owner;

(c) by act or omission change, waive, or abandon any scheme of regulations or enforcement thereof pertaining to the architectural design or the exterior appearance and maintenance of Lots or Residential Units and of the Common Area;

(d) fail to maintain fire and extended coverage insurance, as required by this Declaration; or

(e) use hazard insurance proceeds for any Common Area losses for other than the repair, replacement, or reconstruction of such property.

12.5 Payment of Taxes. First Mortgagees may, jointly or individually, pay taxes or other charges which are in default and which may or have become a charge against any Common Area and may pay overdue premiums on hazard insurance policies or secure new hazard insurance coverage on the lapse of a policy for such Common Area. First Mortgagees making such payments shall be owed immediate reimbursement therefor from the Association.

12.6 No Priority. No provision of this Declaration or the By-Laws gives or shall be construed as giving any Owner or any other party priority over any rights of the First Mortgagee in the case of a distribution to such Owner of insurance proceeds or condemnation awards for losses to or a taking of Common Area.

12.7 Notice of Default. Notwithstanding anything contained herein which might otherwise be construed to the contrary, a First Mortgagee, upon request, will be entitled to written notification from the Association of any default in the performance by an Owner of a Lot or Residential Unit in which such Mortgagee has an interest of any obligation under this Declaration, the By-Laws, or the Articles of Incorporation which is not cured within sixty (60) days.

ARTICLE 13: DECLARANT'S RIGHTS

13.1 Transfer or Assignment. Any or all of the special rights and obligations of the Declarant set forth in the Governing Documents may be transferred or assigned in whole or in part to the Association or to other Persons, provided that the transfer shall not reduce an obligation nor enlarge a right beyond that which the Declarant has under this Declaration or the By-Laws. Upon any such transfer, the Declarant shall be automatically released from any and all liability arising with respect to such transferred rights and obligations. No such transfer or assignment shall be effective unless it is in a written instrument signed by the Declarant and duly recorded in the Public Records.

13.2 Development and Sales. The Declarant may maintain and carry on upon the Properties such facilities and activities as, in the sole opinion of the Declarant, may be reasonably required, convenient, or incidental to the development of the Properties and/or the construction or sale of Lots, such as sales activities, tournaments, charitable events, and promotional events, and restrict Members from using the Common Area during such activities. Such activities shall be conducted in a manner to minimize (to the extent reasonably possible) any substantial interference with the Members' use and enjoyment of the Common Area. In the event that any such activity necessitates exclusion of Owners from Common Areas, such activities shall not exceed seven (7) consecutive Days. The Declarant has easements over the Properties for access, ingress and conducting such activities. In addition, the Declarant may establish within the Properties, including any clubhouse, such facilities as, in the sole opinion of the Declarant, may be reasonably required, convenient, or incidental to the development of the Properties and/or the construction or sale of the Lots, including, but not limited to, business offices, signs, model Lots, tents, sales offices, sales centers and related parking facilities. During the Development Period, Owners may be excluded from use of all or a portion of such facilities in the Declarant's sole discretion. The Declarant shall have easements over the Properties for access, ingress, and egress and use of such facilities. During the Development Period, Declarant

may permit the use of any facilities situated on the Common Area by Persons other than Owners without the payment of any use fees.

13.3 Improvements to Properties. The Declarant and its employees, agents and designees shall have a right and easement over and upon all of the Common Area for the purpose of making, constructing and installing such improvements to the Common Area as it deems appropriate in its sole discretion. The Declarant and its employees, agents and designees shall also have a right and easement over and upon each and every Lot, the boundary line or lines of which form a portion of the perimeter of the Properties, if deemed appropriate by the Declarant, in its sole discretion.

13.4 Additional Covenants. No Person shall record any declaration of covenants, conditions and restrictions, declaration of condominium, easements, or similar instrument affecting any portion of the Properties without Declarant's review and written consent. Any attempted recordation without such consent shall result in such instrument being void and of no force and effect unless subsequently approved by written consent signed by the Declarant and recorded in the Public Records. No such instrument recorded by any Person, other than the Declarant pursuant to Section 13.6, may conflict with the Declaration, By-Laws or Articles.

13.5 Amendments. Notwithstanding any contrary provision of this Declaration, no amendment to or modification of any use restrictions and rules or Design Guidelines made after termination of the Class "B" membership shall be effective during the Development Period without prior notice to and the written consent of the Declarant. This Article may not be amended without the written consent of the Declarant. The rights contained in this Article shall terminate upon the earlier of (a) twenty (20) years from the date this Declaration is recorded, or (b) upon recording by Declarant of a written statement that all sales activity has ceased.

13.6 Additional Covenants and Easements by Declarant. Until termination of the Class "B" membership, the Declarant may unilaterally subject any portion of the Properties to additional covenants and easements, including covenants obligating the Association to maintain and insure such property on behalf of the Owners and obligating such Owners to pay the costs incurred by the Association through General or Specific Assessments. Such additional covenants and easements shall be set forth in a Supplemental Declaration filed either concurrently with or after the annexation of the subject property, and shall require the written consent of the owner(s) of such property, if other than the Declarant. Any such Supplemental Declaration may supplement, create exceptions to, or otherwise modify the terms of this Declaration as it applies to the subject property in order to reflect the different character and intended use of such property.

ARTICLE 14: GENERAL PROVISION

14.1 Duration.

(a) Unless terminated as provided in this Section, or unless otherwise limited by Florida law, this Declaration shall have perpetual duration. If Florida law limits the period during which covenants may run with the land, then to the extent consistent with such law, this

Declaration shall automatically be extended at the expiration of such period for successive periods of twenty (20) years each. Notwithstanding the above, if any of the covenants, conditions, restrictions, or other provisions of this Declaration shall be unlawful, void, or voidable for violation of the rule against perpetuities, then such provisions shall continue only until twenty-one (21) years after the death of the last survivor of the now living descendants of Elizabeth II, Queen of England.

(b) Nothing in this Section shall be construed to permit termination of any easement created in this Declaration without the consent of the holder of such easement.

14.2 Amendment.

(a) By Declarant. Until termination of the Class "B" membership, Declarant may unilaterally amend this Declaration for any purpose.

(b) By Members. Except as otherwise specifically provided above and elsewhere in this Declaration, this Declaration may be amended only by the affirmative vote or written consent, or any combination thereof, of Members holding sixty-seven percent (67%) of the total Class "A" votes in the Association, including sixty-seven percent (67%) of the Class "A" votes held by Members other than the Declarant, and, during the Development Period, the written consent of the Declarant. Notwithstanding the above, the percentage of votes necessary to amend a specific clause shall not be less than the prescribed percentage of affirmative votes required for action to be taken under that clause.

(c) Validity and Effective Date. Any amendment to the Declaration shall become effective upon recording in the Public Records, unless a later effective date is specified in the amendment. Any procedural challenge to an amendment must be made within six (6) months of its recordation or such amendment shall be presumed to have been validly adopted. In no event shall a change of conditions or circumstances operate to amend any provisions of this Declaration. No amendment may remove, revoke, or modify any right or privilege of the Declarant or the Class "B" Member without the written consent of the Declarant, the Class "B" Member, or the assignee of such right or privilege.

If an Owner consents to any amendment to this Declaration or the By-Laws, it will be conclusively presumed that such Owner has the authority to consent, and no contrary provision in any Mortgage or contract between the Owner and a third party will affect the validity of such amendment.

14.3 Severability. Invalidation of any provision of this Declaration, in whole or in part, or any application of a provision of this Declaration by judgment or court order shall in no way affect other provisions or applications.

14.4 Dispute Resolution. It is the intent of the Association and the Declarant to encourage the amicable resolution of disputes involving the Properties and to avoid the emotional and financial costs of litigation if at all possible. Accordingly, the Association, the

Declarant and each Owner covenants and agrees that it shall attempt to resolve all claims, grievances or disputes involving the Properties, including, without limitation, claims, grievances or disputes arising out of or relating to the interpretation, application or enforcement of the Governing Documents through alternative dispute resolution methods, such as mediation and arbitration. To foster the amicable resolution of disputes, the Board may adopt alternative dispute resolution procedures. Participation in alternative dispute resolution procedures shall be voluntary and confidential. Should either party conclude that such discussions have become unproductive or unwarranted, then the parties may proceed with litigation.

14.5 Non-Merger. Notwithstanding the fact that Declarant is the current owner of the Properties, it is the express intention of Declarant that the easements established in the Declaration for the benefit of the Properties and Owners shall not merge into the fee simple estate of individual lots conveyed by Declarant or its successors, but that the estates of the Declarant and individual Lot Owners shall remain as separate and distinct estates. Any conveyance of all or a portion of the Properties shall be subject to the terms and provisions of this Declaration, regardless of whether the instrument of conveyance refers to this Declaration.

14.6 Grants. The parties hereby declare that this Declaration, and the easements created herein shall be and constitute covenants running with the fee simple estate of the Properties. The grants of easements in this Declaration are independent of any covenants and contractual agreements undertaken by the parties in this Declaration and a breach by either party of any such covenants or contractual agreements shall not cause or result in a forfeiture or reversion of the easements granted in this Declaration.

14.7 Cumulative Effect; Conflict. The provisions of this Declaration shall be cumulative with any additional covenants, restrictions, and declarations, and the Association may but shall not be required to, enforce such additional covenants, conditions, and provisions; provided however, in the event of a conflict between or among this Declaration and such covenants or restrictions, and/or the provisions of any articles of incorporation, by-laws, rules and regulations, policies, or practices adopted or carried out pursuant thereto, this Declaration, the By-Laws, Articles, and use restrictions and rules of the Association shall prevail. The foregoing priorities shall apply, but not be limited to, the lien for assessments created in favor of the Association. Nothing in this Section shall preclude any Supplemental Declaration or other recorded declaration, covenants and restrictions applicable to any portion of the Properties from containing additional restrictions or provisions which are more restrictive than the provisions of this Declaration, and the Association shall have the standing and authority to enforce the same.

14.8 Use of Protected Words "Laird Point". No Person shall use the words "Laird Point" or any derivative in any printed or promotional material without the Declarant's prior written consent. However, Owners may use the words "Laird Point" in printed or promotional matter where such terms are used solely to specify that particular property is located within Laird Pointand the Association shall be entitled to use the words "Laird Point" in its name.

14.9 Compliance. Every Owner and occupant of any Lot shall comply with the Governing Documents. Failure to comply shall be grounds for an action by the Association or by any aggrieved Owner(s) to recover sums due, for damages or injunctive relief, or for any

other remedy available at law or in equity, in addition to those enforcement powers granted to the Association in Section 4.4.

14.10 Notice of Sale or Transfer of Title. Any Owner desiring to sell or otherwise transfer title to a Lot shall give the Board at least seven (7) Days' prior written notice of the name and address of the purchaser or transferee, the date of such transfer of title. The transferor shall continue to be jointly and severally responsible with the transferee and for all obligations of the Owner of the Lot, including assessment obligations, until the date upon which such notice is received by the Board, notwithstanding the transfer of title.

14.11 Variances and Waiver of Restrictions. So long as permitted by Florida law and so long as Declarant owns any Lot or interest in property subjected to this Declaration, Declarant may waive or otherwise allow and authorize variances from the terms and restrictions hereof or the terms and restrictions of any Supplemental Declaration as might hereafter be relevant to the Property or any part thereof.

14.12 Merger and Subdivision of Lots. Upon application in writing by an Owner of adjoining Lots, the Declarant and, upon assignment of such right, the Board of Directors, may authorize the merger of adjoining Lots or the subdivision of a Lot, subject to the consent of such Mortgagees as may have an interest in the affected Lot. Such merger or subdivision shall be in conformance within the provisions of any Supplemental Declaration that may be applicable to such Lots, including provisions which may further regulate merger or subdivision and use provisions regulating use of Lots. Such plats and plans as may be necessary to show the merged or subdivided Lots shall be thereafter prepared at the expense of the requesting Owner, who shall additionally be responsible for all costs, including legal fees, associated with the merger or subdivision of such Lots. The Declarant (or Board of Directors, as the case may be) may impose conditions for use of the merged or subdivided Lot as a condition precedent to granting approval for such a merger or subdivision. From and after the time a merger or subdivision of Lots is approved, such resulting Lots shall, for all purposes, be considered Lots in accordance with their new boundaries.

14.14 Reservation From Lot Conveyance. It is expressly agreed and understood that the title conveyed by Declarant to any Lot, Common Area or other parcel of land within the Properties by contract, deed, or other conveyance shall be subject to any easement affecting same for roadways or drainage, access, ingress, egress, water, gas, sewer, storm sewer, electric light, electric power, telegraph, telephone, or cable television purposes and shall convey no interest in any pipes, lines, poles, or conduits, or in any utility facility or appurtenances thereto, constructed by or under authority of Declarant or any easement owner, or their agents through, along, or upon the premises affected thereby to serve said land or any other portion of the Properties, and where not affected, the right to maintain, repair, sell, or lease such appurtenances to any municipality or other governmental agency or to any public service corporation or to any other party is hereby expressly reserved.

14.15 Incorporation by Reference. All dedications, limitations, restrictions, and reservations shown on any recorded Subdivision Plat of the Community as recorded by the Declarant or any recorded plat of a Phase as recorded by Declarant are incorporated herein and made a part hereof as if fully set forth herein and shall be construed as being adopted in each and every contract, deed, or conveyance executed or to be executed by or on behalf of Declarant and,

thereafter, each successive Owner, conveying any of the Properties, whether specifically referred to therein or not.

14.16 Interpretation. In all cases, the provisions set forth and provided for in this Declaration shall be construed together and given that interpretation or construction which, in the opinion of the Class B member, if such membership exists, or directors of the Association if the Class B member is terminated, will best affect the intent of the general plan of the Properties. The provisions hereof shall be liberally interpreted and, if necessary, they shall be so extended or enlarged by implication as to make them fully effective. The effective date of this Declaration shall be the date of its filing for record on the records of the Clerk of the Circuit Court of the County.

14.17 Captions. The captions of each Article and section hereof as to the contents of each Article and section are inserted only for convenience and are in no way to be constructed as defining, limiting, extending or otherwise modifying or adding to the particular Article or Section to which they refer.

14.19 Gender and Grammar. The singular wherever used herein shall be construed to mean the plural when applicable, and the use of the masculine pronoun shall include the neuter and feminine.

ARTICLE 15: CONDEMNATION

Whenever all or any part of the Common Area shall be taken (or conveyed in lieu of and under threat of condemnation) by any authority having the power of condemnation or eminent domain, the award made for such taking shall be payable to the Association, as Trustee for all Owners, to be disbursed as follows:

If the taking involves a portion of the Common Area on which improvements have been constructed, then, unless within sixty (60) days after such taking the Declarant, for so long as Declarant owns a Lot for the primary purpose of sale or has the unexpired option to add the Additional Property or portion or portions thereof to the Properties, and at least seventy-five (75%) percent of the Class "A" members of the Association shall otherwise agree, the Association shall restore or replace such improvements so taken on the remaining land included in the Common Area, to the extent lands are available therefore, in accordance with plans approved by the Board of Directors of the Association. If such improvements are to be repaired or restored, the above provisions in Article 6 hereof regarding the disbursement of funds in respect to casualty damage or destruction which is to be repaired shall apply. If the taking does not involve any improvements on the Common Area, or if there is a decision made not to repair or restore, or if there are net funds remaining after any such restoration or replacement is completed, then such award of funds or remaining net funds shall be disbursed to the Association and used for such purposes as the Board of Directors of the Association shall determine.

If the taking or conveyance in lieu thereof includes all or any portion of a Lot and also includes any part of the Common Area, then a Court of competent jurisdiction shall apportion such award or proceeds and such award or proceeds shall be disbursed to the Association and the Owner so affected so as to give just compensation to the Owners of any Lot; providing, however, such apportionment may instead be resolved by the agreement of (i) the Board of Directors, (ii) the

Owners of all Lots, wholly or partially taken or sold, together with the Mortgagees for each such Lot, and (iii) Declarant, for so long as Declarant owns a Lot for the primary purpose of sale or has the unexpired portion to add the Additional Property or any portion or portions thereof to the Development.

In the event that all or any part of a Lot is taken (or conveyed in lieu of and under threat of condemnation) by any authority having the power of condemnation or eminent domain, and in further event that the Owner of such Lot responsible for the maintenance and repair of such Lot as the case may be, elects not to restore the remainder then such Owner making such election shall promptly clear away any remaining improvements damaged or destroyed by such taking or conveyance and shall leave such Lot and any remaining undamaged improvements thereon in a clean, orderly, safe, and sightly condition. In addition, if the size or configuration of such Lot remaining after such taking or conveyance is insufficient to permit the restoration of the remaining improvements thereon or therein to their condition prior to such taking or conveyance in compliance with all applicable standards, restrictions and provisions of this Declaration and all applicable zoning, subdivision, building, and other governmental regulations, then such Owner shall have the option, after clearing away all remaining improvements or portions thereof and placing the remainder in a clean, orderly, safe, and sightly condition referred to above, of deeding their remaining portion of the Lot as part of the Common Area, and thereafter any such Owner shall not have any further voting rights or membership rights or privileges in the Association or with respect to the Properties and shall not be subject to any further assessments imposed by the Association and payable after the date of such conveyance. Further, in the event that any part of a Lot is taken (or in lieu of and under threat of condemnation) by any authority having the power of condemnation or eminent domain, and if the Owner of such Lot responsibility for the maintenance and repair of such, as the case may be, elects to restore the remainder of the Lot, such Owner making such election shall restore such remainder of such Lot as nearly as practicable to the same condition it was in prior to such taking or conveyance and in accordance with all applicable standards, restrictions, and provisions of this Declaration, including Article 9 hereof, and all applicable zoning, subdivision, building and other governmental regulations. All such work or restoration shall be commenced promptly following such taking or conveyance and shall be carried through diligently to conclusion within a reasonable time.

[SIGNATURES ON FOLLOWING PAGE]

IN WITNESS WHEREOF, the undersigned Declarant has executed this Declaration this ____ day of _____, 2005.

DECLARANT:

Signed, sealed and delivered in our presence:

Susan E. McMurry
Witness
Print Name: SUSAN E. McMURRY

Dolores Dongpre
Witness
Print Name: Dolores Dongpre

LAIRD POINT, LLC, a Georgia limited liability company

By: E Hamby
Eric Hamby, its Vice President

Land Resources\Laird Point\Documents\RestrictiveCovenants8.19.04

STATE OF FLORIDA)
COUNTY OF BAY)

I, the undersigned authority, in and for said County, in said State, hereby certify that the foregoing instrument was acknowledged before me on this 23rd day of February, 2005, by Eric Henby as Vice President and on behalf of LAIRD POINT, LLC, a Georgia limited liability company, and who is known to me or who has produced identification satisfactory to me.

WITNESS my hand and official seal in said County and State, this 23rd day of February 2005.

Dolores S. Donopria
Notary Public
Printed Name:
My Commission Expires:

(Impress Seal)

This Instrument Prepared by and
after recording return to:
Brian D. Leebrick, Esq.
BARRON, REDDING, HUGHES, FITE,
FENSOM, SANBORN & KIEHN, P.A.
220 McKenzie Avenue
Panama City, Florida 32401-3129

DOLORES S. DONOPRIA
MY COMMISSION EXPIRES
November 22, 2005
#DD 280837
NOTARY PUBLIC, STATE OF FLORIDA

EXHIBIT A

THE SOUTH 200 FEET OF THE NORTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER AND THE SOUTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST; AND A PORTION OF GOVERNMENT LOTS 1 AND 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGIN AT THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA. THENCE NORTH 02 DEGREES 25 MINUTES 41 SECONDS WEST ALONG THE LINE MONUMENTED AND ACCEPTED AS THE WEST LINE OF SAID SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER FOR 861.89 FEET TO THE NORTH LINE OF THE SOUTH 200 FEET OF THE NORTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 15; THENCE NORTH 88 DEGREES 34 MINUTES 12 SECONDS EAST ALONG SAID NORTH LINE FOR 1256.84 FEET TO THE EAST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 15; THENCE SOUTH 01 DEGREE 36 MINUTES 26 SECONDS EAST ALONG SAID EAST LINE FOR 861.29 FEET TO THE EDGE OF LAIRD BAYOU; THENCE SOUTHERLY ALONG SAID BAYOU AND WESTERLY AND NORTHERLY ALONG THE EDGE OF EAST BAY TO A POINT LOCATED SOUTH 02 DEGREES 25 MINUTES 41 SECONDS EAST FOR 2735.14 FEET AND NORTH 87 DEGREES 34 MINUTES 19 SECONDS EAST FOR 1421.18 FEET FROM THE POINT OF BEGINNING; THENCE NORTH 16 DEGREES 18 MINUTES 35 SECONDS WEST FOR 440.02 FEET; THENCE NORTH 37 DEGREES 21 MINUTES 44 SECONDS WEST FOR 233.95 FEET; THENCE SOUTH 50 DEGREES 48 MINUTES 57 SECONDS WEST FOR 132.47 FEET; THENCE NORTH 83 DEGREES 40 MINUTES 59 SECONDS WEST FOR 145.96 FEET; THENCE NORTH 41 DEGREES 10 MINUTES 55 SECONDS WEST FOR 158.46 FEET; THENCE NORTH 00 DEGREES 12 MINUTES 21 SECONDS WEST FOR 127.47 FEET; THENCE NORTH 45 DEGREES 53 MINUTES 43 SECONDS WEST FOR 283.87 FEET; THENCE NORTH 12 DEGREES 46 MINUTES 27 SECONDS WEST FOR 136.13 FEET TO A NON-TANGENT CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 230.00 FEET; THENCE NORTHWESTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 217.69 FEET, THE CHORD OF SAID ARC BEARING NORTH 14 DEGREES 39 MINUTES 16 SECONDS WEST FOR 209.65 FEET; THENCE SOUTH 48 DEGREES 13 MINUTES 53 SECONDS WEST FOR 60.00 FEET; THENCE SOUTH 25 DEGREES 35 MINUTES 54 SECONDS WEST FOR 128.77 FEET; THENCE NORTH 76 DEGREES 30 MINUTES 13 SECONDS WEST FOR 86.93 FEET; THENCE SOUTH 61 DEGREES 08 MINUTES 12 SECONDS WEST FOR 258.88 FEET; THENCE NORTH 83 DEGREES 03 MINUTES 26 SECONDS WEST FOR 361.93 FEET; THENCE SOUTH 30 DEGREES 28 MINUTES 01 SECOND EAST FOR 317.83 FEET; THENCE SOUTH 38 DEGREES 25 MINUTES 25 SECONDS WEST FOR 177.79 FEET TO THE EDGE OF BOGGY BAYOU; THENCE NORTHERLY ALONG SAID BAYOU TO A POINT LOCATED SOUTH 02 DEGREES 25 MINUTES 41 SECONDS EAST FOR 587.03 FEET AND SOUTH 87 DEGREES 34 MINUTES 19 SECONDS WEST FOR 195.62 FEET FROM THE POINT OF BEGINNING; THENCE NORTH 06 DEGREES 15 MINUTES 07 SECONDS EAST FOR 79.96 FEET TO A NON-TANGENT CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 380.00 FEET; THENCE EASTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 69.79 FEET, THE CHORD OF SAID ARC BEARING SOUTH 89 DEGREES 00 MINUTES 34 SECONDS EAST FOR 69.70 FEET; THENCE NORTH 04 DEGREES 16 MINUTES 17 SECONDS WEST FOR 60.00 FEET; THENCE NORTH 13 DEGREES 45 MINUTES 26 SECONDS EAST FOR 152.11 FEET; THENCE NORTH 35 DEGREES 08 MINUTES 48 SECONDS EAST FOR 252.52 FEET; THENCE NORTH 39 DEGREES 38 MINUTES 58 SECONDS WEST FOR 133.05 FEET TO THE POINT OF BEGINNING, CONTAINING 101.707 ACRES, MORE OR LESS.

PHASE 2 DOCUMENTS

PHASE 2: SURVEY

LAIRD POINT PHASE TWO

A SUBDIVISION OF A PORTION OF GOVERNMENT LOT 2, SECTION 22,
TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

PREPARED BY
BUCHANAN & HARPER, INC.
ENGINEERING - PLANNING - SURVEYING - LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER 2372
735 WEST 11TH STREET PANAMA CITY, FLORIDA PHONE 850-763-7427 WWW.BUCHANAN-HARPER.COM
AUGUST 2018

DEDICATION

KNOW ALL MEN BY THESE PRESENTS THAT LAIRD POINT INVESTORS, LLC, A FLORIDA LIMITED LIABILITY COMPANY, AS OWNER OF THE LAND DESCRIBED AND PLATTED HEREON, HAS CAUSED SUCH LAND TO BE SURVEYED AND SUBDIVIDED AS SHOWN HEREON, AND ADOPTS THIS PLAT, LAIRD POINT PHASE TWO, AND RESERVES AND DEDICATES THE EASEMENTS SHOWN HEREON TO THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., FOR THOSE PURPOSES SHOWN ON THE PLAT. THE STREETS AND ROADS SHOWN HEREON WHICH ARE PART OF THE LANDS HEREBY PLATTED, ARE HEREBY DEDICATED BY LAIRD POINT INVESTORS, LLC, AS THE OWNER OF THE LAND HEREIN DESCRIBED AND PLATTED, TO THE USE OF THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., ITS MEMBERS, INVITEES, GUESTS, DESIGNEES AND LICENSEES FOR ACCESS PURPOSES ONLY, RESERVING UNTO THE OWNER, LAIRD POINT INVESTORS, LLC, AND ITS SUCCESSORS IN TITLE AND INTEREST, AND ITS ASSIGNS, RIGHTS OF ACCESS AND ALL RIGHTS TO GRANT EASEMENTS FOR ACCESS, UTILITIES, AND FOR ANY OTHER PURPOSE. LAIRD POINT INVESTORS, LLC, FURTHER HEREBY GRANTS TO THE CITY OF CALLAWAY A PERPETUAL AND NON-EXCLUSIVE EASEMENT OVER, UNDER, AND ACROSS THE STREETS AND ROADS SHOWN HEREON WHICH ARE PART OF THE LANDS HEREBY PLATTED FOR THE PURPOSE OF PROVIDING MUNICIPAL SERVICES TO THE LANDS HEREBY PLATTED INCLUDING, WITHOUT LIMITATION, UTILITY SERVICES, EMERGENCY SERVICES, AND SIMILAR SERVICES. THE DEDICATIONS AND EASEMENTS HEREBY GRANTED SHALL NOT BE DEEMED A DEDICATION OF THE ROADS AND STREETS TO THE PUBLIC.

LAIRD POINT INVESTORS, LLC, HAS CAUSED THESE PRESENTS TO BE EXECUTED BY NORMAN McLEAN, MANAGING MEMBER OF LAIRD POINT INVESTORS, LLC, A FLORIDA LIMITED LIABILITY COMPANY, ON THIS _____ DAY OF _____, 2018.

_____
NORMAN McLEAN, MANAGING MEMBER

_____
WITNESS

STATE OF FLORIDA, COUNTY OF WALTON

I, _____, A NOTARY PUBLIC IN THE STATE OF FLORIDA, DO HEREBY CERTIFY THAT NORMAN McLEAN, MANAGING MEMBER OF LAIRD POINT INVESTORS, LLC, A FLORIDA LIMITED LIABILITY COMPANY, PERSONALLY KNOWN TO ME TO BE THE SAME PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING AS SUCH MANAGING MEMBER, APPEARED BEFORE ME IN PERSON AND ACKNOWLEDGED THAT SHE SIGNED THIS PLAT AS HER OWN FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES HEREIN STATED. GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____, 2018.

_____
NOTARY PUBLIC
MY COMMISSION EXPIRES: _____

NOTICE: THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

GENERAL NOTES

1. THE ROAD SHOWN HEREON WHICH IS LABELED "PRIVATE ROAD" IS NOT WITHIN THE LANDS HEREBY PLATTED, AND IS OWNED, HELD AND MAINTAINED BY LAIRD POINT INVESTORS, LLC, AND MADE AVAILABLE TO THE USE OF THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., ITS MEMBERS, INVITEES, GUESTS, DESIGNEES AND LICENSEES FOR ACCESS PURPOSES ONLY. LAIRD POINT, LLC, INTENDS TO TURN OVER OWNERSHIP AND MAINTENANCE OF THE PRIVATE ROAD TO THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC. THE PRIVATE ROAD CONNECTS TO OLD BICYCLE ROAD, A PUBLIC ROADWAY.

2. THE ROADS BEING DEDICATED TO THE USE OF THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., MAY INCLUDE OTHER IMPROVEMENTS NOT INCONSISTENT THEREWITH, INCLUDING MAILBOX KIOSKS AND ASSOCIATED PARKING.

3. COVENANTS AND RESTRICTIONS WHICH ENCUMBER THE LAND HEREBY PLATTED ARE FILED IN BAY COUNTY PUBLIC RECORDS BOOK _____, PAGE _____. ALL SUBDIVIDED NUMBERED PARCELS IDENTIFIED ON THE PLAT ARE "LOTS" AS THAT TERM IS DEFINED IN THE ABOVE-DESCRIBED COVENANTS AND RESTRICTIONS.

4. ALL SUBDIVIDED LETTERED TRACTS IDENTIFIED ON THE PLAT ARE "COMMON AREA" AS THAT TERM IS DEFINED IN THE ABOVE-DESCRIBED COVENANTS AND RESTRICTIONS, EXCEPT THAT TRACTS BB AND TT SHALL BE RESERVED BY THE DEVELOPER FOR FUTURE PRIVATE DEVELOPMENT OR COMMON AREA. AREAS MARKED "ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT" ARE RESERVED TO THE DEVELOPER, LAIRD POINT INVESTORS, LLC, PRIMARILY FOR NATURAL VEGETATIVE BUFFER AND STORMWATER MANAGEMENT, BUT MAY BE UTILIZED FOR CERTAIN OTHER LIMITED PURPOSES AS ARE DESCRIBED IN THE COVENANTS AND RESTRICTIONS.

5. THE BOUNDARY COMMON TO THE TRACTS AND THE WATER BODIES IS THE MEAN HIGH WATER LINE, WHICH IS AMBULATORY. THE MEAN HIGH WATER LINE DEPICTED HEREON WAS LOCATED BETWEEN NOVEMBER 2003 AND JANUARY 2004.

6. ALL PLATTED UTILITY EASEMENTS SHALL ALSO BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES PER CHAPTER 177.091(28), FLORIDA STATUTES.

7. BASIS OF BEARINGS IS N 88°43'06" E ON THE NORTH LINE OF SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST.

8. BAY COUNTY OFFICIAL RECORDS BOOK 83, PAGE 365, DESCRIBES AN EASEMENT, DATED MAY 29, 1962, GRANTED BY E. A. (ELLIS) DAVIS TO GULF POWER COMPANY "ON THE STREETS AND PUBLIC WAYS BY THE COMPANY IF THE" PARCEL DESCRIBED IN THE DOCUMENT "IS SUBDIVIDED AND STREETS AND PUBLIC WAYS ARE PROPERLY DEDICATED ON RECORDED PLATS." THE LAND BEING PLATTED LIES WITHIN THE PARCEL DESCRIBED IN THE DOCUMENT.

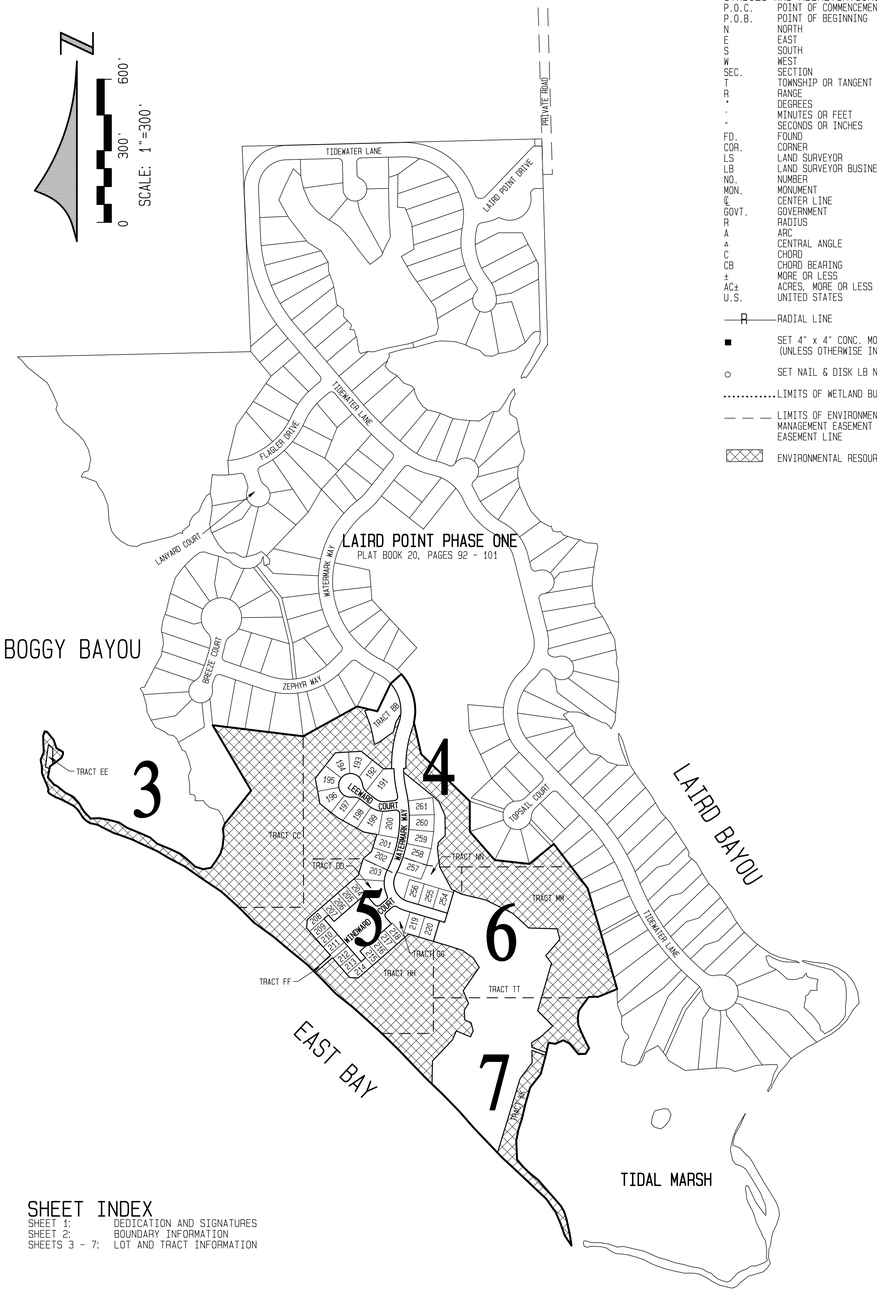
9. BAY COUNTY OFFICIAL RECORDS BOOK 2827, PAGE 1096, DESCRIBES A BLANKET EASEMENT GRANTED BY LAIRD POINT, LLC TO GULF POWER COMPANY, DATED JULY 21, 2006 THAT ENCUMBERS ALL OF THE LAND BEING PLATTED.

10. BAY COUNTY OFFICIAL RECORDS BOOK 3256, PAGE 85, DESCRIBES A CONSERVATION EASEMENT GRANTED BY LAIRD POINT INVESTORS, LLC TO THE BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, DATED MARCH 11, 2010, THAT ENCUMBERS TRACTS CC, FF, HH, KK, MM AND TT AS INDICATED.

11. BAY COUNTY OFFICIAL RECORDS BOOK 3256, PAGE 29, DESCRIBES A CONSERVATION EASEMENT GRANTED BY LAIRD POINT INVESTORS, LLC TO THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, DATED MARCH 11, 2010, THAT ENCUMBERS ALL OF TRACTS CC, HH, KK, AND MM, AS INDICATED BY THE CROSS-HATCHED AREA DESIGNATED "ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT" (ERME); AND PORTIONS OF LAIRD POINT PHASE ONE.

TRACT ACREAGES & INTENDED USE

TRACT BB	0.451 AC±	FUTURE DEVELOPMENT OR COMMON AREA
TRACT CC	10.780 AC±	COMMON AREA & CONSERVATION EASEMENT
TRACT DD	0.203 AC±	COMMON AREA
TRACT EE	0.048 AC±	COMMON AREA
TRACT FF	0.064 AC±	COMMON AREA
TRACT GG	0.166 AC±	COMMON AREA
TRACT HH	4.781 AC±	COMMON AREA & CONSERVATION EASEMENT
TRACT KK	0.920 AC±	COMMON AREA & CONSERVATION EASEMENT
TRACT MM	7.059 AC±	COMMON AREA & CONSERVATION EASEMENT
TRACT NN	0.740 AC±	COMMON AREA
TRACT TT	7.436 AC±	FUTURE DEVELOPMENT OR COMMON AREA

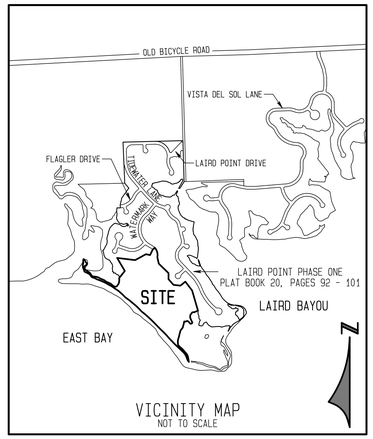


SYMBOLS AND ABBREVIATIONS

P.O.C.	POINT OF COMMENCEMENT
P.O.B.	POINT OF BEGINNING
N	NORTH
E	EAST
S	SOUTH
W	WEST
SEC.	SECTION
T	TOWNSHIP OR TANGENT LENGTH
R	RANGE
°	DEGREES
'	MINUTES OR FEET
"	SECONDS OR INCHES
FD.	FOUND
COR.	CORNER
LS	LAND SURVEYOR
LB	LAND SURVEYOR BUSINESS
NO.	NUMBER
MON.	MONUMENT
℄	CENTER LINE
GOVT.	GOVERNMENT
R	RADIUS
A	ARC
Δ	CENTRAL ANGLE
C	CHORD
CB	CHORD BEARING
±	MORE OR LESS
AC±	ACRES, MORE OR LESS
U.S.	UNITED STATES
—R—	RADIAL LINE
■	SET 4" x 4" CONC. MON. LB 2372 (UNLESS OTHERWISE INDICATED)
○	SET NAIL & DISK LB NO. 2372
.....	LIMITS OF WETLAND BUFFER
— — —	LIMITS OF ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT OR OTHER DEFINED EASEMENT LINE
⊠	ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT (ERME)

SHEET INDEX

SHEET 1: DEDICATION AND SIGNATURES
SHEET 2: BOUNDARY INFORMATION
SHEETS 3 - 7: LOT AND TRACT INFORMATION



VICINITY MAP
NOT TO SCALE

TITLE CERTIFICATION

THE UNDERSIGNED TITLE COMPANY, LICENSED IN THE STATE OF FLORIDA, CERTIFIES THAT TITLE TO THE LANDS DESCRIBED HEREON IS IN THE NAME OF THE DEDICATOR AS SHOWN HEREON AND THAT THERE ARE NO UNSATISFIED MORTGAGES.

SIGNED THIS, _____ DAY OF _____ 2018.

TITLE INSURANCE COMPANY: _____

BY: _____

WITNESS: _____

TAX COLLECTOR'S STATEMENT

I, CHUCK PERDUE, DO HEREBY CERTIFY THAT TAXES HAVE BEEN PAID THROUGH TAX YEAR _____, TO THE BEST OF MY KNOWLEDGE.

_____
CHUCK PERDUE
BAY COUNTY TAX COLLECTOR

REVIEWING SURVEYOR'S CERTIFICATE

I, HULON E. WALSINGHAM, REVIEWING SURVEYOR FOR THE CITY OF CALLAWAY, FLORIDA, HAVE REVIEWED THIS PLAT AND CERTIFY THAT IT COMPLIES WITH ALL THE REQUIREMENTS OF CHAPTER 177, PART 1, FLORIDA STATUTES.

_____ _____
HULON E. WALSINGHAM, PLS DATE
FLORIDA CERTIFICATE NUMBER 3257

CITY COMMISSIONERS' APPROVAL

WE HEREBY CERTIFY THAT THIS PLAT HAS BEEN EXAMINED AND WAS APPROVED BY THE CITY COMMISSIONERS OF CITY OF CALLAWAY, FLORIDA, THIS _____ DAY OF _____, 2018.

_____ _____
SCOTT DAVIS RON FAIRBANKS
WARD I WARD III

_____ _____
DAVID GRIGGS MIKE JONES
WARD II WARD IV

_____
PAMN HENDERSON
MAYOR

COUNTY CLERK'S CERTIFICATE

I, BILL KINSAUL, CLERK OF THE CIRCUIT COURT OF BAY COUNTY, FLORIDA, HEREBY CERTIFY THAT THIS PLAT WAS FILED FOR RECORD ON THE _____ DAY OF _____, 2018 IN PLAT BOOK ____, PAGES _____.

_____
BILL KINSAUL
CLERK OF THE CIRCUIT COURT
BAY COUNTY, FLORIDA

SURVEYOR'S CERTIFICATE

THE UNDERSIGNED HEREBY CERTIFIES THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE LANDS SURVEYED, THAT THE SURVEY WAS MADE UNDER HIS RESPONSIBLE DIRECTION AND SUPERVISION, THAT THE SURVEY DATA COMPLIES WITH ALL THE REQUIREMENTS OF CHAPTER 177, PART 1, FLORIDA STATUTES, AND THAT MONUMENTATION HAS BEEN SET ON THE BOUNDARY, RIGHTS OF WAY, CENTERLINES AND LOT CORNERS.

_____ _____
W. TODD TINDELL, PLS DATE
FLORIDA CERTIFICATE NUMBER 4958
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET, PANAMA CITY, FLORIDA
PHONE 850-763-7427 WWW.BUCHANAN-HARPER.COM
CERTIFICATE OF AUTHORIZATION NUMBER 2372

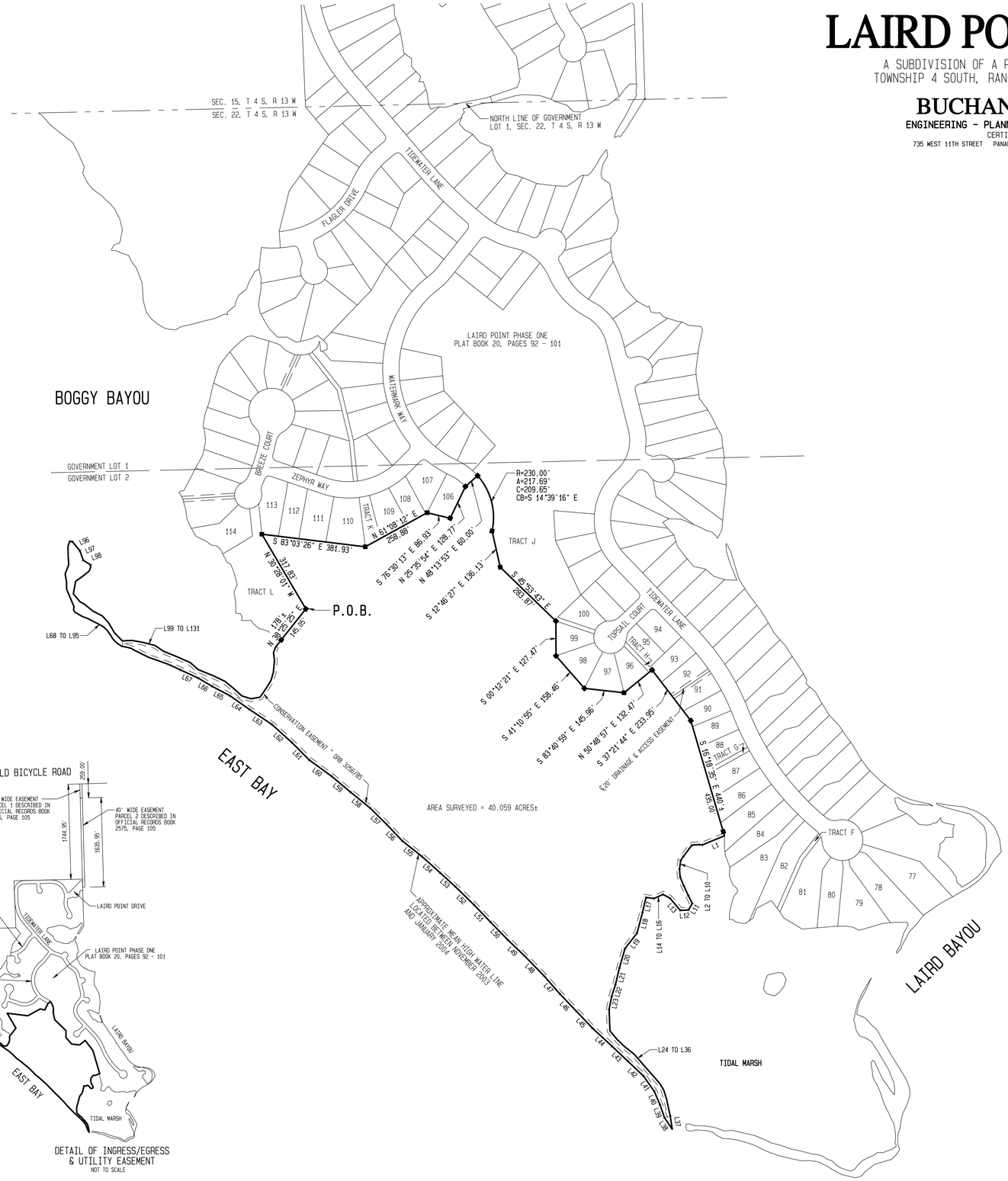
LAIRD POINT PHASE TWO

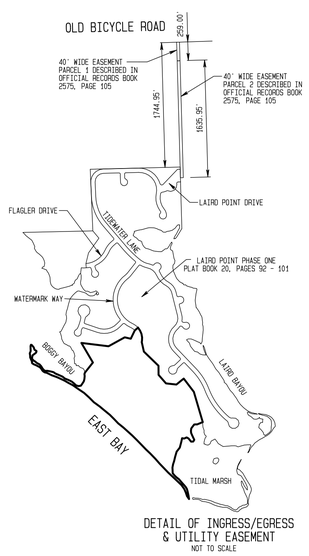
A SUBDIVISION OF A PORTION OF GOVERNMENT LOT 2, SECTION 22,
TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

PREPARED BY
BUCHANAN & HARPER, INC.
ENGINEERING - PLANNING - SURVEYING - LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER 2372
735 WEST 11TH STREET PANAMA CITY, FLORIDA PHONE 850-763-7427 WWW.BUCHANAN-HARPER.COM
AUGUST 2018

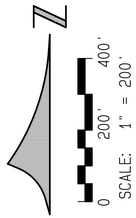
LINE TABLE

LINE	BEARING	DISTANCE
1	S 67°30'58" W	87.25'
2	N 84°40'49" W	11.25'
3	S 86°43'10" W	27.58'
4	S 36°47'37" W	51.97'
5	S 34°20'19" W	18.39'
6	S 07°23'17" W	32.06'
7	S 04°45'43" E	28.55'
8	S 22°29'42" E	34.65'
9	S 24°46'40" E	39.81'
10	S 26°58'32" E	32.68'
11	S 31°33'15" W	27.78'
12	S 87°07'27" W	29.87'
13	N 39°56'38" W	57.83'
14	N 61°09'06" W	29.73'
15	S 65°24'00" W	36.79'
16	N 81°40'42" W	29.41'
17	S 12°43'36" W	56.85'
18	S 14°56'35" W	78.35'
19	S 38°01'26" W	71.67'
20	S 15°58'23" W	74.54'
21	S 13°24'44" W	62.09'
22	S 17°55'10" W	45.13'
23	S 11°07'11" W	48.75'
24	S 02°15'56" E	31.93'
25	S 02°23'04" E	47.20'
26	S 39°48'32" E	40.71'
27	S 46°11'17" E	37.14'
28	S 51°42'43" E	44.65'
29	S 41°01'24" E	41.13'
30	S 41°13'27" E	36.53'
31	S 41°33'32" E	34.85'
32	S 40°21'56" E	32.78'
33	S 30°50'55" E	27.11'
34	S 17°18'59" E	34.23'
35	S 12°14'40" E	31.53'
36	S 11°58'52" E	31.70'
37	S 08°55'10" E	49.26'
38	N 34°02'47" W	50.21'
39	N 19°19'02" W	51.85'
40	N 23°03'25" W	52.34'
41	N 35°04'19" W	68.65'
42	N 46°29'34" W	79.12'
43	N 46°37'28" W	80.41'
44	N 47°14'55" W	96.62'
45	N 43°35'20" W	85.29'
46	N 43°33'42" W	88.21'
47	N 41°21'57" W	90.34'
48	N 44°15'38" W	102.59'
49	N 46°19'33" W	83.13'
50	N 44°12'40" W	90.51'
51	N 43°42'36" W	87.06'
52	N 45°44'31" W	96.15'
53	N 47°39'03" W	75.19'
54	N 48°03'23" W	91.00'
55	N 51°38'39" W	90.67'
56	N 43°26'58" W	82.99'
57	N 45°18'38" W	86.28'
58	N 50°55'39" W	92.16'
59	N 49°54'40" W	89.85'
60	N 53°59'58" W	102.00'
61	N 44°48'06" W	90.19'
62	N 48°01'14" W	100.05'
63	N 56°14'28" W	97.22'
64	N 54°57'26" W	89.13'
65	N 62°10'52" W	73.73'
66	N 59°05'58" W	57.80'
67	N 65°23'56" W	72.40'
68	N 64°53'08" W	44.84'
69	N 69°57'51" W	55.38'
70	N 71°49'02" W	22.98'
71	N 63°37'58" W	60.74'
72	N 59°30'28" W	13.15'
73	N 74°58'32" W	16.68'
74	N 79°03'31" W	19.11'
75	N 57°01'24" W	20.13'
76	N 46°12'56" W	19.92'
77	N 30°16'01" W	16.02'
78	N 35°31'11" W	25.47'
79	N 48°14'56" W	20.76'
80	N 62°25'49" W	27.41'
81	N 62°39'57" W	32.71'
82	N 68°43'12" W	22.19'
83	N 60°31'26" W	31.11'
84	N 32°57'39" W	10.52'
85	N 06°16'19" E	12.52'
86	N 22°54'18" W	33.99'
87	N 22°48'57" W	34.90'
88	N 01°20'44" W	28.58'
89	N 09°56'22" W	28.54'
90	N 22°00'11" E	34.26'
91	N 00°48'26" W	10.67'
92	N 03°59'25" W	19.21'
93	N 01°08'23" W	38.95'
94	N 18°09'09" E	19.88'
95	S 80°00'31" E	10.09'
96	S 39°21'56" E	43.92'
97	S 18°51'05" E	36.47'
98	S 59°13'12" E	31.55'
99	S 00°09'41" W	9.66'
100	S 20°58'59" W	14.52'
101	S 51°06'41" W	22.88'
102	S 52°49'02" W	9.03'
103	S 54°05'41" W	30.22'
104	S 10°39'31" W	46.67'
105	S 40°06'54" E	38.07'
106	S 61°59'04" E	17.13'
107	S 50°57'38" E	41.50'
108	S 62°42'17" E	38.58'
109	S 42°24'05" E	34.05'
110	S 30°43'03" E	42.88'
111	S 43°55'27" E	41.14'
112	N 87°11'40" E	35.22'
113	S 80°15'35" E	39.10'
114	S 75°26'34" E	48.50'
115	S 55°24'24" E	36.67'
116	S 68°10'54" E	24.77'
117	S 67°24'28" E	39.66'
118	S 65°47'10" E	43.01'
119	S 48°36'56" E	38.17'
120	S 67°48'10" E	57.90'
121	S 64°32'03" E	49.69'
122	S 50°19'36" E	42.81'
123	S 47°41'49" E	38.02'
124	S 72°12'48" E	35.17'
125	N 80°11'58" E	33.67'
126	N 35°13'34" E	34.55'
127	N 32°04'56" E	38.22'
128	N 16°20'46" E	31.61'
129	N 05°31'13" E	42.82'
130	N 06°41'10" W	30.18'
131	N 20°53'15" E	22.38'





DETAIL OF INGRESS/EGRESS & UTILITY EASEMENT
NOT TO SCALE



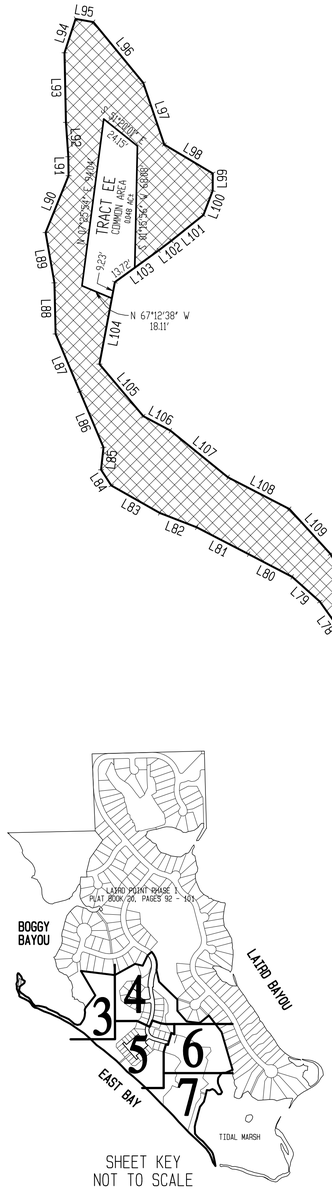
DESCRIPTION

BEGIN AT THE MOST EASTERLY CORNER OF TRACT L, LAIRD POINT PHASE ONE, ACCORDING TO THE PLAT RECORDED IN PLAT BOOK 20, PAGES 92 THROUGH 101, IN THE PUBLIC RECORDS OF BAY COUNTY, FLORIDA. THENCE ALONG THE BOUNDARY OF SAID LAIRD POINT PHASE ONE AS FOLLOWS: NORTH 30 DEGREES 28 MINUTES 01 SECOND WEST FOR 317.83 FEET; SOUTH 83 DEGREES 03 MINUTES 26 SECONDS EAST FOR 381.93 FEET; NORTH 61 DEGREES 08 MINUTES 12 SECONDS EAST FOR 258.88 FEET; SOUTH 76 DEGREES 30 MINUTES 13 SECONDS EAST FOR 86.93 FEET; NORTH 25 DEGREES 35 MINUTES 54 SECONDS EAST FOR 128.77 FEET; NORTH 48 DEGREES 13 MINUTES 53 SECONDS EAST FOR 60.00 FEET TO A NON-TANGENT CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 230.00 FEET; SOUTHEASTERLY ALONG SAID CURVE FOR AN ARC DISTANCE OF 217.69 FEET, THE CHORD OF SAID ARC BEARING SOUTH 14 DEGREES 39 MINUTES 16 SECONDS EAST FOR 209.65 FEET; SOUTH 12 DEGREES 46 MINUTES 27 SECONDS EAST FOR 136.13 FEET; SOUTH 45 DEGREES 53 MINUTES 43 SECONDS EAST FOR 283.87 FEET; SOUTH 00 DEGREES 12 MINUTES 21 SECONDS EAST FOR 127.47 FEET; SOUTH 41 DEGREES 10 MINUTES 55 SECONDS EAST FOR 158.46 FEET; SOUTH 83 DEGREES 40 MINUTES 59 SECONDS EAST FOR 145.96 FEET; NORTH 50 DEGREES 48 MINUTES 57 SECONDS EAST FOR 132.47 FEET; SOUTH 37 DEGREES 21 MINUTES 44 SECONDS EAST FOR 233.95 FEET; SOUTH 16 DEGREES 18 MINUTES 35 SECONDS EAST FOR 440 FEET, MORE OR LESS, TO THE MEAN HIGH WATER LINE OF A TIDAL MARSH OF EAST BAY; THENCE LEAVING SAID BOUNDARY OF LAIRD POINT PHASE ONE, MEANDER CLOCKWISE ALONG THE MEAN HIGH WATER LINE OF SAID TIDAL MARSH, ALONG THE MEAN HIGH WATER LINE OF EAST BAY AND ALONG THE MEAN HIGH WATER LINE OF BOGGY BAYOU FOR 6018 FEET, MORE OR LESS, TO THE SOUTHEASTERLY LINE OF SAID TRACT L; THENCE NORTH 38 DEGREES 25 MINUTES 25 SECONDS EAST ALONG SAID SOUTHEASTERLY LINE FOR 178 FEET, MORE OR LESS, TO THE POINT OF BEGINNING, LYING AND BEING SITUATE IN GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA AND CONTAINING 40.059 ACRES, MORE OR LESS.

PLAT BOOK _____ PAGE _____

MEAN HIGH WATER LINE TABLE

LINE	BEARING	DISTANCE	LINE	BEARING	DISTANCE
62	N 48°01'14" W	100.05'	97	S 18°51'05" E	36.47'
63	N 56°14'28" W	97.22'	98	S 59°13'12" E	31.55'
64	N 54°57'26" W	89.13'	99	S 00°09'41" W	9.66'
65	N 62°10'52" W	73.73'	100	S 20°58'59" W	14.52'
66	N 59°05'58" W	57.80'	101	S 51°06'41" W	22.88'
67	N 65°23'56" W	72.40'	102	S 52°49'02" W	9.03'
68	N 64°53'08" W	44.84'	103	S 54°05'41" W	30.22'
69	N 69°57'51" W	55.38'	104	S 10°39'31" W	46.67'
70	N 71°49'02" W	22.98'	105	S 40°06'54" E	38.07'
71	N 63°37'58" W	60.74'	106	S 61°59'04" E	17.13'
72	N 59°30'28" W	13.15'	107	S 50°57'38" E	41.50'
73	N 74°58'32" W	16.68'	108	S 62°42'17" E	38.58'
74	N 79°03'31" W	19.11'	109	S 42°24'05" E	34.05'
75	N 57°01'24" W	20.13'	110	S 30°43'03" E	42.88'
76	N 46°12'56" W	19.92'	111	S 43°55'27" E	41.14'
77	N 30°16'01" W	16.02'	112	N 87°11'40" E	35.22'
78	N 35°31'11" W	25.47'	113	S 80°16'35" E	39.10'
79	N 48°14'56" W	20.76'	114	S 75°26'34" E	48.50'
80	N 62°25'49" W	27.41'	115	S 55°24'24" E	36.67'
81	N 62°39'57" W	32.71'	116	S 68°10'54" E	24.77'
82	N 68°43'12" W	22.18'	117	S 67°24'28" E	39.66'
83	N 60°31'26" W	31.11'	118	S 65°47'10" E	43.01'
84	N 32°57'39" W	10.52'	119	S 48°36'56" E	38.17'
85	N 06°16'19" E	12.52'	120	S 67°48'10" E	57.90'
86	N 22°54'18" W	33.99'	121	S 64°32'03" E	49.69'
87	N 22°48'57" W	34.90'	122	S 50°19'36" E	42.81'
88	N 01°20'44" W	28.58'	123	S 47°41'49" E	38.02'
89	N 09°56'22" W	28.54'	124	S 72°12'48" E	35.17'
90	N 22°00'11" E	34.26'	125	N 80°11'58" E	33.67'
91	N 00°48'26" W	10.67'	126	N 35°13'34" E	34.55'
92	N 03°59'25" W	19.21'	127	N 32°04'56" E	38.22'
93	N 01°08'23" W	38.95'	128	N 16°20'46" E	31.61'
94	N 18°09'09" E	19.88'	129	N 05°31'13" E	42.82'
95	S 80°00'31" E	10.09'	130	N 06°41'10" W	30.18'
96	S 39°21'56" E	43.92'	131	N 20°53'15" E	22.38'



SHEET KEY
NOT TO SCALE

BOGGY BAYOU

EAST BAY

LOT 114

LOT 113

LOT 112

LOT 111

LOT 110

TRACT K

TRACT L

LAIRD POINT PHASE ONE
PLAT BOOK 20, PAGES 92 - 101

TRACT EE
COMMON AREA
SEE ASSIGNMENT SHEET 4 OF 7

TRACT CC
COMMON AREA & CONSERVATION EASEMENT
SEE ASSIGNMENT SHEET 4 OF 7

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

S 83°03'26" E 381.93'

N 30°28'01" W 317.83'

N 38°25'25" E 178.+

P.O.B.

APPROXIMATE MEAN HIGH WATER LINE LOCATED BETWEEN NOVEMBER 2003 AND JANUARY 2004

40' CONSERVATION EASEMENT THIS SHEET

40' CONSERVATION EASEMENT THIS SHEET

MATCH LINE
SEE SHEET 4

MATCH LINE
SEE SHEET 5

MATCH LINE
SEE SHEET 5

N

0 40' 80'

SCALE: 1" = 40'

LAIRD POINT PHASE TWO

A SUBDIVISION OF A PORTION OF GOVERNMENT LOT 2, SECTION 22,
TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

PREPARED BY
BUCHANAN & HARPER, INC.
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PLAT BOOK _____ PAGE _____

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AUGUST 2018

N

0 40' 80'

SCALE: 1" = 40'

CENTERLINE CURVE DATA

CURVE	RADIUS	ARC	CHORD	CHORD BEARING	CENTRAL ANGLE	TANGENT
1	500.00'	52.79'	52.77'	S 09°38'51" E	06°02'58"	------
2	75.00'	58.68'	57.19'	N 74°12'34" W	44°49'37"	30.93'

RIGHT OF WAY CURVE DATA

CURVE	RADIUS	ARC	CHORD	CHORD BEARING	CENTRAL ANGLE
1	520.00'	103.02'	102.85'	S 06°59'48" E	11°21'05"
2	480.00'	14.52'	14.51'	S 11°48'21" E	01°43'57"
3	15.00'	24.69'	22.00'	S 36°13'08" W	94°19'00"
4	55.00'	43.03'	41.94'	N 74°12'34" W	44°49'37"
5	50.00'	39.77'	38.73'	N 29°00'34" W	45°34'23"
6	50.00'	39.77'	38.73'	S 74°34'57" E	45°34'23"
7	95.00'	74.33'	72.44'	S 74°12'34" E	44°49'37"
8	15.00'	24.69'	22.00'	S 49°27'52" E	94°19'00"
16	480.00'	95.10'	94.94'	N 06°59'48" W	11°21'05"

RIGHT OF WAY LINE TABLE

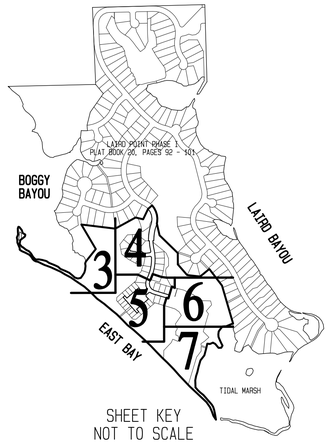
LINE	BEARING	DISTANCE
1	N 88°40'45" E	10.00'
2	N 88°40'45" E	10.00'

WETLAND BUFFER CURVE DATA

CURVE	RADIUS	ARC	CHORD	CHORD BEARING	CENTRAL ANGLE
1	20.00'	5.50'	5.48'	N 45°45'30" W	15°44'39"
2	20.00'	14.56'	14.24'	N 88°18'44" E	41°41'49"
3	20.00'	5.00'	4.98'	N 74°37'09" E	14°18'39"
4	20.00'	9.56'	9.47'	S 84°31'56" E	27°23'10"
5	20.00'	10.28'	10.17'	S 56°06'56" E	29°26'51"
7	480.00'	11.19'	11.19'	N 12°00'17" W	01°20'07"

WETLAND BUFFER LINE TABLE

LINE	BEARING	DISTANCE
1	N 82°44'49" W	20.32'
2	N 54°38'49" W	36.17'
3	S 18°02'31" E	42.78'
4	S 07°11'44" E	25.82'
5	S 50°34'31" E	52.62'
6	S 70°50'21" E	43.14'
7	S 41°23'30" E	6.37'
8	S 11°44'08" W	20.63'
9	S 15°55'13" W	14.44'
10	S 22°22'09" W	24.72'
28	N 68°33'51" W	28.34'
29	N 45°24'45" W	29.22'
30	N 66°44'58" W	18.75'
31	N 40°50'13" W	53.10'



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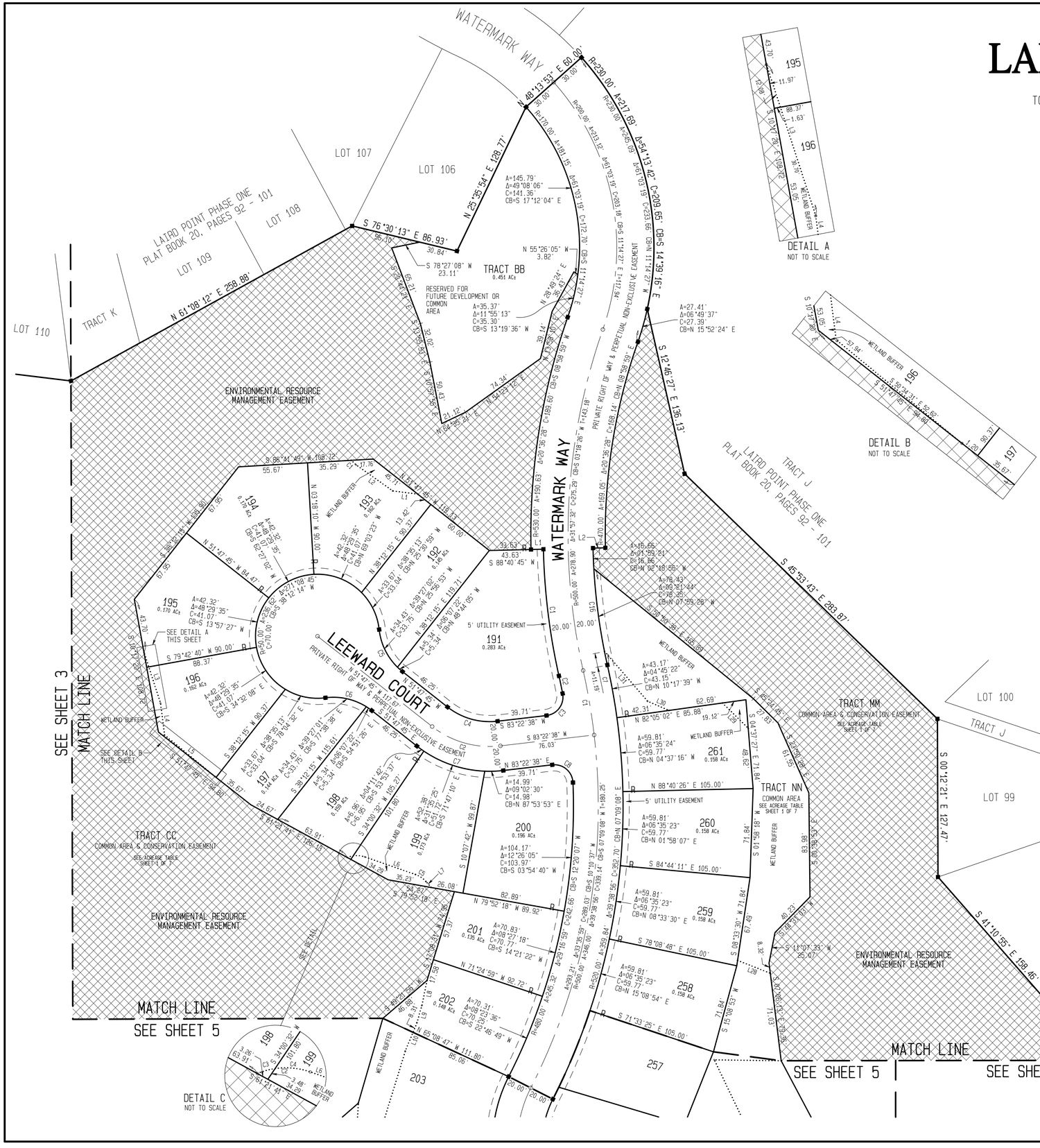
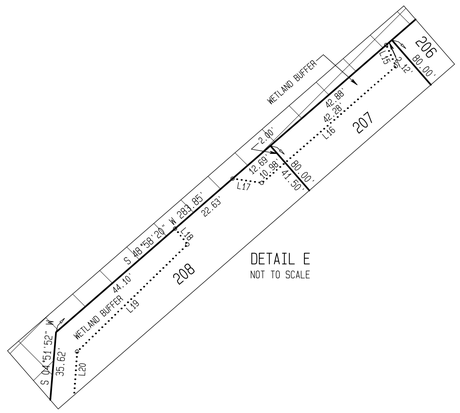
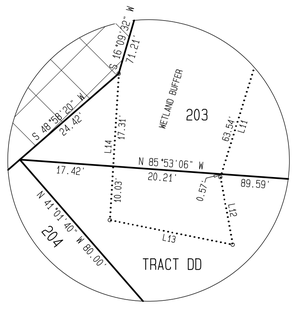
NOT TO SCALE



PLAT BOOK _____ PAGE _____



DETAIL E
NOT TO SCALE



DETAIL D
NOT TO SCALE

MEAN HIGH WATER LINE

LINE	BEARING	DISTANCE
53	N 47°39'03" W	75.19'
54	N 48°03'23" W	91.00'
55	N 51°38'39" W	90.67'
56	N 43°26'58" W	82.99'
57	N 45°18'38" W	86.28'
58	N 50°55'39" W	92.16'
59	N 49°54'40" W	89.85'
60	N 53°59'58" W	102.00'
61	N 44°48'06" W	90.19'

CENTERLINE CURVE DATA

CURVE	RADIUS	ARC	CHORD	CHORD BEARING	CENTRAL ANGLE	TANGENT
3	100.00'	118.69'	111.85'	S 07°01'32" E	68°00'17"	------
4	100.00'	56.52'	55.77'	S 57°13'13" E	32°23'05"	------

RIGHT OF WAY CURVE DATA

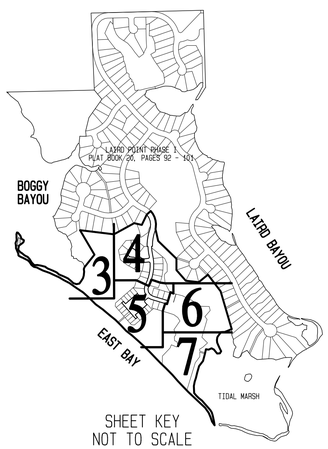
CURVE	RADIUS	ARC	CHORD	CHORD BEARING	CENTRAL ANGLE
9	120.00'	110.96'	107.05'	S 00°29'15" W	52°58'43"
10	15.00'	19.63'	18.26'	S 11°29'06" W	74°58'26"
11	15.00'	23.56'	21.21'	N 86°01'40" W	90°00'00"
12	15.00'	23.56'	21.21'	N 03°58'20" E	90°00'00"
13	15.00'	19.63'	18.26'	N 86°27'33" E	74°58'26"
14	120.00'	36.36'	36.22'	S 64°44'00" E	17°21'31"
15	80.00'	140.17'	122.92'	N 23°13'04" W	100°23'22"

WETLAND BUFFER CURVE DATA

CURVE	RADIUS	ARC	CHORD	CHORD BEARING	CENTRAL ANGLE
6	20.00'	12.32'	12.13'	N 47°34'11" W	35°18'23"

WETLAND BUFFER LINE TABLE

LINE	BEARING	DISTANCE
10	S 22°22'09" W	24.72'
11	S 17°08'31" W	64.11'
12	S 10°21'09" E	12.81'
13	N 78°40'56" W	23.35'
14	N 03°28'53" E	27.35'
15	S 24°19'03" E	2.09'
16	S 49°58'20" W	53.26'
17	N 81°40'15" W	2.64'
18	S 37°53'16" E	1.75'
19	S 45°50'15" W	40.91'
20	S 03°58'20" W	40.64'
21	N 80°04'06" E	16.11'
22	N 85°41'28" E	14.96'
23	N 65°13'22" W	13.69'
24	N 29°54'59" W	20.87'
25	N 70°18'06" W	44.69'
26	N 25°30'42" W	80.32'
27	S 89°14'40" E	54.02'



SHEET KEY
NOT TO SCALE

N

0 40' 80'

SCALE: 1" = 40'

LAIRD POINT PHASE TWO

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PLAT BOOK _____ PAGE _____

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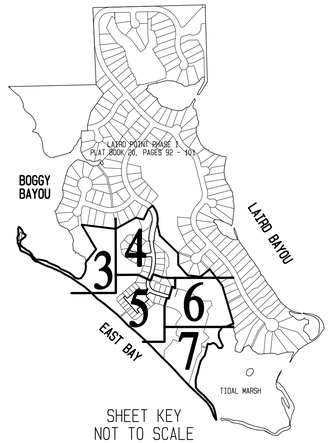
AUGUST 2018

N

SCALE: 1" = 40'
0 40' 80'



SHEET KEY
NOT TO SCALE

SEE SHEET 4
MATCH LINE

SEE SHEET 5
MATCH LINE

MATCH LINE
SEE SHEET 7

20' DRAINAGE & ACCESS EASEMENT

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

TRACT MM
COMMON AREA & CONSERVATION EASEMENT
SEE ACREAGE TABLE
SHEET 1 OF 7

TRACT TT
RESERVED FOR FUTURE DEVELOPMENT OR COMMON AREA
SEE ACREAGE TABLE
SHEET 1 OF 7

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

TRACT HH
COMMON AREA & CONSERVATION EASEMENT
SEE ACREAGE TABLE
SHEET 1 OF 7

10' CONSERVATION EASEMENT

ORB 3356785

APPROXIMATE MEAN HIGH WATER LINE
LOCATED BETWEEN NOVEMBER 2003
AND JANUARY 2004

TIDAL MARSH

LOT 91
LOT 90
LOT 89
LOT 88
LAIRD POINT PHASE ONE
PLAT BOOK 20, PAGES 92 - 101
TRACT G
LOT 87
LOT 86
LOT 85
LOT 84
LOT 83
TIDEWATER LANE

S 37°21'44" E 233.95'
S 65°13'22" E 36.33'
S 76°28'16" E 103.42'
S 63°35'48" E 105.37'
S 47°09'49" E 91.22'
S 88°24'41" E 119.13'
S 43°56'04" E 45.77'
S 16°18'35" E 440.±
N 40°51'27" W 85.85'
N 28°45'38" E 35.88'
N 37°17'14" W 207.17'
S 36°41'14" W 45.00'
N 16°25'15" E 138.49'
S 73°24'45" E 20.28'
N 16°25'15" E 90.00'
S 73°24'45" E 142.46'
S 72°01'43" E 65.67'
S 54°31'28" E 54.65'
S 30°24'07" E 46.56'
S 34°22'32" W 155.36'
S 42°23'27" E 58.27'
L1 L2 L3 L4 L5 L6

MEAN HIGH WATER LINE TABLE

LINE	BEARING	DISTANCE
1	S 67°30'58" W	87.25'
2	N 84°40'49" W	11.45'
3	S 86°43'10" W	27.58'
4	S 36°47'37" W	51.97'
5	S 34°20'19" W	18.39'
6	S 07°23'17" W	32.06'

PLAT BOOK _____ PAGE _____

SEE SHEET 5 - MATCH LINE

SEE SHEET 6 MATCH LINE

SEE SHEET 5 MATCH LINE

TRACT HH
COMMON AREA & CONSERVATION EASEMENT
SEE ACREAGE TABLE SHEET 1 OF 7

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

TRACT MM
COMMON AREA & CONSERVATION EASEMENT
SEE ACREAGE TABLE SHEET 1 OF 7

ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT

TRACT TT
RESERVED FOR FUTURE DEVELOPMENT OR COMMON AREA
SEE ACREAGE TABLE SHEET 1 OF 7

TRACT KK
COMMON AREA & CONSERVATION EASEMENT
SEE ACREAGE TABLE SHEET 1 OF 7

TRACT KK
COMMON AREA & CONSERVATION EASEMENT
SEE ACREAGE TABLE SHEET 1 OF 7

LOT 85

LOT 84

LOT 83
LAIRD POINT PHASE ONE
PLAT BOOK 20, PAGES 92 - 101

LOT 82

TRACT F

APPROXIMATE MEAN HIGH WATER LINE LOCATED BETWEEN NOVEMBER 2003 AND JANUARY 2004

TIDAL MARSH

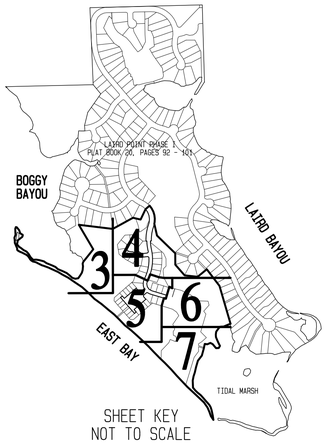
EAST BAY

10' CONSERVATION EASEMENT ORB 3256 PG

N

SCALE: 1" = 40'

0 40' 80'



SHEET KEY
NOT TO SCALE

LAIRD POINT PHASE TWO

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AUGUST 2018

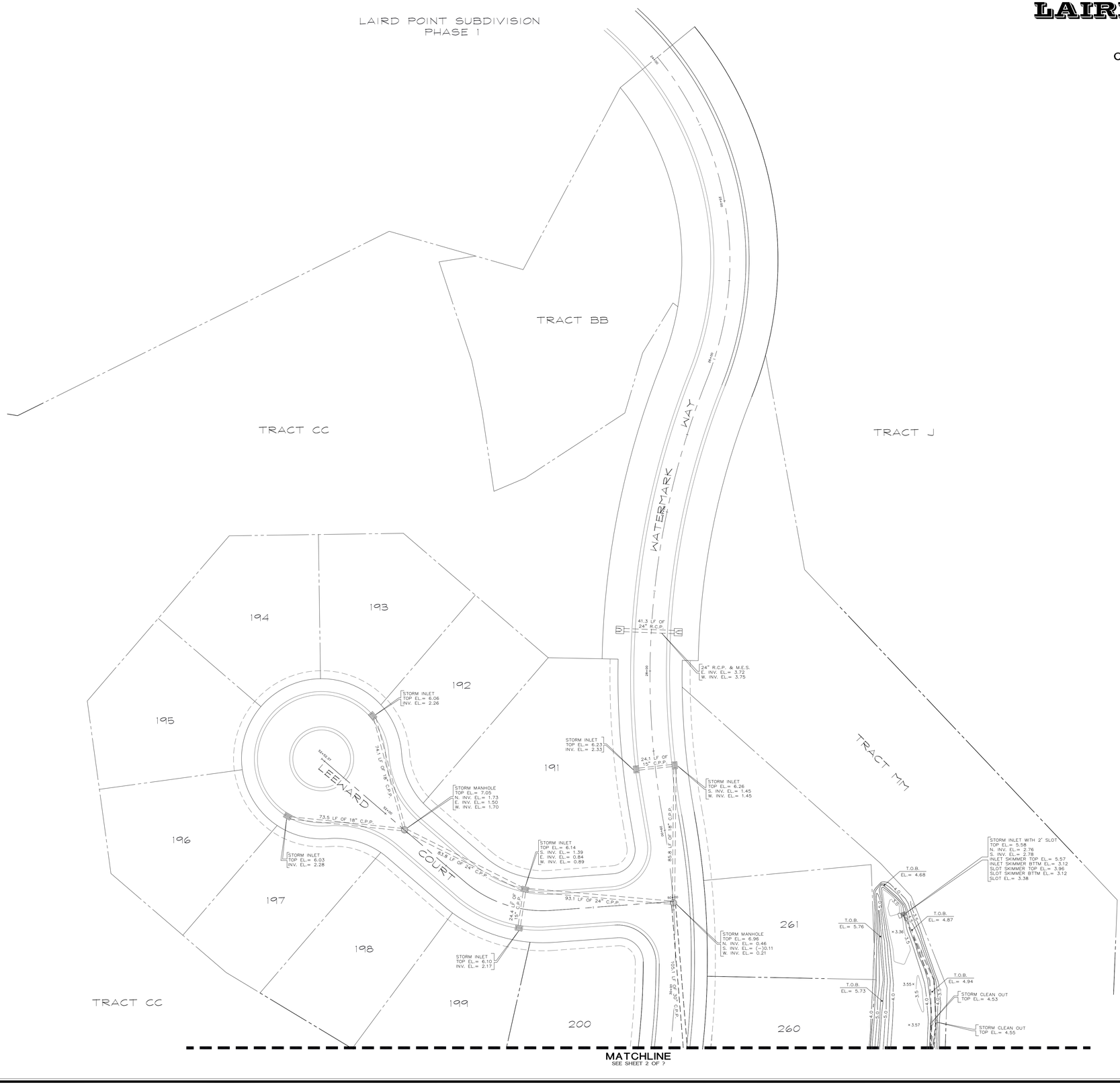
MEAN HIGH WATER LINE TABLE

LINE	BEARING	DISTANCE
4	S 36°47'37" W	51.97'
5	S 34°20'19" W	18.39'
6	S 07°23'17" W	32.06'
7	S 04°45'43" E	28.55'
8	S 22°29'42" E	34.65'
9	S 24°46'40" E	39.81'
10	S 26°58'32" E	32.68'
11	S 31°33'15" W	27.78'
12	S 87°07'27" W	29.87'
13	N 39°56'38" W	57.83'
14	N 61°09'06" W	29.73'
15	S 65°24'00" W	36.79'
16	N 81°40'42" W	29.41'
17	S 12°43'36" W	56.85'
18	S 14°56'35" W	78.35'
19	S 38°01'26" W	71.67'
20	S 15°58'23" W	74.54'
21	S 13°24'44" W	62.09'
22	S 17°55'10" W	45.13'
23	S 11°07'11" W	48.75'
24	S 02°15'56" E	31.93'
25	S 02°23'04" E	47.20'
26	S 39°48'32" E	40.71'
27	S 46°11'17" E	37.14'
28	S 51°42'43" E	44.65'
29	S 41°01'24" E	41.13'
30	S 41°13'27" E	36.53'
31	S 41°33'32" E	34.85'
32	S 40°21'56" E	32.78'
33	S 30°50'55" E	27.11'
34	S 17°18'59" E	34.23'
35	S 12°14'40" E	31.53'
36	S 11°58'52" E	31.70'
37	S 08°55'10" E	49.26'
38	N 34°02'47" W	50.21'
39	N 19°19'02" W	51.85'
40	N 23°03'25" W	52.34'
41	N 35°04'19" W	68.65'
42	N 46°29'34" W	79.12'
43	N 46°37'28" W	80.41'
44	N 47°14'55" W	96.62'
45	N 43°35'20" W	85.29'
46	N 43°33'42" W	88.21'
47	N 41°21'57" W	90.34'
48	N 44°15'38" W	102.59'
49	N 46°19'33" W	83.13'
50	N 44°12'40" W	90.51'
51	N 43°42'36" W	87.06'
52	N 45°44'31" W	96.15'

PHASE 2: SURVEY 2

LAIRD POINT SUBDIVISION
PHASE 2

CITY OF CALLAWAY - BAY COUNTY - FLORIDA



MATCHLINE
SEE SHEET 2 OF 7

SYMBOLS & ABBREVIATIONS

±	MORE OR LESS	FD.	FOUND
°	DEGREES	COR.	CORNER
'	MINUTES OR FEET	No.	NUMBER
"	SECONDS OR INCHES	MON.	MONUMENT
P.O.C.	POINT OF COMMENCEMENT	F.B.	FIELD BOOK
P.O.B.	POINT OF BEGINNING	EFB	ELECTRONIC FIELD BOOK
P.C.	POINT OF CURVATURE	O.R.B.	OFFICIAL RECORDS BOOK
P.T.	POINT OF TANGENCY	PG.	PAGE
P.R.C.	POINT OF REVERSE CURVATURE	BLDG.	BUILDING
P.C.C.	POINT OF COMPOUND CURVATURE	F.F.	FINISHED FLOOR
SEC.	SECTION	CONC.	CONCRETE
T	TOWNSHIP	OH	OVERHEAD UTILITIES
R	RANGE OR RADIUS	C.R.	COUNTY ROAD
P.L.S.	PROFESSIONAL LAND SURVEYOR	S.R.	STATE ROAD
LB	LICENSED BUSINESS	R.O.W.	RIGHT OF WAY
LS	LICENSED SURVEYOR	C.P.P.	CORRUGATED PLASTIC PIPE
N.	NORTH	P.V.C.	POLYVINYL CHLORIDE
E.	EAST	R.C.P.	REINFORCED CONCRETE PIPE
S.	SOUTH	E.R.C.P.	ELLIPTICAL REINFORCED CONCRETE PIPE
W.	WEST	+24.54	SPOT ELEVATION
STA.	STATION	~	PIPE CONTINUES OUTSIDE THE SURVEY'S SCOPE
R	RIGHT OR RADIUS		SANITARY SEWER LATERAL
L	LEFT OR ARC LENGTH		POTABLE WATER SERVICE
Δ	DELTA/CENTRAL ANGLE		REUSE WATER SERVICE
CH	CHORD		FIRE HYDRANT
ORF.	ORIFICE		BACKFLOW PREVENTER
THRT.	THROAT		CLEAN OUT
BTTM.	BOTTOM		
INV.	INVERT		
EL.	ELEVATION		
WL	WATER LINE		
RL	REUSE LINE		
FM	FORCEMAIN		
LF	LINEAR FEET		
℄	CENTERLINE		

SURVEYOR'S NOTES

1) ALL BOUNDARY LINES, LOT LINES, RIGHT-OF-WAY LINES, CENTERLINES, WETLAND LINES, WETLAND BUFFER LINES, EASEMENT LINES, SETBACK LINES, CURBING, EDGE OF PAVEMENT, EDGE OF WATER, LOT NUMBERS, ROAD NAMES OR ANY OTHER LINEWORK/TEXT NOT PERTAINING TO THE SANITARY SEWER, POTABLE WATER, REUSE WATER OR STORMWATER AS-BUILTS SHOWN HEREON AS GREYSCALED WERE PROVIDED BY THE CONTRACTOR AND ARE FOR INFORMATION PURPOSES ONLY, AND WERE NOT FIELD LOCATED/VERIFIED UNLESS OTHERWISE NOTED.

2) SLOPE PERCENTAGES FOR SANITARY SEWER AND LENGTH OF PIPE FOR SANITARY SEWER AND STORMWATER AS SHOWN HEREON ARE COMPUTED RESULTS BASED ON FIELD MEASUREMENTS AS TAKEN FOR THE INVERTS AT THE CENTER/TOP OF STRUCTURE. NO ATTEMPT WAS MADE TO FIELD VERIFY THE ACTUAL SLOPES BY ANY OTHER METHOD.

3) PIPE SIZES AND TYPES AS SHOWN HEREON, ARE SHOWN ACCORDING TO INFORMATION/DATA AS PROVIDED BY THE UTILITY CONTRACTOR AND WERE NOT FIELD EXCAVATED/UNCOVERED FOR VERIFICATION.

4) UNDERGROUND LOCATIONS OF SANITARY SEWER LATERALS/STUB-OUTS, WATER VALVES, WATER LINES AND WATER SERVICES ARE SHOWN AS SURFACE MARKED/INDICATED BY THE UTILITY CONTRACTOR AND WERE NOT FIELD EXCAVATED/UNCOVERED FOR VERIFICATION.

5) PLANNED INFORMATION IS SHOWN IN PARENTHESIS.

6) THE SURVEY MAP AND REPORT NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

CERTIFICATE

I HEREBY CERTIFY THE SURVEY HEREON TO BE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS OF THE DATE SURVEYED.

SKIPPER C. RUTHERFORD, P.L.S.
PROFESSIONAL SURVEYOR & MAPPER
FLORIDA LICENSE No. LS 3961

SHEET 1 OF 4 SHEETS

EACH INDIVIDUAL SHEET IS NOT FULL AND COMPLETE WITHOUT THE OTHERS.

TYPE OF SURVEY UTILITY AS-BUILT — SCALE 1" = 30'
SURVEYED 9-07-2016 — REVISED
IMPROVEMENTS VISIBLE AS SHOWN — SECTION 22 — TOWNSHIP 4 SOUTH — RANGE 14 WEST
SOURCE OF INFORMATION ENGINEERING PLANS PROVIDED BY CLIENT
BEARING REFERENCE N/A — F.B. — EFB
ELEVATION REFERENCE SITE BENCHMARK AS PER ENGINEERING PLANS (NGVD-29) — PAGE(S) —

SCR & ASSOCIATES NWFL, INC.
4116 N. HIGHWAY 231 EAST BUILDING, PANAMA CITY, FLORIDA, 32404
Phone (850) 265-6979 - Fax (850) 265-9942
www.SCRcis.com - scr@SCRcis.com
LICENSE No. LB 7759

SCR & Associates
ENGINEERING - SURVEYING

JOB No. 12139
FILE No. R12373

LAIRD POINT SUBDIVISION PHASE 2

CITY OF CALLAWAY - BAY COUNTY - FLORIDA

SYMBOLS & ABBREVIATIONS

±	MORE OR LESS	FD.	FOUND
°	DEGREES	COR.	CORNER
'	MINUTES OF FEET	No.	NUMBER
"	SECONDS OR INCHES	MON.	MONUMENT
P.O.C.	POINT OF COMMENCEMENT	F.B.	FIELD BOOK
P.O.B.	POINT OF BEGINNING	EFB	ELECTRONIC FIELD BOOK
P.C.	POINT OF CURVATURE	O.R.B.	OFFICIAL RECORDS BOOK
P.T.	POINT OF TANGENCY	PG.	PAGE
P.R.C.	POINT OF REVERSE CURVATURE	BLDG.	BUILDING
P.C.C.	POINT OF COMPOUND CURVATURE	F.F.	FINISHED FLOOR
SEC.	SECTION	CONC.	CONCRETE
T	TOWNSHIP	OH	OVERHEAD UTILITIES
R	RANGE OR RADIUS	C.R.	COUNTY ROAD
P.L.S.	PROFESSIONAL LAND SURVEYOR	S.R.	STATE ROAD
LB	LICENSED BUSINESS	R.O.W.	RIGHT OF WAY
LS	LICENSED SURVEYOR	C.P.P.	CORRUGATED PLASTIC PIPE
N.	NORTH	P.V.C.	POLYVINYL CHLORIDE
E.	EAST	R.C.P.	REINFORCED CONCRETE PIPE
S.	SOUTH	E.R.C.P.	ELLIPTICAL REINFORCED CONCRETE PIPE
W.	WEST	$+24.54$	SPOT ELEVATION
STA.	STATION	~	PIPE CONTINUES OUTSIDE THE SURVEY'S SCOPE
R	RIGHT OR RADIUS		SANITARY SEWER LATERAL
L	LEFT OR ARC LENGTH		POTABLE WATER SERVICE
Δ	DELTA/CENTRAL ANGLE		REUSE WATER SERVICE
CH	CHORD		FIRE HYDRANT
ORF.	ORIFICE		BACKFLOW PREVENTER
THRT.	THROAT		CLEAN OUT
BTTM.	BOTTOM		
INV.	INVERT		
EL.	ELEVATION		
WL	WATER LINE		
RL	REUSE LINE		
FM	FORCEMAIN		
LF	LINEAR FEET		
℄	CENTERLINE		

SHEET 2 OF 4 SHEETS

EACH INDIVIDUAL SHEET IS NOT FULL AND COMPLETE WITHOUT THE OTHERS.

TYPE OF SURVEY — UTILITY AS-BUILT
SURVEYED — 9-07-2016 REVISED
IMPROVEMENTS — VISIBLE AS SHOWN
SOURCE OF INFORMATION — ENGINEERING PLANS PROVIDED BY CLIENT
BEARING REFERENCE — N/A
ELEVATION REFERENCE — SITE BENCHMARK AS PER ENGINEERING PLANS (NGVD-29)

SCALE 1" = 30'
SECTION 22 TOWNSHIP 4 SOUTH RANGE 14 WEST
F.B. — EFB
PAGE(S) —

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Phone (850) 265-6979 - Fax (850) 265-9942
www.SCRassoc.com • scrinc@gulftel.com
LICENSE No. LB 7799

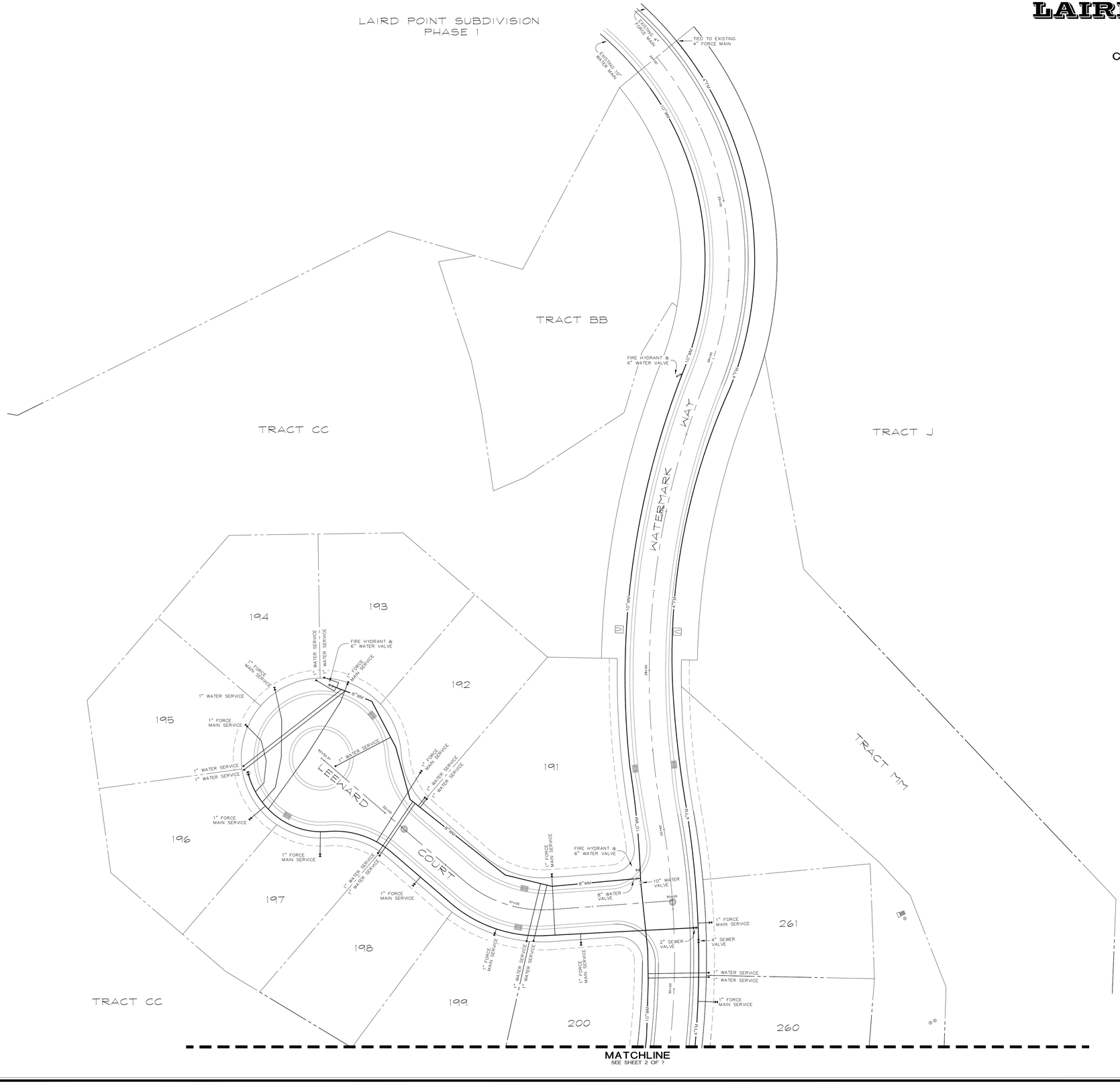
SCR & Associates
ENGINEERING - SURVEYING

JOB No. 12139

FILE No. R12373

LAIRD POINT SUBDIVISION
PHASE 2

CITY OF CALLAWAY - BAY COUNTY - FLORIDA



SYMBOLS & ABBREVIATIONS

±	MORE OR LESS	FD.	FOUND
°	DEGREES	COR.	CORNER
'	MINUTES OR FEET	No.	NUMBER
"	SECONDS OR INCHES	MON.	MONUMENT
P.O.C.	POINT OF COMMENCEMENT	F.B.	FIELD BOOK
P.O.B.	POINT OF BEGINNING	EFB	ELECTRONIC FIELD BOOK
P.C.	POINT OF CURVATURE	O.R.B.	OFFICIAL RECORDS BOOK
P.T.	POINT OF TANGENCY	PG.	PAGE
P.R.C.	POINT OF REVERSE CURVATURE	BLDG.	BUILDING
P.C.C.	POINT OF COMPOUND CURVATURE	F.F.	FINISHED FLOOR
SEC.	SECTION	CONC.	CONCRETE
T	TOWNSHIP	OH	OVERHEAD UTILITIES
R	RANGE OR RADIUS	C.R.	COUNTY ROAD
P.L.S.	PROFESSIONAL LAND SURVEYOR	S.R.	STATE ROAD
LB	LICENSED BUSINESS	R.O.W.	RIGHT OF WAY
LS	LICENSED SURVEYOR	C.P.P.	CORRUGATED PLASTIC PIPE
N.	NORTH	P.V.C.	POLYVINYL CHLORIDE
E.	EAST	R.C.P.	REINFORCED CONCRETE PIPE
S.	SOUTH	E.R.C.P.	ELLIPTICAL REINFORCED CONCRETE PIPE
W.	WEST	$+24.54$	SPOT ELEVATION
STA.	STATION	~	PIPE CONTINUES OUTSIDE THE SURVEY'S SCOPE
R	RIGHT OR RADIUS		SANITARY SEWER LATERAL
L	LEFT OR ARC LENGTH		POTABLE WATER SERVICE
Δ	DELTA/CENTRAL ANGLE		REUSE WATER SERVICE
CH	CHORD		FIRE HYDRANT
ORF.	ORIFICE		BACKFLOW PREVENTER
THRT.	THROAT	©	CLEAN OUT
BTTM.	BOTTOM		
INV.	INVERT		
EL.	ELEVATION		
WL	WATER LINE		
RL	REUSE LINE		
FM	FORCEMAIN		
LF	LINEAR FEET		
℄	CENTERLINE		

SHEET 3 OF 4 SHEETS

EACH INDIVIDUAL SHEET IS NOT FULL AND COMPLETE WITHOUT THE OTHERS.

TYPE OF SURVEY UTILITY AS-BUILT — SCALE 1" = 30'
SURVEYED 9-07-2016 REVISED
IMPROVEMENTS VISIBLE AS SHOWN — SECTION 22 TOWNSHIP 4 SOUTH RANGE 14 WEST
SOURCE OF INFORMATION ENGINEERING PLANS PROVIDED BY CLIENT
BEARING REFERENCE N/A — F.B. EFB
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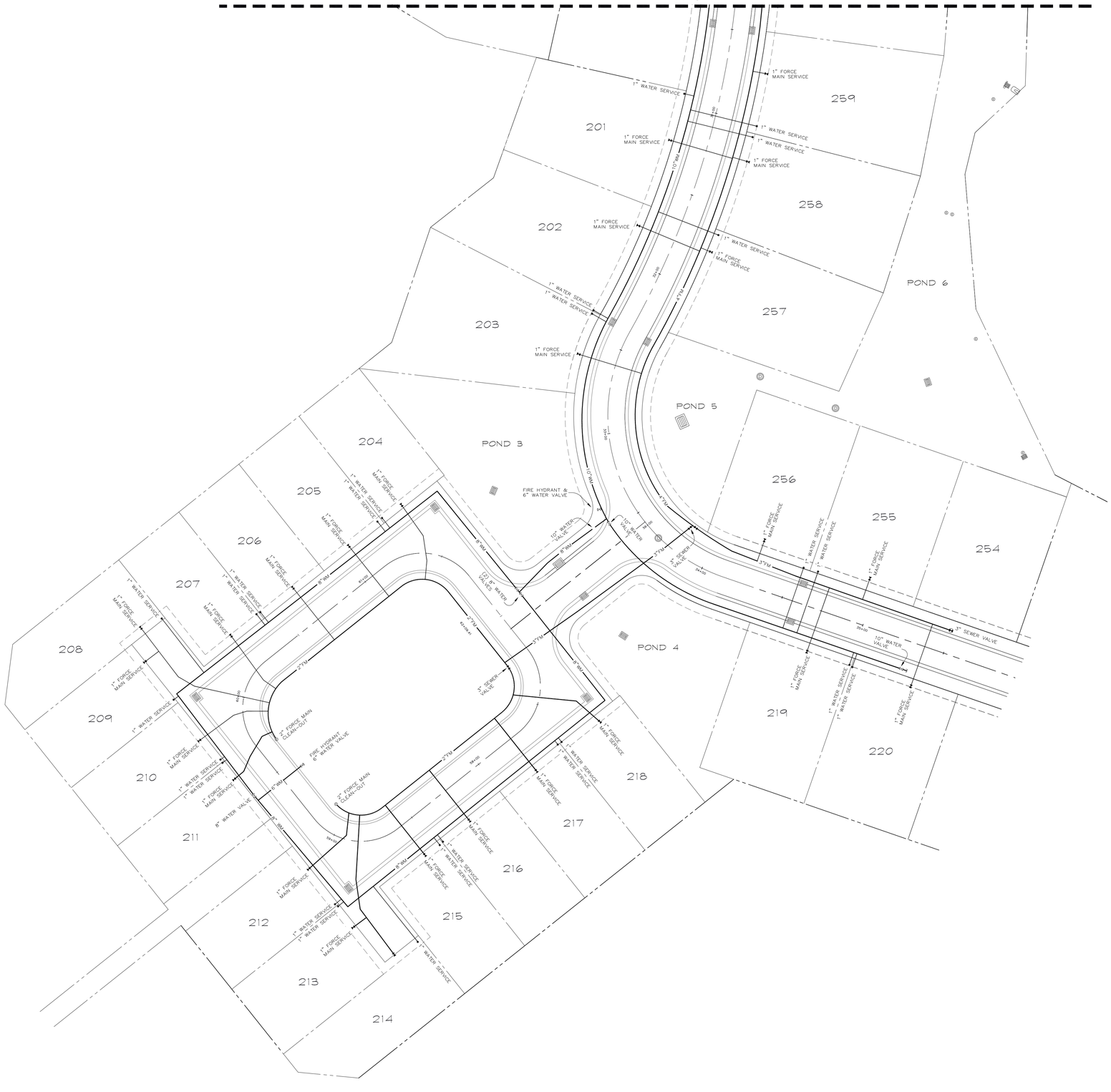
SCR & Associates
ENGINEERING - SURVEYING

JOB No. 12139

FILE No. R12373

LAIRD POINT SUBDIVISION
PHASE 2

CITY OF CALLAWAY - BAY COUNTY - FLORIDA



SCALE 1" = 30'

TYPE OF SURVEY UTILITY AS-BUILT
SURVEYED 9-07-2016 REVISED
IMPROVEMENTS VISIBLE AS SHOWN
SOURCE OF INFORMATION ENGINEERING PLANS PROVIDED BY CLIENT
BEARING REFERENCE N/A
ELEVATION REFERENCE SITE BENCHMARK AS PER ENGINEERING PLANS (NGVD-29)

SECTION 22 TOWNSHIP 4 SOUTH RANGE 14 WEST

F.B. EFB PAGE(S) -

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JOB No. 12139

FILE No. R12373

SYMBOLS & ABBREVIATIONS

±	MORE OR LESS
°	DEGREES
'	MINUTES OR FEET
"	SECONDS OR INCHES
P.O.C.	POINT OF COMMENCEMENT
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P.T.	POINT OF TANGENCY
P.R.C.	POINT OF REVERSE CURVATURE
P.C.C.	POINT OF COMPOUND CURVATURE
SEC.	SECTION
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P.L.S.	PROFESSIONAL LAND SURVEYOR
LB	LICENSED BUSINESS
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N.	NORTH
E.	EAST
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W.	WEST
STA.	STATION
R	RIGHT OR RADIUS
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ORF.	ORIFICE
THRT.	THROAT
BTTM.	BOTTOM
INV.	INVERT
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LF	LINEAR FEET
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COR.	CORNER
No.	NUMBER
MON.	MONUMENT
F.B.	FIELD BOOK
EFB	ELECTRONIC FIELD BOOK
O.R.B.	OFFICIAL RECORDS BOOK
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+24.54	SPOT ELEVATION
~	PIPE CONTINUES OUTSIDE THE SURVEY'S SCOPE
	SANITARY SEWER LATERAL
	POTABLE WATER SERVICE
	REUSE WATER SERVICE
	FIRE HYDRANT
	BACKFLOW PREVENTER
©	CLEAN OUT

SHEET 4 OF 4 SHEETS

EACH INDIVIDUAL SHEET IS NOT FULL AND COMPLETE WITHOUT THE OTHERS.

PHASE 2:
SUBDIVISION PLANS

SUBDIVISION PLANS

FOR

LAIRD POINT SUBDIVISION PHASE 2

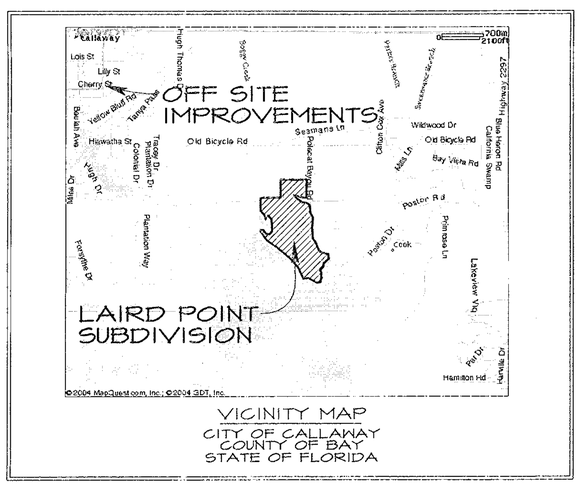
CALLAWAY, FLORIDA

DECEMBER 2012

FILE NO. E-2649
JOB NO. 9682A

SITE CIVIL ENGINEER
LAND SURVEYOR
LANDSCAPE ARCHITECH
BUCHANAN & HARPER, INC.
735 WEST 11TH STREET
PANAMA CITY, FLORIDA 32401
(850) 763-7427

DEVELOPER
LAIRD POINT INVESTORS, LLC
PO BOX 1551
SANTA ROSA BEACH, FLORIDA 32459
(615) 830-5142



VICINITY MAP
CITY OF CALLAWAY
COUNTY OF BAY
STATE OF FLORIDA

SURVEY DRAWINGS

SHEET	DESCRIPTION
1	BOUNDARY SURVEY
2	SPECIFIC PURPOSE SURVEY
3	SPECIFIC PURPOSE SURVEY
4	SPECIFIC PURPOSE SURVEY
5	SPECIFIC PURPOSE SURVEY
6	SPECIFIC PURPOSE SURVEY
7	SPECIFIC PURPOSE SURVEY
8	SPECIFIC PURPOSE SURVEY

CIVIL DRAWINGS

SHEET	DESCRIPTION
C1	MASTER PLAN
C2	TYPICAL SECTIONS
C3	TYPICAL SECTIONS
C4	PHASE 2A SUBDIVISION PLAN
C5	PHASE 2A STORMWATER PLAN
C6	PHASE 2A UTILITY PLAN
C7	FLAGLER DRIVE PLAN & PROFILE
C8	HALYARD COURT PLAN & PROFILE
C9	PHASE 2B SUBDIVISION PLAN
C10	PHASE 2B STORMWATER PLAN

CIVIL DRAWINGS (CONT.)

SHEET	DESCRIPTION
C11	PHASE 2B UTILITY PLAN
	WATERMARK WAY PLAN & PROFILE
C12	STA 23+50 TO STA 29+50
C13	STA 29+50 TO STA 35+50
C14	STA 35+50 TO STA 41+50
C15	STA 41+50 TO STA 48+00
C16	LEEWARD COURT PLAN & PROFILE
C17	WINDARD COURT PLAN & PROFILE
C18	OFF SITE IMPROVEMENTS
C19	PONDS 1 & 2 COORDINATE GEOMETRY
C20	PONDS 3, 4, 5, & 6 COORDINATE GEOMETRY
C21	POND 7 COORDINATE GEOMETRY
C22	SITE SECTIONS & DETAILS
C23	SITE SECTIONS & DETAILS
C24	SITE SECTIONS & DETAILS
C25	GRADING DETAILS
C26	STORMWATER DETAILS
C27	STORMWATER DETAILS
C28	STORMWATER FILTER DETAILS
C29	WATER DETAILS
C30	SANITARY SEWER DETAILS
C31	GRINDER STATION DETAILS

08-0845341-005-SI

1 of 31

T:\9600\9682A\9682 - Laird Point Phase 2\Permitted\Construction Specific Files\9682A.prp Plot Date/Time: Wed Mar 20 2013 / 11:35:48

LINE	BEARING	DISTANCE
1	S 28°18'15" W	4.25'
2	S 31°43'12" W	81.40'
3	S 32°05'23" W	47.62'
4	S 36°46'56" W	34.44'
5	N 56°59'43" W	7.43'
6	S 63°27'07" W	15.11'
7	N 11°17'16" W	5.14'
8	N 19°53'52" E	16.18'
9	N 28°38'50" E	27.61'
10	N 32°57'38" E	30.76'
11	N 27°04'04" E	43.14'
12	N 26°12'26" E	23.49'
13	N 34°40'57" E	20.30'
14	N 19°13'58" E	11.56'
15	N 11°19'58" W	12.07'
16	N 07°41'17" E	26.94'
17	N 89°08'20" E	25.33'
18	S 45°21'57" W	24.52'
19	S 37°02'01" W	36.22'
20	S 53°42'33" W	21.87'
21	S 52°54'43" W	28.79'
22	S 75°06'05" W	44.77'
23	S 82°31'19" W	27.30'
24	S 64°53'49" W	26.79'
25	N 87°19'41" W	33.38'
26	N 45°19'37" W	33.14'
27	N 72°28'11" W	40.04'
28	N 64°02'35" W	29.42'
29	N 73°12'53" W	36.92'
30	N 86°31'47" W	31.20'
31	N 87°45'04" W	31.69'
32	S 81°29'53" W	26.56'
33	S 74°03'51" W	87.73'
34	S 83°27'20" W	32.68'
35	S 76°15'51" W	31.69'
36	S 73°54'47" W	44.78'
37	S 11°03'30" E	9.96'
38	S 55°26'40" E	3.31'
39	S 35°22'15" W	15.22'
40	S 10°59'51" W	9.54'
41	S 24°16'08" W	7.58'
42	S 21°54'08" W	11.29'
43	S 38°15'16" W	3.20'
44	S 38°32'46" E	16.06'
45	S 42°35'45" E	13.95'
46	S 59°50'28" E	35.09'
47	S 41°44'24" E	31.45'
48	S 69°41'31" E	37.61'
49	S 41°08'52" E	14.53'
50	S 08°52'55" E	17.21'
51	S 23°17'58" E	30.25'
52	S 36°23'52" E	36.27'
53	S 52°20'07" E	25.10'
54	S 77°44'48" E	37.28'
55	S 69°24'10" E	34.90'
56	S 66°49'44" E	39.52'
57	S 82°02'35" E	32.27'
58	S 83°36'17" E	39.23'
59	S 87°55'12" E	40.48'
60	N 56°01'39" E	34.42'
61	N 51°08'23" E	33.37'
62	S 88°53'01" E	22.17'
63	N 46°06'44" E	19.03'
64	N 33°53'40" E	35.09'
65	N 28°14'13" E	30.00'
66	N 37°56'23" E	30.88'
67	N 67°06'07" E	3.61'
68	S 02°26'44" E	10.87'
69	S 20°29'27" E	7.51'
70	S 09°47'00" W	8.03'
71	S 28°35'28" W	11.44'
72	S 33°56'39" W	17.02'
73	S 13°34'29" W	9.00'
74	S 12°03'13" W	30.90'
75	S 13°36'45" E	17.03'
76	S 56°59'08" E	33.37'
77	S 10°49'45" E	106.14'
78	S 22°07'51" E	33.77'
79	S 08°36'56" W	37.99'
80	S 37°51'58" W	34.72'
81	S 03°02'50" W	38.24'
82	S 09°59'52" E	44.26'
83	S 24°10'20" E	34.72'
84	S 22°51'55" E	50.02'
85	S 27°09'18" E	33.04'
86	S 43°06'45" E	58.32'
87	S 61°10'07" E	44.49'
88	N 67°46'27" E	7.11'
89	S 09°53'21" E	8.88'
90	S 21°52'05" E	13.41'
91	S 78°55'17" E	20.03'
92	N 79°25'53" E	12.43'
93	S 37°40'52" E	19.25'
94	S 72°24'28" E	31.57'
95	S 71°06'11" E	28.13'
96	S 81°05'34" E	21.12'
97	S 60°45'13" E	23.80'
98	S 84°32'45" E	48.09'
99	S 18°53'04" E	13.98'
100	S 11°58'42" W	63.81'
101	S 07°25'20" W	67.25'
102	S 06°05'31" W	19.07'
103	S 03°19'50" E	30.26'
104	S 10°01'11" E	33.56'
105	S 07°21'35" E	36.06'
106	S 06°05'02" W	4.09'
107	S 16°14'45" W	1.57'
108	S 81°26'21" E	3.98'
109	S 35°13'53" E	19.80'
110	S 36°51'45" E	23.90'
111	S 30°41'02" E	28.14'
112	S 26°46'10" E	32.59'
113	S 25°13'05" E	19.39'
114	S 31°35'54" E	15.02'
115	S 26°08'15" E	18.59'
116	S 05°19'04" E	28.12'
117	S 07°52'22" E	50.72'
118	S 09°11'39" W	20.11'
119	S 16°31'11" E	31.79'
120	S 01°39'00" E	50.34'
121	S 05°43'06" W	50.45'
122	S 06°16'30" W	48.75'
123	S 04°47'18" W	65.03'
124	S 26°24'08" W	27.87'
125	S 31°23'57" W	8.50'
126	N 26°40'49" W	7.90'
127	N 44°59'27" W	23.33'
128	N 78°54'20" W	17.37'
129	N 62°02'56" W	21.38'
130	N 65°59'32" W	51.79'
131	N 68°09'22" W	32.86'
132	N 88°13'51" W	43.57'
133	S 61°12'39" W	26.66'
134	S 40°21'53" E	28.13'
135	S 42°46'21" E	33.50'
136	S 18°02'53" E	44.99'
137	S 37°46'15" E	52.33'
138	S 40°16'24" E	41.52'
139	S 77°43'33" E	42.98'
140	S 49°47'23" E	42.24'
141	S 73°18'38" E	43.47'
142	S 87°42'54" E	42.56'
143	N 21°55'27" W	65.58'
144	N 17°17'16" W	45.06'
145	N 04°52'45" W	27.97'
146	N 20°42'46" E	3.43'
147	S 45°01'41" E	3.19'
148	S 26°45'25" E	30.26'
149	S 16°56'28" E	39.70'
150	S 16°59'27" E	68.49'
151	S 32°30'21" E	63.02'
152	S 37°11'41" E	72.22'
153	S 32°45'17" E	34.50'
154	S 29°27'36" E	63.17'
155	S 41°11'19" E	67.00'
156	S 32°14'43" E	52.15'
157	S 33°33'42" E	66.19'
158	S 26°56'48" E	26.30'
159	S 12°30'14" W	13.68'
160	S 48°55'53" E	45.43'
161	S 29°21'58" E	43.04'
162	S 31°41'54" E	57.67'
163	S 44°06'41" E	50.01'
164	S 34°09'41" E	48.79'
165	S 36°10'43" E	42.46'
166	S 29°37'33" E	52.12'
167	S 35°34'07" E	50.09'
168	S 45°47'41" E	60.98'
169	S 50°42'09" E	39.60'
170	S 55°19'32" E	48.94'
171	S 67°17'14" E	43.19'
172	S 76°19'57" E	56.00'
173	S 82°51'59" E	15.18'
174	S 61°03'22" E	11.45'
175	S 57°15'52" E	6.29'
176	N 70°40'51" W	12.00'
177	S 89°34'52" W	27.42'
178	N 86°46'07" W	29.72'
179	N 72°07'55" W	22.18'
180	N 67°56'57" W	23.39'
181	N 56°41'48" W	18.24'
182	S 78°26'43" W	13.88'
183	S 10°36'04" E	14.89'
184	S 23°45'36" E	27.21'
185	S 60°47'21" E	38.10'
186	S 51°12'13" E	20.43'
187	S 46°32'45" E	54.93'
188	S 82°44'02" E	24.40'
189	N 85°59'00" E	17.72'
190	S 63°41'03" E	15.41'
191	S 78°35'39" E	7.62'
192	N 40°25'28" E	27.37'
193	S 10°17'44" E	13.52'
194	S 63°56'43" E	14.11'
195	S 78°29'36" E	34.99'
196	S 15°09'28" W	16.42'
197	S 00°02'39" W	30.18'
198	N 88°42'59" W	26.54'
199	S 30°44'21" W	19.13'
200	S 53°07'45" W	16.02'
201	S 14°22'13" E	10.65'
202	S 17°33'17" W	13.65'
203	S 10°24'02" W	22.80'
204	S 47°15'15" E	29.48'
205	S 45°42'32" E	17.07'
206	S 39°27'12" E	29.55'
207	S 34°24'04" E	24.28'
208	S 07°29'43" E	19.80'
209	S 53°08'10" E	17.42'
210	S 25°16'24" E	7.31'
211	N 64°53'21" E	6.05'
212	N 58°22'03" E	34.09'
213	N 52°07'11" E	33.31'
214	N 40°16'11" E	29.46'
215	N 24°25'58" E	19.71'
216	N 00°02'03" W	34.75'
217	N 05°57'38" E	36.54'
218	N 01°49'46" W	42.33'
219	N 15°30'16" W	28.47'
220	N 45°31'19" W	37.05'
221	N 50°24'13" W	31.59'
222	N 75°06'37" W	30.52'
223	N 75°52'58" W	37.41'
224	N 74°19'07" W	28.10'
225	N 71°55'50" W	18.11'
226	N 68°14'56" W	13.78'
227	N 06°07'20" W	5.14'
228	S 79°38'28" E	38.01'
229	S 83°24'27" E	64.78'
230	S 69°09'34" E	49.67'
231	S 56°41'00" E	41.79'
232	S 49°16'52" E	46.81'
233	S 22°35'08" E	45.13'
234	S 07°33'48" E	46.67'
235	S 40°41'46" W	41.25'
236	S 30°51'17" W	49.47'
237	S 44°20'31" W	44.84'
238	S 52°53'38" W	39.51'
239	S 61°40'00" W	38.82'
240	S 59°30'40" W	41.90'
241	S 62°59'31" W	37.86'
242	S 55°37'10" W	39.24'
243	S 54°36'51" W	41.85'
244	S 37°36'24" W	40.85'
245	S 43°01'48" W	38.45'
246	S 28°29'02" W	41.91'
247	S 28°51'45" W	19.56'
248	S 02°34'03" W	6.20'
249	S 42°25'19" W	16.57'
250	S 36°28'44" W	8.57'
251	N 08°11'35" W	8.60'
252	N 33°44'04" E	24.03'
253	N 15°21'20" E	46.96'
254	N 28°38'04" E	34.96'
255	N 21°24'33" W	10.54'
256	S 88°52'58" W	45.10'
257	S 65°44'57" W	42.99'
258	S 73°33'07" W	70.13'
259	S 76°02'07" W	22.37'
260	N 62°51'39" W	24.84'
261	N 81°56'24" W	25.99'
262	S 88°33'47" W	42.17'
263	S 85°21'28" W	118.38'
264	N 58°46'11" W	79.49'
265	N 31°33'29" W	23.32'
266	N 37°09'19" W	54.39'
267	S 61°53'43" W	60.83'
268	S 21°13'06" W	39.19'
269	S 55°10'10" W	32.71'
270	S 82°18'26" W	7.10'
271	N 73°12'50" W	8.40'
272	N 81°20'08" W	14.19'
273	N 67°23'44" W	12.60'
274	N 28°52'00" W	5.32'
275	N 82°15'55" W	16.04'
276	N 02°33'22" E	24.12'
277	N 11°48'38" E	32.35'
278	N 17°37'27" E	31.04'
279	N 40°54'43" E	20.59'
280	N 11°58'43" W	12.10'
281	N 48°20'47" W	21.63'
282	N 20°10'56" W	34.77'
283	N 03°58'38" E	30.42'
284	N 20°56'05" W	48.86'
285	N 03°52'25" W	33.23'
286	N 00°04'05" W	57.07'
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288	N 84°40'49" W	11.25'
289	S 86°43'10" W	27.58'
290	S 36°47'37" W	51.97'
291	S 34°20'19" W	18.39'
292	S 07°23'17" W	32.06'
293	S 04°45'43" E	28.55'
294	S 22°29'42" E	34.65'
295	S 24°46'40" E	39.81'
296	S 26°58'32" E	32.68'
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299	N 39°56'38" W	57.83'
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302	N 81°40'42" W	29.41'
303	S 12°43'56" W	56.85'
304	S 14°56'35" W	78.35'
305	S 38°01'26" W	71.67'
306	S 15°58'23" W	74.54'
307	S 13°24'44" W	62.09'
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309	S 11°07'11" W	48.75'
310	S 02°15'56" E	31.93'
311	S 02°23'04" E	47.20'
312	S 39°48'32" E	40.71'
313	S 46°11'17" E	37.14'
314	S 51°42'43" E	44.65'
315	S 41°01'24" E	41.13'
316	S 41°13'27" E	36.53'
317	S 41°33'32" E	34.85'
318	S 40°21'56" E	32.78'
319	S 30°50'55" E	27.11'
320	S 17°18'59" E	34.23'
321	S 12°14'40" E	31.53'
322	S 11°58'52" E	31.70'
323	S 08°55'10" E	49.26'
324	N 34°02'47" W	50.21'
325	N 19°19'02" W	51.85'
326	N 23°03'25" W	52.34'
327	N 35°04'19" W	68.65'
328	N 46°29'34" W	79.12'
329	N 66°37'28" W	80.41'
330	N 47°14'55" W	96.62'
331	N 43°35'20" W	85.29'
332	N 43°33'42" W	88.21'
333	N 41°21'57" W	90.34'
334	N 44°15'38" W	102.59'
335	N 46°19'33" W	83.13'
336	N 44°12'40" W	90.51'
337	N 43°42'36" W	87.06'
338	N 45°44'31" W	96.15'
339	N 47°39'03" W	75.19'
340	N 48°03'23" W	91.00'
341	N 51°38'39" W	90.67'
342	N 43°26'58" W	82.99'
343	N 45°18'38" W	86.28'
344	N 50°55'39" W	92.16'
345	N 49°54'40" W	89.85'
346	N 53°59'58" W	102.00'
347	N 44°48'06" W	90.19'
348	N 48°01'14" W	100.05'
349	N 56°14'28" W	97.22'
350	N 54°57'26" W	89.13'
351	N 62°10'52" W	73.73'
352	N 59°05'58" W	57.80'
353	N 65°23'56" W	72.40'
354	N 64°53'08" W	44.84'
355	N 69°57'51" W	65.38'
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357	N 63°37'58" W	60.74'
358	N 59°30'28" W	13.15'
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367	N 62°39'57" W	32.71'
368	N 68°43'12" W	42.18'
369	N 60°31'26" W	31.11'
370	N 32°57'39" W	10.52'
371	N 06°16'19" E	12.52'
372	N 22°54'18" W	33.99'
373	N 22°48'57" W	34.90'
374	N 01°20'44" W	28.58'
375	N 09°56'22" W	28.54'
376	N 22°00'11" E	34.26'
377	N 00°48'26" W	10.67'
378	N 03°59'25" W	19.21'
379	N 01°08'23" W	38.95'
380	N 18°09'09" E	19.88'
381	N 80°08'31" E	10.09'
382	S 39°21'56" E	43.92'
383	S 18°51'05" E	36.47'
384	S 59°13'12" E	31.55'
385	S 00°09'41" W	9.66'
386	S 20°58'59" W	14.52'
387	S 51°06'41" W	22.88'
388	S 52°49'02" W	9.03'
389	S 54°05'41" W	30.22'
390	S 10°39'31" W	46.67'
391	S 40°06'54" E	38.07'
392	S 61°59'04" E	17.13'
393	S 50°57'38" E	41.50'
394	S 62°42'17" E	38.58'
395	S 42°24'05" E	34.05'
396	S 30°43'03" E	42.88'
397	S 43°55'27" E	41.14'
398	N 87°11'40" E	35.22'
399	S 80°15'35" E	39.10'
400	S 75°26'34" E	48.50'
401	S 55°24'24" E	36.67'
402	S 68°10'54" E	24.77'
403	S 67°24'28" E	29.66'
404	S 65°47'10" E	43.01'
405	S 48°36'56" E	38.17'
406	S 67°48'10" E	57.90'
407	S 64°52'03" E	49.69'
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409	S 47°41'49" E	38.02'
410	S 72°12'48" E	35.17'
411	N 80°11'58" E	33.67'
412	N 35°13'34" E	34.55'
413	N 32°04'56" E	38.22'
414	N 16°20'46" E	31.61'
415	N 05°31'13" E	42.82'
416	N 06°44'10" W	30.18'
417	N 20°53'15" E	22.38'
418	N 17°19'01" W	34.39'
419	N 33°47'17" W	29.45'
420	N 73°04'13" W	37.88'
421	N 48°19'04" W	28.05'
422	N 28°21'18" W	12.65'
423	S 84°37'04" W	15.15'
424	N 88°56'10" W	20.08'
425	N 06°39'53" E	15.07'
426	N 31°45'00" W	11.13'
427	N 82°44'04" W	17.52'
428	N 00°34'49" W	41.48'
429	N 09°00'18" W	36.44'
430	N 22°49'54" E	29.28'
431	N 13°50'16" W	40.27'
432	N 21°29'22" W	38.24'
433	N 62°32'00" E	16.80'
434	N 18°46'25" W	13.43'
435	N 36°24'43" W	9.44'
436	N 24°16'12" W	27.81'
437	N 46°02'12" W	19.85'
438	N 80°20'28" W	21.50'
439	N 51°50'35" W	21.23'
440	N 64°13'11" W	42.97'
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443	N 06°38'09" W	31.44'
444	N 15°43'40" W	48.94'
445	N 28°29'30" W	10.63'
446	N 36°40'33" W	11.98'
447	N 44°21'28" E	7.30'
448	N 83°16'27" E	12.55'
449	N 28°03'52" E	25.84'
450	N 27°21'40" E	74.54'
451	N 29°13'44" E	48.37'
452	N 09°54'33" E	30.20'
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455	N 17°34'53" W	17.96'
456	N 07°27'39" W	5.52'
457	N 08°55'36" E	41.15'
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459	N 12°44'04" E	64.95'
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462	N 43°44'26" E	29.91'
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464	N 54°30'50" E	31.57'
465	N 83°34'49" E	17.31'
466	S 71°36'01" E	27.95'
467	S 74°17'07" E	50.25'
468	S 69°12'15" E	20.80'
469	S 44°35'57" E	27.77'
470	S 63°02'26" E	36.27'
471	S 89°01'36" E	38.26'
472	N 74°41'24" E	23.52'
473	N 50°14'20" E	30.15'
474	N 20°59'52" E	26.04'
475	S 06°40'43" E	37.60'
476	N 74°06'55" E	24.17'
477	N 00°12'53" W	19.34'
478	N 41°48'30" W	19.97'
479	N 50°05'22" W	27.69'
480	S 63°46'24" W	29.78'
481	S 76°39'07" W	52.10'
482	N 61°10'01" W	40.28'
483	S 89°27'56" W	34.02'
484	N 44°54'57" W	39.83'
485	N 32°05'03" W	38.40'
486	N 28°17'34" W	34.39'
487	N 10°17'20" W	29.85'
488	N 09°14'04" E	56.31'
489	N 01°12'56" E	40.10'
490	N 13°25'23" W	34.12'
491	S 62°07'36" W	16.08'
492	S 29°37'03" W	41.05'
493	S 22°20'02" W	33.24'
494	S 51°53'06" W	23.68'
495	S 27°27'42" W	24.81'
496	S 08°17'00" W	16.87'
497	S 50°44'22" W	20.34'
498	S 49°11'51" W	19.22'
499	S 29°42'42" E	7.54'
500	S 71°39'38" W	5.18'
501	N 62°27'47" W	7.63'
502	S 63°52'08" W	24.02'
503	S 68°04'11" W	17.04'
504	S 76°40'29" W	36.94'
505	S 75°09'09" W	53.00'
506	S 77°23'12" W	38.34'
507	S 58°04'13" W	21.15'
508	N 84°50'40" W	27.71'
509	N 73°52'38" W	14.44'
510	N 59°18'25" W	30.82'
511	N 49°30'29" W	28.84'
512	N 36°30'17" W	30.00'
513	N 14°59'12" W	42.29'
514	N 03°45'55" W	66.09'
515	N 20°58'28" W	56.36'
516	N 36°27'58" W	31.96'
517	N 24°53'42" W	22.65'
518	N 71°13'10" W	33.25'
519	N 64°02'48" W	17.66'
520	S 88°40'55" W	14.98'
521	N 06°59'23" E	6.93'
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523	N 75°30'06" E	18.26'
524	S 23°28'01" E	9.73'
525	N 10°28'39" E	41.57'
526	N 14°10'10" W	40.20'
527	N 27°03'45" W	43.20'
528	N 41°31'32" W	32.30'
529	N 46°53'09" W	45.71'
530	N 53°00'50" W	43.95'
531	N 37°26'56" W	27.63'
532	N 26°58'16" W	39.54'
533	N 17°24'34" E	21.66'
534	N 23°17'26" W	53.25'
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536	N 52°23'43" W	29.23'
537	N 51°37'55" W	76.29'
538	N 40°38'55" W	41.72'
539	N 51°07'30" W	19.02'
540	S 29°46'19" E	26.20'
541	S 14°55'25" W	26.36'
542	S 37°51'03" W	28.04'
543	S 53°01'27" W	23.14'
544	N 73°29'36" W	29.66'
545	N 37°24'56" W	19.49'
546	N 09°17'02" E	24.55'
547	N 20°47'22" E	29.95'
548	N 75°26'36" E	36.01'
549	S 87°24'32" E	20.53'
550	S 24°17'46" W	18.18'
551	S 23°42'03" W	34.68'
552	S 28°54'21" W	23.87'
553	S 28°34'22" W	24.32'
554	S 14°16'01" W	22.53'
555	S 09°25'48" W	21.16'
556	S 66°44'00" E	33.66'
557	S 43°06'03" E	11.84'
558	S 41°30'25" E	23.14'
559	S 49°16'58" E	20.08'
560	S 34°26'19" E	21.07'
561	S 27°29'18" E	22.39'
562	S 30°13'12" E	82.53'
563	S 31°49'36" E	84.43'
564	S 24°10'43" E	21.11'
565	S 18°37'11" E	20.40'
566	S 06°56'07" E	21.36'
567	S 14°26'32" W	22.65'
568	S 19°31'47" W	24.77'
569	S 27°41'09" W	23.02'
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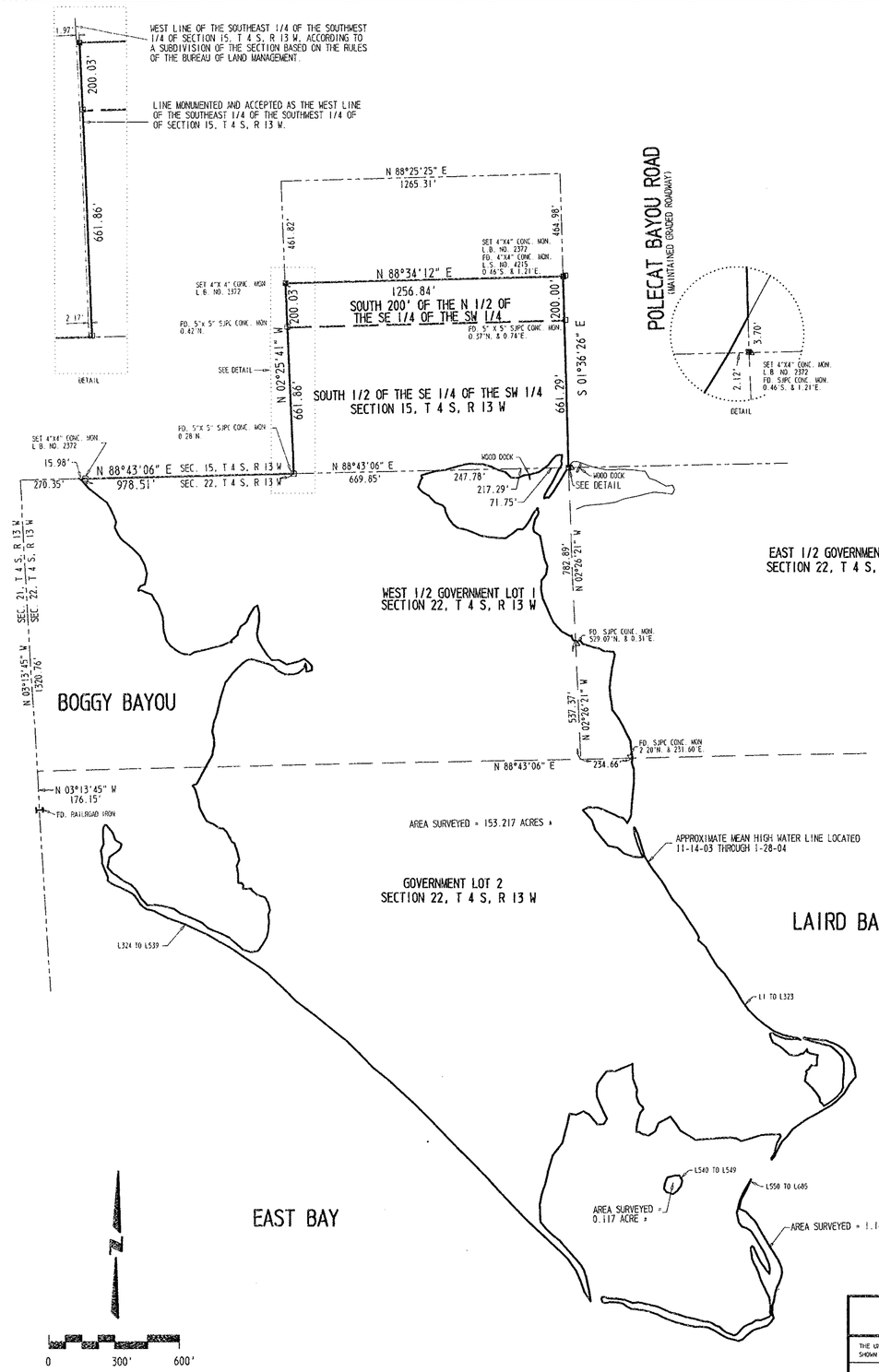
572	S 10°07'42" W	13.47'



FOR: LAND RESOURCE COMPANIES

DESCRIPTION: THE SOUTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

ALSO: THE SOUTH 200 FEET OF THE NORTH HALF OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER, OF SECTION 15, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA.

ALSO: THAT PORTION OF THE EAST HALF OF GOVERNMENT LOT 1, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, BAY COUNTY, FLORIDA, LYING SOUTH AND WEST OF LAIRD BAYOU AND BEING A PART OF LAIRD POINT.

ALSO: THE WEST HALF OF GOVERNMENT LOT 1 AND ALL OF GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST BAY COUNTY, FLORIDA.

SYMBOLS AND ABBREVIATIONS

N.	NORTH
E.	EAST
S.	SOUTH
W.	WEST
SEC.	SECTION
T	TOWNSHIP
R	RANGE
°	DEGREES
'	MINUTES OR FEET
"	SECONDS OR INCHES
FD.	FOUND
COR.	CORNER
LS	LAND SURVEYOR
LB	LAND SURVEYOR BUSINESS
NO.	NUMBER
I.D.	IDENTIFICATION
CONC.	CONCRETE
MON.	MONUMENT
±	MORE OR LESS

THE UNDERSIGNED SURVEYOR HAS NOT BEEN PROVIDED A CURRENT TITLE OPINION OR ABSTRACT OF MATTERS AFFECTING TITLE OR BOUNDARY TO THE SUBJECT PROPERTY. IT IS POSSIBLE THERE ARE RECORDED DEEDS, UNRECORDED DEEDS, EASEMENTS, RESTRICTIONS, SETBACKS OR OTHER INSTRUMENTS AND GOVERNMENT REGULATIONS WHICH COULD AFFECT THE BOUNDARIES AND/OR USE OF THE PROPERTY.

DITCHES AND WOODS ROADS WERE NOT LOCATED AND ARE NOT DEPICTED HEREON.

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET - PANAMA CITY, FLORIDA 32401 - TELEPHONE (850) 763-7427

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

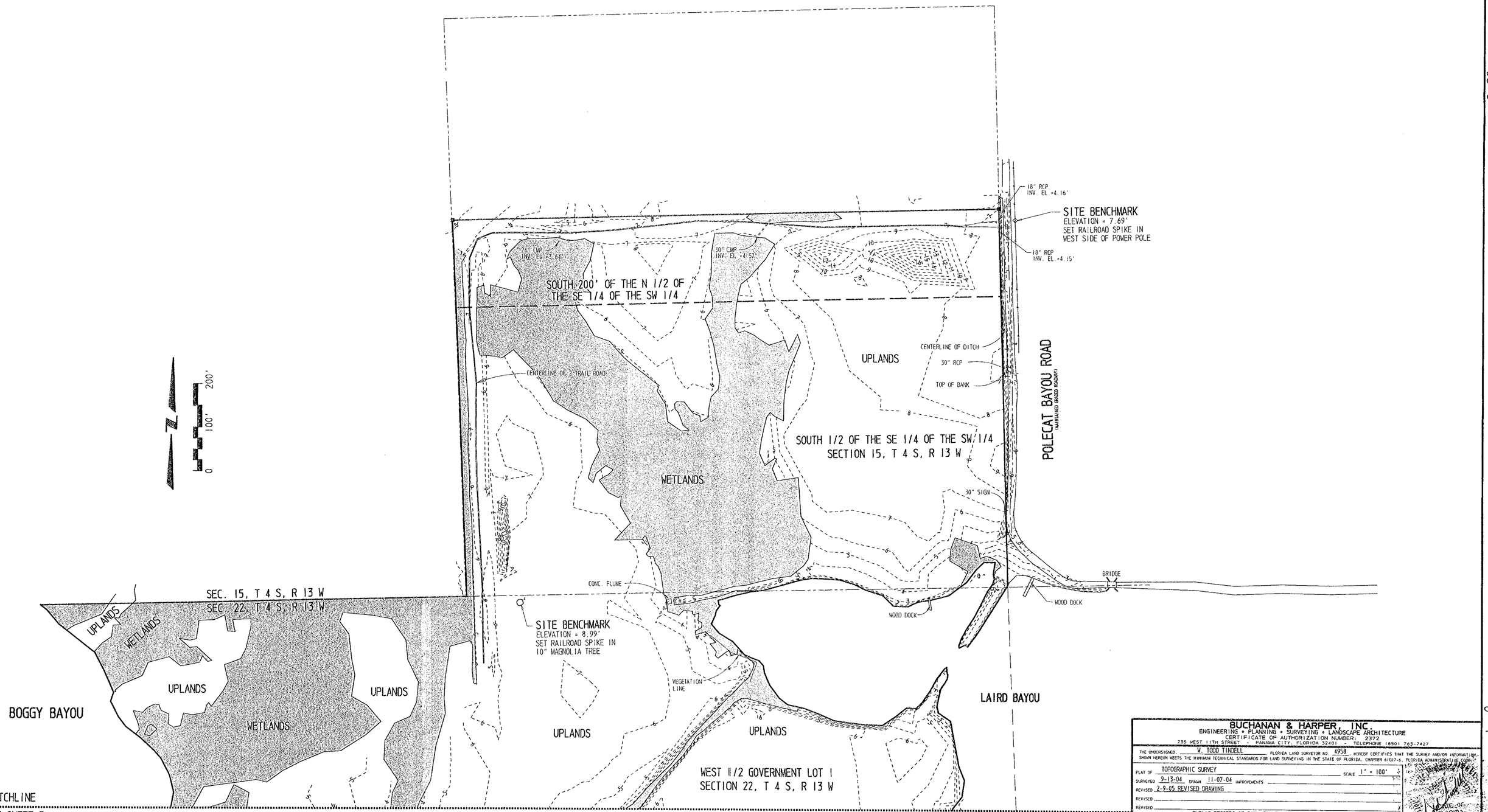
PLAT OF BOUNDARY SURVEY — SCALE 1" = 300'
SURVEYED 2/5/04 — DRAWN 2/5/04 — IMPROVEMENTS NONE
REVISED 5/27/04 DESCRIPTION OF E 1/2 OF GOVT. LOT 1, SEC. 22, T 4 S, R 13 W
REVISED 12/02/04 REVISED TEXT — 2/09/05 REVISED DRAWING
REVISED 12/17/04 REVISED NOTES
SOURCE OF INFORMATION PUBLIC RECORDS OF BAY COUNTY, FLORIDA
BEARING REFERENCE N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REFERENCE
F.B. 859 — PA 23 — JOB NO 9345.09 — FILE NO E 2334 A — SHEET NO 1 OF 8

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9345 LAYER CODE: 9345-

03-0476344-005-SI

2 of 2



BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET - PANAMA CITY, FLORIDA 32401 - TELEPHONE (850) 763-7427

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

PLAT OF TOPOGRAPHIC SURVEY SCALE 1" = 100'
SURVEYED 9-13-04 DRAWN 11-07-04 IMPROVEMENTS
REVISED 2-9-05 REVISED DRAWING
REVISED
REVISED
SOURCE OF INFORMATION PUBLIC RECORDS OF BAY, COUNTY, FLORIDA
BEARING REFERENCE N 88°43'06" E FOR THE NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REFERENCE NGVD - NGS BENCHMARK F 290 ELEVATION = 33.268'
F.B. 881 PG. 1 JOB NO. 9345.11 FILE NO. F2334 SHEET NO. 2 OF 8

STATE OF FLORIDA
W. TODD TINDELL
REGISTERED LAND SURVEYOR
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9345 LAYER CODE: T1

3 of 8

SEE SHEET 2
MATCHLINE

WEST 1/2 GOVERNMENT LOT 1
SECTION 22, T 4 S, R 13 W

EAST 1/2 GOVERNMENT LOT 1
SECTION 22, T 4 S, R 13 W

GOVERNMENT LOT 2
SECTION 22, T 4 S, R 13 W

WETLANDS
UPLANDS
BOGGY BAYOU
LAIRD BAYOU

N
0 100' 200'

MATCHLINE
SEE SHEET 4

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET - PANAMA CITY, FLORIDA 32401 - TELEPHONE (850) 763-7427

THE UNDERSIGNED W. TODD TINDELL FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

PLAT OF TOPOGRAPHIC SURVEY SCALE 1" = 100'
SURVEYED 9-13-04 DRAWN 11-07-04 IMPROVEMENTS
REVISED
REVISED
REVISED
SOURCE OF INFORMATION PUBLIC RECORDS OF BAY COUNTY, FLORIDA.
BEARING REFERENCE N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REFERENCE NGVD - NGS BENCHMARK F 290 ELEVATION = 33.268'
F.B. 881 PG. 1 JOB NO. 9345.11 FILE NO. F2334 SHEET NO. 3 OF 8

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9345 LAYER CODE: 12

03-09453H-BAS-EI

3 of 8

SEE SHEET 3

MATCHLINE

UPLANDS

WETLANDS

WETLANDS

UPLANDS

LAIRD BAYOU

WETLANDS

EAST BAY

EL = 1.8'
EL = 0.6'
EL = 1.3'
EL = 2.4'
EL = 0.6'
EL = 0.6'
EL = 1.2'
EL = 1.4'
EL = 1.8'
EL = 1.4'
EL = 0.6'

N

0 100' 200'

BS-1981534-005SI

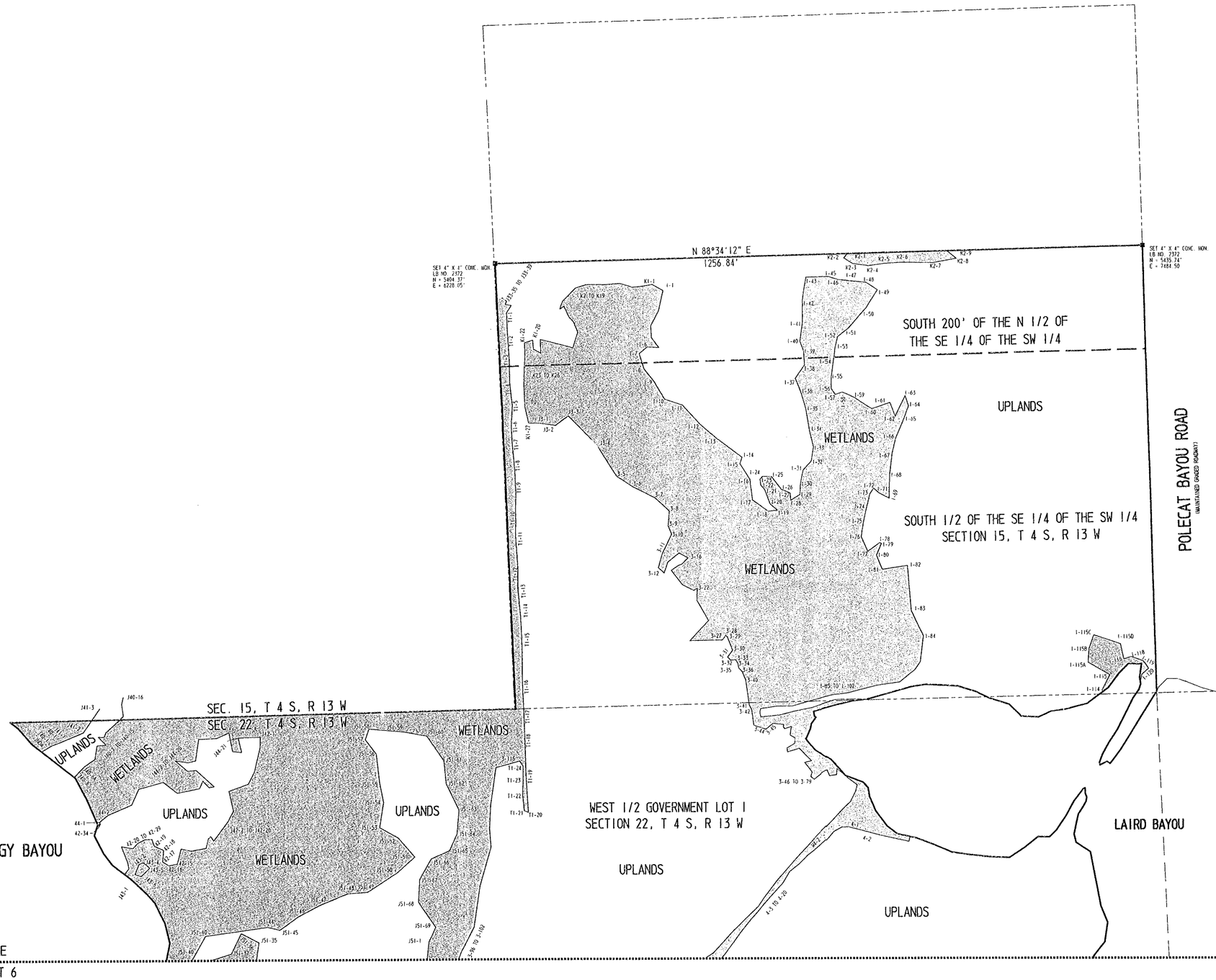
BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET - PANAMA CITY, FLORIDA 32401 - TELEPHONE (850) 763-7427

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE

PLAT OF TOPOGRAPHIC SURVEY SCALE 1" = 100'
SURVEYED 9-13-04 DRAWN 11-07-04 IMPROVEMENTS
REVISED
REVISED
REVISED
SOURCE OF INFORMATION PUBLIC RECORDS OF BAY COUNTY, FLORIDA
BEARING REFERENCE N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REFERENCE NGVD - NGS BENCHMARK F 290 ELEVATION = 33.268'
F B 881 PA 1 JOB NO 9345.11 FILE NO E2334 SHEET NO 4 OF 8

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9345 LAYER CODE: 13



THIS IS A SPECIFIC PURPOSE SURVEY TO SHOW LIMITS OF JURISDICTIONAL WETLANDS DELINEATED AND FLAGGED BY ECOLOGICAL RESOURCE CONSULTANTS, INC. THE FLAGS WERE LOCATED USING AN ELECTRONIC SURVEYING INSTRUMENT.

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET - PANAMA CITY, FLORIDA 32401 - TELEPHONE (850) 763-7427

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

PLAT OF SPECIFIC PURPOSE SURVEY SCALE 1" = 100'
SURVEYED 6-26-04 DRAWN 11-07-04 IMPROVEMENTS
REVISED 2-9-05 REVISED DRAWING
REVISED
REVISED
SOURCE OF INFORMATION PUBLIC RECORDS OF BAY COUNTY, FLORIDA
BEARING REFERENCE N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REFERENCE
F.B 881 PG 1 JOB NO 9345.11 FILE NO E2334 SHEET NO 5 OF 8

NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9345 LAYER CODE: W1

65-00534-IS

6 of 8

SEE SHEET 5

MATCHLINE

WETLANDS

UPLANDS

WETLANDS

UPLANDS

WEST 1/2 OF GOVERNMENT LOT 1
SECTION 22, T 4 S, R 13 W

UPLANDS

WETLANDS

BOGGY BAYOU

UPLANDS

WETLANDS

WETLANDS

LAIRD BAYOU

UPLANDS

UPLANDS

WETLANDS

UPLANDS

GOVERNMENT LOT 2
SECTION 22, T 4 S, R 13 W

WETLANDS

EAST BAY

WETLANDS

0 100' 200'

MATCHLINE

SEE SHEET 7

03-0434-03-ST

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET - PANAMA CITY, FLORIDA 32401 - TELEPHONE (850) 763-7427

THE UNDERSIGNED, W. TODD TINDELL, FLORIDA LAND SURVEYOR NO. 4958, HEREBY CERTIFIES THAT THE SURVEY AND/OR INFORMATION SHOWN HEREON MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE.

PLAT OF SPECIFIC PURPOSE SURVEY SCALE 1" = 100'
SURVEYED 6-26-04 DRAWN 11-07-04 IMPROVEMENTS
REVISED
REVISED
REVISED
SOURCE OF INFORMATION PUBLIC RECORDS OF BAY COUNTY, FLORIDA
BEARING REFERENCE N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13W
ELEVATION REFERENCE
P.B. 68 PA 1 JOB NO. 9345.11 FILE NO. E2334 SHEET NO. 6 OF 8

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR.

HP FILE: 9345 LAYER CODE: W2

8 of 10

SEE SHEET 6
MATCHLINE

UPLAND

WETLANDS

EAST BAY

UPLAND

GOVERNMENT LOT 2
SECTION 22, T 4 S, R 13 W

WETLANDS

UPLAND

LAIRD BAYOU

0 100' 200'

WF8 WF9 WF10 WF11 WF12 WF13

03-0945.005.SI

BUCHANAN & HARPER, INC.

ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
CERTIFICATE OF AUTHORIZATION NUMBER: 2372
735 WEST 11TH STREET - PANAMA CITY, FLORIDA 32401 - TELEPHONE (850) 763-7427

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PLAT OF SPECIFIC PURPOSE SURVEY SCALE 1" = 100'
SURVEYED 6-26-04 DRAWN 11-07-04 IMPROVEMENTS
REVISED
REVISED
REVISED
SOURCE OF INFORMATION PUBLIC RECORDS OF BAY COUNTY, FLORIDA
BEARING REFERENCE N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REFERENCE
F.B. 881 PA 1 JOB NO 9345.11 FILE NO E2334 SHEET NO 7 OF 8

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR

HP FILE: 9345 LAYER CODE: W3

WETALND FLAG COORDINATES

Pt #	NORTHING	EASTING	FLAG #
3712	3367.03	6449.26	28-4
3713	3339.40	6462.97	28-5
3714	3305.94	6450.08	28-6
3715	3250.08	6439.65	28-7
3716	3360.98	6418.56	28-9
3717	3415.38	6397.59	28-10
3718	3447.96	6381.98	28-11
3719	3494.67	6406.87	28-13
3720	3795.05	6925.39	4-51
3721	3823.16	6884.61	6-50
3722	3863.85	6862.50	6-49
3723	3855.55	6836.61	6-48
3724	3853.79	6823.31	6-47
3725	3819.13	6837.35	6-46
3726	3796.23	6950.14	6-52
3727	3807.27	6975.07	6-53
3728	3782.96	7025.54	6-54
3729	3756.06	7077.30	6-55
3730	3795.87	7064.11	6-56
3731	3798.78	7059.33	6-57
3732	3850.56	7054.53	6-58
3733	3868.52	7067.49	6-59
3734	3881.31	7099.18	6-60
3735	3849.80	7140.31	6-61
3736	3798.19	7160.61	6-62
3737	3781.59	7192.00	6-63
3738	3781.76	7215.30	6-64
3746	3568.84	7341.18	6-72
3747	3520.29	7338.07	6-73
3748	3495.93	7315.63	6-74
3749	3501.10	7266.18	6-75
3750	3470.63	7245.83	6-76
3751	3455.18	7222.06	6-77
3752	3467.07	7184.13	6-78
3753	3456.97	7160.01	6-79
3754	3437.49	7140.34	6-71
3755	3419.82	7148.65	6-72
3756	3396.71	7170.95	6-73
3757	3361.58	7166.18	6-74
3758	3397.50	7154.66	6-76
3759	3429.92	7128.96	6-77
3760	3437.38	7125.79	6-78
3761	3388.72	7104.64	6-79
3762	3384.79	7073.85	6-80
3763	3343.58	7090.61	6-81
3764	3342.12	7103.43	6-82
3765	3299.96	7223.66	6-85
3766	3343.48	7241.72	6-86
3767	3327.48	7273.95	6-87
3768	3290.95	7258.17	6-88
3769	3254.42	7219.77	6-89
3770	3267.68	7190.84	6-90
3771	3249.52	7171.08	6-91
3772	3235.96	7172.86	6-92
3773	3209.44	7144.95	6-93
3774	3205.65	7135.72	6-94
3775	3220.50	7139.27	6-95
3776	3241.45	7138.27	6-96
3777	3277.67	7152.22	6-97
3778	3249.25	7119.47	6-98
3779	3235.99	7099.06	6-99
3780	3242.74	7091.49	6-100
3781	3280.73	7079.23	6-101
3782	3285.48	7058.61	6-102
3783	3247.50	7047.09	6-103
3784	3290.97	7011.00	6-104
3786	3243.55	7023.39	6-105
3787	3249.49	7046.85	6-106
3788	3246.43	7054.27	6-107
3789	3228.53	7070.39	6-110
3790	3221.53	7042.86	6-111
3791	3210.62	7032.18	6-112
3829	5095.44	6310.12	J3-1
3830	5090.49	6343.59	J3-2
3831	5108.60	6368.34	J3-3
3832	5052.30	6423.52	J3-4
3843	3162.29	7012.27	6-115
3844	3082.84	7014.48	6-119
3845	3361.58	7153.68	6-74A
3846	3360.61	7150.07	6-74A
3847	3385.76	7155.89	6-75A
3848	3326.76	7135.90	6-83
3849	3305.65	7183.37	6-84
3850	3154.94	5852.96	4-68
3851	2910.94	6145.37	4-101
3852	2917.18	6295.84	4-109
3855	3178.63	5876.64	4-67
3858	5229.93	6507.01	I-7
3859	5200.31	6516.15	I-8
3860	3880.66	6578.30	4-22
4010	3084.49	6765.59	J4-21ID
4011	3037.77	6742.25	J4-21ICI
4012	3044.31	6774.26	J4-21IC2
4013	3066.43	6794.27	J4-21IC3
4014	3079.52	6789.00	J4-21ID
4015	2976.79	6765.34	J4-21IB
4016	2945.71	6773.05	J4-21IA
4024	3032.26	6533.92	J4-123
4025	3016.72	6560.79	J4-125
4026	3018.24	6585.88	J4-124
4028	3022.84	6620.78	JE4-21IG
4029	3043.76	6622.96	J4-21IF
4030	3043.83	6682.10	J4-21IE
4031	2896.20	6782.64	J4-210
4035	2916.27	6721.53	J27-6
4036	2920.85	6694.94	J27-5
4037	2937.75	6680.12	J27-4
4038	2931.01	6664.70	J27-3
4039	2913.29	6676.06	J27-2
4040	2908.26	6669.13	J27-1
4041	2885.96	6633.98	J4-127
4042	2853.90	6624.93	J4-128
4043	2822.01	6651.00	J4-129
4044	2799.10	6634.82	J4-130
4045	2743.05	6646.78	J4-131
4046	2764.18	6589.34	J4-132
4047	2798.45	6589.83	J4-133A
4048	2823.17	6564.72	J4-133B
4049	2780.62	6559.89	J4-133C
4050	2748.83	6552.86	J4-134
4052	3051.43	7614.06	J4-74
4053	3071.17	7566.44	J4-75
4054	3065.83	7540.31	J4-76
4055	3065.11	7517.94	J4-77
4056	3055.92	7500.76	J4-78
4057	2947.71	7564.66	J4-81
4058	2915.50	7588.68	J4-82
4059	2866.38	7604.09	J4-83
4060	2853.93	7669.76	NO NUMBER
4061	2814.23	7722.45	J4-85
4062	2796.81	7753.20	J4-86
4063	2791.57	7769.14	J4-87
4064	2780.39	7819.80	J4-88
4065	2765.09	7859.80	NO NUMBER
4066	2723.58	7866.70	J4-90
4067	2681.06	7858.74	J4-91
4068	2647.83	7887.49	J4-92
4069	2621.68	7887.35	94-E
4070	2607.39	7866.46	94-D
4071	2600.49	7854.31	94-C
4072	2590.22	7875.02	94-B
4073	2589.58	7897.81	94-A
4074	2576.92	7948.33	4-94
4075	2541.76	7938.75	J4-95F
4076	2508.84	7967.83	J4-95E
4077	2493.59	7940.23	J4-95D
4078	2478.28	7939.42	J4-95C
4079	2464.37	7962.16	J4-95B
4080	2495.55	7965.67	J4-95A
4081	2514.35	7981.35	J4-95
4082	2382.98	8107.29	J4-97
4083	2344.87	8142.19	J4-98
4084	2334.08	8149.15	J4-99
4085	2322.45	8140.93	J4-100
4086	2319.51	8146.39	J4-101
4087	2319.99	8152.18	J4-102
4088	2266.66	8207.45	J4-103
4089	2251.29	8239.11	J4-104
4091	2759.88	6525.20	J4-125
4092	2749.50	6489.04	J4-126
4093	2704.73	6472.69	J4-127
4094	2708.47	6524.96	J4-128
4095	2721.55	6546.24	J4-129
4096	2671.30	6535.58	J4-130
4097	2635.15	6540.14	J-4-141
4102	2695.73	6735.55	J4-218
4103	2710.73	6741.97	J4-217
4104	2705.12	6781.81	4-199
4105	2748.27	7131.90	4-198
4106	2796.56	7108.60	1-197
4107	2821.02	7117.14	1-196
4109	2891.31	7179.03	1-195
4390	2922.49	7134.62	4-194K
4391	2981.31	7123.88	4-194J
4392	3016.98	7136.05	4-194I
4393	3062.10	7138.35	4-194H
4394	3042.43	7195.33	4-194F
4395	3034.70	7224.18	4-194E
4396	3024.82	7209.49	4-194D
4397	3028.60	7200.33	4-194C
4398	2990.90	7202.25	4-194B
4399	2944.21	7219.58	4-194A
4818	2888.32	7216.13	1-193
4836	2848.79	7186.80	1-192
4837	2802.47	7176.56	1-191
4838	2708.07	7213.57	1-189
4840	2706.22	7177.14	1-188
4899	2657.22	7176.39	1-187
4900	2559.99	7133.05	1-185
4901	2520.71	7129.17	1-184
4902	2474.15	7124.71	1-183
4903	2454.63	7162.11	1-182
5030	2088.56	7141.34	1-159
5031	1697.57	8068.18	1-136
5034	1683.37	7911.98	1-141
5041	4630.14	6695.59	3-34
5042	4620.38	6697.38	3-35
5043	4613.42	6703.84	3-36
5044	4842.86	6550.60	3-11
5045	5039.65	6249.66	T1-C33
5046	5266.08	6251.23	T1-2
5047	5219.96	6256.60	T1-3
5048	5173.92	6255.37	T1-4
5049	5129.54	6259.70	T1-5
5050	5091.89	6257.51	T1-6
5051	5043.97	6260.49	T1-7
5052	5003.24	6263.77	T1-8
5053	4960.85	6265.60	T1-9
5054	4916.84	6265.43	T1-10
5055	4876.14	6265.17	T1-11
5056	4817.67	6269.77	T1-12
5057	4775.94	6269.43	T1-13
5058	4722.69	6274.57	T1-14
5059	4665.54	6277.36	T1-15
5060	4596.55	6277.76	T1-16
5061	4541.96	6280.33	T1-17
5062	4482.42	6282.31	T1-18
5063	4408.81	6284.36	T1-19
5064	4342.16	6288.37	T1-20
5065	4345.19	6260.68	T1-21
5066	4375.06	6277.59	T1-22
5067	4405.64	6278.45	T1-23
5068	4237.12	6513.50	4-29
5069	4822.08	6588.24	3-17
5070	4279.49	5499.75	42-27
5071	4275.69	5521.58	42-26
5072	4286.03	5531.08	42-22
5073	4286.67	5531.36	42-21
5080	4293.02	5545.34	42-21
5081	4293.58	5558.16	42-20
5082	4280.07	5563.34	42-19
5083	4272.12	5581.09	42-18
5084	4249.63	5579.49	42-17
5085	4242.28	5591.58	42-16
5086	4245.83	5607.68	42-15
5087	4326.33	5457.11	44-1
5088	4340.43	5474.19	44-2
5089	4360.08	5519.53	44-3
5090	4330.83	5533.03	44-4
5091	4403.81	5580.59	44-5
5092	4403.84	5580.40	44-6
5161	5351.34	6553.89	I-1
5162	5313.17	6545.54	I-2
5163	5283.64	6529.90	I-3
5164	5261.02	6530.77	I-4
5165	5241.43	6545.29	I-5
5166	5242.70	6522.40	I-6
5167	5175.90	6534.78	I-9
5168	5140.90	6555.31	I-10
5169	5128.94	6590.57	I-11
5170	5091.72	6624.34	I-12
5171	5064.24	6656.51	I-13
5172	5028.02	6705.71	I-14
5173	5015.52	6701.52	I-15
5174	4985.17	6720.72	I-16
5175	4923.78	6756.66	I-18
5176	4925.80	6774.57	I-19
5177	4937.70	6760.53	I-20
5178	4965.76	6750.16	I-21
5179	4974.90	6742.33	I-22
5180	4985.68	6741.40	I-23
5181	4990.97	6746.21	I-24
5182	4990.70	6763.85	I-25
5183	4965.52	6782.82	I-26
5184	4958.77	6799.38	I-27
5185	4944.79	6800.91	I-28
5186	4955.72	6818.64	I-29
5187	4978.52	6820.12	I-30
5188	5002.96	6824.61	I-31
5189	5020.18	6840.72	I-32
5190	5048.48	6843.93	I-33
5191	5079.34	6836.96	I-34
5192	5120.96	6830.40	I-35
5193	5152.95	6821.29	I-36
5194	5180.49	6810.19	I-37
5195	5206.16	6827.85	I-38
5196	5233.58	6825.87	I-39
5197	5252.43	6819.02	I-40
5198	5287.48	6823.86	I-41
5199	5331.33	6824.01	I-42
5200	5376.66	6831.41	I-43
5201	5377.67	6874.77	I-45
5202	5371.72	6893.39	I-46
5203	5369.07	6917.21	I-47
5204	5366.39	6948.36	I-48
5205	5351.98	6970.70	I-49
5206	5316.50	6948.77	I-50
5207	5276.09	6911.32	I-51
5208	5260.49	6892.20	I-52
5209	5237.88	6886.75	I-53
5210	5215.14	6882.70	I-54
5211	5185.34	6879.07	I-55
5212	5160.62	6879.44	I-56
5213	5148.88	6887.57	I-57
5214	5153.61	6900.91	I-58
5215	5142.67	6924.17	I-59
5216	5121.10	6958.76	I-60
5217	5106.75	7003.32	I-62
5218	5146.36	7023.58	I-63
5219	5126.51	7039.06	I-64
5220	5104.26	7021.22	I-65
5221	5064.18	7003.94	I-66
5222	5036.79	6997.64	I-67
5223	4993.43	6993.05	I-68
5224	4948.00	6992.22	I-69
5225	4958.18	6972.24	I-71
5226	4967.27	6962.36	I-72
5227	4955.73	6954.05	I-73
5228	4930.33	6947.90	I-74
5250	4902.49	6942.65	I-75
5251	4873.55	6938.05	I-76
5252	4845.21	6950.94	I-77
5253	4861.98	6973.29	I-78
5254	4860.55	6976.96	I-79
5255	4837.86	6967.55	I-80
5256	4810.81	6978.72	I-81
5257	4784.33	6977.82	I-82
5258	4730.50	7034.24	I-83
5259	4682.10	7056.99	I-84
5260	4631.63	7050.47	I-85
5261	4646.58	7039.92	I-86
5262	4593.25	7011.61	I-87
5263	4586.88	6968.53	I-88
5264	4572.20	6908.86	I-89
5265	4568.60	6880.16	I-90
5266	4544.49	6847.33	I-91
5267	4547.06	6802.52	I-92
5268	4546.97	6774.13	I-93
5269	4541.97	6741.13	I-94
5270	4534.97	6739.06	I-95
5271	4525.76	6741.21	I-96
5272	4529.64	6778.30	I-97
5273	4537.12	6806.30	I-98
5274	4544.03	6840.16	I-99
5275	4559.43	6885.69	I-100
5276	4560.27	6935.63	I-101
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5290	4606.09	7417.81	I-115
5291	4636.30	7435.25	I-116
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5294	4683.02	7387.21	I-115C
5295	4665.67	7438.77	I-115D
5296	4641.10	7459.46	I-118
5297	4632.46	7483.37	I-119
5318	4283.90	7027.74	4-4
5319	4296.16	6971.96	4-3
5320	4305.33	6939.83	4-2
5321	4312.16	6912.20	4-1
5322	3526.88	5941.00	4-54
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5324	3596.16	5971.96	4-52
5325	3609.06	5947.09	4-51
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5327	3698.75	6592.87	4-21
5328	3706.88	6591.00	4-54
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5330	4815.10	6542.68	3-12
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5374	4416.97	6860.51	3-62
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5403	3807.60	6384.72	3-88
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5407	3715.57	6295.18	3-91
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5418	3988.16	6148.13	3-107
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7698	5184.69	6234.99	J33-22
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7802	4323.38	5459.22	J42-34
7814	4225.86	5525.62	J43-1
7815	4245.17	5533.23	J43-2
7816	4246.54	5544.43	J43-4
7817	4237.88	5553.84	J43-5
7818	4248.44	5540.19	NO-J3
7822	4274.48	5614.57	J42-14
7823	4270.42	5633.69	J42-13
7824	4275.54	5662.80	J42-12
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7830	4385.54	5707.61	J42-6
7831	4399.36	5744.96	J42-5
7832	4422.69	5756.76	J42-4
7833	4470.57	5768.16	J42-3
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7876	4002.51	5803.48	J51-34
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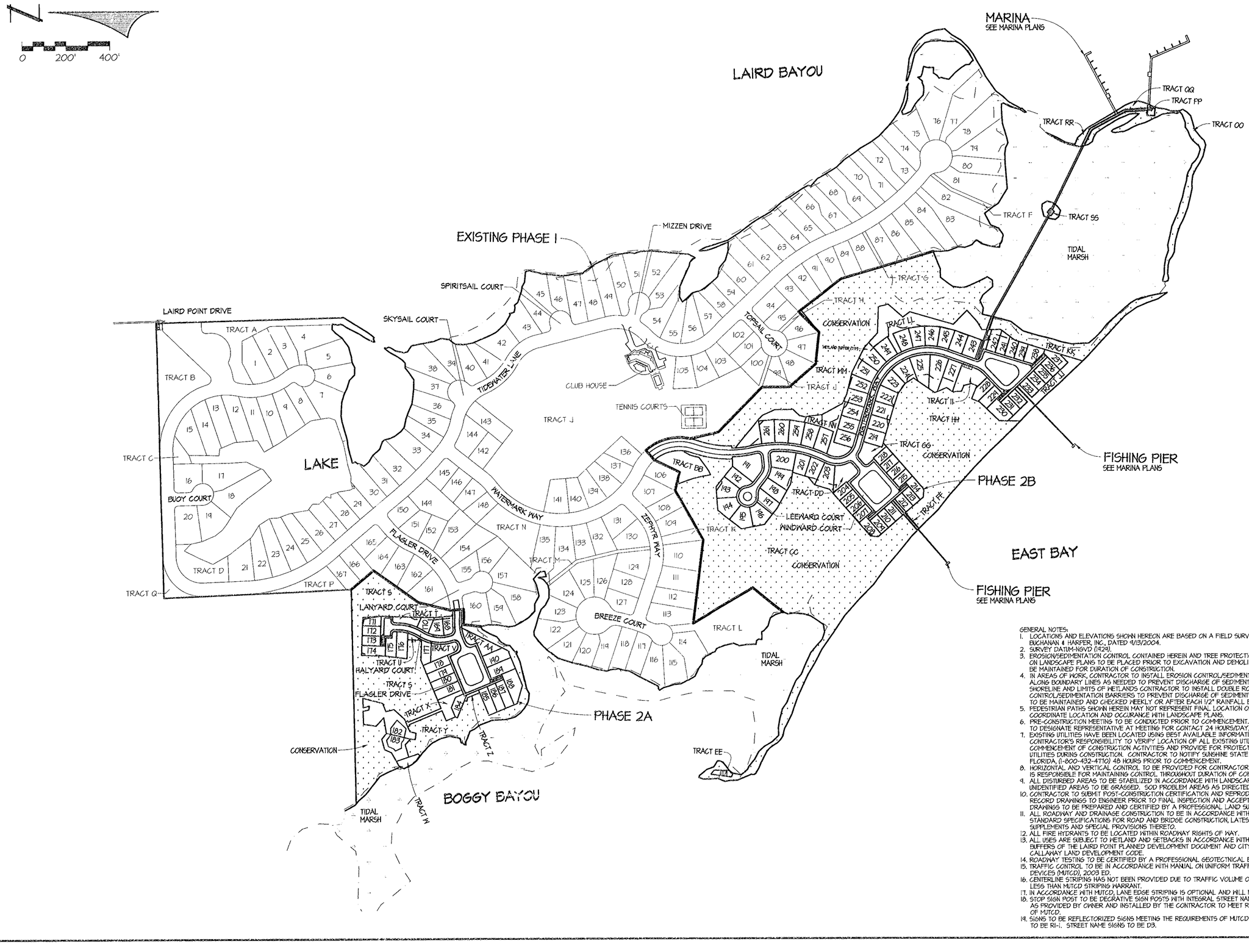

GENERAL NOTES:

1. LOCATIONS AND ELEVATIONS SHOWN HEREON ARE BASED ON A FIELD SURVEY BY BUCHANAN & HARPER, INC., DATED 4/13/2004.
2. SURVEY DATUM-NGVD (1929).
3. EROSION/SEDIMENTATION CONTROL CONTAINED HEREIN AND TREE PROTECTION SHOWN ON LANDSCAPE PLANS TO BE PLACED PRIOR TO EXCAVATION AND DEMOLITION. DEVICES TO BE MAINTAINED FOR DURATION OF CONSTRUCTION.
4. IN AREAS OF WORK, CONTRACTOR TO INSTALL EROSION CONTROL/SEDIMENTATION BARRIER ALONG BOUNDARY LINES AS NEEDED TO PREVENT DISCHARGE OF SEDIMENTS. IN AREAS OF SHORELINE AND LIMITS OF WETLANDS CONTRACTOR TO INSTALL DOUBLE ROW OF EROSION CONTROL/SEDIMENTATION BARRIERS TO PREVENT DISCHARGE OF SEDIMENTS. BARRIERS TO BE MAINTAINED AND CHECKED WEEKLY OR AFTER EACH 1/2" RAINFALL EVENT.
5. PEDESTRIAN PATHS SHOWN HEREIN MAY NOT REPRESENT FINAL LOCATION OR OCCURANCE. COORDINATE LOCATION AND OCCURANCE WITH LANDSCAPE PLANS.
6. PRE-CONSTRUCTION MEETING TO BE CONDUCTED PRIOR TO COMMENCEMENT. CONTRACTOR TO DESIGNATE REPRESENTATIVE AT MEETING FOR CONTACT 24 HOURS/DAY, 7 DAYS/WEEK.
7. EXISTING UTILITIES HAVE BEEN LOCATED USING BEST AVAILABLE INFORMATION. IT IS CONTRACTOR'S RESPONSIBILITY TO VERIFY LOCATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES AND PROVIDE FOR PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. CONTRACTOR TO NOTIFY SUNSHINE STATE ONE CALL OF FLORIDA, (1-800-432-4770) 48 HOURS PRIOR TO COMMENCEMENT.
8. HORIZONTAL AND VERTICAL CONTROL TO BE PROVIDED FOR CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING CONTROL THROUGHOUT DURATION OF CONSTRUCTION.
9. ALL DISTURBED AREAS TO BE STABILIZED IN ACCORDANCE WITH LANDSCAPE PLANS. UNIDENTIFIED AREAS TO BE GRASSED. SOD PROBLEM AREAS AS DIRECTED BY OWNER.
10. CONTRACTOR TO SUBMIT POST-CONSTRUCTION CERTIFICATION AND REPRODUCIBLE RECORD DRAWINGS TO ENGINEER PRIOR TO FINAL INSPECTION AND ACCEPTANCE. RECORD DRAWINGS TO BE PREPARED AND CERTIFIED BY A PROFESSIONAL LAND SURVEYOR.
11. ALL ROADWAY AND DRAINAGE CONSTRUCTION TO BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, SUPPLEMENTS AND SPECIAL PROVISIONS THERETO.
12. ALL FIRE HYDRANTS TO BE LOCATED WITHIN ROADWAY RIGHTS OF WAY.
13. ALL USES ARE SUBJECT TO WETLAND AND SETBACKS IN ACCORDANCE WITH SECTION 5.6 BUFFERS OF THE LAIRD POINT PLANNED DEVELOPMENT DOCUMENT AND CITY OF CALLAWAY LAND DEVELOPMENT CODE.
14. ROADWAY TESTING TO BE CERTIFIED BY A PROFESSIONAL GEOTECTNICAL ENGINEER.
15. TRAFFIC CONTROL TO BE IN ACCORDANCE WITH MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2003 ED.
16. CENTERLINE STRIPING HAS NOT BEEN PROVIDED DUE TO TRAFFIC VOLUME OF ROADS BEING LESS THAN MUTCD STRIPING NARRANT.
17. IN ACCORDANCE WITH MUTCD, LANE EDGE STRIPING IS OPTIONAL AND WILL NOT BE PROVIDED.
18. STOP SIGN POST TO BE DECRATIVE SIGN POSTS WITH INTEGRAL STREET NAME SIGNS AS PROVIDED BY OWNER AND INSTALLED BY THE CONTRACTOR TO MEET REQUIREMENTS OF MUTCD.
19. SIGNS TO BE REFLECTORIZED SIGNS MEETING THE REQUIREMENTS OF MUTCD. STOP SIGNS TO BE R1-1. STREET NAME SIGNS TO BE D3.

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-7421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com

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GREGORY HURST LICENSE NO. 68913 STATE OF FLORIDA PROFESSIONAL ENGINEER
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 88°49'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - N&G BENCHMARK F 280 ELEVATION = 39.266'

MASTER PLAN
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

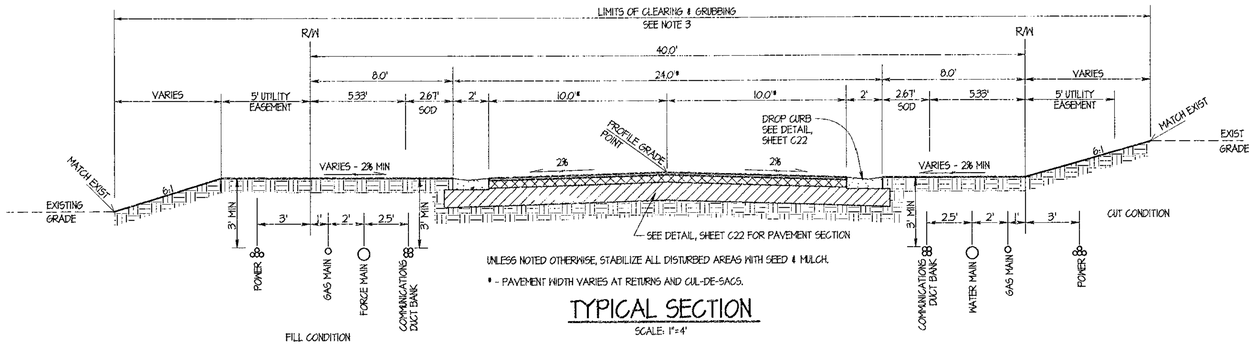
SCALE: H: 1"=200' V: N/A
JOB # 4682A FILE # E-2649
PLOTTED Jan 7, 2013 9:58AM
ISSUED 12/01/12 FOR PERMIT

C-1

SHEET 1 OF 31

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 4682A

03-0845341-005-SI

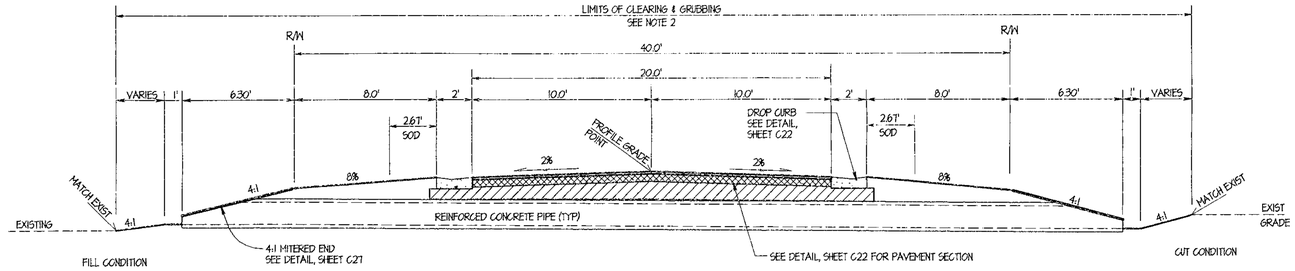


UNLESS NOTED OTHERWISE, STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH.

* - PAVEMENT WIDTH VARIES AT RETURNS AND CUL-DE-SACS.

TYPICAL SECTION

SCALE: 1"=4'

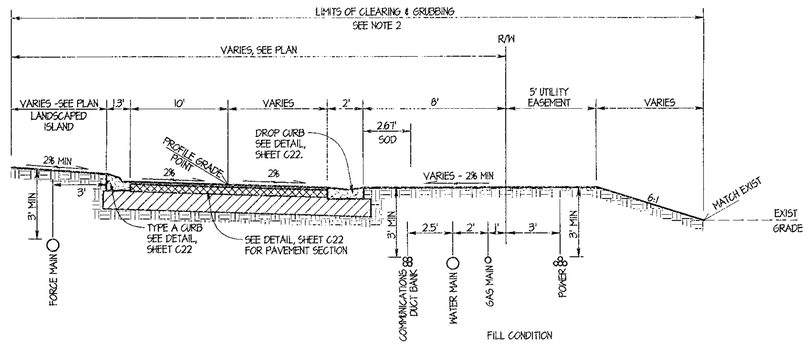


UNLESS NOTED OTHERWISE, STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH.

FLAGLER DRIVE - STA 10+38±

TYPICAL SECTION @ CULVERT CROSSINGS WITH MITERED ENDS

SCALE: 1"=4'



UNLESS NOTED OTHERWISE, STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH.

FLAGLER DRIVE - STA 12+00.13 TO STA 16+73.25
WATERMARK WAY - STA 42+66.12 TO STA 47+88.71
WINDWARD COURT - STA 57+00.30 TO STA 62+09.42

SQUARE TYPICAL SECTION

SCALE: 1"=4'

NOTES:
1. DRIVEWAYS TO BE INSTALLED IN ACCORDANCE WITH DETAILS, SHEET C24, BY INDIVIDUAL LOT OWNERS UPON DEVELOPMENT OF LOT.
2. WIDTH OF CLEARING AND GRUBBING WILL VARY DEPENDING UPON CUT AND FILL. PAY ITEM CLEARING AND GRUBBING WILL BE BASED ON WIDTH FOR ROAD ROW.
3. WIDTH ADJACENT TO WETLANDS SHALL BE NOT MORE THAN 4 FEET. VARY SLOPE TO MATCH EXISTING WITHIN 4 FEET. IF SLOPE TO MATCH IS STEEPER THAN 4:1, NOTIFY ENGINEER.
4. WIDTH ADJACENT TO WETLANDS SHALL BE NOT MORE THAN 5 FEET. VARY SLOPE TO MATCH EXISTING WITHIN 5 FEET. IF SLOPE TO MATCH IS STEEPER THAN 4:1, NOTIFY ENGINEER.
5. CUT OR FILL CONDITIONS MAY OCCUR ON EITHER SIDE OF ROADWAY. MIRROR AS REQUIRED.
6. SEED & MULCH TO EXTEND TO LIMITS OF MATCH SLOPE.
7. UTILITY LOCATIONS SHOWN HEREON ARE TYPICAL DISTANCES TO ROW AND MAY OCCUR ON EITHER SIDE OF ROAD. SEE PLAN FOR SIDE DIRECTION.

REVISIONS

DESCRIPTION	BY	DATE

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
1135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-7421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com

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STATE OF FLORIDA
TIMOTHY M. HURST
LICENSE NO. 67573
PROFESSIONAL ENGINEER
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK F 290
ELEVATION = 33.268'

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 1682A

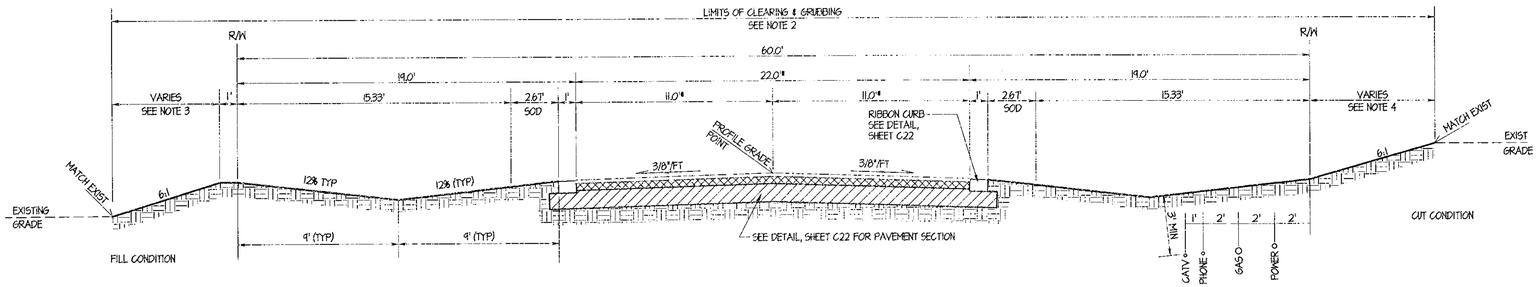
TYPICAL SECTIONS
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H: AS NOTED V: N/A
JOB # 1682A FILE # E-2647
PLOTTED Jan 7, 2013 10:01AM
ISSUED 12/01/12 FOR PERMIT

C2

SHEET 2 OF 31

03-0947 Bath 05 St

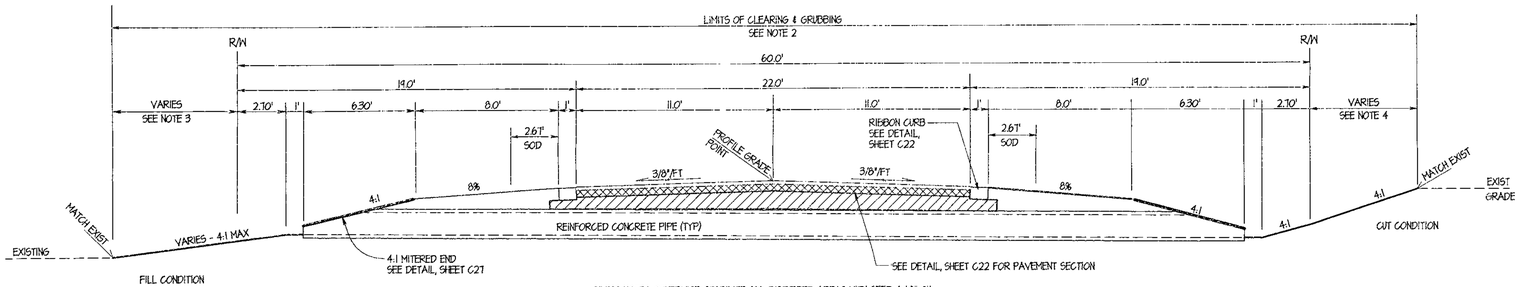


UNLESS NOTED OTHERWISE, STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH.

WATERMARK WAY - STA 24+00.00 TO STA 27+92.96

TYPICAL SECTION

SCALE: 1"=4'

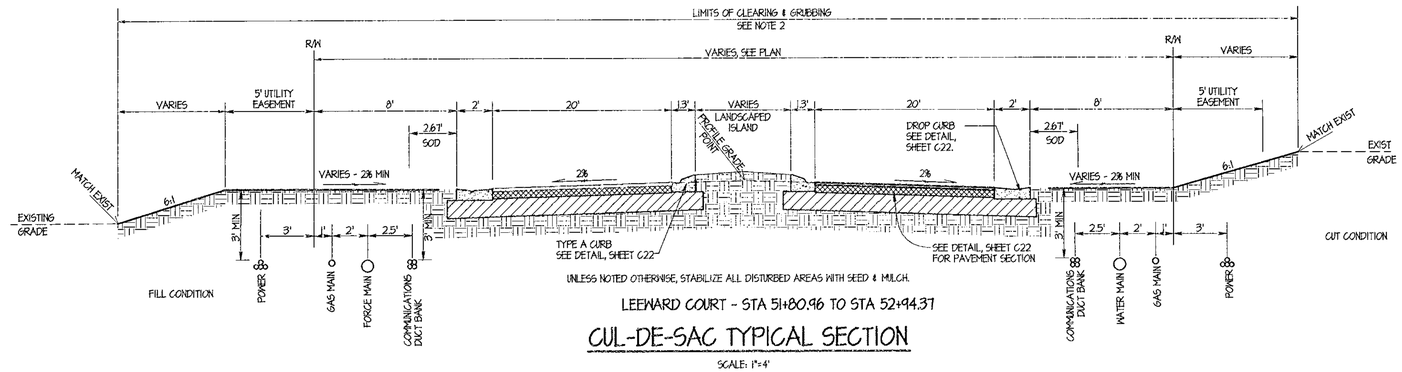


UNLESS NOTED OTHERWISE, STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH.

WATERMARK WAY - STA 26+95±

TYPICAL SECTION @ CULVERT CROSSINGS WITH MITERED ENDS

SCALE: 1"=4'



UNLESS NOTED OTHERWISE, STABILIZE ALL DISTURBED AREAS WITH SEED & MULCH.

LEEWARD COURT - STA 51+80.96 TO STA 52+94.37

CUL-DE-SAC TYPICAL SECTION

SCALE: 1"=4'

NOTES:
1. DRIVEWAYS TO BE INSTALLED IN ACCORDANCE WITH DETAILS, SHEET C24, BY INDIVIDUAL LOT OWNERS UPON DEVELOPMENT OF LOT.
2. WIDTH OF CLEARING AND GRUBBING WILL VARY DEPENDING UPON CUT AND FILL. PAY ITEM CLEARING AND GRUBBING WILL BE BASED ON WIDTH FOR ROAD ROW.
3. WIDTH ADJACENT TO WETLANDS SHALL BE NOT MORE THAN 4 FEET. VARY SLOPE TO MATCH EXISTING WITHIN 4 FEET. IF SLOPE TO MATCH IS STEEPER THAN 4:1, NOTIFY ENGINEER.
4. WIDTH ADJACENT TO WETLANDS SHALL BE NOT MORE THAN 5 FEET. VARY SLOPE TO MATCH EXISTING WITHIN 5 FEET. IF SLOPE TO MATCH IS STEEPER THAN 4:1, NOTIFY ENGINEER.
5. CUT OR FILL CONDITIONS MAY OCCUR ON EITHER SIDE OF ROADWAY. MIRROR AS REQUIRED.
6. SEED & MULCH TO EXTEND TO LIMITS OF MATCH SLOPE.
7. UTILITY LOCATIONS SHOWN HEREON ARE TYPICAL DISTANCES TO ROW AND MAY OCCUR ON EITHER SIDE OF ROAD. SEE PLAN FOR SIDE DIRECTION.

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
1395 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-7421 FAX (850)784-2120 E-MAIL: mail@buchanan-harper.com

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JAMES HUNT HUNTER LICENSE No. 68813 STATE OF FLORIDA PROFESSIONAL ENGINEER 6-7-13

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W.

ELEVATION REF. NGVD - NGS BENCHMARK, F 230
ELEVATION = 33.268'

TYPICAL SECTIONS
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H: AS NOTED V. N/A
JOB # 3682A FILE # E-2649
PLOTTED Jan 7, 2013 10:00AM
ISSUED 12/01/12 FOR PERMIT

C3

SHEET 3 OF 31

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 3682A

03-15453-005-ST

I:\9600\9602A\9602 - Laird Point Phase 2\Permit\Construction Graphics\Plan\9602A.dwg

N

100' 50' 0

* - MINIMUM FINISHED FLOOR ELEVATIONS ARE BASED ON PROPOSED ELEVATIONS AND LIMITED COMPUTER MODELING OF THE ON-SITE STORMWATER SYSTEM FOR THE 25-YEAR AND 100-YEAR FLOOD EVENTS. THE FLOOR ELEVATIONS ARE NOT BASED ON AREA WIDE DRAINAGE STUDIES AND ARE NOT A GUARANTEE OF FLOOD PROTECTION DURING A SPECIFIC EVENT. LOT OWNERS ARE ADVISED TO CONSIDER THE FOLLOWING STORM SURGE ELEVATIONS, AS TAKEN FROM THE 1998 BAY COUNTY HURRICANE STORM TIDE ATLAS WHEN SETTING FINISHED FLOOR ELEVATIONS. THE STORM CATEGORY SURGE ELEVATIONS ARE BASED ON A WORST CASE MAXIMUMS OF MAXIMUM CONDITION.

STORM CATEGORY	APROX. RECURRENCE INTERVAL (YEARS)	STORM SURGE ELEVATION (NGVD)
I	5	4.3
II	20	6.3
III	50	8.2
IV	100	10.0
V	500	12.7

NOTES:
1. ALL ROW TO BE 40' IN WIDTH, TYPICAL. SEE TYPICAL SECTIONS, SHEET C2 & C3.
2. A REVIEW OF THE FLOOD INSURANCE RATE MAPS FOR BAY COUNTY, FLORIDA AND INCORPORATED AREAS, COMMUNITY PANEL NUMBERS 368 AND 431, EFFECTIVE DATE JUNE 2, 2009, INDICATES THAT THE PROPERTY SHOWN HEREON IS WITHIN ZONES A, AE (EL 7), AE (EL 8), & VE (EL 9).
3. PRESERVED WETLANDS SHOWN HEREON WILL BE PRESERVED IN PERPETUITY THROUGH A CONSERVATION EASEMENT.

FLOOD ZONE LEGEND

PROPOSED FLOOD ZONE A, NO BASED FLOOD ELEVATIONS DETERMINED (LANDWARD)

PROPOSED FLOOD ZONE AE (BASE FLOOD ELEVATION 7)

PROPOSED FLOOD ZONE AE (BASE FLOOD ELEVATION 8)

PROPOSED FLOOD ZONE VE, BASE FLOOD ELEVATION 9

PROPOSED FLOOD ZONE VE, BASE FLOOD ELEVATION 10 (WATERWARD)

LEGEND

EXISTING (EX)	PROPOSED (NEW)
	CONSERVATION
	EASEMENT LINE
	LIMITS OF CONSERVATION
	LIMITS OF TIDAL MARSH
	WETLAND BUFFER

℄ CURVE DATA

LINE	RADIUS	ARC	CHORD BEARING	DELTA	CHORD	TANGENT
C1	350.00'	46.15'	S84°33'18"W	1°34'08"	46.11'	23.41'
C2	200.00'	72.32'	S83°01'20"W	20°43'03"	71.92'	36.56'
C3	200.00'	18.00'	S70°05'05"W	5°09'21"	18.00'	9.01'
C4	35.00'	54.98'	S22°30'21"W	90°00'00"	49.50'	35.00'
C5	35.00'	54.98'	N67°29'39"W	90°00'00"	49.50'	35.00'
C6	35.00'	54.98'	N22°30'21"E	90°00'00"	49.50'	35.00'
C7	35.00'	54.98'	S67°29'38"E	90°00'00"	49.50'	35.00'
C8	167.07'	146.24'	N07°44'51"E	50°10'16"	141.66'	78.21'
C9	200.00'	101.06'	N17°29'55"E	30°40'18"	105.19'	54.85'

℄ LINE DATA

LINE	BEARING	DISTANCE
L1	S67°30'21"W	63.01'
L2	S22°29'38"E	7.50'
L3	S67°30'21"W	91.60'
L4	N22°29'39"W	35.00'
L5	N67°30'21"E	91.60'
L6	S22°29'38"E	27.50'
L7	N17°20'11"W	37.13'
L8	N02°04'47"E	83.50'

LOT	MINIMUM FINISHED FLOOR ELEVATION	LOT GRADING	LAND USE
168	8.00	TYPE A	RESIDENTIAL C
169	8.00	TYPE A	RESIDENTIAL C
170	8.00	TYPE A	RESIDENTIAL C
171	8.00	TYPE A	RESIDENTIAL C
172	8.00	TYPE A	RESIDENTIAL C
173	8.00	TYPE A	RESIDENTIAL C
174	8.00	TYPE A	RESIDENTIAL C
175	8.00	TYPE A	RESIDENTIAL C
176	8.00	TYPE A	RESIDENTIAL C
177	8.00	TYPE A	RESIDENTIAL C
178	8.00	TYPE A	RESIDENTIAL C
179	8.00	TYPE A	RESIDENTIAL C
180	8.00	TYPE A	RESIDENTIAL C
181	8.00	TYPE A	RESIDENTIAL C
182	8.00	TYPE B	RESIDENTIAL C
183	8.00	TYPE B	RESIDENTIAL C
184	8.00	TYPE A	RESIDENTIAL C
185	8.00	TYPE A	RESIDENTIAL C
186	8.00	TYPE A	RESIDENTIAL C
187	8.00	TYPE A	RESIDENTIAL C
188	8.00	TYPE A	RESIDENTIAL C
189	8.00	TYPE A	RESIDENTIAL C
190	8.00	TYPE A	RESIDENTIAL C

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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KENNETH J. HARPER, INC. PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 60813
CERTIFICATE OF AUTHORIZATION NO. 2312

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°49'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK F 290
ELEVATION = 93.266'

PHASE 2A SUBDIVISION PLAN
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H: 1"=50' V: N/A
JOB # 9602A FILE # E-2649
PLOTTED Jan 7, 2013 10:01AM
ISSUED 12/01/12 FOR PERMIT

C4

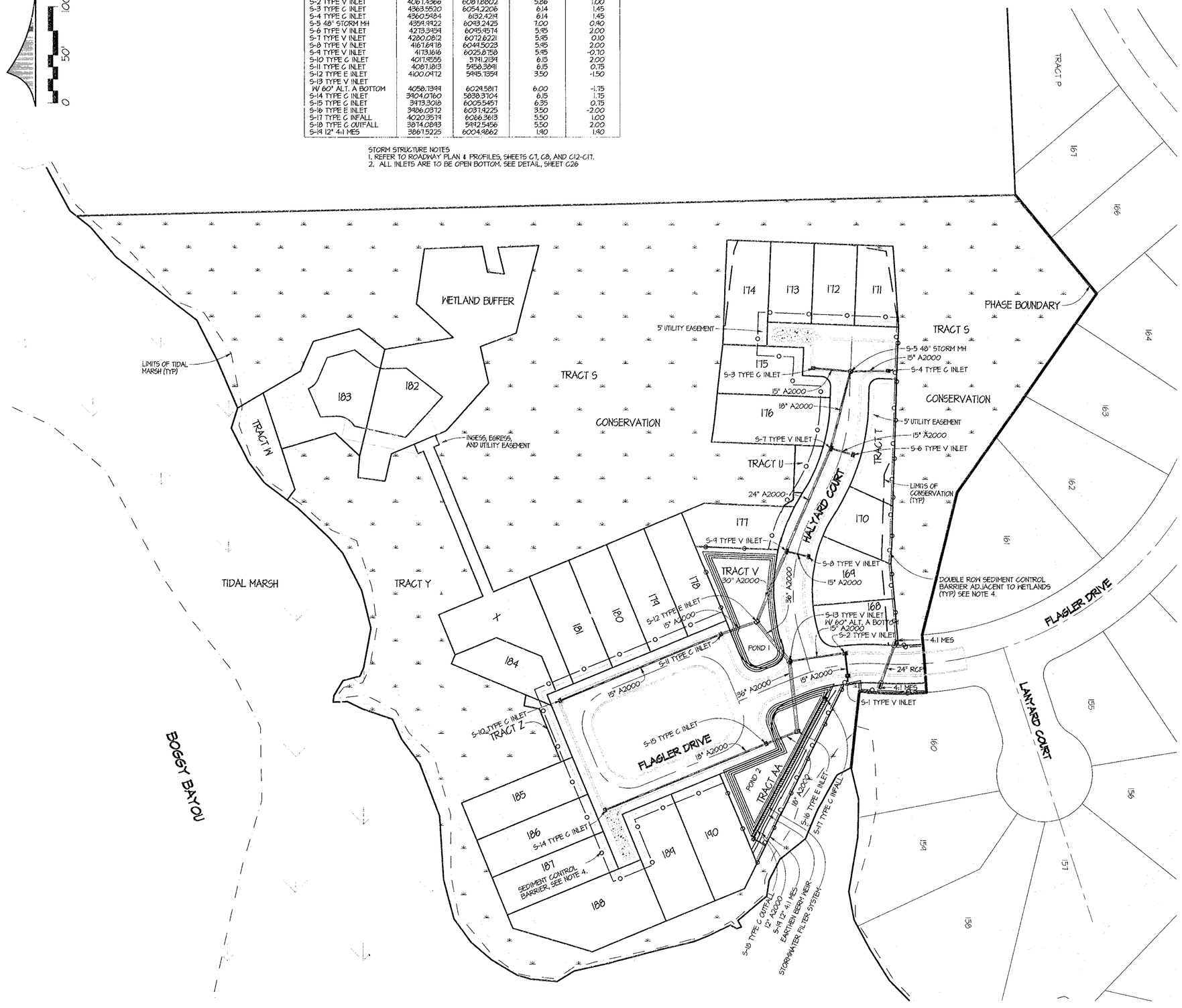
SHEET 4 OF 31

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9602A

03-0248334-005-SI

STORM STRUCTURE TABLE				
STRUCTURE	NORTHING	EASTING	GRATE/RIM EL	BOTTOM EL
S-1 TYPE V INLET	4043.3342	6040.5468	5.86	2.00
S-2 TYPE V INLET	4067.4366	6081.8802	5.86	1.00
S-3 TYPE C INLET	4363.5520	6054.2206	6.14	1.45
S-4 TYPE C INLET	4360.5484	6132.4211	6.14	1.45
S-5 48" STORM MH	4354.9422	6093.2425	7.00	0.90
S-6 TYPE V INLET	4213.3454	6095.9574	5.95	2.00
S-7 TYPE V INLET	4280.0812	6072.6221	5.95	0.10
S-8 TYPE V INLET	4161.6418	6044.5023	5.95	2.00
S-9 TYPE V INLET	4113.1616	6025.8758	5.95	-0.70
S-10 TYPE C INLET	4011.9555	5741.2134	6.15	2.00
S-11 TYPE C INLET	4081.1813	5958.3841	6.15	0.75
S-12 TYPE E INLET	4100.0472	5915.7359	3.50	-1.50
S-13 TYPE V INLET W/ 60" ALT. A BOTTOM	4058.7394	6029.5817	6.00	-1.75
S-14 TYPE C INLET	3904.0760	5838.3704	6.15	1.75
S-15 TYPE C INLET	3973.3018	6005.5451	6.35	0.75
S-16 TYPE E INLET	3936.0372	6031.4225	3.50	-2.00
S-17 TYPE C INFALL	4020.3574	6066.3613	5.50	1.00
S-18 TYPE C OUTFALL	3874.0843	5912.5456	5.50	2.00
S-19 12" 4:1 MES	3861.5225	6004.9862	1.90	1.90

STORM STRUCTURE NOTES
1. REFER TO ROADWAY PLAN & PROFILES, SHEETS C7, C8, AND C12-C17.
2. ALL INLETS ARE TO BE OPEN BOTTOM. SEE DETAIL, SHEET C26



LEGEND

EXISTING		PROPOSED (NEW)
-3-	CONTOUR	-3-
	WETLANDS	
	TIDAL MARSH	
	WETLAND BUFFER	
	WETLAND BUFFER	
	STORM PIPE	
	STORM INLET	
	MITERED END SECTION	

NOTES:
1. REFER TO PLAN & PROFILES, SHEETS C7 & C8, FOR STORMWATER STRUCTURE AND SEWER DETAILS
2. PROPOSED IMPROVEMENTS ARE SHADED FOR CLEARITY.
3. REFER TO PONDS 1 & 2 COORDINATE GEOMETRY, SHEET C19, AND GRADING DETAILS, SHEET C25, FOR POND DETAILS.
4. IN AREAS OF WORK, CONTRACTOR TO INSTALL EROSION CONTROL/SEDIMENTATION BARRIER ALONG LIMITS OF WORK AND BOUNDARY LINES TO PREVENT DISCHARGE OF SEDIMENTS. IN AREAS OF WORK ADJACENT TO SHORELINE AND LIMITS OF WETLANDS, CONTRACTOR TO INSTALL DOUBLE ROW OF EROSION CONTROL/SEDIMENTATION BARRIER.
5. EROSION CONTROL/SEDIMENTATION BARRIERS TO BE MAINTAINED AND CHECKED WEEKLY OR AFTER EACH 1/2" RAINFALL EVENT.
6. IN ACCORDANCE WITH REQUIREMENTS OF FDEP FOR STORMWATER MANAGEMENT, THE PERMITTEE SHALL BE RESPONSIBLE FOR CONSTRUCTION OF ALL PORTIONS OF STORMWATER MANAGEMENT SYSTEM REQUIRED TO SERVE EACH LOT, PRIOR TO BUILDING ON THE LOT OR RESALE OF THE INDIVIDUAL LOTS TO A THIRD PARTY.

POOR ORIGINAL

REVISIONS

DATE	BY	DESCRIPTION
01/08/07	JMH	MODIFIED SIDE BANK FILTER

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9682A

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
195 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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MORGAN HURST LICENSE No. 60813 STATE OF FLORIDA PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK: F 210
ELEVATION = 33.266'

PHASE 2A STORMWATER PLAN
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H. 1"=50' V. N/A
JOB # 9682A FILE # E-2644
PLOTTED Jan 7, 2013 10:02AM
ISSUED 12/01/12 FOR PERMIT

SHEET 5 OF 31

03-0476441-005-ST

LEGEND

EXISTING		PROPOSED (NEW)
—W—	WATER	—W—
—>—	FORCE MAIN	—▷—
	FH ASSEMBLY	
	GATE VALVE	
	AIR RELEASE VALVE	
- - - - -	LIMITS OF CONSERVATION	
	WETLAND BUFFER	
	EASEMENT LINE	
	ROW LINE	

NOTES:
1. FOR CENTERLINE/BASELINE ALIGNMENT DATA, SEE SHEET C4 AND PLAN & PROFILE SHEETS C7 & C8.
2. CONTRACTOR TO COORDINATE AND SCHEDULE TESTING AND SUBMITTAL REQUIREMENTS OF CITY OF CALLAWAY.
3. CONTRACTOR TO COORDINATE WITH OWNER AND UTILITY COMPANIES ON PLACEMENT OF CONDUIT IN THE ROW AND INSTALLATION OF UNDERGROUND POWER, GAS, TELEPHONE, AND CABLE TV. CONDUITS TO BE INSTALLED PRIOR TO BASE AND PAVEMENT. UTILITIES TO BE INSTALLED PRIOR TO FINAL GRADING AND VEGETATIVE STABILIZATION.
4. PRIOR TO CONSTRUCTION, CONTRACTOR TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH OWNER, OWNER'S ENGINEER, CITY OF CALLAWAY, GULF POWER, BELLSOUTH, CABLE TV SUPPLIER, AND ANY SUBCONTRACTORS.

UTILITY NOTES:
5. PVC WATER MAIN SHALL BE CLASS 150, DR 18 PVC, COLOR BLUE FOR POTABLE WATER, WITH BELL & SPIGOT JOINTS IN ACCORDANCE WITH AWWA C900. ALL PIPE, FITTINGS AND APPURTENANCES SHALL BE IN ACCORDANCE WITH SECTION 02113 OF THE PROJECT SPECIFICATIONS.
6. CONTRACTOR TO ADD FITTINGS TO ALL WATER LINES WHERE PIPE CURVE EXCEEDS MANUFACTURER'S SPECIFICATIONS.
7. PE WATER SERVICE PIPE SHALL BE CLASS 200 IN ACCORDANCE WITH AWWA C901. ALL PIPE, FITTINGS AND APPURTENANCES SHALL BE IN ACCORDANCE WITH AWWA C800 AND SECTION 02113 OF THE PROJECT SPECIFICATIONS. PIPE SHALL BE COLORED OR PLACED IN COLORED SLEEVE. COLOR BLUE FOR POTABLE WATER.
8. PVC FORCE MAIN SHALL BE SDR 21, COLOR GREEN OR BROWN, WITH BELL & SPIGOT JOINTS IN ACCORDANCE WITH ASTM D-2241. ALL PIPE, FITTINGS AND APPURTENANCES SHALL BE IN ACCORDANCE WITH SECTION 02730 OF THE PROJECT SPECIFICATIONS.
9. GLUED JOINT PIPE WILL NOT BE ALLOWED FOR THE WORK OF THESE DRAWINGS.
10. TESTING AND INSPECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE SCHEDULES CONTAINED HEREIN AND THE PROJECT SPECIFICATIONS.
11. DISINFECTION OF WATER MAINS SHALL BE IN ACCORDANCE WITH AWWA C651. BACTERIOLOGICAL TESTS SHALL BE TAKEN ON TWO CONSECUTIVE DAYS WITHIN 30 DAYS OF COMPLETION OF CONSTRUCTION AT CONNECTION POINTS TO THE EXISTING SYSTEM, AT ENDPOINTS OF THE NEW SYSTEM, AT MAIN LINE BRANCHES, AND AT EVERY 1200 FEET OF STRAIGHT RUN OF MAIN. CHLORINATED WATER USED FOR DISINFECTION SHALL NOT BE DISCHARGED OFF-SITE, TO STORM SEWERS, SANITARY SEWERS, OR WETLAND AREAS. CHLORINATED WATER SHALL BE DISPOSED OF BY DISCHARING TO GROUND SURFACE FOR PERCOLATION INTO THE UNDERLYING SOILS. CONTAINMENT BERMS SHALL BE CONSTRUCTED AS REQUIRED TO PREVENT DISCHARGE TO PROHIBITED AREAS.
12. WITHIN 30 DAYS OF COMPLETION OF THE WATER AND SEWER UTILITY SYSTEMS, THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS IN THE PRESENCE OF THE ENGINEER, PROVIDE COPIES OF ALL REQUIRED THIRD PARTY TEST RESULTS AND THE AS-BUILT SURVEY IN ACCORDANCE WITH SECTION 02000 OF THE PROJECT SPECIFICATIONS.
13. BEFORE AND AFTER DISINFECTION, WATER LINES SHALL BE FLUSHED IN ACCORDANCE WITH AWWA C-651 WHICH INCLUDE A MINIMUM FLUSHING VELOCITY OF 3.0 FEET PER SECOND AND A MINIMUM FLUSHING VOLUME OF 2.0 TIMES THE PIPE VOLUME.
14. DEFLECT PROPOSED WATER MAIN AND FORCE MAINS AS REQUIRED, REFER TO WATER DETAILS SHEET C26 FOR MAXIMUM ALLOWABLE BEND FOR PVC PIPES.

REVISIONS		
DATE	BY	DESCRIPTION

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9602A

BUCHANAN & HARPER, INC.
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FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
1351 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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BRENDAN J. HURST LICENSE NO. 67885 STATE OF FLORIDA PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK F 290 ELEVATION = 33.268'

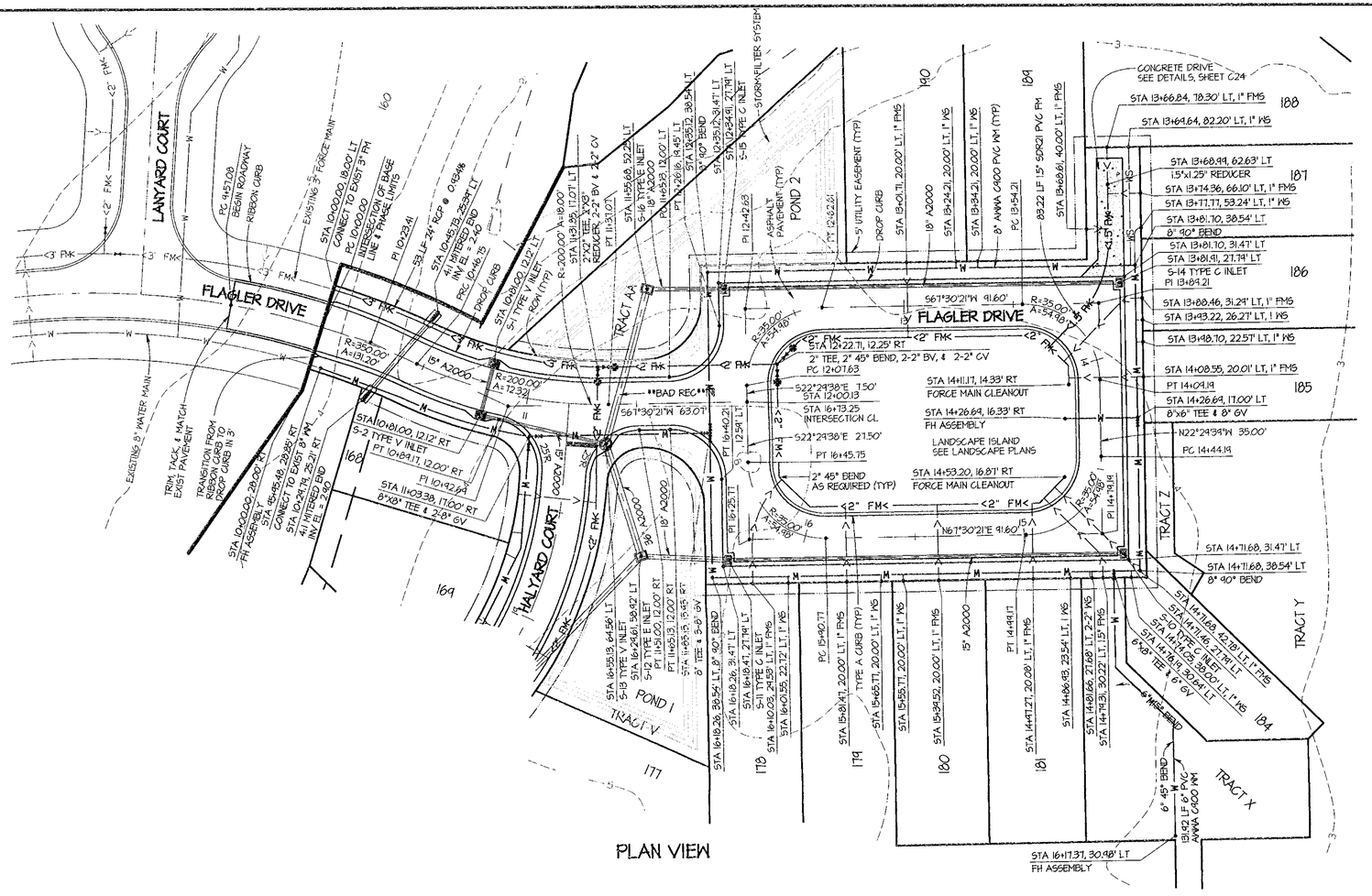
PHASE 2A UTILITY PLAN
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H. 1"=50' V. N/A
JOB # 9602A FILE # E-2641
PLOTTED Jan 7, 2013 10:02AM
ISSUED 12/01/12 FOR PERMIT

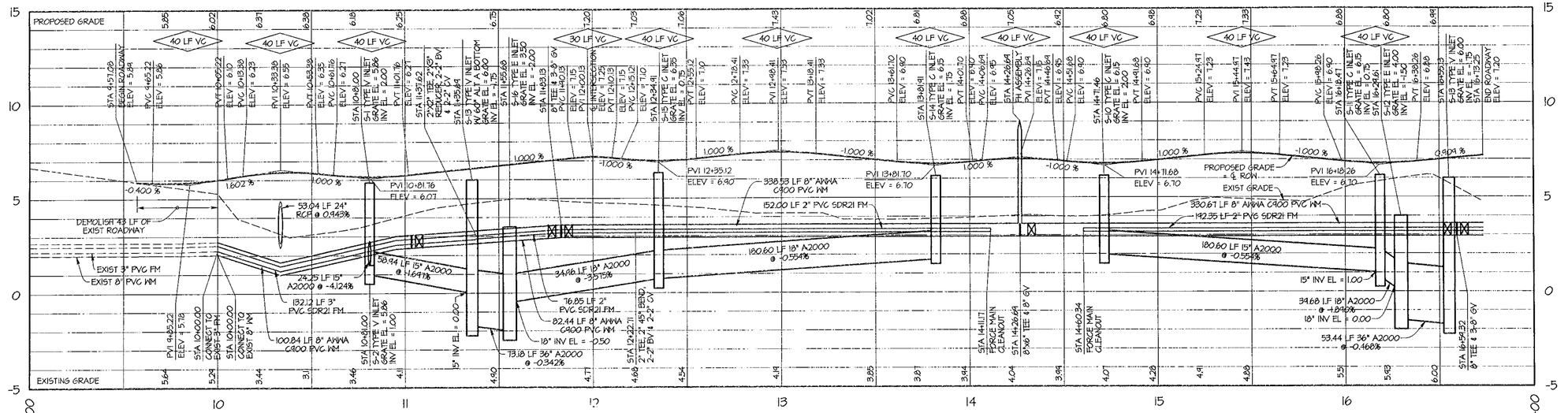
C6

SHEET 6 OF 31

03-0343324-005-SI



PLAN VIEW



PLAN VIEW

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-7421 FAX (850)784-2120 E-MAIL: mail@buchanan-harper.com

REVISIONS

DATE	BY	DESCRIPTION

SEAN M. HAGAN HURST LICENSE NO. 60813 STATE OF FLORIDA PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 89°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK F 240
ELEVATION = 33.266

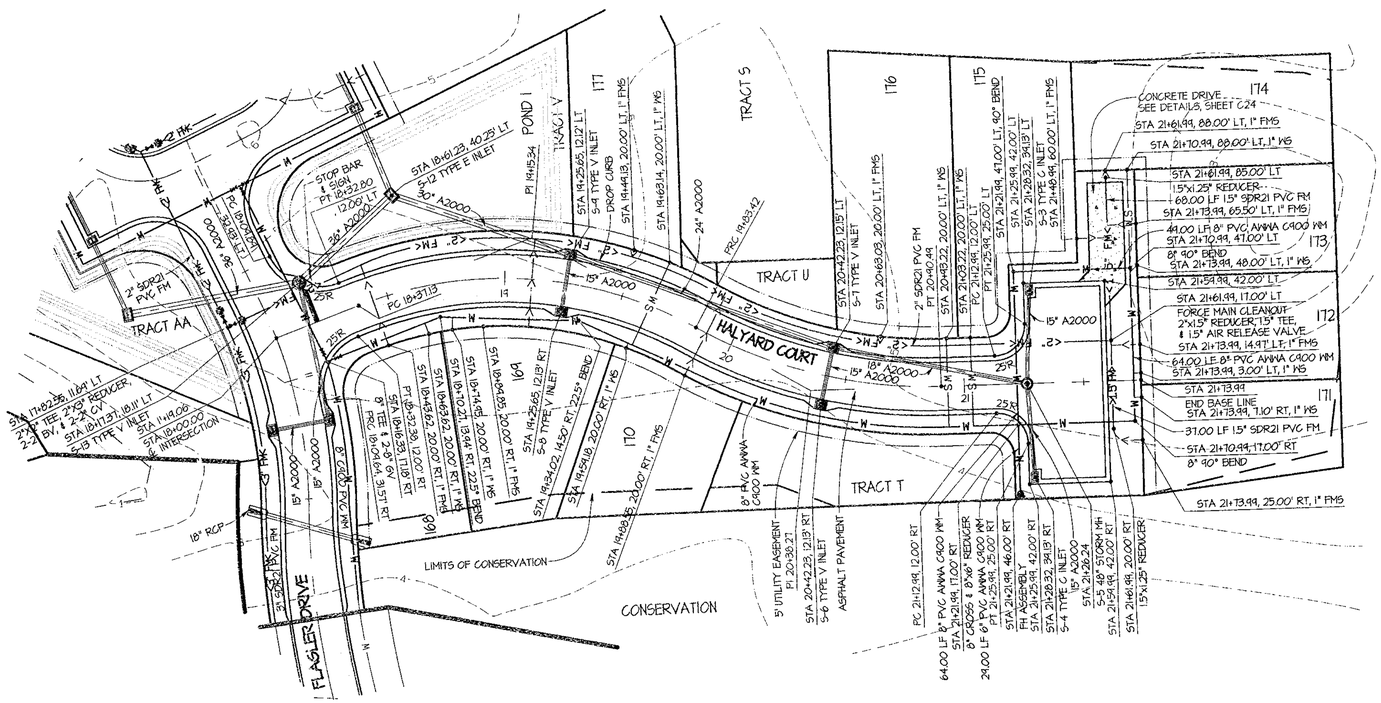
FLAGLER DRIVE PLAN & PROFILE
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE H. 1"=30' V. 1"=3'
JOB # 9602A FILE # E-2649
PLOTTED Jan 7, 2013 10:05AM
ISSUED 12/10/12 FOR PERMIT

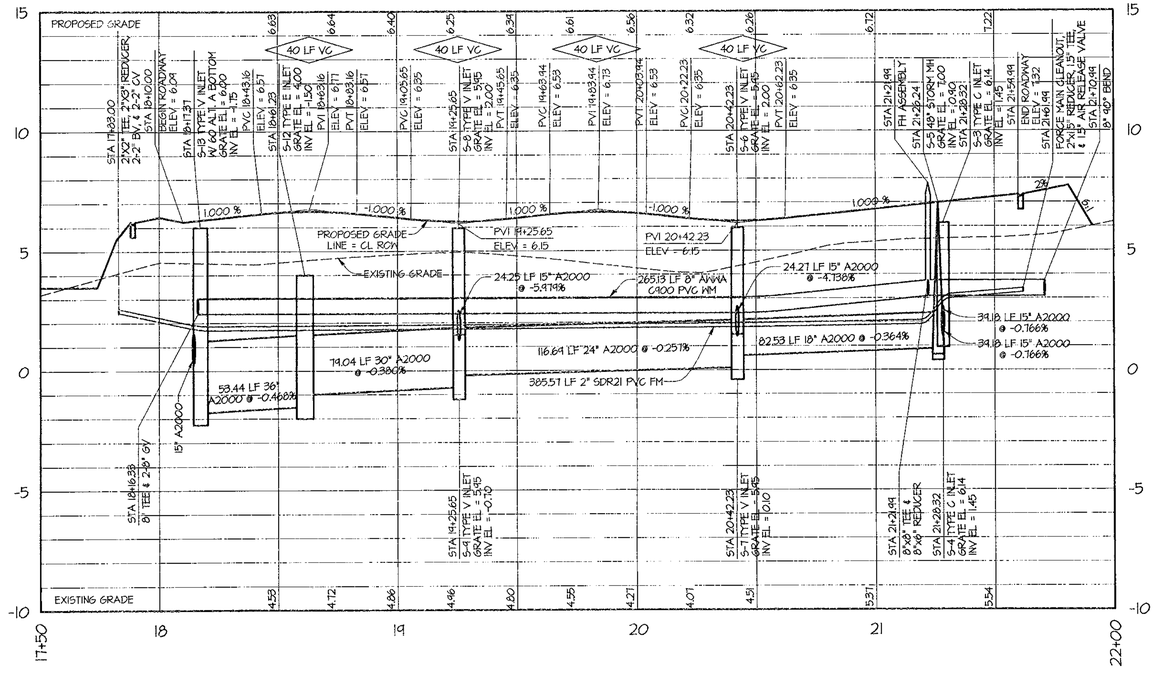
C7

SHEET 7 OF 31

03-62945241-005-SI



PLAN VIEW



PROFILE VIEW

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
1355 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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REVISIONS

DATE	BY	DESCRIPTION

STATE OF FLORIDA — BRIAN HURST — LICENSE No. 60815 — PROFESSIONAL ENGINEER — 6-7-13

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 89°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK F 240
ELEVATION = 33.269'

HALYARD COURT PLAN & PROFILE
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H. 1"=30' V. 1"=3'
JOB # 9682A FILE # E-2644
PLOTTED Jan 7, 2013 10:05AM
ISSUED 12/01/12 FOR PERMIT

C8

SHEET 8 OF 31

LAND POINT SUBDIVISION - PHASE 2 JOB NO. 9682A

03-0245340-005-SE

T:\9682A\Drawings\9682A - Land Pole Phase 2\Plans\Roads\Construction Sheets\C8 Halyard Court Plan & Profile.dwg

I:\2012\12002\Dwg\12002 - Laird Point Phase 2\Plans\Construction Plans\Ph 2 Plan 12002.dwg

0 80' 160'

* - MINIMUM FINISHED FLOOR ELEVATIONS ARE BASED ON PROPOSED ELEVATIONS AND LIMITED COMPUTER MODELING OF THE ON-SITE STORMWATER SYSTEM FOR THE 25-YEAR AND 100-YEAR FLOOD EVENTS. THE FLOOR ELEVATIONS ARE NOT BASED ON AREA WIDE DRAINAGE STUDIES AND ARE NOT A GUARANTEE OF FLOOD PROTECTION DURING A SPECIFIC EVENT. LOT OWNERS ARE ADVISED TO CONSIDER THE FOLLOWING STORM SURGE ELEVATIONS, AS TAKEN FROM THE 1988 BAY COUNTY HURRICANE STORM TIDE ATLAS WHEN SETTING FINISHED FLOOR ELEVATIONS. THE STORM CATEGORY SURGE ELEVATIONS ARE BASED ON A WORST CASE MAXIMUMS OF MAXIMUM CONDITION.

STORM CATEGORY	APROX. RECURRENCE INTERVAL (YEARS)	STORM SURGE ELEVATION (NGVD)
I	5	4.3
II	20	6.3
III	50	8.2
IV	100	10.0
V	500	12.1

NOTES:
1. ALL ROW TO BE 40' IN WIDTH, TYPICAL. SEE TYPICAL SECTIONS, SHEET C2 & C3.
2. A REVIEW OF THE FLOOD INSURANCE RATE MAPS FOR BAY COUNTY, FLORIDA AND INCORPORATED AREAS, COMMUNITY PANEL NUMBERS 368 AND 431, EFFECTIVE DATE JUNE 2, 2009, INDICATES THAT THE PROPERTY SHOWN HEREON IS WITHIN ZONES A, AE (EL. 7), AE (EL. 8), & VE (EL. 9).
3. PRESERVED WETLANDS SHOWN HEREON WILL BE PRESERVED IN PERPETUITY THROUGH A CONSERVATION EASEMENT.

FLOOD ZONE LEGEND

PROPOSED FLOOD ZONE A, NO BASE FLOOD ELEVATIONS DETERMINED (LANDWARD)

PROPOSED FLOOD ZONE AE (BASE FLOOD ELEVATION 7)

PROPOSED FLOOD ZONE AE (BASE FLOOD ELEVATION 8)

PROPOSED FLOOD ZONE VE, BASE FLOOD ELEVATION 9

PROPOSED FLOOD ZONE VE, BASE FLOOD ELEVATION 10 (WATERWARD)

LEGEND

EXISTING (EX)		PROPOSED (NEW)
	CONSERVATION	
	EASEMENT LINE	
	LIMITS OF CONSERVATION	
	LIMITS OF TIDAL MARSH	

MIZZEN DRIVE
TIDEWATER LANE
TOPSAIL COURT
TRACT H
TRACT J
TRACT LL 0.88 AC±
TRACT MM 11.06 AC±
CONSERVATION
WETLAND BUFFER (TYP)
TIDAL MARSH
LIMITS OF TIDAL MARSH (TYP)
TRACT KK 0.92 AC±
WATERMARK WAY
5' UTILITY EASEMENT
TRACT JJ 0.24 AC±
TRACT II 0.24 AC±
TRACT HH 4.78 AC±
CONSERVATION
TRACT GG 0.11 AC±
WINDARD COURT
LEEWARD COURT
TRACT DD 0.20 AC±
TRACT FF 0.06 AC±
TRACT CC 10.78 AC±
CONSERVATION
TRACT BB
TRACT K
ZEPHYR WAY
EAST BAY
FLOOD ZONE AE (ELEVATION 7)
FLOOD ZONE AE (ELEVATION 8)
FLOOD ZONE VE (ELEVATION 9)
FLOOD ZONE VE (ELEVATION 10)

℄ LINE DATA

LINE	BEARING	DISTANCE
L1	S73°24'45"E	259.30'
L2	S19°48'46"W	145.81'
L3	S46°08'24"W	94.00'
L4	S43°51'36"E	15.31'
L5	N16°57'12"E	136.53'
L6	N70°10'14"W	26.10'
L7	S83°22'38"W	76.03'
L8	N51°47'44"W	71.41'
L9	S48°58'20"W	100.30'
L10	S41°01'40"E	15.28'
L11	S48°58'20"W	89.60'
L12	N41°01'40"W	55.00'
L13	N48°58'20"E	89.60'
L14	S41°01'40"E	39.72'

℄ CURVE DATA

LINE	RADIUS	ARC	CHORD BEARING	DELTA	CHORD	TANGENT
C1	200.00'	213.12'	S11°14'27"E	61°03'20"	203.18'	117.94'
C2	500.00'	218.90'	S03°18'26"W	31°51'32"	217.24'	143.18'
C3	500.00'	52.74'	S04°38'51"E	6°02'58"	52.71'	26.42'
C4	500.00'	293.21'	S10°10'37"W	33°35'54"	289.03'	150.96'
C5	100.00'	118.64'	S01°01'32"E	68°00'17"	111.85'	67.46'
C6	100.00'	56.52'	S51°13'13"E	32°23'05"	55.77'	29.04'
C7	260.00'	423.12'	S26°41'30"E	93°14'31"	377.95'	275.14'
C8	120.00'	24.66'	S25°42'56"W	11°46'22"	24.61'	12.37'
C9	120.00'	30.45'	S38°52'16"W	14°32'17"	30.37'	15.31'
C10	35.00'	54.98'	S01°08'24"W	90°00'00"	49.50'	35.00'
C11	25.00'	52.01'	N16°32'48"E	119°11'12"	43.12'	42.80'
C12	35.00'	53.22'	N26°36'31"W	87°07'27"	48.24'	33.29'
C13	75.00'	58.66'	N14°12'34"W	44°49'31"	57.19'	30.93'
C14	35.00'	54.98'	S03°58'20"W	90°00'00"	49.50'	35.00'
C15	35.00'	54.98'	N86°01'40"W	90°00'00"	49.50'	35.00'
C16	35.00'	54.98'	N03°58'20"E	90°00'00"	49.50'	35.00'
C17	35.00'	54.98'	S86°01'40"E	90°00'00"	49.50'	35.00'

LOT	MINIMUM FINISHED FLOOR ELEVATION	LOT GRADING	LAND USE
191	8.00	TYPE A	RESIDENTIAL B
192	8.00	TYPE A	RESIDENTIAL B
193	8.00	TYPE A	RESIDENTIAL B
194	8.00	TYPE A	RESIDENTIAL B
195	8.00	TYPE A	RESIDENTIAL B
196	8.00	TYPE A	RESIDENTIAL B
197	8.00	TYPE A	RESIDENTIAL B
198	8.00	TYPE A	RESIDENTIAL B
199	8.00	TYPE A	RESIDENTIAL B
200	8.00	TYPE A	RESIDENTIAL B
201	8.00	TYPE A	RESIDENTIAL B
202	8.00	TYPE A	RESIDENTIAL B
203	8.00	TYPE A	RESIDENTIAL B
204	9.00	TYPE A	RESIDENTIAL C
205	9.00	TYPE A	RESIDENTIAL C
206	9.00	TYPE A	RESIDENTIAL C
207	9.00	TYPE A	RESIDENTIAL C
208	9.00	TYPE A	RESIDENTIAL C
209	9.00	TYPE A	RESIDENTIAL C
210	9.00	TYPE A	RESIDENTIAL C
211	9.00	TYPE A	RESIDENTIAL C
212	9.00	TYPE A	RESIDENTIAL C
213	9.00	TYPE A	RESIDENTIAL C
214	9.00	TYPE A	RESIDENTIAL C
215	9.00	TYPE A	RESIDENTIAL C

LOT	MINIMUM FINISHED FLOOR ELEVATION	LOT GRADING	LAND USE
216	9.00	TYPE A	RESIDENTIAL C
217	9.00	TYPE A	RESIDENTIAL C
218	9.00	TYPE A	RESIDENTIAL C
219	8.00	TYPE A	RESIDENTIAL B
220	8.00	TYPE A	RESIDENTIAL B
221	8.00	TYPE A	RESIDENTIAL B
222	8.00	TYPE A	RESIDENTIAL B
223	8.00	TYPE A	RESIDENTIAL B
224	8.00	TYPE A	RESIDENTIAL B
225	8.00	TYPE A	RESIDENTIAL B
226	8.00	TYPE A	RESIDENTIAL B
227	9.00	TYPE A	RESIDENTIAL B
228	9.00	TYPE A	RESIDENTIAL C
229	9.00	TYPE A	RESIDENTIAL C
230	11.50	TYPE A	RESIDENTIAL C
231	11.50	TYPE A	RESIDENTIAL C
232	11.50	TYPE A	RESIDENTIAL C
233	11.50	TYPE A	RESIDENTIAL C
234	11.50	TYPE A	RESIDENTIAL C
235	11.50	TYPE A	RESIDENTIAL C
236	11.50	TYPE A	RESIDENTIAL C
237	11.50	TYPE A	RESIDENTIAL C
238	9.00	TYPE A	RESIDENTIAL C
239	9.00	TYPE A	RESIDENTIAL C
240	9.00	TYPE A	RESIDENTIAL C

LOT	MINIMUM FINISHED FLOOR ELEVATION	LOT GRADING	LAND USE
241	9.00	TYPE A	RESIDENTIAL C
242	9.00	TYPE A	RESIDENTIAL C
243	9.00	TYPE B	RESIDENTIAL B
244	9.00	TYPE B	RESIDENTIAL B
245	8.00	TYPE B	RESIDENTIAL B
246	8.00	TYPE B	RESIDENTIAL B
247	8.00	TYPE B	RESIDENTIAL B
248	8.00	TYPE B	RESIDENTIAL B
249	8.00	TYPE B	RESIDENTIAL B
250	8.00	TYPE A	RESIDENTIAL B
251	8.00	TYPE A	RESIDENTIAL B
252	8.00	TYPE A	RESIDENTIAL B
253	8.00	TYPE A	RESIDENTIAL B
254	8.00	TYPE B	RESIDENTIAL B
255	8.00	TYPE B	RESIDENTIAL B
256	8.00	TYPE B	RESIDENTIAL B
257	8.00	TYPE B	RESIDENTIAL B
258	8.00	TYPE B	RESIDENTIAL B
259	8.00	TYPE B	RESIDENTIAL B
260	8.00	TYPE B	RESIDENTIAL B
261	8.00	TYPE B	RESIDENTIAL B

REVISIONS

DATE	BY	DESCRIPTION

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REGAN HURST LICENSE No. 67943 STATE OF Florida PROFESSIONAL ENGINEER

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 12002A

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF: N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF: NGVD - NGS BENCHMARK E 240 ELEVATION = 33.260'

PHASE 2B SUBDIVISION PLAN

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H. 1"=80' V. N/A

JOB # 9882A FILE # E-2649

PLOTTED Jn 7, 2013 10:07AM

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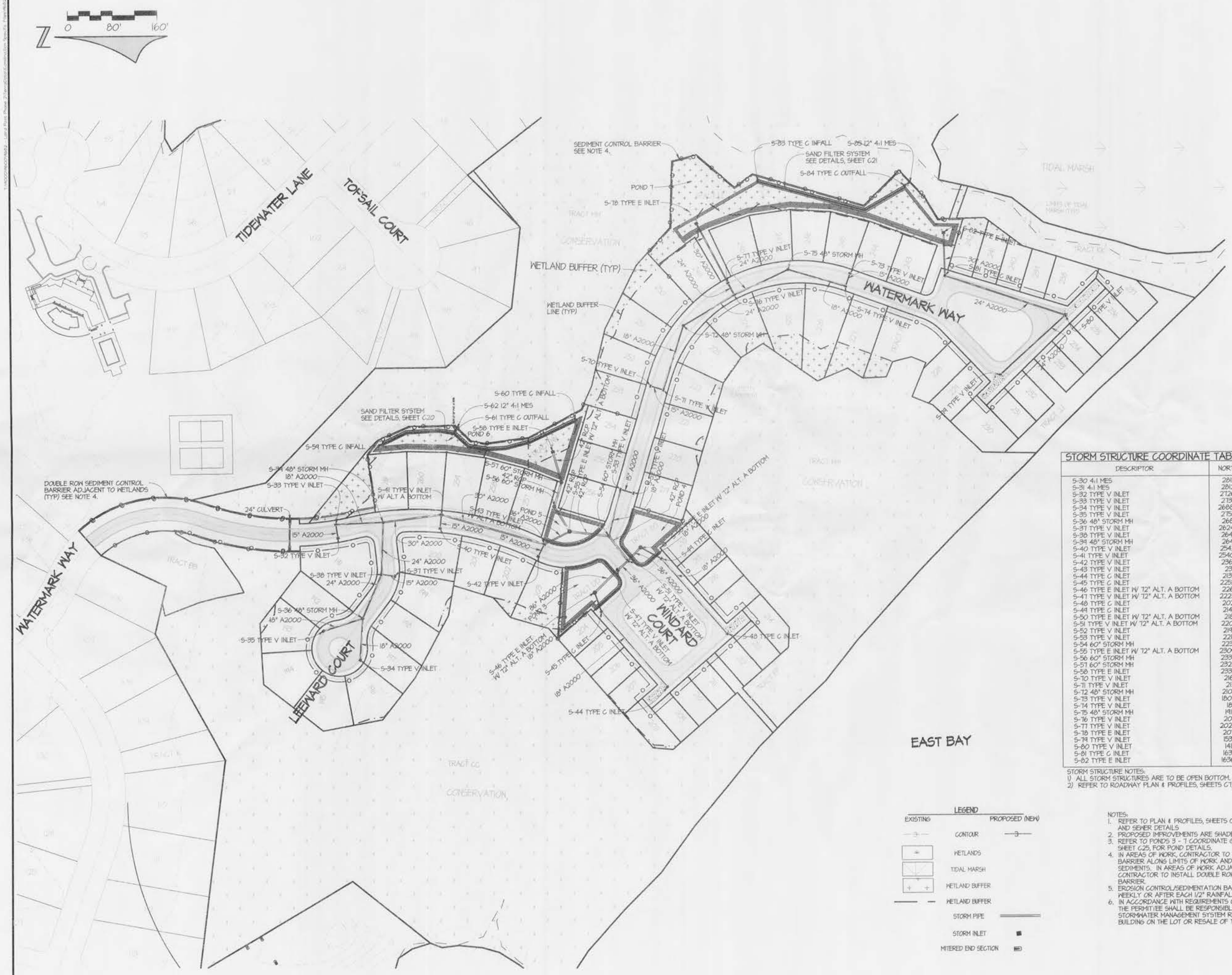
C9

SHEET 9 OF 31

03 02853 41 005 SI



STORM STRUCTURE COORDINATE TABLE

DESCRIPTOR	NORTHING	EASTING	GRATE/RIM ELEVATION	INVERT ELEVATION
S-30 4:1 MES	2813.6581	6851.4738	N/A	3.84
S-31 4:1 MES	2812.9635	6911.4643	N/A	3.64
S-32 TYPE V INLET	2726.1365	6818.6145	6.38	2.50
S-33 TYPE V INLET	2730.5314	6902.5651	6.38	1.75
S-34 TYPE V INLET	2688.0625	6661.7165	6.13	2.35
S-35 TYPE V INLET	2753.4471	6718.2162	6.13	2.35
S-36 48" STORM MH	2682.4717	6735.2516	7.23	1.35
S-37 TYPE V INLET	2624.5025	6810.0761	6.13	2.50
S-38 TYPE V INLET	2648.5540	6813.1856	6.13	0.85
S-39 48" STORM MH	2645.1723	6905.4523	7.29	-0.15
S-40 TYPE V INLET	2542.7467	6844.6065	6.14	2.50
S-41 TYPE V INLET	2540.5220	6918.7542	6.14	-0.65
S-42 TYPE V INLET	2366.1420	6843.5788	6.13	2.50
S-43 TYPE V INLET	2365.1415	6965.1902	6.13	-1.65
S-44 TYPE C INLET	2135.4876	6609.6651	6.08	2.30
S-45 TYPE C INLET	2259.4444	6744.6573	6.08	1.00
S-46 TYPE E INLET W/ 12" ALT. A BOTTOM	2265.1748	6718.6714	4.00	-1.00
S-47 TYPE V INLET W/ 12" ALT. A BOTTOM	2223.3958	6819.3684	6.43	-1.50
S-48 TYPE C INLET	2027.9154	6703.1034	6.08	2.30
S-49 TYPE C INLET	2145.3718	6838.6450	6.08	1.00
S-50 TYPE E INLET W/ 12" ALT. A BOTTOM	2182.5154	6858.1835	4.00	-1.50
S-51 TYPE V INLET W/ 12" ALT. A BOTTOM	2205.0418	6835.2861	6.43	-2.40
S-52 TYPE V INLET	2194.1395	6655.5869	6.13	2.50
S-53 TYPE V INLET	2217.8764	6462.5047	6.13	1.50
S-54 60" STORM MH	2238.4451	6818.9624	7.32	-2.60
S-55 TYPE E INLET W/ 12" ALT. A BOTTOM	2304.8849	6881.5044	4.00	-2.80
S-56 60" STORM MH	2336.9333	6932.2084	6.00	-3.00
S-57 60" STORM MH	2323.8642	6716.1394	6.00	-3.20
S-58 TYPE E INLET	2338.5616	7030.1022	3.50	-3.40
S-10 TYPE V INLET	2162.8819	7141.4685	6.21	2.50
S-11 TYPE V INLET	2134.6411	7140.5457	6.21	1.70
S-12 48" STORM MH	2103.1336	7254.1365	7.23	0.65
S-13 TYPE V INLET	1804.9283	7345.5738	6.20	2.50
S-14 TYPE V INLET	1813.1544	7322.7615	6.20	1.70
S-15 48" STORM MH	1915.2410	7363.5630	7.17	0.65
S-16 TYPE V INLET	2011.9304	7308.4966	6.20	0.35
S-17 TYPE V INLET	2023.2447	7329.4356	6.20	-0.50
S-18 TYPE E INLET	2079.5164	7436.6171	3.50	-1.00
S-19 TYPE V INLET	1535.6648	7163.9862	5.90	1.00
S-60 TYPE V INLET	1418.3644	7269.2870	5.84	0.30
S-61 TYPE C INLET	1634.7844	7340.8481	5.90	-0.50
S-62 TYPE E INLET	1636.8003	7417.5646	3.50	-1.00

STORM STRUCTURE NOTES:
1) ALL STORM STRUCTURES ARE TO BE OPEN BOTTOM. SEE DETAILS, SHEET C26.
2) REFER TO ROADWAY PLAN & PROFILES, SHEETS C7, C8, AND C12-C17.

LEGEND

EXISTING		PROPOSED (NEW)
-3-	CONTOUR	-3-
	WETLANDS	
	TIDAL MARSH	
	WETLAND BUFFER	
	WETLAND BUFFER	
	STORM PIPE	
	STORM INLET	
	MITERED END SECTION	

NOTES:
1. REFER TO PLAN & PROFILES, SHEETS C12 - C17, FOR STORMWATER STRUCTURE AND SEWER DETAILS
2. PROPOSED IMPROVEMENTS ARE SHADED FOR CLEARITY.
3. REFER TO PONDS 3 - 7 COORDINATE GEOMETRY, SHEETS C20 & C21, AND GRADING DETAILS, SHEET C25, FOR POND DETAILS.
4. IN AREAS OF WORK, CONTRACTOR TO INSTALL EROSION CONTROL/SEDIMENTATION BARRIER ALONG LIMITS OF WORK AND BOUNDARY LINES TO PREVENT DISCHARGE OF SEDIMENTS. IN AREAS OF WORK ADJACENT TO SHORELINE AND LIMITS OF WETLANDS, CONTRACTOR TO INSTALL DOUBLE ROW OF EROSION CONTROL/SEDIMENTATION BARRIER.
5. EROSION CONTROL/SEDIMENTATION BARRIERS TO BE MAINTAINED AND CHECKED WEEKLY OR AFTER EACH 1/2" RAINFALL EVENT.
6. IN ACCORDANCE WITH REQUIREMENTS OF FDEP FOR STORMWATER MANAGEMENT, THE PERMITTEE SHALL BE RESPONSIBLE FOR CONSTRUCTION OF ALL PORTIONS OF STORMWATER MANAGEMENT SYSTEM REQUIRED TO SERVE EACH LOT, PRIOR TO BUILDING ON THE LOT OR RESALE OF THE INDIVIDUAL LOTS TO A THIRD PARTY.

POOR ORIGINAL

REVISIONS			
DATE	BY	DESCRIPTION	

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
1551 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF: N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF: NGVD - NGS BENCHMARK E 280 ELEVATION = 33.266'

PHASE 2B STORMWATER PLAN

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H. 1"=80' V. N/A

JOB # 96682A FILE # E-2649

PLOTTED Jan 7, 2013 10:07AM

ISSUED 12/01/12 FOR PERMIT

C10

SHEET 10 OF 31

03-08534A-005 SI

N 0 80' 160'

BOARDWALK TO MARINA
4" WATERMAIN TO MARINA
4" METER AND BACKFLOW ASSEMBLY
FH ASSEMBLY
TIDAL MARSH
LIMITS OF TIDAL MARSH (TYP)
TRACT HH
CONSERVATION
WETLAND BUFFER (TYP)
FH ASSEMBLY
4" GV
10" GV
FH ASSEMBLY
2-10" GV
10" GV
4" WM
4" GV
10" GV
10" WATERMAIN
4" GV
4" WM
FORCE MAIN
5' UTILITY EASEMENT
10" WATERMAIN
TRACT HH
CONSERVATION
EXIST FORCE MAIN
10" GV
FH ASSEMBLY
TRACT BB
10" WATER MAIN
FH ASSEMBLY
10" & 8" GV
10" & 8" GV
8" WATERMAIN
FH ASSEMBLY
2-8" GV
2-8" GV
8" WATERMAIN
EXIST 10" WATER MAIN
FH ASSEMBLY
10" WATERMAIN
FH ASSEMBLY
8" WATERMAIN
FORCE MAIN
FORCE MAIN
TRACT CC
CONSERVATION
EAST BAY

LEGEND

EXISTING		PROPOSED (NEW)
	WATER	
	FORCE MAIN	
	FH ASSEMBLY	
	GATE VALVE	
	AIR RELEASE VALVE	
	LIMITS OF CONSERVATION	
	EASEMENT LINE	
	ROW LINE	

NOTES:
1. FOR CENTERLINE/BASELINE ALIGNMENT DATA, SEE SHEET C4 AND PLAN & PROFILE SHEETS C7 & C8.
2. CONTRACTOR TO COORDINATE AND SCHEDULE TESTING AND SUBMITTAL REQUIREMENTS OF CITY OF CALLAWAY.
3. CONTRACTOR TO COORDINATE WITH OWNER AND UTILITY COMPANIES ON PLACEMENT OF CONDUIT IN THE ROW AND INSTALLATION OF UNDERGROUND POWER, GAS, TELEPHONE, AND CABLE TV. CONDUITS TO BE INSTALLED PRIOR TO BASE AND PAVEMENT. UTILITIES TO BE INSTALLED PRIOR TO FINAL GRADING AND VEGETATIVE STABILIZATION.
4. PRIOR TO CONSTRUCTION, CONTRACTOR TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE WITH OWNER, OWNER'S ENGINEER, CITY OF CALLAWAY, GULF POWER, BELLSOUTH, CABLE TV SUPPLIER, AND ANY SUBCONTRACTORS.

UTILITY NOTES:
5. PVC WATER MAIN SHALL BE CLASS 150, DR 18 PVC, COLOR BLUE FOR POTABLE WATER, WITH BELL & SPIGOT JOINTS IN ACCORDANCE WITH AWWA C900. ALL PIPE, FITTINGS AND APPURTENANCES SHALL BE IN ACCORDANCE WITH SECTION 02713 OF THE PROJECT SPECIFICATIONS.
6. CONTRACTOR TO ADD FITTINGS TO ALL WATER LINES WHERE PIPE CURVE EXCEEDS MANUFACTURER'S SPECIFICATIONS.
7. PE WATER SERVICE PIPE SHALL BE CLASS 200 IN ACCORDANCE WITH AWWA C901. ALL PIPE, FITTINGS AND APPURTENANCES SHALL BE IN ACCORDANCE WITH AWWA C800 AND SECTION 02713 OF THE PROJECT SPECIFICATIONS. PIPE SHALL BE COLORED OR PLACED IN COLORED SLEEVE, COLOR BLUE FOR POTABLE WATER.
8. PVC FORCE MAIN SHALL BE SDR 21, COLOR GREEN OR BROWN, WITH BELL & SPIGOT JOINTS IN ACCORDANCE WITH ASTM D-2241. ALL PIPE, FITTINGS AND APPURTENANCES SHALL BE IN ACCORDANCE WITH SECTION 02730 OF THE PROJECT SPECIFICATIONS.
9. GLUED JOINT PIPE WILL NOT BE ALLOWED FOR THE WORK OF THESE DRAWINGS.
10. TESTING AND INSPECTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE SCHEDULES CONTAINED HEREIN AND THE PROJECT SPECIFICATIONS.
11. DISINFECTION OF WATER MAINS SHALL BE IN ACCORDANCE WITH AWWA C651. BACTERIOLOGICAL TESTS SHALL BE TAKEN ON TWO CONSECUTIVE DAYS WITHIN 30 DAYS OF COMPLETION OF CONSTRUCTION AT CONNECTION POINTS TO THE EXISTING SYSTEM, AT ENDPOINTS OF THE NEW SYSTEM, AT MAIN LINE BRANCHES, AND AT EVERY 1200 FEET OF STRAIGHT RUN OF MAIN. CHLORINATED WATER USED FOR DISINFECTION SHALL NOT BE DISCHARGED OFF-SITE, TO STORM SEWERS, SANITARY SEWERS, OR WETLAND AREAS. CHLORINATED WATER SHALL BE DISPOSED OF BY DISCHARING TO GROUND SURFACE FOR PERCOLATION INTO THE UNDERLYING SOILS. CONTAINMENT BERMS SHALL BE CONSTRUCTED AS REQUIRED TO PREVENT DISCHARGE TO PROHIBITED AREAS.
12. WITHIN 30 DAYS OF COMPLETION OF THE WATER AND SEWER UTILITY SYSTEMS, THE CONTRACTOR SHALL CONDUCT ALL REQUIRED TESTS IN THE PRESENCE OF THE ENGINEER, PROVIDE COPIES OF ALL REQUIRED THIRD PARTY TEST RESULTS AND THE AS-BUILT SURVEY IN ACCORDANCE WITH SECTION 02000 OF THE PROJECT SPECIFICATIONS.
13. BEFORE AND AFTER DISINFECTION, WATER LINES SHALL BE FLUSHED IN ACCORDANCE WITH AWWA C-651 WHICH INCLUDE A MINIMUM FLUSHING VELOCITY OF 3.0 FEET PER SECOND AND A MINIMUM FLUSHING VOLUME OF 2.0 TIMES THE PIPE VOLUME.
14. DEFLECT PROPOSED WATER MAIN AND FORCE MAINS AS REQUIRED, REFER TO WATER DETAILS SHEET C26 FOR MAXIMUM ALLOWABLE BEND FOR PVC PIPES.

POOR ORIGINAL

REVISIONS

DATE	BY	DESCRIPTION

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BRADLEY JORDAN HURST
LICENSE NO. 56813
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK F 240 ELEVATION = 33.268'

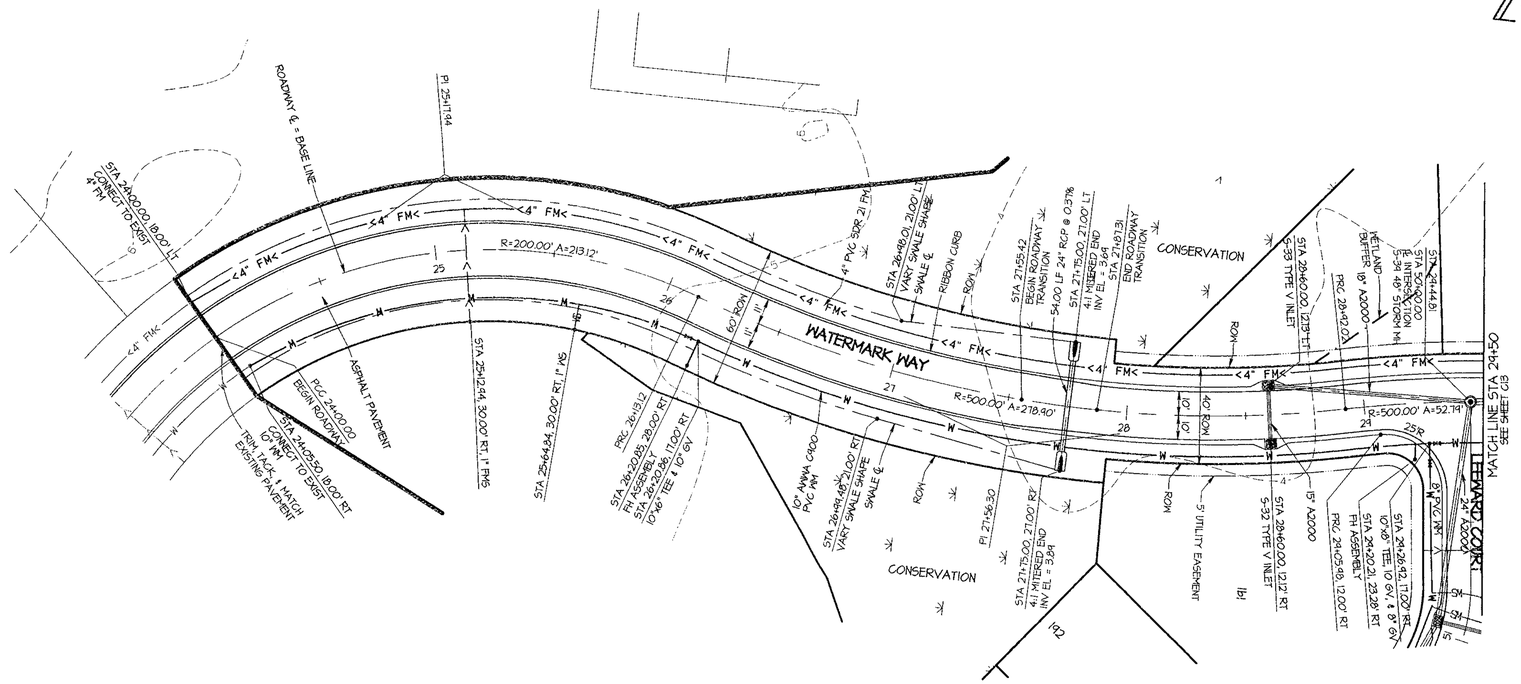
PHASE 2B UTILITY PLAN
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H. 1"=80' V. N/A
JOB # 9682A FILE # E-2641
PLOTTED Jan 7, 2013 10:08AM
ISSUED 12/01/12 FOR PERMIT

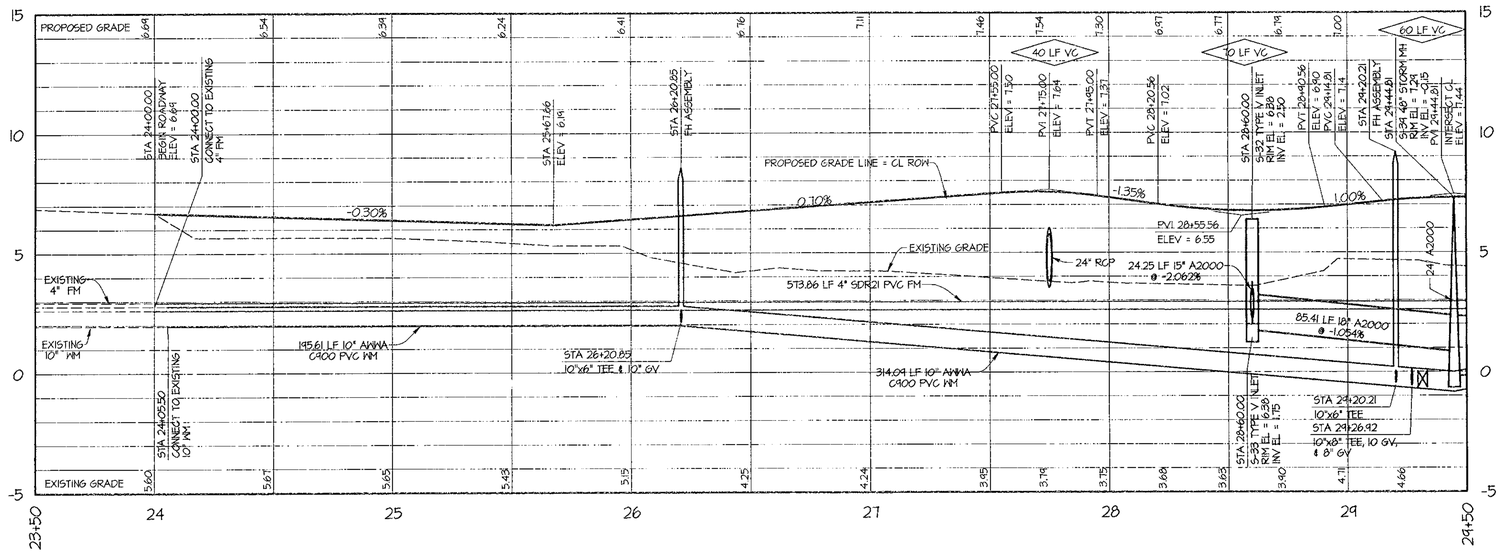
SHEET 11 OF 31

08-09453-005-SI

T:\2009\9682A\Land Plan 2\Aerials\Construction Split\L-Plan9682A.dgn



PLAN VIEW



PROFILE VIEW

REVISIONS		
DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com
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SEAL: JORGAN HURST, LICENSED, No. 66813, STATE OF FLORIDA, PROFESSIONAL ENGINEER
NOT VALID UNLESS SIGNED AND SEALED

LAND PLAN SUBDIVISION - PHASE 2 JOB NO. 9682A

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK E 240
ELEVATION = 93.268'

WATERMARK WAY PLAN & PROFILE STA 23+50 - STA 24+50 LAIRD POINT SUBDIVISION PHASE 2

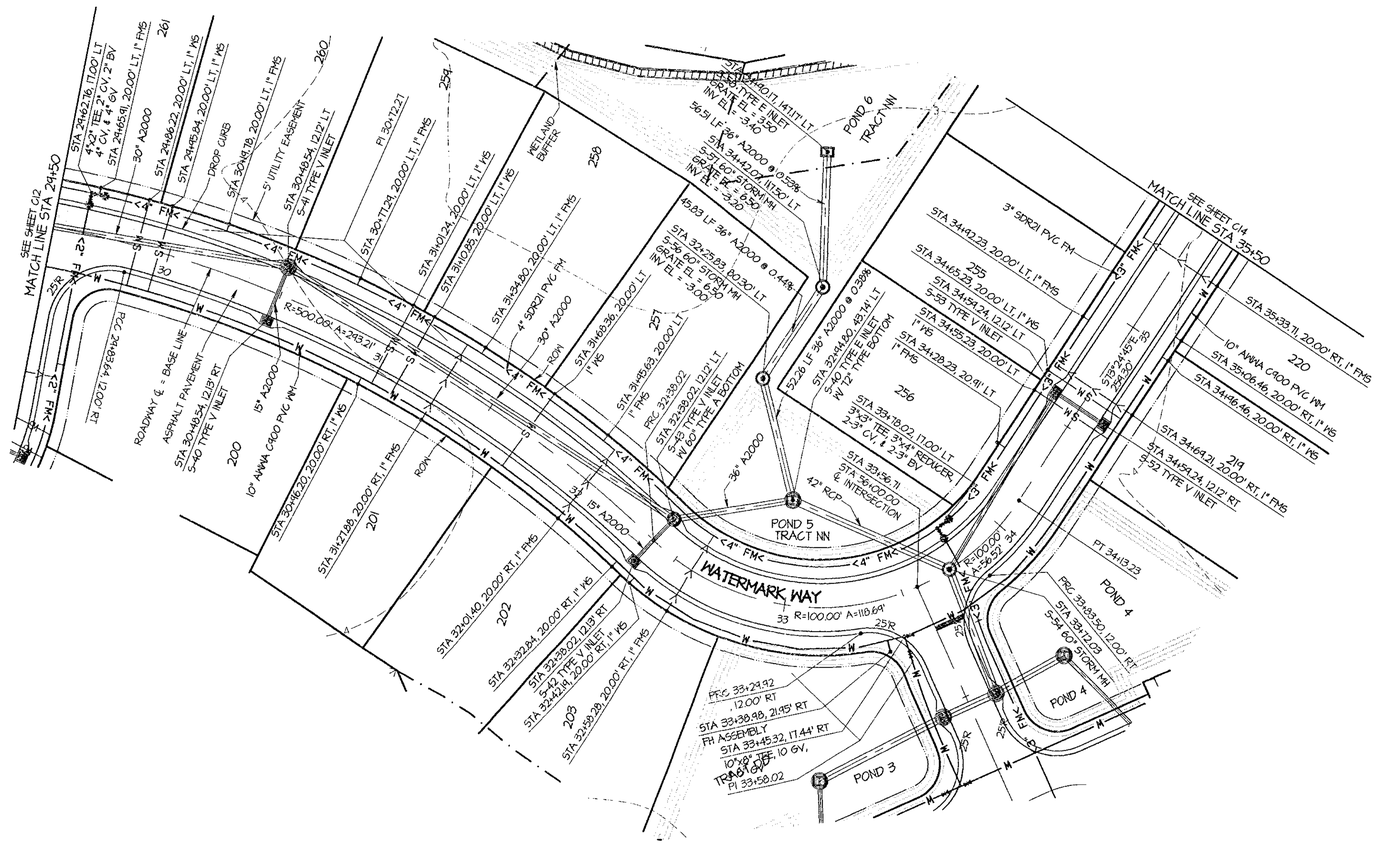
CALLAWAY FLORIDA

SCALE: H. 1"=30' V. 1"=3'
JOB # 9682A FILE # E-2644
PLOTTED Jn 7, 2013 10:04AM
ISSUED 12/01/12 FOR PERMIT

C12

SHEET 12 OF 31

03-0045341.005-SI



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135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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REVISIONS		
DATE	BY	DESCRIPTION

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9682A

THOMAS J. MORGAN, JR. LICENSE NO. 39713 STATE OF FLORIDA PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 89°43'06" E. FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W.

ELEVATION REF. NGVD - NGS BENCHMARK F 290

ELEVATION = 33.268'

WATERMARK WAY PLAN & PROFILE STA 29+50 - STA 35+50 LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H. 1"=30' V. 1"=3'

JOB # 9682A FILE # E-2644

PLOTTED Jan 7, 2013 10:09AM

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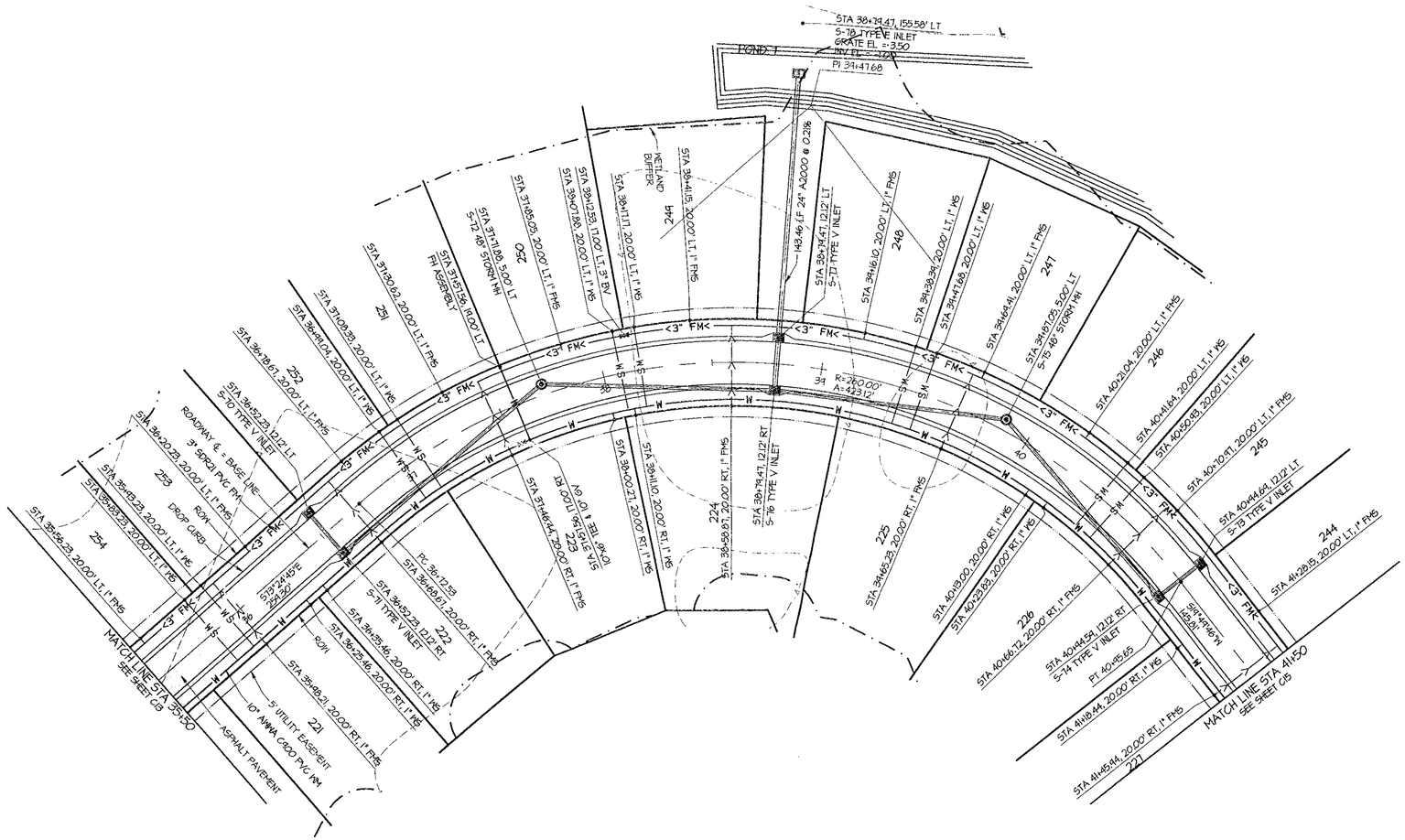
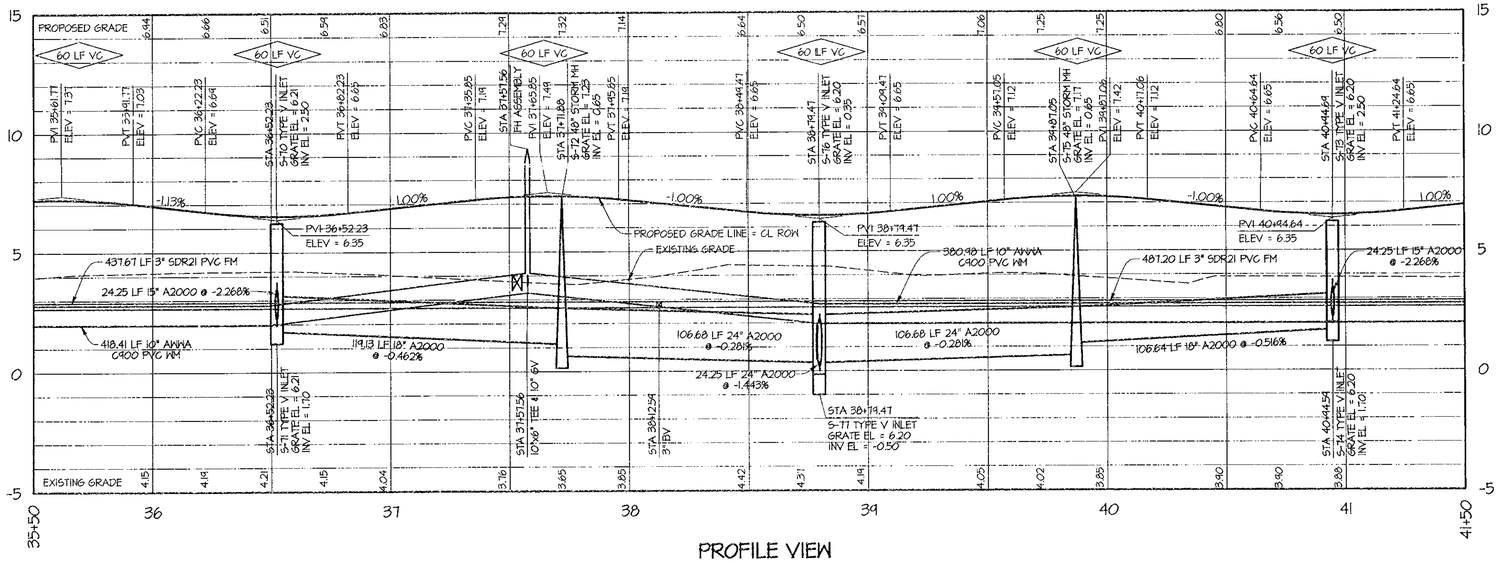
SHEET 13 OF 31

03-0245349-005-SI



PLAN VIEW



PROFILE VIEW

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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REVISIONS

DATE	BY	DESCRIPTION

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9602A

SEAN MICHAEL BUCHANAN LICENSE NO. 6081 STATE OF FLORIDA PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - NGS BENCHMARK F 230

ELEVATION = 33.268'

WATERMARK WAY PLAN & PROFILE STA 35+50 - STA 41+50 LAIRD POINT SUBDIVISION PHASE 2

FLORIDA

CALLAWAY

SCALE: H. 1"=30' V. 1"=3'

JOB # 9602A FILE # E-2644

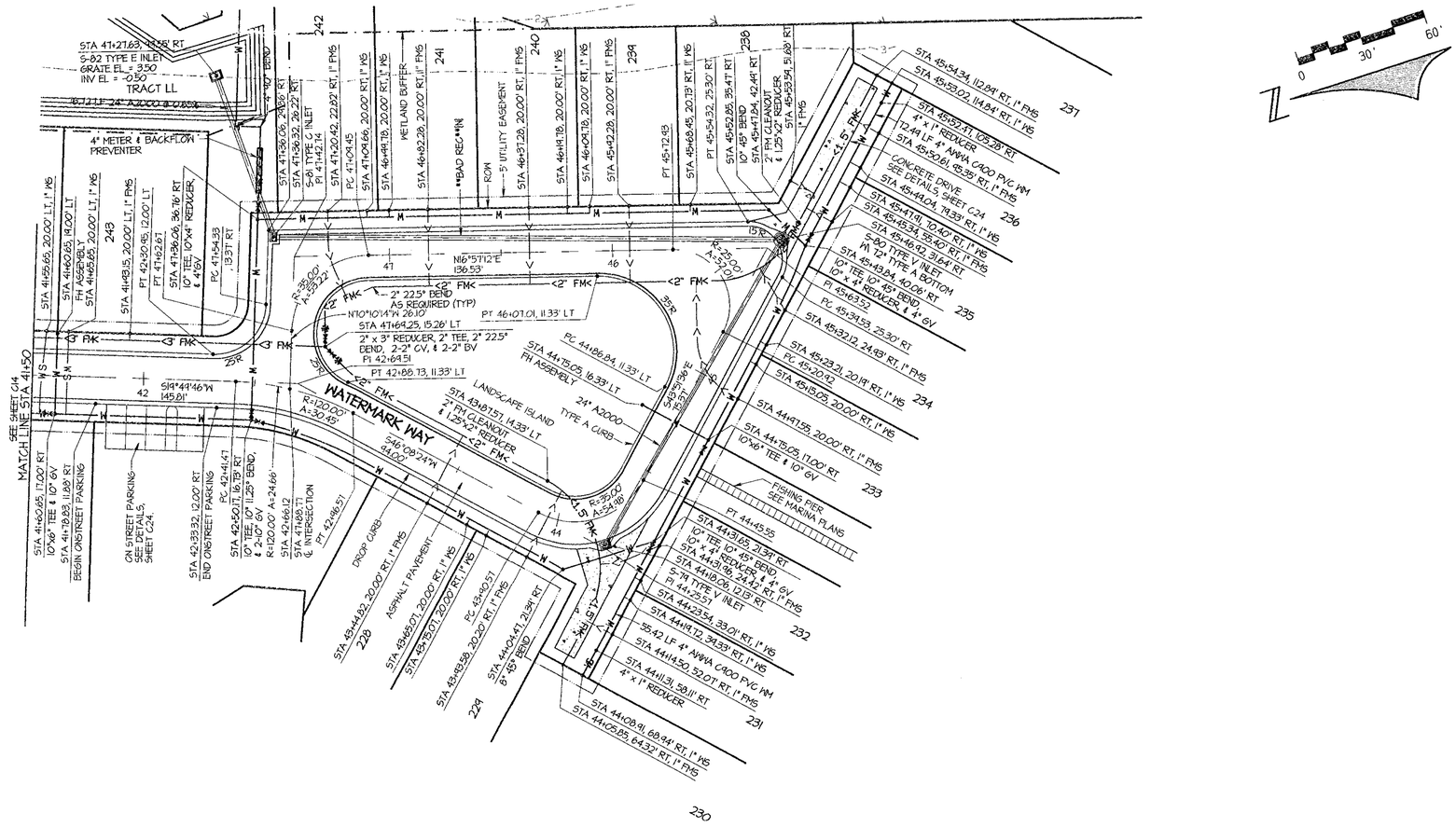
PLOTTED Jan 7, 2013 10:10AM

ISSUED 12/01/12 FOR PERMIT

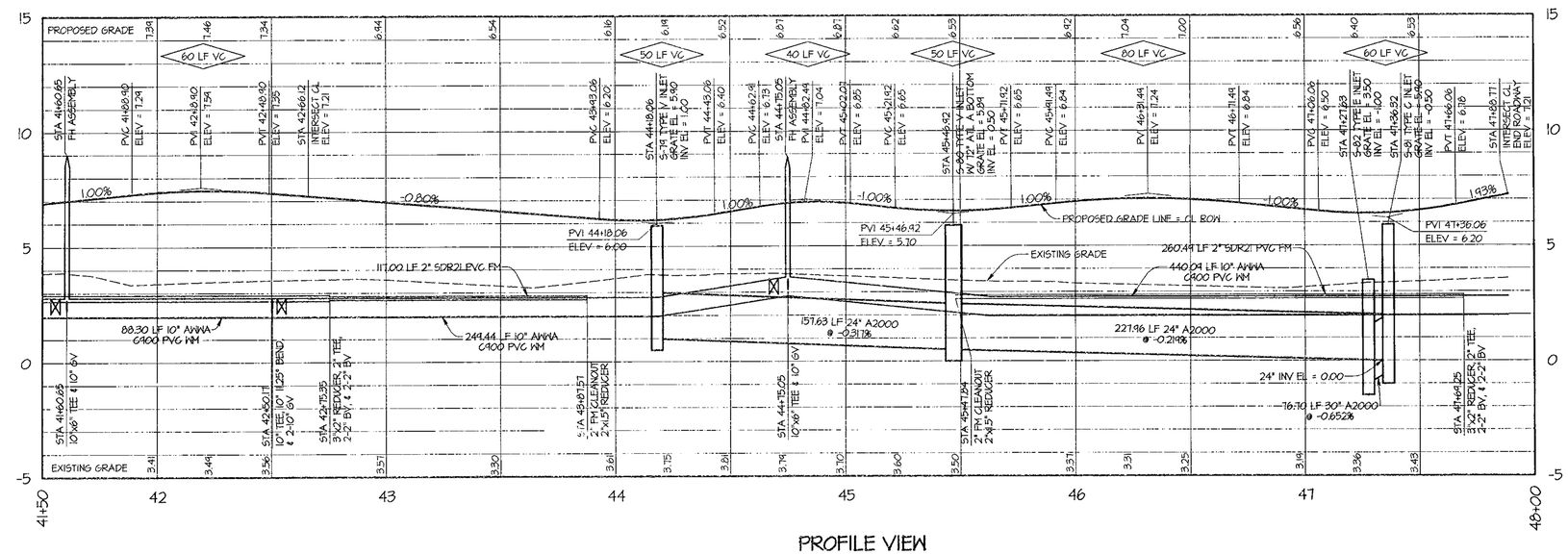
SHEET C/4

SHEET 14 OF 31

43-085-0345-01



PLAN VIEW



PROFILE VIEW

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com

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REVISIONS		
DATE	BY	DESCRIPTION

LAND PLAN SUBDIVISION PHASE 2 JOB NO. 1602A

JEFFREY HANSON HURST LICENSE No. 60613 STATE OF FLORIDA PROFESSIONAL ENGINEER 6-7-13

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W.

ELEVATION REF. NGVD - NGS BENCHMARK F 290

ELEVATION = 33.266'

WATERMARK WAY PLAN & PROFILE STA 41+50 - STA 48+00 LAIRD POINT SUBDIVISION PHASE 2

FLORIDA

CALL AWAY

SCALE: H. 1"=30' V. 1"=3'

JOB # 1602A FILE # E-2641

PLOTTED Jun 1, 2013 10:10AM

ISSUED 12/01/12 FOR PERMIT

C/U

SHEET 15 OF 31

05-0245834-005-SI

03-0944534I-005-SI

25 of 41

REVISIONS		
DESCRIPTION	BY	DATE

LAIRD POINT SUBDIVISION - PHASE 2 - JOB NO. 9602A

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312

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SEAL
STATE OF FLORIDA
J. MORGAN HUSS
LICENSE
No. 60613

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF: N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF: NGVD - NGS BENCHMARK E 290

ELEVATION = 33.260'

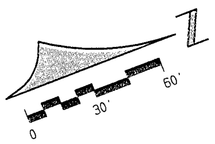
LEEWARD COURT
PLAN & PROFILE
LAIRD POINT SUBDIVISION
PHASE 2

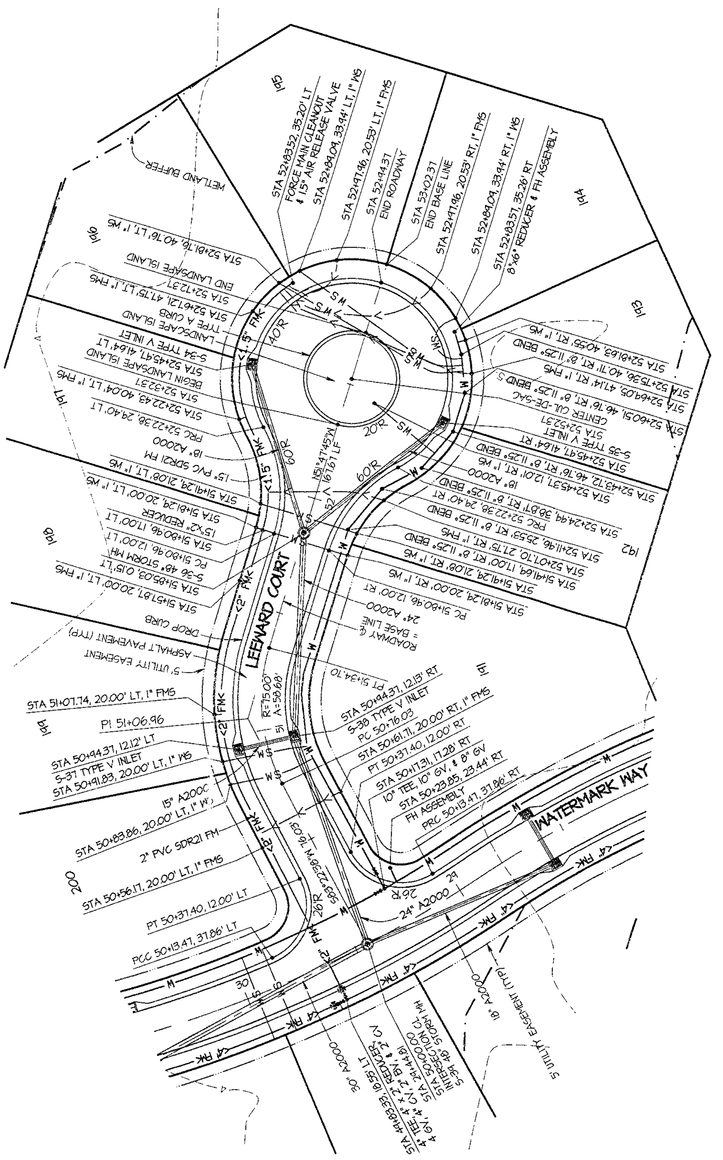
CALLAWAY FLORIDA

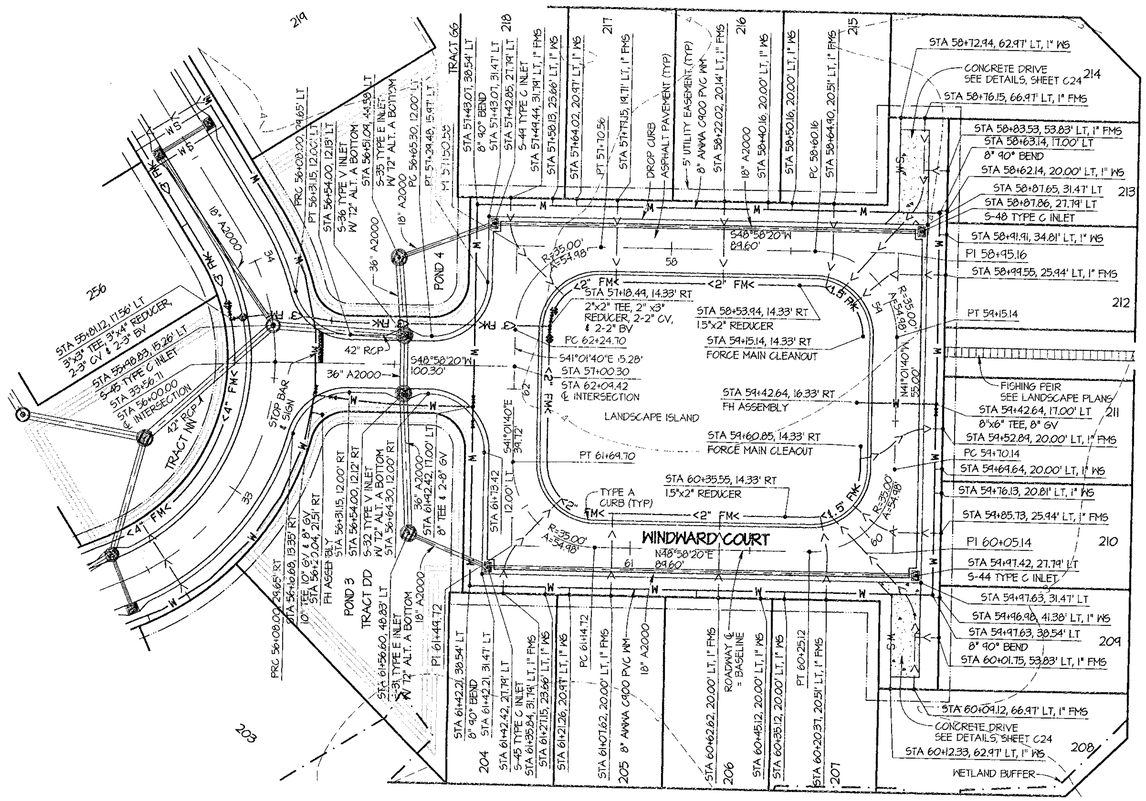
SCALE: H. 1"=30' V. 1"=3'
JOB # 9602A FILE # E-2641
PLOTTED Jan 7, 2003 8:01AM
ISSUED 12/20/02 FOR PERMIT

SHEET 16 OF 31

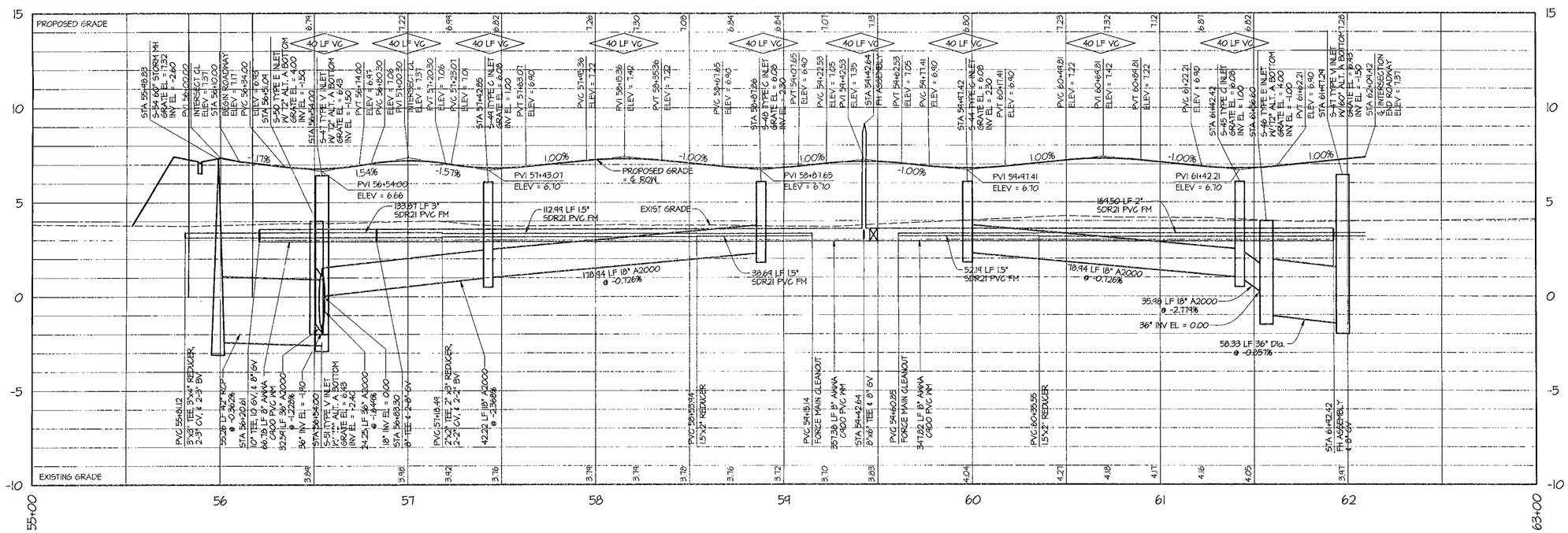
C16




LEEWARD COURT
WATERMARK WAY
R=75.00'
Δ=159.68°
L=209.00'
20' R/W
22' PAVEMENT
24" R.C.P.
STA 50+44.37, 12.12' LT
S-37 TYPE V INLET
STA 50+41.89, 20.00' LT, 1' RT
STA 50+89.86, 20.00' LT, 1' RT
2" PVC SDR21 FM
STA 50+56.11, 20.00' LT, 1' RT
PT 50+31.40, 12.00' LT
PCC 50+13.41, 37.86' LT
STA 51+07.74, 20.00' LT, 1' RT
PI 51+06.96
STA 51+34.10
PC 51+06.03
STA 51+34.24, 20.00' RT, 1' RT
STA 51+34.24, 20.00' LT, 1' RT
STA 51+81.97, 20.00' LT, 1' RT
S-36 48" STORM MH
STA 51+80.39, 12.00' LT
STA 51+80.39, 12.00' RT
15" REDUCER
STA 51+80.24, 20.00' LT, 1' RT
15" PVC SDR21 FM
18" A2000
STA 52+22.39, 24.40' LT
STA 52+23.43, 24.40' LT
STA 52+23.43, 40.04' LT
S-34 TYPE V INLET
STA 52+41.41, 40.44' LT
STA 52+41.41, 20.00' LT
STA 52+41.41, 20.00' RT
STA 52+44.37, 12.12' RT
STA 52+44.37, 12.12' LT
STA 52+44.37, 0.00'
STA 52+44.37, 0.00'
STA 52+44.37, 0.00'



PLAN VIEW



PROFILE VIEW

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com

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LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9682A

03-02453-41-005-SE

SEAN GAGAN HURST
LICENSE NO. 69813
STATE OF FLORIDA
PROFESSIONAL ENGINEER
REGISTERED
J. MONTGOMERY SURVEYING, INC.
LICENSED BUSINESS
NO. LB 7768

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 88°49'09"E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - NGS BENCHMARK E 240

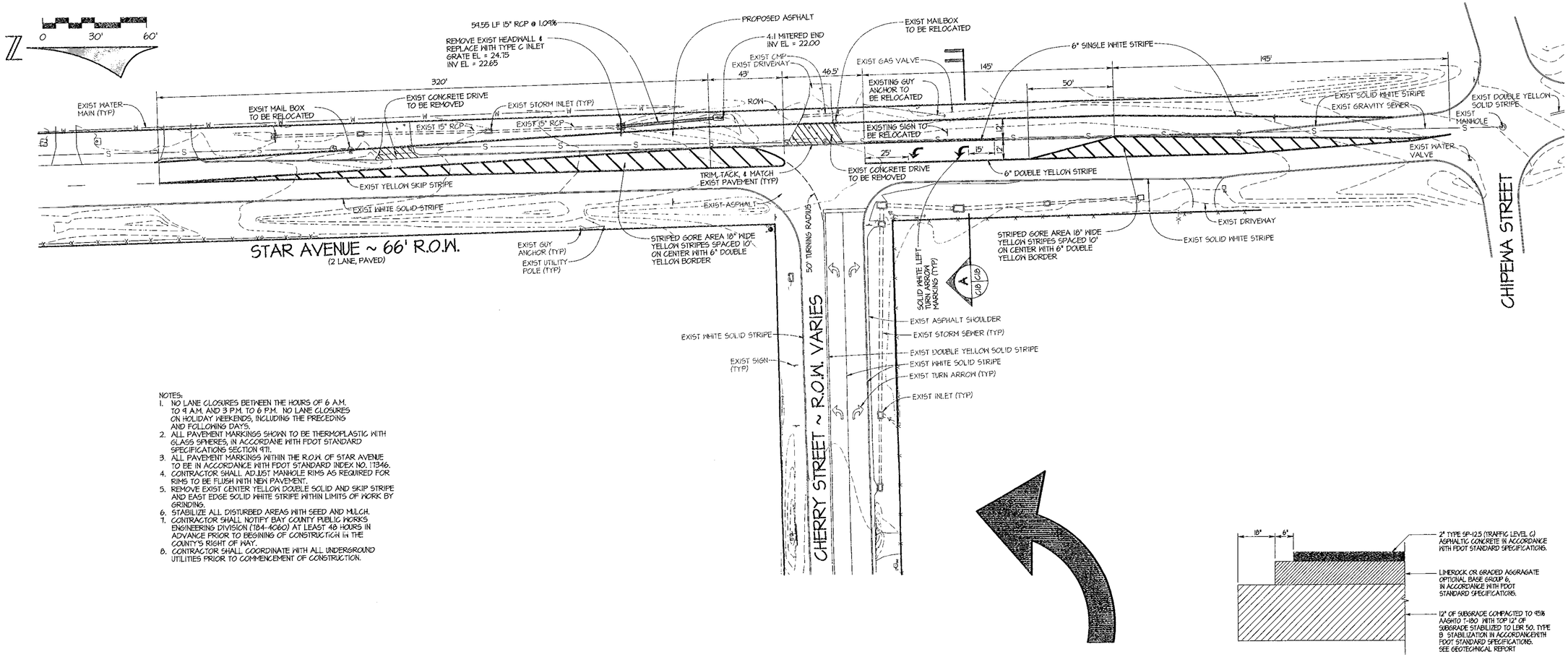
ELEVATION = 33.268'

WINDWARD COURT
PLAN & PROFILE
LAIRD POINT SUBDIVISION
PHASE 2
CALLAWAY FLORIDA

SCALE: H. 1"=30', V. 1"=3'
JOB # 9682A FILE # E-2649
PLOTTED Jun 7, 2013 10:11AM
ISSUED 12/01/12 FOR PERMIT

C17

SHEET 17 OF 31



NOTES:
1. NO LANE CLOSURES BETWEEN THE HOURS OF 6 A.M. TO 9 A.M. AND 3 P.M. TO 6 P.M. NO LANE CLOSURES ON HOLIDAY WEEKENDS, INCLUDING THE PRECEDING AND FOLLOWING DAYS.
2. ALL PAVEMENT MARKINGS SHOWN TO BE THERMOPLASTIC WITH GLASS SPHERES, IN ACCORDANE WITH FDOT STANDARD SPECIFICATIONS SECTION 971.
3. ALL PAVEMENT MARKINGS WITHIN THE R.O.W. OF STAR AVENUE TO BE IN ACCORDANCE WITH FDOT STANDARD INDEX NO. 17346.
4. CONTRACTOR SHALL ADJUST MANHOLE RIMS AS REQUIRED FOR RIMS TO BE FLUSH WITH NEW PAVEMENT.
5. REMOVE EXIST CENTER YELLOW DOUBLE SOLID AND SKIP STRIPE AND EAST EDGE SOLID WHITE STRIPE WITHIN LIMITS OF WORK BY GRINDING.
6. STABILIZE ALL DISTURBED AREAS WITH SEED AND MULCH.
7. CONTRACTOR SHALL NOTIFY BAY COUNTY PUBLIC WORKS ENGINEERING DIVISION (784-4060) AT LEAST 48 HOURS IN ADVANCE PRIOR TO BEGINING OF CONSTRUCTION IN THE COUNTY'S RIGHT OF WAY.
8. CONTRACTOR SHALL COORDINATE WITH ALL UNDERGROUND UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.

16 S.F. WHITE
RIGHT TURN ARROW TO BE REVERSED
REFER TO FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX NO. 17346 FOR DIMENSIONS.

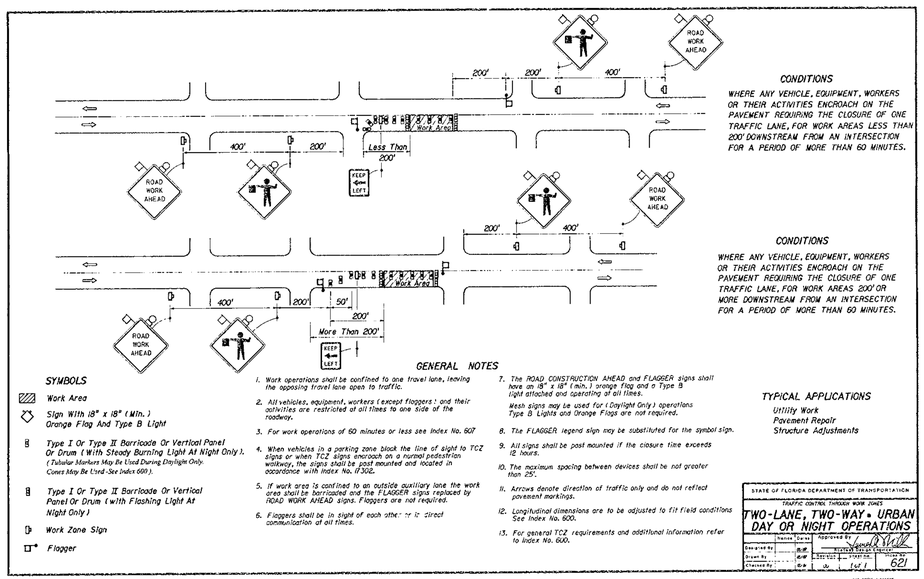
PAVEMENT MARKING ARROW
N.T.S.

NOTES:
1. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", 2004 EDITION, AND SITE SPECIFIC GEOTECHNICAL REPORT.

TYPICAL PAVEMENT SECTION
N.T.S.

* - MAINTAIN CROSS SLOPE OF THE EXISTING PAVEMENT

TYPICAL SECTION
SCALE: 1" = 5'



CONDITIONS
WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF ONE TRAFFIC LANE, FOR WORK AREAS LESS THAN 200' DOWNSTREAM FROM AN INTERSECTION FOR A PERIOD OF MORE THAN 60 MINUTES.

CONDITIONS
WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH ON THE PAVEMENT REQUIRING THE CLOSURE OF ONE TRAFFIC LANE, FOR WORK AREAS 200' OR MORE DOWNSTREAM FROM AN INTERSECTION FOR A PERIOD OF MORE THAN 60 MINUTES.

SYMBOLS
- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Type I Or Type II Barricade Or Vertical Panel Or Drum (With Steady Burning Light At Night Only). (Tubular Markers May Be Used During Daylight Only. Cones May Be Used-See Index 600).
- Type I Or Type II Barricade Or Vertical Panel Or Drum (with Flashing Light At Night Only)
- Work Zone Sign
- Flagger

GENERAL NOTES
1. Work operations shall be confined to one travel lane, leaving the opposing travel lane open to traffic.
2. All vehicles, equipment, workers (except flaggers) and their activities are restricted at all times to one side of the roadway.
3. For work operations of 60 minutes or less see Index No. 607
4. When vehicles in a parking zone block the line of sight to TCZ signs or when TCZ signs encroach on a normal pedestrian walkway, the signs shall be post mounted and located in accordance with Index No. 17302.
5. If work area is confined to an outside auxiliary lane the work area shall be barricaded and the FLAGGER signs replaced by ROAD WORK AHEAD signs. Flaggers are not required.
6. Flaggers shall be in sight of each other or in direct communication at all times.
7. The ROAD CONSTRUCTION AHEAD and FLAGGER signs shall have an 18" x 18" (min.) orange flag and a Type B light attached and operating at all times.
   Mesh signs may be used for (Daylight Only) operations Type B Lights and Orange Flags are not required.
8. The FLAGGER legend sign may be substituted for the symbol sign.
9. All signs shall be post mounted if the closure time exceeds 12 hours.
10. The maximum spacing between devices shall be not greater than 120'.
11. Arrows denote direction of traffic only and do not reflect pavement markings.
12. Longitudinal dimensions are to be adjusted to fit field conditions See Index No. 600.
13. For general TCZ requirements and additional information refer to Index No. 600.

TYPICAL APPLICATIONS
Utility Work
Pavement Repair
Structure Adjustments

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL THROUGH WORK ZONES
TWO-LANE, TWO-WAY • URBAN DAY OR NIGHT OPERATIONS
Approved By: [illegible]
Date: 7/1/09
Sheet No. 621

REVISIONS

DESCRIPTION	BY	DATE

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
1135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-7421 FAX (850)784-2120 E-MAIL rick@buchanan-harper.com

SEAL: BRIAN HURST, LICENSE NO. 68813, STATE OF FLORIDA, PROFESSIONAL ENGINEER, 7-13

DESIGNED BY JMH DRAWN BY JMH CHECKED BY T_M
BEARING REF. N 89°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK # 240
ELEVATION = 33.268'

OFF SITE IMPROVEMENTS
LAIRD POINT SUBDIVISION PHASE 2
CALLOWAY FLORIDA

SCALE: H. N/A V. N/A
JOB # 9682A FILE # E-2649
PLOTTED Jan 7, 2013 10:13AM
ISSUED 12/01/12 FOR PERMIT

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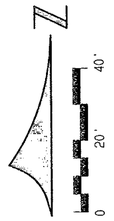
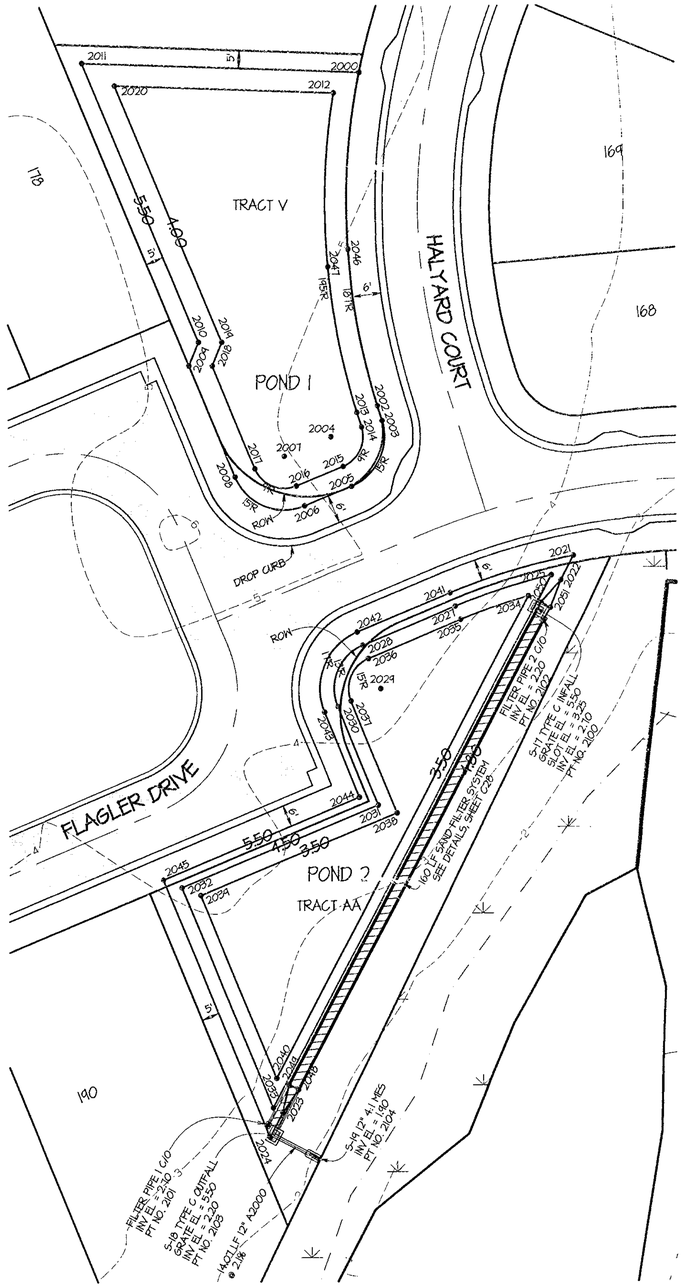
SHEET 18 OF 31

08-0245341.005-SI





COORDINATE TABLE			
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2003	4072.9077	6023.1828	TOB EL=5.50
2004	4068.4380	6009.8642	RADIUS POINT
2005	4054.5742	6014.6030	TOB EL=5.50
2006	4041.7117	6001.5444	TOB EL=5.50
2007	4063.0305	5995.8056	RADIUS POINT
2008	4051.2417	5981.9468	TOB EL=5.50
2009	4088.4023	5969.0642	TOB EL=5.50
2010	4044.9348	5971.7709	TOB EL=5.50
2011	4172.9056	5934.4838	TOB EL=5.50
2012	4164.2340	6009.9722	TOS EL=4.00
2013	4075.2566	6016.1640	TOS EL=4.00
2014	4071.1198	6017.4554	TOS EL=4.00
2015	4060.1227	6012.3075	TOS EL=4.00
2016	4054.1152	5994.2484	TOS EL=4.00
2017	4059.5972	5987.4403	TOS EL=4.00
2018	4088.3363	5975.5856	TOS EL=4.00
2019	4094.9341	5978.2652	TOS EL=4.00
2020	4166.5561	5948.6064	TOS EL=4.00
2021	4035.2344	6016.5911	TOB EL=5.50
2022	4028.3824	6072.4719	TOB EL=5.50
2023	3880.4641	5944.8454	TOB EL=5.50
2024	3813.6125	5991.3080	TOB EL=5.50
2025	4024.1834	6070.3188	WEIR EL=4.50
2027	4021.1045	6043.5431	WEIR EL=4.50
2028	4010.3671	6011.6131	WEIR EL=4.50
2029	3998.3561	6022.5867	RADIUS POINT
2030	3993.3825	6010.5758	WEIR EL=4.50
2031	3966.1261	6021.8621	WEIR EL=4.50
2032	3963.3242	5966.7452	WEIR EL=4.50
2033	3881.8701	5992.2428	WEIR EL=4.50
2034	4023.9541	6063.8495	TOS EL=3.50
2035	4011.4088	6045.0734	TOS EL=3.50
2036	4006.6714	6019.1434	TOS EL=3.50
2037	3994.9128	6014.2714	TOS EL=3.50
2038	3963.9615	6021.0881	TOS EL=3.50
2039	3941.1589	5972.0212	TOS EL=3.50
2040	3890.0618	5993.1716	TOS EL=3.50
2041	4024.8001	6042.0127	TOB EL=5.50
2042	4014.0628	6016.0827	TOB EL=5.50
2043	3991.8522	6006.8801	TOB EL=5.50
2044	3968.2122	6018.8361	TOB EL=5.50
2045	3945.4845	5981.5642	TOB EL=5.50
2046	4120.6840	6013.7851	TOB EL=5.50
2047	4115.7873	6008.1431	TOS EL=4.00
2048	3886.8468	5991.2787	WEIR EL 4.80
2049	3888.2472	5996.6266	WEIR EL 4.80
2050	4022.1336	6061.2985	WEIR EL 4.80
2051	4020.7331	6069.4516	WEIR EL 4.80

STORM FILTER COORDINATE TABLE			
PT #	NORTHING	EASTING	DESCRIPTOR
2100	4020.3519	6066.3613	S-17 TYPE C INFALL
2101	3977.0919	5990.7303	FILTER PIPE 1 C/O
2102	4017.3553	6068.1686	FILTER PIPE 2 C/O
2103	3874.0843	5992.5456	S-18 TYPE C OUTFALL
2104	3867.5225	6004.9862	S-19 12" 4:1 MES

COORDINATE GEOMETRY NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR SETTING CONSTRUCTION STAKES TO MARK LOCATION, ALIGNMENT, ELEVATION AND GRADE OF WORK. STAKES PROVIDED SHALL BE ADEQUATE IN NUMBER, POSITION AND ELEVATION SO THAT PHYSICAL ITEM CAN BE CONSTRUCTED IN ACCORDANCE WITH PLANS. CONSTRUCTION LAYOUT SURVEY SHALL MEET MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN STATE OF FLORIDA (CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE).
2. CONSTRUCTION LAYOUT INFORMATION HAS BEEN PROVIDED IN FORM OF COORDINATE GEOMETRY OBTAINED THROUGH COMPUTER GENERATION. INFORMATION IS ADEQUATE FOR CONSTRUCTION LAYOUT OF IMPROVEMENTS USING STANDARD SURVEYING CONSTRUCTION LAYOUT TECHNIQUES.
   IN NO CASE SHALL CONTRACTOR SCALE INFORMATION FROM PLANS OR ATTEMPT TO CONSTRUCT IMPROVEMENTS WITHOUT CONSTRUCTION LAYOUT IN ACCORDANCE WITH INFORMATION CONTAINED HEREIN.
3. COORDINATES AND/OR DISTANCES SHOWN ARE TO FOLLOWING LOCATIONS FOR THE FOLLOWING ITEMS:

   PROPERTY LINES: TO THE CENTER OF THE PROPERTY MARKERS UNLESS NOTED OTHERWISE.

   STRUCTURES: TO CENTER OF STRUCTURE, EXCEPT CURB INLETS SHALL BE TO INTERSECTION OF EDGE OF PAVEMENT AND CENTER LINE OF STRUCTURE UNLESS NOTED OTHERWISE

   RETENTION/
   DETENTION AREAS: TO TOP OF BANK AND TOE OF SLOPE UNLESS NOTED OTHERWISE.

REVISIONS		
DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
195 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com

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LAIRD POINT SUBDIVISION PHASE 2 JOB NO. 9682A

05-024533H-005-SU

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - NGS BENCHMARK F 240 ELEVATION = 33.266'

PONDS 1 & 2 COORDINATE GEOMETRY

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H. 1"=20' V. N/A

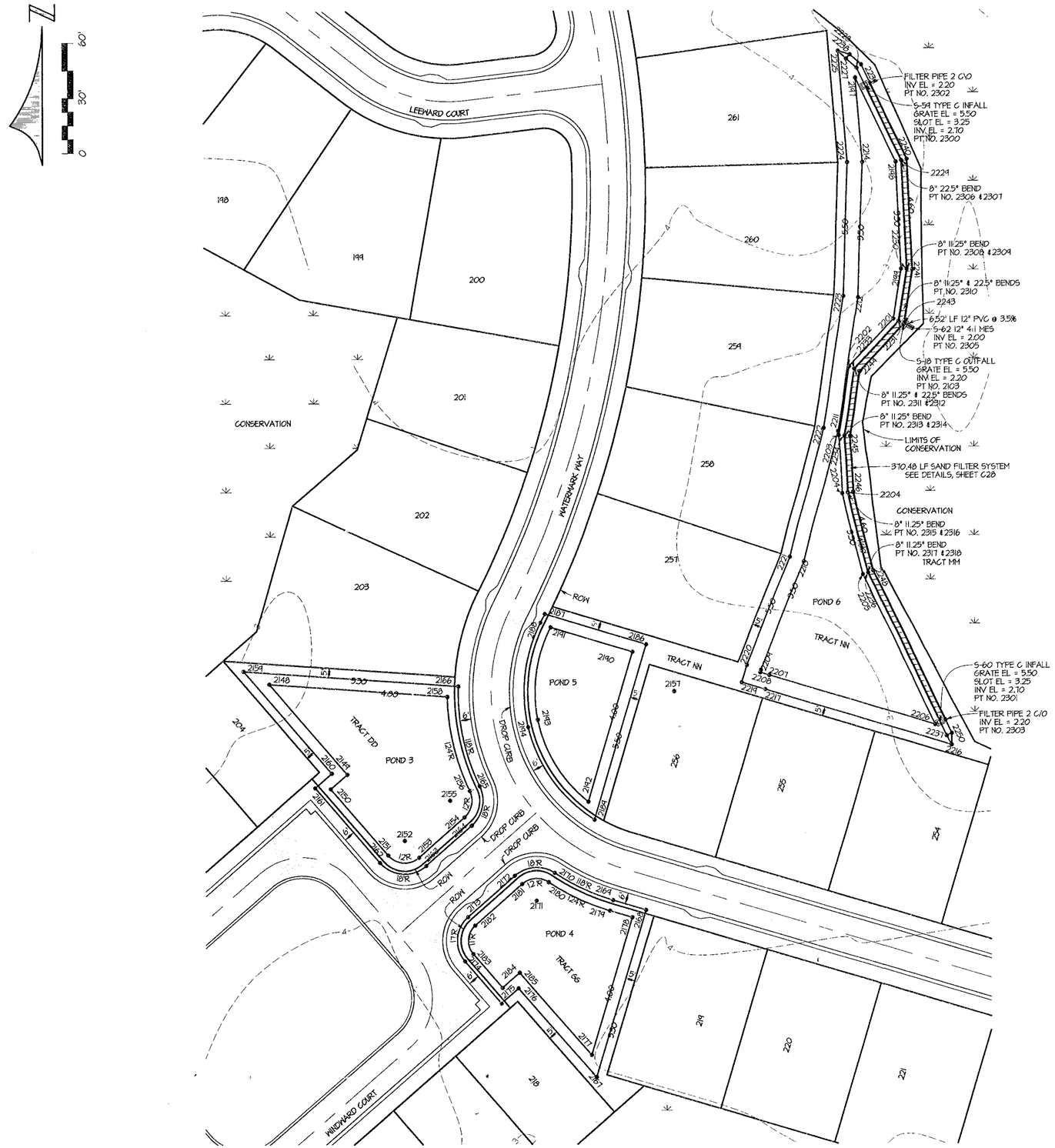
JOB # 9682A FILE # E-2649

PLOTTED Jan 7, 2018 10:13AM

ISSUED 12/01/17 FOR PERMIT

C19

SHEET 19 OF 31



POND COORDINATE TABLE			
PT #	NORTHING	EASTING	DESCRIPTOR
2148	2319.4831	6122.1009	TOS EL=4.00
2149	2270.6362	6164.6041	TOS EL=4.00
2150	2262.7591	6155.5520	TOS EL=4.00
2151	2226.7601	6186.8751	TOS EL=4.00
2152	2234.8318	6145.4284	RADIUS POINT
2153	2225.5051	6803.8055	TOS EL=4.00
2154	2247.3444	6828.8120	TOS EL=4.00
2155	2256.3410	6820.9349	RADIUS POINT
2156	2261.5484	6831.7498	TOS EL=4.00
2157	2315.3281	6443.5036	RADIUS POINT
2158	2312.4730	6814.5364	TOS EL=4.00
2159	2326.5108	6708.0324	TOB EL=5.50
2160	2271.2240	6756.1348	TOB EL=5.50
2161	2263.3464	6741.0871	TOB EL=5.50
2162	2222.8221	6782.3444	TOB EL=5.50
2163	2221.0588	6807.1441	TOB EL=5.50
2164	2242.8180	6832.7506	TOB EL=5.50
2165	2264.1468	6831.1512	TOB EL=5.50
2166	2318.0510	6825.5350	TOB EL=5.50
2167	2106.1404	6400.1242	TOB EL=5.50
2168	2196.8431	6427.1623	TOB EL=5.50
2169	2202.2340	6409.8173	TOB EL=5.50
2170	2217.0646	6878.1646	TOB EL=5.50
2171	2202.0810	6868.1976	RADIUS POINT
2172	2215.6600	6856.3091	TOB EL=5.50
2173	2193.2443	6830.6211	TOB EL=5.50
2174	2164.2605	6828.9551	TOB EL=5.50
2175	2146.4164	6848.8332	TOB EL=5.50
2176	2154.5380	6858.1668	TOB EL=5.50
2177	2118.2444	6848.0743	TOB EL=5.50
2178	2142.8562	6420.2491	TOS EL=4.00
2179	2196.4881	6908.1044	TOS EL=4.00
2180	2212.0734	6874.8422	TOS EL=4.00
2181	2211.1351	6860.3205	TOS EL=4.00
2182	2186.7180	6834.5596	TOS EL=4.00
2183	2173.1990	6833.4820	TOS EL=4.00
2184	2154.8813	6849.4210	TOS EL=4.00
2185	2162.9822	6858.7304	TOS EL=4.00
2186	2340.7167	6428.1307	TOB EL=5.50
2187	2351.2512	6872.8035	TOB EL=5.50
2188	2352.5264	6870.4258	TOB EL=5.50
2189	2245.9016	6849.2699	TOB EL=5.50
2190	2336.7342	6420.6615	TOS EL=4.00
2191	2350.0717	6875.9088	TOS EL=4.00
2192	2255.6068	6846.5003	TOS EL=4.00
2193	2300.0654	6869.0519	TOS EL=4.00
2194	2246.0380	6863.8048	TOB EL=5.50
2197	2648.0424	7042.1418	TOS EL= 3.50
2198	2602.3400	7064.7124	TOS EL= 3.50
2199	2544.4197	7061.5282	TOS EL= 3.50
2201	2517.3280	7063.3770	TOS EL= 3.50
2202	2481.5808	7039.4154	TOS EL= 3.50
2203	2454.1462	7033.6420	TOS EL= 3.50
2204	2422.7499	7035.1834	TOS EL= 3.50
2205	2378.6620	7046.3034	TOS EL= 3.50
2206	2241.0863	7085.3152	TOS EL= 3.50
2207	2323.9538	6985.1151	TOS EL= 3.50
2208	2325.4241	6990.1630	TOS EL= 3.50
2209	2326.1655	6990.5670	TOS EL= 3.50
2210	2305.6600	7014.0412	TOS EL= 3.50
2211	2456.4516	7033.2261	TOS EL= 3.50
2212	2528.4146	7044.1203	TOS EL= 3.50
2214	2602.2717	7046.6438	TOS EL= 3.50
2216	2286.0818	7094.2336	TOB EL=5.50
2217	2316.2867	6992.8391	TOB EL=5.50
2218	2320.0459	6980.2121	TOB EL=5.50
2220	2329.4142	6983.0027	TOB EL=5.50
2221	2388.1451	7006.4345	TOB EL=5.50
2222	2458.0716	7025.3631	TOB EL=5.50
2223	2524.1098	7036.1409	TOB EL=5.50
2224	2602.0862	7038.6321	TOB EL=5.50
2225	2662.6043	7033.7378	TOB EL=5.50
2227	2658.3330	7038.0765	WEIR EL = 4.60
2228	2653.3144	7043.1460	WEIR EL = 4.60
2229	2603.1377	7061.7408	WEIR EL = 4.60
2230	2544.3227	7070.5941	WEIR EL = 4.60
2231	2515.9604	7066.2028	WEIR EL = 4.60
2233	2490.2136	7042.2412	WEIR EL = 4.60
2234	2453.8842	7036.1029	WEIR EL = 4.60
2235	2423.2420	7038.1658	WEIR EL = 4.60
2236	2371.6851	7041.1942	WEIR EL = 4.60
2237	2241.0643	7041.5184	WEIR EL = 4.60
2238	2660.5751	7040.0886	WEIR EL = 4.60
2239	2655.1552	7046.1911	WEIR EL = 4.60
2240	2603.8854	7070.7086	WEIR EL = 4.60
2241	2544.1651	7073.5500	WEIR EL = 4.60
2243	2514.5937	7069.0287	WEIR EL = 4.60
2244	2488.8465	7045.0671	WEIR EL = 4.60
2245	2453.8322	7039.7137	WEIR EL = 4.60
2246	2423.6841	7041.1481	WEIR EL = 4.60
2248	2380.1094	7051.9751	WEIR EL = 4.60
2250	2242.3585	7044.2248	WEIR EL = 4.60

STORM FILTER COORDINATE TABLE			
PT #	NORTHING	EASTING	DESCRIPTOR
2300	2643.9136	7048.2124	S-59 TYPE C INFALL
2301	2298.3605	7088.0191	S-60 TYPE C INFALL
2302	2645.2618	7050.9193	FILTER PIPE 2 C/O
2303	2299.6148	7090.7262	FILTER PIPE 2 C/O
2304	2544.5931	7069.0287	S-61 TYPE C OUTFALL
2305	2511.9044	7074.0414	S-62 12" 4:1 MES
2306	2603.1311	7067.1408	8° 22.5° BEND
2307	2603.8654	7070.7086	8° 22.5° BEND
2309	2544.1651	7073.5500	8° 11.25° BEND
2312	2488.8465	7045.0671	8° 11.25° & 22.5° BENDS
2314	2453.8322	7039.7137	8° 11.25° BEND
2316	2423.6841	7041.1481	8° 11.25° BEND
2318	2380.1094	7051.9751	8° 11.25° BEND
2308	2544.3227	7070.5941	8° 11.25° BEND
2310	2515.9604	7066.2028	8° 11.25° & 22.5° BENDS
2311	2490.2136	7042.2412	8° 11.25° & 22.5° BENDS
2313	2453.8842	7036.1029	8° 11.25° BEND
2315	2423.2420	7038.1658	8° 11.25° BEND
2317	2371.6851	7041.1342	8° 11.25° BEND

COORDINATE GEOMETRY NOTES

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   RETENTION/
   DETENTION AREAS: TO TOP OF BANK AND TOE OF SLOPE UNLESS NOTED OTHERWISE.

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
195 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-7421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com

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SEAN MORGAN HURST LICENSE No. 68813 STATE OF FLORIDA PROFESSIONAL ENGINEER

LAIRD POINT SUBDIVISION PHASE 2 JOB NO. 9682A

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N.89°43'06" E. FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W.

ELEVATION REF. NGVD - NGS BENCHMARK F 280

ELEVATION = 39.266'

PONDS 3, 4, 5, & 6
COORDINATE GEOMETRY

LAIRD POINT SUBDIVISION
PHASE 2

CALLAWAY FLORIDA

SCALE: H: 1"=30' V: N/A

JOB # 9682A FILE # E-2644

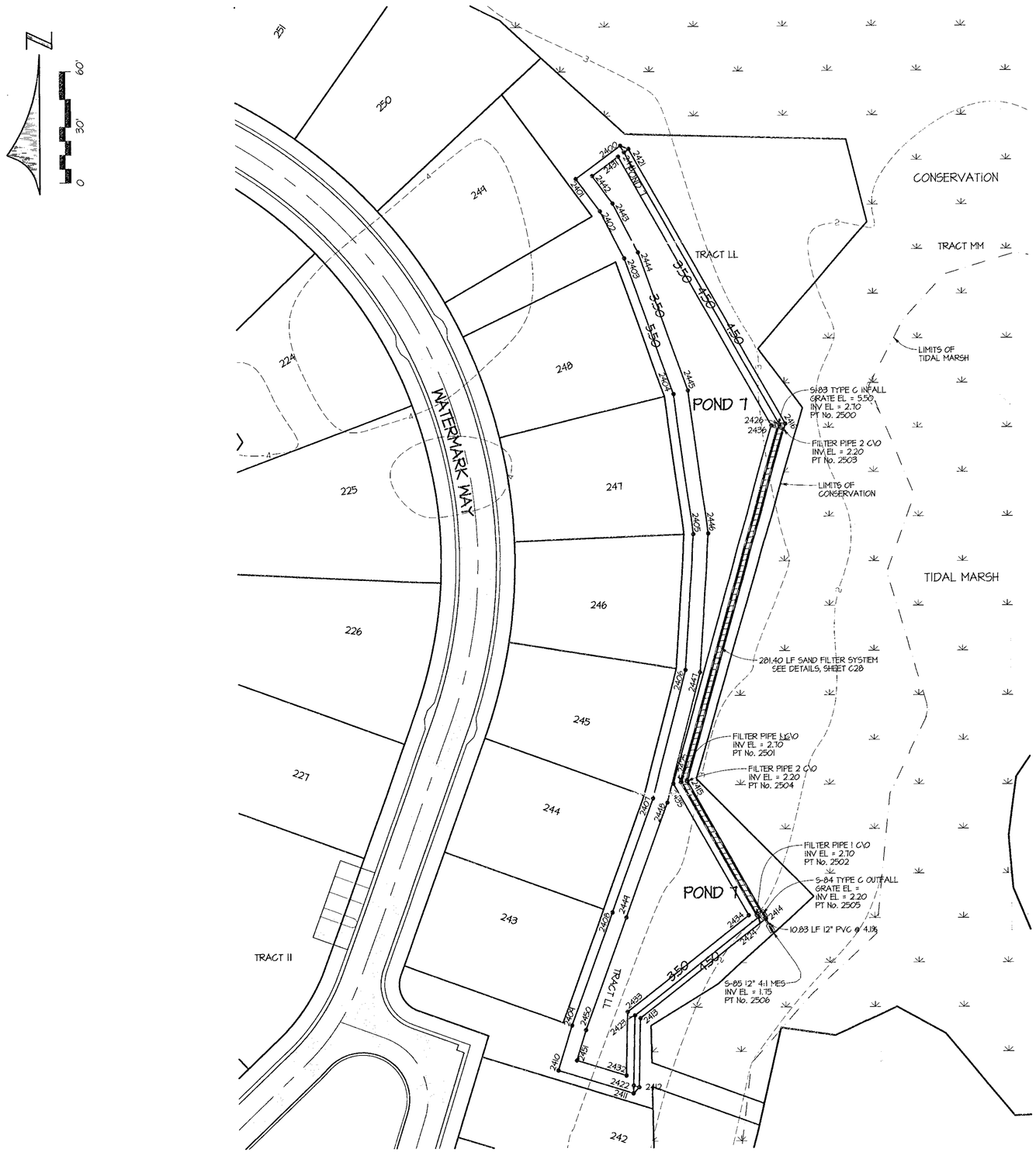
PLOTTED Jan 10, 2013 10:21AM

ISSUED 12/01/12 FOR PERMIT

C20

SHEET 20 OF 31

03-0478-07-05-ST



POND COORDINATE TABLE			
PT #	NORTHING	EASTING	DESCRIPTOR
2400	2120.1140	7427.2468	TOB EL=5.50
2401	2102.3856	7403.1834	TOB EL=5.50
2402	2084.1947	7416.1439	TOB EL=5.50
2403	2059.4942	7429.1106	TOB EL=5.50
2404	1986.2312	7455.3179	TOB EL=5.50
2405	1910.6067	7465.8261	TOB EL=5.50
2406	1831.6817	7461.3526	TOB EL=5.50
2407	1768.1331	7443.6630	TOB EL=5.50
2408	1701.3643	7421.5332	TOB EL=5.50
2409	1646.3364	7399.5266	TOB EL=5.50
2410	1622.1052	7392.1399	TOB EL=5.50
2411	1604.7693	7432.6067	TOB EL=5.50
2412	1613.0149	7435.6718	WEIR EL = 4.50
2413	1650.2043	7436.4848	WEIR EL = 4.50
2414	1703.8541	7504.2170	WEIR EL = 4.50
2415	1718.0642	7462.2616	WEIR EL = 4.50
2416	1661.9856	7515.5582	WEIR EL = 4.50
2421	2118.3484	7431.6626	WEIR EL = 4.50
2422	1613.4235	7432.6468	WEIR EL = 4.50
2423	1651.6800	7433.5162	WEIR EL = 4.50
2424	1704.6121	7500.3423	WEIR EL = 4.50
2425	1777.6745	7454.0385	WEIR EL = 4.50
2426	1969.6010	7512.3351	WEIR EL = 4.50
2431	2116.6065	7424.2241	WEIR EL = 4.50
2432	1611.2844	7428.8123	TOS EL= 3.50
2433	1653.6475	7424.5574	TOS EL= 3.50
2434	1705.6227	7495.1760	TOS EL= 3.50
2435	1776.6436	7454.6009	TOS EL= 3.50
2436	1961.0749	7508.0376	TOS EL= 3.50
2441	2114.2763	7426.0670	TOS EL= 3.50
2442	2103.9105	7411.9972	TOS EL= 3.50
2443	2084.0163	7422.9704	TOS EL= 3.50
2444	2062.6244	7436.4671	TOS EL= 3.50
2445	1988.1501	7463.1888	TOS EL= 3.50
2446	1910.9123	7473.8594	TOS EL= 3.50
2447	1836.4315	7464.2810	TOS EL= 3.50
2448	1766.3715	7451.3116	TOS EL= 3.50
2449	1704.6505	7421.0584	TOS EL= 3.50
2450	1643.8115	7407.1203	TOS EL= 3.50
2451	1621.4246	7402.1250	TOS EL= 3.50

STORM FILTER COORDINATE TABLE			
PT #	NORTHING	EASTING	DESCRIPTOR
2500	1969.0270	7511.6702	S-83 TYPE C INFALL
2501	1777.5301	7458.4929	FILTER PIPE 1 C/O
2502	1705.6641	7449.3247	FILTER PIPE 1 C/O
2503	1961.2279	7514.2841	FILTER PIPE 2 C/O
2504	1771.4285	7461.7170	FILTER PIPE 2 C/O
2505	1705.6702	7502.8692	S-84 TYPE C OUTFALL
2506	1646.5564	7507.9585	S-85 12" 4:1 MES

COORDINATE GEOMETRY NOTES

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REVISIONS

DATE	BY	DESCRIPTION

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9682A

BUCHANAN & HARPER, INC.
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FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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03-0245341-005-SI

SEAL: T. MORGAN HURST, P.E. LICENSE No. 70915 STATE OF FLORIDA PROFESSIONAL ENGINEER 6-16-13

DESIGNED BY JMH DRAWN BY JMH CHECKED BY T_M

BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - N65 BENCHMARK F 240

ELEVATION = 33.2681'

POND 7 COORDINATE GEOMETRY

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H: 1"=30' V: N/A

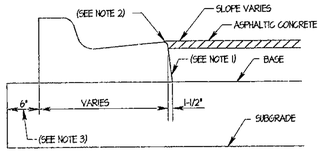
JOB # 9682A FILE # E-2649

PLOTTED Jun 10, 2013 10:21AM

ISSUED 12/01/12 FOR PERMIT

C21

SHEET 21 OF 31

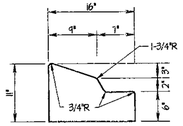


NOTES:

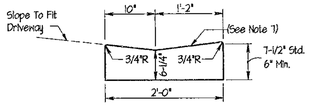
1. WHEN CURB AND/OR GUTTER ARE CONSTRUCTED ADJACENT TO FLEXIBLE PAVEMENT, THE GUTTER FACE SHALL BE SLOPED AS SHOWN IN THIS DETAIL.
2. SURFACE ON LOW SIDE OF PAVEMENT TO BE 1/4" ABOVE LIP OF GUTTER. SURFACE ON HIGH SIDE TO BE FLUSH WITH LIP OF GUTTER.
3. COMPACTED SUBGRADE SHALL EXTEND 6" BEYOND BACK OF CURB OR GUTTER.

CURB AND/OR GUTTER ADJACENT TO FLEXIBLE PAVEMENT

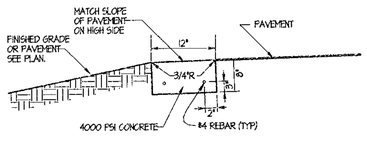
N.T.S.



TYPE A CURB



DROP CURB



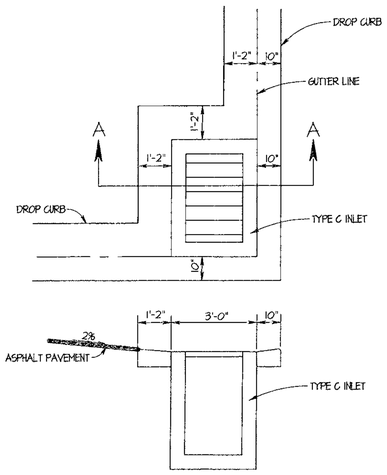
RIBBON CURB

NOTES:

1. WHEN ADJACENT TO RIGID PAVEMENT, PROVIDE JOINT FILLER AND SEALANT IN ACCORDANCE WITH DETAILS CONTAINED HEREIN.
2. PROVIDE 1/8"-1/4" CONTRACTION JOINTS AT 10' O.C (MAX.). CONTRACTION JOINTS ADJACENT TO CONCRETE PAVEMENT ON TANGENTS AND FLAT CURVES ARE TO MATCH THE PAVEMENT JOINTS, WITH INTERMEDIATE JOINTS NOT TO EXCEED 10' CENTERS.
3. PROVIDE 1/2" EXPANSION JOINTS AT 500' O.C., AT THE BEGINNING, MIDDLE AND END OF CURVES, AND AT ALL INLETS.
4. ENDS OF CURBS SHALL TRANSITION FROM FULL TO ZERO HEIGHTS IN 3 FT UNO.
5. COMPACTED SUBGRADE SHALL BE EXTENDED 6" BEYOND BACK OF CURB.
6. CURB AND/OR GUTTER TO BE CONSTRUCTED IN ACCORDANCE WITH FDOT INDEX NO. 300 AND FDOT SPECIFICATION SECTION 520.
7. WHEN USED ON HIGH SIDE OF PAVEMENT, THE CROSS SLOPE OF GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT.

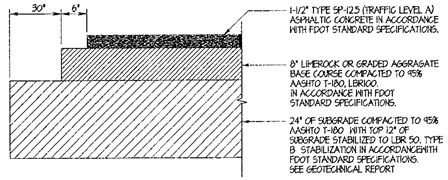
CURB AND/OR GUTTER DETAILS

N.T.S.



DROP CURB AROUND STORM INLET

N.T.S.

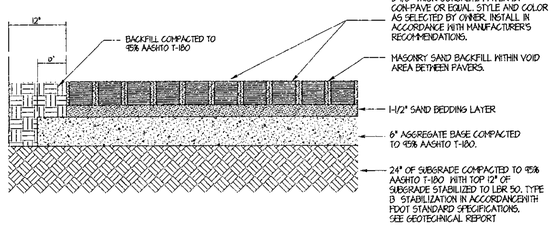


NOTES:

1. ALL MATERIALS AND INSTALLATION PROCEDURES SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF THE FLORIDA DEPARMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", 2004 EDITION, AND SITE SPECIFIC GEOTECHNICAL REPORT.
2. CRUSHED CONCRETE BASE COURSE MAY BE USED IF IT MEETS THE FDOT SPECIFICATION REQUIREMENTS FOR GRADED AGGREGATE BASE.

TYPICAL PAVEMENT SECTION

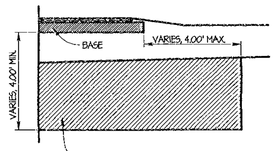
N.T.S.



1. BASE AGGREGATE SHALL BE NATURALLY OCCURING GRAVEL OR CRUSHED ROCK IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 901 AND MEETING THE GRADATION REQUIREMENTS FOR TYPE 5-1 COARSE AGGREGATE IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 931. LIMEROCK OR LIMESTONE SHALL HAVE AN LA ABRASION OF LESS THAN 25%.
2. SAND BEDDING LAYER AND SAND BACKFILL SHALL CONSIST OF WASHED CONCRETE SAND IN ACCORDANCE WITH ASTM C-33.

SEGMENTAL CONCRETE UNIT PAVEMENT DETAIL

N.T.S.



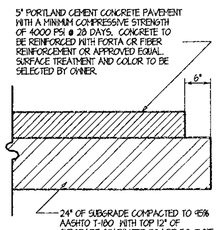
PAVEMENT AREAS

NOTES:

(1) THE CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL BENEATH THE PAVEMENT AREAS A MINIMUM DEPTH OF 4 FEET BENEATH BOTTOM OF BASE COURSE FOR ASPHALT AND BOTTOM OF PAVEMENT FOR CONCRETE. THE ACTUAL DEPTH OF REMOVAL AND REPLACEMENT WILL VARY WITH THE DEPTH OF UNSUITABLE MATERIAL. SEE GEOTECHNICAL REPORT.
(2) THE CONTRACTOR SHALL EXTEND UNSUITABLE MATERIAL REMOVAL LIMITS FOR A DISTANCE EQUAL TO THE DEPTH OF EXCAVATION BEYOND THE IMPROVEMENTS, BUT NOT LESS THAN A DISTANCE OF 3 FEET BEYOND THE EDGE OF CURB LINE.
(3) PRIOR TO REMOVING ANY UNSUITABLE MATERIAL, THE CONTRACTOR SHALL REQUEST AUTHORIZATION FROM THE GEOTECHNICAL ENGINEER.

UNSUITABLE MATERIAL REMOVAL LIMITS

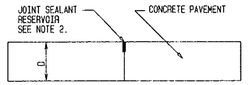
N.T.S.



JOINTS SHALL BE IN ACCORDANCE WITH DETAILS THIS SHEET AND PATTERN REQUIREMENTS OF TECHNICAL SPECIFICATIONS.

CONCRETE PAVEMENT

N.T.S.



NOTES:

1. CONTRACTION JOINTS TO BE PLACED LONGITUDINALLY AND TRANSVERSELY WITH MAX SPACING OF 15' OC. ON RADIUS SECTIONS MAX SPACING TO BE 12' OC AS MEASURED ALONG LONGEST EDGE OF CURVE.
2. JOINT SEALANT RESERVOIR TO BE FILLED WITH SEALANT. TO FORM RESERVOIR, USE GREENSTREAK REMOVABLE JOINT FORMER #863, OR APPROVED EQUAL. RESERVOIR AND SEALANT TO BE IN ACCORDANCE WITH JOINT SEALANT RESERVOIR DETAIL CONTAINED HEREIN.

CONCRETE PAVEMENT CONTRACTION JOINT

N.T.S.

TESTING SCHEDULE

	TEST	TEST IDENTIFICATION	TEST REQUIREMENTS	TEST FREQUENCY
FILL & BACKFILL FOR SITEWORK	MAXIMUM DENSITY OPTIMUM MOISTURE CONTENT	AASHTO T-180 ASTM D-1557	N/A	1 PER SOIL TYPE
	FIELD DENSITY	AASHTO T-191, T-204, T-238 ASTM D-1556, D-2431, D-2922	95% OF MAXIMUM DENSITY	1 PER 500 LF OR 750 SY (MIN OF 3 TESTS ON ALTERNATING 12" LIFTS
	GRADATION	AASHTO M-92	< 15% PASSING NO. 200	1 PER SOIL TYPE
SUBGRADE FOR PAVEMENT	BEARING VALUE	LBR FDOT	50 (TOP 12 INCHES)	1 PER SOIL TYPE
	MAXIMUM DENSITY OPTIMUM MOISTURE CONTENT	AASHTO T-180 ASTM D-1557	N/A	1 PER SOIL TYPE
	FIELD DENSITY	AASHTO T-191, T-204 ASTM D-1556, D-2431	95% OF MAXIMUM DENSITY TOP 24 INCHES	1 PER 500 LF OR 750 SY (MIN OF 3 TESTS
LIMEROCK BASE COURSE	MATERIAL	FDOT SEC 911	FDOT SEC 911	1 PER MATERIAL TYPE
	BEARING VALVES	LBR-FDOT	100 MIN	1 PER MATERIAL TYPE
	MAXIMUM DENSITY OPTIMUM MOISTURE CONTENT	AASHTO T-180 ASTM D-1557	N/A	1 PER SOIL TYPE
	FIELD DENSITY	AASHTO T-191, T-204 ASTM D-1556, D-2431	95% OF MAXIMUM DENSITY 8 INCHES THICK	1 PER 500 LF OR 500 SY (MIN OF 3 TESTS
CRUSHED CONCRETE BASE COURSE	MATERIAL	FDOT SEC. 204	FDOT SEC 204	1 PER MATERIAL TYPE
	GRADATION	AASHTO M-92	FDOT SEC 204	1 PER MATERIAL TYPE
	MAXIMUM DENSITY OPTIMUM MOISTURE CONTENT	AASHTO T-180 ASTM D-1557	N/A	1 PER SOIL TYPE
	FIELD DENSITY	AASHTO T-191, T-204 ASTM D-1556, D-2431	95% OF MAXIMUM DENSITY 8 INCHES THICK	1 PER 500 LF OR 500 SY (MIN OF 3 TESTS
AGGREGATE BASE COURSE	MAXIMUM DENSITY OPTIMUM MOISTURE CONTENT	AASHTO T-180 ASTM D-1557	N/A	1 PER SOIL TYPE
	FIELD DENSITY	AASHTO T-191, T-204 ASTM D-1556, D-2431	95% OF MAXIMUM DENSITY 8 INCHES THICK	1 PER 500 LF OR 500 SY (MIN OF 3 TESTS
TYPE SP ASPHALT SURFACE COURSE	MATERIALS QUALITY	AASHTO T-164, T-30	FDOT SEC 330, 334, 916	1 PER SOIL TYPE
	BITUMEN CONTENT & GRADATION	ASTM D-2172	FDOT SEC 330, 334, 916	1 PER DAY FOR GRADATION
	FIELD DENSITY & THICKNESS	ASTM D-2950	95% OF LAB DENSITY	1 PER 500 LF OR 750 SY (MIN OF 3 TESTS
	AGGREGATE CERTIFICATION	N/A	FDOT SEC 901, 902	1 PER SUPPLIER

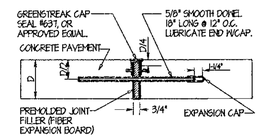
NOTE: TESTING SCHEDULE SHOWN HEREON CONTAINS A SUMMARY OF GEOTECHNICAL COMPLIANCE TESTING REQUIREMENTS REQUIRED AS PART OF THE WORK. REFER TO SPEC SECTION 02000. CONTRACTOR IS SOLELY RESPONSIBLE FOR COORDINATION OF ALL TESTING AND INSURING ALL REQUIRED TESTING HAS BEEN COMPLETED IN ACCORDANCE WITH PROJECT REQUIREMENTS. NEITHER ENGINEER NOR TESTING COMPANY IS RESPONSIBLE FOR COORDINATION OF TESTING OR INSURING TESTING HAS BEEN PERFORMED. TESTING MAY BE REQUIRED ON MATERIALS USED TO CONSTRUCT THE WORK, AT STAGES OF THE WORK, CONCURRENT WITH THE WORK, AND/OR AT COMPLETION OF THE WORK. CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF TEST RESULTS AT ALL STAGES OF CONSTRUCTION AND PRIOR TO PROCEEDING WITH NEXT STAGE OF WORK. NEITHER ENGINEER NOR TESTING COMPANY IS RESPONSIBLE FOR VERIFICATION OF TEST RESULTS IN ACCORDANCE WITH PROJECT REQUIREMENTS, EXCEPT ENGINEER WILL UTILIZE TEST RESULTS UPON COMPLETION OF CONSTRUCTION TO DETERMINE COMPLIANCE WITH PROJECT REQUIREMENTS. FAILURE TO OBTAIN REQUIRED TESTING MAY RESULT IN REMOVAL AND REPLACEMENT AT NO COST TO OWNER.

ENGINEER INSPECTION AND TESTING SCHEDULE

ITEM	INSPECTION	TIMING	PERFORMANCE REQUIREMENTS	SPECIAL REQUIREMENTS
GRADING	VISUAL INSPECTION	UPON COMPLETION AND PRIOR TO VEGETATION	SPEC SECTION 02000, 02200	
VEGETATIVE STABILIZATION	VISUAL INSPECTION	UPON COMPLETION AND PRIOR TO ACCEPTANCE	SPEC SECTION 02000, 02270, 02486, 02495	
SYNTHETIC STABILIZATION (EROSION CONTROL BLANKETS, MATS)	VISUAL INSPECTION	UPON PLACEMENT AND PRIOR TO VEGETATION	SPEC SECTION 02000, 02270	
PAVEMENT	VISUAL INSPECTION	UPON COMPLETION AND PRIOR TO ACCEPTANCE	SPEC SECTION 02000, 02513, 02515	
PAVEMENT MARKINGS	VISUAL INSPECTION	UPON COMPLETION AND PRIOR TO ACCEPTANCE	SPEC SECTION 02000, 02580	
STORM SEWER SYSTEM	VISUAL INSPECTION	UPON COMPLETION AND PRIOR TO ACCEPTANCE	SPEC SECTION 02000, 02430	AS-BUILT SURVEY, SPEC SECTION 02000
STORMWATER MANAGEMENT SYSTEM	VISUAL INSPECTION	UPON COMPLETION AND PRIOR TO ACCEPTANCE	SPEC SECTION 02000, 02200	
PRESSURE SANITARY SEWER	VISUAL INSPECTION	DURING PIPE INSTALLATION	SPEC SECTION 02000, 02730	AS-BUILT SURVEY, SPEC SECTION 02000
	HYDROSTATIC PRESSURE TEST	UPON COMPLETION AND PRIOR TO ACCEPTANCE	SPEC SECTION 02000, 02730	
WATER MAINS	VISUAL INSPECTION	DURING INSTALLATION	SPEC SECTION 02000, 02713	AS-BUILT SURVEY, SPEC SECTION 02000
	HYDROSTATIC PRESSURE TEST	UPON COMPLETION AND PRIOR TO ACCEPTANCE	SPEC SECTION 02000, 02713	

NOTES:

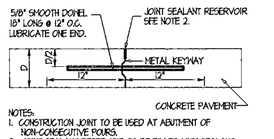
1. CONTRACTOR IS SOLELY RESPONSIBLE FOR COORDINATION OF INSPECTIONS. INSPECTIONS MAY BE REQUIRED AT STAGES OF THE WORK, CONCURRENT WITH THE WORK, AND/OR AT COMPLETION OF THE WORK. CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF INSPECTION RESULTS AT ALL STAGES OF WORK AND PRIOR TO PROCEEDING WITH NEXT STAGE OF WORK. FAILURE TO OBTAIN REQUIRED TESTING MAY RESULT IN REMOVAL AND REPLACEMENT AT NO COST TO OWNER. CONTRACTOR SHALL COORDINATE INSPECTIONS WITH OWNER'S ENGINEER A MINIMUM OF 24 HOURS PRIOR TO INSPECTION.
2. UNLESS DIRECTED OTHERWISE, CONTRACTOR'S REPRESENTATIVE SHALL BE PRESENT DURING INSPECTIONS.
3. IMPROVEMENTS TO BE DEDICATED TO MUNICIPALITY OR THIRD PARTY MAY REQUIRE SPECIAL INSPECTION AND TESTING BY SAID ENTITY. CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION AND COORDINATION OF REQUIREMENTS WITH ENTITY.
4. MUNICIPALITY MAY REQUIRE FINAL INSPECTION PRIOR TO CERTIFICATE OF OCCUPANCY. CONTRACTOR IS SOLELY RESPONSIBLE FOR COORDINATION OF REQUIREMENTS WITH MUNICIPALITY.



1. PROVIDE EXPANSION JOINTS WHERE CONCRETE PAVEMENT ABUTS FIXED OBJECTS SUCH AS CURB, WALK, OR PAVEMENT.
2. DOWELS ARE TO BE USED ONLY AT LOCATIONS OF CONCRETE PAVEMENT INTERSECTIONS TO INSURE THAT NO DISPLACEMENT OF PAVEMENT SURFACES WILL OCCUR OVER WHICH VEHICULAR TRAFFIC MUST PASS.
3. DELETE DOWELS FOR JOINTS ADJACENT TO WALKS OR CURBS.

CONCRETE PAVEMENT EXPANSION JOINT

N.T.S.

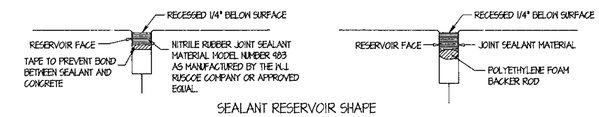


NOTES:

1. CONSTRUCTION JOINT TO BE USED AT ABUTMENT OF NON-CONSECUTIVE POURS.
2. JOINT SEALANT RESERVOIR TO BE FILLED WITH SEALANT. TO FORM RESERVOIR, USE HENKMANN MODEL 151L METAL KEYWAY WITH REMOVABLE SEALANT CAP OR APPROVED EQUAL. HEIGHT OF KEYWAY TO BE EQUAL TO THICKNESS OF PAVEMENT LESS SEALANT CAP. RESERVOIR AND SEALANT TO BE IN ACCORDANCE WITH JOINT SEALANT RESERVOIR DETAIL CONTAINED HEREIN. REMOVE CAP PRIOR TO PLACEMENT OF SEALANT. SUBMIT SAMPLES FOR APPROVAL PRIOR TO CONSTRUCTION.

CONCRETE PAVEMENT CONSTRUCTION JOINT

N.T.S.



SEALANT RESERVOIR SHAPE

JOINT SPACING (FT.)	JOINT WIDTH (IN.)	SEALANT THICKNESS (IN.)	BACKER ROD DIAMETER (IF NEEDED) (IN.)
15 OR LESS	3/8"	3/4"	1/2"
20.00	3/8"	3/4"	1/2"
30.00	1/2"	3/4"	5/8"
40.00	5/8"	1"	3/4"
-	3/4"	1"	7/8"
-	1"	1"	1-1/4"

JOINT SEALANT RESERVOIR DETAIL

N.T.S

REVISIONS			
DATE	BY	DESCRIPTION	

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
755 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1421 FAX (850)784-2620 E-MAIL mail@buchanan-harper.com

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SEAL: MORGAN HURST, LICENSE NO. 56273, STATE OF FLORIDA, PROFESSIONAL ENGINEER

DESIGNED BY JMH | DRAWN BY JMH | CHECKED BY TJM

BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - NGS BENCHMARK F 290 ELEVATION = 33.266'

LAIRD POINT SUBDIVISION - PHASE 2 - 378.42' MSL

SITE SECTIONS & DETAILS

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H. N/A V. N/A

JOB # 9682A FILE # E-2644

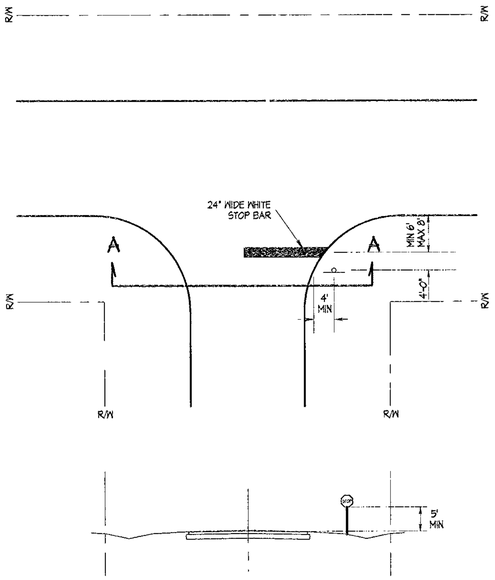
PLOTTED Jan 7, 2013 10:15AM

ISSUED 12/01/12 FOR PERMIT

C22

SHEET 22 OF 31

03-53411-005-52

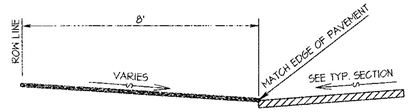


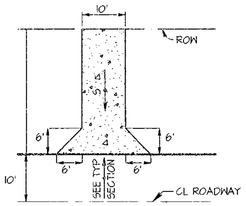
SECTION A-A

NOTES:
1. THIS DETAIL DOES NOT APPLY FOR FDOT RIGHTS-OF-WAY.

STOP SIGN LOCATION DETAIL

NTS

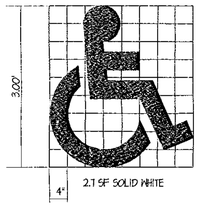




1. DRIVEWAYS SERVING LOTS SHALL BE CONSTRUCTED WITH THE ABOVE PROFILE. FAILURE TO UTILIZE THE ABOVE PROFILE MAY RESULT IN REMOVAL AND REPLACEMENT.
2. DRIVEWAYS SHALL BE CONSTRUCTED BY INDIVIDUAL LOT OWNERS.
3. MAXIMUM CHANGE IN GRADE SHALL BE 12 PERCENT.

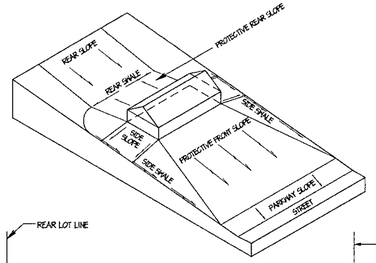
TYPICAL DRIVEWAY DETAIL

NTS

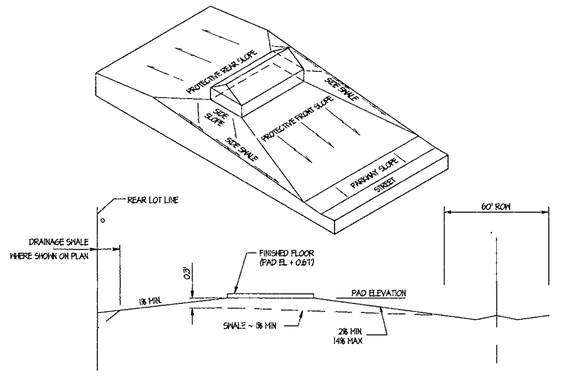


HANDICAP SYMBOL PAINT DETAIL

N.T.S.

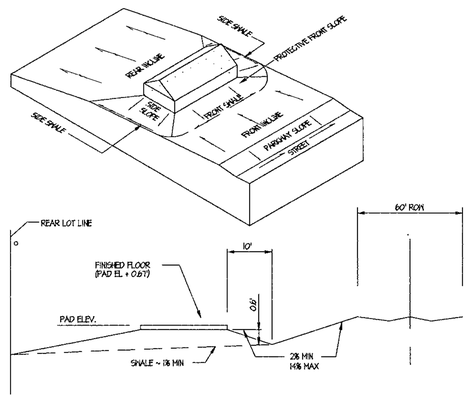


GRADING TYPE "A" - ALL DRAINAGE TO STREET



NOTE: OMIT ROW FOR LOTS 182 AND 183.

GRADING TYPE "B" - DRAINAGE TO BOTH STREET AND REAR LOT LINE

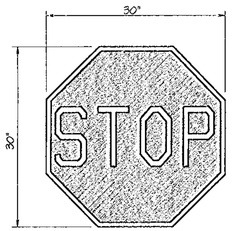


LOT GRADING TYPE "C" - ALL DRAINAGE TO REAR LOT LINE

NOTES:
1. SEE NOTE 3, SHEET 6, FOR MINIMUM FINISHED FLOOR ELEVATION.
2. LOTS 67, 68, 69, & 133 SHALL BE GRADED USING LOT GRADING TYPES "A OR B" SUCH THAT THE FRONT 100 FEET SLOPES TOWARD THE RIGHT OF WAY.
3. LOTS 18 & 78 SHALL BE GRADED USING LOT GRADING TYPES "A OR B" SUCH THAT THE FRONT 200 FEET SLOPES TOWARD THE RIGHT OF WAY.

LOT GRADING DETAIL

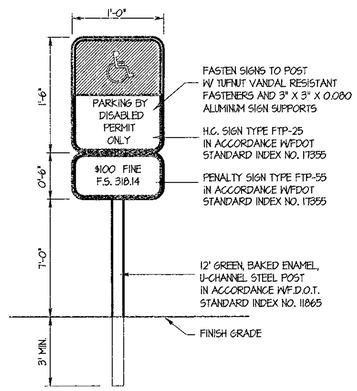
N.T.S.



SIGN TO BE ALUMINUM PANEL WITH WHITE REFLECTORIZED LEGEND AND BORDER ON RED REFLECTORIZED BACKGROUND IN ACCORDANCE WITH MUTCD AND FDOT STANDARD SPECIFICATIONS.

R1-1 STOP SIGN

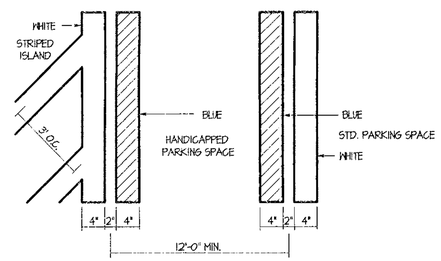
N.T.S.



ONE PER EACH HANDICAP PARKING SPACE LOCATE SIGN AS DIRECTED ON SITE PLAN OR ON RAMP DETAIL

HANDICAP PARKING SIGN

N.T.S.



HANDICAP PARKING STRIPE

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REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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SEAN HURST — LICENSE NO. 68813 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9682A

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF NGVD - NGS BENCHMARK F 280
ELEVATION = 33.366'

SITE SECTIONS & DETAILS

LAIRD POINT SUBDIVISION PHASE 2

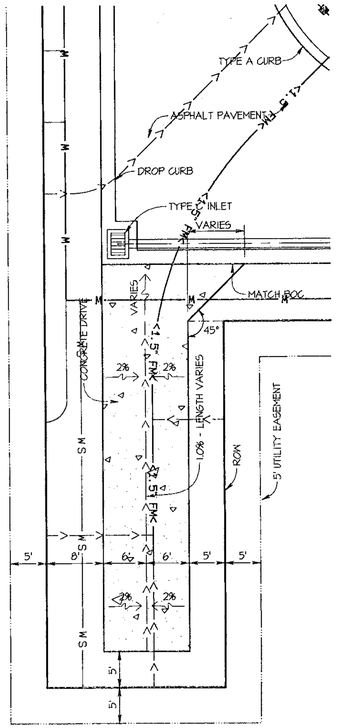
CALLAWAY FLORIDA

SCALE: H. N/A V. N/A
JOB # 9682A FILE # E-2641
PLOTTED Jan 7, 2013 10:16AM
ISSUED 12/01/12 FOR PERMIT

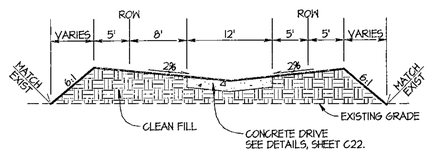
C23

SHEET 23 OF 31

13-0034-005



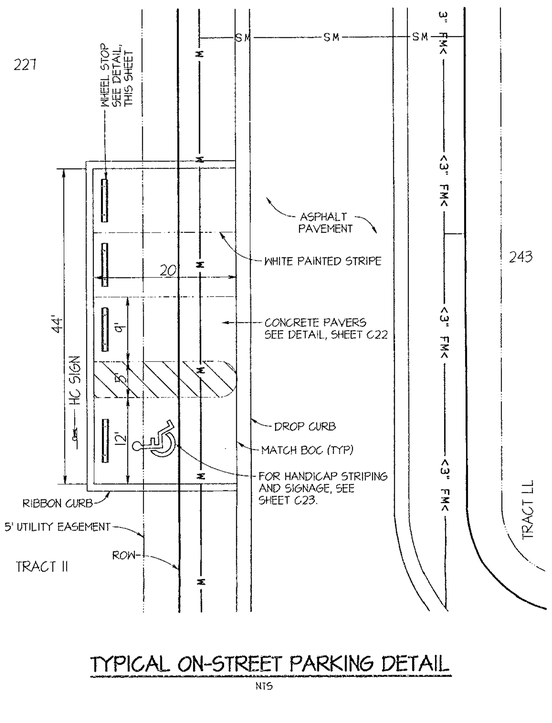
PLAN



SECTION

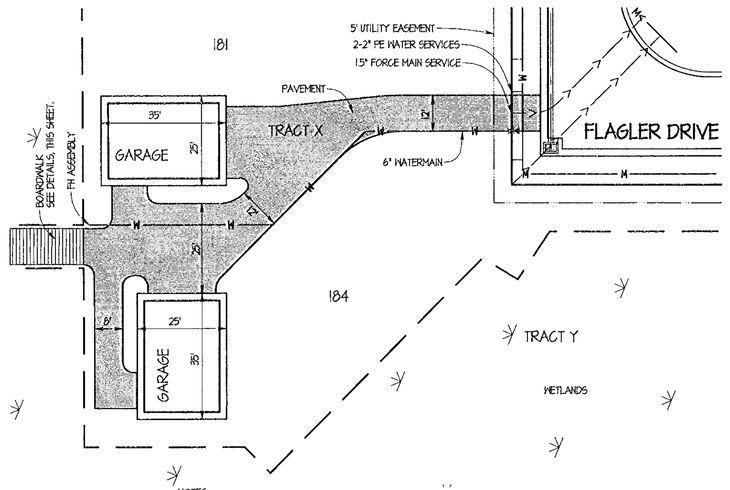
TYPICAL CONCRETE DRIVE DETAIL

NTS



TYPICAL ON-STREET PARKING DETAIL

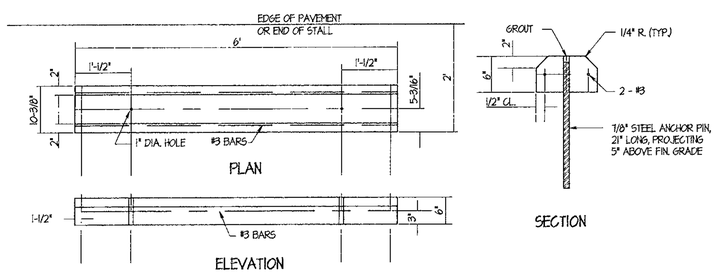
NTS



NOTES:
1. THE TRACT X SITE PLAN IS SHOWN FOR PERMITTING INFORMATION PURPOSES ONLY.
2. THE 6" WATER MAIN AND FIRE HYDRANT ARE TO BE INCLUDED IN THE SCOPE OF WORK OF LAIRD POINT PHASE 2 SUBDIVISION.
3. THE SITE IMPROVEMENTS FOR TRACT X ARE NOT INCLUDED IN THE SCOPE OF WORK OF LAIRD POINT PHASE 2 SUBDIVISION. IT WILL BE THE RESPONSIBILITY OF LOT OWNERS 182 & 183 TO DETERMINE FINAL SITE LAYOUT AND SITE CONSTRUCTION.
4. LOT OWNERS ARE RESPONSIBLE FOR EXTENDING A SINGLE 1.5" SEWER FORCE MAIN TO LOT BUILDING SITES. THEN EACH LOT WILL CONNECT TO THE 1.5" SEWER FORCE MAIN.
5. WATER SERVICE TO BE PROVIDED BY TWO SEPARATE 2-INCH PE WATER SERVICE LINES. SEPARATE WATER METERS ARE TO BE LOCATED AT THE FLAGLER DRIVE RIGHT OF WAY. LOT OWNERS ARE RESPONSIBLE EXTENDING WATER SERVICE TO EACH LOT BUILDING SITE.
6. LOT OWNERS 182 & 183 ARE RESPONSIBLE FOR THE CONSTRUCTION OF THE BOARDWALK ON TRACT X.

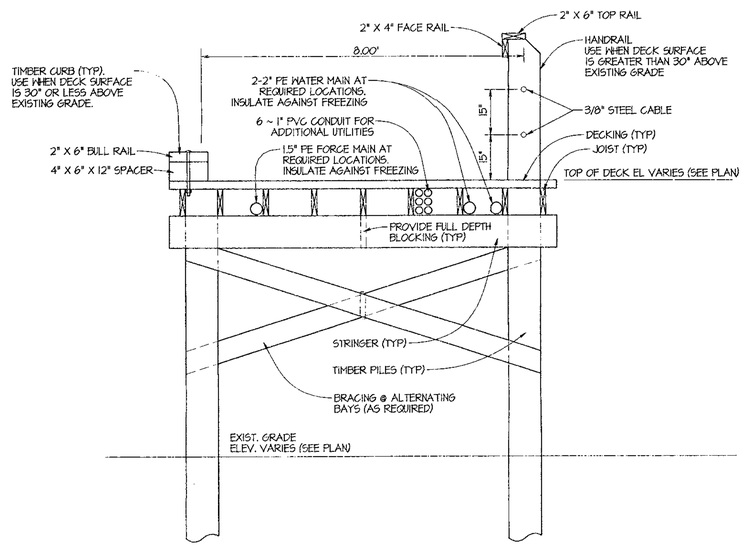
TRACT X SITE PLAN

NTS



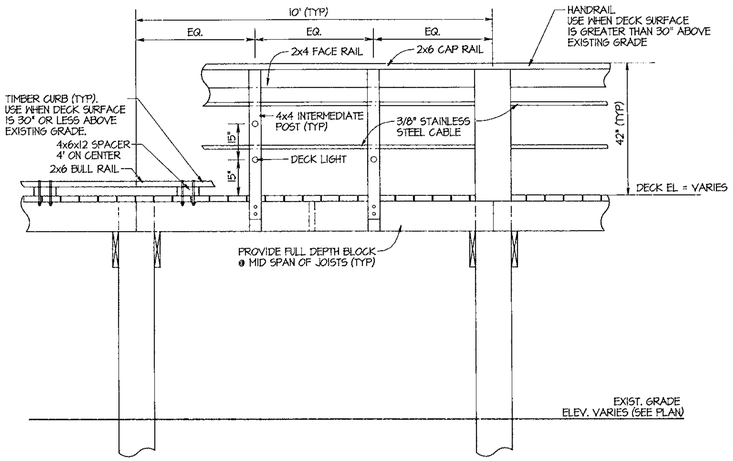
WHEELSTOP DETAIL

N.T.S.



TRACT X TYPICAL BOARDWALK SECTION

N.T.S.



TRACT X TYPICAL BOARDWALK ELEVATION

N.T.S.

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
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SEAL: MORGAN HURST, LICENSE No. 69873, STATE OF FLORIDA, PROFESSIONAL ENGINEER

DESIGNED BY JMH | DRAWN BY JMH | CHECKED BY TJM

BEARING REF. N 89°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - NGS BENCHMARK F 290 ELEVATION = 33.366'

SITE SECTIONS & DETAILS

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H. N/A V. N/A

JOB # 4682A FILE # E-2649

PLOTTED Jan 7, 2013 10:16AM

ISSUED 12/01/12 FOR PERMIT

C24

SHEET 24 OF 31

03-0243-E

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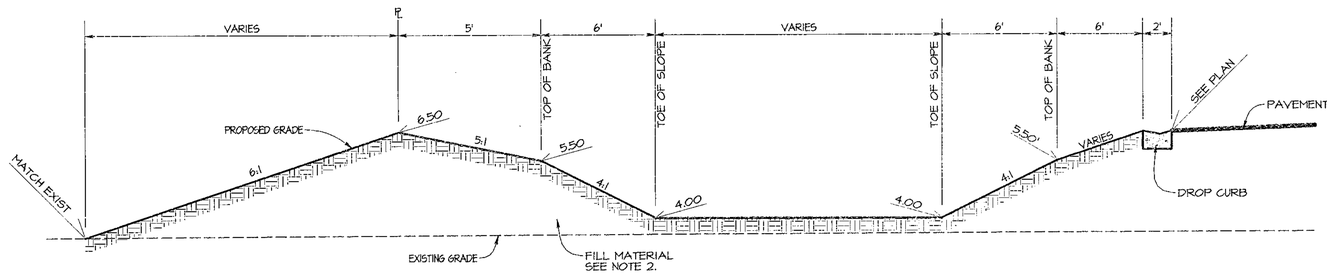
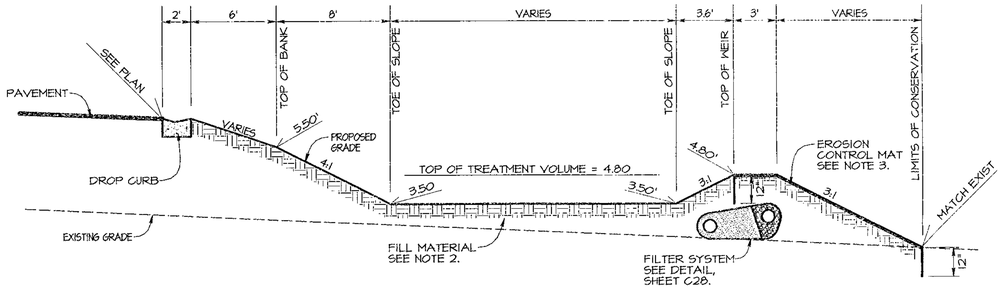
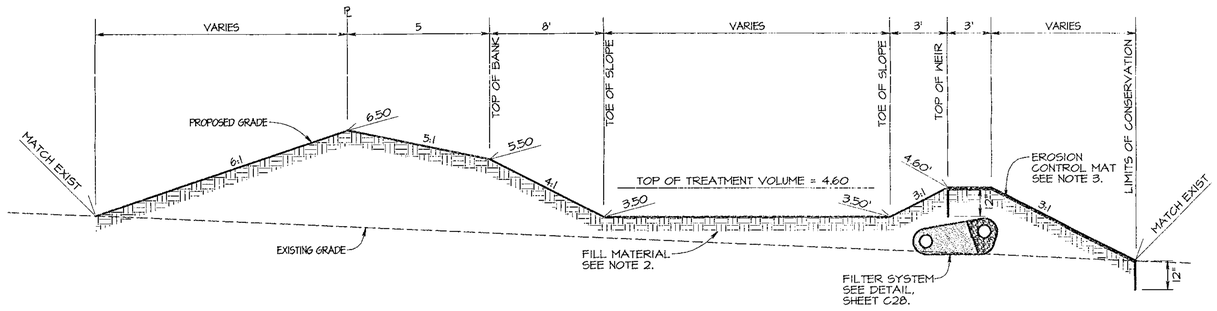


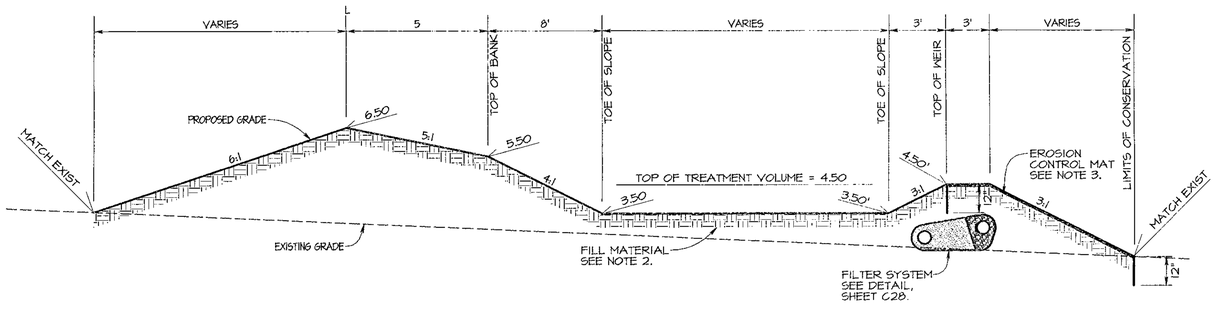
PONDS 1, 3, 4, & 5



POND 2



POND 6

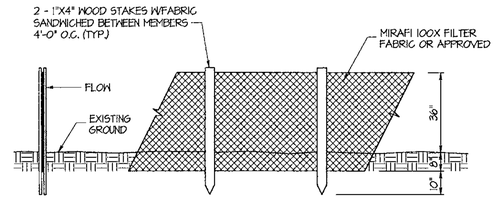


POND 7

NOTES:
1. STABILIZE DISTURBED AREAS WITH SOD.
2. FILL MATERIAL BENEATH BOTTOM OF POND SHALL BE CLEAN FILL FREE OF ALL DELETERIOUS MATTER.
3. EROSION CONTROL MAT SHALL BE ENKAMAT 7010, TENSAR TM3000, MIRAFI MIRAMAT OR APPROVED EQUAL. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PLACE MAT WITH LONG DIMENSION FROM TOP OF SLOPE TO BOTTOM OF SLOPE. STAKE MAT 3 FOOT ON-CENTER EACH WAY WITH STAPLES FROM MAT MANUFACTURER. AT THE TOE OF SLOPE, TOE IN MAT 12 INCHES DOWN. LAP VERTICAL JOINTS A MINIMUM OF 6 INCHES AND STAPLE AT 18 INCHES ON-CENTER.

TYPICAL POND GRADING DETAILS

NTS

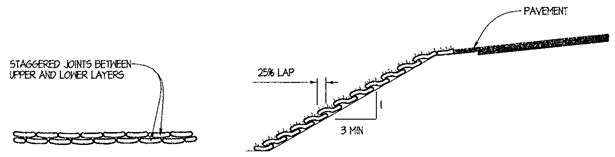


GEOTEXTILE BARRIER

NOTE:
TO BE USED TO PREVENT SEDIMENT TRANSPORT OR SILTATION OF STREAMS, DITCHES, ENVIRONMENTAL AREAS, RETENTION/DETENTION AREAS AND OFF-SITE AREAS. SEDIMENT CONTROL BARRIERS BY APPROVED MANUFACTURERS MAY BE USED IN LIEU OF BARRIERS CONTAINED HEREIN. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, EXCEPT BOTTOM SHALL BE TOED-IN AS CONTAINED HEREIN.

SEDIMENT CONTROL BARRIER

N.T.S.



TRANSVERSE SECTION

LONGITUDINAL SECTION

NOTES:
1. SOD TO BE LAPPED IN ACCORDANCE WITH THIS DETAIL WHEN SLOPES ARE STEEPER THAN 3:1, OR WHEN SLOPES ARE 3:1 TO 4:1 WITH A LENGTH GREATER THAN 4'.

TYPICAL SOLID SOD DETAIL FOR STEEP SLOPES

NTS

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
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FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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SEAL: J. MORGAN HURST, LICENSE No. 68615, 6-7-13, STATE OF FLORIDA, PROFESSIONAL ENGINEER, NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 89°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W.

ELEVATION REF. NGVD - NGS BENCHMARK E 230

ELEVATION = 33.268'

GRADING DETAILS

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H: AS NOTED V: N/A

JOB # 9682A FILE # E-2649

PLOTTED Jan 7, 2013 10:17AM

ISSUED 12/01/12 FOR PERMIT

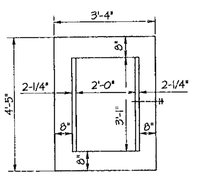
C25

SHEET 25 OF 31

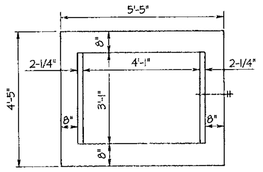
LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 9682A

T:\9500\9600\9682 - Laird Point Phase 2\Temp\Data\Construction Revs\As Plans\9682A-C25

08-02463-H-SCS-FE



PLAN



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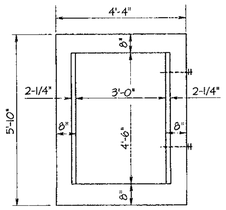

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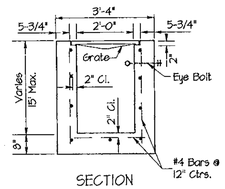
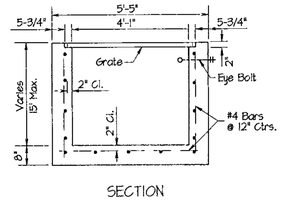


SECTION

TYPE C

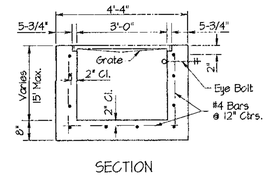
Recommended Maximum Pipe Size:
2'-0" Wall-18" Pipe
3'-1" Wall-24" Pipe



SECTION

TYPE D

Recommended Maximum Pipe Size:
3'-1" Wall-24" Pipe
4'-1" Wall-36" Pipe



SECTION

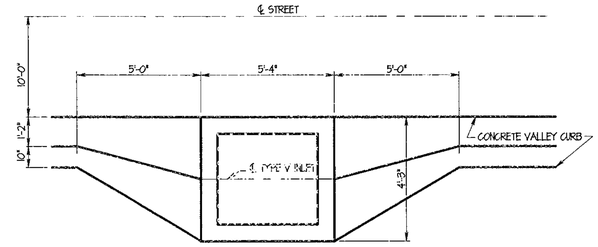
TYPE E

Recommended Maximum Pipe Size:
3'-0" Wall-24" Pipe
4'-6" Wall-42" Pipe

STANDARD GRATES		
INLET TYPE	CAST IRON GRATE	RETICULINE STEEL GRATE
TYPE C	USF 6212	N/A
TYPE D	USF 6280*	N/A
TYPE E	USF 6290	N/A

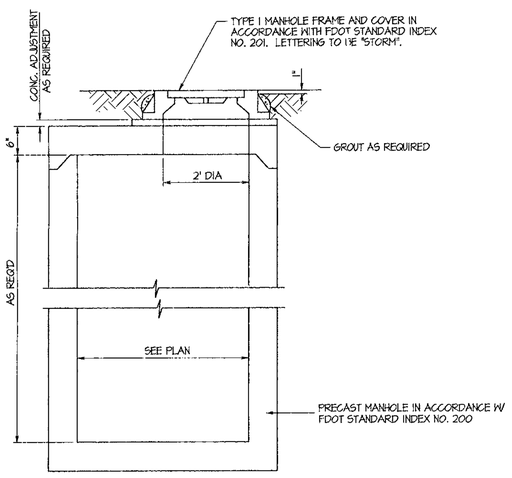
NOTES:
1. ALL GRATES SHALL BE CAST IRON, H-20 TRAFFIC RATED, UNLESS OTHERWISE SHOWN ON PLAN. GRATE SHALL BE MANUFACTURED BY US FOUNDRY, MODEL NUMBER AS SHOWN, OR EQUAL.
2. (*)TYPE D INLET TO BE MODIFIED FOR FOUR-SIDE BEARING WITH CAST IRON GRATES.
3. RECOMMENDED MAXIMUM PIPE SIZES SHOWN ARE FOR CONCRETE PIPE.
4. ALL EXPOSED CORNERS AND EDGES OF CONCRETE ARE TO BE CHAMFERED 3/4".

INLETS



GUTTER TRANSITION INTO TYPE V INLET

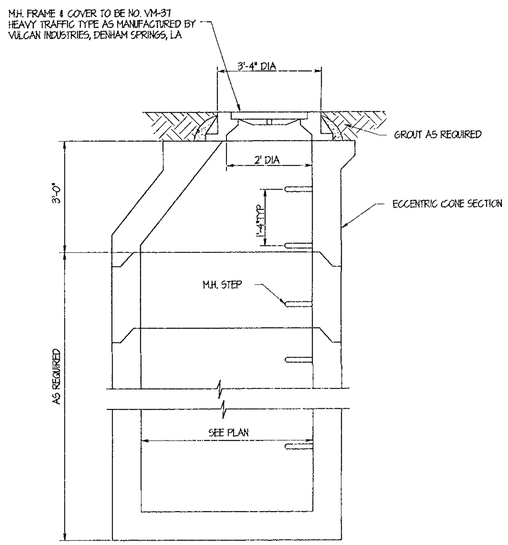
N.T.S.



NOTE:
1. FOR PLACEMENT IN GRASSED AREAS, SLOPE FROM RING ELEVATION @ 6:1 TO MATCH EXISTING.

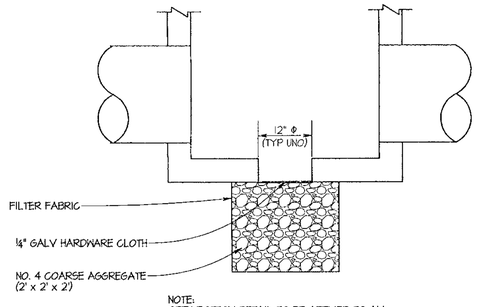
MANHOLE SECTION
DEPTHS LESS THAN 6 FEET

N.T.S.



MANHOLE SECTION
DEPTHS GREATER THAN 6 FEET

N.T.S.



NOTE:
OPEN BOTTOM DETAIL TO BE APPLIED TO ALL MANHOLES AND INLETS.

INLET OPEN BOTTOM DETAIL

NTS

35 of 40

08-0945A1-005-SI

REVISIONS

DATE	BY	DESCRIPTION
07/16/07	jm	ADDED FILTER SYSTEM DETAILS

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FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
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SEAL: JAMES T. MORGAN HURST, LICENSE NO. 56613, STATE OF FLORIDA, PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T-4 S, R 13 W
ELEVATION REF NGVD - NGS BENCHMARK F 230
ELEVATION = 33.268'

STORMWATER DETAILS

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H: N/A V: N/A
JOB # 9682A FILE # E-2644
PLOTTED Jan 7, 2013 10:17AM
ISSUED 12/01/12 FOR PERMIT

SHEET C26
SHEET 26 OF 31

JOB NO. 9682A

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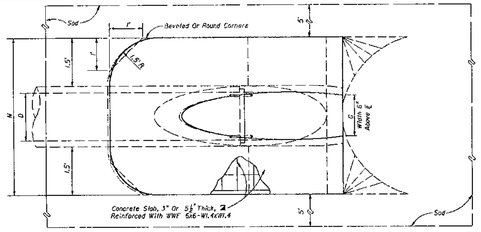
DIMENSIONS AND QUANTITIES

	D	X	A	B	C	E	F	G	H ■	M Single Pipe	M Double Pipe	M Triple Pipe	M Quad. Pipe	N	5½" CONCRETE SLAB (CY) ▲ Single Pipe	5½" CONCRETE SLAB (CY) ▲ Double Pipe	5½" CONCRETE SLAB (CY) ▲ Triple Pipe	5½" CONCRETE SLAB (CY) ▲ Quad. Pipe	SODDING (SQ. YDS.) Single Pipe	SODDING (SQ. YDS.) Double Pipe	SODDING (SQ. YDS.) Triple Pipe	SODDING (SQ. YDS.) Quad. Pipe
1:2 Slope	15"	2'-1"	1'-9"	3'-8"	4'-0"	2'-0"	5"	1'-6"	2'-9"	4.63	7.20	9.76	12.31	1.92	0.38	0.58	0.77	0.96	21	24	27	30
	18"	2'-4"	1'-9"	3'-8"	4'-0"	2'-0"	5"	1'-6"	3'-4"	4.92	7.65	10.36	13.42	1.92	0.44	0.65	0.87	1.03	23	25	28	31
	24"	2'-10"	2'-0"	3'-8"	4'-0"	2'-0"	5"	1'-6"	4'-0"	5.50	8.58	11.64	15.17	1.92	0.52	0.83	1.12	1.42	24	28	32	35
	30"	3'-5"	2'-0"	3'-8"	4'-0"	2'-0"	5"	1'-6"	4'-8"	6.08	9.53	14.98	18.83	1.92	0.66	1.09	1.50	1.91	26	31	35	40
	36"	4'-0"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	5'-4"	6.66	10.79	15.81	20.82	1.93	0.81	1.25	1.66	2.08	28	33	39	45
	42"	4'-6"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	6'-0"	7.24	11.98	17.65	23.25	1.98	0.97	1.70	2.45	3.09	30	37	43	50
	48"	5'-1"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	6'-8"	7.83	12.98	19.33	25.68	1.98	1.13	2.04	2.93	3.84	32	41	47	54
	54"	5'-7"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	7'-4"	8.42	14.00	21.02	28.05	1.98	1.31	2.44	3.58	4.73	34	45	51	58
	60"	6'-2"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	8'-0"	9.00	15.00	22.50	30.00	1.98	1.50	2.80	4.28	5.76	36	48	55	64
	66"	6'-9"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	8'-8"	9.58	16.02	24.39	32.76	1.98	1.68	3.25	4.84	6.43	38	52	58	68
	72"	7'-3"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	9'-4"	10.16	17.04	25.92	34.80	1.98	1.86	3.74	5.58	7.45	40	56	63	73
1:4 Slope	15"	2'-1"	2'-0"	5'-1"	5'-8"	2'-0"	9"	1'-6"	4'-0"	4.63	7.20	9.76	12.31	1.92	0.52	0.87	1.15	1.44	23	26	29	32
	18"	2'-4"	2'-0"	5'-1"	5'-8"	2'-0"	9"	1'-6"	4'-8"	4.92	7.65	10.36	13.42	1.92	0.66	0.99	1.31	1.65	25	28	31	35
	24"	2'-10"	2'-0"	5'-1"	5'-8"	2'-0"	9"	1'-6"	5'-4"	5.50	8.58	11.64	15.17	1.92	0.83	1.24	1.65	2.07	26	32	36	40
	30"	3'-5"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	6'-0"	6.08	9.53	14.98	18.83	1.92	1.10	1.74	2.39	3.05	28	36	41	46
	36"	4'-0"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	6'-8"	6.66	10.79	15.81	20.82	1.93	1.38	2.13	2.88	3.64	30	40	45	52
	42"	4'-6"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	7'-4"	7.24	11.98	17.65	23.25	1.98	1.59	2.56	3.58	4.59	32	44	50	58
	48"	5'-1"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	8'-0"	7.83	12.98	19.33	25.68	1.98	1.81	3.00	4.21	5.41	34	48	56	63
	54"	5'-7"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	8'-8"	8.42	14.00	21.02	28.05	1.98	2.04	3.50	5.17	6.84	36	52	59	68
	60"	6'-2"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	9'-4"	9.00	15.00	22.50	30.00	1.98	2.30	4.00	5.80	7.60	38	56	64	75
	66"	6'-9"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	9'-8"	9.58	16.02	24.39	32.76	1.98	2.58	4.54	6.58	8.64	40	59	69	80
	72"	7'-3"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	10'-4"	10.16	17.04	25.92	34.80	1.98	2.88	5.14	7.42	9.72	42	63	74	86
	15"	2'-1"	1'-9"	3'-8"	4'-0"	2'-0"	5"	1'-6"	2'-9"	4.63	7.20	9.76	12.31	1.92	0.38	0.58	0.77	0.96	21	24	27	30
	18"	2'-4"	1'-9"	3'-8"	4'-0"	2'-0"	5"	1'-6"	3'-4"	4.92	7.65	10.36	13.42	1.92	0.44	0.65	0.87	1.03	23	25	28	31
	24"	2'-10"	2'-0"	3'-8"	4'-0"	2'-0"	5"	1'-6"	4'-0"	5.50	8.58	11.64	15.17	1.92	0.52	0.83	1.12	1.42	24	28	32	35
	30"	3'-5"	2'-0"	3'-8"	4'-0"	2'-0"	5"	1'-6"	4'-8"	6.08	9.53	14.98	18.83	1.92	0.66	1.09	1.50	1.91	26	31	35	40
	36"	4'-0"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	5'-4"	6.66	10.79	15.81	20.82	1.93	0.81	1.25	1.66	2.08	28	33	39	45
	42"	4'-6"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	6'-0"	7.24	11.98	17.65	23.25	1.98	0.97	1.70	2.45	3.09	30	37	43	50
	48"	5'-1"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	6'-8"	7.83	12.98	19.33	25.68	1.98	1.13	2.04	2.93	3.84	32	41	47	54
	54"	5'-7"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	7'-4"	8.42	14.00	21.02	28.05	1.98	1.31	2.44	3.58	4.73	34	45	51	58
	60"	6'-2"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	8'-0"	9.00	15.00	22.50	30.00	1.98	1.50	2.80	4.28	5.76	36	48	55	64
	66"	6'-9"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	8'-8"	9.58	16.02	24.39	32.76	1.98	1.68	3.25	4.84	6.43	38	52	58	68
	72"	7'-3"	2'-0"	3'-8"	4'-0"	2'-0"	5"	2'-0"	9'-4"	10.16	17.04	25.92	34.80	1.98	1.86	3.74	5.58	7.45	40	56	63	73
	15"	2'-1"	2'-0"	5'-1"	5'-8"	2'-0"	9"	1'-6"	4'-0"	4.63	7.20	9.76	12.31	1.92	0.52	0.87	1.15	1.44	23	26	29	32
	18"	2'-4"	2'-0"	5'-1"	5'-8"	2'-0"	9"	1'-6"	4'-8"	4.92	7.65	10.36	13.42	1.92	0.66	0.99	1.31	1.65	25	28	31	35
	24"	2'-10"	2'-0"	5'-1"	5'-8"	2'-0"	9"	1'-6"	5'-4"	5.50	8.58	11.64	15.17	1.92	0.83	1.24	1.65	2.07	26	32	36	40
	30"	3'-5"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	6'-0"	6.08	9.53	14.98	18.83	1.92	1.10	1.74	2.39	3.05	28	36	41	46
	36"	4'-0"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	6'-8"	6.66	10.79	15.81	20.82	1.93	1.38	2.13	2.88	3.64	30	40	45	52
	42"	4'-6"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	7'-4"	7.24	11.98	17.65	23.25	1.98	1.59	2.56	3.58	4.59	32	44	50	58
	48"	5'-1"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	8'-0"	7.83	12.98	19.33	25.68	1.98	1.81	3.00	4.21	5.41	34	48	56	63
	54"	5'-7"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	8'-8"	8.42	14.00	21.02	28.05	1.98	2.04	3.50	5.17	6.84	36	52	59	68
	60"	6'-2"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	9'-4"	9.00	15.00	22.50	30.00	1.98	2.30	4.00	5.80	7.60	38	56	64	75
	66"	6'-9"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	9'-8"	9.58	16.02	24.39	32.76	1.98	2.58	4.54	6.58	8.64	40	59	69	80
	72"	7'-3"	2'-0"	5'-1"	5'-8"	2'-0"	9"	2'-0"	10'-4"	10.16	17.04	25.92	34.80	1.98	2.88	5.14	7.42	9.72	42	63	74	86

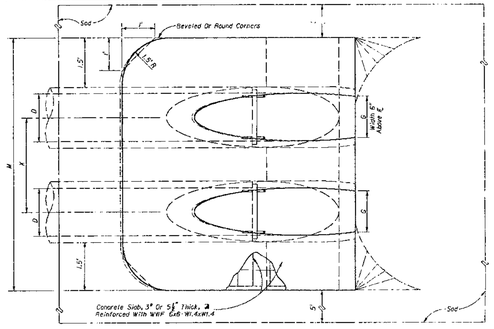
■ Values shown for estimating plan quantities and are for information only.

▲ See General Note No. 5. See Sheet 5 Of 6 For 3" Slab Quantities

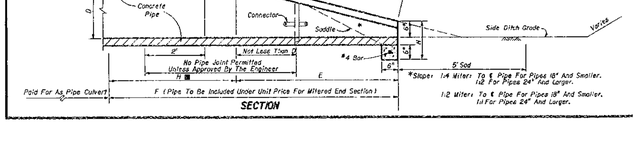
B E
△ 6.42' △ 6.25' Dimensions permitted to allow use of 8' standard pipe lengths.
◇ 10.40' ◇ 10.40' Dimensions permitted to allow use of 8' standard pipe lengths.
△◇ Concrete slab shall be deepened to form bridge quroua crown of pipe. See section below.



TOP VIEW-SINGLE PIPE



TOP VIEW-MULTIPLE PIPE



NOTE: See sheet 6 for details and notes.

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

CROSS DRAIN MITERED END SECTION

SINGLE AND MULTIPLE ROUND CONCRETE PIPE

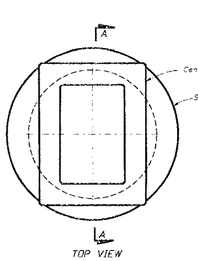
	Name	Date
Designed By	JDS	06/78
Drawn By		
Checked By	KW	06/78

Approved By: [signature]
ASS'T DIRECTOR, STATE TRAFFIC ENGINEER

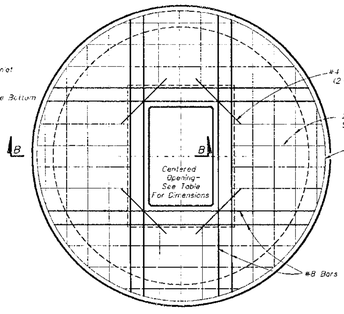
Revision	Sheet No.
02	1 of 6

Index No. 272

P:\ROADWAY\STDS\00272

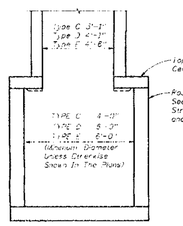


TOP VIEW

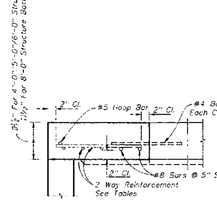


TOP SLAB REINFORCING DIAGRAM

TOP SLAB OPENINGS		
DIAMETER	OPENING SIZE MIN.	MAX.
2'-0"	2'-0" x 2'-0"	2'-8" x 4'-0"
3'-0"	3'-0" x 3'-0"	3'-3" x 5'-10"
4'-0"	3'-0" x 3'-3"	3'-0" x 9'-6"



SECTION AA

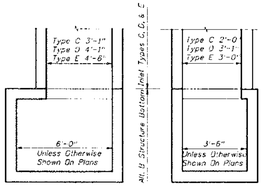


SECTION BB

TOP SLAB REINFORCING SCHEDULE	
SCHEDULE	GRADE 60 (SAE) OR 65 KSI & 70 KSI (WIRE FABRIC) In² / Ft
A	0.20
B	0.34
C	0.37
D	0.53
E	0.73
F	1.06
G	1.45

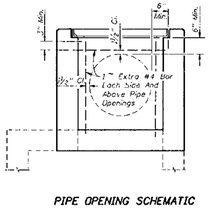
TOP SLAB WITH CENTERED OPENING		
SLAB DEPTH	SLAB THICKNESS	REINFORCING (2 WAYS) SCHEDULE
SIZE: 4'-0"		
20.5'< 40'	9½"	C
SIZE: 5'-0"		
20.5'< 30'	9½"	C
30'-50'	9½"	D
SIZE: 6'-0"		
0.5'< 8'	9½"	B
8'< 18'	9½"	C
18'< 30'	9½"	D
30'< 37'	9½"	E
37'-40'	9½"	G
SIZE: 8'-0"		
20.5'< 9'	11½"	C
9'< 15'	11½"	D
15'< 23'	11½"	E
23'< 33'	11½"	E
33'-40'	11½"	G

ALT. A STRUCTURE BOTTOM FOR INLETS TYPE C, D AND E



See Index No. 200 for structure bottom details and hole reinforcement.

ALT. B STRUCTURE BOTTOM FOR INLETS TYPE C, D & E



PIPE OPENING SCHEMATIC

REVISIONS
DATE | BY | DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
ENGINEERING & SURVEYING CERTIFICATE OF AUTHORIZATION NO. 2912
FLORIDA SURVEYING & MAPPING CERTIFICATE OF AUTHORIZATION NO. 2312
135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1421 FAX (850)784-2120 E-MAIL: mail@buchanan-harper.com
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SEALED MORGAN HURST No. 60813 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEALED MICHAEL J. MORGAN No. 21474 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEALED JOHN T. HURST No. 60813 STATE OF FLORIDA PROFESSIONAL ENGINEER

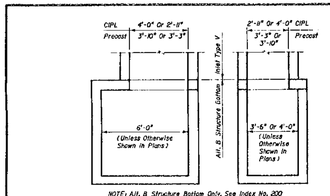
LANDS POINT SOUTH-SIGN PHASE 2 JOB NO. 98624

03-0845340-005-SI

2010 FDOT Design Standards

DITCH BOTTOM INLET
TYPES C, D, E & H

Last Revision 07/01/05 | Sheet No. 7 of 7 | Index No. 232

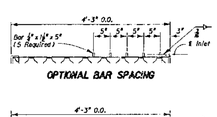


NOTE: Alt. B Structure Bottom Only. See Index No. 200 for structure bottom details and hole reinforcement. (For Pipes 30" Dia. And Larger)

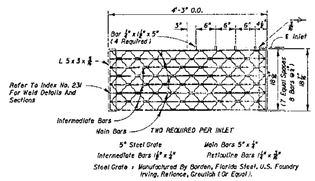
INLET WITH STRUCTURE BOTTOM

RECOMMENDED MAXIMUM PIPE SIZES	
Inlet Inside Width	Pipe Size
2'-8" Or 3'-3"	24"
4'-0" Or 3'-0"	30"

Note: Recommended sizes are for concrete pipe. Sizes for other types of pipe must be verified for fit in accordance with Index No. 206. For larger pipe see bottom detail above and Index No. 200.



OPTIONAL BAR SPACING



5" Steel Grate — Main Bars 5"x¾" — Intermediate Bars 1⅛"x¾" — Perimeter Bars 1¼"x⅜"

Steel Grate : Manufactured By Borden, Florida Steel, U.S. Foundry Irving, Reliance, Greulich (Or Equal).

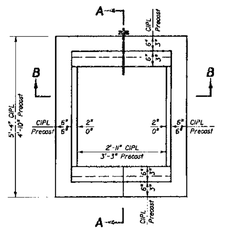
STEEL GRATE

GENERAL NOTES

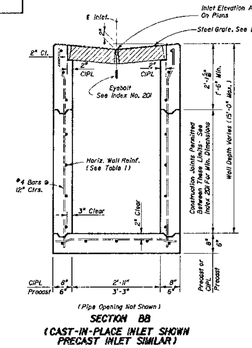
1. This inlet is suitable for village swales, ditches, or other areas subject to heavy wheel loads, minimum debris, and bicycle traffic. This inlet may be placed in areas subject to occasional pedestrian traffic such as landscaped areas and pavement areas where pedestrians can walk around the inlet.
2. When alternate "S" grate is specified in plans, the grate is to be hot dipped galvanized after fabrication.
3. All reinforcing Grade 60 bars with 2" min. cover unless otherwise noted. See Index No. 200 For equivalent area of welded wire fabric. Cut or bend bars out of way of pipe to clear pipe ½".
4. All exposed edges and corners shall be ¾" chamfer or tooled to ¾" radius.
5. All dimensions are for both precast and cast-in-place inlets unless otherwise noted.
6. For supplementary details see Index No. 201.
7. Inlet to be paid for under the contract unit price for Inlets (Gutter Type V), EA.

HORIZONTAL WALL REINFORCING SCHEDULE (TABLE I)

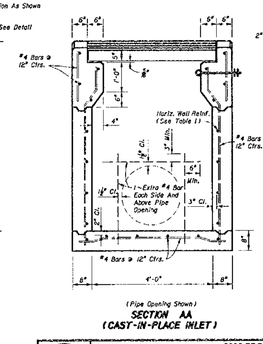
WALL DEPTH	SCHEDULE	AREA (In²/Ft)	MAX. SPACING BARS	MAX. SPACING WWF
0' - 5'	A12	0.20	12"	8"
5' - 9'	A6	0.32	6"	5"
9' - 12'	A4	0.40	4"	3"
9' - 15'	B5.5	0.24	5½"	5"



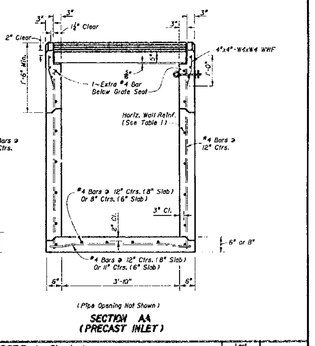
PLAN
(CAST-IN-PLACE INLET SHOWN WITHOUT GRATE; PRECAST INLET SIMILAR)



(Pipe Opening Not Shown)
SECTION BB
(CAST-IN-PLACE INLET SHOWN PRECAST INLET SIMILAR)



(Pipe Opening Shown)
SECTION AA
(CAST-IN-PLACE INLET)



(Pipe Opening Not Shown)
SECTION AA
(PRECAST INLET)

2006 FDOT Design Standards

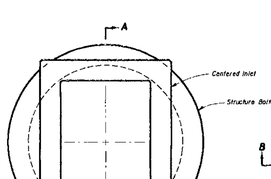
GUTTER INLET TYPE V

Last Revision 07/01/05 | Sheet No. 1 of 2 | Index No. 221

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E. FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W.
ELEVATION REF. NGVD - NGS BENCHMARK: F 290
ELEVATION = 33.26'

STORMWATER DETAILS
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE H: N/A V: N/A
JOB # 9682A FILE # E-2644
PLOTTED Mar 11, 2013 11:08AM
ISSUED 12/01/12 FOR PERMIT
C27
SHEET 27 OF 31

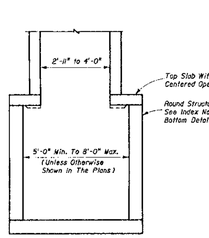


TOP SLAB REINFORCING DIAGRAM

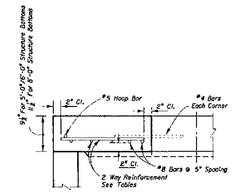
TOP SLAB OPENINGS		
DIAMETER	OPENING SIZE MIN.	MAX.
2'-0" To 8'-0"	2'-8" x 4'-0"	3'-3" x 5'-10"

TOP SLAB REINFORCING SCHEDULE	
SCHEDULE	GRADE 60 (SAE) OR 65 KSI & 70 KSI (WIRE FABRIC) In² / Ft
A	0.20
B	0.34
C	0.37
D	0.53
E	0.73
F	1.06
G	1.45

TOP SLAB WITH CENTERED OPENING		
SLAB DEPTH	SLAB THICKNESS	REINFORCING (2 WAYS) SCHEDULE
SIZE: 5'-0"		
≥ 0.5'< 20'	9½"	C
20'-40'	9½"	D
SIZE: 6'-0"		
0.5'< 8'	9½"	B
8'< 18'	9½"	C
18'< 30'	9½"	D
30'< 37'	9½"	E
37'-40'	9½"	G
SIZE: 8'-0"		
≥ 0.5'< 9'	11½"	C
9'< 15'	11½"	D
15'< 23'	11½"	E
23'< 33'	11½"	E
33'-40'	11½"	G



SECTION AA



SECTION BB

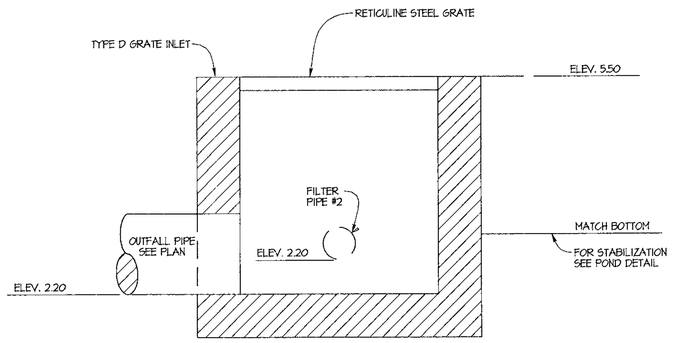
ALT. A STRUCTURE BOTTOM FOR INLET TYPE V

2006 FDOT Design Standards

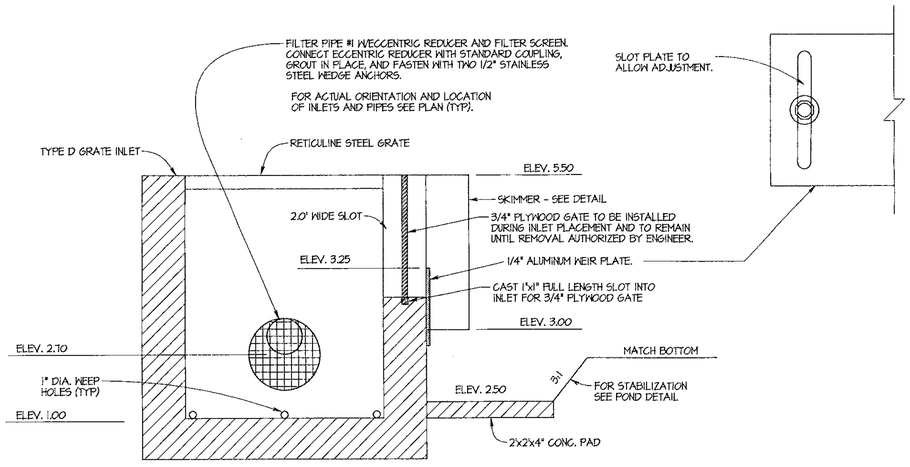
GUTTER INLET TYPE V

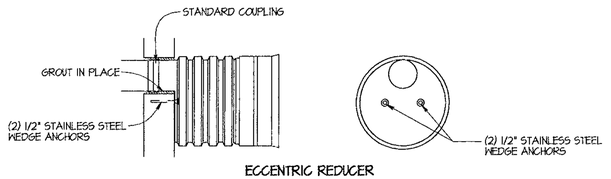
Last Revision 07/01/05 | Sheet No. 2 of 2 | Index No. 221

POOR ORIGINAL

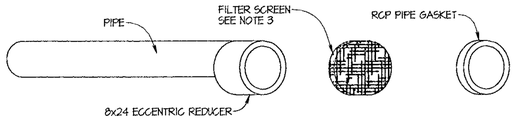


TYPICAL POND OUTFALL STRUCTURE
N.T.S.

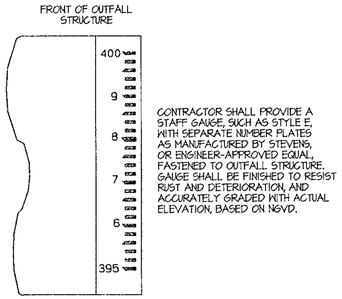




ECCENTRIC REDUCER

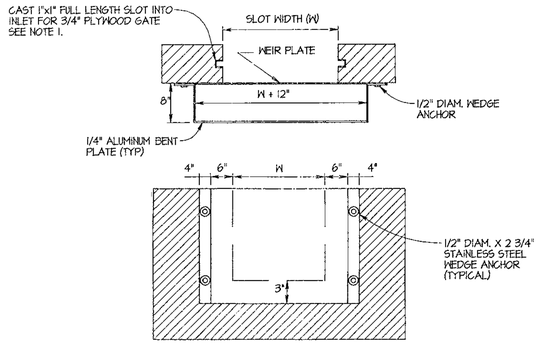


TYPICAL FILTER INFALL STRUCTURE
N.T.S.



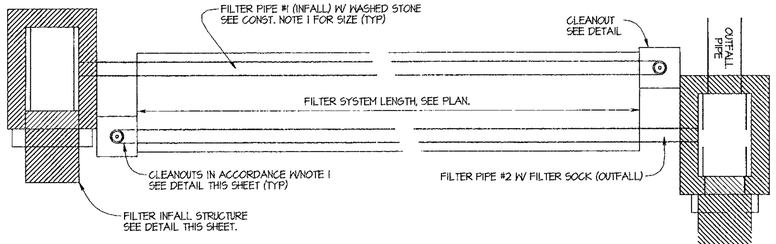
CONTRACTOR SHALL PROVIDE A STAFF GAUGE, SUCH AS STYLE E, WITH SEPARATE NUMBER PLATES AS MANUFACTURED BY STEVENS, OR ENGINEER-APPROVED EQUAL, FASTENED TO OUTFALL STRUCTURE. GAUGE SHALL BE FINISHED TO RESIST RUST AND DETERIORATION, AND ACCURATELY GRADED WITH ACTUAL ELEVATION, BASED ON NGVD.

STAFF GAUGE DETAIL
N.T.S.



NOTES:
1. FOR FULL WIDTH SLOTS, MOUNT SKIMMER TO SIDE.
2. MAY USE CHANNEL FACE-MOUNT OR SIDE-MOUNT GLASKIMER AS MANUFACTURED BY ENVIRONMENTAL COMPOSITES, INC. OR APPROVED EQUAL. PHONE (904) 128-5535

SKIMMER DETAIL
N.T.S.

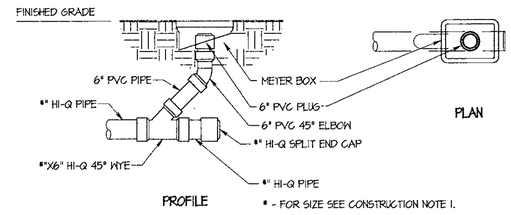


NOTES:
1. USE 45° FITTINGS AT BENDS W/CLEANOUTS (TYP).
2. THIS DETAIL IS SCHEMATIC IN NATURE AND IS NOT INTENDED TO SHOW THE TRUE ORIENTATION, LOCATION, OR CONFIGURATION OF THE SAND FILTER SYSTEM. THE DETAIL IS INTENDED TO SHOW HOW THE INDIVIDUAL COMPONENTS FIT TOGETHER TO FORM A COMPLETE SYSTEM. FOR THE LOCATION OF THE SYSTEM, ALIGNMENT OF THE PIPES AND STRUCTURES, AND CONNECTION POINTS BETWEEN THE PIPES AND STRUCTURES, SEE THE APPROPRIATE PLAN SHEET.

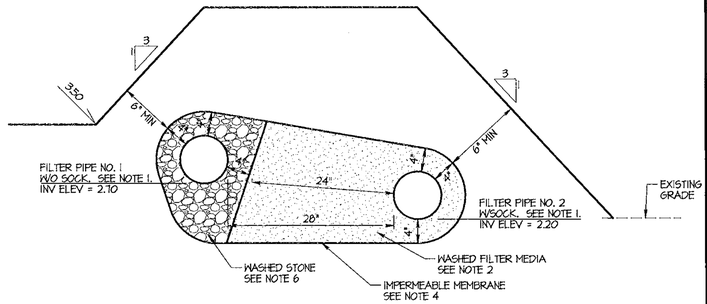
SAND FILTER PLAN DETAIL
N.T.S

CONSTRUCTION NOTES:

1. FILTER PIPE TO BE 8" DIAMETER HI-Q SURE-LOK PERFORATED CORRUGATED POLY-ETHYLENE PIPE AS MANUFACTURED BY HANCOR. PIPE SHALL HAVE SMOOTH INTERIOR WITH INTEGRAL GASKETED BELL & SPIGOT JOINTS. PERFORATIONS TO BE CLASS II IN ACCORDANCE WITH AASHTO M294. PIPE WITH SOCK TO BE WRAPED WITH TYPAR 3341 GEOTEXTILE FILTER FABRIC WITH A WEIGHT OF 2.5 TO 3.5 OZ/SY IN ACCORDANCE WITH ASTM D-4110 & D-231 AND A BURST STRENGTH OF 40 TO 125 PSI IN ACCORDANCE WITH ASTM D-231. PROVIDE CLEANOUTS AT 75' ON CENTER AND AT THE TERMINATING END OF THE FILTER PIPE.
2. FILTER MEDIA SHALL BE A WASHED QUARTZ MATERIAL SUCH AS BLOUNTSTOWN FILTER SAND AS MANUFACTURED BY ROBERTS SAND COMPANY, TALLAHASSEE, FLORIDA, OR RED BAY FILTER SAND NO.2 AS MANUFACTURED BY RED BAY SAND COMPANY, PANAMA CITY, FLORIDA. THE VERTICAL PERMEABILITY RATE SHALL BE A MINIMUM OF 5.0 FT/HR. THE CONTRACTOR SHALL FURNISH TO THE OWNER'S ENGINEER A LETTER FROM FILTER SAND MANUFACTURER SHOWING PRODUCT SUPPLIED. THE MANUFACTURER'S LETTER SHALL BE ACCOMPANIED BY A REPORT FROM AN ACCEPTABLE TESTING LABORATORY SHOWING THE PERMEABILITY AND GRADATION OF THE PRODUCT. THE MATERIAL SHALL BE FREE OF DELETERIOUS MATTER SUCH AS ROOTS, ORGANICS, CLAYS, ETC.
3. FILTER SCREEN SHALL BE TREVIRA 1120, 1135, OR APPROVED EQUAL WITH A TYPICAL PERMEABILITY OF 0.60 CM/SEC, A MINIMUM WEIGHT OF 5 OZ/SY IN ACCORDANCE WITH ASTM D-3774, A MINIMUM THICKNESS OF 80 MILS IN ACCORDANCE WITH ASTM D-1777, AND A BURST STRENGTH OF 300 PSI IN ACCORDANCE WITH ASTM D-3786. USE 1/4" GALV. HARDWARE CLOTH AS BACKING AND ATTACH W/RGP PIPE GASKET.
4. IMPERMEABLE MEMBRANE SHALL BE POLYETHYLENE SHEETING WITH A MINIMUM THICKNESS OF 30 MILS. SHEETING SHALL BE FULLY OVERLAPPED ON TOP OF FILTER SYSTEM. CONTRACTOR SHALL EXERCISE EXTREME CARE TO PREVENT THE PUNCTURE OF SHEETING. PUNCTURES SHALL BE MENDED BY PLACING A NEW SECTION OF SHEETING WHICH EXTENDS 24 INCHES IN EACH DIRECTION BEYOND THE LIMITS OF THE PUNCTURE.
5. BANK AREA ABOVE FILTRATION SYSTEM SHALL BE SODDED. SOD SHALL BE PROPERLY CARED FOR BY THE CONTRACTOR BY PROVIDING NECESSARY WATER AND NUTRIENTS TO ENSURE THE LIFE OF THE SOD UNTIL SUCH TIME AS THE PROJECT IS ACCEPTED BY THE OWNER.
6. WASHED STONE SHALL BE WASHED CRUSHED STONE/GRAVEL WITH A D_{50} SIZE OF 3/8", A D_{10} OF 1/4", AND A D_{40} SIZE OF 1/2 INCH OR APPROVED EQUAL. LIMEROCK WILL NOT BE ALLOWED. THE CONTRACTOR SHALL SUBMIT SAMPLES FOR APPROVAL PRIOR TO CONSTRUCTION.



IN-LINE DRAINAGE CLEANOUT
N.T.S.



SAND FILTER DETAIL
N.T.S.

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
135 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1427 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com
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SEAL: MORGAN HURST, No. 68813, STATE OF FLORIDA, PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 89°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK: F 290
ELEVATION = 33.268'

STORMWATER FILTER DETAILS
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H. N/A V. N/A
JOB # 4682A FILE # E-2649
PLOTTED Jn 7, 2013 10:18AM
ISSUED 12/01/12 FOR PERMIT

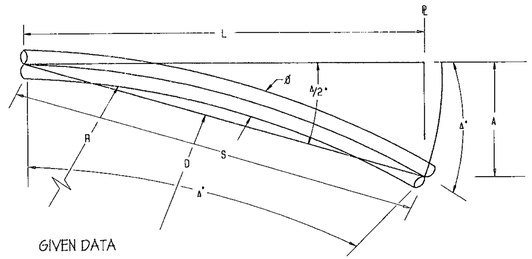
C28

SHEET 28 OF 31

LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 4682A

03-0245341-005-SI

I:\WORKING\4682A\4682 - Laird Point Phase 2\Water&Sewer\Construction Details Plan\4682A.dwg

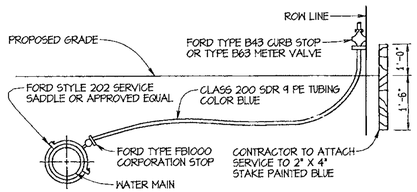


GIVEN DATA

Ø = ACTUAL PIPE OD
P = FORCE TO BEND
D = A COS Δ/2
S = 2 R SIN Δ/2
A = S SIN Δ/2
L = πRΔ / 180

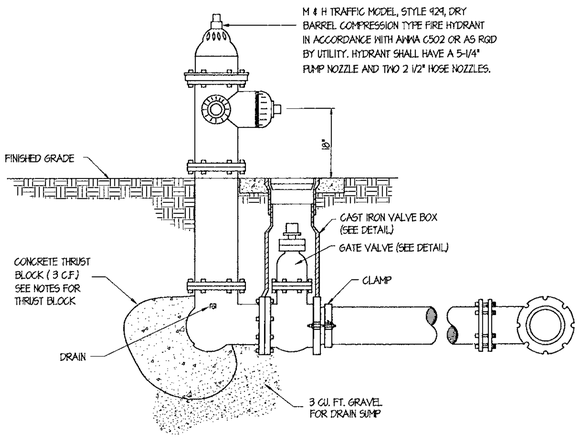
PIPE SIZE IN INCHES	Ø OD INCHES	R FEET	R INCHES	A INCHES	L= 20' PIPE JOINT ALL SIZES Δ DEGREES	P POUNDS
2	2.375	39.7	476	56	28.0	3
4	4.800	100	1,200	24	11.5	30
6	6.900	144	1,725	17	8.0	70
8	9.050	189	2,263	12	6.0	140
10	11.100	231	2,775	11	5.0	280
12	13.200	275	3,300	9	4.2	460

MAXIMUM ALLOWABLE BEND FOR PVC PIPE

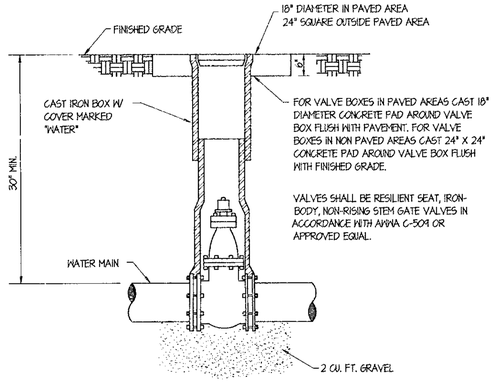


NOTE: SUBSTITUTIONS SHALL BE APPROVED BY OWNER'S ENGINEER.

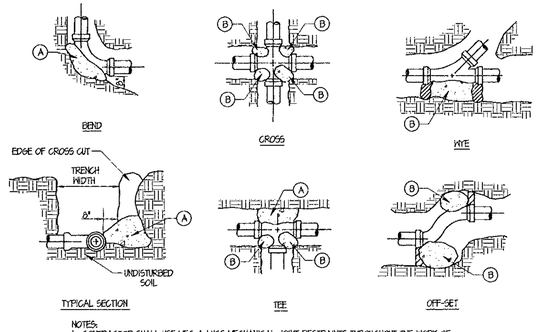
TYPICAL WATER SERVICE



TYPICAL FIRE HYDRANT ASSEMBLY



TYPICAL GATE VALVE & VALVE BOX



NOTES:
1. CONTRACTOR SHALL USE MEGA-LUGS MECHANICAL JOINT RESTRAINTS THROUGHOUT THE WORK OF THESE PLANS. IN THE EVENT MECHANICAL JOINT RESTRAINTS ARE NOT FEASIBLE DUE TO CONDITIONS BEYOND CONTROL, CONTRACTOR SHALL USE CONCRETE THRUST BLOCKS. CONTRACTOR SHALL NOTIFY ENGINEER WHEN THRUST BLOCKS ARE REQUIRED.
2. POUR THRUST BLOCKS AGAINST UNDISTURBED MATERIAL. WHERE TRENCH WALL HAS BEEN DISTURBED, EXCAVATE LOOSE MATERIAL AND EXTEND THRUST BLOCKS TO UNDISTURBED MATERIAL.
3. ON BENDS AND TEES, EXTEND THRUST BLOCKS FULL LENGTH.
4. PLACE BOARD IN FRONT OF ALL PLUGS BEFORE POURING THRUST BLOCKS.
5. IN BACKFILLING, ANY MUCK ENCOUNTERED SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIAL.
6. NO COUPLING OR JOINTS SHALL BE COVERED WITH CONCRETE.
7. SIZES ARE BASED ON 150 PSI INTERNAL PRESSURE AND 2000 PSF SOIL BEARING.
8. CONCRETE FOR THRUST BLOCKS MUST HAVE A MINIMUM THICKNESS OF 12 INCHES AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I.

SQUARE FEET OF CONCRETE THRUST BLOCKING BEARING ON UNDISTURBED MATERIAL

PIPE SIZE	4"	6"	8"	10"	12"	14"	16"	20"
MARK A	15	3	6	9	12	16	20	22
MARK B	1	2	4	5	8	10	12	15

THRUST BLOCK

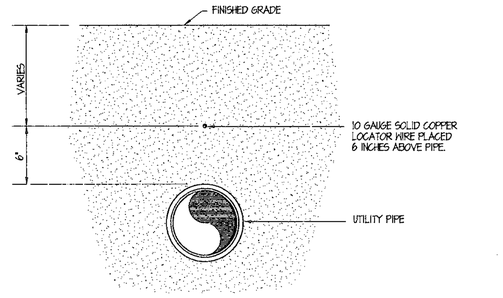
NTS.

MAIN PIPE SIZE	HORIZ. BENDS 90°	45°	22.5°	TEES SIZE	LENGTH				REDUCERS SIZE	LENGTH			PLUGS
24	90	38	18	X24 / X20	111	X20 / X16	134	X16 / X12	94	X12 / X10	40	X10 / X8	6	214
20	78	32	15	X20 / X16	118	X16 / X12	105	X12 / X10	58	X10 / X8	25	X8 / X6	0	184
16	66	27	13	X16 / X12	116	X12 / X10	70	X10 / X8	42	X8 / X6	12			151
12	51	22	10	X12 / X10	83	X10 / X8	54	X8 / X6	32	X6 / X4	0			118
10	44	18	9	X10 / X8	66	X8 / X6	41	X6 / X4	8					100
8	37	15	7	X8 / X6	50	X6 / X4	21	X4 / 0						83
6	29	12	5	X6 / X4	30	X4 / 0								63
4	21	8	4	X4 / 14										45

NOTES:
1. RESTRAIN TO NEXT FULL JOINT BEYOND GIVEN LENGTH.
2. RESTRAIN 11.25° BENDS 50% OF LENGTH FOR 22.5° BENDS.
3. ALL VALVES AND FITTINGS SHALL BE RESTRAINED TO THE CONNECTING SECTIONS OF PIPE.
4. ALL VALVES MUST BE PROPERLY ANCHORED OR RESTRAINED TO RESIST A 180 PSI TEST PRESSURE IN EITHER DIRECTION.
5. PIPE SIZES ARE GIVEN IN INCHES.
6. PIPE LENGTHS ARE GIVEN IN FEET.
7. LENGTHS SHOWN ARE FOR A TEST PRESURE OF 180 PSI.
8. THE RESTRAINED LENGTHS SHOWN IN THESE TABLES ARE BASED ON THE USE OF LIGHTLY COMPACTED CLEAN SAND WITH AT LEAST A 95% COARSE PARTICLE CONTENT. ACTUAL SOIL CONDITIONS MUST BE DETERMINED BY THE ENGINEER OF RECORD AND THE RESTRAINED LENGTHS MODIFIED ACCORDINGLY.

REQUIRED LENGTH OF RESTRAINED JOINT PIPE FOR DR-18 PVC PIPE

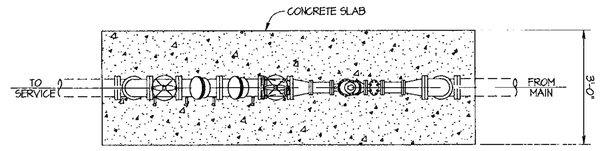
NTS



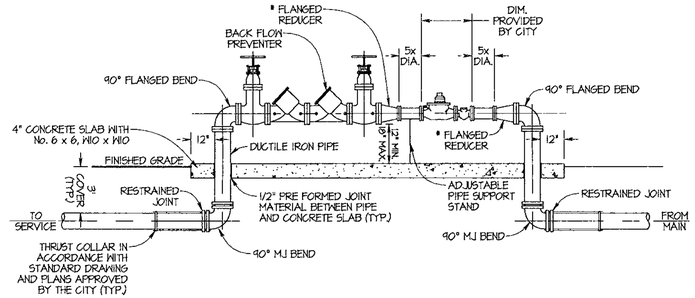
NOTE: LOCATOR WIRE TO BE PROVIDED FOR ALL NON-METALIC UNDERGROUND UTILITIES.

DETAIL OF UTILITY LOCATOR WIRE

NTS



PLAN VIEW



SECTION

NOTE:
1. METER TYPE SHALL BE APROVED BY THE CITY PRIOR TO INSTALLATION.
2. BACKFLOW DEVICE SHALL BE RPZ OR DC TYPE AS APROVED BY CITY.
3. METER AND BACKFLOW PREVENTER TO BE PROVIDED AND INSTALLED BY CONTRACTOR.
4. ALL ABOVE GROUND PIPE AND FITTINGS SHALL BE FLANGED DUCTILE IRON.
5. ALL ITEMS ABOVE GRADE SHALL HAVE TWO COATS OF APPROVED EPOXY BLUE ENAMEL PAINT.
6. ALL VALVES SHALL HAVE HANDWHEELS.
7. VALVE(S) SHALL BE CHAINED AND PADLOCKED IN OPENED POSITION.
*8. REDUCER AS REQUIRED IF METER SIZE DIFFERS FROM PIPE SIZE.

4" METER & BACKFLOW INSTALLATION DETAIL

NTS

REVISIONS

DATE	BY	DESCRIPTION
08/20/07	JMH	ADDED 4" WATER METER AND BACKFLOW PREVENTER.
01/09/08	JMH	REVISED 4" WATER METER AND BACKFLOW PREVENTER.

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2372
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
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SEAN CANAN HURST
LICENSE NUMBER
No. 68813
7-7-13
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM
BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W
ELEVATION REF. NGVD - NGS BENCHMARK: F 240
ELEVATION = 33.268'

WATER DETAILS
LAIRD POINT SUBDIVISION PHASE 2
CALLAWAY FLORIDA

SCALE: H: N/A V: N/A
JOB # 9682A FILE # E-2644
PLOTTED Mar 11, 2013 11:01AM
ISSUED 12/01/12 FOR PERMIT

C29

SHEET 29 OF 31

03-09453-41-500-35

LAIRD POINT SUBDIVISION - PHASE 2 2012-10-9682A

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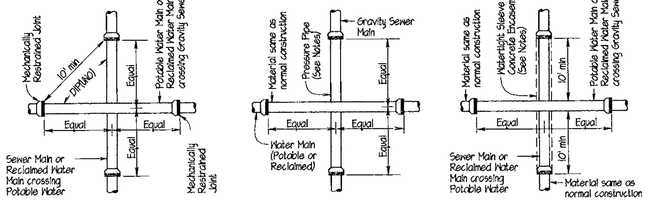


OPTION A PLAN VIEW

OPTION B PLAN VIEW

OPTION C PLAN VIEW

GENERAL

1. Gravity Sewers (Storm or Sanitary), Sanitary Force Mains, and Reclaimed Water Mains shall cross beneath Potable Water Mains whenever possible. Gravity Sewers (Storm or sanitary) and Sanitary Force Mains shall cross beneath Reclaimed Water Mains whenever possible.
2. Whenever possible, maintain a minimum clear vertical separation of 18 inches between Potable Water Mains, Gravity Sewers (Storm or Sanitary) and Reclaimed Water Mains.
3. There shall be a minimum 18 inch clear vertical separation at crossings of Sanitary Force Mains and Water Mains (Potable or Reclaimed). No exceptions will be allowed.
4. Pipes shall be arranged so that joints are equidistant and spaced as far as possible from each other.
5. Where a Water Main crosses beneath a Gravity Sewer (Storm or Sanitary), Reclaimed Water, or Sanitary Force Main, adequate structural support shall be provided for the upper pipe to maintain line and grade and Option A, B or C shall be used to provide equivalent separation.
6. Pipe material shall be same as normal construction for pipe crossings with at least 18 inches of clear vertical separation. Crossings with less than 18 inches clear vertical separation shall comply with the requirements of this detail.
7. Where a new pipe conflicts with an existing pipe, the new pipe shall be arranged to meet the requirements of this detail.
8. In no case shall pipes cross with less than 6 inches of clear vertical separation.

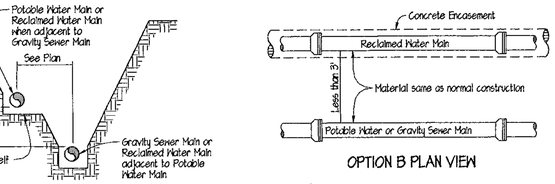
CROSSINGS WITH LESS THAN 18 INCHES CLEAR VERTICAL SEPARATION

Utilize one of the following options to provide equivalent separation:

A. Arrange pipe sections at crossing to provide a minimum separation of 10 feet between any t.o joints. All pipe sections at crossing, except Storm Sewer, shall be ductile iron pipe (DIP) class 50 or greater. Water Joints (Potable or Reclaimed) on each side of crossing shall be mechanically restrained.
B. Construct Gravity Sewer (Storm or Sanitary) of pressure pipe in accordance with Section 02713 of the Technical Specifications. Perform hydrostatic pressure test in accordance with Section 02713-3.4 of the Technical Specifications and AWWA C-600 to assure watertightness before backfilling.
C. Place Gravity Sewer or Reclaimed Water in a watertight sleeve or concrete encasement which provides a minimum of 10 feet of separation. Separation shall be measured from ends of sleeve or encasement perpendicular to the water main. Sleeve shall be suitable for water main construction and rated to 150 psi. Encasement shall be 8 inch thick concrete having a minimum strength of 2500 psi and containing #4 stirrups at 10 inches and #4 longitudinal bars at 10 inches.

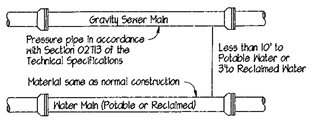
UTILITY CROSSINGS

N.T.S.



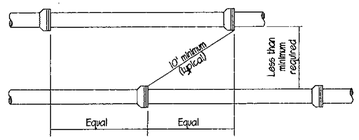
All pipe material same as normal construction.

OPTION A SECTION VIEW



OPTION C PLAN VIEW

OPTION B PLAN VIEW



Note: All pipes, except for Storm Sewer, shall be DIP. Storm Sewer material same as normal construction.

OPTION D PLAN VIEW

GENERAL

1. Whenever possible, maintain a minimum 10 foot clear horizontal separation between parallel installations of Potable Water and Gravity Sewer (Storm or Sanitary) and a minimum 3 foot clear horizontal separation between parallel installations of Reclaimed Water and Potable Water or Gravity Sewer (Storm or Sanitary).
2. There shall be a minimum 10 foot clear horizontal separation between Water Mains (Potable or Reclaimed) and Sanitary Sewer Force Mains. No exceptions will be allowed.
3. Separation distance shall be measured outside edge to outside edge and shall not include any chord, radius, or diameter of the pipe.
4. Pipe material shall be same as normal construction for all parallel pipes maintaining the minimum horizontal separation. Parallel pipes with less than the minimum clear horizontal separation shall comply with the requirements of this detail.

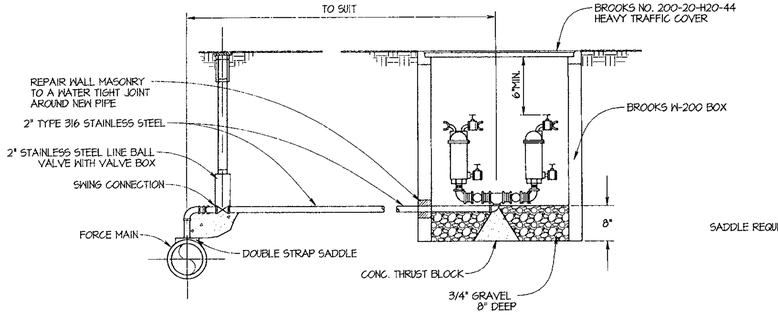
PARALLEL INSTALLATIONS WITH LESS THAN THE MINIMUM HORIZONTAL SEPARATION

Utilize one of the following options to provide equivalent separation:

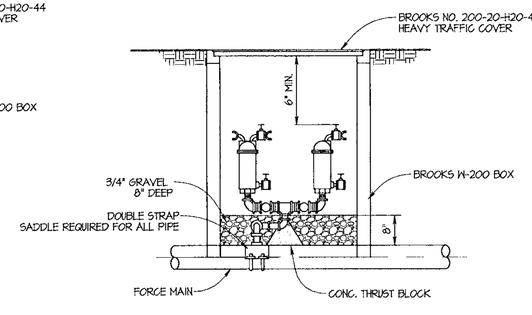
A. Place pipes in separate trenches or the upper pipe on an undisturbed earth shelf with a minimum clear vertical separation of 18 inches. Place Potable Water above Gravity Sewer or Reclaimed Water and Reclaimed Water above Gravity Sewer.
B. Place Reclaimed Water in a concrete encasement which shall be 6 inches thick with a minimum strength of 2500 psi and contain #4 stirrups @ 10 inches and #4 longitudinal bars @ 10 inches.
C. Construct Gravity Sewer (Storm or Sanitary) of pressure pipe in accordance with Section 02713 of the Technical Specifications. Perform hydrostatic pressure test in accordance with Section 02713-3.4 of the Technical Specifications and AWWA C-600 to assure watertightness before backfilling. Place Gravity Sewer below Water (Potable or Reclaimed) with a minimum of 6 inches clear vertical separation.
D. Stagger joints to provide a minimum joint separation of 10 feet. Provide a minimum of 6 inches clear vertical separation and place Potable Water above Reclaimed Water or Gravity Sewer and Reclaimed Water above Gravity Sewer. All pipe, except Storm Sewer, shall be ductile iron pipe (DIP) class 50 or greater.

UTILITY SEPARATION

N.T.S.



LOCATED AWAY FROM FORCE MAIN

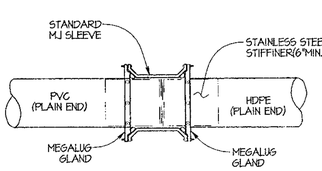


LOCATED ABOVE FORCE MAIN

NOTES:
1. M.H. TO BE BROOKS W-200 SERIES WITH 200-20-H20-44 HEAVY TRAFFIC COVER AS MFG. BY BROOKS PRODUCTS INC. OR EQUAL.
2. BOX TO BE LOCATED OUT OF PAVED AREAS. SET TOP FLUSH IF OCCURS IN SIDEWALK OR 1 1/2" ABOVE GROUND IF IN DIRT OR GRASS AREAS.
3. COMBINATION AIR & VACUUM VALVE ASSEMBLY SHALL BE VAL- MATIC NO. 48/30IEH OR EQUAL.
4. AIR VALVE ONLY ASSEMBLY SHALL BE VAL-MATIC NO.48BMR OR AS OTHER WISE SPECIFIED.

TYPICAL AIR AND/OR VACUUM VALVES

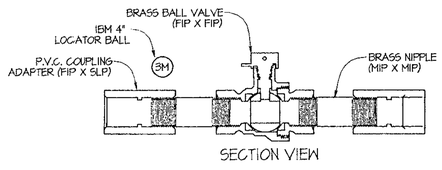
N.T.S.



NOTE:
JOINT RESTRAINT REQUIRED ON 3 PVC JOINTS BEFORE TRANSITION CONNECTION

HDPE-TO-PVC CONNECTION

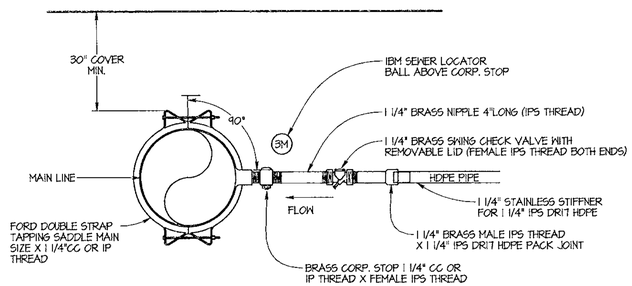
(4" TO 10")
N.T.S.



SECTION VIEW

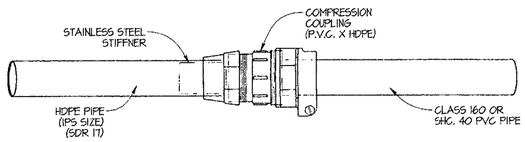
TYPICAL BRASS BALL VALVE CONNECTION

N.T.S.



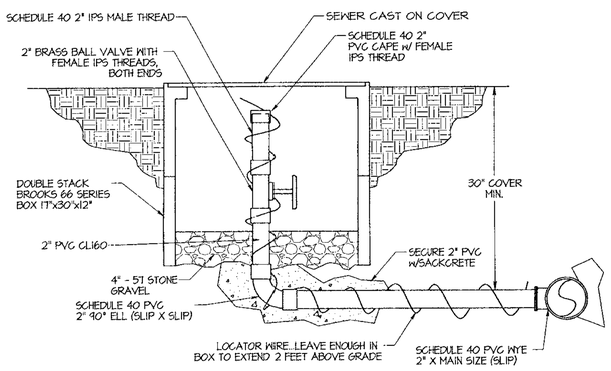
LOW PRESSURE SERVICE CONNECTION

N.T.S.



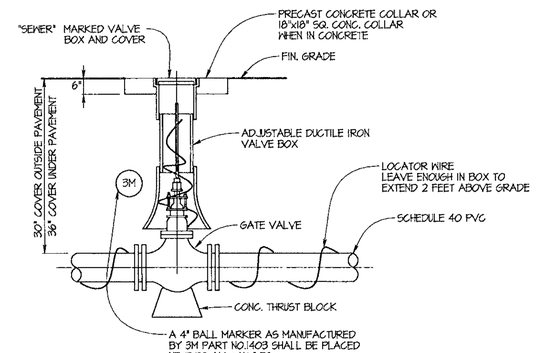
HDPE TO PVC TRANSITION

(3" DIAMETER AND SMALLER)
N.T.S.



TYPICAL FORCE MAIN CLEANOUT

N.T.S.



NOTE:
ALL BELOW GROUND VALVES REQUIRE VALVE BOX.
ALL SHEDULE 40 PVC SHALL BE PRESSURE RATED NO DVN FITTING SHALL BE ALLOWED

TYPICAL INLINE VALVE

N.T.S.

REVISIONS		
DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2912
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-1421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com

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LAIRD POINT SUBDIVISION - PHASE 2 JOB NO. 1692A

SEAN HUNTER MORGAN — LICENSE NO. 67173 — STATE OF FLORIDA — PROFESSIONAL ENGINEER — 2-7-13

DESIGNED BY JMH | DRAWN BY JMH | CHECKED BY TJM

BEARING REF. N 86°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - NGS BENCHMARK E 290
ELEVATION = 33.26'

SANITARY SEWER DETAILS

LAIRD POINT SUBDIVISION PHASE 2

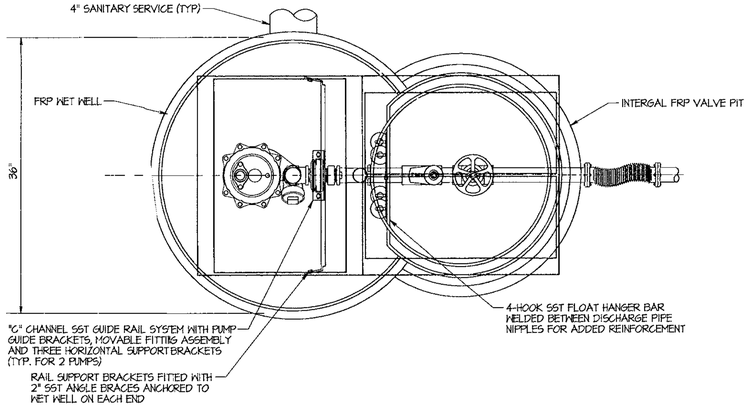
CALLAWAY FLORIDA

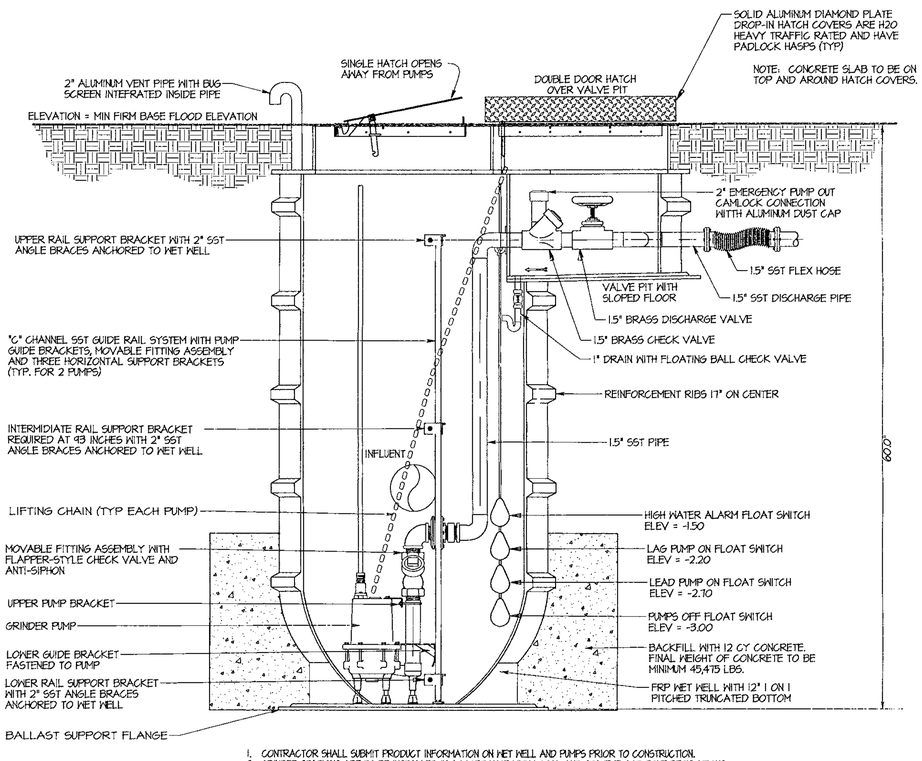
SCALE: H. N/A V. N/A
JOB # 1692A FILE # E-2649
PLOTTED Mar 11, 2013 11:09AM
ISSUED 12/01/12 FOR PERMIT

C30

SHEET 30 OF 31

03-0345-H





1. CONTRACTOR SHALL SUBMIT PRODUCT INFORMATION ON WET WELL AND PUMPS PRIOR TO CONSTRUCTION.
2. GRINDER STATIONS ARE TO BE INSTALLED IN ACCORDANCE WITH LOCAL AND STATE FLOOD ZONE REGULATIONS.
3. PUMPS TO BE BARNES 50VF SERIES SUBMERSIBLE GRINDER PUMPS.
4. PUMPS SHALL BE CONNECTED TO THE DISCHARGE PIPING WHEN LOWERED ONTO THE DISCHARGE CONNECTION BY ONE 2" DIA. SCH40 304SS RAIL.
5. PUMP SHALL BE CENTRIFUGAL TYPE WITH ROTATING CUTTER MOUNTED ON THE PUMP SHAFT.
6. THE STATIONARY CUTTER SHALL BE MOUNTED IN THE ADJUSTABLE BOTTOM PLATE.
7. SHREADING SHALL OCCUR OUTSIDE OF VOLUTE TO AVOID CLOGGING.
8. THE CUTTER SHALL BE SUPER ABRASIVE MATERIAL AND HARDNESS OF 58-62 ROCKWELL C.
9. EACH PUMP SHALL BE EQUIPED WITH TWO SEALS. THE LOWER SHALL BE MECHANICAL TYPE WITH SILICON CARBIDE FACES.
10. THE OIL CHAMBER SHALL BE FITTED WITH A MOISTURE PROBE EXTENDING FROM THE BOTTOM OF THE MOTOR HOUSING INTO THE OIL CHAMBER.
11. THE PUMP MOTOR SHALL BE AIR FILLED AND HAVE CLASS 'F' INSULATED MOISTURE RESISTANT WINDINGS.
12. BIMETALLIC THERMAL SWITCHES SHALL BE IMBEDDED INTO EACH PHASE OF THE WINDING TO SENSE HIGH TEMPERATURE.
13. FLOAT HOLDER AND UPPER GUIDE RAIL BRACKETS SHALL BE MADE WITH 304SS ONLY.
14. THE FIBERGLASS BASIN SHALL BE CONSTRUCTED FROM COMMERCIAL GRADE POLYESTER RESIN MANUFACTURED BY BARNES, OR APPROVED EQUAL. THE COMPLETE WET WELL SHALL HAVE A DYNAMIC LOADING OF 16,000FT-LBS AND SHALL NOT DEFLECT VERTICALLY DOWNWARD MORE THAN A 1/4" AT THE POINT OF LOAD APPLICATION WHEN LOADED TO 24,000 LBS.
15. FLOAT SWITCHES SHALL BE UL LISTED TYPE "S-ROTOFLOAT" MANUFACTURED BY ANCHOR SCIENTIFIC, INC. WITH 30 FEET OF 5/0 PVC CABLE.
16. ALL NUTS, BOLTS, WASHERS, ETC. IN WET WELL TO BE 304 STAINLES STEEL.
17. CONTROL PANEL DETAIL AND DIAGRAM BY BARNES PUMPS, INC.
18. PUMP OPERATING CONDITIONS SHALL BE 382 GPM AT 47.9 FEET TDH.

MANUFACTURER: ABS ; MODEL: PIRANHA "S" SERIES ; TYPE: PIR 518/2M ;

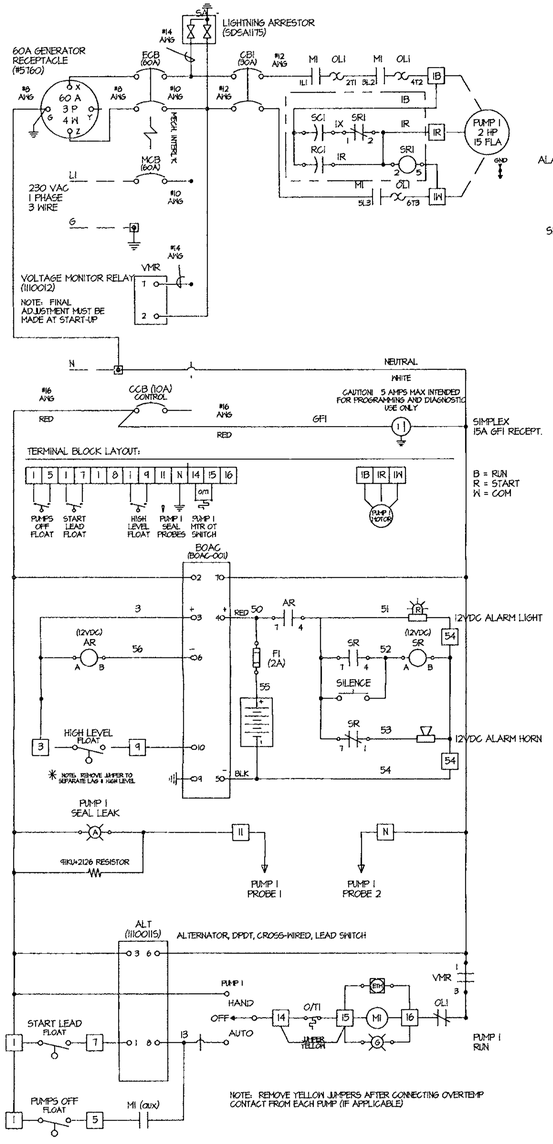
IMP: MACARATER ; DIA: 5.63 INCHES; CURVE: PIRANHA SM

SPEED: 3345 RPM; DISCHARGE SIZE: 1-1/4 INCHES;

VOLTAGE: 208 ; HZ: 60 ; PHASE: 1 ; H.P.: 2.44

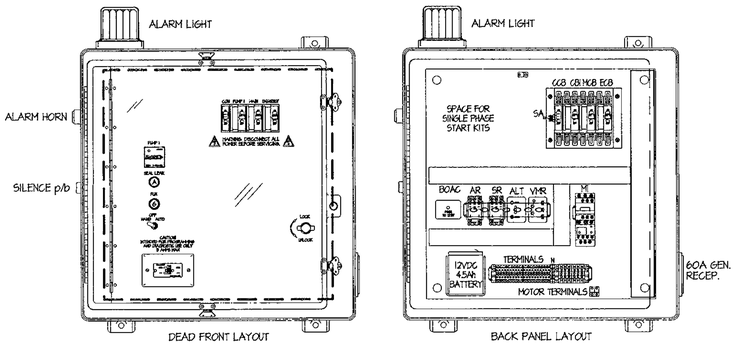
TYPICAL GRINDER STATION

N.T.S.



TYPICAL ELECTRIC SCHEMATIC

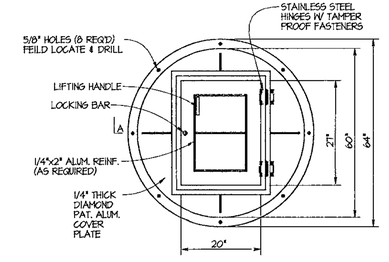
N.T.S.



STANDARD CONTROL PANEL REQUIREMENTS:
1. ENCLOSURE TO BE R_12016HPL (20"Hx16"Wx10"D) NEMA 4X RATED, FABRICATED FROM FIBERGLASS.
2. BACK PANEL TO BE BP_12016GS (19.88"Hx14.88"W), FABRICATED FROM 14 ga. WHITE ENAMELED CARBON STEEL.
3. INNER DOOR TO BE HID-2016, 0.080 BLACK ENGRAVED ALUMINUM WITH CONTINUOUS HINGE AND TWIST LATCH.
4. MOUNT GENERATOR RECEPTACLE, ALARM LIGHT, ALARM HORN, AND SILENCE BUTTON 4" FROM BACK.
5. CONTORL ENCLOSURE TO BE MOUNTED ON A WALL OR ON A MOUNTING PEDESTAL IN IMMEDIATE PROXIMITY TO GINDR PUMP STATION. MOUNTING PEDESTAL TO BE B19000030 (36"Hx6"Wx6"D) FABRICATED FROM ALUMINUM.

TYPICAL CONTROL PANEL

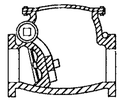
N.T.S.



STANDARD HATCH REQUIREMENTS:
1. AUTO-LOCK STAINLESS STEEL HOLD OPEN ARM WITH RELEASE HANDLE
2. STAINLESS STEEL HINGES AND ATTACHING HARDWARE
3. NON-CORROSIVE LOCKING BAR AND HANDLE
4. SINGLE LEAF CONSTRUCTION

TYPICAL ACCESS HATCH

N.T.S.

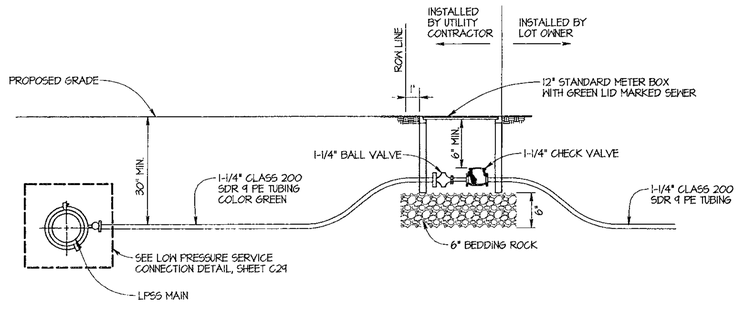


M & H AWWA BRONZE - FACED CHECK VALVE. STYLE 250 OR APPROVED EQUAL

SIZE 2 1/2" TO 12": 175 PSI WATER
WORKING PRESSURE : 350 PSI HYDROSTATIC
TEST: CAST IRON BODY, BRONZE MOUNTED

TYPICAL CHECK VALVE

N.T.S.



NOTE: SUBSTITUTIONS SHALL BE APPROVED BY OWNER'S ENGINEER.

TYPICAL LOW PRESSURE SEWER SERVICE

N.T.S.

POOR ORIGINAL

NOTE:
GRINDER PUMP STATIONS AND CONTROL PANELS ARE TO BE INSTALLED BY INDIVIDUAL LOT OWNERS.

REVISIONS

DATE	BY	DESCRIPTION

BUCHANAN & HARPER, INC.
ENGINEERING • PLANNING • SURVEYING • LANDSCAPE ARCHITECTURE
FLORIDA SURVEYING & ENGINEERING CERTIFICATE OF AUTHORIZATION NO. 2312
735 WEST 11TH STREET PANAMA CITY, FLORIDA 32401
PHONE (850)763-7421 FAX (850)784-2120 E-MAIL mail@buchanan-harper.com

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SEAL: JORGAN HURST, LICENSE NO. 67513, STATE OF FLORIDA, PROFESSIONAL ENGINEER

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED ENGINEER

DESIGNED BY JMH DRAWN BY JMH CHECKED BY TJM

BEARING REF. N 88°43'06" E FOR NORTH LINE OF SECTION 22, T 4 S, R 13 W

ELEVATION REF. NGVD - NGS BENCHMARK IF 290

ELEVATION = 83.268'

GRINDER STATION DETAILS

LAIRD POINT SUBDIVISION PHASE 2

CALLAWAY FLORIDA

SCALE: H: N/A V: N/A

JOB # 9602A FILE # E-2644

PLOTTED Mar 11, 2013 11:10AM

ISSUED 12/01/12 FOR PERMIT

C31

SHEET 31 OF 31

03-0946H-05S-IS-9602A

T:\9602A\SCD\9602-1 Laird Point Phase 2\Plan\Grading\Construction Sheets\C31 Grinder Station Details.dwg

PHASE 2: RESTRICTIONS

File # 2018059726, OR BK: 4054 PG: 113, Pages: 1 of 44, Recorded 10/3/2018 at 2:28 PM,
Bill Kinsaul, Clerk Bay County, Florida Deputy Clerk GB Trans # 1484104

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS

FOR

LAIRD POINT PHASE TWO

Prepared by:

Richard S. McNeese
Attorney at Law
36468 Emerald Coast Parkway
Suite 1201
Destin, Fl 32541

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS

FOR

LAIRD POINT PHASE TWO

THIS DECLARATION is made this 1st day of October, 2018 by Laird Point Investors, LLC, a Florida limited liability company, whose address is 543 Driftwood Point, Santa Rosa Beach, FL 32459 hereinafter called "Declarant".

RECITALS

WITNESSETH:

WHEREAS, Declarant is the Owner of fee simple title to that certain real property located in Bay County, Florida, which is more particularly described on Exhibit "A" attached hereto and made a part hereof and which includes Lots 191 through 261 and Common Areas of Laird Point Phase Two, according to the plat thereof to be recorded in the Public Records of Bay County, Florida (the "Plat") which Plat, after recording, shall be automatically incorporated herein and substituted for the attached "Exhibit A";

WHEREAS, Declarant intends to develop Laird Point Phase Two (the "Subdivision"), according to the Plat as a residential area to be known as Laird Point Phase Two and which shall be occupied and maintained as a residential development for the mutual and common advantage of all occupants and owners thereof who shall occupy and own the Property subject to the provisions of this Declaration and all other rules and regulations applicable to the Property, and to be governed by a mandatory owner's association; and

WHEREAS, Declarant desires to provide for the preservation and enhancement of the Property and for the maintenance of the Property and the improvements thereon, and in order to accomplish such objectives, Declarant desires to subject the Property to the covenants, conditions, restrictions, easements, charges and liens hereinafter set forth, each and all of which is and are for the benefit of the Property and each owner of a portion thereof; and

WHEREAS, Declarant deems it desirable to create a non-profit corporation, Laird Point Phase Two Owners Association, Inc., (the "Association") to be charged with the rights and responsibilities of enforcing the covenants, conditions, and restrictions hereinafter set forth, of maintaining and administering the Common Areas, as hereinafter defined, and of collecting and disbursing the assessments and charges created by this Declaration; and

NOW THEREFORE, Declarant hereby declares that all of the real property described above shall be held, sold and conveyed subject to the following easements, restrictions, covenants and conditions, which are for the purpose of protecting the value and desirability of, and which shall run with the real property and be binding on all parties having any right, title or interest in the described property or any part thereof, their heirs, successors and assigns, and shall inure to the benefit of each Owner thereof.

1. DEFINITIONS

1.1. "Articles" shall mean the Articles of Incorporation of the Laird Point Phase Two Owners Association. Inc., as amended from time to time. A copy of the Articles is attached

hereto as Exhibit "B".

1.2. "Assessments" shall mean any sum of money payable to the Association which if unpaid can result in a lien against an Owner's Lot, including, without limitation, the classes of Annual, Specific and Special Assessments provided for in Article 5 of this Declaration.

1.3. "Association" shall mean and refer to Laird Point Phase Two Owners Association, Inc., a Florida non-profit corporation, its successors and assigns.

1.4. "Board" or "Board of Directors" shall mean the Board of Directors of the Association.

1.5. "Budget" refers to the annual budget for the Association as prepared and adopted by the Board and showing all income and expenditures as anticipated for a forthcoming fiscal year of the Association.

1.6. "Bylaws" shall mean the Bylaws of the Association, as amended from time to time. A copy of the Bylaws is attached hereto as Exhibit "C".

1.7. "Common Areas or Common Property" shall mean and refer to all real property owned by the Association for the common use and enjoyment of the Owners. The Common Areas owned by the Association at the time of the recording of the conveyance of the first Lot by the Declarant are all areas not located within the boundary lines of Lots 191-261 as shown on the Plat, which shall include but not be limited to the landscape buffers and other landscape areas, roadways conservation easements, retention ponds, drainage, common utilities and other common facilities located or to be located within the common areas, as shown on the Plat, or otherwise reserved herein. Common Areas or Common Property shall also mean such additional facilities or improvements, which shall be determined by the Association to be for the common use, benefit, security or enjoyment of the Owners, which the Association may install or may accept for maintenance in writing. The Common Areas are not dedicated for the use of the general public. Notwithstanding the foregoing definition of "common areas," neither the Association nor its members shall erect, approve of or allow any improvements on or make any changes or alterations to any wetlands, stormwater drainage areas and landscape buffer areas that are protected or regulated by governmental authorities."

1.8. "Declarant" shall mean and refer to Laird Point Phase Two, LLC, a Florida limited liability company, its successors and assigns.

1.9. "Declaration" shall mean this Declaration of Covenants, Conditions, and Restrictions For Laird Point Phase Two.

1.10. "Dwelling" shall mean single family residential dwelling constructed or to be constructed on any Lot.

1.11. "ARB" shall mean the Architectural Review Board described in Section 7.2 herein.

1.12. "Lot" shall mean each numbered lot, as shown by the plat of Laird Point Phase Two, as recorded in the Public Records of Bay County, Florida.

1.13. "Member" shall refer to the Class A and Class B Members as defined in Article 5 below, who are also Owners entitled to membership in the Association. Every person or entity who is an Owner of a Lot within the Subdivision shall be a member of the Association.

1.14. "Owner" shall mean and refer to the record Owner, whether one or more person or entities, of the fee simple title to any Lot, which is part of the Properties. Whenever this Declaration provides a use or enjoyment restriction that an Owner can or cannot do, or fails to do certain acts or things, the Owner shall also be deemed to include the Owner's family, guests, tenants, and purchasers, pursuant to an unrecorded contract, and each shall be held financially responsible for any such act or failure to act.

1.15. "Person" shall mean any natural person or artificial entity having legal capacity.

1.16. "Plat" or "Plat(s)" shall mean the plat of Laird Point Phase Two, according to the plat thereof to be recorded in the Public Records of Bay County, Florida, a reduced unrecorded copy of which is shown on the attached Exhibit "A"; and which Plat when recorded shall be automatically incorporated herein and substituted for the attached Exhibit "A".

1.17. "Property" or "Properties" shall mean and refer to that certain real property represented on the Plat and described in Exhibit A, and such additions thereto as may be hereafter be brought within the jurisdiction of the Association.

1.18. "Subdivision" shall mean Laird Point Phase Two.

2. PROPERTY SUBJECT TO THIS DECLARATION

2.1. Existing Property. That certain real property that is and shall be held, transferred, sold, conveyed, and occupied subject to this Declaration located in Bay County, Florida, and more particularly described in Exhibit "A".

2.2. Additional Property. Declarant shall have the right, for a period of thirty (30) years after the date hereof, from time to time and within its sole discretion, to annex to the Existing Property and to include within this Declaration additional properties, including properties now or hereafter acquired by it and properties of others which is either abutting the Existing Property (including additions thereto), or which is so situated that its addition will be reasonably consistent with the uniform scheme for development set forth in this Declaration. Any such additions may be made by the filing of record of one or more supplemental declarations with respect to the added property. A supplemental declaration shall contain a statement that the real property that is the subject of the supplemental declaration constitutes additional property which is to become a part of the Property subject to this Declaration. In addition, a supplemental declaration may contain such additions to or modifications of the provisions hereof applicable to any additional property as may be necessary to reflect the different character, if any, of the additional property that is the subject of the supplemental declaration, including modifications in the basis of assessments or amounts thereof. Such supplemental declaration shall become effective upon being recorded in the Bay County Public Records.

3. PROPERTY RIGHTS

3.1. Common Areas. Every Owner shall have a right and nonexclusive easement of use, access and enjoyment in and to the Common Areas (hereinafter referred to as the "Common Property", subject to:

3.1.1. This Declaration and any other applicable covenants, including restrictions related to preservation and maintenance of the Stormwater Retention Areas and

Conservation Easements.

3.1.2. Any restrictions or limitations contained in any deed conveying such property to the Association;

3.1.3. The right of the Board of Directors to adopt rules regulating the use and enjoyment of the Common Property, including rules limiting the number of guests who may use the Common Property;

3.1.4. The right of the Board of Directors to suspend the right of an Owner to use recreational facilities within the Common Property:

3.1.4.1. for any period during which any charge against such Owner's Lot remain delinquent; and

3.1.4.2. for a period not to exceed thirty (30) days for a single violation or for a longer period in the case of any continuing violation of the Declaration, any applicable Supplemental Declaration, the Bylaws or published rules and regulations of the Association, after notice and a hearing;

3.1.5. The right of the Association, acting through the Board of Directors, to dedicate or transfer all or any part of the Common Property pursuant to the Declaration, Bylaws and Articles;

3.1.6. The right of the Board of Directors to impose reasonable membership requirements and charge reasonable admission or other use fees for the use of any recreational facility situated upon the Common Property;

3.1.7. The right of the Board of Directors to permit use of any recreational facilities situated on the Common Property by persons other than Owners, their families, lessees and guests upon payment of use fees established by the Board of Directors; and

3.1.8. The right of the Association, acting through the Board of Directors, to mortgage, pledge or hypothecate any or all of its real of personal property as security for money borrowed or debts incurred.

3.1.9. The right of the Association to rent or lease any portion of any recreational facility within the Common Property on a short-term basis to any Owner for the exclusive use of such Owner and such Owner's family and guests;

Any Owner may extend his or her right of use and enjoyment to the members of his or her family, lessees, social invitees, licensees or contract purchasers, as applicable, subject to reasonable regulation by the Board of Directors. An Owner who leases his or her Lot shall be deemed to have assigned all such use and enjoyment rights to the lessee of such Lot.

4. RESUBDIVISION

4.1. Re-subdivision. Lots may not be subdivided or separated into smaller lots. No portion of a Lot may be separately conveyed. However, this provision shall not prohibit corrective deeds or similar corrective instruments. The Declarant shall have the right to modify the Plat to make adjustments to lot boundary lines with consent only of those Owners whose

Lot boundaries are to be changed.

5. MEMBERSHIP AND VOTING RIGHTS

5.1. Membership. Every Owner of a Lot shall become a Member of the Association. If title to a Lot is held by more than one Person, each such Person is a Member. An Owner of more than one Lot is entitled to one membership for each Lot owned (subject to Section 5.3 below). Each membership is appurtenant to the Lot upon which it is based and is transferred automatically by conveyance of title. No person other than an Owner may be a Member of the Association, and membership in the Association may not be transferred except by the transfer of title to a Lot.

5.2. Voting. The Association shall have two classes of membership: Class A and Class B. So long as there is Class B membership, Class A members are all Owners except Declarant. The Class B member shall be the Declarant. Upon termination of Class B membership, as provided below, Class A members are all Owners, including Declarant so long as Declarant is an Owner.

5.2.1. The Class B Member shall be entitled to ten votes for each Lot owned. Class A Members shall be entitled to cast one vote for each Lot owned (and in the case of Lots which have been consolidated with other Lots or partial Lots pursuant to the provisions herein set forth, voting rights for such consolidated Lot(s) shall be adjusted upwards in proportion to the increase in size by virtue of such consolidation).

5.2.2. The Class B member is entitled to elect the Board of Directors until the termination of the Class B membership.

5.2.3. No Person holding title to a Lot as security for a debt or obligation shall be considered as Owner of such Lot. Such Person shall not be entitled to membership in the Association nor to cast a vote on any question or matter affecting the administration of the Association, except as otherwise provided herein.

5.3. Co-Ownership. If more than one Person owns an interest in any Lot, or if more than one Person owns separate portions of a Lot, all such Persons are Members; but there may be only one vote in the aggregate cast with respect to each such entire Lot. Such vote may be exercised as the co-Owners determine among themselves; but no split vote is permitted among co-Owners. Prior to any meeting at which a vote is to be taken, each co-Owner must file the name of the voting co-Owner with the secretary of the Association to be entitled to vote at such meeting, unless such co-Owners have filed a general voting authority with the Secretary applicable to all votes until rescinded. Notwithstanding the foregoing, if title to any Lot is held jointly by a husband and wife, either spouse is entitled to cast the vote for such Lot unless and until the Association is notified by either spouse otherwise in writing.

5.4. Class B Termination. The Class B membership will terminate and convert automatically to Class A membership (to the extent the Declarant then owns Lots) ("Turnover") upon the happening of any of the following, whichever occurs first:

5.4.1. Three months after Declarant conveys to Members (other than any successor Declarant, developers, builders, contractors or others who purchase a Lot for the purpose of constructing improvements thereon for resale), all its rights, title and

interests to ninety percent (90%) of the total platted Lots.

5.4.2. Five (5) years from the date of the conveyance of the first Lot; or

5.4.3. The decision of Declarant to convert to Class A membership.

Upon termination of the Class B membership, all provisions of this Declaration, Articles, or By-Laws referring to Class B membership will be obsolete and without further force or effect, including any provision requiring voting by classes of membership. However, notwithstanding the termination of the Class B membership, Declarant may, at its option, in place of voting its Class A membership votes for the election of the Board of Directors, appoint one of the Directors to the Board of Directors, so long as Declarant holds for sale in the ordinary course of business at least one Lot in the Property. If Directors are being elected for different terms, the Declarant shall be entitled to appoint a Director who will sit for the longest term being offered.

5.5. Voting. At every meeting of the Members, each of the Members shall have the right to cast his vote on each question. The vote of the Members representing a fifty-one percent (51%) majority of the total votes cast with respect to any question, in person or by proxy, shall decide any question brought before such meeting, unless the question is one upon which, by express provisions of statute or of the corporate Articles, or this Declaration, or of the By-Laws, a different vote is required, in which case such express provision shall govern and control. The vote by any member whose Lot is owned by more than one Person may be exercised by any of such Persons present at any meeting unless an objection or protest by any other Owner of such Lot is noted at that meeting. In the event all of the co-Owners of any membership who are present at any meeting of the Members are unable to agree on the manner in which the vote for such membership shall be cast on any particular question, then such vote shall not be counted for purposes of deciding that question. No Member shall be eligible to vote, either in person or by proxy, or to be elected to the Board of Directors, who is shown on the books or management accounts of the Association to be more than thirty (30) days delinquent in any payment due the Association.

5.6. Proxies. A Member may appoint any other Member, the Declarant, or any other Person permitted by law or by the By-Laws as his proxy. In no case may any Member (except the Declarant) cast more than one vote by proxy in addition to his own vote. Any proxy must be in writing and must comply with all requirements imposed by law or by the Association's By-Laws.

5.7. Quorum. The presence, either in person or by proxy, of Members representing at least fifty-one percent (51%) of the total votes entitled to be cast with respect to any question, shall be requisite for, and shall constitute a quorum for the transaction of business at all meetings of the Members. If the number of Members at a meeting drops below the quorum and the question of a lack of a quorum is raised, no business may thereafter be transacted, other than to adjourn the meeting.

6. COVENANTS FOR MAINTENANCE ASSESSMENTS

6.1. Each Lot is subject to Assessments by the Association for the improvement, maintenance, and operation of the Common Property, including the management and administration of the Association and furnishing of services as set forth in this Declaration.

General Assessments (which include Annual Assessments and Special Assessments), shall be assessed equally to each Lot, except that Declarant shall not be required to pay any General Assessment, whether annual or special, for Lots that it owns. Until the Declarant shall elect to pay annual assessments on Lots, which have not been conveyed by the Declarant to others, to the extent that the revenue received from annual assessments is not adequate to pay the expenses of the Association, the Declarant shall pay the difference between such revenue and expense.

In the event Lots are consolidated with other Lots (or partial Lots), Assessments shall thereafter be imposed against any such consolidated Lot in proportion to the increase in size by virtue of the consolidation.

The Board shall set the date or dates all Assessments shall become due and may provide for collection of any Assessment annually, or in monthly, quarterly, or semiannual installments. Upon default in the payment of any one or more installments, the Board may accelerate the entire balance of that Assessment, which shall be declared due and payable in full.

6.2. Purposes of Assessments. The assessments levied by the Association shall be used:

6.2.1. to promote the recreation, health, safety and welfare of the residents in the Properties and for the improvements and maintenance of the Common Property;

6.2.2. to fulfill the responsibility of the Association as described in this Declaration, the Articles of Incorporation, the By-Laws, and the ARB Guidelines; and

6.2.3. to fulfill the responsibilities of the Association as may relate to the wastewater collection system, drainage system, conservation easements, and storm water management system arising as a result of any agreement with or requirement of Bay County, the State of Florida, Bay County Water & Sewer, or the Florida Department of Environmental Protection their successors or assigns.

6.3. Budget.

6.3.1. Fiscal Year. This fiscal year of the Association shall consist of the twelve-month period beginning of January 1 of each year and terminating on December 31 of that year.

6.3.2. Initial Budget. Declarant shall determine the budget for the fiscal year in which a Lot is first conveyed to an Owner other than Declarant.

6.3.3. Preparation and Approval of Annual Budget. Beginning with the year in which a Lot is first conveyed to an Owner other than Declarant and each year thereafter, on or before December 1, the Board shall adopt a budget for the coming year containing an estimate of the total expenses to be incurred by the Association in carrying out its responsibilities (the "Annual Budget"). Such expenses shall include, without limitation, the cost of wages, materials, insurance premiums, services, supplies, and other expenses for the rendering of all services required under this Declaration, and shall also include reasonable amounts, as determined by the Board, for working capital for the Association and for reserves. On or before December 15, preceding the fiscal year to

which the budget applies, the Board shall send to each Owner a copy of the budget in general itemized form setting forth the amount of assessments payable by each Owner. Such budget shall constitute the basis for determining each Owner's Annual Assessment.

6.3.4. Reserves. The Board shall build up and maintain adequate reserves for working capital, contingencies, and replacement, which shall be included in the budget and collected as part of the Annual Assessment. Extraordinary expenditures not originally included in the annual budget, which may become necessary during the year shall be charged first against such reserves. Except in the event of an emergency, reserves accumulated for one purpose may not be expended for any other purpose unless approved by a majority vote of the Members. If the reserves are inadequate for any reason, including nonpayment of any Owner's assessment, the Board may at any time levy a Special Assessment in accordance with the provisions of this Article.

6.3.5. Effect of Failure to Prepare or Adopt Annual Budget. The failure or delay of the Board to prepare or adopt an Annual Budget for any fiscal year shall not constitute a waiver or release in any manner of an Owner's obligation to pay General Assessments whenever the amount of such assessments is finally determined. In the absence of an Annual Budget, each Owner shall continue to pay the assessment at the then existing rate established for the previous fiscal period in the manner such payment was previously due until notified otherwise.

6.4. Annual Assessment. Annual Assessments shall begin on the day of conveyance of the first Lot to an Owner other than Declarant. The initial assessment on any Lot subject to assessment shall be collected at the time title to such Lot is conveyed to the Owner. During the initial year of ownership, each Owner shall be responsible for the pro rata share of the annual or special General Assessment charged to each parcel, prorated to the day of closing based upon a thirty (30) day month.

The Board, by majority vote, shall set the Annual Assessment at a level sufficient to meet the Association's obligations, based upon that year's Annual Budget.

6.5. Special Assessment.

6.5.1. By Meeting. In addition to the Annual Assessment, the Association may levy in any assessment year a Special Assessment applicable to that year and not more than the next five succeeding years. Special Assessments shall be for the purpose of defraying, in whole or in part, the cost of any construction, reconstruction, repair, or replacement of a capital improvement upon the Common Areas and Easement Areas, including fixtures and personal property related thereto. Any Special Assessment must have the assent of the Board, the Class B Member and of two-thirds (2/3) of the votes of the Class A Members voting in person or by proxy at a regular meeting or special meeting duly called for that purpose. Written notice of any such special meeting shall be sent to all members not less than thirty (30) days or more than sixty (60) days in advance of the meeting. If the required Quorum is not present, another meeting may be called, subject to the same notice and Quorum requirements.

6.5.2. Emergency Assessment. The Association may levy an Emergency Special Assessment at any time by a unanimous vote of the Board. Such Emergency Special

Assessment may be for the purpose of defraying, in whole or in part, the cost of any unusual or emergency matters that affect all of the Common Property or all of the Members of the Association (including, after depletion of reserves, any unexpected expenditures not provided by the budget or unanticipated increases in the amounts budgeted). Any Emergency Special Assessment shall be due and payable at the time and in the manner specified by the Board.

6.6. Individual Assessments. The Association may levy at any time an Individual Assessment against a particular Lot. Such Individual Assessment shall be for the purpose of defraying, in whole or in part, the cost of any construction, reconstruction, repair or replacement of an improvement upon the specific Lot, other special services to such Lot such as grounds maintenance or any other charges designated in this Declaration as appropriate for an Individual Assessment. The Association may levy at any time an Individual Assessment against a particular Lot for repair, restoration or maintenance of any Common Property, necessitated by neglect or the willful or negligent act of the Owner, his family, guests, tenants, invitees, contractors, employees, or agents.

6.7. Capital Contribution. At the closing and transfer of title of each Lot to the first Owner other than Declarant, such Owner shall contribute two (2) months of Association dues to the Association. This contribution shall be used by the Association for the purpose of initial and nonrecurring capital expenses of the Association and for providing initial working capital for the Association and shall not be considered as a prepayment of assessments.

6.8. Non-Payment of Assessments. Any assessment levied pursuant to this Declaration, or any installment thereof, which is not paid on the date when due shall be deemed to be a Delinquent Assessment. Delinquent Assessments shall bear interest at the highest rate allowed by law, until paid in full. In addition a late fee of $25.00 shall be charged for each month an assessment remains delinquent. Delinquent Assessments, together with interest, late fees, and the cost of collection thereof, shall immediately become a continuing lien upon the Lot or Lots belonging to the Member against whom the Delinquent Assessment is levied. Such lien shall bind such Lot or Lots in the hands of the then Owner, his heirs, devisees, personal representatives, successors and assigns. The personal obligation of the Member to pay such assessment shall remain his personal obligation for the statutory period. A suit to recover a money judgment for non-payment of any assessment or installment levied may be maintained without foreclosing or waiving the lien herein and by any statute created to secure the same.

6.8.1. The Association may bring an action at law against the Member personally obligated to pay the Delinquent Assessment, or foreclose the lien against the Lot or Lots subject to prior mortgages upon the Lot or Lots, then belonging to said Member. No Owner may waive or otherwise escape liability for the assessments provided for herein by non-use of the Common area or abandonment of his Lot.

6.8.2. For the purpose of enforcing the lien of any unpaid and delinquent assessment, each Lot Owner grants the Board of Directors of the Association irrevocably the power to sell his unit at public outcry to the highest and best bidder for cash. The Board of Directors is authorized to make such a public sale if and only if such sale is made subordinate to any prior recorded mortgage upon the Lot. The Association is hereby authorized to take any and all courses of action available to it for collection of the Delinquent Assessment that the laws of the State of Florida will allow. Any sale of a Lot

to enforce a lien for Delinquent Assessments shall be free from all rights of redemption, (both equitable and statutory) homestead, and dower and all other exemptions, all of which are expressly waived by the Lot Owners. Any such sale and the lien enforced thereby shall take precedence over and have priority over any and all other liens of every nature against the Lot, except real estate and ad valorem taxes assessed against the Lot and the recorded first mortgage. The proceeds of any such sale, whether under the power of sale or by foreclosure suit, shall be applied:

6.8.2.1. first to the payment of the expenses of sale or litigation, attorneys' fees, and sales commission;

6.8.2.2. second, to the payment of real estate and ad valorem taxes assessed against the Lot and any prior recorded or preferred mortgages or deeds of trust;

6.8.2.3. third, to the payment of all amounts due the Association; and

6.8.2.4. the balance, if any, to the Lot Owner whose Lot is sold, or to his assigns.

6.8.3. Upon any default in the payment of any Assessment, the Board of Directors shall have the right to all rents, issues and profits from the Lot in default; to secure the payment through notice to those in possession of the Lot; or by entry into possession in the same manner as a mortgagee entering into possession following default.

6.8.4. All rights, remedies and privileges granted to the Board of Directors or a Lot Owner, pursuant to any terms, provisions and covenants or conditions of the Declaration and By-Laws shall be deemed to be cumulative, and the exercise of any one or more shall not be deemed to constitute an election of remedies nor shall it preclude the party thus exercising the same from exercising such other and additional rights, remedies or privileges as may be granted to such party by the Declaration and By-Laws or at law or in equity.

6.8.5. If the Association retains counsel or a collection agency to obtain payment of any sums due from a Member, then the agency fees and/or legal fees shall be included as part of its cost of collection.

6.8.6. The Association shall notify the holder of the first mortgage on any Lot for which any Assessment levied becomes delinquent for a period in excess of sixty (60) days and in any other case where the Owner of such Lot is in default with respect to the performance of any other obligation hereunder for a period in excess of sixty (60) days.

6.9. Personal Obligation. Any and all Assessments, together with any late fee, interest, and cost of collection when delinquent, including reasonable attorney fees, whether suit is brought, (collectively, the "Assessment Charge") shall be the personal obligation of the person or entity who was the Owner of such Lot at the time when the assessment was levied, and of each subsequent Owner. Each Owner of a Lot, by acceptance of a deed or other transfer document therefore, whether it shall be so expressed in such deed or transfer document, is deemed to covenant and agree to pay the Association as applicable the assessments established or described in this Article.

6.10. Creation of Lien. The Assessment Charge shall also be charged on the land and

shall be a continuing lien upon the parcel against which the Assessment Charge is made. This lien shall be in favor of the Association and shall be for the benefit of all Owners.

6.11. Owner's Acceptance. Each Owner, by acceptance of title to a Lot, hereby expressly vests in the Association the right and power to bring all actions against such Owner personally for the collection of the Assessment Charge as a debt. This includes enforcing the Assessment Charge by all methods available for the enforcement of liens, including foreclosure by an action brought in the name of the Association in a like manner as foreclosure of a mortgage lien on real property. Each Owner hereby expressly grants to the Association a power of sale in connection with such lien. No Owner may waive or otherwise escape liability for the Assessment Charge by non-use of the Common area or abandonment of his Lot.

6.12. Past Due Assessments Where Title Acquired By Foreclosure. Where the mortgagee of a first mortgage of record of a Lot obtains title to the Lot as a result of foreclosure of the first mortgage, such acquirer of title, and his successors and assigns, shall not be liable for the share of the common expenses or assessments by the Association chargeable to such Lot which became due prior to the acquisition of title to such Lot by such acquirer except as provided by Section 720.3085 *Florida Statutes*. Such unpaid share of common expenses or assessments shall be deemed to be common expenses collectible from all of the Lots including such acquirer, and his successors and assigns.

6.13. Other Remedies. The Association shall have the right to assess fines, suspend the voting rights and right to use of the Common Property by an Owner, for any period during which any assessment is Delinquent, and for a period not to exceed sixty (60) days for any infraction of the provisions of this Declaration.

6.14. Certificate of Payment. The treasurer of the Association, upon demand of any Owner, shall furnish to such Owner a certificate in writing signed by a member of the Board setting forth whether any assessments are owed by that Owner. Such certificate, when co-signed by the secretary of the Association, shall be conclusive evidence of payment of any assessment therein stated to have been paid.

6.15. Accounts. Except as otherwise provided herein, all sums collected by the Board with respect to assessments of all types may be commingled in a single fund.

6.16. Real Estate Taxes. If the Common Property is taxed separately from the parcels, the Association shall include such taxes as part of the Annual Assessment. If the Common Property is taxed as a component of the value of the Lot owned by each Owner, then each Owner shall be obligated to promptly pay such taxes prior to them becoming a lien on the Common Property.

7. ARCHITECTURAL CONTROL

7.1. Construction Subject to Architectural Control. Except for those Residences and improvements constructed, erected or provided by Declarant, no clearing, landscaping, construction, modification, alteration, improvement or structure of any kind, shall be commenced, erected, placed or maintained upon any Lot or upon the Common Property, unless and until the plans, specifications and location of the same have been submitted to, and approved in writing in accordance with the provisions of this Article. Modifications subject to architectural control specifically include, but are not limited to, painting or other alteration of a

Dwelling (including doors, windows, and roofs); installation of antennas, satellite dishes, or receivers, solar panels, or other devices; construction of fountains, swimming pools, whirlpools, or other pools; construction of privacy walls or other fences; additions of awnings, gates, flower boxes, shelves, statues, or other outdoor ornamentation; patterned or brightly colored outdoor window coverings; any alteration of the landscaping or topography of the Property including, without limitation, any planting, cutting, or removal of trees or plants; and all other modifications, alterations, or improvements visible from other Lots, whether on a Lot or on Common Areas.

7.2. Creation of Architectural Review Board. Any proposed modifications within the Property subject to architectural control shall be reviewed by an Architectural Review Board ("ARB") as established by the Board. The ARB shall have three (3) members, each appointed by the Board. If the Board fails to establish the ARB, the Board shall act as the ARB.

7.3. Application. The plans to be submitted for approval shall include i) the construction plans and specifications, including all proposed landscaping; ii) an elevation or rendering of all proposed improvements; and iii) such other items as the ARB may deem appropriate. No construction on any Lot shall be commenced and no Lot shall be modified except in accordance with such plan. Any modification to the approved plan must be reviewed and approved by separate application.

7.4. Basis for Decision. Approval shall be granted or denied by the ARB, based upon compliance with the provisions of this Declaration, the quality of workmanship and material, harmony of design with surrounding structures, effect of construction on the appearance from surrounding Lots and other factors, including purely aesthetic considerations, which in the sole opinion of the ARB will affect the desirability or suitability of the construction.

7.5. Uniform Procedures. The ARB may establish procedures for the review of applications, including review costs and fees, if any, to be paid by the applicant.

7.6. Notification. The ARB shall notify the applicant in writing of approval or disapproval within sixty (60) days of receipt of a completed application in accordance with its respective procedures. If approval or disapproval is not given within sixty (60) days, the application shall be deemed disapproved. If approval is given, construction of the improvements applied for may begin, provided that all such construction is in accordance with the submitted plans and provided further that such plans conform in all respects to the other terms and provisions of this Declaration.

7.7. Liability. Approval by the ARB of an application shall not constitute a basis for any liability of the members of the ARB as regards failure of the plans to conform to any applicable building codes, or inadequacy or deficiency in the plans resulting in defects in the improvements.

7.8. Limitations. Nothing shall be erected, constructed, planted, or otherwise placed in such a position (subsequent to the initial construction of improvements on the Property by the Declarant) so as to create a hazard upon or block vision of motorists or interfere with those easements or other rights set forth in this Declaration.

7.9. Construction Regulations. The ARB may also establish regulations governing procedures and behavior of contractors, materials, suppliers and other construction related

visitors, including a requirement that deposits be posted, which may be forfeited if the contractor violates the construction regulations. Construction contractors who are unwilling to comply with the construction regulations or who continue to violate the construction regulations may be prohibited from working within the Subdivision by majority vote of the Board of Directors.

7.10. Enforcement. If any construction is begun which has not been approved or which deviates from the approved plans, the ARB or the Association may bring an action for specific performance, declaratory decree or injunction, in addition to such other remedies as provided under this Declaration or at law.

8. USE RESTRICTIONS

8.2. Allowable Uses. Each Lot shall be used and occupied for only residential purposes and home occupations. Only one primary residence shall be constructed on each Lot. Lots may not be combined to form a single homesite. Home occupations shall conform with Bay County ordinances, the ARB Guidelines and the rules and regulations of the Association. Except as otherwise expressly set forth herein, no business or commercial building may be erected on any Lot and no business may be conducted on any part thereof. Notwithstanding the foregoing, the use of the dwelling for home occupation shall be allowed, provided that such use shall be clearly incidental and subordinate to its use for residential purposes by its occupants, and shall under no circumstance change the residential character of the structure; there shall be no change in the outside appearance of the building or premises, or other visible evidence of the conduct of such home occupation; no traffic shall be generated by such occupation in greater volumes than would normally be expected in a residential neighborhood; and no equipment, tool or process shall be used in such home occupation which creates interference to neighboring properties due to noise, vibration, glare, fumes, odors or any electrical interference.

8.3. Renting. All leases or rental agreements pertaining to a Lot shall be in writing and shall specifically subject the lessee to the requirements of this Declaration, and to all rules and regulations that shall have been properly promulgated.

8.4. Offensive Activities. No noxious or offensive trade or activity shall be carried on upon any Lot, nor shall anything be done thereon which may be or become an annoyance or nuisance to the Owners of other Lots. No junk, wrecks, or inoperative or seldom used automobiles, trucks or boats visible to other Owners shall be permitted to remain on the Property nor shall other unsightly material be stored thereon. All rubbish, trash or garbage shall be regularly removed and shall not be allowed to accumulate. In the event of a claim, controversy, or dispute between or among Lot owners on the question whether an activity is noxious or offensive, or whether anything done or allowed to be located upon a Lot is reasonably an annoyance or nuisance to the Owner of another Lot, the claim, controversy or dispute may be referred by any Owner of a Lot to the Board, which will have sole discretion in making determinations of fact and whose decision upon such claim, controversy or dispute shall be final and binding.

8.5. Fires and Grills. No fires for burning of trash, leaves, clippings or other debris or refuse shall be permitted on any part of the Lots or Common Property. No open flame grills shall be used on any Lot except as permitted by the National Fire Safety Code and the appropriate local governmental fire codes.

8.6. Parking. No automobile, truck, motorcycle, moped, boat, boat and trailer, trailer, house trailer, mobile home, recreational vehicle, camper or any other similar transportation vehicle ("vehicle") or device shall be parked on any roadway (including the unpaved portion of the right-of-way thereof) overnight. No such vehicle shall be parked for any period of time, stored, or otherwise be permitted to remain on the Property except in a garage on a Lot, except that an Owner may park his/her automobile, truck, or motorcycle in that Lot's driveway. No automobile, truck or other commercial vehicle which contains lettering or advertising thereon or which is identified with a business or commercial activity shall be parked for any period of time, or stored or otherwise permitted to remain on any Lot except in a garage on that Lot. All non-operational or nonfunctional vehicles shall be subject to these restrictions and shall at all times be obscured from public or adjoining neighbor's view. All parking within the Property shall be in accordance with the rules and regulations adopted by the Declarant or the Association.

8.7. Animals. No person shall have, keep or maintain on any Lot any fowl, reptiles or animals, domestic or otherwise, except dogs, cats, and other customary household pets, provided that such pets (a) are not kept, bred or maintained for commercial purposes; (b) are duly licensed, if applicable; (c) do not constitute a nuisance; and (d) are not permitted to be present beyond the boundaries of the Owner's Lot without being caged or leashed. All such pets must be walked in appropriate areas and owners of such pets must clean up after their pets. If any such person fails to properly clean up after his pet, the Association shall perform such service and shall bill the pet owner for said service under an Individual Lot Assessment as such is hereafter defined. The Association shall have the right to adopt and enforce such additional pet regulations as are reasonably necessary to ensure that such pets are not and do not become a nuisance.

8.8. Insurance. Nothing shall be done or kept on any Lot or the Common Areas, which will increase the rate of, or result in cancellation of, insurance for Common Areas, Lots, or the contents thereof, without the prior written consent of the Association.

8.9. Signs. No sign of any kind shall be displayed to the public view on any Lot except one sign that conforms with the design standards stipulated in the ARB Guidelines. "For Rent" signs are prohibited. All signs are subject to ARB approval. This restriction does not apply to signs of the Declarant, its agents or assigns, during the sale period of the Lots or to the Association in furtherance of its powers and purposes under this Declaration.

8.10. Attractiveness of Lots. It shall be the responsibility of each Owner to prevent the development of any unclean, unsightly or unkempt condition of the building or grounds on such Lot, which shall tend to substantially decrease the beauty of the neighborhood as a whole or the specific area. All Lots and buildings shall be maintained in a neat, clean and well-kept condition. All garbage shall be kept in sanitary containers. In the event of an Owner's failure to properly maintain or repair in accordance with the requirements of this section, following written notice thereof from the Association to such Owner of its intention, the Association shall be authorized to enter upon the property to accomplish such maintenance or repair, the expense of which shall then be recoverable by the Association by special assessment or other legal means.

8.11. Utility Services and Communications Equipment. All electrical service, telephone lines, television cables, natural gas lines, communication system lines and similar items shall be placed underground. Exposed or exterior radio or television transmission or receiving antennas,

as well as parabolic dishes or satellite dishes, when installed in a manner that minimizes visual impacts, may be permitted at the ARB's sole discretion.

8.12. Clothes Drying. No clotheslines shall be located upon a Lot so as to be visible from any street or from any adjoining real property.

8.13. Temporary Structures. No structures of a temporary nature, including mobile homes, house trailers, travel trailers, motor homes, campers or the like shall be allowed anywhere within the Property, either temporarily or permanently.

8.14. Fuel Storage. No fuel or gas storage tanks shall be erected, placed or permitted on any part of any Lot. However, an Owner may keep and maintain a small propane gas tank for the operation of a barbecue grill but shall keep same stored in a secure location on his/ her Lot out of public view or the view of other Lot Owners.

8.15. Garbage and Trash Containers. No Lot may be used or maintained as a dumping ground for rubbish, trash or other waste. All trash, garbage and other waste shall be kept in sanitary containers within an enclosure constructed as part of each dwelling in a location approved by the ARB. All Lots shall be kept free of the accumulation of rubbish, trash, garbage, other solid waste materials, and all unsightly weeds and underbrush.

8.16. Solar, Wind, and Other Energy Generating Sources. The installation and/or addition of solar panels, windmills, or other forms of energy generating equipment, are subject to the approval of the ARB, under the procedures established herein. Such equipment shall be installed or constructed in such manner as to conform to the architectural design of the approved dwelling, and shall be concealed from view as much as possible, and at the sole discretion of the ARB, shall conform to the overall development and aesthetic scheme of the subdivision.

8.17. Window Air Conditioning Units. No window or wall air conditioning units shall be permitted.

8.18. Common Property Use. The Association may promulgate rules and regulations to define and restrict the use of the Common Property and any structures, which may be constructed thereon by the Declarant or the Association.

8.19. Water and Sewer Service. All water, excepting only that utilized for irrigation purposes, used by any Owner shall be obtained from the Bay County Water and Sewer Administration (WSA), its successors or assigns. All sewage must be disposed of through the sewage lines owned and controlled by WSA, its successors or assigns. The foregoing restriction is imposed as a result of the Declarant's having granted to WSA the sole and exclusive right to provide water and sewer facilities and service to the property.

9. INSURANCE

9.2. Association Obligation to Insure. The Association shall purchase insurance to provide the following described coverages and such other types of insurance as the Association deems advisable:

9.2.1. Liability Insurance. Comprehensive general liability insurance coverage covering the Lots and all Common Property as are owned by the Association. Coverage under such policies may include, without limitation, legal liability of the insured for property damage, bodily injuries and death of persons in connection with the operation, maintenance or use of the Lots and the Common Areas, and legal liability arising out of lawsuits related to employment contracts of the Association. Such coverage shall include, if available, a cross liability endorsement to cover liabilities of the Owners as a group or as an Association to an individual Owner.

9.2.2. Fidelity Bonds. Fidelity bonds may be required to be maintained by the Association for all officers, directors, trustees and employees of the Association and all other persons handling or responsible for funds of or administered by the Association. If the responsibility for the handling of funds has been delegated to a management agent, fidelity bonds may also be required for its officers, employees and agents handling or responsible for funds of, or administered on behalf of the Association. Such fidelity bond coverage shall be based upon best business judgment and shall not be less than the estimated maximum of funds, including reserve funds, in the custody of the Association or the management agent, as the case may be, at any given time during the term of each bond.

9.2.3. Insurance of the Lots.

Required Coverage. Each Owner shall obtain and maintain, at his own expense, (i) liability insurance with respect to the ownership and use of his Parcel, and (ii) wind, fire insurance and insurance against the perils customarily covered by an extended coverage endorsement in an amount equal to not less than the full insurable value of the Improvements erected on the Lot, based upon replacement value. The Association shall not be responsible for obtaining such insurance or have any liability whatsoever in connection therewith. Upon request, each Owner shall forward evidence of insurance coverage to the Association, together with evidence of payment of the most recent premium.

9.2.4. Repair and Reconstruction after Fire or other Casualty. If fire or other casualty damages or destroys any of the improvements on the Common Property, the Board shall arrange for and supervise the prompt repair and restoration of such improvements substantially in accordance with the plans and specifications under which the improvements were originally constructed, or any modification approved by the Board and the ARB. The Board shall obtain funds for such reconstruction first from the insurance proceeds, then from reserves for the repair and replacement of such improvements, and then from any special assessments that may be necessary after exhaustion of insurance and reserves.

9.2.5. Directors' Liability. The board may obtain liability insurance insuring against personal loss for actions taken by members of the Board of Directors in the performance of their duties, such coverage to be of the type and amount determined by the Association.

9.3. Premiums. Premiums upon insurance policies purchased by the Association is a common expense of the Association, which shall be included in assessments paid to the Association by the Owners.

10. TOTAL OR PARTIAL CONDEMNATION

10.1. The Association shall represent the Owners in any condemnation proceedings or in negotiations, settlements and agreements with the condemning authority for acquisition of the Common Areas, or part thereof. Each Owner hereby appoints the Association as attorney-in-fact for such purpose. In the event of a taking or acquisition of part or all of the Common Areas by a condemning authority, the award of proceeds or settlement shall be payable to the Association for the use and benefit of the Owners and their mortgagees as their interest may appear. Such proceeds, if not utilized by the Association for the purpose of restoring or replacing Common Areas that have been taken, shall be disbursed in proportion to assessment shares to the Owners and their mortgagees, as their interest may appear.

11. EASEMENTS

11.1. Easements in Favor of the Declarant and Association. The Declarant hereby creates and reserves for itself, its successors and assigns and for the Association the following easements, which shall benefit the Properties:

11.1.1. Utility Easements. A blanket non-exclusive easement upon, across, over, through, and under the Property for ingress, egress, installation, replacement, repair and maintenance of all public and private utility and service systems. These systems include, but are not limited to, water, sewer, irrigation systems, drainage, telephone, electricity, natural gas, television, cable or communication lines and other equipment. By virtue of this easement the Declarant, and its successors or assigns, may install and maintain facilities and equipment, excavate for such purposes, and affix and maintain wires, circuits and conduits. However, the exercise of this easement must not unreasonably disturb each Owner's right of quiet enjoyment of their Lot.

11.1.2. The Declarant reserves for itself, its successors and assigns and for the Association the right to grant future specific easements to utility companies for services including but not limited to electrical, telephone, cable TV, internet and natural gas, which may burden individual Lots, regardless of whether said Lots have been transferred to subsequent Owners.

11.1.3. Drainage Easements. A blanket non-exclusive easement and right on, over, under and through the ground within the Property to maintain and to correct drainage of surface water and other erosion controls. This easement includes the right to cut any trees, bushes or shrubbery, grade soil, or to take any other action reasonably necessary for health, safety or appearance or to comply with governmental requirements. The Declarant or Association, as applicable, shall notify affected Owners (except in an emergency) and shall restore the affected property to its original condition as nearly as practicable. This easement may be exercised by the Declarant or the Association. Without limiting the generality of the foregoing language, the Owner of each Lot shall maintain in good and operational condition and repair the areas of the Owner's Lot constructed or approved for use for stormwater management, retention, storage or treatment. No such area shall be altered and no improvements shall be placed or allowed to be placed or to remain in such areas without the prior written approval of the ARB.

11.1.4. Non-exclusive Easements on Plat. All easement areas shown on the

Plat(s) are non-exclusive easement grants. Declarant reserves, both for itself and the Association, the right to grant additional non-exclusive easements over, under, across and through such areas, provided that such additional easement grants do not materially interfere with the activities for which such areas were established.

11.1.5. Development Easement. A nonexclusive easement and right of access in favor of Declarant across, under and to all Lots and Common Areas for construction thereon of subdivision improvements, sale of Lots and such other purposes and uses Declarant deems appropriate or necessary in connection with the sale and development of the subdivision.

11.2. Common Areas. Each Owner shall have the right to use the Common Areas as shown on the Plat.

11.3. General. Declarant does hereby grant a nonexclusive personal easement and right of ingress and egress across, under, and to all Common Areas, to each and all law enforcement, fire fighting, and postal or delivery organizations, and to any other persons, organizations or entities who, in the normal course of their operation, respond to public or private emergencies, or who provide public or private utility services.

12. RULES AND REGULATIONS

12.1. Initial Promulgation. The initial rules and regulations for the Association may be promulgated by the Declarant and may be not only as to those matters and subjects identified in this Declaration but may also be as to any matter and subject, the regulation of which shall be needed to govern misconduct or to promote harmony among the Owners.

12.2. Amendment. The initial rules and regulations for the Association shall be amended only by the Board of Directors of the Association.

13. GENERAL PROVISIONS

13.1. Indemnification. The Association shall indemnify every one of its officers, directors and committee members against all damages and expenses, including legal counsel fees, reasonably incurred in connection with any action, suit or other proceeding (including settlement of any suit or proceeding, if approved by the then Board) to which he or she may be a party by reason of being or having been an officer, director or committee member, except that such obligation to indemnify shall be limited to those actions for which liability is limited under this Section and Florida law.

The officers, directors and committee members shall not be liable for any mistake of judgment, negligent or otherwise, except for their own individual willful misfeasance, malfeasance, misconduct, or bad faith. The officers and directors shall have no personal liability with respect to any contract or other commitment made or action taken in good faith on behalf of the Association (except to the extent that such officers or directors may also be Members of the Association). The Association shall indemnify and forever hold each such officer, director and committee member harmless from any and all liability to others on account of any such contract, commitment or action. This right to indemnification shall not be exclusive of any other rights to which any present or former officer, director or committee member may be entitled. The Association may, as a Common Expense, maintain adequate general liability,

officers' and directors' liability insurance and other insurance deemed advisable to fund this obligation, if such insurance is reasonably available.

13.2. Dedication of Common Areas. The Association may dedicate portions of the Common Areas to Bay County, Florida, or to any other local, state or federal governmental or quasi-governmental entity for purposes determined to be in the interest of the Owners.

13.3. Security. The Association may, but shall not be obligated to maintain or support certain activities within the Properties designed to make the Properties safer than they otherwise might be. Neither the Association, the original Declarant, nor any successor Declarant shall in any way be considered insurers or guarantors of security within the Properties, nor shall any of them be held liable for any loss or damage by reason of failure to provide adequate security or ineffectiveness of security measures undertaken. No representation or warranty is made that any fire protection system, burglar alarm system or other security system or measures, including any mechanism or system for limiting access to the Property, cannot be compromised or circumvented, nor that any such systems or security measures undertaken will in all cases prevent loss or provide the detection or protection for which the system is designed or intended.

13.4. Stormwater Management System.

13.4.1. Definitions. "Surface Water or Stormwater Management System" means a system which is designed and constructed or implemented to control discharges which are necessitated by rainfall events, incorporating methods to collect, convey, store, absorb, inhibit, treat, use or reuse water to prevent or reduce flooding, overdrainage, environmental degradation, and water pollution or otherwise affect the quantity and quality of discharges from the system, as permitted pursuant to chapters 40c-4, 40C-40, or 40C-42, F.A.C.

13.4.2. Use of Property. Surface Water or Stormwater Management System. The Association shall be responsible for the maintenance, operation and repair of the surface water or stormwater management system. Maintenance of the surface water or stormwater management system(s) shall mean the exercise of practices that allow the systems to provide drainage, water storage, conveyance or other surface water or stormwater management capabilities as permitted by the City of Callaway, Bay County or the State of Florida. The Association shall be responsible for such maintenance and operation. Any repair or reconstruction of the surface water or stormwater management system shall be as permitted, or if modified, as approved by Bay County, the State of Florida, or the City of Callaway.

13.4.3. Amendment. Any amendment to the Covenants and Restrictions that alter the surface water or stormwater management system, beyond maintenance in its original condition, including the water management portions of the common areas, must have the prior approval of Bay County, the State of Florida, the City of Callaway and/or any other appropriate governmental agency.

13.5. Enforcement. Other than as specifically set forth herein, the Association, or any Owner, shall have the right to enforce, by a proceeding at law or in equity, all restrictions, conditions, covenants, reservations, liens and charges now or hereafter imposed by the provisions of this Declaration. Failure of the Association or by any Owner to enforce any

restriction, condition, covenant, reservation, lien, charge, rule or regulation herein contemplated or contained shall in no event be deemed a waiver of the right to do so thereafter. If any court proceedings are required for the successful enforcement of any condition, restriction or covenant contained herein (due to its violation or breach) or lien against any Owner or against any other person or entity, said Owner, person or entity expressly agrees to pay all costs, including a reasonable attorney's fee, of the party initiating such successful judicial proceeding for the enforcements of said condition, restriction, covenant and/or lien. Notwithstanding anything herein to the contrary, any and all costs, including but not limited to attorneys' fees and court costs, which may be incurred by the Association or the Declarant in the enforcement of any of the provisions of this Declaration, regardless of whether such enforcement requires judicial action, shall be assessed as an Individual Lot Assessment to the Owner against whom such action was taken.

13.6. Association's Performance of Owner's Duties. If an Owner of any Lot shall fail to comply with any of its obligations under this Declaration and such failure continues for ten (10) days after written notice of such failure from the Association, the Association, after approval by a majority of the Board of Directors, shall have the right, through its agents, employees or contractors, to enter upon said Lot and to perform such acts and pay such amount necessary to fulfill such obligations and bring the Lot and Owner into compliance with this Declaration and all costs and expenses incurred in connection therewith shall be a Individual Lot Assessment against such Lot.

13.7. Severability. Invalidation of any one of these covenants or restrictions by judgment or court order shall in no way affect any other provisions that shall remain in full force and effect.

13.8. Duration. The covenants and restrictions of this Declaration shall run with and bind the land, for a term of 30 years from the date this Declaration is recorded, after which time they shall be automatically extended for successive periods of 10 years unless 75% of the members of the Association and 75% of the holders of first mortgages against Lots in the development decide that such covenants, conditions and restrictions shall abate, which decision, if made, shall be evidenced by an agreement in writing signed by 75% of the membership and by 75% of the first mortgage holders, setting forth their decision, which document shall be effective when duly recorded in the Public Records of Bay County, Florida.

13.9. Availability of Records and Other Documents. The Association shall make available to the Owner of any Lot current copies of this Declaration, the Articles of Incorporation of the Association, and the books, records and financial statements of the Association. Such items shall be available to any of the described parties for inspection upon request during normal business hours or under other reasonable circumstances. Copies shall be provided for a nominal fee to reimburse the Association for any expense that may be incurred.

13.10. Amendment.

13.10.1. By Members. This Declaration may be amended at any time by an instrument signed by the president or vice president and secretary of the Association, certifying approval in writing by seventy-five percent (75%) of the voting interests. Rights reserved to the Declarant may not be amended without the specific consent of the Declarant.

13.10.2. By the Declarant. The Declarant specifically reserves the absolute and unconditional right, so long as it is a Class B Member, to amend this Declaration without consent or joinder of any party (i) to conform to the requirements of the Federal Home Loan Mortgage Corporation, Veterans Administration, Federal National Mortgage Association, Office of Interstate Land Sales Registration, Federal Home Loan Bank Board or any other similar entity, (ii) to conform with the requirements of institutional mortgage lenders or title insurance companies, (iii) to clarify the Declaration's provisions or correct errors, and/or to (iv) to make any other changes which, in the sole opinion of Declarant, is necessary or convenient for the orderly development of the Subdivision.

13.10.3. Recording. Any amendment shall take effect upon recording in the public records.

13.11. Legal Fees. Any and all legal fees, including but not limited to attorneys' fees and court costs, which may be incurred by the Association in the enforcement of any of the provisions of this Declaration, regardless of whether such enforcement requires judicial action, shall be assessed (by either general or special assessment) against and collectible from the Owner against whom such action was taken and shall be a lien against such Owner's Lot in favor of the Association.

13.12. Continuing Violation. Any single violation of any use restriction by an Owner shall constitute a continuing violation, which shall allow the Association or any other Owner to seek permanent injunctive relief. In no event shall a violation of these conditions, restrictions, or covenants ever be interpreted to work a reverter or forfeiture of title.

13.13. Notices. Any notice required to be sent to the Owner of any lot under the provisions of this Declaration shall be deemed to have been properly sent when mailed, postage prepaid, or hand delivered to the last know address of the person who appears as Owner of such Lot on the records of Association at the time of such mailing.

SIGNATURES ON FOLLOWING PAGE

SIGNATURES

IN WITNESS WHEREOF, the undersigned, being the Declarant herein, has caused these presents to be signed, sealed and delivered this 1st day of October, 2018.

Print Witness Name: Tracy Gregg

Print Witness Name: Richard S. McNeese

Laird Point Investors, LLC

By: _____
Norman McLean, Manager

STATE OF FLORIDA
COUNTY OF Walton

The foregoing instrument was acknowledged before me this 1st day of October, 2018, by Norman McLean, Manager and on behalf of Laird Point Investors, LLC, a Florida limited liability company. He is personally known to me.

_____
Notary Public: Richard S. McNeese

RICHARD S. MCNEESE
Notary Public - State of Florida
Commission # FF 222788
My Comm. Expires Aug 13, 2019
Bonded through National Notary Assn.

EXHIBIT "A"

PLAT OF LAIRD POINT PHASE TWO

(on following page)

PLAT BOOK _____ PAGE _____

LAIRD POINT PHASE TWO

A SUBDIVISION OF A PORTION OF GOVERNMENT LOT 2, SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST, CALLAWAY, BAY COUNTY, FLORIDA

PREPARED BY:

BUCHANAN & HARPER, INC.

ENGINEERING - PLANNING - SURVEYING - LANDSCAPE ARCHITECTURE

CERTIFICATE OF AUTHORIZATION NUMBER 2372

750 WEST 11TH STREET PANAMA CITY, FLORIDA PHONE 850-763-7427 WWW.BUCHANAN-HARPER.COM

JULY 2018

DEDICATION

LAIRD POINT INVESTORS, LLC, HAS CAUSED THESE PRESENTS TO BE EXECUTED BY NORMAN NELEAR, MANAGING MEMBER OF LAIRD POINT INVESTORS, LLC, A FLORIDA LIMITED LIABILITY COMPANY, ON THIS _____ DAY OF _____ 2018

NORMAN NELEAR, MANAGING MEMBER

WITNESS

STATE OF FLORIDA, COUNTY OF WALTON

I, _____, A NOTARY PUBLIC IN THE STATE OF FLORIDA, DO HEREBY CERTIFY THAT NORMAN NELEAR, MANAGING MEMBER OF LAIRD POINT INVESTORS, LLC, A FLORIDA LIMITED LIABILITY COMPANY, PERSONALLY KNOWN TO ME TO BE THE SAME PERSON WHOSE NAME IS SUBSCRIBED TO THE FOREGOING AS SUCH MANAGING MEMBER, APPEARED BEFORE ME IN PERSON AND ACKNOWLEDGED THAT SHE SIGNED THIS PLAT AS HER OWN FREE AND VOLUNTARY ACT FOR THE USES AND PURPOSES HEREIN STATED. GIVEN UNDER MY HAND AND NOTARIAL SEAL THIS _____ DAY OF _____ 2018

NOTARY PUBLIC
MY COMMISSION EXPIRES _____

NOTICE: THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL BE RELIED UPON BY THE PUBLIC AND OFFICIALS. ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT, THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY

GENERAL NOTES

1. THE ROAD KNOWN HEREON WHICH IS LABELED "PRIVATE ROAD" IS NOT WITHIN THE LANDS HEREBY PLATTED, AND IS OWNED, HELD AND MAINTAINED BY LAIRD POINT INVESTORS, LLC, AND MADE AVAILABLE TO THE USE OF THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., ITS MEMBERS, INVITEES, GUESTS, DESIGNEES AND LICENSEES FOR ACCESS PURPOSES ONLY. LAIRD POINT, LLC, RETAINS ITS TURF TIRE OWNERSHIP AND MAINTENANCE OF THE PRIVATE ROAD TO THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC. THE PRIVATE ROAD CONNECTS TO OLD BICYCLE ROAD, A PUBLIC ROADWAY.

2. THE RIGHTS HEREIN DEDICATED TO THE USE OF THE LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC., MAY INCLUDE CERTAIN IMPROVEMENTS NOT CONSISTENT THEREWITH, INCLUDING WATER MAINS AND ASSOCIATED APPURTENANCES.

3. COVENANTS AND RESTRICTIONS WHICH GOVERNED THE LAND HEREBY PLATTED ARE FILED IN BAY COUNTY PUBLIC RECORDS BOOK _____, PAGE _____. ALL SUBDIVIDED NUMBERED PARCELS IDENTIFIED ON THE PLAT ARE "LOTS" AS THAT TERM IS DEFINED IN THE ABOVE-REFERENCED COVENANTS AND RESTRICTIONS.

4. ALL SUBDIVIDED LETTERED TRACTS IDENTIFIED ON THE PLAT ARE "COMMON AREAS" AS THAT TERM IS DEFINED IN THE ABOVE-DESCRIBED COVENANTS AND RESTRICTIONS, EXCEPT THAT TRACTS GG AND FF SHALL BE RESERVED BY THE DEVELOPER FOR FUTURE PRIVATE DEVELOPMENT OR COMMON USE. AREAS MARKED "ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT" ARE RESERVED TO THE DEVELOPER, LAIRD POINT INVESTORS, LLC, PRIMARILY FOR NATURAL VEGETATION BUFFER AND STORMWATER MANAGEMENT, BUT MAY BE UTILIZED FOR CERTAIN UPPER LIMITED PURPOSES AS ARE DESCRIBED IN THE COVENANTS AND RESTRICTIONS.

5. THE BOUNDARY COMMON TO THE TRACTS AND THE WATER BODIES IS THE MEAN HIGH WATER LINE, WHICH IS ERRATIC. THE MEAN HIGH WATER LINE DEPICTED HEREON WAS LOCATED BETWEEN NOVEMBER 2002 AND JANUARY 2004

6. ALL PLATTED UTILITY EASEMENTS SHALL ALSO BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES PER CHAPTER 177.091(28), FLORIDA STATUTES.

7. BASIS OF BEARINGS IS N 88°43'08" E ON THE NORTH LINE OF SECTION 22, TOWNSHIP 4 SOUTH, RANGE 13 WEST.

8. BAY COUNTY OFFICIAL RECORDS BOOK 43, PAGE 385, DESCRIBES AN EASEMENT, DATED MAY 26, 1982, GRANTED BY E. A. ELLIS DAVIS TO GULF POWER COMPANY "ON THE STREETS AND PUBLIC WAYS OF THE COMPANY IF THIS PARCEL DESCRIBED IN THE DOCUMENT "IS SUBDIVIDED AND STREETS AND PUBLIC WAYS ARE PROPERLY DEDICATED ON RECORDED PLATS." THE LAND HEREIN PLATTED LIES WITHIN THE PARCEL DESCRIBED IN THE DOCUMENT

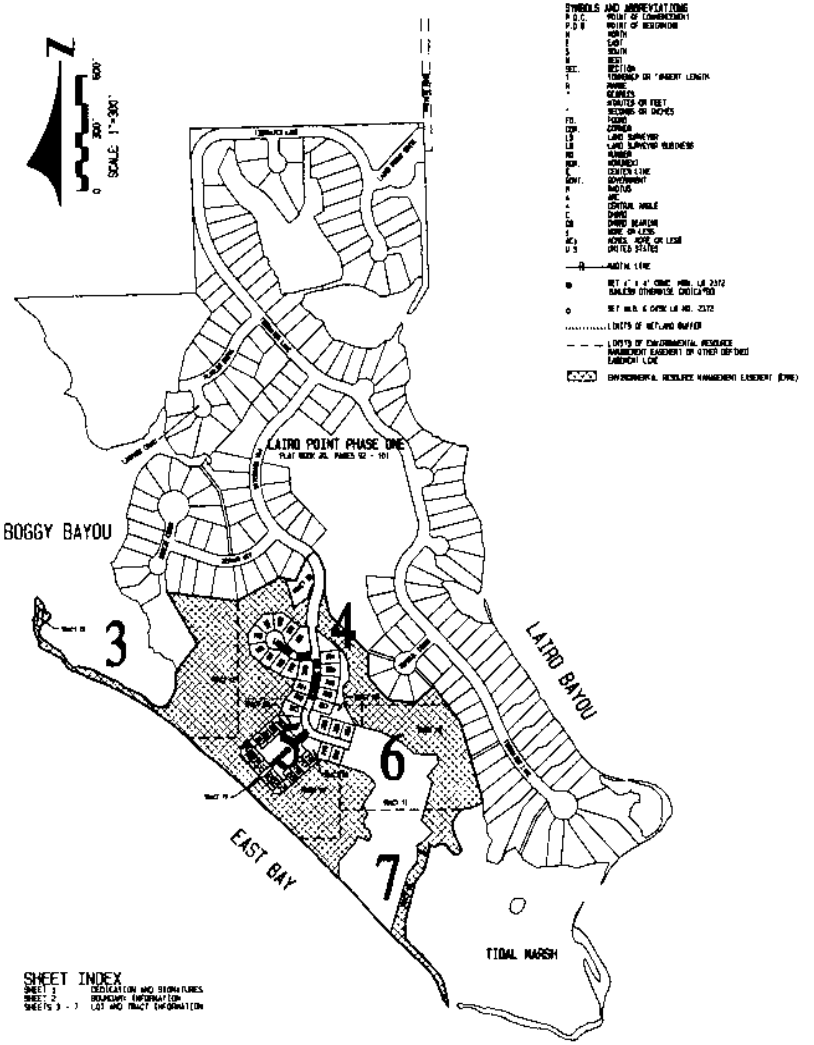
9. BAY COUNTY OFFICIAL RECORDS BOOK 3007, PAGE 1088, DESCRIBES A BLANKET EASEMENT GRANTED BY LAIRD POINT, LLC TO GULF POWER COMPANY, DATED JULY 21, 2006 THAT ENCUMBERS ALL OF THE LAND BEING PLATTED

10. BAY COUNTY OFFICIAL RECORDS BOOK 3258, PAGE 651, DESCRIBES A CONSERVATION EASEMENT GRANTED BY LAIRD POINT INVESTORS, LLC TO THE BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND OF THE STATE OF FLORIDA, DATED MARCH 14, 2016, THAT ENCUMBERS TRACTS CC, FF, HH, KK, MM AND TT AS INDICATED.

11. BAY COUNTY OFFICIAL RECORDS BOOK 3258, PAGE 26, DESCRIBES A CONSERVATION EASEMENT GRANTED BY LAIRD POINT INVESTORS, LLC TO THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, DATED MARCH 14, 2016, THAT ENCUMBERS ALL OF TRACTS CC, HH, KK, MM, AND TT AS INDICATED BY THE CROSS-HATCHED AREA DESIGNATED "ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT (ERME)", AND PORTIONS OF LAIRD POINT PHASE ONE

TRACT ACREAGES & INTENDED USE

TRACT BB	6.451 ACs	FUTURE DEVELOPMENT OR COMMON AREA
TRACT CC	10.788 ACs	COMMON AREA & CONSERVATION EASEMENT
TRACT DD	0.203 ACs	COMMON AREA
TRACT EE	0.646 ACs	COMMON AREA
TRACT FF	0.084 ACs	COMMON AREA
TRACT GG	0.185 ACs	COMMON AREA
TRACT HH	4.781 ACs	COMMON AREA & CONSERVATION EASEMENT
TRACT KK	0.909 ACs	COMMON AREA & CONSERVATION EASEMENT
TRACT MM	7.0956 ACs	COMMON AREA & CONSERVATION EASEMENT
TRACT NN	0.746 ACs	COMMON AREA
TRACT TT	7.488 ACs	FUTURE DEVELOPMENT OR COMMON AREA

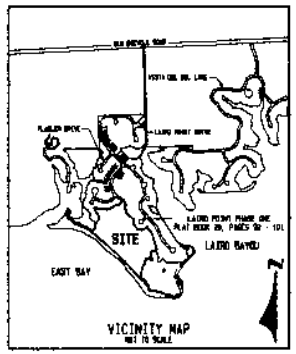


SYMBOLS AND ABBREVIATIONS

P.O.C.	POINT OF COMMENCEMENT
P.O.B.	POINT OF BEGINNING
N	NORTH
E	EAST
S	SOUTH
W	WEST
SEC.	SECTION
T	TOWNSHIP OR TANGENT LENGTH
R	RADIUS
'	MINUTES
"	SECONDS OR INCHES
FD.	FOUND
COR.	CORNER
LS	LAND SURVEYOR
LB	LAND SURVEYOR BUSINESS
NO.	NUMBER
ADM.	ADMINISTRATIVE
C.	CENTER LINE
GOVT.	GOVERNMENT
M	MONUMENT
Δ	DELTA
∠	CENTRAL ANGLE
CH	CHORD
CB	CHORD BEARING
±	MORE OR LESS
ACs	ACRES, MORE OR LESS
U.S.	UNITED STATES
—R—	RADIAL LINE
●	SET 4" x 4" CONC. MON. LB 2372 UNLESS OTHERWISE INDICATED
○	SET NAIL & DISK LB NO. 2372
.....	LIMITS OF WETLAND BUFFER
- - -	LIMITS OF ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT OR OTHER DEFINED EASEMENT LINE
ERME	ENVIRONMENTAL RESOURCE MANAGEMENT EASEMENT (ERME)

SHEET INDEX

SHEET 1 - DEDICATION AND SIGNATURES
SHEET 2 - BOUNDARY INFORMATION
SHEETS 3 - 7 - LOT AND TRACT INFORMATION



TITLE CERTIFICATION

THE UNDERSIGNED TITLE COMPANY, LICENSED IN THE STATE OF FLORIDA, CERTIFIES THAT TITLE TO THE LANDS DESCRIBED HEREON IS IN THE NAME OF THE DEDICATOR AS SHOWN HEREON AND THAT THERE ARE NO UNSATISFIED MORTGAGES

SIGNED THIS _____ DAY OF _____ 2018

TITLE INSURANCE COMPANY: _____

BY _____

WITNESS _____

TAX COLLECTOR'S STATEMENT

I, DEBBIE PERDUE, DO HEREBY CERTIFY THAT TAXES HAVE BEEN PAID THROUGH TAX YEAR _____ TO THE BEST OF MY KNOWLEDGE

DEBBIE PERDUE
BAY COUNTY TAX COLLECTOR

REVIEWING SURVEYOR'S CERTIFICATE

I, WILLIAM E. WALSTROHM, JR., REVIEWING SURVEYOR FOR THE CITY OF CALLAWAY, FLORIDA, HAVE REVIEWED THIS PLAT AND CERTIFY THAT IT COMPLIES WITH ALL THE REQUIREMENTS OF CHAPTER 177, PART 1, FLORIDA STATUTES

WILLIAM E. WALSTROHM, JR., PLS _____ DATE _____
FLORIDA CERTIFICATE NUMBER 3257

CITY COMMISSIONERS' APPROVAL

WE HEREBY CERTIFY THAT THIS PLAT HAS BEEN EXAMINED AND WAS APPROVED BY THE CITY COMMISSIONERS OF CITY OF CALLAWAY, FLORIDA, THIS _____ DAY OF _____ 2018.

SCOTT DAVIS, WARD I
RON FOUNTAIN, WARD III
DAVID BRYANT, WARD II
KENT JONES, WARD IV
MARK HENDERSON, MAYOR

COUNTY CLERK'S CERTIFICATE

I, BILL KINSAUL, CLERK OF THE CIRCUIT COURT OF BAY COUNTY, FLORIDA, HEREBY CERTIFY THAT THIS PLAT WAS FILED FOR RECORD ON THE _____ DAY OF _____ 2018 IN PLAT BOOK _____ PAGES _____

BILL KINSAUL
CLERK OF THE CIRCUIT COURT
BAY COUNTY, FLORIDA

SURVEYOR'S CERTIFICATE

THE UNDERSIGNED HEREBY CERTIFIES THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE LANDS SURVEYED, THAT THE SURVEY WAS MADE UNDER MY RESPONSIBLE DIRECTION AND SUPERVISION, THAT THE SURVEY DATA COMPLIES WITH ALL THE REQUIREMENTS OF CHAPTER 177, PART 1, FLORIDA STATUTES, AND THAT MONUMENTATION HAS BEEN SET ON THE BOUNDARY, RIGHTS OF WAY, CENTERLINES AND LOT CORNERS.

J. TODD TINDELL, PLS _____ DATE _____
FLORIDA CERTIFICATE NUMBER 4859

BUCHANAN & HARPER, INC.
750 WEST 11TH STREET, PANAMA CITY, FLORIDA
PHONE 850-763-7427 WWW.BUCHANAN-HARPER.COM
CERTIFICATE OF AUTHORIZATION NUMBER 2372

File # 201805972G BK: 4054 PG: 137, Pages: 25 of 44

EXHIBIT "B"

ARTICLES OF ORGANIZATION

LAIRD POINT PHASE TWO OWNERS ASSOCIATION, INC.

(attached on following pages)

N18000010196

(Requestor's Name)

(Address)

(Address)

(City/State/Zip/Phone #)

☐ PICK-UP ☐ WAIT ☐ MAIL

(Business Entity Name)

(Document Number)

Certified Copies _____ Certificates of Status _____

Special Instructions to Filing Officer:

Office Use Only

N. SAMS

SEP 24 2018

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09/21/18--01013--004 **70.00

18 SEP 21 PM 12:50

McNEESE LAW FIRM
OLD SOUTH CENTRE
36468 EMERALD COAST PARKWAY
SUITE 120
DESTIN, FLORIDA 32541
PHONE: (850) 337-4200
FAX: (850) 337-4243

RICHARD S. McNEESE
email: RMcNeese@McNeeseTitle.com

LICENSED IN FLORIDA AND TENNESSEE

September 19, 2018

Department of State
Division of Corporations
Clifton Building
2661 Executive Center Circle
Tallahassee, Fl 32301

Re: Laird Point Phase Two Owners Association, Inc.

Ladies and Gentlemen:

Enclosed for filing are the Articles of Incorporation for the above referenced entity along with a copy of same for return to the undersigned upon filing. Also enclosed is a check in the amount of $70.00 for the filing fees.

Thank you in advance for your cooperation.

Sincerely,

Richard S. McNeese

Enclosures

18 SEP 21 PM 12:39

ARTICLES OF INCORPORATION
LAIRD POINT PHASE TWO OWNERS ASSOCIATION, INC.

In compliance with the laws of the State of Florida, the undersigned hereby voluntarily associate, to form a corporation not-for-profit for the purposes and with powers set forth herein. All capitalized terms, to the extent not defined herein, shall have the meanings set forth in the Declaration of Covenants, Conditions and Restrictions for Laird Point Phase Two Subdivision, to be recorded in the public records of Bay County, Florida, as it may be modified and supplemented from time to time (the "Declaration").

ARTICLE I. NAME

The name of the corporation is Laird Point Phase Two Owners Association, Inc., (the "Association").

ARTICLE II. REGISTERED AGENT

The name and address of the Registered Agent of the Association is:

Richard S. McNeese
36468 Emerald Coast Parkway
Suite 1201
Destin, FL 32541

18 SEP 21 PM 12:50

ARTICLE III. PRINCIPAL OFFICE

The initial principal office of the Association shall be located at 543 Driftwood Point, Santa Rosa Beach, FL 32459, but the Association may maintain offices and transact business in such places, within or without the State of Florida, as may from time to time be designated by the Board of Directors.

ARTICLE IV. PURPOSE AND POWERS

The Association does not contemplate pecuniary gain or profit to its Members. The specific purposes for which it is formed are to operate as a corporation-not-for-profit pursuant to Chapters 617 and 720, Florida Statutes and to provide for the maintenance, preservation and architectural control of all Improvements on the Property and the Common Property, all within that certain tract of land described in the Declaration (the "Property"), as such is supplemented from time to time, all for the mutual advantage and benefit of the Members of this Association, who shall be the Owners of the Parcels. For such purposes, the Association shall have and exercise the following authority and powers all of which may be exercised by the Board of Directors:

(1) To exercise all of the powers and privileges and to perform all of the duties and obligations of the Association as set forth in the Declaration, as the same may be amended from time to time as therein provided, as well as in the provisions of these Articles and the Bylaws. The Declaration is incorporated herein by this reference as if set forth in detail;

(2) To fix, levy, collect and by any lawful means enforce payment of all Assessments pursuant to the terms of the Declaration, and to pay all expenses in connection therewith, and all

office and other expenses incident to the conduct of the business of the Association, including all licenses, taxes or governmental charges levied or imposed against the property of the Association;

(3) To acquire by gift, purchase or otherwise, own, hold, improve, build upon, operate, maintain, convey, sell, lease, transfer, dedicate for public use, or otherwise dispose of real or personal property or any improvements thereon in connection with the affairs of the Association;

(4) To borrow money and pledge or hypothecate any and all of the Association's real or personal property as security for money borrowed or debts incurred;

(5) To participate in mergers and consolidations with other non-profit corporations organized for the same purposes, as more fully provided in the Declaration;

(6) To maintain, repair, replace, operate and manage the Common Property and to make, establish and amend reasonable rules and regulations governing the use of the Parcels and Common Property;

(7) To employ personnel, agents or independent contractors to perform the services required for the proper operation of the Common Property;

(8) To dedicate, sell or transfer all or any part of the Common Property to any public agency, authority or utility for such purposes and subject to such conditions as may be agreed to by the Board of Directors; and

(9) To have and to exercise any and all powers, rights and privileges which a corporation organized under the laws of the State of Florida may now or hereafter have or exercise.

All of the Association's assets and earnings shall be used exclusively for the purposes set forth herein and in accordance with Section 528 of the Internal Revenue Code of 1986, as amended ("Code"), and no part of the assets of this Association shall inure to the benefit of any individual Member or any other person. The Association may, however, reimburse its Members for actual expenses incurred for or on behalf of the Association, and may pay compensation in a reasonable amount to its Members for actual services rendered to the Association, as permitted by Section 528 of the Code, other applicable provisions of the Code, federal and state law. In addition, the Board of Directors shall also have the right to exercise the powers and duties set forth in the Bylaws.

ARTICLE V. MEMBERSHIP

(1) Every person or entity who is record owner of a fee or undivided fee interest in any Parcel, including Laird Point Investors, LLC, a Florida Limited Liability Company ("Developer") and contract sellers, shall be a Member of the Association. The foregoing is not intended to include persons or entities that hold an interest merely as security for the performance of an obligation. Membership shall be appurtenant to, and may not be separated from, ownership of any Parcel that is subject to assessment by the Association.

Sep 21 P12:50

granted, conveyed and assigned to any nonprofit corporation, association, trust or other organization to be devoted to similar purposes.

ARTICLE X. OFFICERS

Subject to the direction of the Board of Directors, the affairs of this Association shall be administered by its officers, as designated in the Bylaws of this Association. Said officers shall be elected annually by the Board of Directors. The names and addresses of the officers who shall serve until the first annual meeting of the Board of Directors are:

Name	Title	Address
Norman McLean	President	543 Driftwood Point Santa Rosa Beach, FL 32459
John Floyd	Vice President	P.O. Box 1551 Santa Rosa Beach, FL 32459
David Lutz	Secretary/Treasurer	P.O. Box 1551 Santa Rosa Beach, FL 32459

ARTICLE XI. BYLAWS

The Bylaws of this Association shall be adopted by the first Board of Directors, which Bylaws may be altered, amended, modified or appealed in the manner set forth in the Bylaws.

ARTICLE XII. AMENDMENTS

Until Turnover, Developer reserves the exclusive right to amend or repeal any of the provisions of those Articles of Incorporation or any amendments hereto without the consent of any Class A Member or Institutional Mortgagee. The Board of Directors may amend these Articles with a two thirds vote of the Board. Provided, further, that no amendment shall conflict with any provisions of the Declaration. After Turnover, the consent of any Institutional Mortgagees shall be required for any amendment to these Articles which impairs the rights, priorities, remedies or interest of such Institutional Mortgagees, and such consent shall be obtained in accordance with the terms and conditions, and subject to the time limitations, set forth in the Declaration.

ARTICLE XIII. INDEMNIFICATION

This Association shall indemnify each and all of its Directors, officers, employees or agents, or former Directors to the fullest extent permitted by law. Said indemnification shall include, but not be limited to, the expenses, including the cost of any judgments, fines, settlements and counsel's fees, actually and necessarily paid or incurred in connection with any action, suit or proceeding, whether civil, criminal, administrative or investigative, and any appeals thereof, to which any such person or his legal representative may be made a party or may be threatened to be made a party by reason of his being or having been a Director, officer, employee or agent, as herein provided. The foregoing right of indemnification shall not be inclusive of any other rights to which any such person may be entitled as a matter of law or which he may be lawfully

granted. It shall be the obligation of the Association to obtain and keep in force a policy of officers' and Directors' liability insurance.

ARTICLE XIV. STORMWATER MANAGEMENT AND DISCHARGE FACILITY

The Association shall operate and maintain a stormwater management system and discharge facility as exempted or permitted by Okaloosa County and the State of Florida. The Association shall establish rules and regulations, assess members, and contract for services to provide the services for such operation and maintenance. Said operation of the stormwater management system and discharge facility shall be as follows:

Each lot owner shall be a part of the storm water management system, which requires storm water retention facilities and retention areas to be maintained by the Association, and operated in accordance with the agreements and regulations of Okaloosa County and the State of Florida.

There shall be assessed by the Association, on each lot owner, a pro-rated and monthly basis assessment in the amount required to maintain, repair, and meet the expenses and costs of the storm water retention facilities, including, but not limited to, the expenses of repair, maintenance, and when necessary, the replacement of the drainage system, and storm water system.

ARTICLE XV. SUBSCRIBER

The name and address of the Subscriber of the corporation is:

Norman McLean
543 Driftwood Point
Santa Rosa Beach, FL 32459

For the purpose of forming this Association under the laws of the State of Florida, the undersigned has executed these Articles of Incorporation on September 18, 2018.

Norman McLean

10 SEP 21 PM 12:50

CERTIFICATE OF DESIGNATION OF PLACE OF BUSINESS
OR DOMICILE FOR THE SERVICE OF PROCESS WITHIN FLORIDA,
NAMING AGENT UPON WHOM PROCESS MAY BE SERVED

In compliance with Section 48.091, Florida Statutes, the following is submitted:

Laird Point Phase Two Owners Association, Inc., desiring to organize or qualify under the laws of the State of Florida, with its current principal place of business at 543 Driftwood Point, Santa Rosa Beach, FL 32459, has named Richard S. McNeese, whose address is 36468 Emerald Coast Parkway, Suite 1201, Destin, Florida 32541 as its agent to accept service of process within Florida.

Laird Point Phase Two Owners Association, Inc.

By: _____
Norman McLean, President
Date: September 18, 2018

Having been named to accept service of process for the above stated corporation, at the place designated in the certificate, I agree to act in this capacity and I further agree to comply with the provisions of all statutes relative to the proper and complete performance of my duties.

_____
Richard S. McNeese
Date: September 18, 2018

18 SEP 21 PM 12:50

EXHIBIT "C"

BYLAWS OF

LAIRD POINT PHASE TWO OWNERS ASSOCIATION, INC.

(attached on following pages)

BYLAWS
OF
LAIRD POINT PHASE TWO OWNERS ASSOCIATION, INC.

ARTICLE I - NAME AND LOCATION

The name of the corporation is LAIRD POINT PHASE TWO OWNERS ASSOCIATION, INC., hereinafter referred to as the "Association." The initial principal office of the corporation shall be 543 Driftwood Point, Santa Rosa Beach, FL 32459, but meetings of Members and Directors may be held at such places within the state of Florida, as may be designated by the Board of Directors.

ARTICLE II - DEFINITIONS

All capitalized terms set forth herein, except as specifically set forth herein, shall have the same meaning and definition as set forth in the Declaration of, Covenants, Conditions ,and Restrictions for Laird Point Phase Two, to be recorded in the public records of Bay County, Florida, as such may be modified and supplemented from time to time ("Declaration").

ARTICLE III - MEETING OF MEMBERS

Section 3.1 Annual Meetings. The regular meetings of the Members shall be held on a designated day of November of each year hereafter, at the hour designated by the Board of Directors in the notice provided herein below.

Section 3.2 Special Meeting. Special meetings of the Members may be called at any time by the President or by the Board of Directors, or upon written request of the Members who are entitled to vote one-fourth (1/4) of all of the votes of the Membership. Business conducted at a special meeting is limited to the purposes described in the meeting notice.

Section 3.3 Notice of Meeting.

(a) Written notice of each meeting of the Members shall be given by, or at the direction of the Secretary or person authorized to call the meeting, by hand delivery to each Parcel, or by mailing a copy of such notice, postage prepaid, addressed to the Member's address last appearing on the books of the Association for the purpose of notice, or by electronic transmission (to those Members who consent to receive notice by electronic transmission), at least fifteen (15) days but no more than ninety (90) days before such meeting, to each Member entitled to vote thereat. Said notice shall specify the place, day and hour of the meeting and, in the case of a special meeting, the purpose of the meeting. If mailed or electronically transmitted, the notice shall be addressed to the Member's address last appearing in the books of the Association for the purpose of notice, or to the last address supplied by the Member to the Association.

(b) Any Member may waive such notice by a writing signed by such Member,

and such waiver, when filed in the records of the Association before, at or after the holding of the meeting, shall constitute notice to such Member. Attendance of a Member at a meeting, either in person or by proxy, constitutes waiver of notice and waiver of any and all objection to the place of meeting, the time of meeting, or the manner in which it has been called or convened, unless the Member attends the meeting solely for the purpose of stating, at the beginning of the meeting, any such objection or objections to the transaction of affairs.

Section 3.4 Voting. Members shall be entitled to vote on such matters as more fully set forth in the Articles. Matters shall be deemed approved if approved by at least seventy five percent (75%) of the votes in the Association voting in person or by proxy, except for the election of Directors or the determination of the qualifications, powers, and duties or terms of officer or Directors, which shall be deemed approved if approved by a majority of the votes present in person or by proxy at a duly noticed meeting at which a quorum is present.

Section 3.5 Quorum. The presence at the meeting of Members or proxies entitled to vote thirty percent (30%) of the votes of Membership shall constitute a quorum for the election of Directors and the determination of the qualification powers and duties or terms of officers or Directors, and for all other purposes, except as otherwise provided in the Articles of Incorporation, the Declaration, or these Bylaws.

Section 3.6 Proxies. At all meetings of Members, each Member may vote in person or by proxy. All proxies shall be in writing and filed with the Secretary. Proxies shall be dated, state the date, time, and place of the meeting for which it was given and be signed by the person authorized to give the proxy. A proxy may permit the holder to appoint in writing a substitute holder. Any proxy shall be effective only for the specific meeting for which originally given and any lawfully adjourned meetings thereof. A proxy is not valid for a period longer than ninety (90) days after the date of the first meeting for which it was given. A proxy is revocable at any time at the pleasure of the Member who executes it. Proxies need not be notarized.

Section 3.7 Waiver and Consent. Whenever the vote of Members at a meeting is required or permitted, the meeting and vote may be dispensed with if the applicable percentage of the Members who would have been required to vote upon the action if such meeting were held, shall consent in writing to such action being taken. Any such consent shall be distributed in accordance with the rules and regulations adopted by the Board of Directors and an executed copy shall be placed in the minute book.

Section 3.8 Order of Business. The order of business at the annual meeting of Members shall be as follows:

(a) Call to order
(b) Calling of the roll and certifying proxies
(c) Proof of notice of meeting or waiver of notice
(d) Reading and disposal of unapproved minutes
(e) Election or appointment of inspectors of election
(f) Nomination and election of Board of Directors
(g) Reports

(h) Unfinished business
(i) Adjournment.

Section 3.9 Adjournment. The adjournment of an annual or special meeting to a different date, time or place must be announced at that meeting before adjournment is taken or notice must be given of the new time, date or place in the same manner as notice is given for such meeting. Any business that might have been transacted on the original date of the meeting may be transacted at the adjourned meeting. If a new record date for the adjourned meeting is or must be fixed, notice of the adjourned meeting must be given to persons who are entitled to vote and are Members as of the new record date but were not Members as of the previous record date.

ARTICLE IV - BOARD OF DIRECTORS

Section 4.1 Number of Directors. The affairs of the Association shall be managed by a Board of Directors of not less than three (3) but not more than nine (9) Directors, who shall be Members of the Association; provided, however, that until the Class B Membership has terminated the Directors need not be Members of the Association.

Section 4.2 Method of Nomination. Until Turnover (as more fully defined in the Declaration), the Board shall consist of Directors appointed by the Class B Member. After Turnover, the persons to be elected by the Class A Members may be made by a nominating committee or from the floor by Members at the annual meeting.

Section 4.3 Election. After Turnover, the Members may cast one (1) vote for each Parcel owned for a Director and for each at-large vacancy. An election shall be by secret written ballot. Cumulative voting is not permitted. The election of Directors shall take place at the annual meeting and Members may vote in person at a meeting or by ballot that the Member personally casts prior to such meeting. Those persons receiving the largest number of votes shall be elected. The terms of the Directors shall be staggered, with there being three classes of directors.

Section 4.4 Resignation and Removal. A Director may resign at any time by delivery of a written notice to the Board of Directors, its chairman or secretary. The unexcused absence of a Director from three consecutive regular meetings of the Board shall be deemed a resignation. Any Director elected by the Class A Members may be removed from the Board, with or without cause, by a majority vote of the Members of the Association voting at a duly noticed meeting at which a quorum is present, in person or by proxy. No Director appointed by the Class B Member shall be removed except by the Class B Member. A resignation is effective when notice is delivered, unless the notice specifies a later effective date. If a resignation is made effective at a later date, the Board of Directors may fill the pending vacancy before the effective date if the Board of Directors provides that the successor does not take office until the effective date.

Section 4.7 Failure to Fill Vacancies. If there is a failure to fill vacancies on the Board of Directors sufficient to constitute a quorum of Directors in accordance with these Bylaws, any Member may apply to the Circuit Court of Walton County, Florida, for the appointment of a receiver to manage the affairs of the Association by certified or registered mail. At least thirty (30) days before applying to the circuit court, the Member shall mail to the Association and post

in a conspicuous place on the Common Property a notice describing the intended action, giving the Association thirty (30) days to fill the vacancies. If during such time the Association fails to fill a sufficient number of the vacancies so that a quorum can be assembled, the Member may proceed with the petition. If a receiver is appointed, the Association shall be responsible for the salary of the receiver, court costs, attorney's fees and all other expenses of the receivership. The receiver has all powers and duties of a duly constituted board of Directors and shall serve until the Association fills sufficient vacancies so that a quorum can be assembled.

ARTICLE V - MEETING OF DIRECTORS

Section 5.1 Organizational Meeting. The newly elected Board shall meet for the purposes of organization, the election of officers and the transaction of other business immediately after their election or within ten days of same at such place and time as shall be fixed by the Directors at the meeting at which they were elected, and no further notice of the organizational meeting shall be necessary.

Section 5.2 Regular Meetings. Regular meetings of the Board of Directors shall be held at such place and hour as may be fixed from time to time by resolution of the Board, and shall be open to all Members. However, meetings between the Board and its attorney with respect to proposed or pending litigation where the contents of the discussion would otherwise be governed by attorney client privilege may be closed to Members.

Notice of the meetings of the Directors shall be posted on the Common Property at least forty-eight (48) hours in advance, except in an emergency. In the alternative, if notice is not posted in a conspicuous place on the Common Property, the notice of Board meetings shall be mailed, delivered or electronically transmitted to each Member at least seven (7) days in advance, except in an emergency. Notice of any meeting in which Assessments against Parcels are to be established shall specifically contain a statement that Assessments shall be considered and a statement of the nature of such Assessments. Should said meeting fall upon a legal holiday, then that meeting shall be held at the same time on the next day that is not a legal holiday.

Section 5.3 Special Meetings. Special meetings of the Board of Directors shall be held when called by the President of the Association, or by any two Directors, after not less than three (3) days' notice to each Director.

Section 5.4 Quorum; A majority of the number of Directors shall constitute a quorum for the transaction of business. A meeting at which a quorum of the Directors is present shall be deemed to be a meeting. Every act or decision done or made by a majority of the Directors present at a duly held meeting at which a quorum is present shall be regarded as the act of the Board. If a quorum is present when a vote is taken, the affirmative vote of a majority of the Members is the act of the Board of Directors. A Director who is present at a meeting of the Board of Directors when corporate action is taken is deemed to have assented unless he or she objects, at the beginning of the meeting or promptly upon his arrival, to the holding of the meeting or transacting of specified affairs at the meeting, or unless he or she votes against or abstains from the action taken.

Section 5.5 Voting. Directors may not vote by proxy or by secret ballot at Board meetings, except that secret ballots may be used in the election of officers.

ARTICLE VI - POWERS AND DUTIES OF THE BOARD OF DIRECTORS

Section 6.1 Powers. The Board of Directors shall have the powers of the Association as set forth in the Articles and Declaration.

Section 6.2 Duties. It shall be the duty of the Board of Directors to perform the following:

(a) Cause to be kept a complete record of all its corporate affairs, including minutes of all meetings, make such records available for inspection by any Member or his agent, and present an annual statement thereof to the Members. Minutes of all meetings of Members and the Board must be maintained in a written form or in another form that can be converted into written form in a reasonable time. A vote or abstention from voting on each matter for each Director present at a Board meeting must be recorded in the minutes.

(b) Supervise all officers, agents and employees of the Association and see that their duties are properly performed.

(c) Issue, or authorize its agent to issue, upon demand by any Member, a certificate setting forth whether or not any Assessment has been paid and giving evidence thereof for which a reasonable charge may be made by the Association or by its authorized agent.

(d) Designate depositories for Association funds, designate those officers, agents and/or employees who shall have authority to withdraw funds from such account on behalf of the Association, and cause such persons to be bonded as the Board of Directors deems appropriate in its sole discretion.

(e) Prepare the proposed annual budget, submit the same to the Membership for comments, and the Board shall adopt the annual budget, set the date or dates Assessments will be due, and decide what, if any, interest is to be applied to Assessments which remain unpaid ten (10) days after they become due.

(f) Fix General Assessments, Special Assessments, Emergency Assessments and Parcel Assessments at an amount sufficient to meet the obligations imposed by the Declaration.

(g) Send written notice of each Assessment to every Owner subject thereto at least thirty (30) days in advance of the due date of the Assessment or of the first installment thereof.

(h) Cause the lien against any Parcel for which Assessments are not paid within thirty (30) days after the due date to be foreclosed, or cause an action at law to be brought against the Owner personally obligated to pay the same.

(i) Cause the Common Property to be maintained in accordance with the

Declaration and to assure that all permits assigned to the Association are maintained in accordance with their terms.

(j) Procure and maintain adequate liability and hazard insurance on the Common Property as required by the Declaration, and such other insurance as the Board of Directors deems necessary or as may be required or permitted by the Declaration.

(k) Retain minutes of all meetings of Members and of the Board of Directors in a businesslike manner, which shall be available for inspection by Members or their authorized representatives and Board members, at reasonable times and for a proper purpose; which records shall be retained for at least seven (7) years.

ARTICLE VII - OFFICERS AND THEIR DUTIES

Section 7.1 Enumeration of Officers. The officers of this Association shall be a President and Vice President (both of whom shall be members of the Board of Directors), a Secretary and a Treasurer, and such other officers as the Board of Directors may from time to time, by resolution create. Officers need not be Members of the Association.

Section 7.2 Election of Officers. The election of officers shall take place at the first meeting of the Board of Directors following each annual meeting of the Members. The persons elected as President and Vice-President shall have been and shall continue to be duly elected members of the current Board of Directors. Voting may be by secret ballot.

Section 7.3 Term. The officers of this Association shall be elected annually by the Board of Directors and each shall hold office for such period, have such authority, and perform such duties as the Board may determine from time to time.

Section 7.4 Special Appointments. The Board of Directors may elect such other officers as the affairs of the Association may require, each of whom shall hold office for such period, have such authority, and perform such duties as the Board may determine from time to time.

Section 7.5 Resignation and Removal. Any officer may be removed from office with or without cause by the Board of Directors. Any officer may resign at any time by giving written notice to the Board of Directors, the President, or the Secretary. Such resignation shall take effect on the date of receipt of such notice or at any later time specified therein, and unless otherwise specified therein, the acceptance of such resignation shall be necessary to make it effective.

Section 7.6 Vacancies. A vacancy in any office may be filled by appointment by the Board of Directors. The officer appointed to such vacancy shall serve for the remainder of the term of the officer he replaces.

Section 7.7 Multiple Offices. The offices of President and Secretary may not be held by the same person.

Section 7.8 Duties. The duties of the officers are as follows:

(a) President. The President shall preside at all meetings of the Board of Directors; shall see that orders and resolutions of the Board of Directors are carried out; shall sign all leases, deeds and other written instruments; and shall co-sign all promissory notes and contracts as the Board of Directors may approve from time to time.

(b) Vice President. The Vice President shall assist the President; act in the place and stead of the President in the event of his absence, inability or refusal to act; and exercise and discharge such other duties as may be required of him by the Board.

(c) Secretary. The Secretary shall record the votes and keep the minutes of all meetings and proceedings of the Board of Directors and of the Members; maintain the minute book; keep the corporate seal of the Association and affix it on all papers requiring said seal; serve notice of meetings of the Board of Directors and of the Members; keep appropriate current records showing the Members of the Association together with their addresses; and shall perform such other duties as required by the Board.

(d) Treasurer. The Treasurer shall receive and deposit in appropriate bank accounts all monies of the Association and shall disburse such funds as directed by resolution of the Board of Directors; shall co-sign any promissory notes and contracts of the Association; keep proper books of account; cause an annual review of the Association books to be made by public accountant at the completion of each fiscal year; and shall prepare an annual budget and a statement of income and expenditures to be presented to the Board of Directors and to the membership at its regular annual meetings.

ARTICLE VIII - COMMITTEES

The Association shall appoint such committees as are provided in the Declaration and may appoint such other committees as deemed appropriate in carrying out its purpose.

Meetings of committees shall be open to Members. Members of the committees may not vote by proxy or secret ballot.

ARTICLE IX - FISCAL YEAR

The Fiscal Year of the Association shall begin on the first day of January and end on the thirty-first day of December of every year, except that the first Fiscal Year shall begin on the date of incorporation.

ARTICLE X - BUDGETS AND ASSESSMENTS

Section 10.1 Budgets. The Association shall prepare an annual budget. The budget shall reflect the estimated revenues and expenses for that year and the estimated surplus or deficit as of the end of the current year. The Association shall provide each Member with a copy of the annual budget or a written notice that a copy of the budget is available to the Member upon request with no charge.

Section 10.2 Assessments. As more fully provided in the Declaration, each Member is obligated to pay to the Association certain Assessments, which are secured by a continuing lien upon the property against which the Assessment is made. Any Assessments that are not paid when due shall be deemed to be delinquent. The Assessment shall bear interest from the date of delinquency at an interest rate equal to the highest rate allowed by law, or as otherwise determined by the Board of Directors. The Association may bring an action at law against the Owner personally obligated to pay the same or foreclose the lien against the Parcel. The lien shall include interest, costs and reasonable attorney's fees in collecting the Assessment, all as more fully set forth in the Declaration. No Owner may waive or otherwise escape liability for the Assessments provided for herein for any reason, including but not limited to by claim of non-use of the Common Property or abandonment of his Parcel.

Section 10.3 Financial Reports. The Association shall prepare an annual financial report within sixty (60) days after the close of the fiscal year. The financial report shall comply with the applicable provisions of Florida Law.

ARTICLE XI - NOTICE OF TRANSFER

Prior to conveyance of any Parcel to an Owner, such Owner shall provide to the Association written notice of the party to whom the Parcel is to be conveyed together with an address for such new Owner for Association records.

ARTICLE XII - ASSOCIATION RECORDS

In accordance with the requirements of Section 720.303(4), Florida Statutes, the Official Records of the Association shall consist of:

Section 12.1 General Records.

(a) A copy of any plans, permits, warranties, and other items related to improvements constructed on the Common Property or other property that the Association is obligated to maintain, repair or replace.

(b) A copy of the Bylaws of the Association and of each amendment to the Bylaws.

(c) A certified copy of the Articles of Incorporation of the Association, or other documents creating the Association, and of each amendment thereto.

(d) A copy of the Declaration and of each amendment thereto.

(e) A copy of the current rules of the Association.

(f) A book or books that contain the minutes of all meetings of the Association, of the Board of Directors, and of Members, which minutes shall be retained for a period of not less

than seven (7) years.

(g) A current roster of all Members and their mailing addresses, Parcel identifications, and, if known, telephone numbers. The association shall also maintain the electronic mailing addresses and the numbers designated by Members for receiving notices sent by electronic transmission, of those Members consenting to receive notice by electronic transmission. The electronic mailing addresses and numbers provided by Members to receive notice by electronic transmission shall be removed from association records when consent to receive notice by electronic transmission is revoked. However, the association is not liable for an erroneous disclosure of the electronic mail address or the number for receiving electronic transmission of notices.

(h) All current insurance policies of the Association, or a copy thereof.

(i) A current copy of any management agreement, lease, or other contract to which the Association is a party or under which the Association or the Members have an obligation or responsibility.

(j) A copy of all bids received by the Association for work to be performed, which must be retained for one (1) year.

Section 12.2 Financial Records. Accounting records for the Association and separate accounting records for each Parcel, according to generally accepted accounting principles. All accounting records shall be maintained for a period of not less than seven (7) years. The financial records shall include, but are not limited to:

(a) Accurate, itemized, and detailed records of all receipts and expenditures.

(b) A current and a periodic statement of the account for each Member of the Association, designating the name and address of the Member, the due date and amount of each Assessment, the amount paid upon the account, and the balance due.

(c) All tax returns, financial statements and financial reports of the Association.

(d) Any other records that identify, measure, record or communicate financial information.

Section 12.3 Inspection and Copying of Records. The foregoing official records shall be maintained within the State and must be open to inspection and available for photocopying by Members or their authorized agents at reasonable times and places within ten (10) business days after receipt of a written request for access. The Association may adopt reasonable rules and regulations governing the frequency, time, location, notice and manner of inspections and may impose fees to cover the costs of providing copies of official records.

ARTICLE XIII - AMENDMENT

Section 13.1 Procedure. Until Turnover, these Bylaws may be amended by the Class B Member without the consent or joinder of any Class A Member. Thereafter, these Bylaws may be amended at a regular or special meeting of the Board of Directors by a two-thirds vote of the Directors. Amendments to these Bylaws need only be filed in the minute book, and need not be recorded in the public records of the County.

Section 13.2 Conflict. In the case of any conflict between the Articles of Incorporation and these Bylaws, the Articles of Incorporation shall prevail. In the case of any conflict between the Declaration and these Bylaws, the Declaration shall prevail.

ARTICLE XIV - SEAL

The Association shall have no seal.

These Bylaws have been adopted in accordance with the provisions of Chapters 617 and 720, Florida Statutes. To the extent that the provisions of Chapters 617 or 720 are amended or modified in a manner which is inconsistent herewith or which expands or clarifies any provisions hereof, the amendments or modifications of Chapters 617 and 720 shall prevail.

The foregoing Bylaws of Laird Point Phase Two Owners Association, Inc., a corporation not-for-profit under the laws of the State of Florida, were adopted at the first meeting of the Board of Directors on the 18th day of September, 2018.

Norman McLean, President

PHASE 2: BY LAWS

File # 2005014729, OR BK 2569 Page 1226, Recorded 02/25/2005 at 03:49 PM,
Harold Bazzel, Clerk Bay County, Florida Deputy Clerk DL Trans # 665239

BY-LAWS

OF

LAIRD POINT PROPERTY OWNERS ASSOCIATION, INC.

Article 1
Name, Principal Office, and Definitions

1.1 Name.

The name of the corporation is Laird Point Property Owners Association, Inc. (the "Association"), a Florida nonprofit corporation.

1.2. Principal Office.

The initial principal office of the Association shall be located in Bay County, Florida. The Association may have such other offices, either within or outside the State of Florida, as the Board of Directors may determine or as the affairs of the Association may require.

1.3. Definitions.

The words used in these By-Laws shall be given their normal, commonly understood definitions. Capitalized terms shall have the same meaning as set forth in that Declaration of Covenants, Conditions, and Restrictions for Laird Point filed in the Public Records, as it may be amended (the "Declaration"), unless the context indicates otherwise.

Article 2
Association: Membership, Meetings, Quorum, Voting, Proxies

2.1. Membership.

The Association shall have two (2) classes of membership, Class "A" and Class "B," as more fully set forth in the Declaration, the terms of which pertaining to membership are incorporated by this reference.

2.2. Place of Meetings.

Meetings of the Association shall be held at the principal office of the Association or at such other suitable place convenient to the Members as the Board may designate, either within the Properties or as convenient as is possible and practical. Meetings may be held by means of telephone conference, video conference or similar communications equipment, by means of

which all persons participating in the meeting can converse with each other. Participation by one of these methods shall constitute presence in person at such meeting.

2.3. Annual Meetings.

The first meeting of the Association, whether a regular of special meeting, shall be held within one (1) year from the date of incorporation of the Association. Subsequent regular meetings shall be held annually on a date and at a time set by the Board.

2.4. Special Meetings.

The president may call special meetings. In addition, it shall be the duty of the president to call a special meeting within thirty (30) Days if so directed by resolution of the Board or upon a petition signed by Members representing at least twenty percent (20%) of the total Class "A" votes in the Association or upon written request of the Declarant.

2.5. Notice of Meetings.

Written notice stating the place, day, purpose and time of any meeting of the Members shall be delivered to each Member entitled to vote at such meeting, not less than ten (10) nor more than fifty (50) Days before the date of such meeting, by or at the direction of the president or the secretary or the officers or persons calling the meeting.

No business shall be transacted at a meeting except as stated in the notice; provided, however, if Members holding at least twenty percent (20%) of the Class "A" votes are present at an annual meeting, in person or by proxy, matters in addition to those set forth in the notice of the meeting may be voted upon without further notice to the Members.

2.6. Waiver of Notice.

Waiver of notice of a meeting of the Association shall be deemed the equivalent of proper notice. Any Member may, in writing, waive notice of any meeting of the Association, either before or after such meeting. Attendance at a meeting shall be deemed a waiver of any objection as to notice of the time, date, and place thereof, unless specific objection as to the lack of proper notice is given at the time the meeting is called to order. Attendance at a meeting also shall be deemed a waiver of notice of all business transacted at such meeting unless an objection on the basis of lack of proper notice is raised before the business is put to a vote.

2.7. Adjournment of Meetings.

If any meeting of the Association cannot be held because a quorum is not present, Members or their proxies holding a Majority of the votes represented at such meeting may adjourn the meeting to a time not less than five (5) nor more than twenty (20) Days from the time the original meeting was called. At the reconvened meeting, if a quorum is present, any business may be transacted which might have been transacted at the meeting originally called. If a time and place for reconvening the meeting is not set by those in attendance at the original meeting or

if for any reason a new date is set for reconvening the meeting after adjournment, notice for reconvening the meeting shall be given to Members in the manner provided in Section 2.5.

2.8. Voting.

The voting rights of the Members shall be as set forth in the Declaration and in these By-Laws, and such voting rights provisions are specifically incorporated by this reference. The Board may adopt policies and procedures regarding the methods of casting votes.

2.9. List for Voting.

After setting a record date for notice of a meeting, the Board shall prepare an alphabetical list of the names of the Members entitled to notice of such meeting. The list shall show the address of the Member and the number of votes each is entitled to vote at the meeting. The list for voting shall be made available for inspection in accordance with Florida law.

2.10. Proxies.

At all meetings of Members, each Member may vote in person (if a corporation, partnership, or limited liability company, or trust, through any officer, director, partner, member, manager or fiduciary duly authorized to act on behalf of the Member) or by proxy, subject to the limitations of Florida law. Every proxy must be dated, must state the date, time and place of meeting for which it was given, and must be signed by the authorized person who executed the proxy. The proxy shall be in writing specifying the Unit(s) for which it is given, signed by the Member or such Member's duly authorized attorney-in-fact, dated, and filed with the secretary of the Association prior to the meeting for which it is to be effective. Unless otherwise specifically provided in the proxy, a proxy shall be presumed to cover all votes which the Member giving such proxy is entitled to cast, and in the event of any conflict between two (2) or more proxies purporting to cover the same voting rights, the later dated proxy shall prevail, or if dated as of the same date, both shall be deemed invalid. Every proxy shall be revocable and shall automatically cease upon conveyance of any Unit for which it was given, or upon receipt of notice by the secretary of the date or judicially declared incompetence of a Member who is a natural person, or of written revocation, or ninety (90) days after the date of the meeting for which it was originally given, unless a shorter period is specified in the proxy.

2.11. Quorum.

The presence, in person or by proxy, of Members representing ten percent (10%) of the total Class "A" votes in the Association shall constitute a quorum at all meetings of the Association. If a quorum is present, business may be continued until adjournment, notwithstanding the withdrawal of Members leaving less than a quorum, provided that any action taken is approved by at least a Majority of the votes required to constitute a quorum.

2.12. Conduct of Meetings.

The president shall preside over all meetings of the Association, and the secretary shall keep the minutes of the meetings and record in a minute book all resolutions adopted and all other transactions occurring at such meetings.

2.13. Action Without a Meeting.

Any action required or permitted by law to be taken at a meeting of the Association may be taken without a meeting, without prior notice and without a vote, if written consent specifically authorizing the proposed action is signed by all Members entitled to vote on such matter. Such consents shall be filed with the minutes of the Association and shall have the same force and effect as a vote of the Members at a meeting. Within ten (10) Days after receiving authorization for any action by written consent, the secretary shall give written notice to all Members summarizing the material features of the authorized action.

Article 3
Board of Directors: Number, Powers, Meetings

A. Composition and Selection.

3.1. Governing Body; Composition.

The affairs of the Association shall be governed by a Board of Directors, each of whom shall have one (1) equal vote. Except with respect to directors appointed by the Class "B" Member or serving as a representative of the Declarant, the directors shall be eligible Members or Resident (as hereinafter defined); provided however, no Owner and Resident representing the same Unit may serve on the Board at the same time. No Owner or Resident shall be eligible to serve as a director if any assessment for such Owner's or Resident's Unit is delinquent. A "Resident" for purposes of these By-Laws shall mean any natural person eighteen (18) years of age or older whose principal place of residence is a Unit within the Properties. In the case of a Member which is not a natural person, any officer, director, partner, member, manager, employee, or fiduciary of such Member shall be eligible to serve as a director unless otherwise specified by written notice to the Association signed by such Member, provided no Member may have more than one (1) such representative on the Board at a time, except in the case of directors apPointd by or serving as representatives of the Class "B" Member or the Declarant.

3.2. Directors During Class "B" Membership.

The Initial Board shall be comprised of the three (3) persons appointd by the Class "B" Member. Subsequent directors may be appointd and removed by the Class "B" Member acting in its sole discretion for so long as the Class "B" membership exists.

3.3. Number, Nominations and Election of Directors.

Except as provided in Section 3.2, the Board shall consist of three (3) directors elected by the Class "A" Members of the Association. The number of directors may be increased or decreased by Board resolution. Elected directors shall be nominated from the floor at a meeting of the Members and may also be nominated by a nominating committee, if such committee is established by the Board. All candidates shall have a reasonable opportunity to communicate their qualifications to the Members and to solicit votes. Each Owner may cast all votes assigned to such Owner's Units for each position to be filed. There shall be no cumulative voting. That number of candidates equal to the number of positions to be filled receiving the greatest number of votes shall be elected. Directors shall be elected for a term of one (1) year and may be elected to serve any number of consecutive terms.

3.4. Removal of Directors and Vacancies.

(a) Any director elected by the Class "A" Members may be removed, with or without cause, by Members holding two-thirds (2/3) of the votes entitled to be cast for the election of such director. Any director whose removal is sought shall be given notice prior to any meeting called for that purpose. Upon removal of a director, a successor shall be elected by the Class "A" Members to fill the vacancy for the remainder of the term of such director.

(b) Any director elected by the Class "A" Members who has three (3) or more consecutive unexcused absences from Board meetings, or who is more than thirty (30) Days delinquent (or is the Resident of a Unit that is delinquent or is the representative of a Member who is delinquent) in the payment of any assessment or other charge due the Association, may be removed by a Majority of the directors, and the Board may appoint a successor to fill the vacancy until the next annual meeting, at which time the Class "A" Members may elect a successor for the remainder of the term.

(c) In the event of the death, disability, or resignation of an elected director or the adoption of a Board resolution increasing the number of directors, the Board may declare a vacancy and appoint a successor to fill the vacancy until the next annual meeting, at which time the Class "A" Members shall elect a successor for the remainder of the term.

(d) This Section shall not apply to directors apPointd by the Class "B" Member nor to any director serving as a representative of the Declarant. The Class "B" Member or the Declarant shall be entitled to appoint a successor to fill any vacancy on the Board resulting from the death, disability or resignation of a director apPointd by or elected as a representative of the Class "B" Member or the Declarant.

B. Meetings.

3.5. Organizational Meetings.

Within thirty (30) Days after the election or appointment of new directors, the Board shall hold an organizational meeting at such time and place as the Board shall set.

3.6. Regular Meetings.

Regular meetings of the Board may be held at such time and place as a Majority of the directors shall determine, but at least one (1) such meeting shall be held during each quarter.

3.7. Special Meetings.

Special meetings of the Board shall be held when called by written notice signed by the president or by any two (2) directors.

3.8. Notice.

Notice of the time and place of all Board meetings must be posted in a conspicuous place in the community at least forty-eight (48) hours in advance of a meeting, except in an emergency. In the alternative, if notice is not posted in a conspicuous place in the community, notice of each Board meeting must be mailed or delivered to each Members at least seven (7) days before the meeting, except in an emergency. Notice of the time and place of a special meeting shall be communicated to directors not less than seventy-two (72) hours prior to the meeting. The notice shall specify the time and place of the meeting and, in the case of a special meeting, the nature of any special business to be considered. An assessment may not be levied at a Board meeting unless the notice of the meeting includes a statement that assessments will be considered and the nature of the assessments. Additionally, notices shall be given to each director by: (a) personal delivery; (b) first class mail, postage prepaid; (c) telephone communication, either directly to the director or to a person at the director's office or home who would reasonably be expected to communicate such notice promptly to the director; (d) telecopier transmission to the director's home or office, with confirmation of receipt by the receiving telecopier; (e) telegram, charges prepaid; (f) overnight or same day delivery, charges prepaid; or (g) e-mail using Internet accessible equipment and services if the director has consented in writing to such method of delivery and has provided the Board with an e-mail address. All such notices shall be given at the director's telephone or telecopier number or sent to the director's address as shown on the records of the Association. Notices sent by first class mail shall be deemed communicated when deposited into a United States mailbox. Notices given by personal, overnight or courier delivery, telephone, telecopier, telegraph, or e-mail shall be deemed communicated when delivered, telephoned, telecopied, e-mailed or given to the telegraph company. No notice need be given to any director who has signed a waiver of notice or a written consent to holding the meeting.

3.9. Waiver of Notice.

The transactions of any meeting of the Board, however called and noticed or wherever held, shall be as valid as though taken at a meeting duly held after regular call and notice if (a) a quorum is present, and (b) either before or after the meeting each of the directors not present signs a written waiver of notice, a consent to holding the meeting, or an approval of the minutes. The waiver of notice or consent need not specify the purpose of the meeting. Notice of a

meeting also shall be deemed given to any director who attends the meeting without protesting before or at its commencement about the lack of adequate notice.

3.10. Participation in Meetings.

Members of the Board or any committee designated by the Board may participate in a meeting of the Board or committee by means of telephone conference, video conference, or similar communications equipment, by means of which all persons participating in the meeting can converse with each other. Participation in a meeting pursuant to this Section shall constitute presence in person at such meeting.

3.11. Quorum of Board of Directors.

At all meetings of the Board, a Majority of the directors shall constitute a quorum for the transaction of business, and the votes of a Majority of the directors present at a meeting at which a quorum is present shall constitute the decision of the Board, unless otherwise specifically provided in these By-Laws or the Declaration. A meeting at which a quorum is initially present may continue to transact business, notwithstanding the withdrawal of directors, if any action taken is approved by at least a Majority of the required quorum for that meeting. If any meeting of the Board cannot be held because a quorum is not present, a Majority of the directors present at such meeting any adjourn the meeting to a time not less than four (4) nor more than twenty (20) Days from the date of the original meeting. At the reconvened meeting, if a quorum is present, any business which might have been transacted at the meeting originally called may be transacted without further notice.

3.12. Compensation.

Directors shall not receive any compensation from the Association for acting as such unless approved by Members representing a Majority of the total Class "A" votes in the Association at a regular or special meeting of the Association. Any director may be reimbursed for expenses incurred on behalf of the Association upon approval of a Majority of the other directors. Nothing herein shall prohibit the Association from compensating a director, or any entity with which a director is affiliated, for services or supplies furnished to the Association in a capacity other than as a director pursuant to a contract or agreement with the Association, provided that such director's interest was made known to the Board prior to entering into such contract and such contract was approved by a Majority of the Board, excluding the interested director.

3.13. Conduct of Meetings.

The president shall preside over all meetings of the Board, and the secretary shall keep a minute book of Board meetings, recording all Board resolutions and all transactions and proceedings occurring at such meetings. In the case of a tie vote on a motion or resolution before the Board, the motion or resolution is considered lost.

3.14. Open Meetings.

Subject to the provisions of Section 3.10 and 3.15, all meetings of the Board shall be open to all Members, but Members other than directors may not participate in any discussion or deliberation unless permission to speak is requested on a Member's behalf by a director. In such case, the president may limit the time any Member may speak. Notwithstanding the above, the president may adjourn any meeting of the Board, reconvene in executive session, and exclude Members to discuss matters of a sensitive nature. Notwithstanding the foregoing, all meetings of the Board must be open to the Members except for meetings between the Board and its attorney with respect to proposed or pending litigation where the contents of the discussion would otherwise be governed by the attorney-client privilege.

3.15. Action Without a Formal Meeting.

Any action to be taken at a meeting of the directors or any action that may be taken at a regular meeting of the directors may be taken without a meeting if a consent in writing, setting forth the action so taken, is signed by all of the directors, and such consent shall have the same force and effect as a unanimous vote.

C. Powers and Duties.

3.16. Powers.

The Board shall have all of the powers and duties necessary for the administration of the Association's affairs and for performing all responsibilities and exercising all rights of the Association as set forth in the Governing Documents and as provided by law. The Board may do or cause to be done al acts and things unless the Governing Documents or Florida law direct certain acts or things to be done and exercised exclusively by the membership generally.

3.17. Duties.

The duties of the Board shall include, without limitation:

(a) preparing and adopting, in accordance with the Declaration, an annual budget establishing each Owner's share of the Common Expenses;

(b) levying and collecting such assessments from the Owners;

(c) providing for the operation, care, upkeep, and maintenance of the Area of Common Responsibility;

(d) designated, hiring, and dismissing the personnel necessary to carry out the rights and responsibilities of the Association and where appropriate, providing for the compensation of such personnel and for the purchase of equipment, supplies, and materials to be used by such personnel in the performance of their duties;

(e) depositing all funds received on behalf of the Association in a bank depository which it shall approve and using such funds to operate the Association, provided any reserve funds may be deposited, in the directors' best business judgment, in depositories other than banks;

(f) making and amending use restrictions, rules and regulations in accordance with the Declaration;

(g) opening of bank accounts on behalf of the Association and designated the signatories required;

(h) contracting for repairs, additions, and improvements to or alterations of the Common Area in accordance with the Governing Documents;

(i) enforcing by legal means the provisions of the Governing Documents and bringing any proceedings which may be instituted on behalf of or against the Owners concerning the Association;

(j) obtaining and carrying property and liability insurance and fidelity bonds, as provided in the Declaration, paying the cost thereof, and filing and adjusting claims, as appropriate;

(k) paying the costs of all services rendered to the Association;

(l) keeping books with detailed accounts for the receipts and expenditures of the Association;

(m) making available to any Owner, and the holders, insurers, and guarantors of any Mortgage on any Unit, current copies of the Governing Documents and all other books, records, and financial statements of the Association as provided in Section 6.4;

(n) permitting utility suppliers to use portions of the Common Area reasonably necessary to the ongoing development or operation of the Properties; and

(o) indemnifying a director, officer or ARB or committee member, or former director, officer or ARB or committee member of the Association to the extent such indemnity is required or permitted under Florida law, the Articles of Incorporation or the Declaration.

3.18. Right of Class "B" Member to Disapprove Actions.

So long as the Class "B" membership exists, the Class "B" Member shall have the right to disapprove any action, policy or program of the Association, the Board and any committee which, in the sole judgment of the Class "B" Member, would tend to impair rights of the Declarant under the Governing Documents, or interfere with development of or construction on any portion of the Properties, or diminish the level of services being provided by the Association.

(a) The Class "B" Member shall be given written notice of all meetings and proposed actions approved at meetings (or by written consent in lieu of a meeting) of the Association, the Board or any committee. Such notice shall be given by certified mail, return receipt requested, or by personal delivery at the address the Class "B" Member has registered with the secretary of the Association, which notice complies with Section 3.6 and which notice shall, except in the case of the regular meetings held pursuant to the By-Laws, set forth in reasonable particularity the agenda to be followed at such meeting; and

(b) The Class "B" Member shall be given the opportunity at any such meeting to join in or to have its representatives or agents join in discussion from the floor of any prospective action, policy, or program which would be subject to the right of disapproval set forth herein.

No action, policy or program subject to the right of disapproval set forth herein shall become effective or be implemented until and unless the requirements of subsections (a) and (b) above have been met.

The Class "B" Member, its representatives or agents may make its concerns, thoughts, and suggestions known to the Board and/or the members of the subject committee. The Class "B" Member, acting through any officer or director, agent or authorized representative, may exercise its right to disapprove at any time within ten (10) Days following the meeting at which such action was proposed or, in the case of any action taken by written consent in lieu of a meeting, at any time within ten (10) Days following receipt of written notice of the proposed action. No action, policy or program shall be effective or implemented if the Class "B" Member exercises its right to disapprove. This right to disapprove may be used to block proposed actions but shall not include a right to require any action or counteraction on behalf of any committee, or the Board or the Association. The Class "B" Member shall not use its right to disapprove to reduce the level of services which the Association is obligated to provide or to prevent capital repairs or any expenditure required to comply with applicable laws and regulations.

3.19. Management.

The Board may employ for the Association a professional management agent or agents at such compensation as the Board may establish, to perform such duties and services as the Board shall authorize. The Board may delegate such powers as are necessary to perform the manager's assigned duties, but shall not delegate policy-making authority. The Declarant or an affiliate of the Declarant may be employed as managing agent or manager. The Board may delegate to one (1) of its members the authority to act on behalf of the Board on all matters relating to the duties of the managing agent or manager, if any, which might arise between meetings of the Board.

3.20. Accounts and Reports.

The following management standards of performance shall be followed unless the Board by resolution specifically determines otherwise:

(a) cash or accrual accounting, as defined by generally accepted accounting principles, shall be employed;

(b) accounting and controls should conform to generally accepted accounting principles;

(c) cash accounts of the Association shall not be commingled with any other accounts;

(d) no remuneration shall be accepted by the managing agent from vendors, independent contractors, or others providing goods or services to the Association, whether in the form of commissions, finder's fees, service fees, prizes, gifts, or otherwise; any item of value received shall benefit the Association;

(e) any financial or other interest which the managing agent may have in any firm providing goods or services to the Association shall be disclosed promptly to the Board; and

(f) an annual financial report shall be made available to all Members within sixty (60) Days after the close of the fiscal year. Such annual report may be prepared on an audited, reviewed or compiled basis, as the Board determines.

3.21. Borrowing.

The Association shall have the power to borrow money for any legal purpose; provided however, if the proposed borrowing is for the purpose of making discretionary capital improvements and the total amount of such borrowing, together with all other debt incurred within the previous twelve (12) month period, exceeds or would exceed ten percent (10%) of the budgeted gross expenses of the Association for that fiscal year, the Board shall obtain the approval of the Members holding at least sixty-seven percent (76%) of the total votes allocated to Units prior to borrowing such money.

3.22. Right to Contract.

The Association shall have the right to contract with any Person for the performance of various duties and functions. This right shall include, without limitation, the right to enter into common management, operational, or other agreements with trusts, condominiums, cooperatives, or other owners or residents associations, within and outside the Properties. Notwithstanding the foregoing, any grant or reservation made by any document, and any contract with a term in excess of ten (10) years made by Association before control of the Association is turned over to the Members other than the Developer, which provide for operation, maintenance, or management of the Associaiotn or common areas must be fair and reasonable.

3.23. Enforcement.

(a) Notice. Prior to imposition of any sanction requiring compliance with these procedures as set forth in the Declaration, the Board or its delegate shall serve the alleged violator with written notice including (i) the nature of the alleged violation, (ii) the proposed sanction to be imposed, (iii) a statement that the alleged violator may present a written request

for a hearing to the Board or the covenants committee, if one has been apPointd pursuant to Article 5, within fifteen (15) Days of the notice; and (iv) a statement that the proposed sanction shall be imposed as contained in the notice unless a request for a hearing is received within fifteen (15) Days of the notice. If a timely request is not received, the sanction stated in the notice shall be imposed; provided however, the Board or covenants committee may, but shall not be obligated to, suspend any proposed sanction if the violation is cured within the fifteen (15) Day period. Such suspension shall not constitute a waiver of the right to sanction future violations of the same or other provisions and rules by any Person. In the event of a continuing violation, each day the violation continues beyond the fifteen (15) Day period shall constitute a separate offense and fines may be imposed on a per diem basis without further notice to the violator. In the event of a violation which recurs within one (1) year from the date of any notice hereunder, the Board or covenants committee may impose a sanction without further notice to the violator.

(b) Hearing. If a hearing is requested within the allotted fifteen (15) Day period, the hearing shall be held before the covenants committee, or if none has been apPointd, then before the Board in executive session. The alleged violator shall be afforded a reasonable opportunity to be heard. Prior to the effectiveness of any sanction hereunder, proof of proper notice shall be placed in the minutes of the meeting. Such proof shall be deemed adequate if a copy of the notice, together with a statement of the date and manner of delivery, is entered by the officer, director, or delegate who delivered such notice. The notice requirement shall be deemed satisfied if the alleged violator or its representative appears at the meeting. The minutes of the meeting shall contain a written statement of the results of the hearing and the sanction, if any, imposed.

(c) Appeal. If a hearing is held before a covenants committee, the violator shall have the right to appeal the committee's decision to the Board. To exercise this right, a written notice of appeal must be received by the manager, president, or secretary of the Association within fifteen (15) Days after the hearing date.

Article 4
Officers

4.1. Officers.

The officers of the Association shall be a president, secretary and treasurer. The president and secretary shall be elected from among the members of the Board; other officers may, but need not be members of the Board. The Board may appoint such other officers, including a vice president, one (1) or more assistant secretaries and one (1) or more assistant treasurers, as it shall deem desirable, such officers to have such authority and perform such duties as the Board prescribes. Any two (2) or more offices may be held by the same person, except the offices or president and secretary.

4.2. Election and Term of Office.

The Board shall elect the officers of the Association at the first meeting of the Board following each election of new directors. Such officers shall serve until their successors are elected.

4.3. Removal and Vacancies.

The Board may remove any officer whenever in its judgment the best interests of the Association will be served and may fill any vacancy in any office arising because of death, resignation, removal, or otherwise for the unexpired portion of the term.

4.4. Powers and Duties.

The officers of the Association shall each have such powers and duties as generally pertain to their respective offices, as well as such powers and duties as may specifically be conferred or imposed by the Board of Directors. The president shall be the chief executive officer of the Association. The treasurer shall have primary responsibility for the preparation of the budget as provided for in the Declaration and may delegate all or part of the preparation and notification duties to a finance committee, management agent, or both. The secretary shall be responsible for preparing minutes of meetings of the Association and the Board and for authenticating records of the Association.

4.5. Resignation.

Any officer may resign at any time by giving written notice to the Board of Directors, the president, or the secretary. Such resignation shall take effect on the date of the receipt of such notice or at any later time specified therein, and unless otherwise specified therein, the acceptance of such resignation shall not be necessary to make it effective.

4.6. Agreements, Contracts, Deeds, Leases, Checks, Etc.

All agreements, contracts, deeds, leases, checks, and other instruments of the Association shall be executed by at least two (2) officers or by such other person or persons as may be designated by Board resolution.

4.7. Compensation.

Compensation of officers shall be subject to the same limitations as compensation of directors under Section 3.12.

Article 5
Committees

5.1. General.

The Board may appoint such committees as it deems appropriate to perform such tasks and to serve for such periods as the Board may designate by resolution. Each committee shall operate in accordance with the terms of such resolution. No committee apPointd by the Board shall be empowered to take any affirmative action or to bind the Board or the Association without the consent of the Board. The committee members shall be eligible Members or Residents provided no Owner and Resident representing the same Unit may serve on the same committee at the same time.

5.2. Covenants Committee.

In addition to any other committees which the Board may establish pursuant to the Declaration and these By-Laws, the Board may appoint a covenants committee consisting of at least three (3) and no more than five (5) Members. Acting in accordance with the provisions of the Declaration, these By-Laws, and resolutions the Board may adopt, the covenants committee, if established, shall be the hearing tribunal of the Association and shall conduct all hearings held pursuant to Section 3.23 of these By-Laws.

Article 6
Miscellaneous

6.1. Fiscal Year.

The fiscal year of the Association shall be the calendar year unless the Board establishes a different fiscal year by resolution.

6.2. Parliamentary Rules.

Except as may be modified by Board resolution, Robert's Rules of Order Newly Revised (current edition) shall govern the conduct of Association proceedings when not in conflict with Florida law, the Articles of Incorporation, the Declaration, or these By-Laws.

6.3. Conflicts.

If there are conflicts between the provisions of Florida law, the Articles of Incorporation, the Declaration, and these By-Laws, the provisions of Florida law, the Declaration, the Articles of Incorporation, and the By-Laws (in that order) shall prevail.

6.4. Books and Records.

(a) Inspection by Members and Mortgagees. The Board shall within ten (10) business days after receipt of a written request for access, make available for inspection and

copying by any holder, insurer or guarantor of a first Mortgage on a Unit, any Member, or the duly apPointd representative of any of the foregoing at any reasonable time and for a purpose reasonably related to his or her interest in a Unit: the Declaration, By-Laws, and Articles of Incorporation, any amendments and supplements to the foregoing, the rules of the Association, and the minutes of meetings of the Members, the Board, and committees. The Board shall provide for such inspection to take place at the office of the Association or at such other place within the Properties as the Board shall designate during normal business hours.

(b) Rules for Inspection. The Board may establish rules with respect to:

(i) notice to be given to the custodian of the records;

(ii) hours and days of the week when such an inspection may be made; and

(iii) payment of the cost of reproducing copies of documents requested.

(c) Inspection by Directors. Every director shall have the absolute right at any reasonable time to inspect all books, records, and documents of the Association and the physical properties owned or controlled by the Association. The right of inspection by a director includes the right to make a copy of relevant documents at the expense of the Association.

6.5. Notices.

Except as otherwise provided in the Declaration or these By-Laws, al notices, demands, bills, statements, and other communications under the Declaration or these By-Laws shall be in writing and shall be deemed to have been duly given if delivered personally or if sent by United States mail, first class postage prepaid:

(a) If a Member, at the address which the Member has designated in writing and filed with the secretary or, if no such address has been designated, at the address of the Unit of such Member; or

(b) If to the Association, the Board, or the managing agent, at the principal office of the Association or the managing agent or at such other address as shall be designated by notice in writing to the Members pursuant to this Section.

If mailed, any notice shall be deemed to be delivered when deposited in the United States mail addressed with postage prepaid. To increase flexibility, any Person, including the Association, may consent to or request in writing additional methods of receiving notice, including but not limited to, facsimile or Internet e-mail.

6.6. Amendment.

(a) By Declarant. Until termination of the Class "B" membership, the Declarant may unilaterally amend these By-Laws for any purpose. During the Development Period, the Declarant may unilaterally amend these By-Laws if such amendment is necessary to (i) bring any

provision into compliance with any applicable governmental statute, rule, regulation or judicial determination; or (ii) enable the U. S. Department of Veterans Affairs, the U. S. Department of Housing and Urban Development ("HUD"), the Federal Housing Administration, the Federal National Mortgage Association, or the Federal Home Loan Mortgage Corporation to make, purchase, insure or guarantee Mortgage loans on the Units; provided however, any such amendment shall not adversely affect the title to any Unit unless the Owner shall consent thereto in writing. In addition, during the Development Period, the Declarant may unilaterally amend these By-Laws for any other purpose, provided the amendment has no material adverse effect upon any right of any Member.

(b) By the Board. The Board shall be authorized to amend these By-Laws without the consent of the Members (i) for the purpose of submitting the Properties to the Florida Property Owners' Association Act, O.C.G.A. §44-3-220, et seq. (1994) and conforming these By-Laws to any mandatory provisions thereof, and (ii) to correct scriveners' errors and other mistakes of fact, provided that any amendments under this provision have no material adverse effect on the rights of the Members. During the Development Period, any such amendments shall require the written consent of the Declarant.

(c) By Members. Except as provided above, these By-Laws may be amended only by the affirmative vote or written consent, or any combination thereof, of Members holding at least sixty-seven percent (67%) of the total Class "A" votes in the Association, and, during the Development Period, the written consent of the Declarant. Notwithstanding the above, the percentage of votes necessary to amend a specific clause shall not be less than the prescribed percentage of affirmative votes required for action to be taken under that clause.

(d) Validity and Effective Date. Any amendment to these By-Laws shall become effective on the date of its adoption, unless a later effective date is specified in the amendment. Any procedural challenge to an amendment must be made within six (6) months of its recordation or such amendment shall be presumed to have been validly adopted. In no event shall a change of conditions or circumstances operate to amend any provisions of these By-Laws. No amendment may remove, revoke, or modify any right or privilege of the Declarant or the Class "B" Member without the written consent of the Declarant, the Class "B" Member, or the assignee of such right or privilege. If a Member consents to any amendment to the Declaration or these By-Laws, it will be conclusively presumed that such Member has the authority to consent and no contrary provision in any Mortgage or contract between the Member and a third party will affect the validity of such amendment.

President

Print Name: Paul A. Beidel

Secretary

Print Name: Andrew Devin

PHASE 2:
STORMWATER MANAGEMENT

RECIEVED
JUN 10 2013
Panama City Branch Office
FDEP

2013

STORMWATER MANAGEMENT REPORT

LAIRD POINT SUBDIVISION

PHASE 2

245341-005-SA

Project Number: 9682
Revised - June 6, 2013

OWNER:
LAIRD POINT INVESTORS, LLC
P.O. Box 1551
Santa Rosa Beach, Florida 32459

J. MORGAN HURST
LICENSE
6-7-13
No. 60813
STATE OF FLORIDA
PROFESSIONAL ENGINEER

J. MORGAN HURST, PE #60813

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- Parcel Map ..... Exhibit 2
- 2010 Aerial Photograph ..... Exhibit 3
- FLUCCS ..... Exhibit 4
- NRCS Soils Data ..... Exhibit 5
- Topography ..... Exhibit 6
- FEMA Flood Zones ..... Exhibit 7
- NWI Wetlands ..... Exhibit 8
- Phase 2A Predevelopment ..... Exhibit 9

- Phase 2B Predevelopment ..... Exhibit 10
- Post Development Major Basins ..... Exhibit 11
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- Basin 2A Post Development Sub-Basins ..... Exhibit 13
- Basin 2B Post Development Sub-Basins ..... Exhibit 14
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APPENDIX B – GEOTECHNICAL REPORTS

- Geotechnical Pavement Report, Southern Earth Sciences, 06/08/2007.
- Supplemental Geotechnical Report, Southern Earth Sciences, 08/02/2007.
- Supplemental Geotechnical Report, Southern Earth Sciences, 09/24/2007.

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APPENDIX D – POSTDEVELOPMENT PROJECT DATA SHEETS

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- Node Data
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BASIN 2C

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APPENDIX E – POSTDEVELOPMENT FLOOD ROUTING ANALYSIS

BASIN 2A

ICPR Flood Routing Analysis Results:

- Node Maximum Comparison Report
- Node Maximum Conditions Report
- Link Maximum Comparison Report
- Hydrology Summary Report

ICPR Flood Analysis Input Data:

- Model Diagram
- Input Report

BASIN 2B

ICPR Flood Routing Analysis Results:

- Node Maximum Conditions Report
- Link Maximum Conditions Report
- Hydrology Summary Report

ICPR Flood Analysis Input Data:

- Model Diagram
- Input Report

BASIN 2C

ICPR Flood Routing Analysis Results:

- Node Maximum Conditions Report
- Link Maximum Conditions Report
- Hydrology Summary Report

ICPR Flood Analysis Input Data:

- Model Diagram
- Input Report

APPENDIX F – POSTDEVELOPMENT WATER QUALITY ANALYSIS

BASIN 2A

ICPR Water Quality Analysis Results:

- Node Stage-Time Report

ICPR Water Quality Analysis Input Data:

- Input Report

BASIN 2B

ICPR Water Quality Analysis Results:

- Node Stage-Time Report

ICPR Water Quality Analysis Input Data:

- Input Report

BASIN 2C

ICPR Water Quality Analysis Results:

- Node Stage-Time Report

ICPR Water Quality Analysis Input Data:

- Input Report

APPENDIX G – OPERATION & MAINTENANCE

- Operation & Maintenance Plan
- Sample Inspection Log Form

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SECTION 1 - EXECUTIVE SUMMARY

A. OVERVIEW

This report documents the analysis and design of the Laird Point Subdivision – Phase 2 stormwater management system (SWM), designed to provide water quality treatment in accordance with the governing regulatory requirements. As part of the design, a Water Management Area (WMA) has been designed to treat runoff to the regulatory performance standards.

B. ANALYSIS FINDINGS

Analysis findings were that no unusual conditions are applicable to the site or SWM other than no peak discharge limitation to a tidal water system and the treatment system. No off-site areas are tributary to the site. Areas generally flow away from the property towards adjacent wetlands.

Discharge from the site is not limited to the predevelopment runoff from the site area. Discharge is ultimately to tidal water bodies

Water quality treatment should be provided based on the performance standards for ordinary treatment using the selected treatment method of sand filter system.

Using the aforementioned requirements, a dry retention pond with a sand filter system is capable of meeting the flood attenuation and water quality treatment requirements.

C. STORMWATER IMPROVEMENTS

The proposed stormwater improvements consist of an upstream collection and conveyance system discharging to multiple dry retention ponds WMAs with a maximum depth of 2 feet. The WMAs discharges over earthen berms to adjacent wetlands tributary to Laird Bayou.

SECTION 2 - GENERAL INFORMATION

A. INTRODUCTION

This report consists of the stormwater management report for a new residential subdivision at Laird Point Subdivision in the City of Callaway, Florida. The report includes the analysis and design of the stormwater management system at the project site and addresses the postdevelopment condition.

B. DEVELOPMENT

Proposed development for the site includes a 95-lot subdivision with new paved roadways, walkways, home sites, and associated infrastructure including stormwater management facilities.

C. HISTORY

The project site is undeveloped and no applicable stormwater management history for the site is applicable.

D. PURPOSE

The purpose of this report is to document the site characteristics, proposed development, design criteria and assumptions along with the subsequent flood attenuation routing analyses, and water quality analysis for regulatory compliance.

E. PRIMARY REFERENCE DOCUMENTS

The following documents are referenced and utilized in the design of the SWM system.

1. Environmental Resource Permit Applicant's Handbook Volume II, November 1, 2010
2. Laird Point Subdivision Geotechnical Reports (3), Southern Earth Sciences, 06/08/07, 08/02/07, 09/24/07.

F. EXHIBITS

The contents of this report are complex and may be difficult to follow without referring to the included exhibits. Exhibits supporting the contents of the report are contained herein in Appendix A. A description of the exhibits is listed below.

1. Vicinity Map: A vicinity map including all major roads and features adjacent to the site is included herein as Exhibit 1.
2. Parcel Map: A map of the overall property ownership and development parcel is included herein as Exhibit 2.
3. 2010 Aerial Photograph: A 2010 aerial photograph of the site with project boundaries delineated is included herein as Exhibit 3.
4. FLUCCS Land Use Map: A FLUCCS Land Use Map is included herein as Exhibit 4. The map identifies the primary uses surrounding the site.
5. NRCS Soils Data: A map showing the hydrologic soil group classification for the soils underlying the site and adjacent areas are shown herein on Exhibit 5.

6. Topography: A topography map of the general area as obtained from the Bay County GIS is included herein as Exhibit 6.
7. FEMA Flood Zones: A map showing the flood zones within the area is included herein as Exhibit 7.
8. NWI Wetlands: A map showing the wetlands within the area based on the National Wetlands Inventory is included herein as Exhibit 8.
9. Predevelopment Basins: A map of the drainage basins used in the predevelopment analysis is included herein as Exhibit 9 & 10.
10. Postdevelopment Major Basins: A map of the major drainage basins used in the postdevelopment analysis is included herein as Exhibit 11 & 12.
11. Post Development Sub-Basins: A map of the sub-basins used in the postdevelopment analysis is included herein as Exhibit 13, 14, & 15.
12. Surface Waters: A map showing the location of surface waters in proximity to the site is included herein as Exhibit 16.

SECTION 3 - PROJECT AREA DESCRIPTION

A. PROJECT LOCATION

The project is located in Section 22, Township 4 South, Range 13 West at the end of Flagler Drive and Watermark Way of the Laird Point Subdivision in the east part of Bay County. The approximate latitude and longitude coordinates are 30° 07' 31" North and 85° 32' 04" West

B. PROJECT OWNERSHIP

The property is wholly owned by Laird Point Investors, LLC.

C. PROPERTY BOUNDARY

According to the Bay County Property Appraisers, the project boundary consists of the site boundary (parcel RE 07381-010-000) area of 92.17-acres. This area includes wetlands and other undevelopable area.

D. PROJECT AREA BOUNDARY

The actual project area boundary consisting of upland developable area is 20.88 acres. No off-site areas are tributary to the site. The project site and total land area, including distances and orientation from roads and other land marks, is shown on sheet C1 of the engineering plans. No off-site areas are tributary to the site.

E. STUDY AREA

The analysis study area predominately consists of three basin areas Refer to Exhibits 11 and 12 included herein. Basin 2A includes a 4.557 acre project area boundary. Basin 2B includes an 8.987 acre project area boundary. Basin 2C includes a 7.441 acre project area boundary. Portions of the basin areas are considered un-developable or unrecoverable. Un-developable or unrecoverable areas within the study area will be included in the treatment volume as compensatory treatment in the WMA but will not be included in the sub-basins of the SWM model analysis.

F. EXISTING DEVELOPMENT

No existing development exists within the project area boundary.

G. EXISTING DRAINAGE AND SWM SYSTEMS

No existing drainage systems are located on-site. The only facilities in proximity to the site include those associated with Laird Point Subdivision – Phase 1.

SECTION 4 - SITE INFORMATION

A. SITE CHARACTERISTICS

1. Vegetation: The development site in the predevelopment condition is predominately forested.
2. Land Cover: Based on the Florida Land Use Cover Classification System (FLUCCS), the development site land cover is upland coniferous forest. Refer to Exhibit 4.
3. Soils: Based on the NRCS Bay County Soil Survey, the development site is underlain predominately by soil group 32: Plummer Sand and 13: Leon Sand. Soil group 32 has a HSG indicator of B/D and covers approximately 70% of the site. Soil group 13 has a hydrologic soil group (HSG) indicator of B/D and covers approximately 30% of the site. Refer to Exhibit 5.
4. Topography: The site generally slopes from the center of the development of each basin outward in various directions towards adjacent wetlands. Existing slopes are typically Flat (0-2%) as classified by NRCS. Refer to Exhibit 6.
5. Elevation Datum: The elevation datum for the project site and this report is National Geodetic Vertical Datum (NGVD) of 1929.
6. Flood Plain Information: The project site is with Flood Zones A, AE (EL 7), AE (EL 8), and VE (EL 9) as obtained from the FEMA FIRM maps, Map Number 12005C0368H & 12005C0431H. Refer to Exhibit 7.
7. Wetlands: Based on the national wetlands inventory as shown on Exhibit 8, the project site does contain wetlands. Based on jurisdictional delineations, the site and adjacent areas containing jurisdictional wetlands have been verified. A wetland resource permit for fill activities (No. 03-0245341-004-DF) has been obtained.
8. Wildlife: A survey of Threatened and Endangered Species and Species of Special Concern (T&E species) was performed by Ecological Resource Consultants. No threatened or endangered species were observed within the project area.

B. SWM SITE CONDITION

1. Existing Predevelopment Site Condition: The project site in the pre-project condition is undeveloped and vegetated with trees and brush.
2. Proposed Postdevelopment Site Condition: Construction results substantially in the disturbance and regrading of 100% of the project site.

C. SURFACE WATERS

Surface waters as described below and as shown on Exhibit 16 are located on or adjacent to the site.

1. Surface Waters
   a) Tidal Water Bodies: Tidal water bodies are located adjacent to the project site. The nearest tidal water bodies are Laird Bayou and Boggy Bayou located approximately 50-100 feet west of the project sites, which are tributaries to East Bay.
   b) Non-Tidal Water Bodies: No non-tidal water bodies (still waters) including lakes, ponds, or permanent surface waters are located within the project site.

c) Intermittent Water Bodies: No Intermittent water bodies in the form of drains and branches, either named or unnamed, are located within or adjacent to the project site.

2. Surface Water Elevations: The site discharged directly to Boggy Bayou and Laird Bayou, tributaries to East Bay. The mean high water elevation of East Bay measured at 1.38 feet, NGVD.
3. Surface Water Flows: Not applicable.
4. Surface Water Boundaries: Not applicable.
5. Surface Water Classification: The project site ultimately discharges to East Bay or tributaries of East Bay. The surface water classification for these water bodies is Class II. The receiving waters are not Outstanding Florida Waters or Aquatic Preserves. The receiving waters are not contained on the 303d list of impaired water bodies and no TMDL has been adopted for the water body.

D. GEOTECHNICAL

A geotechnical report for the site was issued by Southern Earth Sciences (SES), Inc. on June 8, 2007. A supplemental geotechnical report was issued by SES on August 2, 2007. A second supplemental geotechnical report was issued by SES on September 24, 2007. The reports are reprinted herein in Appendix B. A summary of findings follows.

1. Average Seasonal Ground Water (ASGW) Elevation: Per the geotechnical investigation, the ASGW was not determined. Measured elevations at the location of the proposed WMA varied during the investigations from a low of 2.4 feet to a high of 3.0 feet.
2. Seasonal High Ground Water (SHGW) Elevation: Per the geotechnical investigation, the SHGW table is at or below existing grade.
3. Soils: Soils observed in the site consisted of sands varying in color and texture, which range from silty and slightly silty to slightly clayey to clayey sands.
4. Depth to the Mobilized Aquifer or Aquifer Base Elevation: Not identified.
5. Saturated Horizontal Hydraulic Conductivity: Not identified.
6. Unsaturated Vertical Hydraulic Conductivity: Not identified.
7. Effective (Fillable) Porosity: Not identified.
8. Suction Head: Not identified.

E. OFF-SITE FEATURES

1. Wells: No potable wells are known to exist within proximity to the site or WMA.
2. Stormwater Management Ponds: Not applicable. No existing stormwater management ponds are located within such proximity to the site that adverse impacts would be expected.
3. Buildings and Structures: Not applicable. No existing buildings and structures are located in such proximity to the site that adverse impacts would be expected.
4. Spray Fields: Not applicable. No existing spray fields are located within proximity to the site.
5. Land Fills: Not applicable. No existing landfills are located within proximity to the site.
6. Wetlands: Jurisdictional wetlands are located adjacent to the site.
7. Surface Waters: Surface waters of the state, East Bay, are located adjacent to the site.

F. WATER USE

1. Consumptive or Water Use Permit: No known consumptive use permits exist on or adjacent to the site.
2. Existing Wells: No potable wells are known within proximity to the site or WMA.
3. Stormwater Reuse Plans: Not applicable.

SECTION 5 - REGULATORY

A. JURISDICTION

The project is within the jurisdiction of the FDEP/NWFWMD for surface water impacts and stormwater management and City of Callaway for stormwater management.

B. PERMITS/APPROVALS REQUIRED

1. Dredge & Fill Activities: A wetland resource permit (No. 03-0245341-004-DF) was previously obtained.
2. Stormwater Management: Permits from the FDEP/NWFWMD will be required for stormwater management. Based on a pre-application meeting on February 13, 2013 with Chris Shortt, FDEP, the proposed design of a detention pond with a sand filter system is an acceptable stormwater management system. Approval of the sand filter system will be based on the performance of system analysis contained herein.
3. Stormwater Pollution Prevention Plan: A FDEP NPDES stormwater construction permit will be required for the project. A stormwater pollution prevention plan has been prepared for the project. A notice of intent to utilize the general permit will be filed with the state prior to commencement of construction.

C. REGULATORY CRITERIA

The general controlling design criteria for the site is based on the requirements from the following applicable regulatory entities.

1. FDEP/NWFWMD Criteria: Design criteria is contained in the Environmental Resource Permit (ERP) Applicant Handbook, Volumes I and II hereafter referenced as AH.I or AH.II. The ERP permit contains requirements for both stormwater management facilities and surface water management facilities. Stormwater management facilities provide both water quality and quantity treatment. The following are the primary stormwater requirements of the ERP permit.
    a) General Design and Performance Criteria: All projects that require a permit must meet the following requirements.
        (1) Reasonable Assurance: The applicant must provide reasonable assurance that the stormwater management system will meet the criteria in FAC Rule 62.346.301 and 62.346.302 (AH.II.2.2).
        (2) Maintenance Access: Design and access including necessary easements and rights of way to facilitate maintenance of the facilities (AH.II.2.4).
        (3) Legal Authorization: Legal authorization is required for use of offsite areas (AH.II.2.5).
        (4) Public Safety: Design considerations for public safety including side slopes, slope stabilization, control structures, freeboard, tailwater considerations, operation and maintenance, any compensatory treatment, overtreatment, and off-site compensation (AH.II.2.6).
    b) Stormwater Quantity/Flood Control: Systems that serve 40-acres or more total land area, projects that construct 12-acres or more of impervious area and have an impervious surface ratio (ISR) greater than 40%, or systems that are capable of impounding more than 40 acre-feet of water must provide the following flood attenuation in accordance with AH.II.3.

(1) Open Basin Systems: Attenuate the 25-year, 24-hour Type III storm event such that the post development discharge rate does not exceed the predevelopment discharge rate (AH.II.3.3.a).

(2) Closed Basin Systems: Attenuate the 25-year, 96-hour storm event such that the post development discharge volume does not exceed the predevelopment discharge volume (AH.II.3.3.b). Closed basin systems are systems that do not have an outfall for conditions up to and including the 100-year, 24-hour flood stage. Additionally, minimum finished floor elevations must be located above the 25-year, 96-hour storm event.

(3) Free Basin Systems: Attenuation is not required for systems that discharge to the Gulf of Mexico or tidally-influenced waterways (AH.II.3.3.c).

c) Stormwater Quality: All projects that require an individual permit must provide the following treatment prior to discharge in accordance with AH.II.4.

(1) Streambank Protection: For projects with an ISR of more than 50%, attenuate the 2-year, 24-hour Type III storm event such that the post development discharge does not exceed the predevelopment discharge (AH.II.4.5).

(2) Erosion and Sediment Control: Provide erosion and sediment control in accordance with AH.II.4.6.

(3) Oil and Grease Control: For projects with an ISR of more than 50%, prevent oil and grease from being discharged from the stormwater system in accordance with AH.II.4.7.

(4) Treatment Volume: Systems must provide treatment in accordance with the following table based on treatment type (AH.II Part V). Variables used in volume computations may include Volume (V), coefficient of runoff (C); tributary area (A), travel time (T), and average annual runoff (AAR). Discharges to Outstanding Florida Waters (OFW) require additional treatment as shown.

Table 5.C.1 - Required Treatment Volume

Facility Type	On-Line System[1]	Off-Line System	OFW	Reference
Retention	1" x CA	½" x A	Additional 50%	AH.II.5.2
Underdrains	1" x CA	½" x A	Additional 50%	AH.II.6.2
Exfiltration	1" x CA	½" x A	Additional 50%	AH.II.7.2
Wet Detention	1" x A	N/A	Additional 50%	AH.II.8.2
Swales	80% of Storm	N/A	100% of Storm	AH.II.9.2
Wetlands System	1" x A	N/A	Additional 50%	AH.II.10.3
VNB	200 Seconds	N/A	300 Seconds	AH.II.11.4
Reuse Systems	50% AAR	N/A	90% AAR	AH.II.12.2

1. On-line system volume must not be less than off-line system volume.

(5) Recovery: Systems must recover the treatment volume in accordance with the following table based on treatment type (AH.II Part V).

Table 5.C.2 – Recovery Time

Description	Recovery Time (Hrs)	Factor of Safety
Retention	72	2
Underdrains	72	2
Exfiltration	72	2
Wet Detention	½ V: 48 – 60	1
Swales	N/A	N/A
Wetlands Systems	½ V: 60 – 72	1
VNB	N/A	N/A
Reuse Systems	N/A	N/A

(6) Special Basin Criteria: Swales are allowed only within soils with a hydrologic soil group (HSG) of A or B (AH.II.9.3). Within sensitive Karst Areas as identified in AH.II Figure 17.0-1, provide protection of the Floridan Aquifer System in accordance with AH.II.17.3.2.

(7) Impaired Receiving Waters: When discharging to impaired receiving waters, the discharge must not result in further impairment or mitigation for the additional degradation is required (AH.I.8.4.2).

(8) Flood Damage: Minimum finished floor elevations shall be established for buildings and lots based on the greater of the FEMA FIRM map or routing of the 100-year, 24-hour storm event (AH.I.8.4.4).

(9) Low Flow and Base Flow Maintenance: In addition to stormwater runoff, facilities must consider groundwater and surface water contributions and impacts as applicable to insure no loss of treatment volume (AH.I.8.4.6).

(10) Dam Safety: For facilities with an embankment height as measured from top of bank to the downstream toe in excess of 10-feet or 5-feet when impounding more than 50 acre-feet, an analysis of the embankment in accordance with standard engineering practice for safety is required (AH.I.8.4.7).

2. City of Callaway Criteria: Design criteria is contained in the City's Land Development Regulations (LDR). The LDR contains requirements for both stormwater management facilities providing both water quality and quantity treatment. The following are the primary stormwater requirements of the LDR.

a) Performance Standards: All projects that require a permit must meet the meet the criteria in LDR Section 15.725.6

b) Stormwater Quantity/Flood Control: Detention basins shall be designed so that the instantaneous peak discharge from the developed site due to a twenty-five (25) year rainfall shall not exceed the instantaneous peak discharge from the undeveloped site due to a ten (10) year rainfall. Development that discharges directly into gulf, bay, or estuarine waters will not require flood attenuation; however, compliance with water quality standards and siltation controls shall be required in accordance with LDR Section 15.745.11.

c) Stormwater Quality: Water quality. The drainage system shall provide treatment equivalent to retention, or detention with filtration, of the runoff from the first one (1") inch of rainfall; or as an option for projects with drainage areas less than one hundred (100) acres, the first one-half (1/2") inch of runoff. Facilities which discharge to Class I waters shall be provided with an approved, workable filter system in accordance with LDR Section 15.745.6.

SECTION 6 - GENERAL SWM ANALYSIS & DESIGN DATA

A. SCOPE

Unless noted otherwise, the SWM included herein is limited to the project area. Based on the analysis of the project area, no off-site tributary areas were identified.

B. MODELING METHODOLOGY

The SWM flood attenuation analyses and pond drawdown analyses contained herein are be modeled using the Interconnected Pond Routing (ICPR) model by Streamline Technologies, Inc. ICPR is a hydrodynamic model with a fully integrated hydrology component that allows modeling of any combination of interconnected complex systems. The model representing the SWM is constructed using various elements to represent the physical characteristics of the system. These elements include basins, nodes and links.

1. Basins: Basins as contained in the model represent the various attributes of the land areas that generate runoff to the modeled points (nodes) in the system. The basin attributes used in defining the runoff characteristics include the following.
    a) Basin Area: A discrete surface area for generating runoff.
    b) Tributary Node: The node or point in the model to which the basin runoff discharges.
    c) Unrecoverable Areas: Are areas that are not tributary to the SWM for each Basin. The unrecoverable areas were included in the calculations for basin treatment volumes as compensatory treatment in the WMA, but are not included in the post development SMW design analysis.
        (1) Basin 2A: Unrecoverable areas for Basin 2A include areas of Lots 182 & 183 and Tracts consisting primarily of wetland buffer.
        (2) Basin 2B: Unrecoverable areas for Basin 2B include areas of Tract BB, portion of Watermark Way, and other areas consisting primarily of wetland buffer. It was not feasible to convey stormwater runoff from Tract BB and the area of Watermark Way from the connection to the existing roadway to 24-inch storm culvert. As a result the roadway section was design in accordance with the previous Laird Point Subdivision roadway typical section. The roadway section includes a roadside swale to convey and treat stormwater runoff. The swale discharges south to the wetland at the new 24-inch storm culvert. The swale system was not included in the design analysis due to the underlying soil classification of D.
        (3) Basin 2C: Unrecoverable areas for Basin 2C include Tracts consisting primarily of wetland buffer
    d) Curve Number: The curve number is an empirical parameter representing the runoff characteristics of the land area. The curve number is based on the hydrologic soil group of the land, the land cover, and the hydrologic condition. Curve numbers used herein are based on NRCS (SCS) values obtained using the corresponding land HSG and Natural Land Cover. Composite numbers are computed for each basin using the HSG types within the basin.
    e) Time of Concentration: Time of concentration represents the response of the basin to a rain event and more specifically represents the time needed for water to flow from the most remote point in the basin to the point of discharge.

2. Nodes: Nodes as contained in the model represent discrete locations in the system where conservation of mass or continuity is maintained and result data in the form of flow and stage are required. Nodes may be storage nodes or time-stage nodes. Storage nodes may be of differing types used to represent the physical components of the system such as ponds, depressional areas, structures, or points of interest in the system. Time-stage nodes are typically boundary nodes and represent the receiving water stage over time through the event.

3. Links: Links as contained in the model represent conveyance elements within the system such as pipes, ditches, etc.

C. General Modeling Parameters

The following parameters are applicable to all analyses.

1. Site Characteristics: General site characteristics are listed below.

   a) Natural Land Cover: Woods, good condition. Classifications determined in accordance with National Engineering Handbook (NEH) Part 630.0802.

   b) Topography: Flat (0-2%), site survey.

   c) General Soils Data: Varies by location. Data source is site geotechnical investigation and NRCS Bay County Soil Survey.

   d) Hydrologic Soil Group (HSG): NRCS Bay County Soil Survey. Due to the predominance of the HSG B/D soil group, the analyses will assume a HSG of D for the project area.

2. Receiving Water Elevations: The receiving water, East Bay, has a mean high water elevation of 1.38 feet (NGVD) and a mean low water elevation of -0.11 feet (NGVD).

3. Receiving Systems: The receiving system for the site is the adjacent wetlands. The topography varies throughout the wetland system. The ground elevations at the location of the points of discharge range from 1.75 to 2.10 feet, NGVD. The wetlands discharge directly to Boggy Bayou and Laird Bayou, tributaries to East Bay. The mean high water elevation of East Bay measured at 1.38 feet, NGVD. Assuming the receiving water elevation at the wetland is equal to the flow line of the pipe, the tailwater elevation would be 1.75 to 2.10 feet, NGVD. For the purposes of analysis, the design tailwater elevation will be assumed at 2.0 feet, NGVD.

4. Surface Water Flow

   a) Low Flow: None.

   b) Base Flow: None.

5. Groundwater: Groundwater elevations varied between the various investigations at the location of the proposed WMA from a measured high depth of 6 inches to a low depth of 18 inches. The geotechnical report identified the seasonal high groundwater (SHW) elevation at or below existing grade. The NRCS Bay County Soil Survey for Soil Group 32: Plummer Sand lists the high water table at grade to 18 inches below grade for 8 months of the year and Soil Group 13: Leon Sand lists the high water table at grade to 12 inches below grade for 8 months of the year. Based on this data, the bottom of the WMAs will be approximately 0.5 to 1.0 feet above the SHW.

6. Rainfall Data

   a) Hydrologic Condition: Normal antecedent moisture condition (AMC), AMC condition II.

   b) Rainfall Durations: Event durations include the 1, 2, 4, 8, and 24-hour storms.

c) Rainfall Frequencies: Event frequencies include the 25 year event return frequencies.

d) Rainfall Distributions: Synthetic rainfall distributions are based on the FDOT state-wide rainfall distributions and the NRCS regional Type III rainfall distribution. The Type III distribution is utilized for the 2-year 24-hour event.

e) Rainfall Depth (all events except 2-year 24-hour storm): Rainfall depth is based on the FDOT IDF curve for Zone 1 or the FDOT Isopluvial Maps developed using depth-duration-frequency data from the US Weather Bureau Technical Paper No. 40 (TP-40) and Hydro-35.

Table 6.C.1 – Site Specific Rainfall Depth (Inches)

Storm Frequency	Storm Duration					
	1 Hour	2 Hours	4 Hours	8 Hours	24 Hours	72 Hours
2 Year	-	-	-	-	6.0	-
3 Year	2.7	3.4	3.6	5.1	7.1	8.5
5 Year	2.9	3.7	4.2	5.7	7.9	9.4
10 Year	3.2	4.2	5.2	6.5	9.1	11.0
25 Year	3.7	4.8	6.0	7.5	10.7	12.8
50 Year	4.2	5.5	6.8	8.6	12.3	14.5
100 Year	4.5	6.0	7.5	9.4	13.4	15.9

f) Hydrograph Shape Factor or Peak Rate Factor (PRF): The PRF was determined in accordance with the FDOT Drainage Hydrology Handbook and AH.II.3.3.2. In accordance with AH.II.3.3.2, the recommended PRF range for watersheds with very mild average slopes of 0.5% or less and significant storage throughout the watershed is 256 to 284; the recommended PRF for watersheds with moderate surface storage and mild to moderate slopes is 323 to 384; the recommended PRF for watersheds with little or no storage, moderate to steep slopes, and/or significant drainage works is 484.

(1) Predevelopment PRF: A PRF of 256 will be used for the pre-development condition since the project site exhibits moderate surface storage and mild to moderate slopes.

(2) Postdevelopment PRF: A PRF of 484 will be used for the postdevelopment condition to reflect the mass grading of the site and the proposed drainage condition.

g) Wet Season Normal Rainfall: 28.5-inches (ERP AH.II Figure 14-1)

h) Length of Wet Season: 122-days (ERP AH.II.14.1).

7. Runoff Curve Number (CN): Runoff curve numbers are based on NEH Part 630.0900 Tables 9-1 through 9-6 and the land cover and applicable HSG.

a) Natural Area: Undisturbed natural area (undeveloped pervious area) runoff curve numbers are based on land cover woods, good condition, and HSG D for a CN of 77.

b) Developed Pervious Area: Due to the disturbed nature of the site resulting from mass grading, curve numbers for developed pervious areas cannot be determined using the underlying soil group HSG of D representative of high groundwater table, poor infiltration and high runoff. A more appropriate HSG for the developed condition would be HSG C representative of the raised site elevations and select fill providing greater groundwater table separation and infiltration rates. The developed condition pervious area runoff curve number will be based on open space (lawn), good condition, and HSG C for a CN of 74. Any

off-site developed areas will be based on open space, good condition and HSG D for a CN of 80.

c) Impervious Area: Runoff curve number is based on land cover impervious pavement, i.e. 98.

d) Pond Area: Runoff curve number assumed at 100.

8. Time of Concentration: Time of concentration is based on the FDOT Velocity method and FDOT velocity charts.

D. Model Input Data

Input data worksheets were developed for the construction of each analysis model. The contents of the worksheets are listed below. The type of data contained in each of the worksheets is consistent throughout the analyses. Note, not all worksheet types are applicable to each analysis.

1. Basin Data Summary: The Basin Data Summary worksheet shows summary data for each model basin including basin name, area, composite runoff curve number, time of concentration, and the model node to which the basin is tributary.

2. Natural Basin Runoff Characteristics: The Natural Basin Runoff Characteristics worksheet shows for undeveloped natural basins, runoff data for each model basin including the basin name, on-site area, off-site area, total area, area for each hydrologic soil group with corresponding runoff curve number, and the composite runoff curve number for the basin.

3. Basin Runoff Curve Number Data: The Basin Runoff Characteristics worksheet shows runoff data for each model basin including the basin name, on-site area, off-site area, total area, area and runoff curve number for land cover type, and the composite runoff curve number for the basin.

4. Node Data: The Node Data worksheet shows storage data for each model basin including the basin name, model node to which the basin is tributary, initial model stage, and stage/area data for areas subject to ponding.

5. Link Data: The Link Data worksheet shows the link name, the to and from nodes for each link, the link type, length, inverts, losses, and other link specific data.

6. WMA Volume Analysis: The WMA Volume Analysis worksheet shows the tributary area, required treatment volume, facility volume data, and design treatment volume data for each treatment facility.

7. Time of Concentration: The time of concentration worksheets show the flow path and the computed time of concentration for each basin.

8. Sand Filter Rating Curve: The sand filter rating curve worksheets show the head vs. discharge to the be used in the drawdown analysis of the treatment volume.

9. Filter Screen Rating Curve: The filter screen rating curve worksheet demonstrates that the filter screen will not be a limiting factor to the sand filter.

SECTION 7 - PREDEVELOPMENT CONDITION

A. GENERAL

Not applicable. The receiving system is a wetland adjacent to the development, which is directly tributary to the East Bay system.

B. RECEIVING SYSTEM CAPACITY ANALYSIS

Not applicable. The receiving system is a wetland adjacent to the development, which is directly tributary to the East Bay system.

SECTION 8 - POST DEVELOPMENT CONDITION

A. FLOOD ROUTING ANALYSIS

1. General: The analysis consists of the ICPR flood routing analysis of required storm events through the proposed stormwater management facilities using design assumptions and parameters appropriate to the site.
2. Purpose: The purpose of the analysis is to evaluate and design the stormwater management system to address water quantity. Water quality issues are addressed in subsequent sections.
3. Analysis Description: The analysis consists of a flood routing analysis of storm events through the proposed WMA with off-site discharge to the adjacent wetland system.
4. Scope: The analysis includes the entire project area broken down into three distinct basin areas. No off-site areas were determined to be tributary to the project area. The scope of the analysis terminates at the wetland boundary of the property.
5. Permitted Regulatory Performance Requirements (Water Quantity)
   a) FDEP
      (1) Flood Attenuation: None required.
      (2) Streambank Protection: Not required, proposed impervious surface area is 7.40± acres and the proposed impervious surface ratio is 35.4%.
   b) City of Callaway
      (1) Flood Attenuation: None required.
6. Project Special Performance Requirements: None.
7. Design Concept
   a) General: Collect the runoff from the development area plus any upstream tributary areas and convey to a WMA.
   b) WMA: Design a dry detention pond.
   c) Allowable Discharge: No maximum discharge required.
8. Analysis Constraints/Requirements
   a) Natural Basin Storage: Not applicable in postdevelopment.
   b) Low Flow Maintenance: Not applicable, no streams with perennial flows within property.
   c) Base Flow Maintenance: Not applicable, WMA normal water level to be set at or above water table elevation.
   d) Closed or Restricted System: Not closed, restricted subject to receiving system capacity limitations.
   e) Receiving System: Tailwater elevations consistent with Section 6.C.3, i.e. 2.0 feet.
9. Model Construction
   a) Study Area: The model encompasses a three study areas; Basin 2A of 4.382 acres with 0 off-site acres, Basin 2B of 7.649 acres with 0 off-site acres, and Basin 2C of 6.695 acres with 0 off-site acres.

b) Model State: The model represents the post development condition.

c) Components: The model consists of a basin, node, link system.

(1) Basins: The model includes 3 major basins.

(a) Basin 2A includes 15 sub-basins.

(b) Basin 2B includes 22 sub-basins.

(c) Basin 2C includes 10 sub-basins.

(2) Nodes:

(a) Basin 2A includes 21 nodes; 14 storage nodes and 1 time-stage node representing the outfall point.

(b) Basin 2B includes 32 nodes; 22 storage nodes and 1 time-stage node representing the outfall point.

(c) Basin 2C includes 17 nodes; 10 storage nodes and 1 time-stage node representing the outfall point

(3) Links: The model includes 15 links representing 14 pipes and 1 drop structure.

(a) Basin 2A includes 20 links representing 18 pipes and 2 weirs.

(b) Basin 2B includes 31 links representing 29 pipes and 2 weirs.

(c) Basin 2C includes 16 links representing 14 pipes and 2 weirs.

(4) Treatment Systems: A sand filter system will be provided for each of the three major basins.

d) Model Parameters: Consistent with general parameters contained in Section 6.

10. Model Input Data: The following is a list of input data used in the analysis. Data computed for this analysis is contained herein in Appendix D. A description of the data included in the input data worksheets is contained in Section 6.D. For a graphical representation of the post development basins, refer to Exhibits 11 through 15 contained in Appendix A.

- Basin Data Summary
- Basin Runoff Characteristics
- Node Data
- Link Data
- WMA Volume Analysis
- Time of Concentration
- Sand Filter Rating Curve

11. Model Diagram: A copy of the model diagram has been included herein in Appendix E.

12. Results: Complete results from the analysis are contained herein in Appendix E including the ICPR Node Maximum Condition Report, ICPR Link Maximum Condition Report, ICPR Hydrology Report, and ICPR Input Data Report.

a) Analysis and Design Summary: Design of the proposed improvements was accomplished by trial and analysis utilizing multiple models, a primary flood attenuation model and drawdown model. The drawdown model was essentially a version of the flood attenuation model that had been simplified by removing all of the components other than those necessary for the drawdown analysis.

b) Improvements Summary:

(1) Basin 2A: Improvements consist substantially of 2 new ponds located central to the development site within Basin 2A. The new ponds consists of dry detention ponds with an earthen berm discharging from Pond 2 to the adjacent wetland at the southeast limits of development. Construction will require an elevated berm along the southeast side of the facility and will contain a sand filter system. For the remainder of the pond, the grades will slope from the toe of slope to a minimum elevation of 6.00 feet, NGVD. This elevation is above existing grade requiring future development to fill to a minimum elevation of 6.00 feet, NGVD. The new berm will be constructed with a 3 foot wide crest, 3H:1V fore slope above the normal water level, 3H:1V maximum back slope, and a maximum berm height of 3.0± feet. The pond will slope at 4H:1V. The selected sand filter system consisted of an infall structure and perforated pipe to convey water to the filter media and a separate perforated pipe to convey the filtered water to the outfall structure for final discharge from the site. The two perforated pipes are separated by the required 24 inches of filter media.

Table 8.A.1.A – Basin 2A Combined Ponds 1 &2 Volume Data

Description	Elevation (Ft., NGVD)	Area (Acres)	Volume (Acre-Feet)
Toe of Slope	3.50	0.0736	0
Intermediate Elevation	4.00	0.1909	0.066
Intermediate Elevation	4.50	0.2217	0.1693
Intermediate Elevation	5.00	0.2518	0.2876
Top of Bank	5.50	0.2910	0.4233

Table 8.A.2.A – Basin 2A Pond 2 Outfall Structure Data

Primary Discharge Type	Earthen Berm Weir
Primary Discharge Elevation	4.80 Feet
Primary Discharge Length	150 Feet
Drawdown Structure Type	Sand Filter
Drawdown Discharge Type	Vertical Weir
Drawdown Discharge Elevation	3.25 Feet
Discharge Pipe	12 inch

(2) Basin 2B: Improvements consist substantially of 4 new ponds located central to the development site within Basin 2B. The new ponds consists of a dry detention ponds with an earthen berm discharging from Pond 6 to the adjacent wetland at the east limits of development. Construction will require an elevated berm along the east side of the facility and will contain a sand filter system. For the remainder of the pond, the grades will slope from the toe of slope to a minimum elevation of 6.00 feet, NGVD. This elevation is above existing grade requiring future development to fill to a minimum elevation of 6.00 feet, NGVD. The new berm will be constructed with a 3 foot wide crest, 3H:1V fore slope above the normal water level, 3H:1V maximum back slope, and a maximum berm height of 3.0± feet. The pond will slope at 4H:1V. The selected sand filter system consisted of an infall structure and perforated pipe to convey water to the filter media and a separate perforated pipe to convey the filtered water to the outfall structure for final discharge from the site. The two perforated pipes are separated by the required 24 inches of filter media.

Table 8.A.1.B – Basin 2B Combined Ponds 3, 4, 5, & 6 Volume Data

Description	Elevation (Ft., NGVD)	Area (Acres)	Volume (Acre-Feet)
Toe of Slope	3.50	0.1827	0
Intermediate Elevation	4.00	0.2160	0.0997
Intermediate Elevation	4.50	0.6041	0.3810
Intermediate Elevation	5.00	0.6713	0..6998
Top of Bank	5.50	0.7384	1.0523

Table 8.A.2.B – Basin 2B Pond 6 Outfall Structure Data

Primary Discharge Type	Earthen Berm Weir
Primary Discharge Elevation	4.60 Feet
Primary Discharge Length	390 Feet
Drawdown Structure Type	Sand Filter
Drawdown Discharge Type	Vertical Weir
Drawdown Discharge Elevation	3.25 Feet
Discharge Pipe	12 inch

(3) Basin 2C: Improvements consist substantially of a new pond located central to the development site within Basin 2C. The new pond consists of a dry detention pond with an earthen berm discharging to the adjacent wetland at the east limits of development. Construction will require an elevated berm along the east side of the facility and will contain a sand filter system. For the remainder of the pond, the grades will slope from the toe of slope to a minimum elevation of 6.00 feet, NGVD. This elevation is above existing grade requiring future development to fill to a minimum elevation of 6.00 feet, NGVD. The new berm will be constructed with a 3 foot wide crest, 3H:1V fore slope above the normal water level, 3H:1V maximum back slope, and a maximum berm height of 3.0± feet. The pond will slope at 4H:1V. The selected sand filter system consisted of an infall structure and perforated pipe to convey water to the filter media and a separate perforated pipe to convey the filtered water to the outfall structure for final discharge from the site. The two perforated pipes are separated by the required 24 inches of filter media.

Table 8.A.1.C – Basin 2C Pond 7 Volume Data

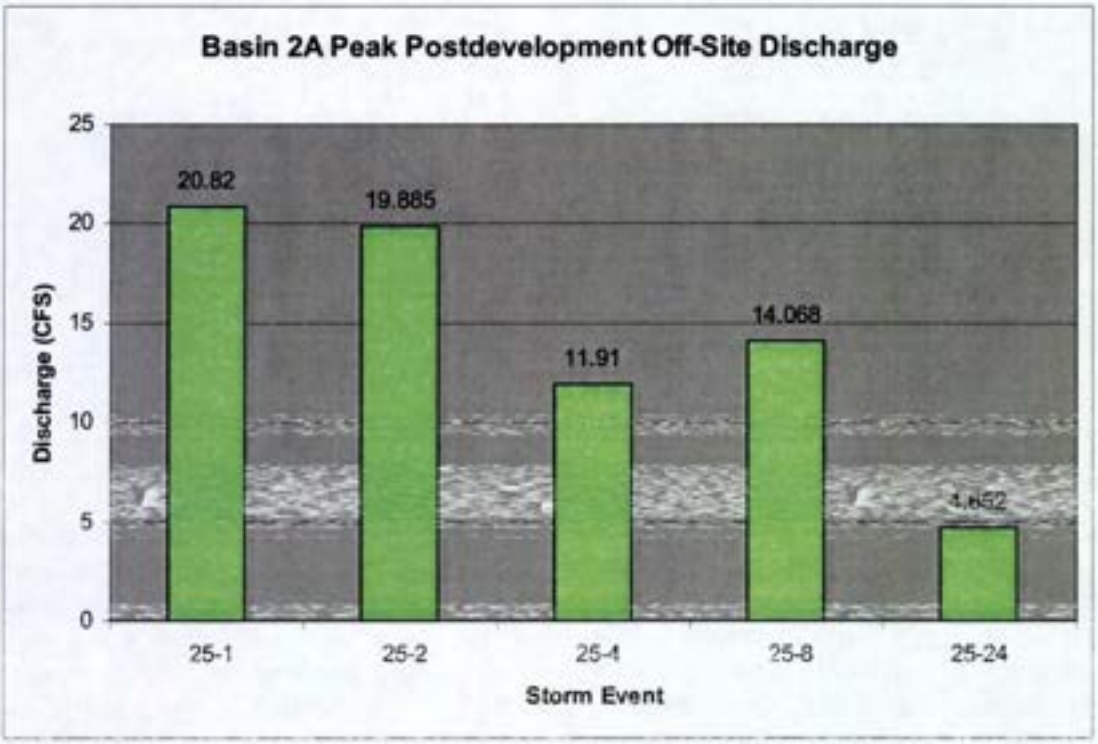
Description	Elevation (Ft., NGVD)	Area (Acres)	Volume (Acre-Feet)
Toe of Slope	3.50	0.2607	0
Intermediate Elevation	4.50	0.3647	0.3125
Top of Bank	5.50	0.4146	0.7021

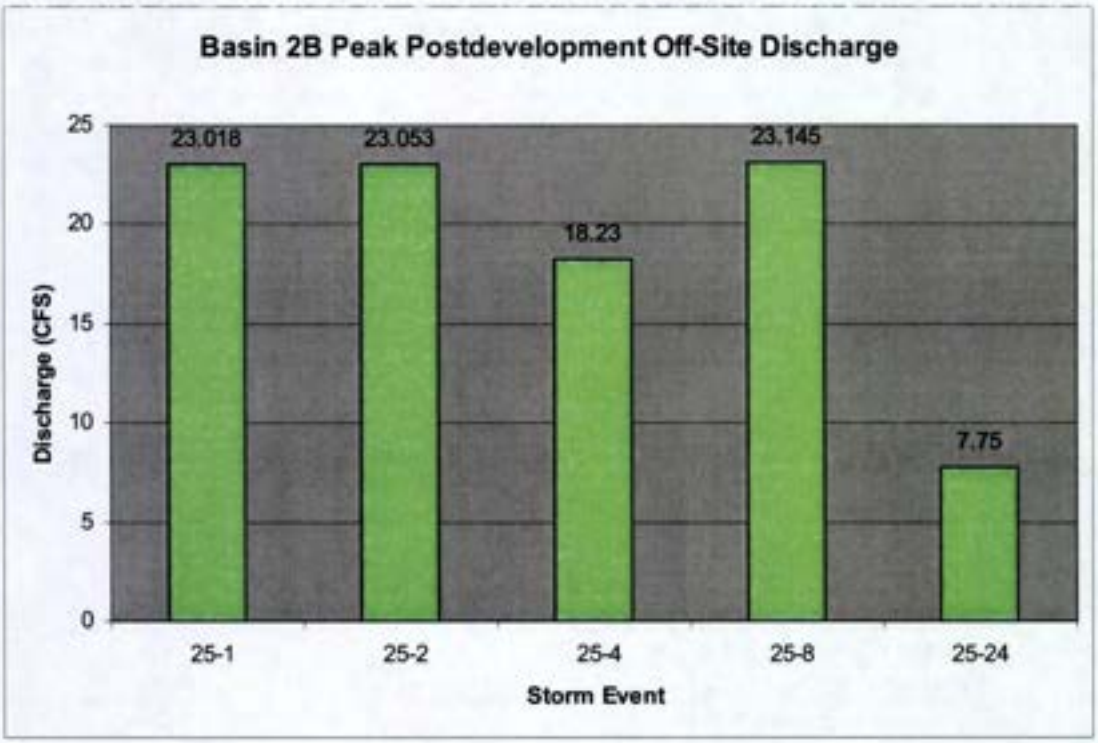
Table 8.A.2.C – Pond 7 Outfall Structure Data

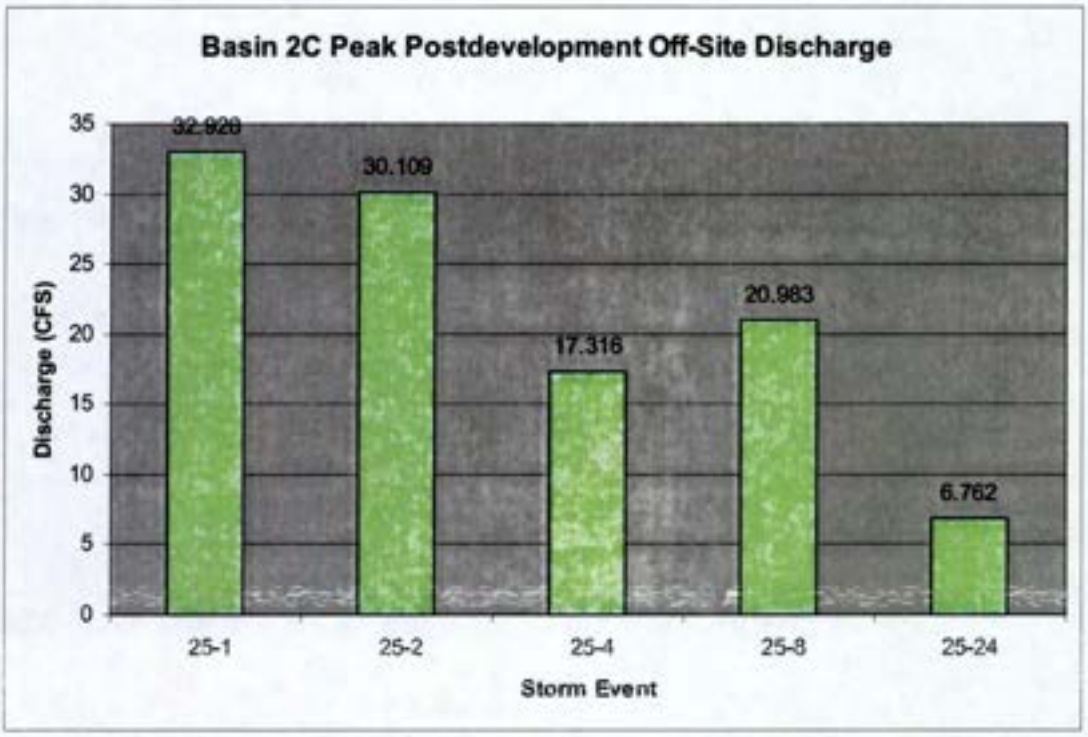
Primary Discharge Type	Earthen Berm Weir
Primary Discharge Elevation	4.50 Feet
Primary Discharge Length	756 Feet
Drawdown Structure Type	Sand Filter
Drawdown Discharge Type	Vertical Weir

Drawdown Discharge Elevation	3.25 Feet
Discharge Pipe	12 inch

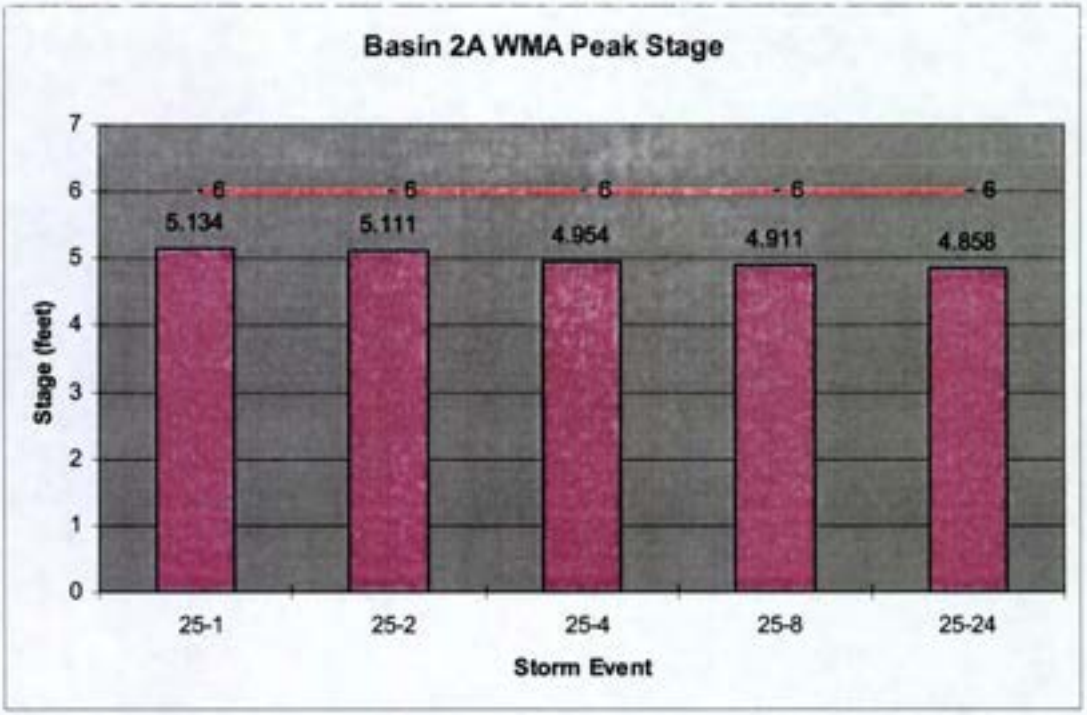
c)Off-site Discharge Rate Summary: As seen in the following charts, the proposed postdevelopment off-site discharge for each basin.

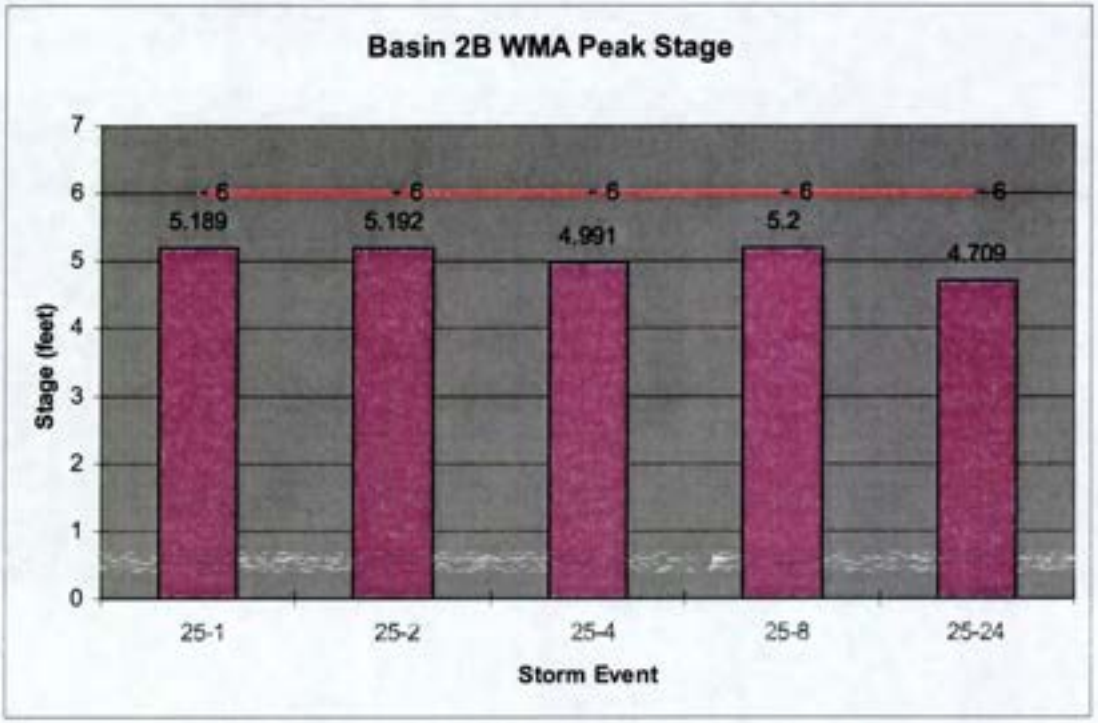


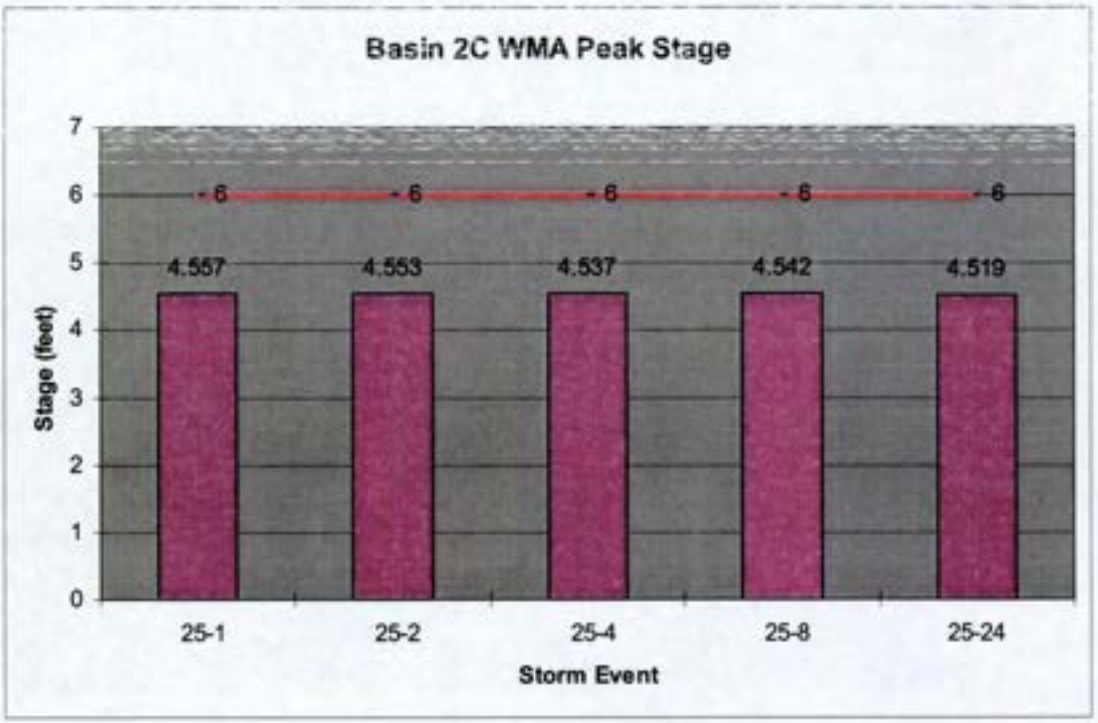




d) Peak Stage Summary: Additionally, as seen in the following chart, the peak stage in the proposed WMA does not exceed the top of bank elevation for any storm event.







e) Dam Safety: The WMA facility for the project does not result in a dam height as measured from the downstream toe to the top of bank in excess of 10-feet or in excess of 5-feet with a

total storage volume in excess of 50 acre-feet as shown in the following table. Consequently, no specific dam stability analysis is included herein.

f) Freeboard: Based on the analyses, the pond has a freeboard of approximately 12 inches during the worst case storm event.

13. Conclusions: Based on the analysis, the proposed improvements as designed meet the water quantity objectives as described below.

a) The WMA attenuates the required storm events without overtopping the bank during any event.

b) The WMA attenuates the required storm events without any excessive on-site flooding.

B. WATER QUALITY ANALYSIS

1. General: The water quality analysis consists of a new ICPR drawdown analysis of the design treatment volume.

2. Purpose: The purpose of the analysis is to evaluate and design the improvements to address water quality.

3. Analysis Description: The analysis consists of a static pool drawdown analysis based on the flood routing model. The flood routing model has been modified to remove all basins and all improvements upstream of the pond.

4. Scope: The analysis includes the pond and downstream nodes and links to the point of discharge.

5. Regulatory Performance Requirements (Water Quality)

a) FDEP

(1) Water Quality: Treat to normal standards, i.e. the first 1 inch of runoff volume.

(2) Pond Recovery: Recover treatment volume within 72 hours.

b) City of Callaway: Treat to normal standards, i.e. the first one-half (1/2") inch of runoff volume.

6. Design Concept

a) General: Add new dry detention pond to collect and treat discharges from the developed site. The treatment system will be a sand filter system.

b) Analysis Constraints: Same as primary flood routing model.

c) Base Flow: Not applicable.

d) Supplemental Treatment Volume: Not applicable.

e) Permanent Pool: Not applicable.

7. Model Construction

a) Study Area: Pond and downstream facilities.

b) Model State: Treatment volume drawdown analysis, no rainfall.

c) Components: The model consists of a node, link system.

(1) Basins: None.

(2) Nodes: The model includes storage nodes representing the treatment ponds,

conveyance structures, and outfall structures, and 1 time-stage nodes representing the outfall point.

(3) Links: The model includes link representing storm sewer pipes, weirs, and filter system.

d) Model Parameters: Consistent with general parameters contained in Section 6.C.

8. Model Input Data: The following is a list of input data used in the analysis. A description of the data included in the input data worksheets is contained in Section 6.D.

- Node Data: See Appendix D.
- WMA Volume Analysis: See Appendix D.
- Sand Filter Rating Curve: See Appendix D.

9. Model Diagram: A copy of the model diagram has been included herein in Appendix E.

10. Results: Results from the drawdown analysis are contained in Appendix F. ICPR result data reports include pond stage-time conditions (stage, time, inflow and outflow) and the ICPR model input report.

a) Analysis and Design Summary: Design accomplished by the drawdown analysis consisted substantially of sizing the sand filter system and setting the elevation of the primary discharge device or control elevation. In general, this was accomplished by trial and analysis utilizing the drawdown model with varying infall/outfall structure characteristics until the results matched the established criteria.

b) Improvements Summary: Same as flood routing analysis in Section 8.A.

c) Supplemental Treatment Volume: no additional supplemental treatment is required.

Table 8.B.1.A – Basin 2A Combined Ponds 1 &2 Supplemental Treatment Volume

Description	Standard	Required FDEP Treatment Volume (CF)	Provided Treatment Volume (CF)
Standard Volume	1" x A	9,736	10,389
OFW Volume	+50%	0	0
Total Volume	-	9,736	10,389

Table 8.B.1.B – Basin 2B Combined Ponds 3, 4, 5, & 6 Supplemental Treatment Volume

Description	Standard	Required FDEP Treatment Volume (CF)	Provided Treatment Volume (CF)
Standard Volume	1" x A	18,702	19,256
OFW Volume	+50%	0	0
Total Volume	-	18,702	19,256

Table 8.B.1.C – Basin 2C Pond 7 Supplemental Treatment Volume

Description	Standard	Required FDEP Treatment Volume (CF)	Provided Treatment Volume (CF)
Standard Volume	1" x A	12,733	13,612
OFW Volume	+50%	0	0
Total Volume	-	12,733	13,612

d) Pond Drawdown Summary: The results of the drawdown analysis are contained in the following tables.

Table 8.B.2.A – Ponds 1 &2 Drawdown Analysis Results

Description	Provided	Required
Treatment Volume	10,389 CF	9,736 CF
Treatment Volume Stage	4.80 Ft	4.74 Ft
Bottom of Pond	3.50 Ft	3.50 Ft
Treatment Volume Recovery Time	26.00 Hours	72 Hours
Factor of Safety	2.77	2

Table 8.B.2.B – Ponds 3, 4, 5, & 6 Drawdown Analysis Results

Description	Provided	Required
Treatment Volume	19,256 CF	18,702 CF
Treatment Volume Stage	4.60 Ft	4.58 Ft
Bottom of Pond	3.50 Ft	3.50 Ft
Treatment Volume Recovery Time	30.33 Hours	72 Hours
Factor of Safety	2.37	2

Table 8.B.2.C – Pond 7 Drawdown Analysis Results

Description	Provided	Required
Treatment Volume	13,612 CF	12,733 CF
Treatment Volume Stage	4.50 Ft	4.45 Ft
Bottom of Pond	3.50 Ft	3.50 Ft
Treatment Volume Recovery Time	27.00 Hours	72 Hours
Factor of Safety	2.67	2

e) Conclusion: Based on the analysis, the proposed WMA improvements as designed meet the water quality objective by treating the required volume with appropriate factor of safety. This exceeds the 72-hour treatment requirement

C. DRAINAGE SYSTEMS

1. Surface Drainage System: No separate analysis of the on-site surface drainage system will be performed. The proposed drainage system for the site was modeled as part of the stormwater management system.

SECTION 9 - CONSTRUCTION

A. SCHEDULE

The construction schedule for the project is contained in Table V.1. A description of the general scheduling of specific items and construction techniques follows.

Table 9.A.1 – Construction Schedule

Description	Estimated Commencement	Estimated Completion
Notice of Commencement	May 2013	-
Erosion and Sediment Control	May2013	May 2015
General Construction	May 2013	May 2015
Final Inspection and As-built Certification	July 2014	May 2015

B. CONSTRUCTION SEQUENCING

No unusual construction equipment or techniques is anticipated for the project. A general sequencing of construction is listed below.

- Installation of perimeter and area erosion and sediment control devices.
- Demolition
- Clearing and grubbing
- Earthwork for WMA
- General earthwork
- Improvement construction
- Final grading and stabilization
- Final grading and stabilization of WMA
- Maintenance monitoring of vegetation until establishment
- Removal of erosion and sediment control

C. TECHNIQUES

1. Disposal Site for Excavated Material: Excavated material suitable for reuse will be utilized on site to accomplish the final grades shown in the plans. Any excess material including unsuitable material will be removed off-site by the Contractor and stockpiled at the Contractor's yard for reuse or disposal in accordance with applicable laws.

2. Dry Retention Ponds: A general sequencing of construction is listed below.
   - Initially excavate pond to the lines and grades shown on the plans.
   - Install drainage structures.
   - Install erosion and sediment control devices at discharge points and outfall structures.
   - After contributing drainage area is stabilized, final grade pond banks.
   - Remove any sediment collected in and at drainage structures.
   - Install stabilizing vegetation.
   - Maintain and monitor vegetation until establishment. Correct deficiencies immediately upon occurrence.
   - Remove pond erosion and sediment control devices.

3. Temporary Erosion and Sediment Control: Temporary Measures: Temporary erosion and sediment control measures including silt fences, turbidity barriers, entrance controls and other initial measures will be placed prior to commencement of construction. Temporary stabilization is required whenever a denuded area is exposed for more than 14-days in accordance with specification section Erosion and Environmental Control.

4. Permanent Erosion and Sediment Control: Permanent Measures: Permanent measures will be placed within 14-days of preparation of area for permanent control. If permanent measures cannot be implemented with 14-days, then temporary measures will be installed until permanent measures are implemented.

5. Dredging in Jurisdictional Areas: A general sequencing of construction is listed below.

   - Install erosion and sediment control devices/ turbidity barriers prior to commencement.
   - Excavate and remove unsuitable material from site.
   - Material to be removed is peaty sands and condition should be considered saturated.
   - If excavated material is to be stockpiled on-site prior to removal, construct disposal area containment berms and control devices prior to excavation.
   - Place excavated material in containment area.
   - Monitor containment area discharges daily for turbidity and sediment. Notify Engineer and correct deficiencies upon detection.

6. Fill in Jurisdictional Areas: A general sequencing of construction is listed below.

   - Install erosion and sediment control devices/turbidity barriers prior to commencement.
   - Place fill in controlled lifts. Material to be placed neatly to prevent uncontrolled cast-off and sedimentation.
   - Fill material to be clean fine sands with not more than 10% passing a number 200 sieve or as specified on plans.
   - Install temporary or permanent vegetative stabilization as soon as practical upon completion of fill operations. For long linear areas adjacent to undisturbed wetland areas, stabilize continuously as work progresses along shoreline.
   - Maintain and monitor vegetation until establishment. Correct deficiencies immediately upon occurrence.
   - Remove erosion and sediment control devices.

7. Construction Material and Equipment Transportation: The site will be accessed by Flagler Drive and Watermark Way. No wetlands or surface waters will be affected as a result of construction

8. Dewatering: Temporary dewatering may be necessary as part of construction depending upon the time of year. If dewatering is required, the Contractor will be required to comply with all applicable regulations and obtain all required permits.

9. Wetland and Surface Water Avoidance: Wetlands to remain undisturbed will be avoided by placement of silt fences along the limits of work to form a barrier between the wetlands and construction. No surface waters are located in proximity to the site that are subject to impact by construction.

10. Demolition Plan: Not applicable. No structures exist on site.

D. RESPONSIBLE PARTIES

1. The responsible legal party for monitoring, submitting the notice of construction commencement and submitting the as-built certification for project completion is the applicant. Portions of this

work will be delegated to others for completion. The anticipated party that will be delegated the responsibility for these items is contained in the table below. The schedule for these items is contained in Table VI.1 above.

Table 9.D.1 – Responsible Parties

Description	Responsible Party
Construction Monitoring	Buchanan & Harper, Inc.
Notice of Construction Commencement	Laird Point Investors, LLC
As-built Certification	Buchanan & Harper, Inc.

A. LEGAL AUTHORIZATION

The project site and facilities are owned by a single entity. Said entity will be responsible for operation and maintenance. No easements or rights of way are necessary for access.

B. OPERATION & MAINTENANCE PLAN

An operation and maintenance plan schedule for the stormwater management system is included herein in Appendix H. The plan includes the various components of the stormwater management system and the recommended routine inspection, maintenance, and mandatory inspection schedule.

C. INSPECTIONS

An inspection log form is included herein in Appendix H for use by the facility Owner in conducting routine inspection operations.

SECTION 11 - REASONABLE ASSURANCE

The proposed design complies with the applicable criteria in AH.II Part II and, therefore, a presumption of reasonable assurance exists that the proposed development will not cause adverse impacts to on-site or off-site property. No site specific conditions exist that would negate this presumption

A. WATER QUALITY IMPACTS

The project will not cause adverse water quality impacts or water quality standard violations to receiving waters and adjacent lands. Discharge from the WMA is designed to comply with regulatory requirements for treatment. No untreated runoff will be discharged from facilities.

B. WATER QUANTITY/FLOOD IMPACTS

The project will not cause adverse water quality impacts or water quality standard violations to receiving waters and adjacent lands. Discharge from facility is designed to comply with regulatory requirements for treatment. No untreated runoff will be discharged from facilities.

C. SURFACE WATER IMPACTS

The project will not cause adverse impacts to surface waters including storage and conveyance capabilities: The proposed project does not change the point of discharge for the site or regional basin areas. The proposed project discharges to an open basin and does not reduce available storage or conveyance.

D. FLORA AND FAUNA IMPACTS

The project will not cause impacts to wetlands or surface waters that would adversely impact those functions provided to fauna and listed flora. No untreated discharges to wetlands will occur as a result of the project. No impacts to wetland hydroperiod are anticipated as a result of development. No known threatened and endangered species are located within or in proximity to the site.

E. SECONDARY IMPACTS

The project will not cause adverse secondary impacts to water resources including the maintenance of surface or ground water levels or surface water flows.

F. FUNCTION

The facilities will be capable, based on generally accepted engineering and scientific principles, of being constructed and functioning as designed and permitted.

G. LEGAL ENTITY

The facility operation will be conducted by an entity with the financial, legal, and administrative capability of ensuring that the activity will be undertaken in accordance with the terms and conditions of the permit.

H. SPECIAL REQUIREMENTS

The project complies with special basin or geographic criteria rules established in AH.II.9 and AH.II.17. The project does not use swales for treatment and is not within any applicable Sensitive Karst Area as

shown on AH.II Figure 17.0-1 or listed in Appendix A thereof.

I. IMPAIRED RECEIVING WATERS

As described in Section C.II.C.5, the receiving water is not an impaired water body and no mitigation is required for improvement of the receiving water body water quality.

J. ALTERNATE DESIGNS

The alternate design proposed as part of this project is a sand filter system. The selected sand filter system consisted of an infall structure and perforated pipe to convey water to the filter media and a separate perforated pipe to convey the filtered water to the outfall structure for final discharge from the site. The two perforated pipes are separated by the required 24 inches of filter media. The reasonable assurance is based on the similar systems currently in operation, which are 10-years and older, are still functioning.

K. FLOOD DAMAGE

Portions of the project site or areas adjacent to the site are within a FEMA identified area of special flood hazard with an identified base flood elevation. The FEMA base flood elevations exceed the 100-year, 24-hour storm event flood stages within the site. Therefore, minimum finished floor elevations within the site have been established at not less than 12-inches above the FEMA base flood elevations.

L. STORAGE AND CONVEYANCE

Floodways, floodplains, and levels of flood flows or velocities of adjacent streams, impoundments or other water courses will not be adversely impacted as a result of discharges from the project site. The peak discharges from the site are less than the pre-development flows. The receiving system is not volume constrained and the volume of water discharged is not anticipated to result in upstream or downstream flooding. Velocities of discharges from the site have been analyzed and either result in non-erodible velocities or energy dissipation devices such as rip-rap have been provided to prevent erosion.

M. LOW FLOW MAINTENANCE

The WMA facilities for the project do not impound water in excess of temporary detention storage, do not impound a stream or other water course, and will not adversely decrease or impact flows to adjacent streams, impoundments, or other watercourses. No low flow maintenance through facilities is required for the project.

N. BASE FLOW MAINTENANCE

The WMA facilities for the project do not result in adverse base flow conditions. The storage volumes within the WMA facilities have been designed in accordance with the water table requirements and no base flow maintenance through the facilities is required for the project. The WMA facilities will not have an adverse impact on water table levels or decrease flows or levels of receiving or adjacent surface water bodies.

O. DAM SAFETY

The WMA facilities for the project do not result in a dam height as measured from the downstream toe to the top of bank in excess 10-feet or in excess of 5-feet with a total storage volume in excess of 50

acre-feet.

P. FACILITIES WITHIN WETLANDS AND SURFACE WATERS

The WMA facilities for the project are not located in, on, or over wetlands or surface waters except as authorized in a wetland resource permit. Assurance for such systems is not applicable to the project.

SECTION 12 - ACCESS

A. MAINTENANCE ACCESS

1. High Maintenance Features: High maintenance features, including but not limited to, inlets, outlets, and pumps have been designed to facilitate inspection and maintenance through hatches, grates, or inspection ports.
2. Ponds: Due to the site specific nature of the facility, maintenance equipment will be able to enter the facilities and perform maintenance using the limits of the ponds as the maintenance area. No specific access area adjacent to the facility will be required.
3. Control Structures: Due to the nature of the facility, the control structure can be accessed from the pond bottom by maintenance equipment. Consequently, no additional access area is required.
4. Piped Conveyance System: An easement or right of way has been provided that meets the minimum width requirements of the width of the pipe plus 4 times the depth of the pipe below finished grade consistent with the requirements of AH.II.2.4.
5. Access Connectivity to Public Areas: An access point a minimum of 20-feet in width has been provided to the facilities from public a right of way consistent with the requirements of AH.II.2.4.

SECTION 13 - PUBLIC SAFETY

A. PONDS

The facility does not impound more than 2-feet of water. Therefore no specific fencing or side slope requirements exist for public safety consistent with the requirements of AH.II.2.6.1.

1. Side Slope Stabilization: The slopes of the facility will be stabilized with vegetation to minimize erosion of the slopes due to flow velocity and runoff..

B. CONTROL STRUCTURES

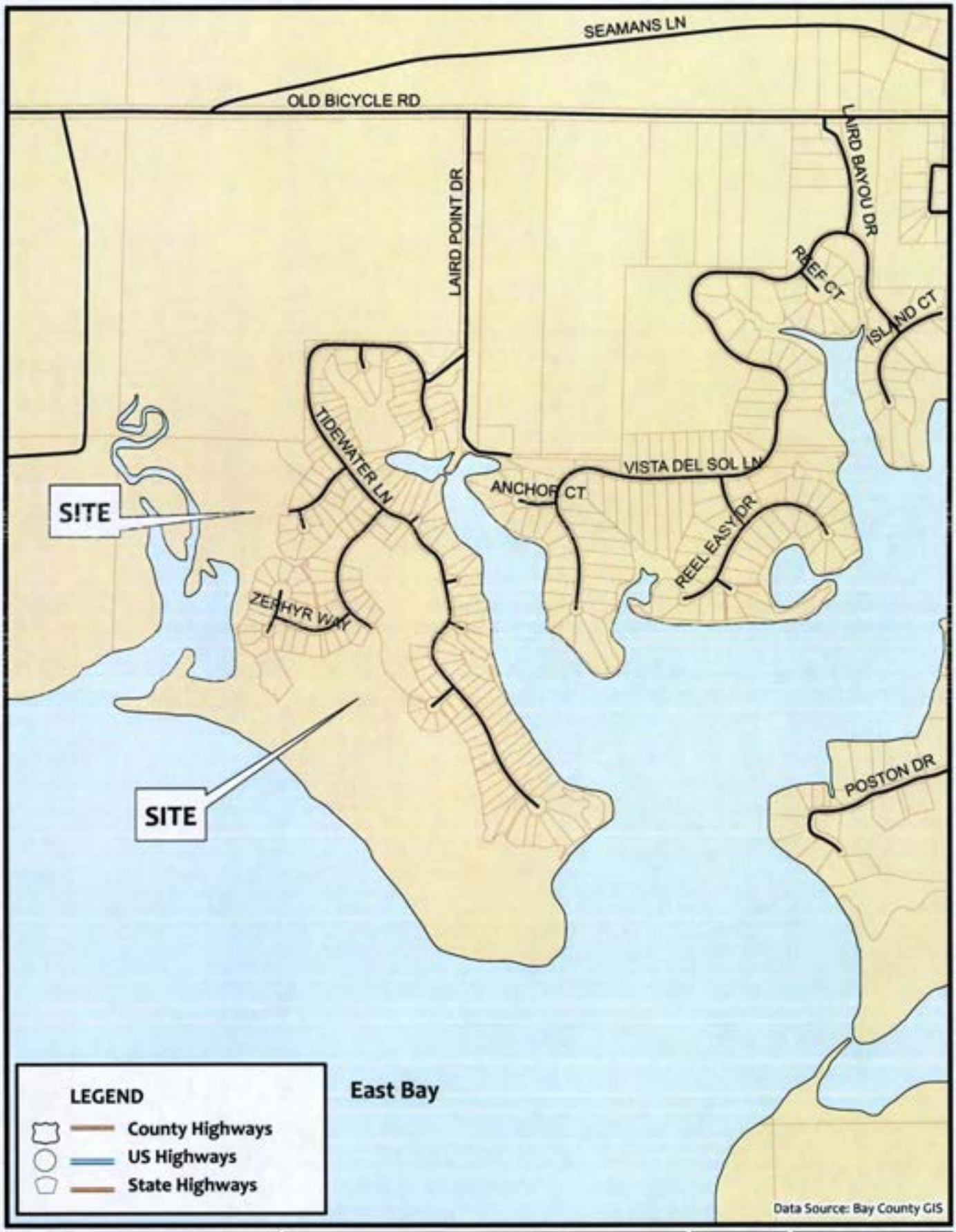
Control structures as designed will contain more than 2-feet of water during the design storm. Therefore, openings to the structure have been restricted to provide a one-foot minimum dimension consistent with the requirements of AH.II.2.6.3.

C. UNAUTHORIZED ACCESS

The WMA should not be used for in-water recreation. The WMA proposed for this development are dry retention ponds. As such, signage will not be necessary along the perimeter of the facility.

APPENDIX A - EXHIBITS

Vicinity Map ..... Exhibit 1
Parcel Map ..... Exhibit 2
2010 Aerial Photograph ..... Exhibit 3
FLUCCS ..... Exhibit 4
NRCS Soils Data ..... Exhibit 5
Topography ..... Exhibit 6
FEMA Flood Zones ..... Exhibit 7
NWI Wetlands ..... Exhibit 8
Phase 2A Predevelopment ..... Exhibit 9
Phase 2B Predevelopment ..... Exhibit 10
Post Development Major Basins ..... Exhibit 11
Post Development Major Basins ..... Exhibit 12
Basin 2A Post Development Sub-Basins ..... Exhibit 13
Basin 2B Post Development Sub-Basins ..... Exhibit 14
Basin 2C Post Development Sub-Basins ..... Exhibit 15
Surface Waters ..... Exhibit 16



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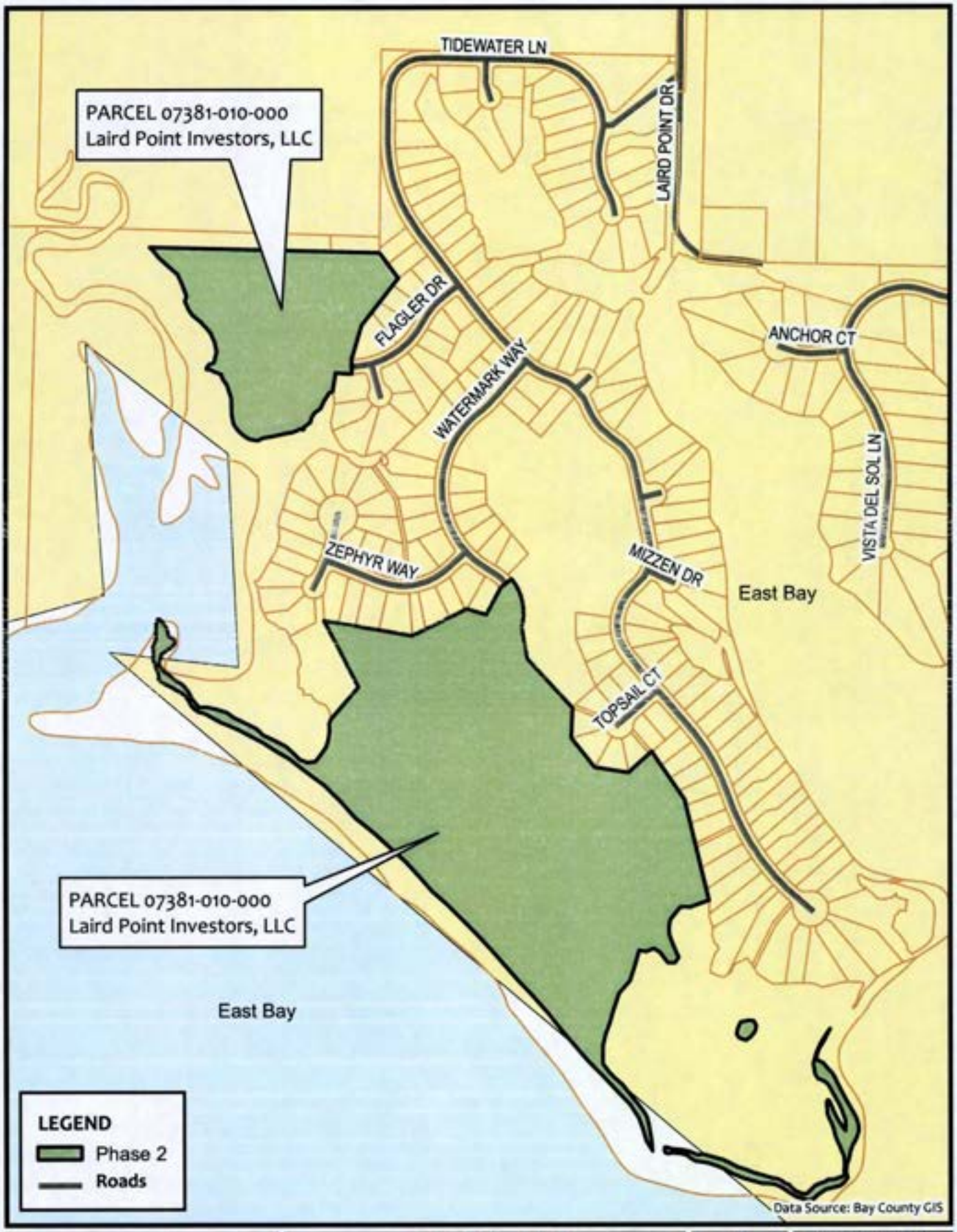
VICINITY MAP

LAIRD POINT SUBDIVISION - PHASE 2

CALLAWAY, FLORIDA

Scale: 1" = 800'
Job No.: 9682A
Date: 11/15/12
Exhibit 1



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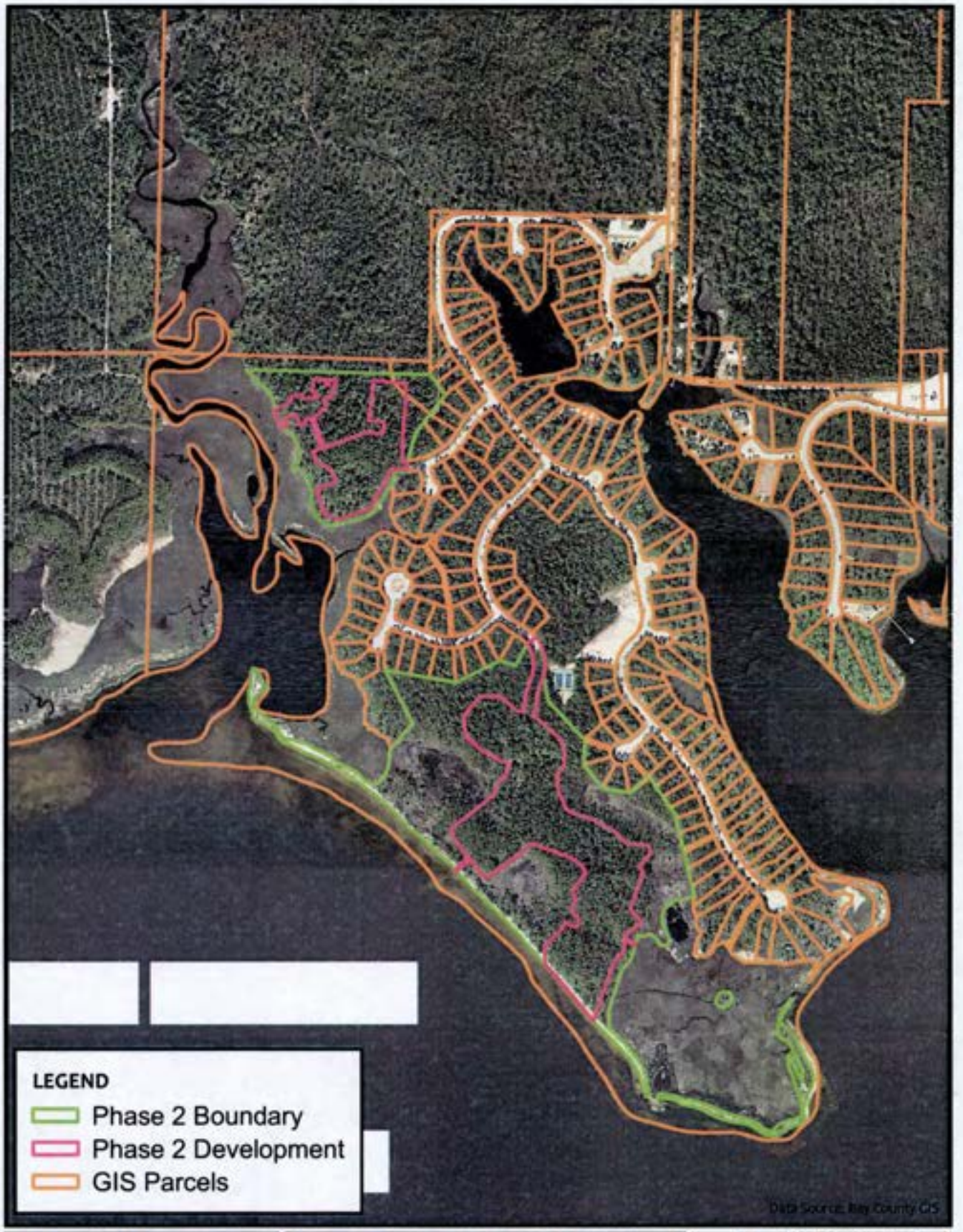
PARCEL MAP

LAIRD POINT SUBDIVISION - PHASE 2

CALLAWAY, FLORIDA

N W E S

Scale: 1" = 500'
Job No.: 9682A
Date: 11/15/12
Exhibit 2



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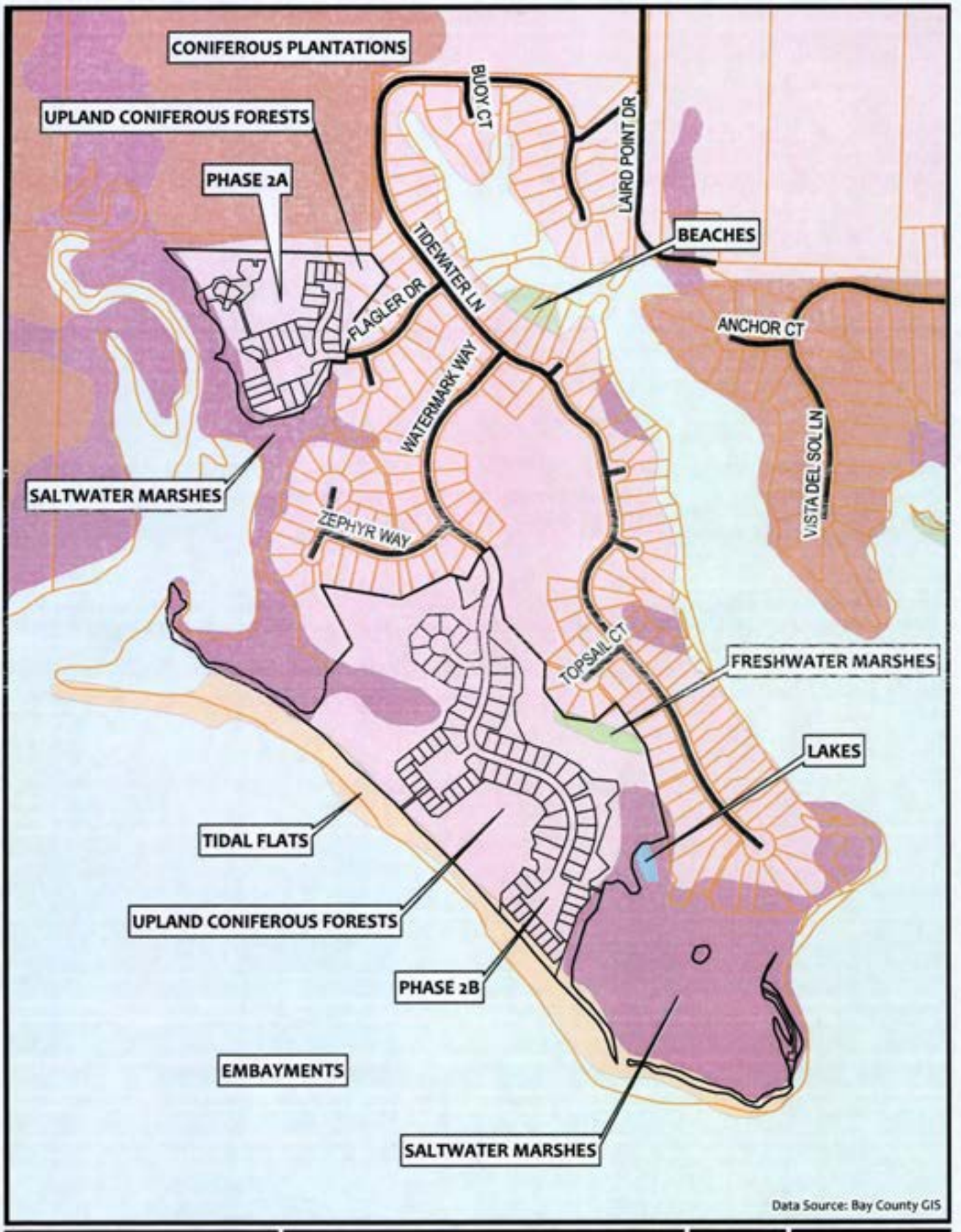
2010 AERIAL PHOTOGRAPH
LAIRD POINT SUBDIVISION - PHASE 2
CALLAWAY, FLORIDA

Scale: 1" = 700'
Job No.: 9682A
Date: 11/15/12
Exhibit 3



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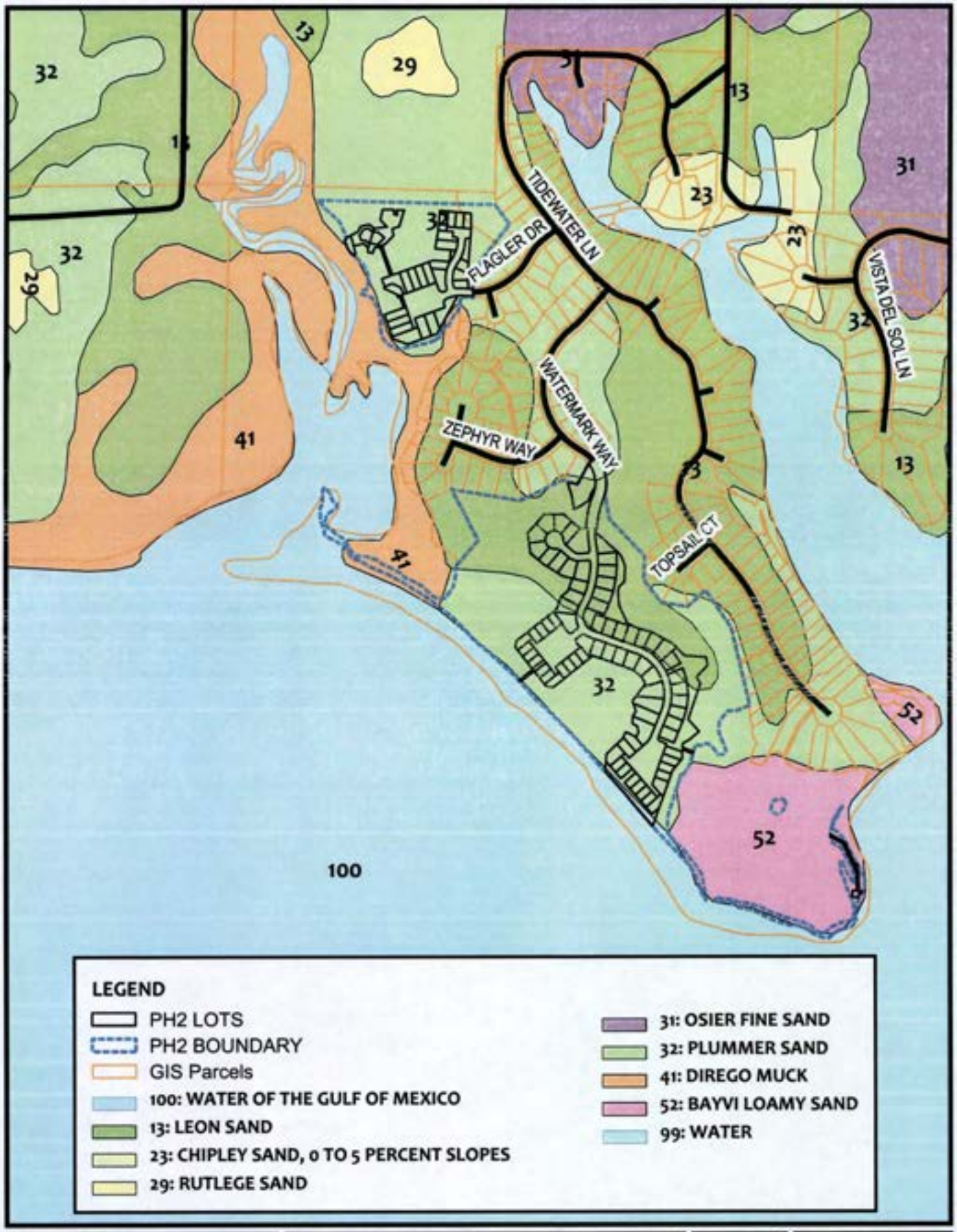
FLUCCS LAND USE

LAIRD POINT SUBDIVISION - PHASE 2

CALLAWAY, FLORIDA

Scale: 1" = 600'
Job No.: 9682A
Date: 11/15/12
Exhibit 4



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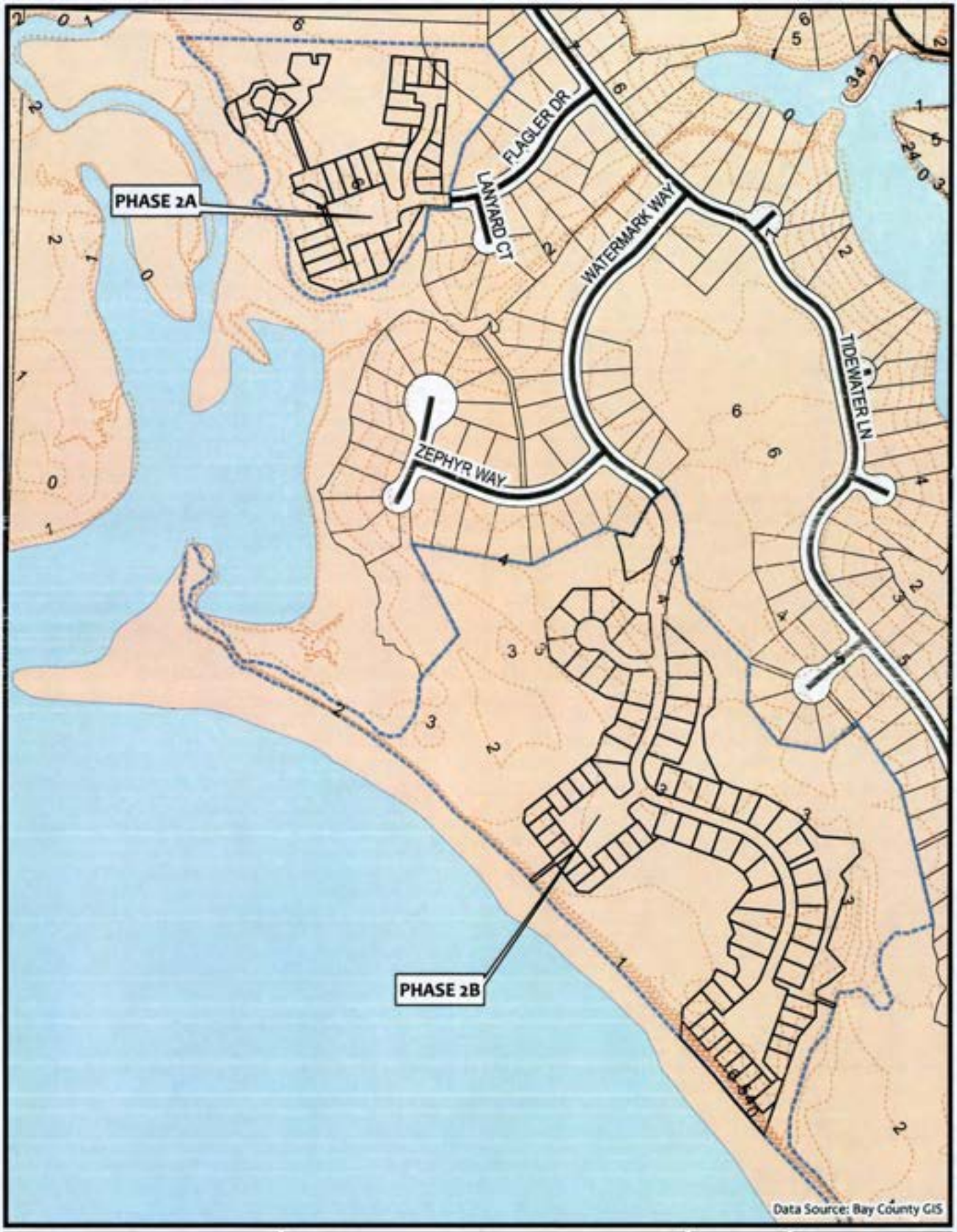
NRCS SOILS DATA

LAIRD POINT SUBDIVISION - PHASE 2

CALLAWAY, FLORIDA

Scale: 1" = 700'
Job No.: 9682A
Date: 11/15/12
Exhibit 5



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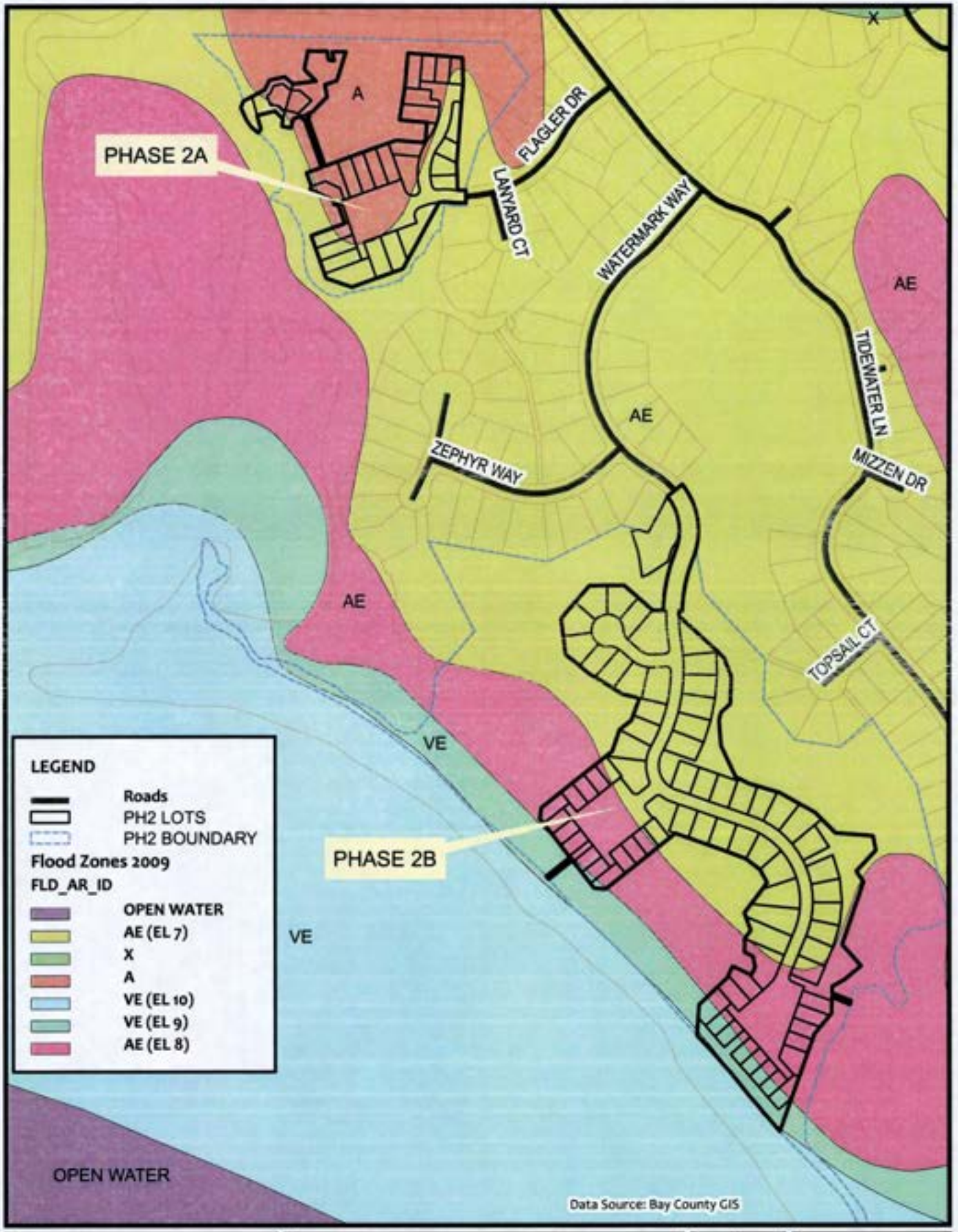
TOPOGRAPHY

LAIRD POINT SUBDIVISION - PHASE 2

CALLAWAY, FLORIDA

Scale: 1" = 600'
Job No.: 9682A
Date: 11/15/12
Exhibit 6



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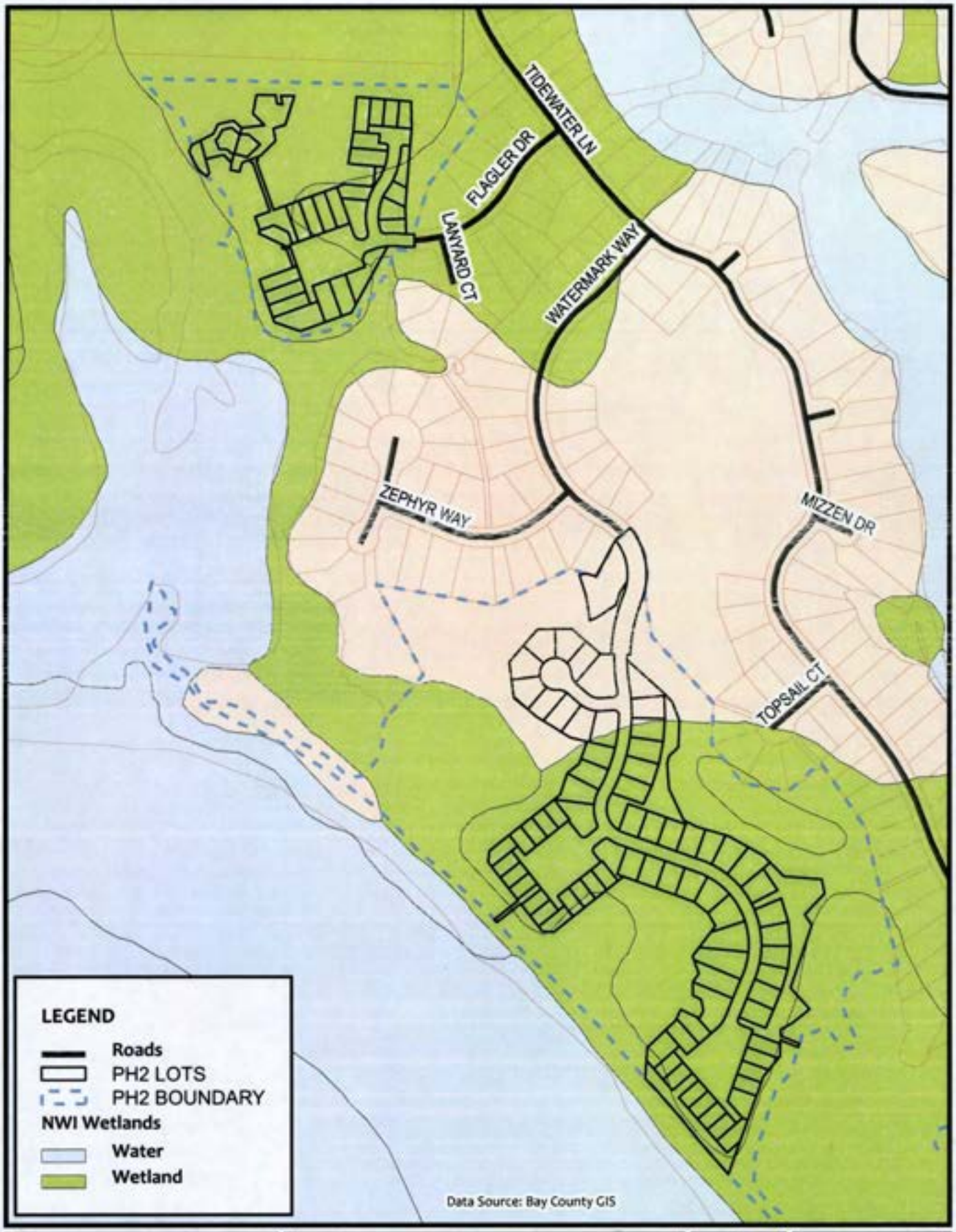
FEMA FLOOD ZONES

LAIRD POINT SUBDIVISION - PHASE 2

PANAMA CITY, FLORIDA

Scale: 1" = 400'
Job No.: 9682A
Date: 11/15/12
Exhibit 7



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NWI WETLANDS

LAIRD POINT SUBDIVISION - PHASE 2

CALLAWAY, FLORIDA

Scale: 1" = 400'
Job No.: 9682A
Date: 11/15/12
Exhibit 8

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PHASE 2A PRE-DEVELOPMENT
LAIRD POINT SUBDIVISION - PHASE 2
CALLAWAY, FLORIDA

Scale: 1" = 200'
Job No.: 9682A
Date: 11/15/12
Exhibit 9

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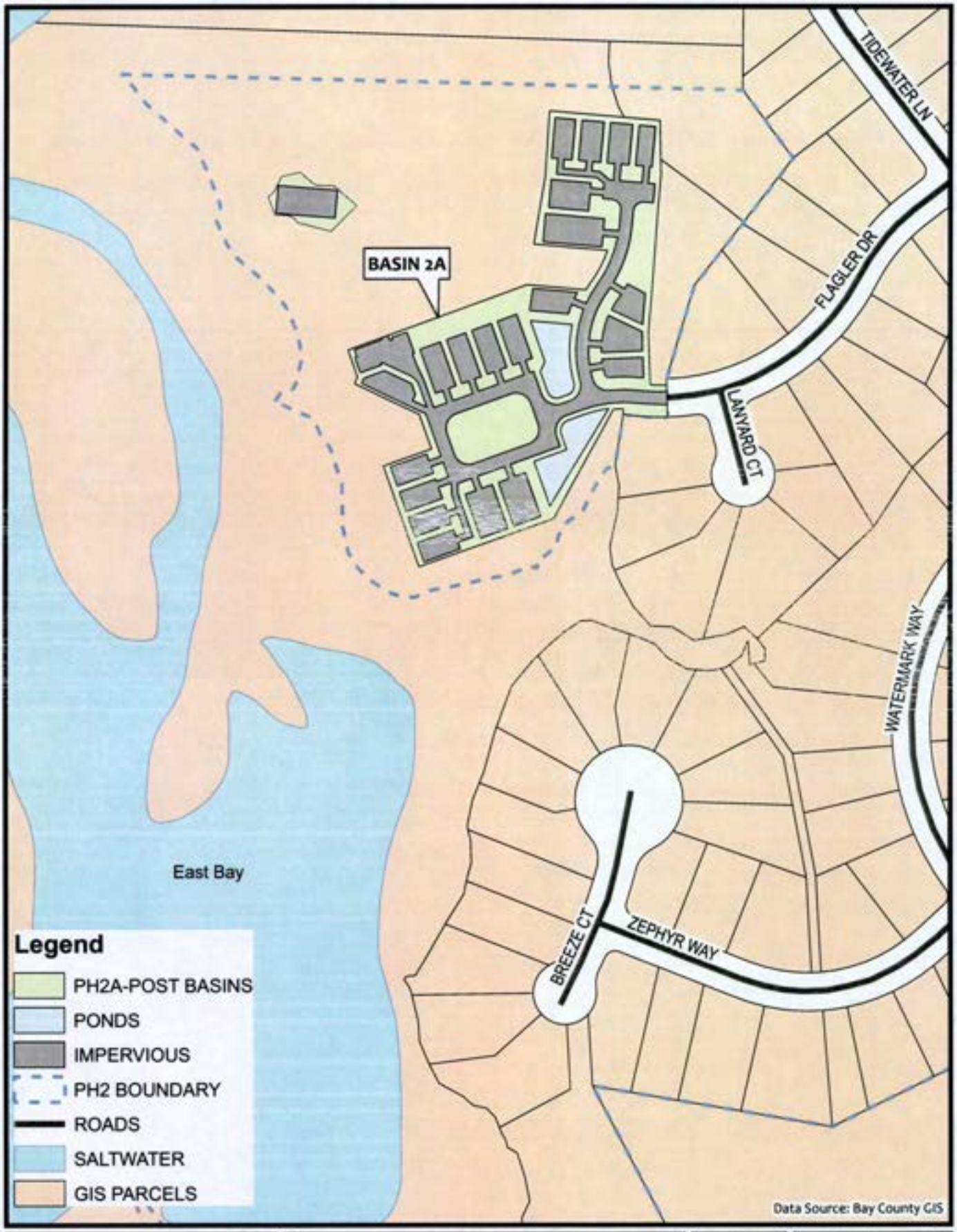
PHASE 2B PRE-DEVELOPMENT

LAIRD POINT SUBDIVISION - PHASE 2
CALLAWAY, FLORIDA

Scale: 1" = 300'
Job No.: 9682A
Date: 11/15/12
Exhibit 10



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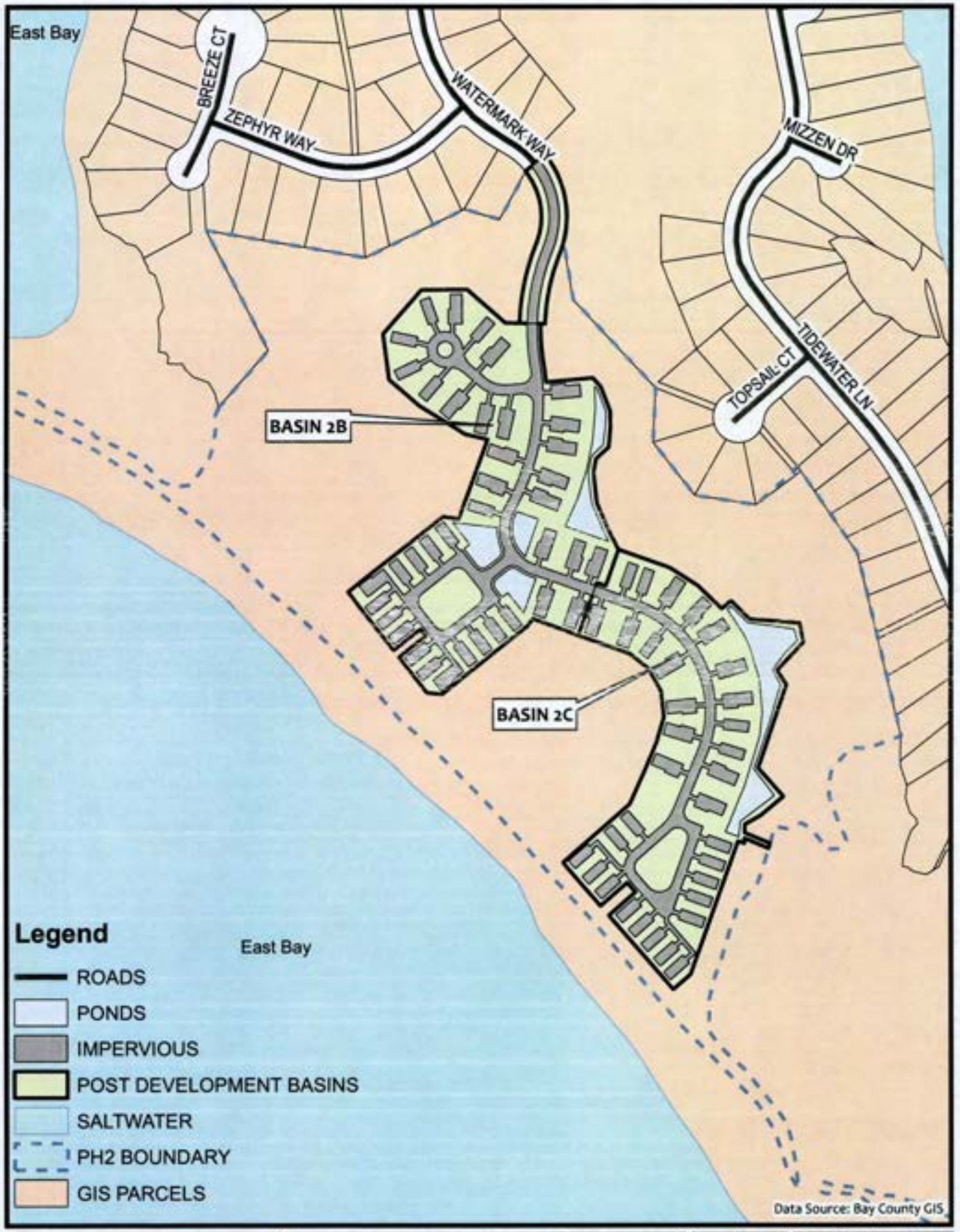
POST DEVELOPMENT BASINS
LAIRD POINT SUBDIVISION - PHASE 2
CALLAWAY, FLORIDA

N W E S

Scale: 1" = 200'
Job No.: 9682A
Date: 11/15/12
Exhibit 11



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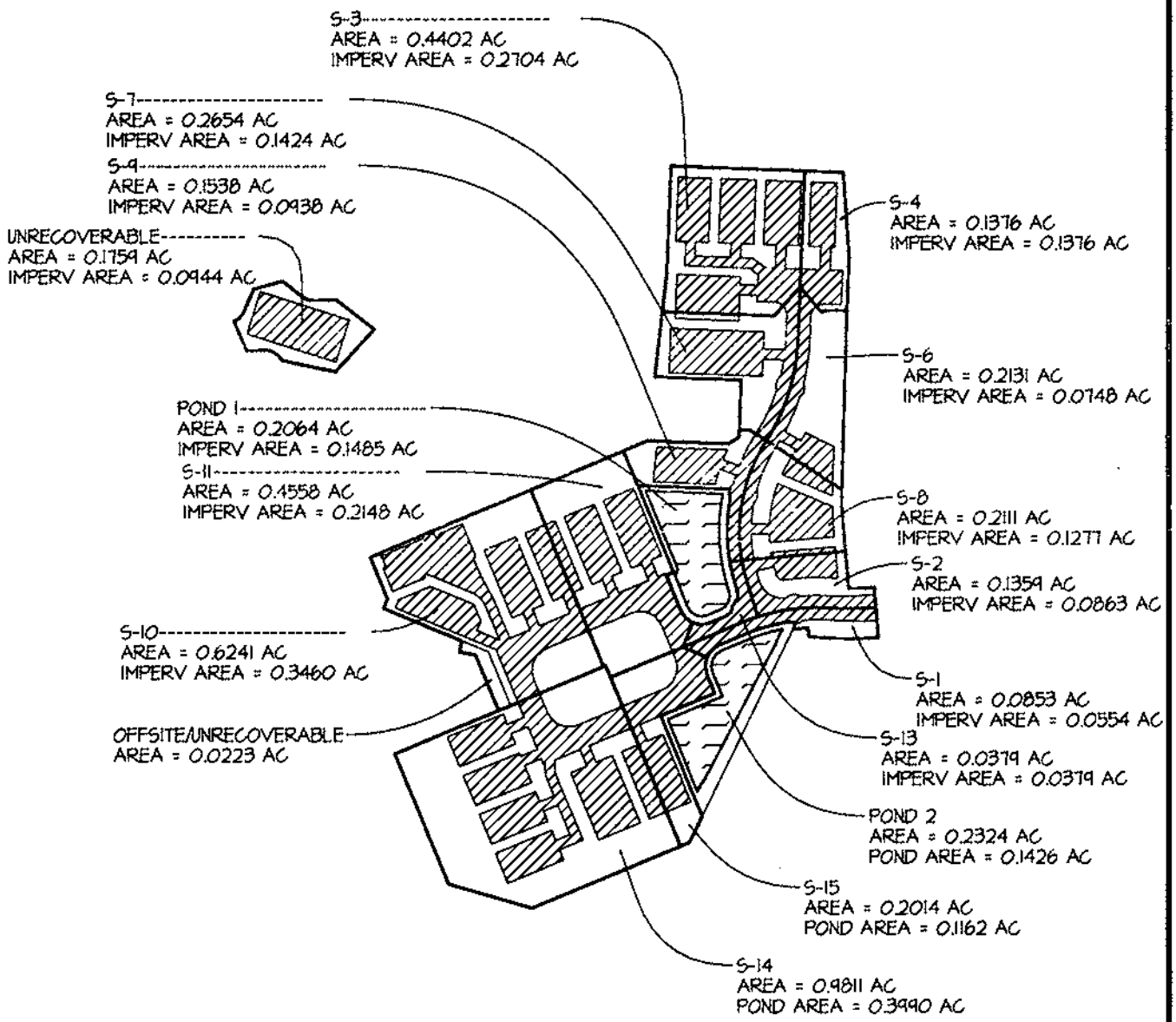
POST DEVELOPMENT BASINS
LAIRD POINT SUBDIVISION - PHASE 2
CALLAWAY, FLORIDA

Scale: 1" = 300'
Job No.: 9682A
Date: 11/15/12
Exhibit 12



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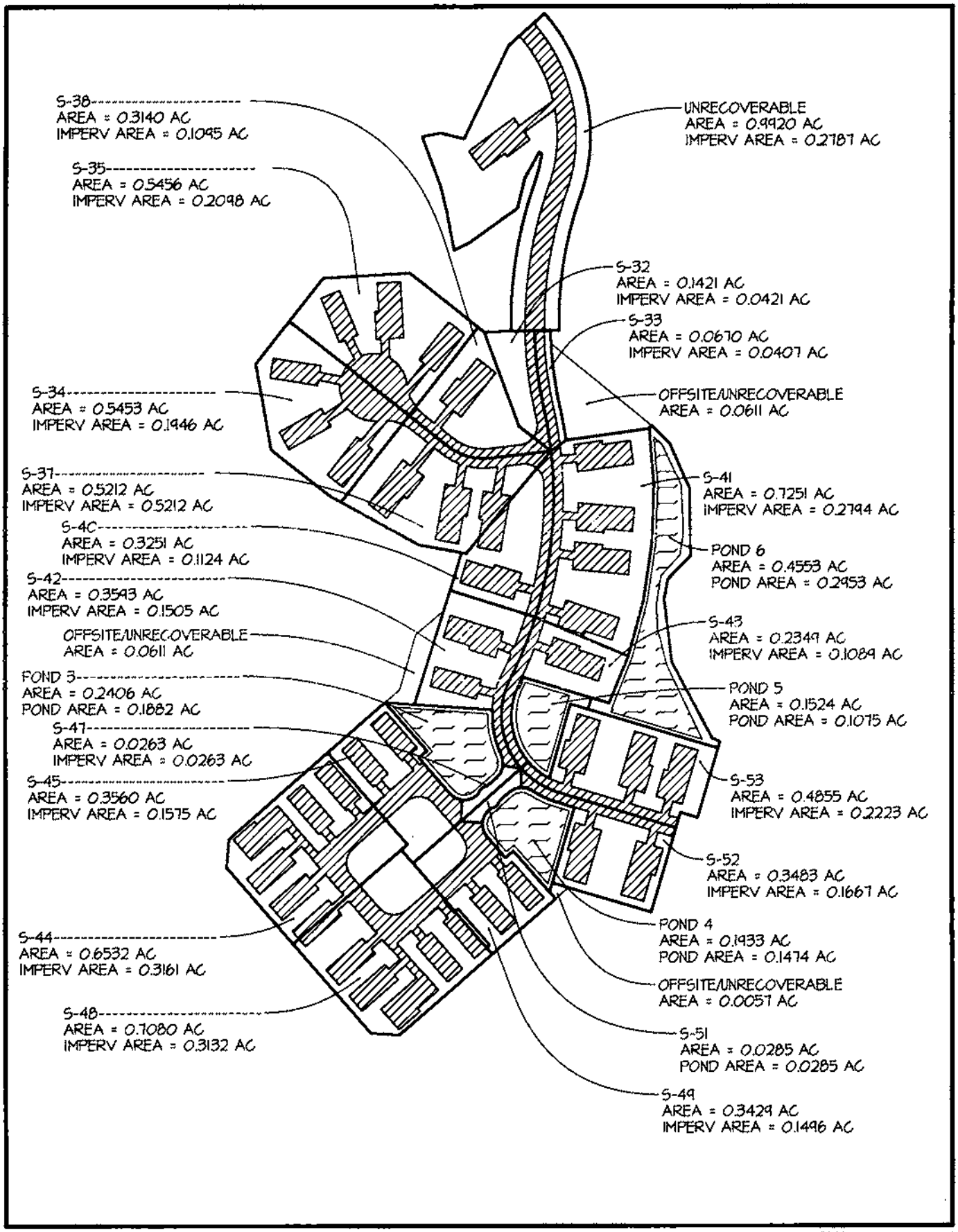
BASIN 2A POST DEVELOPMENT SUB-BASINS
LAIRD POINT SUBDIVISION - PHASE 2
CALLAWAY, FLORIDA

N
W E
S

Scale: 1" = 160'
Job No.: 9682
Date: 3/14/2013
Exhibit: 13



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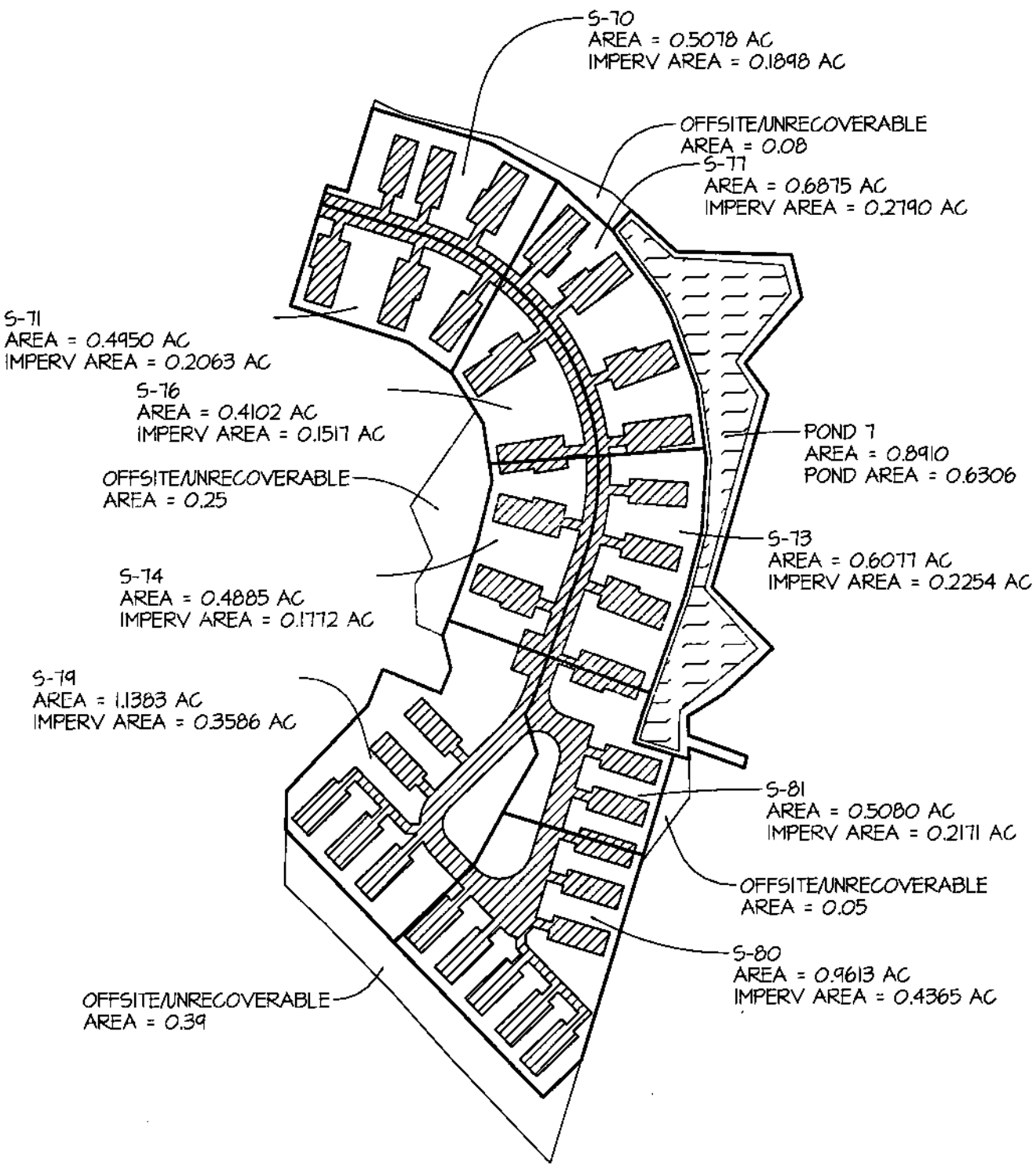
BASIN 2B POST DEVELOPMENT SUB-BASINS

LAIRD POINT SUBDIVISION - PHASE 2

CALLAWAY, FLORIDA

N
W E
S

Scale: 1" = 160'
Job No.: 9682
Date: 3/14/2013
Exhibit: 14



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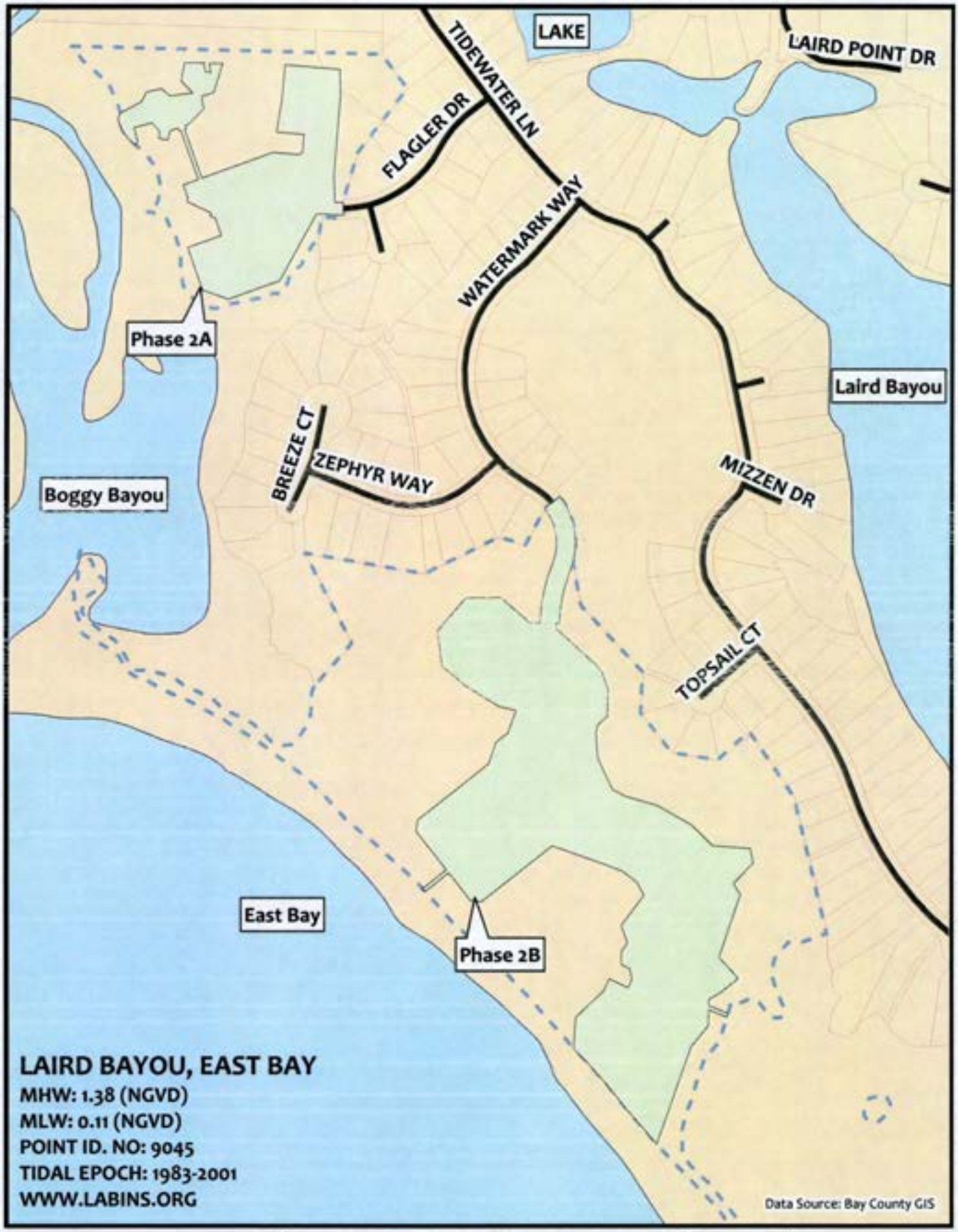
BASIN 2C POST DEVELOPMENT SUB-BASINS
LAIRD POINT SUBDIVISION - PHASE 2
CALLAWAY, FLORIDA

N
W E
S

Scale: 1" = 150'
Job No.: 9682
Date: 3/14/2013
Exhibit: 15



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SURFACE WATERS

LAIRD POINT SUBDIVISION - PHASE 2

CALLAWAY, FLORIDA

Scale: 1" = 400'
Job No.: 9682A
Date: 11/15/12
Exhibit 16

- Geotechnical Pavement Report, Southern Earth Sciences, 06/08/2007.
- Supplemental Geotechnical Report, Southern Earth Sciences, 08/02/2007.
- Supplemental Geotechnical Report, Southern Earth Sciences, 09/24/2007.

APPENDIX C – PREDEVELOPMENT DATA SHEETS

- Basin Data
- Basin Runoff Characteristics
- Time of Concentration

PRE-DEVELOPMENT ANALYSIS BASIN DATA

Basin	Total Area (ac)	CCN	Time of Concentration (Min.)	Tributary to Node
Predevelopment 2A	4.557	77.0	12	N/A
Predevelopment 2B	8.867	77.0	20	N/A
Predevelopment 2C	7.458	77.0	21	N/A
Total	20.881			

Notes:
1. Predevelopment condition consists of a multiple predevelopment basins that includes both onsite and offsite area.

PRE-DEVELOPMENT ANALYSIS BASIN RUNOFF CHARACTERISTICS

Land Cover:	Wooded, Good Condition per NEH Part 630, Table 9.	Runoff Curve Numbers (CN)							
		HSG A:	30	HSG B:	55	HSG C:	70	HSG D:	77

2A Basin	Total Area (ac)	HSG A		HSG B		HSG C		HSG D		Water		CCN
		Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	
On-Site	4.557	-	30	-	55	-	70	4.557	77	-	100	77.0
Off-Site	-	-	30	-	55	-	70	-	77	-	100	N/A
Totals	4.557									Average CN:		77

2B Basin	Total Area (ac)	HSG A		HSG B		HSG C		HSG D		Water		CCN
		Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	
On-Site	8.867	-	30	-	55	-	70	8.867	77	-	100	77.0
Off-Site	-	-	30	-	55	-	70	-	77	-	100	N/A
Totals	8.867									Average CN:		77

2C Basin	Total Area (ac)	HSG A		HSG B		HSG C		HSG D		Water		CCN
		Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	
On-Site	7.458	-	30	-	55	-	70	7.458	77	-	100	77.0
Off-Site	-	-	30	-	55	-	70	-	77	-	100	N/A
Totals	7.458									Average CN:		77

Notes:

1. Predevelopment condition consists of three predevelopment basins that includes both onsite and offsite area.
2. The predevelopment areas are the total upland area within the development.

Time of Concentration by Flow Length and Slope

Drainage Basin: **2A**
Land Cover: **Wooded - Low Storage**

Length	Slope (S)	Total Length	Velocity FPM	Time (Minutes)
166.32	0.71%	166.32	28.6	5.8
64.77	0.75%	231.09	28.8	2.2
90.91	0.58%	322.00	27.7	3.3
28.61	4.03%	350.61	43.0	0.7
350.61	Total Length		Total Time:	12

Drainage Basin: **2B**
Land Cover: **Wooded - Low Storage**

Length	Slope (S)	Total Length	Velocity FPM	Time (Minutes)
20.13	0.21%	20.13	25.3	0.8
113.03	0.68%	113.03	28.3	4.0
147.63	0.12%	147.63	24.6	6.0
78.86	0.58%	78.86	27.7	2.8
75.62	1.32%	75.62	32.0	2.4
70.72	0.62%	146.34	28.0	2.5
28.53	0.74%	174.87	28.7	1.0
534.52	Total Length		Total Time:	20

Drainage Basin: **2C**
Land Cover: **Wooded - Low Storage**

Length	Slope (S)	Total Length	Velocity FPM	Time (Minutes)
29.67	0.49%	29.67	27.2	1.1
86.18	0.05%	86.18	24.2	3.6
72.35	0.05%	72.35	24.1	3.0
66.47	0.61%	66.47	27.9	2.4
91.30	0.07%	91.30	24.3	3.8
69.99	0.13%	161.29	24.7	2.8
72.52	0.53%	233.81	27.4	2.6
38.02	0.08%	199.31	24.4	1.6
526.50	Total Length		Total Time:	21

Overland Flow for 300 Feet or less in Flow Length

Velocity based on Figure 5-19 for Wooded - Low Storage as contained in FDOT Hydrology Drainage Handbook 2012 using 4th order polynomial curve fit equation with $R^2 = 1.000$.

Velocity = $0.0063S^4 - 0.0606S^3 - 0.2431S^2 + 5.5529S + 19.503$

Overland Flow for Flow Length greater than 300 Feet

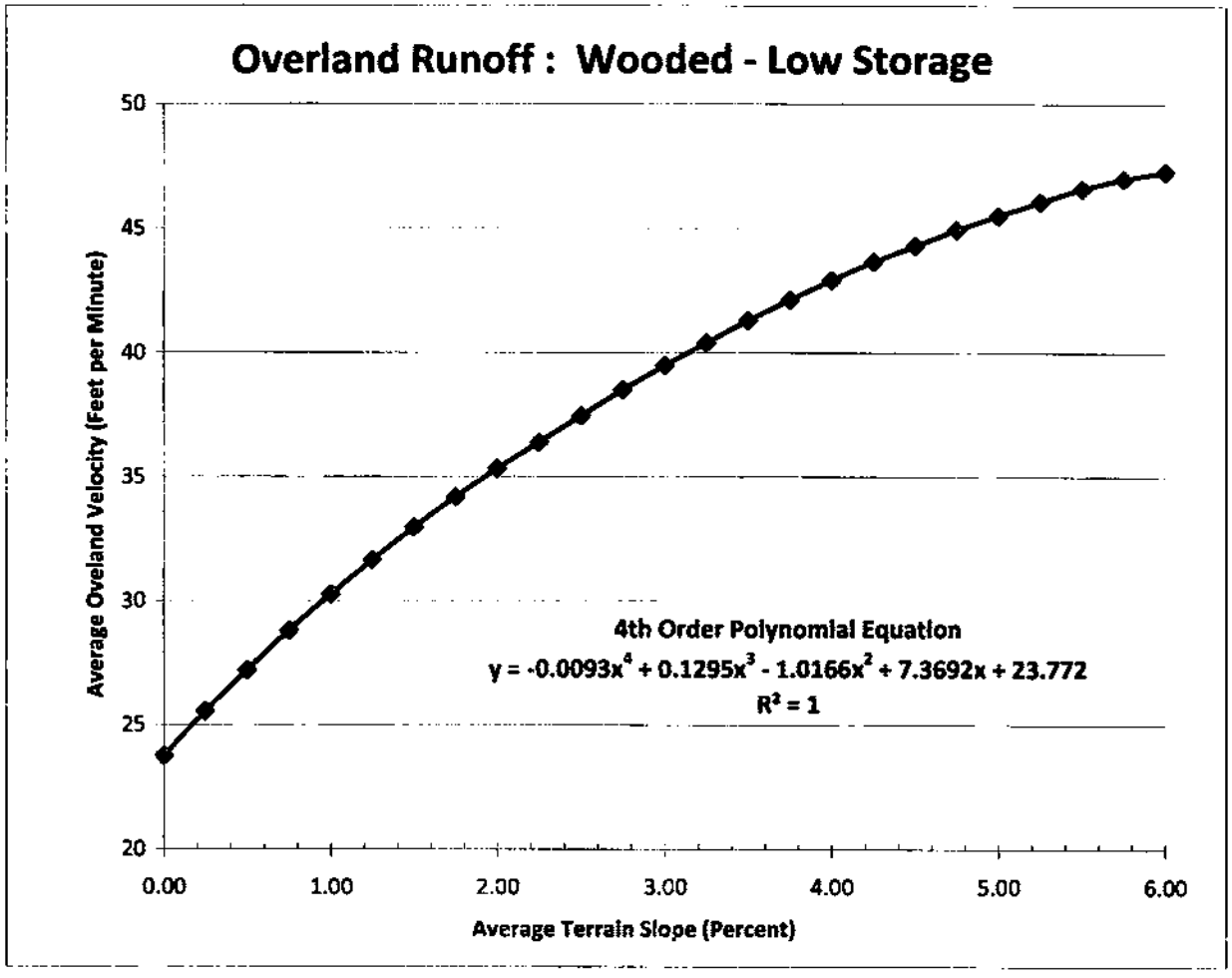
Velocity based on Equation 5 as contained in FDOT Hydrology Drainage Handbook 2012.

Velocity = $kS^{0.5}$, where k = 1.61 for rills (shallow concentrated flow, unpaved)

FDOT Figure 5-19 Overland Flow

Table 1: Wooded - Low Storage

Average Slope %	Average Overland Velocity (FPM)
0.00	23.7605
0.25	25.5574
0.50	27.2013
0.75	28.7994
1.00	30.2542
1.25	31.6415
1.50	32.9496
1.75	34.1784
2.00	35.3279
2.25	36.385
2.50	37.442
2.75	38.4888
3.00	39.4768
3.25	40.4149
3.50	41.3134
3.75	42.1326
4.00	42.9254
4.25	43.6688
4.50	44.3127
4.75	44.9586
5.00	45.5312
5.25	46.0965
5.50	46.625
5.75	47.0214
6.00	47.312



Note: Velocity determined from Figure 5-19 for each 0.25% slope step as taken from terramodel file T:\Data\Storm\FDOT Fig 5-19 Overland Runoff.pro.

BASIN 2A

- Basin Data
- Runoff Characteristics
- Node Data
- Inlet Sizing
- Link Data
- Retention Treatment Volume Analysis
- Pond Data
- Pond 2 Sand Filter Rating Curve
- Pond 2 Filter Screen Rating Curve
- Pond 2 Filter Grain Size Distribution

BASIN 2B

- Basin Data
- Runoff Characteristics
- Node Data
- Inlet Sizing
- Link Data
- Retention Treatment Volume Analysis
- Pond Data
- Pond 6 Sand Filter Rating Curve
- Pond 6 Filter Screen Rating Curve
- Pond 6 Filter Grain Size Distribution

BASIN 2C

- Basin Data
- Runoff Characteristics
- Node Data
- Inlet Sizing
- Link Data
- Retention Treatment Volume Analysis
- Pond Data
- Pond 7 Sand Filter Rating Curve
- Pond 7 Filter Screen Rating Curve
- Pond 7 Filter Grain Size Distribution

BASIN 2A

BASIN 2A POSTDEVELOPMENT ANALYSIS BASIN DATA

Basin	Total Area (ac)	CCN	Time of Concentration (Min.)	Tributary to Node
B-1	0.085	89.5	10	S-1
B-2	0.136	89.2	10	S-2
B-3	0.440	88.7	10	S-3
B-4	0.138	86.8	10	S-4
B-6	0.213	83.6	10	S-6
B-7	0.265	88.0	10	S-7
B-8	0.211	88.5	10	S-8
B-9	0.154	88.7	10	S-9
B-10	0.624	87.4	10	S-10
B-11	0.456	85.3	10	S-11
B-13	0.038	98.0	10	S-13
B-14	0.981	83.8	10	S-14
B-15	0.201	87.8	10	S-15
Pond 1	0.206	92.7	10	Pond 1/S-12
Pond 2	0.232	90.0	10	Pond 2/S-16
UNRECOVERABLE	0.176	0.0	10	N/a
Totals	4.557			

Notes:

1. Basins numbered for consistency with structures rather than in sequence.
2. CCN - Composite Curve Number.
3. Basin B-25 is un-recoverable area from lots 182 & 183.

BASIN 2A POSTDEVELOPMENT ANALYSIS RUNOFF CHARACTERISTICS

Basin	Total Area (ac)	Impervious Area		Pervious Area		Undeveloped Area		Pond Area		CCN
		Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	
Basin 1 by Onsite/Offsite Area										
Onsite	4.382	2.045	98	1.903	74	0.143	77	0.291	100.0	87.0
Unrecoverable	0.176	-	-	0.176	-	-	77	-	-	-
Totals	4.557	2.045	98	2.079	68	0.143	-	0.291	-	
WMA Tributary Area										
B-1	0.0853	0.055	98	0.030	74	-	77	-	-	89.5
B-2	0.1359	0.086	98	0.050	74	-	77	-	-	89.2
B-3	0.4402	0.270	98	0.170	74	-	77	-	-	88.7
B-4	0.1376	0.074	98	0.064	74	-	77	-	-	86.8
B-6	0.2131	0.074	98	0.046	74	0.094	77	-	-	83.6
B-7	0.2654	0.152	98	0.090	74	0.024	77	-	-	88.0
B-8	0.2111	0.127	98	0.084	74	-	77	-	-	88.5
B-9	0.1538	0.094	98	0.057	74	0.003	77	-	-	88.7
B-10	0.6241	0.346	98	0.256	74	0.022	77	-	-	87.4
B-11	0.4558	0.214	98	0.241	74	-	77	-	-	85.3
B-13	0.0379	0.038	98	-	74	-	77	-	-	98.0
B-14	0.9811	0.399	98	0.582	74	-	77	-	-	83.8
B-15	0.2014	0.116	98	0.085	74	-	77	-	-	87.8
Pond 1	0.2064	-	98	0.058	74	-	77	0.1485	100	92.7
Pond 2	0.2324	-	98	0.090	74	-	77	0.1426	100	90.0
Totals	4.382	2.045		1.903		0.143		0.291		

Notes:

1. Development results is mass grading and significant fill (±4') over the entire site.
2. Due to mass grading and fill, undeveloped site HSG of D not representative in postdevelopment condition. For postdevelopment, assumed HSG of C.
3. Onsite developed pervious area CN of 74 based on Open Space (lawns, etc.) land cover, good condition, and HSG C per NEH Part 630 Table 9-5.
4. Offsite developed pervious area CN of 80 based on Open Space (lawns, etc.) land cover, good condition, and HSG D per NEH Part 630 Table 9-5.
5. Pond CN area based on normal water level.

BASIN 2A POSTDEVELOPMENT ANALYSIS NODE DATA

Node	Initial Stage (Ft)	Warning Stage (Ft)	Grate Elev (Ft)	Invert Elev (Ft)	Natural Basin Storage												Tributary Basins
					Item 1		Item 2		Item 3		Item 4		Item 5		Item 6		
					Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	
S-1	2.50	5.86	5.86	2.00	-	-	-	-	-	-	-	-	-	-	-	-	B-1
S-2	2.50	5.86	5.86	1.00	-	-	-	-	-	-	-	-	-	-	-	-	B-2
S-3	2.50	6.14	6.14	1.45	-	-	-	-	-	-	-	-	-	-	-	-	B-3
S-4	2.50	6.14	6.14	1.45	-	-	-	-	-	-	-	-	-	-	-	-	B-4
S-5	2.50	7.00	7.00	0.90	-	-	-	-	-	-	-	-	-	-	-	-	n/a
S-6	2.50	5.95	5.95	2.00	-	-	-	-	-	-	-	-	-	-	-	-	B-6
S-7	2.50	5.95	5.95	0.10	-	-	-	-	-	-	-	-	-	-	-	-	B-7
S-8	2.50	5.95	5.95	2.00	-	-	-	-	-	-	-	-	-	-	-	-	B-8
S-9	2.50	5.95	5.95	-0.70	-	-	-	-	-	-	-	-	-	-	-	-	B-9
S-10	2.50	6.15	6.15	2.00	-	-	-	-	-	-	-	-	-	-	-	-	B-10
S-11	2.50	6.16	6.16	0.75	-	-	-	-	-	-	-	-	-	-	-	-	B-11
S-13	2.50	6.00	6.00	-1.75	-	-	-	-	-	-	-	-	-	-	-	-	B-13
S-14	2.50	6.15	6.15	2.00	-	-	-	-	-	-	-	-	-	-	-	-	B-14
S-15	2.50	6.35	6.35	1.00	-	-	-	-	-	-	-	-	-	-	-	-	B-15
Pond 1/S-12	2.50	5.50	4.00	-1.50	-	-	4.00	4,445	4.50	5,087	5.00	5,761	5.50	6,468	-	-	Pond 1
Pond 2/S-16	2.50	5.50	3.50	-2.00	3.50	3,205	4.00	3,871	4.50	4,570	5.00	5,206	5.50	6,210	-	-	Pond 2

BASIN 2A POSTDEVELOPMENT INLET SIZING

Node	Grate Elev (Ft)	Tributary Basins	Tributary Area (Ac)	Impervious Area		Pervious Area		Runoff Coefficient (C)	TOC (Min)	Intensity (In/Hr)	Inlet Flow (CFS)	Standard Inlet Type
				Area (Ac)	C	Area (Ac)	C					
S-1	5.86	B-1	0.085	0.055	0.95	0.030	0.3	0.72	10	8.1	0.50	Type C
S-2	5.86	B-2	0.136	0.086	0.95	0.050	0.3	0.71	10	8.1	0.78	Type C
S-3	6.14	B-3	0.440	0.270	0.95	0.170	0.3	0.70	10	8.1	2.49	Type C
S-4	6.14	B-4	0.138	0.074	0.95	0.064	0.3	0.65	10	8.1	0.72	Type C
S-6	5.95	B-6	0.213	0.074	0.95	0.046	0.3	0.39	10	8.1	0.68	Type C
S-7	5.95	B-7	0.265	0.152	0.95	0.090	0.3	0.64	10	8.1	1.38	Type C
S-8	5.95	B-8	0.211	0.127	0.95	0.084	0.3	0.69	10	8.1	1.18	Type C
S-9	5.95	B-9	0.154	0.094	0.95	0.057	0.3	0.69	10	8.1	0.86	Type C
S-10	6.15	B-10	0.624	0.346	0.95	0.256	0.3	0.65	10	8.1	3.28	Type C
S-11	6.15	B-11	0.456	0.214	0.95	0.241	0.3	0.61	10	8.1	2.24	Type C
S-13	6.00	B-13	0.038	0.038	0.95	0.000	0.3	0.95	10	8.1	0.29	Type C
S-14	6.15	B-14	0.981	0.399	0.95	0.582	0.3	0.56	10	8.1	4.48	Type D
S-15	6.35	B-15	0.201	0.116	0.95	0.085	0.3	0.68	10	8.1	1.10	Type C

Inlet	Grate Capacity Option A (CFS)	Grate Capacity Option B (CFS)
Type A	7	4
Type B	16	6
Type C	5	4
Type D	14	6
Type E	10	6
Type H	15	7
Type F	9	5
Type G	23	7
Type J	9	4

Notes:
Grate Capacity based on FDOT Std Index 229.
Flow condition A based on orifice flow with 3" water depth, 50% grate blockage.
Flow Condition B based on weir flow with 3" water depth.

BASIN 2A POSTDEVELOPMENT ANALYSIS LINK DATA

Pipe Data

Name	From Node	To Node	Pipe Dia (In)	Count	Length (Ft)	US Invert	DS Invert	N	Inlet Loss	Exit Loss	DS Defl. Angle	Bend Loss
L-1	S-1	S-2	15	1	24.25	2.00	1.00	0.012	0.20	1.000	90°	0.70
L-2	S-2	S-13	15	1	58.94	1.00	0.00	0.012	0.20	1.000	90°	0.70
L-3	S-3	S-5	15	1	39.18	1.45	1.15	0.012	0.20	1.000	90°	0.70
L-4	S-4	S-5	15	1	39.18	1.45	1.15	0.012	0.20	1.000	75°	0.64
L-5	S-5	S-7	18	1	82.53	0.90	0.60	0.012	0.20	1.000	10°	0.21
L-6	S-6	S-7	15	1	24.27	2.00	0.60	0.012	0.20	1.000	90°	0.70
L-7	S-7	S-9	24	1	116.69	0.10	-0.20	0.012	0.20	1.000	0°	0.00
L-8	S-8	S-9	15	1	24.25	2.00	0.55	0.012	0.20	1.000	80°	0.66
L-9	S-9	Pond 1	30	1	79.04	-0.70	-1.00	0.012	0.20	1.000	60°	0.55
L-10	S-10	S-11	15	1	180.60	2.00	1.00	0.012	0.20	1.000	0°	0.00
L-11	S-11	Pond 1	18	1	39.68	0.75	0.00	0.012	0.20	1.000	70°	0.62
L-12	Pond 1	S-13	36	1	53.44	-1.50	-1.75	0.012	0.20	1.000	30°	0.28
L-13	S-13	Pond 2	36	1	73.18	-1.75	-2.00	0.012	0.20	1.000	90°	0.70
L-14	S-14	S-15	15	1	180.60	2.00	1.00	0.012	0.20	1.000	0°	0.00
L-15	S-15	Pond 2	18	1	34.96	0.75	-0.50	0.012	0.20	1.000	0°	0.00

Outfall Structure Data

Description	Weir 1	Weir2	
Structure Type	Type C Infall	Earthen Berm	-
Primary Weir Type	Vertical Rectangular	Vertical Rectangular	-
Primary Weir Elevation	3.25 Feet	4.80 Feet	-
Primary Weir Span	24 Inches	150 Feet (1800 Inches)	-
Primary Weir Rise	N/A	N/A	-

BASIN 2A POSTDEVELOPMENT DETENTION TREATMENT VOLUME ANALYSIS

General Worksheet Notes

This worksheet provides the facility volume and treatment volume calculations for the proposed treatment water management areas.

Runoff Coefficents use in Analysis

Impervious Area C:	0.95
Developed Pervious Area C:	0.30
Undeveloped Pervious Area C:	0.20
Pond Area C:	0.30

WMA Tributary Area

Basin	Total Tributary Area									
	Total Area	Impervious Area		Pervious Area		Undeveloped Area		Pond Area		CC
	(ac)	Area (Ac)	C	Area (Ac)	C	Area (Ac)	C	Area (Ac)	C	
1	0.0853	0.055	0.95	0.0303	0.30	0	0.20	0	0.30	0.72
2	0.1359	0.0863	0.95	0.0496	0.30	0	0.20	0	0.30	0.71
3	0.4402	0.2704	0.95	0.1698	0.30	0	0.20	0	0.30	0.70
4	0.1376	0.0735	0.95	0.0641	0.30	0	0.20	0	0.30	0.65
6	0.2131	0.0735	0.95	0.0459	0.30	0.0937	0.20	0	0.30	0.48
7	0.2654	0.1515	0.95	0.09	0.30	0.0239	0.20	0	0.30	0.66
8	0.2111	0.1273	0.95	0.0838	0.30	0	0.20	0	0.30	0.69
9	0.1538	0.0938	0.95	0.0573	0.30	0.0027	0.20	0	0.30	0.69
10	0.6241	0.346	0.95	0.2558	0.30	0.0223	0.20	0	0.30	0.66
11	0.4558	0.2144	0.95	0.2414	0.30	0	0.20	0	0.30	0.61
13	0.0379	0.0379	0.95	0	0.30	0	0.20	0	0.30	0.95
14	0.9811	0.399	0.95	0.5821	0.30	0	0.20	0	0.30	0.56
15	0.2014	0.1162	0.95	0.0852	0.30	0	0.20	0	0.30	0.68
Unrecoverable	0.1759	0	0.95	0.176	0.30	0	0.20	0	0.30	0.30
Pond 1	0.2064	0	0.95	0.0579	0.30	0	0.20	0.1485	0.30	0.30
Pond 2	0.2324	0	0.95	0.0898	0.30	0	0.20	0.1426	0.30	0.30
Subtotal	4.557	2.045		2.079		0.143		0.291		0.59

Total Basin Area = 4.557 Acres

Compostite Runoff Coefficent (C) = 0.59

BASIN 2A POSTDEVELOPMENT DETENTION TREATMENT VOLUME ANALYSIS

Treatment Type

Proposed Treatment Method: Detention with Filtration

Required Treatment Volume: 1st 1/2" or Runoff or 1st 1" of Rainfall, whichever is greater.

OFW Additional Treatment Volume: NO

Runoff Treatment Volume (1" of Rainfall)

Treatment Volume (1"xCA) =	0.224	AF		
OFW Treatment Volume (+50%) =	-	AF		
Total Rqd. Treatment Volume =	0.224	AF =	9,736	CF

Rainfall Treatment Volume (1/2" of Runoff)

Treatment Volume (1/2"xA) =	0.190	AF		
OFW Treatment Volume (+50%) =	-	AF		
Total Rqd. Treatment Volume =	0.190	AF =	8,272	CF

Rqd. Treatment Volume =	9,736	CF
Rqd. Top of Treatment Volume =	4.74	Feet
Design Top of Treatment Volume =	4.80	Feet
Design Treatment Volume =	10,389	CF

Pond Data

Pond Side Slopes =	Varies				
Pond 1 Normal Water Level =	4.00	Ft, NGVD	Area =	4445	sf
Pond 2 Normal Water Level =	3.50	Ft, NGVD	Area =	3206	sf
Field Infiltration Rate =	0	Inches/Hr			
Design Factor of Safety =	1				
Design Infiltration Rate =	0	Inches/Hr			

BASIN 2A POSTDEVELOPMENT DETENTION TREATMENT VOLUME ANALYSIS

Pond 1 Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)
4.00	4445	0.102	0	0	0.0000
4.50	5087	0.117	2383	2383	0.0547
5.00	5761	0.132	5095	5095	0.1170
5.50	6467	0.148	8152	8152	0.1871

Pond 2 Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)
3.50	3206	0.074	0	0	0.0000
4.00	3871	0.089	1769	1769	0.0406
4.50	4570	0.105	3880	3880	0.0891
5.00	5206	0.120	6324	6324	0.1452
5.50	6210	0.143	9178	9178	0.2107

Combined Pond Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)
3.50	3206	0.074	0	0	0.0000
4.00	8316	0.191	2881	2881	0.0661
4.50	9657	0.222	7374	7374	0.1693
5.00	10967	0.252	12530	12530	0.2876
5.50	12677	0.291	18441	18441	0.4233

The areas are based on the sum of areas for each contour of ponds 1 and 2.

BASIN 2A COMBINED POND DATA

Project: Laird Point Phase II - Basin A
Job No.: 9682
Date: 12/20/2007

Pond Data					
Toe of Slope Elevation:	3.50	NGVD	Area:	3206	sf
Intermediate Elevation:	4.00	NGVD	Area:	8316	sf
Intermediate Elevation:	4.50	NGVD	Area:	9657	sf
Intermediate Elevation:	5.00	NGVD	Area:	10967	sf
Top of Bank Elevation:	5.50	NGVD	Area:	12677	sf

Percolation Data					
Infiltration Rate:	0	inches/hour	Depth Inc:	0.01	ft
Factor of Safety:	1				

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
3.50	3206	n/a	n/a	0	0.0000	0.000
3.51	3308	3257	33	33	0.0007	0.000
3.52	3410	3359	34	66	0.0015	0.000
3.53	3513	3462	35	101	0.0023	0.000
3.54	3615	3564	36	136	0.0031	0.000
3.55	3717	3666	37	173	0.0040	0.000
3.56	3819	3768	38	211	0.0048	0.000
3.57	3921	3870	39	249	0.0057	0.000
3.58	4024	3973	40	289	0.0066	0.000
3.59	4126	4075	41	330	0.0076	0.000
3.60	4228	4177	42	372	0.0085	0.000
3.61	4330	4279	43	414	0.0095	0.000
3.62	4432	4381	44	458	0.0105	0.000
3.63	4535	4484	45	503	0.0116	0.000
3.64	4637	4586	46	549	0.0126	0.000
3.65	4739	4688	47	596	0.0137	0.000
3.66	4841	4790	48	644	0.0148	0.000
3.67	4943	4892	49	693	0.0159	0.000
3.68	5046	4995	50	743	0.0170	0.000
3.69	5148	5097	51	794	0.0182	0.000
3.70	5250	5199	52	846	0.0194	0.000
3.71	5352	5301	53	899	0.0206	0.000
3.72	5454	5403	54	953	0.0219	0.000
3.73	5557	5506	55	1008	0.0231	0.000
3.74	5659	5608	56	1064	0.0244	0.000
3.75	5761	5710	57	1121	0.0257	0.000
3.76	5863	5812	58	1179	0.0271	0.000
3.77	5965	5914	59	1238	0.0284	0.000
3.78	6068	6016	60	1298	0.0298	0.000
3.79	6170	6119	61	1359	0.0312	0.000
3.80	6272	6221	62	1422	0.0326	0.000
3.81	6374	6323	63	1485	0.0341	0.000
3.82	6476	6425	64	1549	0.0356	0.000
3.83	6579	6527	65	1614	0.0371	0.000
3.84	6681	6630	66	1681	0.0386	0.000
3.85	6783	6732	67	1748	0.0401	0.000
3.86	6885	6834	68	1816	0.0417	0.000
3.87	6987	6936	69	1886	0.0433	0.000
3.88	7090	7038	70	1956	0.0449	0.000

BASIN 2A COMBINED POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
3.89	7192	7141	71	2028	0.0465	0.000
3.90	7294	7243	72	2100	0.0482	0.000
3.91	7396	7345	73	2173	0.0499	0.000
3.92	7498	7447	74	2248	0.0516	0.000
3.93	7601	7549	75	2323	0.0533	0.000
3.94	7703	7652	77	2400	0.0551	0.000
3.95	7805	7754	78	2477	0.0569	0.000
3.96	7907	7856	79	2556	0.0587	0.000
3.97	8009	7958	80	2636	0.0605	0.000
3.98	8112	8060	81	2716	0.0624	0.000
3.99	8214	8163	82	2798	0.0642	0.000
4.00	8316	8265	83	2881	0.0661	0.000
4.01	8343	8329	83	2964	0.0680	0.000
4.02	8370	8356	84	3047	0.0700	0.000
4.03	8396	8383	84	3131	0.0719	0.000
4.04	8423	8410	84	3215	0.0738	0.000
4.05	8450	8437	84	3300	0.0757	0.000
4.06	8477	8464	85	3384	0.0777	0.000
4.07	8504	8490	85	3469	0.0796	0.000
4.08	8531	8517	85	3554	0.0816	0.000
4.09	8557	8544	85	3640	0.0836	0.000
4.10	8584	8571	86	3726	0.0855	0.000
4.11	8611	8598	86	3811	0.0875	0.000
4.12	8638	8624	86	3898	0.0895	0.000
4.13	8665	8651	87	3984	0.0915	0.000
4.14	8691	8678	87	4071	0.0935	0.000
4.15	8718	8705	87	4158	0.0955	0.000
4.16	8745	8732	87	4245	0.0975	0.000
4.17	8772	8759	88	4333	0.0995	0.000
4.18	8799	8785	88	4421	0.1015	0.000
4.19	8826	8812	88	4509	0.1035	0.000
4.20	8852	8839	88	4597	0.1055	0.000
4.21	8879	8866	89	4686	0.1076	0.000
4.22	8906	8893	89	4775	0.1096	0.000
4.23	8933	8919	89	4864	0.1117	0.000
4.24	8960	8946	89	4954	0.1137	0.000
4.25	8986	8973	90	5043	0.1158	0.000
4.26	9013	9000	90	5133	0.1178	0.000
4.27	9040	9027	90	5224	0.1199	0.000
4.28	9067	9054	91	5314	0.1220	0.000
4.29	9094	9080	91	5405	0.1241	0.000
4.30	9121	9107	91	5496	0.1262	0.000
4.31	9147	9134	91	5587	0.1283	0.000
4.32	9174	9161	92	5679	0.1304	0.000
4.33	9201	9188	92	5771	0.1325	0.000
4.34	9228	9214	92	5863	0.1346	0.000
4.35	9255	9241	92	5955	0.1367	0.000
4.36	9282	9268	93	6048	0.1388	0.000
4.37	9308	9295	93	6141	0.1410	0.000
4.38	9335	9322	93	6234	0.1431	0.000
4.39	9362	9349	93	6328	0.1453	0.000
4.40	9389	9375	94	6421	0.1474	0.000

BASIN 2A COMBINED POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
4.41	9416	9402	94	6515	0.1496	0.000
4.42	9442	9429	94	6610	0.1517	0.000
4.43	9469	9456	95	6704	0.1539	0.000
4.44	9496	9483	95	6799	0.1561	0.000
4.45	9523	9509	95	6894	0.1583	0.000
4.46	9550	9536	95	6990	0.1605	0.000
4.47	9577	9563	96	7085	0.1627	0.000
4.48	9603	9590	96	7181	0.1649	0.000
4.49	9630	9617	96	7277	0.1671	0.000
4.50	9657	9644	96	7374	0.1693	0.000
4.51	9683	9670	97	7470	0.1715	0.000
4.52	9709	9696	97	7567	0.1737	0.000
4.53	9736	9722	97	7665	0.1760	0.000
4.54	9762	9749	97	7762	0.1782	0.000
4.55	9788	9775	98	7860	0.1804	0.000
4.56	9814	9801	98	7958	0.1827	0.000
4.57	9840	9827	98	8056	0.1849	0.000
4.58	9867	9853	99	8155	0.1872	0.000
4.59	9893	9880	99	8253	0.1895	0.000
4.60	9919	9906	99	8353	0.1917	0.000
4.61	9945	9932	99	8452	0.1940	0.000
4.62	9971	9958	100	8551	0.1963	0.000
4.63	9998	9984	100	8651	0.1986	0.000
4.64	10024	10011	100	8751	0.2009	0.000
4.65	10050	10037	100	8852	0.2032	0.000
4.66	10076	10063	101	8952	0.2055	0.000
4.67	10102	10089	101	9053	0.2078	0.000
4.68	10129	10116	101	9154	0.2102	0.000
4.69	10155	10142	101	9256	0.2125	0.000
4.70	10181	10168	102	9358	0.2148	0.000
4.71	10207	10194	102	9459	0.2172	0.000
4.72	10233	10220	102	9562	0.2195	0.000
4.73	10260	10247	102	9664	0.2219	0.000
4.74	10286	10273	103	9767	0.2242	0.000
4.75	10312	10299	103	9870	0.2266	0.000
4.76	10338	10325	103	9973	0.2290	0.000
4.77	10364	10351	104	10077	0.2313	0.000
4.78	10391	10378	104	10180	0.2337	0.000
4.79	10417	10404	104	10284	0.2361	0.000
4.80	10443	10430	104	10389	0.2385	0.000
4.81	10469	10456	105	10493	0.2409	0.000
4.82	10495	10482	105	10598	0.2433	0.000
4.83	10522	10509	105	10703	0.2457	0.000
4.84	10548	10535	105	10809	0.2481	0.000
4.85	10574	10561	106	10914	0.2506	0.000
4.86	10600	10587	106	11020	0.2530	0.000
4.87	10626	10613	106	11126	0.2554	0.000
4.88	10653	10640	106	11233	0.2579	0.000
4.89	10679	10666	107	11339	0.2603	0.000
4.90	10705	10692	107	11446	0.2628	0.000
4.91	10731	10718	107	11553	0.2652	0.000
4.92	10757	10744	107	11661	0.2677	0.000

BASIN 2A COMBINED POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
4.93	10784	10771	108	11768	0.2702	0.000
4.94	10810	10797	108	11876	0.2726	0.000
4.95	10836	10823	108	11985	0.2751	0.000
4.96	10862	10849	108	12093	0.2776	0.000
4.97	10888	10875	109	12202	0.2801	0.000
4.98	10915	10902	109	12311	0.2826	0.000
4.99	10941	10928	109	12420	0.2851	0.000
5.00	10967	10954	110	12530	0.2876	0.000
5.01	11001	10984	110	12640	0.2902	0.000
5.02	11035	11018	110	12750	0.2927	0.000
5.03	11070	11053	111	12860	0.2952	0.000
5.04	11104	11087	111	12971	0.2978	0.000
5.05	11138	11121	111	13082	0.3003	0.000
5.06	11172	11155	112	13194	0.3029	0.000
5.07	11206	11189	112	13306	0.3055	0.000
5.08	11241	11224	112	13418	0.3080	0.000
5.09	11275	11258	113	13531	0.3106	0.000
5.10	11309	11292	113	13644	0.3132	0.000
5.11	11343	11326	113	13757	0.3158	0.000
5.12	11377	11360	114	13870	0.3184	0.000
5.13	11412	11395	114	13984	0.3210	0.000
5.14	11446	11429	114	14099	0.3237	0.000
5.15	11480	11463	115	14213	0.3263	0.000
5.16	11514	11497	115	14328	0.3289	0.000
5.17	11548	11531	115	14444	0.3316	0.000
5.18	11583	11566	116	14559	0.3342	0.000
5.19	11617	11600	116	14675	0.3369	0.000
5.20	11651	11634	116	14792	0.3396	0.000
5.21	11685	11668	117	14908	0.3422	0.000
5.22	11719	11702	117	15025	0.3449	0.000
5.23	11754	11737	117	15143	0.3476	0.000
5.24	11788	11771	118	15260	0.3503	0.000
5.25	11822	11805	118	15378	0.3530	0.000
5.26	11856	11839	118	15497	0.3558	0.000
5.27	11890	11873	119	15615	0.3585	0.000
5.28	11925	11908	119	15735	0.3612	0.000
5.29	11959	11942	119	15854	0.3640	0.000
5.30	11993	11976	120	15974	0.3667	0.000
5.31	12027	12010	120	16094	0.3695	0.000
5.32	12061	12044	120	16214	0.3722	0.000
5.33	12096	12079	121	16335	0.3750	0.000
5.34	12130	12113	121	16456	0.3778	0.000
5.35	12164	12147	121	16578	0.3806	0.000
5.36	12198	12181	122	16699	0.3834	0.000
5.37	12232	12215	122	16822	0.3862	0.000
5.38	12267	12250	122	16944	0.3890	0.000
5.39	12301	12284	123	17067	0.3918	0.000
5.40	12335	12318	123	17190	0.3946	0.000
5.41	12369	12352	124	17314	0.3975	0.000
5.42	12403	12386	124	17438	0.4003	0.000
5.43	12438	12421	124	17562	0.4032	0.000
5.44	12472	12455	125	17686	0.4060	0.000

BASIN 2A COMBINED POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
5.45	12506	12489	125	17811	0.4089	0.000
5.46	12540	12523	125	17936	0.4118	0.000
5.47	12574	12557	126	18062	0.4146	0.000
5.48	12609	12592	126	18188	0.4175	0.000
5.49	12643	12626	126	18314	0.4204	0.000
5.50	12677	12660	127	18441	0.4233	0.000

POND 2 SAND FILTER RATING CURVE

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

SAND FILTER MEDIA DATA:

Permeability:	5.00	ft/hr
Dist. between Pipes:	2.33	ft

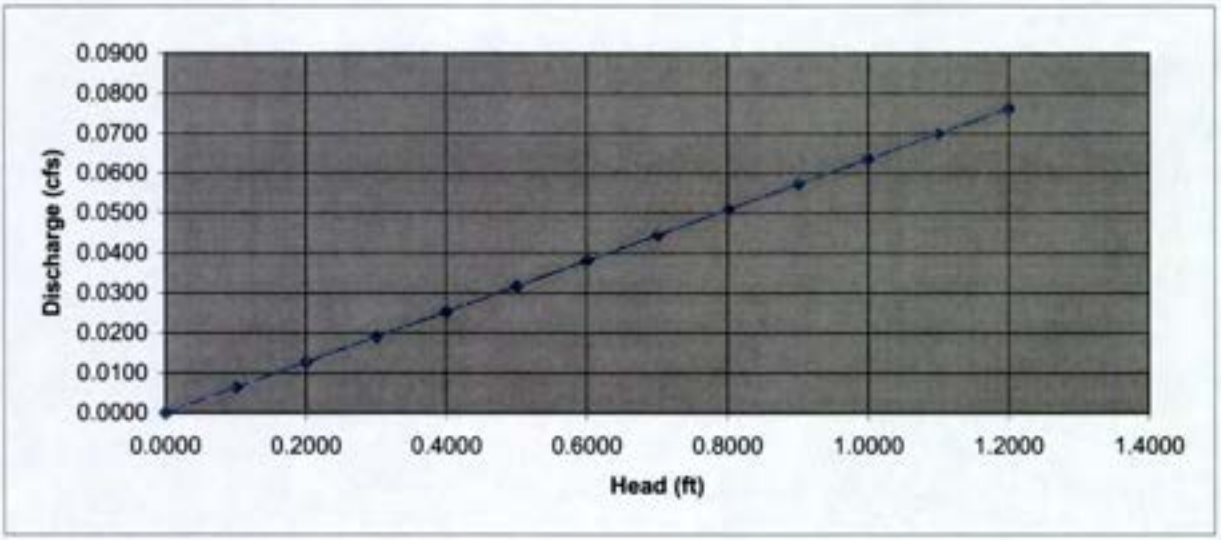
INFLOW PIPE DATA:

Pipe Dia. (in):	8.00	Max. Flow (gpm/ft):	26.5
Pipe Length (ft):	160.00	Max. Flow (cfs):	9.45
Roughness n:	0.0130	Increment:	0.1

SAND FILTER HEAD VS. DISCHARGE (Q=kiA)

Required Head - h - (ft)	Filter Permeability - k - (ft/s)	Filter Flow Area - A - (sf)	Required Hydraulic Gradient - i -	Discharge - Q - (cfs)
0.0000	0.0014	106.67	0.0000	0.0000
0.1000	0.0014	106.67	0.0429	0.0064
0.2000	0.0014	106.67	0.0858	0.0127
0.3000	0.0014	106.67	0.1288	0.0191
0.4000	0.0014	106.67	0.1717	0.0254
0.5000	0.0014	106.67	0.2146	0.0318
0.6000	0.0014	106.67	0.2575	0.0381
0.7000	0.0014	106.67	0.3004	0.0445
0.8000	0.0014	106.67	0.3433	0.0509
0.9000	0.0014	106.67	0.3863	0.0572
1.0000	0.0014	106.67	0.4292	0.0636
1.1000	0.0014	106.67	0.4721	0.0699
1.2000	0.0014	106.67	0.5150	0.0763
1.3000	0.0014	106.67	0.5579	0.0827
1.4000	0.0014	106.67	0.6009	0.0890
1.5000	0.0014	106.67	0.6438	0.0954
1.6000	0.0014	106.67	0.6867	0.1017
1.7000	0.0014	106.67	0.7296	0.1081
1.8000	0.0014	106.67	0.7725	0.1144
1.9000	0.0014	106.67	0.8155	0.1208
2.0000	0.0014	106.67	0.8584	0.1272

Sand Filter Flow Area (assumed) = Diameter of Pipe x Length of Pipe
Hydraulic Gradient (i) = Change in Head/Flow Length



POND 2 FILTER SCREEN RATING CURVE

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

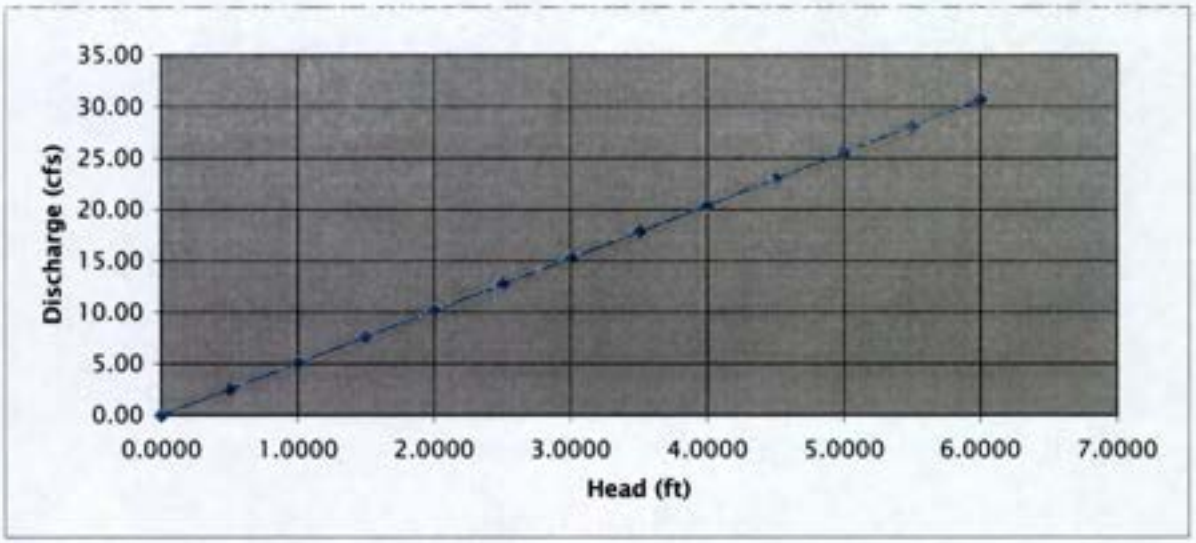
FILTER SCREEN DATA:

Fabric Type:	Trevira 1135	Flow Rate (gpm/sf):	120.00
Weight (oz/sy):	10.50	Permeability (cm/sec):	0.62
Thickness (mils):	150.00	Screen Diameter (in):	24.00

Increment: 0.5000

FILTER SCREEN HEAD VS. DISCHARGE (Q=kiA)				
Head - h -	Filter Permeability - k - (ft/s)	Filter Flow Area - A - (sf)	Hydraulic Gradient - i -	Discharge - Q - (cfs)
0.0000	0.0203	3.1416	0.00	0.00
0.5000	0.0203	3.1416	40.00	2.56
1.0000	0.0203	3.1416	80.00	5.11
1.5000	0.0203	3.1416	120.00	7.67
2.0000	0.0203	3.1416	160.00	10.22
2.5000	0.0203	3.1416	200.00	12.78
3.0000	0.0203	3.1416	240.00	15.34
3.5000	0.0203	3.1416	280.00	17.89
4.0000	0.0203	3.1416	320.00	20.45
4.5000	0.0203	3.1416	360.00	23.01
5.0000	0.0203	3.1416	400.00	25.56
5.5000	0.0203	3.1416	440.00	28.12
6.0000	0.0203	3.1416	480.00	30.67

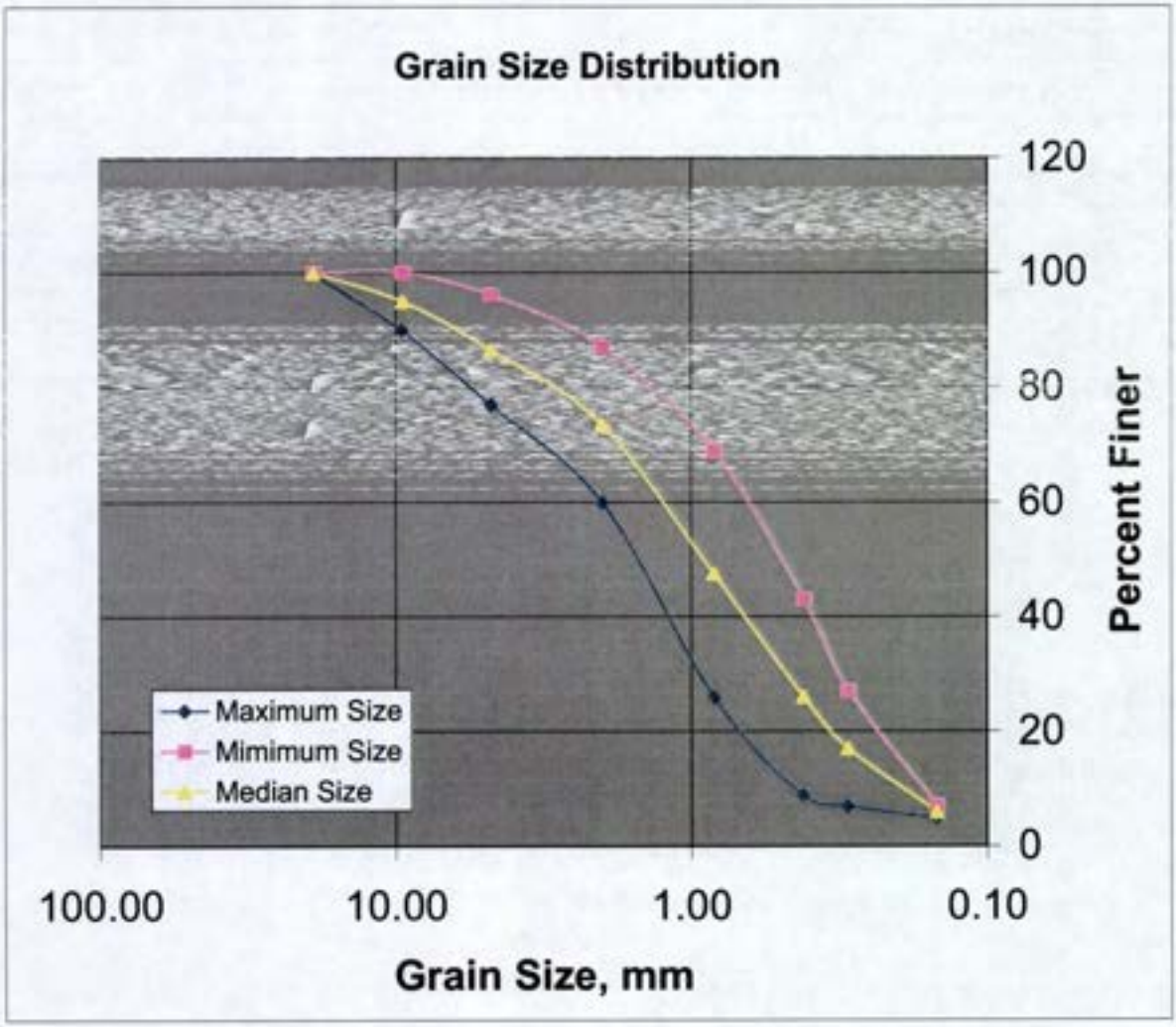
Filter Screen Flow Area = Area of Pipe
Hydraulic Gradient (i) = Change in Head/Flow Length



POND 2A FILTER GRAIN SIZE DISTRIBUTION

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

U.S. SIEVE Size or No.	Opening (mm)	Opening (in)	PERCENT FINER Maximum Size	PERCENT FINER Minimum Size	Median
0.75	19.00	0.7480315	100	100	100
0.375	9.51	0.3744095	90	100	95
4	4.76	0.1874016	77	96	86.5
10	2.00	0.0787402	60	87	73.5
20	0.84	0.0331102	26	69	47.5
40	0.42	0.0165354	9	43	26
50	0.30	0.0116929	7	27	17
100	0.15	0.0058661	5	7	6



BASIN 2B

BASIN 2B POSTDEVELOPMENT ANALYSIS DATA

Basin	Total Area (ac)	CCN	Time of Concentration (Min.)	Tributary to Node
B-30	0.000	0.0	9	S-30
B-32	0.142	81.1	10	S-32
B-33	0.067	88.7	10	S-33
B-34	0.545	82.6	10	S-34
B-35	0.546	83.2	10	S-35
B-37	0.521	83.4	10	S-37
B-38	0.314	82.4	10	S-38
B-40	0.325	82.3	10	S-40
B-41	0.726	83.2	10	S-41
B-42	0.359	84.1	10	S-42
B-43	0.233	85.2	10	S-43
B-44	0.646	85.7	10	S-44
B-45	0.356	84.6	10	S-45
B-47	0.026	98.0	10	S-47
B-48	0.708	84.6	10	S-48
B-49	0.343	84.5	10	S-49
B-51	0.029	98.0	10	S-51
B-52	0.348	85.5	10	S-52
B-53	0.486	84.9	10	S-53
POND 3	0.241	91.8	10	Pond3
POND 4	0.193	91.3	10	Pond4
POND 5	0.152	89.4	10	Pond5
POND 6	0.343	91.3	10	Pond6
UNRECOVERABLE	1.218	79.5	10	N/a
Totals	8.867			

Notes:
1. Basins numbered for consistency with structures rather than in sequence.
2. CCN - Composite Curve Number.

BASIN 2B POSTDEVELOPMENT ANALYSIS RUNOFF CHARACTERISTICS

Basin	Total Area (ac)	Impervious Area		Pervious Area		Undeveloped Area		Pond Area		CCN
		Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	
Basin 2B by Onsite/Offsite Area										
Onsite	7.649	2.833	98	4.145	74	-	-	0.671	100.0	85.2
Unrecoverable	1.218	0.279	98	0.939	74	-	-	-	-	79.5
Totals	8.867	3.111	98	5.084	74	-	-	0.671	100	84.4
WMA Tributary Area										
B-32	0.1421	0.042	98	0.100	74	-	-	-	-	81.1
B-33	0.0666	0.041	98	0.026	74	-	-	-	-	88.7
B-34	0.5453	0.195	98	0.351	74	-	-	-	-	82.6
B-35	0.5456	0.210	98	0.336	74	-	-	-	-	83.2
B-37	0.5212	0.205	98	0.316	74	-	-	-	-	83.4
B-38	0.3140	0.110	98	0.205	74	-	-	-	-	82.4
B-40	0.3251	0.112	98	0.213	74	-	-	-	-	82.3
B-41	0.7260	0.279	98	0.447	74	-	-	-	-	83.2
B-42	0.3593	0.151	98	0.209	74	-	-	-	-	84.1
B-43	0.2329	0.109	98	0.124	74	-	-	-	-	85.2
B-44	0.6458	0.316	98	0.330	74	-	-	-	-	85.7
B-45	0.3560	0.158	98	0.199	74	-	-	-	-	84.6
B-47	0.0263	0.026	98	-	74	-	-	-	-	98.0
B-48	0.7080	0.313	98	0.395	74	-	-	-	-	84.6
B-49	0.3429	0.150	98	0.193	74	-	-	-	-	84.5
B-51	0.0285	0.029	98	-	74	-	-	-	-	98.0
B-52	0.3483	0.167	98	0.181	74	-	-	-	-	85.5
B-53	0.4855	0.222	98	0.264	74	-	-	-	-	84.9
POND 3	0.2406	-	98	0.071	74	-	-	0.170	100.0	92.4
POND 4	0.1933	-	98	0.061	74	-	-	0.132	100.0	91.8
POND 5	0.1524	-	98	0.057	74	-	-	0.095	100.0	90.2
POND 6	0.3429	-	98	0.069	74	-	-	0.274	100	94.8
Totals	7.649	2.833		4.145		-		0.671		

Notes:

1. Development results is mass grading and significant fill (±4') over the entire site.
2. Due to mass grading and fill, undeveloped site HSG of D not representative in postdevelopment condition. For postdevelopment, assumed HSG of C.
3. Onsite developed pervious area CN of 74 based on Open Space (lawns, etc.) land cover, good condition, and HSG C per NEH Part 630 Table 9-5.
4. Offsite developed pervious area CN of 80 based on Open Space (lawns, etc.) land cover, good condition, and HSG D per NEH Part 630 Table 9-5.
5. Pond CN area based on normal water level.

BASIN 2B POSTDEVELOPMENT INLET SIZING

Node	Grate Elev (Ft)	Tributary Basins	Tributary Area (Ac)	Impervious Area		Pervious Area		Runoff Coefficient (C)	TOC (Min)	Intensity (In/Hr)	Inlet Flow (CFS)	Standard Inlet Type
				Area (Ac)	C	Area (Ac)	C					
S-32	6.38	B-32	0.142	0.042	0.95	0.100	0.3	0.49	10	8.1	0.57	Type V
S-33	6.38	B-33	0.067	0.041	0.95	0.026	0.3	0.70	10	8.1	0.38	Type V
S-34	6.13	B-34	0.545	0.195	0.95	0.351	0.3	0.53	10	8.1	2.35	Type V
S-35	6.13	B-35	0.546	0.210	0.95	0.336	0.3	0.55	10	8.1	2.43	Type V
S-37	6.13	B-37	0.521	0.205	0.95	0.316	0.3	0.56	10	8.1	2.34	Type V
S-38	6.13	B-38	0.314	0.110	0.95	0.205	0.3	0.53	10	8.1	1.34	Type V
S-40	6.19	B-40	0.325	0.112	0.95	0.213	0.3	0.52	10	8.1	1.38	Type V
S-41	6.19	B-41	0.726	0.279	0.95	0.447	0.3	0.55	10	8.1	3.24	Type V
S-42	6.13	B-42	0.359	0.151	0.95	0.209	0.3	0.57	10	8.1	1.67	Type V
S-43	6.13	B-43	0.233	0.109	0.95	0.124	0.3	0.60	10	8.1	1.14	Type V
S-44	6.08	B-44	0.646	0.316	0.95	0.330	0.3	0.62	10	8.1	3.23	Type C
S-45	6.08	B-45	0.356	0.158	0.95	0.199	0.3	0.59	10	8.1	1.69	Type C
S-47	6.43	B-47	0.026	0.026	0.95	0.000	0.3	0.95	10	8.1	0.20	Type V
S-48	6.08	B-48	0.708	0.313	0.95	0.395	0.3	0.59	10	8.1	3.37	Type C
S-49	6.08	B-49	0.343	0.150	0.95	0.193	0.3	0.58	10	8.1	1.62	Type C
S-51	6.43	B-51	0.029	0.029	0.95	0.000	0.3	0.95	10	8.1	0.22	Type V
S-52	6.13	B-52	0.348	0.167	0.95	0.181	0.3	0.61	10	8.1	1.73	Type V
S-53	6.13	B-53	0.486	0.222	0.95	0.264	0.3	0.60	10	8.1	2.35	Type V

Inlet	Grate Capacity Option A (CFS)	Grate Capacity Option B (CFS)
Type A	7	4
Type B	16	6
Type C	5	4
Type D	14	6
Type E	10	6
Type H	15	7
Type F	9	5
Type G	23	7
Type J	9	4

Notes:
Grate Capacity based on FDOT Std Index 229.
Flow condition A based on orifice flow with 3" water depth, 50% grate blockage.
Flow Condition B based on weir flow with 3" water depth.

BASIN 2B POSTDEVELOPMENT INLET SIZING

Node	Grate Elev (Ft)	Tributary Basins	Tributary Area (Ac)	Impervious Area		Pervious Area		Runoff Coefficient (C)	TOC (Min)	Intensity (In/Hr)	Inlet Flow (CFS)	Standard Inlet Type
				Area (Ac)	C	Area (Ac)	C					
S-32	6.38	B-32	0.142	0.042	0.95	0.100	0.3	0.49	10	8.1	0.57	Type V
S-33	6.38	B-33	0.067	0.041	0.95	0.026	0.3	0.70	10	8.1	0.38	Type V
S-34	6.13	B-34	0.545	0.195	0.95	0.351	0.3	0.53	10	8.1	2.35	Type V
S-35	6.13	B-35	0.546	0.210	0.95	0.336	0.3	0.55	10	8.1	2.43	Type V
S-37	6.13	B-37	0.521	0.205	0.95	0.316	0.3	0.56	10	8.1	2.34	Type V
S-38	6.13	B-38	0.314	0.110	0.95	0.205	0.3	0.53	10	8.1	1.34	Type V
S-40	6.19	B-40	0.325	0.112	0.95	0.213	0.3	0.52	10	8.1	1.38	Type V
S-41	6.19	B-41	0.726	0.279	0.95	0.447	0.3	0.55	10	8.1	3.24	Type V
S-42	6.13	B-42	0.359	0.151	0.95	0.209	0.3	0.57	10	8.1	1.67	Type V
S-43	6.13	B-43	0.233	0.109	0.95	0.124	0.3	0.60	10	8.1	1.14	Type V
S-44	6.08	B-44	0.646	0.316	0.95	0.330	0.3	0.62	10	8.1	3.23	Type C
S-45	6.08	B-45	0.356	0.158	0.95	0.199	0.3	0.59	10	8.1	1.69	Type C
S-47	6.43	B-47	0.026	0.026	0.95	0.000	0.3	0.95	10	8.1	0.20	Type V
S-48	6.08	B-48	0.708	0.313	0.95	0.395	0.3	0.59	10	8.1	3.37	Type C
S-49	6.08	B-49	0.343	0.150	0.95	0.193	0.3	0.58	10	8.1	1.62	Type C
S-51	6.43	B-51	0.029	0.029	0.95	0.000	0.3	0.95	10	8.1	0.22	Type V
S-52	6.13	B-52	0.348	0.167	0.95	0.181	0.3	0.61	10	8.1	1.73	Type V
S-53	6.13	B-53	0.486	0.222	0.95	0.264	0.3	0.60	10	8.1	2.35	Type V

Inlet	Grate Capacity Option A (CFS)	Grate Capacity Option B (CFS)
Type A	7	4
Type B	16	6
Type C	5	4
Type D	14	6
Type E	10	6
Type H	15	7
Type F	9	5
Type G	23	7
Type J	9	4

Notes:
Grate Capacity based on FDOT Std Index 229.
Flow condition A based on orifice flow with 3" water depth, 50% grate blockage.
Flow Condition B based on weir flow with 3" water depth.

BASIN 2B POSTDEVELOPMENT ANALYSIS LINK DATA

Pipe Data

Name	From Node	To Node	Pipe Dia (In)	Count	Length (Ft)	US Invert	DS Invert	% Slope	N	Inlet Loss	Exit Loss	DS Defl.	Bend Loss
L-32	S-32	S-33	15	1	24.25	2.50	2.00	2.06	0.012	0.20	1.000	90°	0.70
L-33	S-33	S-39	18	1	85.41	1.75	0.85	1.05	0.012	0.20	1.000	0°	0.00
L-34	S-34	S-36	18	1	73.72	2.35	1.85	0.68	0.012	0.20	1.000	20°	0.17
L-35	S-35	S-36	18	1	73.89	2.35	1.85	0.68	0.012	0.20	1.000	50°	0.47
L-36	S-36	S-38	24	1	85.20	1.35	0.85	0.59	0.012	0.20	1.000	20°	0.17
L-37	S-37	S-38	15	1	24.25	2.50	1.60	3.71	0.012	0.20	1.000	90°	0.70
L-38	S-38	S-39	24	1	92.32	0.85	0.35	0.54	0.012	0.20	1.000	90°	0.70
L-39	S-39	S-41	30	1	105.49	-0.15	-0.65	0.47	0.012	0.20	1.000	20°	0.17
L-40	S-40	S-41	15	1	24.25	2.50	0.60	7.84	0.012	0.20	1.000	100°	0.91
L-41	S-41	S-43	30	1	192.92	-0.65	-1.15	0.26	0.012	0.20	1.000	40°	0.39
L-42	S-42	S-43	15	1	24.25	2.50	0.10	9.90	0.012	0.20	1.000	35°	0.33
L-43	S-43	POND 5	36	1	50.51	-1.65	-2.30	1.29	0.012	0.20	1.000	90°	0.70
L-44	S-44	S-45	18	1	178.94	2.30	1.00	0.73	0.012	0.20	1.000	20°	0.17
L-45	S-45	Pond3	18	1	35.98	1.00	0.50	1.39	0.012	0.20	1.000	65°	0.58
L-46	Pond3	5-47	36	1	58.33	-1.00	-1.50	0.86	0.012	0.20	1.000	0°	0.00
L-47	S-47	S-51	36	1	24.25	-1.50	-1.90	1.65	0.012	0.20	1.000	90°	0.70
L-48	S-48	S-49	18	1	178.94	2.30	1.00	0.73	0.012	0.20	1.000	20°	0.17
L-49	S-49	Pond4	18	1	42.22	1.00	0.00	2.37	0.012	0.20	1.000	65°	0.58
L-50	Pond4	S-51	36	1	32.72	-1.50	-1.90	1.22	0.012	0.20	1.000	90°	0.70
L-51	S-51	S-54	42	1	55.26	-2.40	-2.60	0.36	0.012	0.20	1.000	45°	0.43
L-52	S-52	S-53	15	1	24.25	2.50	1.75	3.09	0.012	0.20	1.000	90°	0.70
L-53	S-53	S-54	18	1	86.14	1.50	-0.60	2.44	0.012	0.20	1.000	90°	0.70
L-54	S-54	Pond5	42	1	71.45	-2.60	-2.80	0.28	0.012	0.20	1.000	50°	0.47
L-55	Pond5	S-56	42	1	52.26	-2.80	-3.00	0.38	0.012	0.20	1.000	50°	0.47
L-56	S-56	S-57	42	1	45.83	-3.00	-3.20	0.44	0.012	0.20	1.000	30°	0.28
L-57	S-57	Pond6	42	1	56.51	-3.20	-3.40	0.35	0.012	0.20	1.000	0°	0.00

Outfall Drop Structure Data

Description	Weir 1	Weir2	
Structure Type	Type C Infall	Earthen Berm	-
Primary Weir Type	Vertical Rectangular	Vertical Rectangular	-
Primary Weir Elevation	3.25 Feet	4.60 Feet	-
Primary Weir Span	24 Inches	397 Feet (4764 Inches)	-
Primary Weir Rise	N/A	N/A	-

BASIN 2B POSTDEVELOPMENT DETENTION TREATMENT VOLUME ANALYSIS

General Worksheet Notes

This worksheet provides the facility volume and treatment volume calculations for the proposed treatment water management areas.

Runoff Coefficents use in Analysis

Impervious Area C:	0.95
Developed Pervious Area C:	0.30
Undeveloped Pervious Area C:	0.20
Pond Area C:	0.30

Project Area										
Basin	Total Tributary Area									
	Total Area	Impervious Area		Pervious Area		Undeveloped Area		Pond Area		CC
	(ac)	Area (Ac)	C	Area (Ac)	C	Area (Ac)	C	Area (Ac)	C	
B-32	0.142	0.042	0.95	0.100	0.3	0	0.2	0	1	0.49
B-33	0.067	0.041	0.95	0.026	0.3	0	0.2	0	1	0.70
B-34	0.545	0.195	0.95	0.351	0.3	0	0.2	0	1	0.53
B-35	0.546	0.210	0.95	0.336	0.3	0	0.2	0	1	0.55
B-37	0.521	0.205	0.95	0.316	0.3	0	0.2	0	1	0.56
B-38	0.314	0.110	0.95	0.205	0.3	0	0.2	0	1	0.53
B-40	0.325	0.112	0.95	0.213	0.3	0	0.2	0	1	0.52
B-41	0.726	0.279	0.95	0.447	0.3	0	0.2	0	1	0.55
B-42	0.359	0.151	0.95	0.209	0.3	0	0.2	0	1	0.57
B-43	0.233	0.109	0.95	0.124	0.3	0	0.2	0	1	0.60
B-44	0.646	0.316	0.95	0.330	0.3	0	0.2	0	1	0.62
B-45	0.356	0.158	0.95	0.199	0.3	0	0.2	0	1	0.59
B-47	0.026	0.026	0.95	0.000	0.3	0	0.2	0	1	0.95
B-48	0.708	0.313	0.95	0.395	0.3	0	0.2	0	1	0.59
B-49	0.343	0.150	0.95	0.193	0.3	0	0.2	0	1	0.58
B-51	0.029	0.029	0.95	0.000	0.3	0	0.2	0	1	0.95
B-52	0.348	0.167	0.95	0.181	0.3	0	0.2	0	1	0.61
B-53	0.486	0.222	0.95	0.264	0.3	0	0.2	0	1	0.60
POND 3	0.241	0.000	0.95	0.076	0.3	0	0.2	0.165	1	0.78
POND 4	0.193	0.000	0.95	0.065	0.3	0	0.2	0.129	1	0.77
POND 5	0.152	0.000	0.95	0.062	0.3	0	0.2	0.090	1	0.71
POND 6	0.343	0.000	0.95	0.115	0.3	0	0.2	0.228	1	0.76
Unrecoverable	1.218	0.279	0.950	0.939	0.300	0.000	0.200	0.000	1.000	0.45
Subtotal	8.867	3.111		5.144		-		0.611		0.58

BASIN 2B POSTDEVELOPMENT DETENTION TREATMENT VOLUME ANALYSIS

Total Project Area = 8.867 Acres

Compostite Runoff Coefficent (C) = 0.58

Treatment Type

Proposed Treatment Method: Detention with Filtration

Required Treatment Volume: 1st 1/2" or Runoff or 1st 1" of Rainfall, whichever is greater.

OFW Additional Treatment Volume: NO

Runoff Treatment Volume (1" of Rainfall)

Treatment Volume (1"xCA) =	0.426	AF		
OFW Treatment Volume (+50%) =	-	AF		
Total Rqd. Treatment Volume =	0.426	AF =	18,550	CF

Rainfall Treatment Volume (1/2" of Runoff)

Treatment Volume (1/2"xA) =	0.369	AF		
OFW Treatment Volume (+50%) =	-	AF		
Total Rqd. Treatment Volume =	0.369	AF =	16,093	CF

Rqd. Treatment Volume =	18,550	CF
Rqd. Top of Treatment Volume =	4.58	Feet
Design Top of Treatment Volume =	4.60	Feet
Design Treatment Volume =	19,256	CF

Pond Data

Pond Side Slopes =	Varies				
Normal Water Level =	3.50	Ft, NGVD	Area =	7959	sf
Field Infiltration Rate =	0	Inches/Hr			
Design Factor of Safety =	3				
Design Infiltration Rate =	0	Inches/Hr			

Pond 3 Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)	Infil. Rate (cfs)
4.00	5978	0.1372	0	0	0.0000	0.000
4.50	6681	0.1534	3165	3165	0.0727	0.000
5.00	7421	0.1704	6690	6690	0.1536	0.000
5.50	8197	0.1882	10595	10595	0.2432	0.000

BASIN 2B POSTDEVELOPMENT DETENTION TREATMENT VOLUME ANALYSIS

Pond 4 Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)	Infil. Rate (cfs)
4.00	4529	0.1040	0	0	0.0000	0.000
4.50	5127	0.1177	2414	2414	0.0554	0.000
5.00	5757	0.1322	5135	5135	0.1179	0.000
5.50	6421	0.1474	8180	8180	0.1878	0.000

Pond 5 Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)	Infil. Rate (cfs)
4.00	3124	0.0717	0	0	0.0000	0.000
4.50	3612	0.0829	1684	1684	0.0387	0.000
5.00	4132	0.0949	3620	3620	0.0831	0.000
5.50	4683	0.1075	5824	5824	0.1337	0.000

Pond 6 Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)	Infil. Rate (cfs)
3.50	7959	0.1827	0	0	0.0000	0.000
4.00	9408	0.2160	4342	4342	0.0997	0.000
4.50	10894	0.2501	9417	9417	0.2162	0.000
5.00	11932	0.2739	15124	15124	0.3472	0.000
5.50	12865	0.2953	21323	21323	0.4895	0.000

Combined Pond Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)	Infil. Rate (cfs)
3.50	7959	0.1827	0	0	0.0000	0.000
4.00	9408	0.2160	4342	4342	0.0997	0.000
4.01	23039	0.5289	4504	4504	0.1034	0.000
4.50	26314	0.6041	16595	16595	0.3810	0.000
5.00	29242	0.6713	30484	30484	0.6998	0.000
5.50	32166	0.7384	45836	45836	1.0523	0.000

The areas are based on the sum of areas for each contour of ponds 3, 4, 5, and 6.

BASIN 2B COMBINED POND DATA

Pond Data					
Toe of Slope Elevation:	3.50	NGVD	Area:	7959	sf
Intermediate Elevation:	4.00	NGVD	Area:	9408	sf
Intermediate Elevation:	4.01	NGVD	Area:	23039	sf
Intermediate Elevation:	4.50	NGVD	Area:	26314	sf
Intermediate Elevation:	5.00	NGVD	Area:	29242	sf
Top of Bank Elevation:	5.50	NGVD	Area:	32166	sf

Percolation Data					
Infiltration Rate:	0	inches/hour	Depth Inc:	0.01	ft
Factor of Safety:	1				

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
3.50	7959	n/a	n/a	0	0	0.000
3.51	7988	7973	80	80	0.0018	0.000
3.52	8017	8002	80	160	0.0037	0.000
3.53	8046	8031	80	240	0.0055	0.000
3.54	8075	8060	81	321	0.0074	0.000
3.55	8104	8089	81	402	0.0092	0.000
3.56	8133	8118	81	483	0.0111	0.000
3.57	8162	8147	81	564	0.0130	0.000
3.58	8191	8176	82	646	0.0148	0.000
3.59	8220	8205	82	728	0.0167	0.000
3.60	8249	8234	82	810	0.0186	0.000
3.61	8278	8263	83	893	0.0205	0.000
3.62	8307	8292	83	976	0.0224	0.000
3.63	8336	8321	83	1059	0.0243	0.000
3.64	8365	8350	84	1143	0.0262	0.000
3.65	8394	8379	84	1226	0.0282	0.000
3.66	8423	8408	84	1311	0.0301	0.000
3.67	8452	8437	84	1395	0.0320	0.000
3.68	8481	8466	85	1480	0.0340	0.000
3.69	8510	8495	85	1565	0.0359	0.000
3.70	8539	8524	85	1650	0.0379	0.000
3.71	8568	8553	86	1735	0.0398	0.000
3.72	8597	8582	86	1821	0.0418	0.000
3.73	8626	8611	86	1907	0.0438	0.000
3.74	8655	8640	86	1994	0.0458	0.000
3.75	8683	8669	87	2080	0.0478	0.000
3.76	8712	8698	87	2167	0.0498	0.000
3.77	8741	8727	87	2255	0.0518	0.000
3.78	8770	8756	88	2342	0.0538	0.000
3.79	8799	8785	88	2430	0.0558	0.000
3.80	8828	8814	88	2518	0.0578	0.000
3.81	8857	8843	88	2607	0.0598	0.000
3.82	8886	8872	89	2695	0.0619	0.000
3.83	8915	8901	89	2784	0.0639	0.000
3.84	8944	8930	89	2874	0.0660	0.000
3.85	8973	8959	90	2963	0.0680	0.000
3.86	9002	8988	90	3053	0.0701	0.000
3.87	9031	9017	90	3143	0.0722	0.000
3.88	9060	9046	90	3234	0.0742	0.000
3.89	9089	9075	91	3324	0.0763	0.000
3.90	9118	9104	91	3415	0.0784	0.000
3.91	9147	9133	91	3507	0.0805	0.000
3.92	9176	9162	92	3598	0.0826	0.000

BASIN 2B COMBINED POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
3.93	9205	9191	92	3690	0.0847	0.000
3.94	9234	9220	92	3782	0.0868	0.000
3.95	9263	9249	92	3875	0.0890	0.000
3.96	9292	9278	93	3968	0.0911	0.000
3.97	9321	9307	93	4061	0.0932	0.000
3.98	9350	9336	93	4154	0.0954	0.000
3.99	9379	9365	94	4248	0.0975	0.000
4.00	9408	9394	94	4342	0.0997	0.000
4.01	23039	16224	162	4504	0.1034	0.000
4.02	23106	23072	231	4735	0.1087	0.000
4.03	23173	23139	231	4966	0.1140	0.000
4.04	23240	23206	232	5198	0.1193	0.000
4.05	23306	23273	233	5431	0.1247	0.000
4.06	23373	23340	233	5664	0.1300	0.000
4.07	23440	23407	234	5898	0.1354	0.000
4.08	23507	23473	235	6133	0.1408	0.000
4.09	23574	23540	235	6368	0.1462	0.000
4.10	23641	23607	236	6605	0.1516	0.000
4.11	23707	23674	237	6841	0.1571	0.000
4.12	23774	23741	237	7079	0.1625	0.000
4.13	23841	23808	238	7317	0.1680	0.000
4.14	23908	23874	239	7556	0.1735	0.000
4.15	23975	23941	239	7795	0.1789	0.000
4.16	24042	24008	240	8035	0.1845	0.000
4.17	24108	24075	241	8276	0.1900	0.000
4.18	24175	24142	241	8517	0.1955	0.000
4.19	24242	24209	242	8759	0.2011	0.000
4.20	24309	24275	243	9002	0.2067	0.000
4.21	24376	24342	243	9245	0.2122	0.000
4.22	24443	24409	244	9490	0.2179	0.000
4.23	24509	24476	245	9734	0.2235	0.000
4.24	24576	24543	245	9980	0.2291	0.000
4.25	24643	24610	246	10226	0.2348	0.000
4.26	24710	24677	247	10473	0.2404	0.000
4.27	24777	24743	247	10720	0.2461	0.000
4.28	24844	24810	248	10968	0.2518	0.000
4.29	24910	24877	249	11217	0.2575	0.000
4.30	24977	24944	249	11466	0.2632	0.000
4.31	25044	25011	250	11716	0.2690	0.000
4.32	25111	25078	251	11967	0.2747	0.000
4.33	25178	25144	251	12219	0.2805	0.000
4.34	25245	25211	252	12471	0.2863	0.000
4.35	25311	25278	253	12724	0.2921	0.000
4.36	25378	25345	253	12977	0.2979	0.000
4.37	25445	25412	254	13231	0.3037	0.000
4.38	25512	25479	255	13486	0.3096	0.000
4.39	25579	25545	255	13741	0.3155	0.000
4.40	25646	25612	256	13997	0.3213	0.000
4.41	25712	25679	257	14254	0.3272	0.000
4.42	25779	25746	257	14512	0.3331	0.000
4.43	25846	25813	258	14770	0.3391	0.000
4.44	25913	25880	259	15029	0.3450	0.000
4.45	25980	25946	259	15288	0.3510	0.000
4.46	26047	26013	260	15548	0.3569	0.000
4.47	26113	26080	261	15809	0.3629	0.000

BASIN 2B COMBINED POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
4.48	26180	26147	261	16071	0.3689	0.000
4.49	26247	26214	262	16333	0.3749	0.000
4.50	26314	26281	263	16595	0.3810	0.000
4.51	26373	26343	263	16859	0.3870	0.000
4.52	26431	26402	264	17123	0.3931	0.000
4.53	26490	26460	265	17388	0.3992	0.000
4.54	26548	26519	265	17653	0.4053	0.000
4.55	26607	26578	266	17918	0.4114	0.000
4.56	26665	26636	266	18185	0.4175	0.000
4.57	26724	26695	267	18452	0.4236	0.000
4.58	26782	26753	268	18719	0.4297	0.000
4.59	26841	26812	268	18987	0.4359	0.000
4.60	26900	26870	269	19256	0.4421	0.000
4.61	26958	26929	269	19525	0.4482	0.000
4.62	27017	26987	270	19795	0.4544	0.000
4.63	27075	27046	270	20066	0.4606	0.000
4.64	27134	27105	271	20337	0.4669	0.000
4.65	27192	27163	272	20608	0.4731	0.000
4.66	27251	27222	272	20881	0.4794	0.000
4.67	27310	27280	273	21153	0.4856	0.000
4.68	27368	27339	273	21427	0.4919	0.000
4.69	27427	27397	274	21701	0.4982	0.000
4.70	27485	27456	275	21975	0.5045	0.000
4.71	27544	27514	275	22251	0.5108	0.000
4.72	27602	27573	276	22526	0.5171	0.000
4.73	27661	27632	276	22803	0.5235	0.000
4.74	27719	27690	277	23079	0.5298	0.000
4.75	27778	27749	277	23357	0.5362	0.000
4.76	27837	27807	278	23635	0.5426	0.000
4.77	27895	27866	279	23914	0.5490	0.000
4.78	27954	27924	279	24193	0.5554	0.000
4.79	28012	27983	280	24473	0.5618	0.000
4.80	28071	28042	280	24753	0.5683	0.000
4.81	28129	28100	281	25034	0.5747	0.000
4.82	28188	28159	282	25316	0.5812	0.000
4.83	28246	28217	282	25598	0.5876	0.000
4.84	28305	28276	283	25881	0.5941	0.000
4.85	28364	28334	283	26164	0.6006	0.000
4.86	28422	28393	284	26448	0.6072	0.000
4.87	28481	28451	285	26732	0.6137	0.000
4.88	28539	28510	285	27018	0.6202	0.000
4.89	28598	28569	286	27303	0.6268	0.000
4.90	28656	28627	286	27590	0.6334	0.000
4.91	28715	28686	287	27876	0.6400	0.000
4.92	28774	28744	287	28164	0.6466	0.000
4.93	28832	28803	288	28452	0.6532	0.000
4.94	28891	28861	289	28740	0.6598	0.000
4.95	28949	28920	289	29030	0.6664	0.000
4.96	29008	28978	290	29319	0.6731	0.000
4.97	29066	29037	290	29610	0.6797	0.000
4.98	29125	29096	291	29901	0.6864	0.000
4.99	29183	29154	292	30192	0.6931	0.000

BASIN 2B COMBINED POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
5.00	29242	29213	292	30484	0.6998	0.000
5.01	29300	29271	293	30777	0.7065	0.000
5.02	29359	29330	293	31070	0.7133	0.000
5.03	29417	29388	294	31364	0.7200	0.000
5.04	29476	29447	294	31659	0.7268	0.000
5.05	29534	29505	295	31954	0.7336	0.000
5.06	29593	29564	296	32250	0.7403	0.000
5.07	29651	29622	296	32546	0.7471	0.000
5.08	29710	29681	297	32843	0.7540	0.000
5.09	29768	29739	297	33140	0.7608	0.000
5.10	29827	29798	298	33438	0.7676	0.000
5.11	29885	29856	299	33736	0.7745	0.000
5.12	29944	29915	299	34036	0.7814	0.000
5.13	30002	29973	300	34335	0.7882	0.000
5.14	30061	30031	300	34636	0.7951	0.000
5.15	30119	30090	301	34937	0.8020	0.000
5.16	30178	30148	301	35238	0.8090	0.000
5.17	30236	30207	302	35540	0.8159	0.000
5.18	30295	30265	303	35843	0.8228	0.000
5.19	30353	30324	303	36146	0.8298	0.000
5.20	30412	30382	304	36450	0.8368	0.000
5.21	30470	30441	304	36754	0.8438	0.000
5.22	30529	30499	305	37059	0.8508	0.000
5.23	30587	30558	306	37365	0.8578	0.000
5.24	30646	30616	306	37671	0.8648	0.000
5.25	30704	30675	307	37978	0.8718	0.000
5.26	30762	30733	307	38285	0.8789	0.000
5.27	30821	30792	308	38593	0.8860	0.000
5.28	30879	30850	309	38901	0.8931	0.000
5.29	30938	30909	309	39211	0.9002	0.000
5.30	30996	30967	310	39520	0.9073	0.000
5.31	31055	31026	310	39830	0.9144	0.000
5.32	31113	31084	311	40141	0.9215	0.000
5.33	31172	31143	311	40453	0.9287	0.000
5.34	31230	31201	312	40765	0.9358	0.000
5.35	31289	31260	313	41077	0.9430	0.000
5.36	31347	31318	313	41391	0.9502	0.000
5.37	31406	31377	314	41704	0.9574	0.000
5.38	31464	31435	314	42019	0.9646	0.000
5.39	31523	31493	315	42334	0.9718	0.000
5.40	31581	31552	316	42649	0.9791	0.000
5.41	31640	31610	316	42965	0.9863	0.000
5.42	31698	31669	317	43282	0.9936	0.000
5.43	31757	31727	317	43599	1.0009	0.000
5.44	31815	31786	318	43917	1.0082	0.000
5.45	31874	31844	318	44235	1.0155	0.000
5.46	31932	31903	319	44555	1.0228	0.000
5.47	31991	31961	320	44874	1.0302	0.000
5.48	32049	32020	320	45194	1.0375	0.000
5.49	32108	32078	321	45515	1.0449	0.000
5.50	32166	32137	321	45836	1.0523	0.000

POND 6 SAND FILTER RATING CURVE

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

SAND FILTER MEDIA DATA:

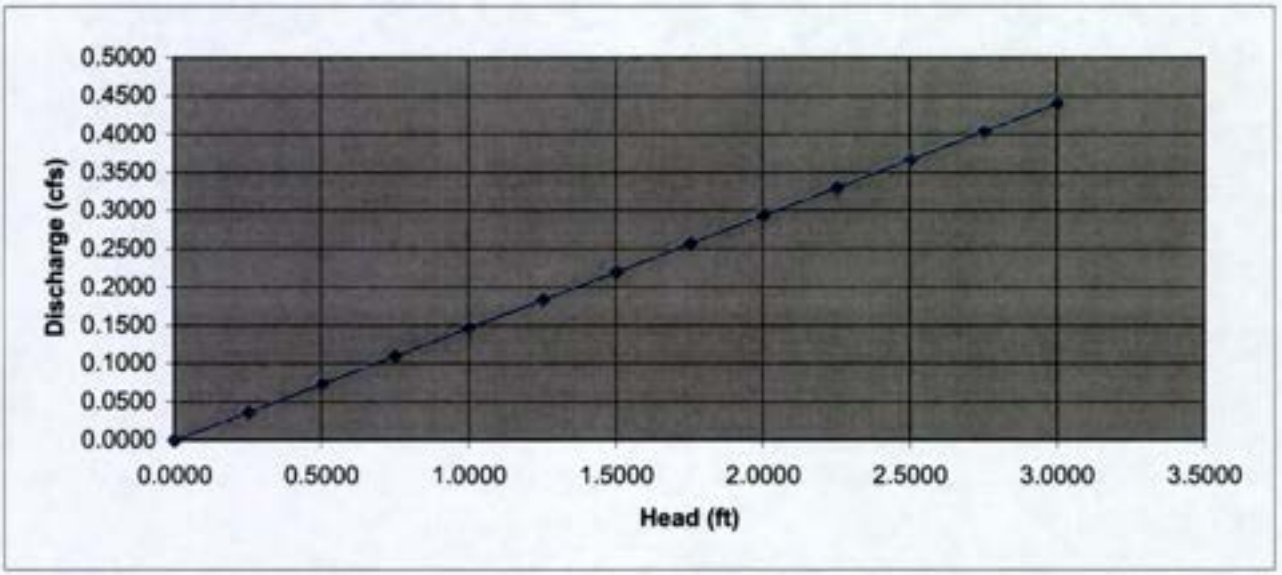
Permeability:	5.00	ft/hr
Dist. between Pipes:	2.33	ft

INFLOW PIPE DATA:

Pipe Dia. (in):	8.00	Max. Flow (gpm/ft):	26.5
Pipe Length (ft):	370.00	Max. Flow (cfs):	21.85
Roughness n:	0.0130	Increment:	0.25

SAND FILTER HEAD VS. DISCHARGE (Q=kiA)				
Required Head - h - (ft)	Filter Permeability - k - (ft/s)	Filter Flow Area - A - (sf)	Required Hydraulic Gradient - i -	Discharge - Q - (cfs)
0.0000	0.0014	246.67	0.0000	0.0000
0.2500	0.0014	246.67	0.1073	0.0368
0.5000	0.0014	246.67	0.2146	0.0735
0.7500	0.0014	246.67	0.3219	0.1103
1.0000	0.0014	246.67	0.4292	0.1470
1.2500	0.0014	246.67	0.5365	0.1838
1.5000	0.0014	246.67	0.6438	0.2206
1.7500	0.0014	246.67	0.7511	0.2573
2.0000	0.0014	246.67	0.8584	0.2941
2.2500	0.0014	246.67	0.9657	0.3308
2.5000	0.0014	246.67	1.0730	0.3676
2.7500	0.0014	246.67	1.1803	0.4043
3.0000	0.0014	246.67	1.2876	0.4411

Sand Filter Flow Area (assumed) = Diameter of Pipe x Length of Pipe
Hydraulic Gradient (i) = Change in Head/Flow Length



POND 6 FILTER SCREEN RATING CURVE

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

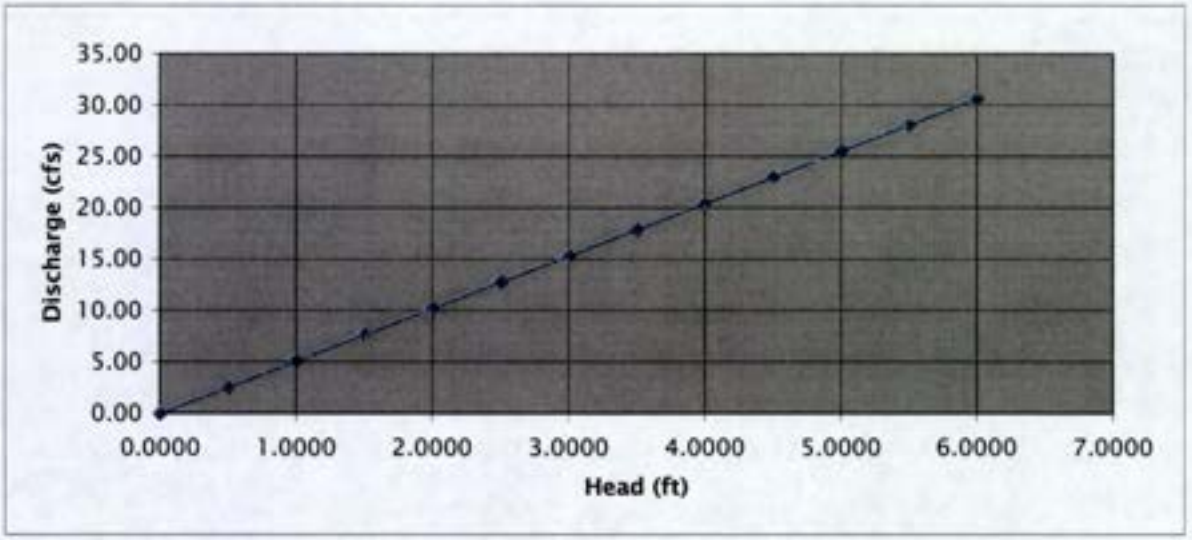
FILTER SCREEN DATA:

Fabric Type:	Trevira 1135	Flow Rate (gpm/sf):	120.00
Weight (oz/sy):	10.50	Permeability (cm/sec):	0.62
Thickness (mils):	150.00	Screen Diameter (in):	24.00

Increment: 0.5000

FILTER SCREEN HEAD VS. DISCHARGE (Q=kiA)				
Head - h -	Filter Permeability - k - (ft/s)	Filter Flow Area - A - (sf)	Hydraulic Gradient - i -	Discharge - Q - (cfs)
0.0000	0.0203	3.1416	0.00	0.00
0.5000	0.0203	3.1416	40.00	2.56
1.0000	0.0203	3.1416	80.00	5.11
1.5000	0.0203	3.1416	120.00	7.67
2.0000	0.0203	3.1416	160.00	10.22
2.5000	0.0203	3.1416	200.00	12.78
3.0000	0.0203	3.1416	240.00	15.34
3.5000	0.0203	3.1416	280.00	17.89
4.0000	0.0203	3.1416	320.00	20.45
4.5000	0.0203	3.1416	360.00	23.01
5.0000	0.0203	3.1416	400.00	25.56
5.5000	0.0203	3.1416	440.00	28.12
6.0000	0.0203	3.1416	480.00	30.67

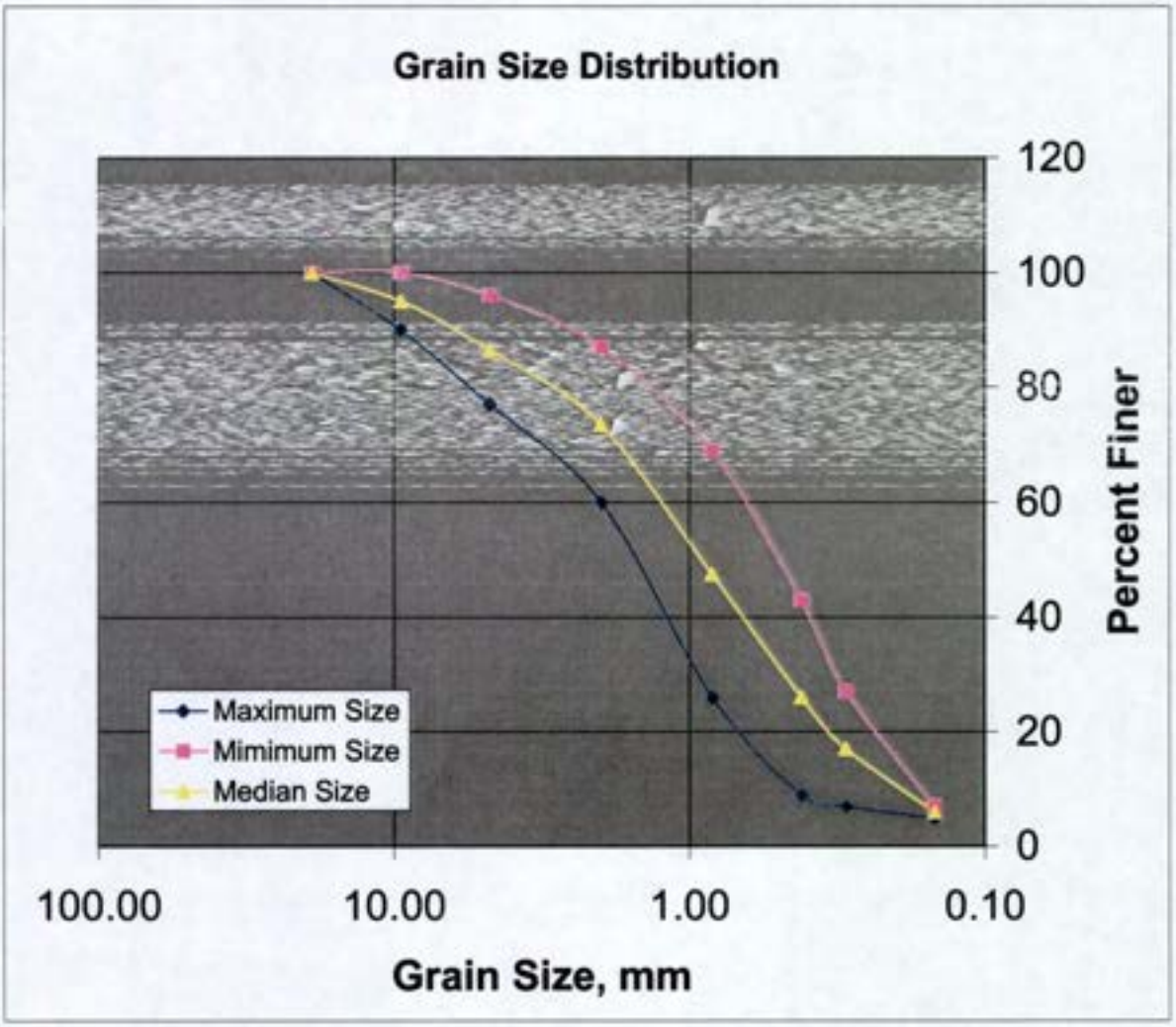
Filter Screen Flow Area = Area of Pipe
Hydraulic Gradient (i) = Change in Head/Flow Length



POND 6 FILTER GRAIN SIZE DISTRIBUTION

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

U.S. SIEVE Size or No.	Opening (mm)	Opening (in)	PERCENT FINER Maximum Size	Minimum Size	Median
0.75	19.00	0.7480315	100	100	100
0.375	9.51	0.3744095	90	100	95
4	4.76	0.1874016	77	96	86.5
10	2.00	0.0787402	60	87	73.5
20	0.84	0.0331102	26	69	47.5
40	0.42	0.0165354	9	43	26
50	0.30	0.0116929	7	27	17
100	0.15	0.0058661	5	7	6



BASIN 2C

POSTDEVELOPMENT ANALYSIS BASIN 2C DATA

Basin	Total Area (ac)	CCN	Time of Concentration (Min.)	Tributary to Node
B-70	0.508	83.0	10	S-70
B-71	0.495	84.0	10	S-71
B-73	0.608	82.9	10	S-73
B-74	0.489	82.7	10	S-74
B-76	0.410	82.9	10	S-76
B-77	0.688	83.7	10	S-77
B-79	1.138	81.6	10	S-79
B-80	0.961	84.9	10	S-80
B-81	0.508	84.3	10	S-81
POND7	0.891	92.4	10	POND7
Unrecoverable	0.762	74.0	10	N/A
Totals	7.458			

Notes:
1. Basins numbered for consistency with structures rather than in sequence.
2. CCN - Composite Curve Number.

POSTDEVELOPMENT ANALYSIS BASIN 2C RUNOFF CHARACTERISTICS

Basin	Total Area (ac)	Impervious Area		Pervious Area		Undeveloped Area		Pond Area		CCN
		Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	Area (Ac)	CN	
Basin 2C by Onsite/Offsite Area										
Onsite	6.695	2.242	98	3.823	74	-	-	0.631	100.0	84.5
Unrecoverable	0.762	-	-	0.762	74	-	-	-	-	74.0
Totals	7.458	2.242	98	4.585	74	-	-	0.631	100	83.4
WMA Tributary Area										
B-70	0.5078	0.1898	98	0.318	74	-	-	-	-	83.0
B-71	0.4950	0.2063	98	0.289	74	-	-	-	-	84.0
B-73	0.6077	0.2254	98	0.382	74	-	-	-	-	82.9
B-74	0.4885	0.1772	98	0.311	74	-	-	-	-	82.7
B-76	0.4102	0.1517	98	0.259	74	-	-	-	-	82.9
B-77	0.6875	0.2790	98	0.409	74	-	-	-	-	83.7
B-79	1.1383	0.3586	98	0.780	74	-	-	-	-	81.6
B-80	0.9613	0.4365	98	0.525	74	-	-	-	-	84.9
B-81	0.5080	0.2171	98	0.291	74	-	-	-	-	84.3
POND7	0.8910	-	98	0.260	74	-	-	0.631	100.0	92.4
Totals	6.695	2.242		3.823		-		0.631		

Notes:

1. Development results is mass grading and significant fill (±4') over the entire site.
2. Due to mass grading and fill, undeveloped site HSG of D not representative in postdevelopment condition. For postdevelopment, assumed HSG of C.
3. Onsite developed pervious area CN of 74 based on Open Space (lawns, etc.) land cover, good condition, and HSG C per NEH Part 630 Table 9-5.
4. Offsite developed pervious area CN of 80 based on Open Space (lawns, etc.) land cover, good condition, and HSG D per NEH Part 630 Table 9-5.
5. Pond CN area based on normal water level.

POSTDEVELOPMENT ANALYSIS BASIN 2C NODE DATA

Node	Initial Stage (Ft)	Warning Stage (Ft)	Grate Elev (Ft)	Invert Elev (Ft)	Natural Basin Storage												Tributary Basins
					Item 1		Item 2		Item 3		Item 4		Item 5		Item 6		
					Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	Elev (Ft)	Area (SF)	
S-70	2.80	6.21	6.21	2.50	-	-	-	-	-	-	-	-	-	-	-	-	B-70
S-71	2.80	6.21	6.21	1.70	-	-	-	-	-	-	-	-	-	-	-	-	B-71
S-72	2.80	7.23	7.23	0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
S-73	2.80	6.20	6.20	2.50	-	-	-	-	-	-	-	-	-	-	-	-	B-73
S-74	2.80	6.20	6.20	1.70	-	-	-	-	-	-	-	-	-	-	-	-	B-74
S-75	2.80	7.17	7.17	0.65	-	-	-	-	-	-	-	-	-	-	-	-	-
S-76	2.80	6.20	6.20	0.35	-	-	-	-	-	-	-	-	-	-	-	-	B-76
S-77	2.80	6.20	6.20	-0.50	-	-	-	-	-	-	-	-	-	-	-	-	B-77
S-79	2.80	5.90	5.90	1.00	-	-	-	-	-	-	-	-	-	-	-	-	B-79
S-80	2.80	5.89	5.89	0.50	-	-	-	-	-	-	-	-	-	-	-	-	B-80
S-81	2.80	5.90	5.90	-0.50	-	-	-	-	-	-	-	-	-	-	-	-	B-81
POND7	2.80	5.50	3.50	-1.00	3.50	11,357	4.00	13,603	4.50	15,885	5.00	16,969	5.50	18,059	-	-	POND7

POSTDEVELOPMENT BASIN 2C INLET SIZING

Node	Grate Elev (Ft)	Tributary Basins	Tributary Area (Ac)	Impervious Area		Pervious Area		Runoff Coefficient (C)	TOC (Min)	Intensity (In/Hr)	Inlet Flow (CFS)	Standard Inlet Type
				Area (Ac)	C	Area (Ac)	C					
S-70	6.21	B-70	0.508	0.190	0.95	0.318	0.3	0.54	10	8.1	2.23	Type V
S-71	6.21	B-71	0.495	0.206	0.95	0.289	0.3	0.57	10	8.1	2.29	Type V
S-73	6.20	B-73	0.489	0.177	0.95	0.311	0.3	0.54	10	8.1	2.12	Type V
S-74	6.20	B-74	0.410	0.152	0.95	0.259	0.3	0.54	10	8.1	1.80	Type V
S-76	6.20	B-76	1.138	0.359	0.95	0.780	0.3	0.50	10	8.1	4.65	Type V
S-77	6.20	B-77	1.138	0.359	0.95	0.780	0.3	0.50	10	8.1	4.65	Type V
S-79	5.90	B-79	1.138	0.359	0.95	0.780	0.3	0.50	10	8.1	4.65	Type V
S-80	5.89	B-80	0.961	0.437	0.95	0.525	0.3	0.60	10	8.1	4.63	Type V
S-81	5.90	B-81	0.508	0.217	0.95	0.291	0.3	0.58	10	8.1	2.38	Type C

Inlet	Grate Capacity Option A (CFS)	Grate Capacity Option B (CFS)
Type A	7	4
Type B	16	6
Type C	5	4
Type D	14	6
Type E	10	6
Type H	15	7
Type F	9	5
Type G	23	7
Type J	9	4
Type V	9	4

Notes:
Grate Capacity based on FDOT Std Index 229.
Flow condition A based on orifice flow with 3" water depth, 50% grate blockage.
Flow Condition B based on weir flow with 3" water depth.

POSTDEVELOPMENT ANALYSIS BASIN 2C LINK DATA

Pipe Data

Name	From Node	To Node	Pipe Dia (In)	Count	Length (Ft)	US Invert	DS Invert	% Slope	N	Inlet Loss	Exit Loss	DS Defl.	Bend Loss
L-70	S-70	S-71	15	1	24.25	2.50	1.95	2.27	0.012	0.20	1.000	90°	0.70
L-71	S-71	S-72	18	1	119.13	1.70	1.15	0.46	0.012	0.20	1.000	40°	0.39
L-72	S-72	S-76	24	1	106.68	0.65	0.35	0.28	0.012	0.20	1.000	0°	0.00
L-73	S-73	S-74	15	1	24.25	2.50	1.95	2.27	0.012	0.20	1.000	90°	0.70
L-74	S-74	S-75	18	1	106.64	1.70	1.15	0.52	0.012	0.20	1.000	40°	0.39
L-75	S-75	S-76	24	1	106.68	0.65	0.35	0.28	0.012	0.20	1.000	90°	0.70
L-76	S-76	S-77	24	1	24.25	0.35	0.00	1.44	0.012	0.20	1.000	0°	0.00
L-77	S-77	POND7	30	1	120.64	-0.50	-1.00	0.41	0.012	0.20	1.000	0°	0.00
L-79	S-79	S-80	24	1	157.63	1.00	0.50	0.32	0.012	0.20	1.000	120°	1.00
L-80	S-80	S-81	24	1	227.96	0.50	0.00	0.22	0.012	0.20	1.000	70°	0.62
L-81	S-81	POND7	30	1	76.72	-0.50	-1.00	0.65	0.012	0.20	1.000	0°	0.00

Outfall Structure Data

Description	Weir 1	Weir2	
Structure Type	Type C Infall	Earthen Berm	-
Primary Weir Type	Vertical Rectangular	Vertical Rectangular	-
Primary Weir Elevation	3.25 Feet	4.50 Feet	-
Primary Weir Span	24 Inches	756 Feet (9072 Inches)	-
Primary Weir Rise	N/A	N/A	-

POSTDEVELOPMENT BASIN 2C DETENTION TREATMENT VOLUME ANALYSIS

General Worksheet Notes

Developed Pervious Area C:

Runoff Coefficents use in Analysis

Impervious Area C:	0.95
Developed Pervious Area C:	0.30
Undeveloped Pervious Area C:	0.20
Pond Area C:	0.30

Project Area										
Basin	Total Tributary Area									
	Total Area (ac)	Impervious Area		Pervious Area		Undeveloped Area		Pond Area		CC
		Area (Ac)	C	Area (Ac)	C	Area (Ac)	C	Area (Ac)	C	
B-70	0.5078	0.1898	0.95	0.318	0.3	0	0.2	0	1	0.54
B-71	0.495	0.2063	0.95	0.2887	0.3	0	0.2	0	1	0.57
B-73	0.6077	0.2254	0.95	0.3823	0.3	0	0.2	0	1	0.54
B-74	0.4885	0.1772	0.95	0.3113	0.3	0	0.2	0	1	0.54
B-76	0.4102	0.1517	0.95	0.2585	0.3	0	0.2	0	1	0.54
B-77	0.6875	0.279	0.95	0.4085	0.3	0	0.2	0	1	0.56
B-79	1.1383	0.3586	0.95	0.7797	0.3	0	0.2	0	1	0.50
B-80	0.9613	0.4365	0.95	0.5248	0.3	0	0.2	0	1	0.60
B-81	0.508	0.2171	0.95	0.2909	0.3	0	0.2	0	1	0.58
POND7	0.891	0	0.95	0.2604	0.3	0	0.2	0.6306	1	0.80
Unrecoverable	0.7622	0	0.95	0.7622	0.3	0	0.2	0	1	0.30
Subtotal	7.458	2.242		3.823		-		0.631		0.52
	arwe									

Total Project Area = 6.695 Acres Compostite Runoff Coefficent (C) = 0.52

POSTDEVELOPMENT BASIN 2C DETENTION TREATMENT VOLUME ANALYSIS

Treatment Type

Proposed Treatment Method: Detention with Filtration
Required Treatment Volume: 1st 1/2" or Runoff or 1st 1" of Rainfall, whichever is greater.
OFW Additional Treatment Volume: NO

Runoff Treatment Volume (1" of Rainfall)

Treatment Volume (1"xCA) =	0.292	AF			
OFW Treatment Volume (+50%) =	-	AF			
Total Rqd. Treatment Volume =	0.292	AF	=	12,733	CF

Rainfall Treatment Volume (1/2" of Runoff)

Treatment Volume (1/2"xA) =	0.279	AF			
OFW Treatment Volume (+50%) =	-	AF			
Total Rqd. Treatment Volume =	0.279	AF	=	12,152	CF

Rqd. Treatment Volume =	12,733	CF
Rqd. Top of Treatment Volume =	4.45	Feet
Design Top of Treatment Volume =	4.50	Feet
Design Treatment Volume =	13,612	CF

Pond Data

Pond Side Slopes =	Varies				
Normal Water Level =	3.50	Ft. NGVD	Area =	11357	sf
Field Infiltration Rate =	0	Inches/Hr			
Design Factor of Safety =	3				
Design Infiltration Rate =	0	Inches/Hr			

Pond Data

Elevation (NGVD)	Area (sf)	Area (ac)	Volume (cf)	Eff. Vol. (cf)	Eff. Vol. (af)	Infil. Rate (cfs)
3.50	11357	0.2607	0	0	0.0000	0.000
4.00	13603	0.3123	6240	6240	0.1433	0.000
4.50	15885	0.3647	13612	13612	0.3125	0.000
5.00	16969	0.3896	21826	21826	0.5010	0.000
5.50	18059	0.4146	30583	30583	0.7021	0.000

BASIN 2C POND DATA

Pond Data					
Toe of Slope Elevation:	3.50	NGVD	Area:	11357	sf
Intermediate Elevation:	4.00	NGVD	Area:	13603	sf
Intermediate Elevation:	4.50	NGVD	Area:	15885	sf
Intermediate Elevation:	5.00	NGVD	Area:	16969	sf
Top of Bank Elevation:	5.50	NGVD	Area:	18059	sf

Percolation Data					
Infiltration Rate:	0	inches/hour	Depth Inc:	0.01	ft
Factor of Safety:	1				

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
3.50	11357	n/a	n/a	0	0	0.000
3.51	11402	11379	114	114	0.0026	0.000
3.52	11447	11424	114	228	0.0052	0.000
3.53	11492	11469	115	343	0.0079	0.000
3.54	11537	11514	115	458	0.0105	0.000
3.55	11582	11559	116	573	0.0132	0.000
3.56	11627	11604	116	690	0.0158	0.000
3.57	11671	11649	116	806	0.0185	0.000
3.58	11716	11694	117	923	0.0212	0.000
3.59	11761	11739	117	1040	0.0239	0.000
3.60	11806	11784	118	1158	0.0266	0.000
3.61	11851	11829	118	1276	0.0293	0.000
3.62	11896	11874	119	1395	0.0320	0.000
3.63	11941	11919	119	1514	0.0348	0.000
3.64	11986	11963	120	1634	0.0375	0.000
3.65	12031	12008	120	1754	0.0403	0.000
3.66	12076	12053	121	1875	0.0430	0.000
3.67	12121	12098	121	1996	0.0458	0.000
3.68	12166	12143	121	2117	0.0486	0.000
3.69	12210	12188	122	2239	0.0514	0.000
3.70	12255	12233	122	2361	0.0542	0.000
3.71	12300	12278	123	2484	0.0570	0.000
3.72	12345	12323	123	2607	0.0599	0.000
3.73	12390	12368	124	2731	0.0627	0.000
3.74	12435	12413	124	2855	0.0655	0.000
3.75	12480	12458	125	2980	0.0684	0.000
3.76	12525	12502	125	3105	0.0713	0.000
3.77	12570	12547	125	3230	0.0742	0.000
3.78	12615	12592	126	3356	0.0770	0.000
3.79	12660	12637	126	3482	0.0799	0.000
3.80	12705	12682	127	3609	0.0829	0.000
3.81	12750	12727	127	3737	0.0858	0.000
3.82	12794	12772	128	3864	0.0887	0.000
3.83	12839	12817	128	3992	0.0917	0.000
3.84	12884	12862	129	4121	0.0946	0.000
3.85	12929	12907	129	4250	0.0976	0.000
3.86	12974	12952	130	4380	0.1005	0.000
3.87	13019	12997	130	4510	0.1035	0.000
3.88	13064	13042	130	4640	0.1065	0.000
3.89	13109	13086	131	4771	0.1095	0.000
3.90	13154	13131	131	4902	0.1125	0.000
3.91	13199	13176	132	5034	0.1156	0.000
3.92	13244	13221	132	5166	0.1186	0.000
3.93	13289	13266	133	5299	0.1216	0.000
3.94	13333	13311	133	5432	0.1247	0.000

BASIN 2C POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
3.95	13378	13356	134	5565	0.1278	0.000
3.96	13423	13401	134	5699	0.1308	0.000
3.97	13468	13446	134	5834	0.1339	0.000
3.98	13513	13491	135	5969	0.1370	0.000
3.99	13558	13536	135	6104	0.1401	0.000
4.00	13603	13581	136	6240	0.1433	0.000
4.01	13649	13626	136	6376	0.1464	0.000
4.02	13694	13671	137	6513	0.1495	0.000
4.03	13740	13717	137	6650	0.1527	0.000
4.04	13786	13763	138	6788	0.1558	0.000
4.05	13831	13808	138	6926	0.1590	0.000
4.06	13877	13854	139	7064	0.1622	0.000
4.07	13922	13900	139	7203	0.1654	0.000
4.08	13968	13945	139	7343	0.1686	0.000
4.09	14014	13991	140	7483	0.1718	0.000
4.10	14059	14037	140	7623	0.1750	0.000
4.11	14105	14082	141	7764	0.1782	0.000
4.12	14151	14128	141	7905	0.1815	0.000
4.13	14196	14174	142	8047	0.1847	0.000
4.14	14242	14219	142	8189	0.1880	0.000
4.15	14288	14265	143	8332	0.1913	0.000
4.16	14333	14310	143	8475	0.1946	0.000
4.17	14379	14356	144	8618	0.1979	0.000
4.18	14425	14402	144	8762	0.2012	0.000
4.19	14470	14447	144	8907	0.2045	0.000
4.20	14516	14493	145	9052	0.2078	0.000
4.21	14561	14539	145	9197	0.2111	0.000
4.22	14607	14584	146	9343	0.2145	0.000
4.23	14653	14630	146	9489	0.2178	0.000
4.24	14698	14676	147	9636	0.2212	0.000
4.25	14744	14721	147	9783	0.2246	0.000
4.26	14790	14767	148	9931	0.2280	0.000
4.27	14835	14812	148	10079	0.2314	0.000
4.28	14881	14858	149	10228	0.2348	0.000
4.29	14927	14904	149	10377	0.2382	0.000
4.30	14972	14949	149	10526	0.2417	0.000
4.31	15018	14995	150	10676	0.2451	0.000
4.32	15063	15041	150	10827	0.2485	0.000
4.33	15109	15086	151	10977	0.2520	0.000
4.34	15155	15132	151	11129	0.2555	0.000
4.35	15200	15178	152	11281	0.2590	0.000
4.36	15246	15223	152	11433	0.2625	0.000
4.37	15292	15269	153	11586	0.2660	0.000
4.38	15337	15315	153	11739	0.2695	0.000
4.39	15383	15360	154	11892	0.2730	0.000
4.40	15429	15406	154	12046	0.2765	0.000
4.41	15474	15451	155	12201	0.2801	0.000
4.42	15520	15497	155	12356	0.2837	0.000
4.43	15566	15543	155	12511	0.2872	0.000
4.44	15611	15588	156	12667	0.2908	0.000
4.45	15657	15634	156	12823	0.2944	0.000
4.46	15702	15680	157	12980	0.2980	0.000
4.47	15748	15725	157	13138	0.3016	0.000
4.48	15794	15771	158	13295	0.3052	0.000

BASIN 2C POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
4.49	15839	15817	158	13453	0.3088	0.000
4.50	15885	15862	159	13612	0.3125	0.000
4.51	15907	15896	159	13771	0.3161	0.000
4.52	15928	15918	159	13930	0.3198	0.000
4.53	15950	15939	159	14090	0.3235	0.000
4.54	15972	15961	160	14249	0.3271	0.000
4.55	15993	15983	160	14409	0.3308	0.000
4.56	16015	16004	160	14569	0.3345	0.000
4.57	16037	16026	160	14729	0.3381	0.000
4.58	16058	16048	160	14890	0.3418	0.000
4.59	16080	16069	161	15050	0.3455	0.000
4.60	16102	16091	161	15211	0.3492	0.000
4.61	16123	16113	161	15372	0.3529	0.000
4.62	16145	16134	161	15534	0.3566	0.000
4.63	16167	16156	162	15695	0.3603	0.000
4.64	16189	16178	162	15857	0.3640	0.000
4.65	16210	16199	162	16019	0.3677	0.000
4.66	16232	16221	162	16181	0.3715	0.000
4.67	16254	16243	162	16344	0.3752	0.000
4.68	16275	16264	163	16506	0.3789	0.000
4.69	16297	16286	163	16669	0.3827	0.000
4.70	16319	16308	163	16832	0.3864	0.000
4.71	16340	16329	163	16996	0.3902	0.000
4.72	16362	16351	164	17159	0.3939	0.000
4.73	16384	16373	164	17323	0.3977	0.000
4.74	16405	16394	164	17487	0.4014	0.000
4.75	16427	16416	164	17651	0.4052	0.000
4.76	16449	16438	164	17815	0.4090	0.000
4.77	16470	16460	165	17980	0.4128	0.000
4.78	16492	16481	165	18145	0.4165	0.000
4.79	16514	16503	165	18310	0.4203	0.000
4.80	16535	16525	165	18475	0.4241	0.000
4.81	16557	16546	165	18641	0.4279	0.000
4.82	16579	16568	166	18806	0.4317	0.000
4.83	16600	16590	166	18972	0.4355	0.000
4.84	16622	16611	166	19138	0.4394	0.000
4.85	16644	16633	166	19305	0.4432	0.000
4.86	16665	16655	167	19471	0.4470	0.000
4.87	16687	16676	167	19638	0.4508	0.000
4.88	16709	16698	167	19805	0.4547	0.000
4.89	16731	16720	167	19972	0.4585	0.000
4.90	16752	16741	167	20139	0.4623	0.000
4.91	16774	16763	168	20307	0.4662	0.000
4.92	16796	16785	168	20475	0.4700	0.000
4.93	16817	16806	168	20643	0.4739	0.000
4.94	16839	16828	168	20811	0.4778	0.000
4.95	16861	16850	168	20980	0.4816	0.000
4.96	16882	16871	169	21148	0.4855	0.000
4.97	16904	16893	169	21317	0.4894	0.000
4.98	16926	16915	169	21487	0.4933	0.000
4.99	16947	16936	169	21656	0.4972	0.000
5.00	16969	16958	170	21826	0.5010	0.000

BASIN 2C POND DATA

Pond Elevation (NGVD)	Pond Area (sf)	Average Area (sf)	Volume Increment (cf)	Total Volume (cf)	Total Volume (af)	Infiltration Rate (cfs)
5.01	16991	16980	170	21995	0.5049	0.000
5.02	17013	17002	170	22165	0.5088	0.000
5.03	17034	17024	170	22336	0.5128	0.000
5.04	17056	17045	170	22506	0.5167	0.000
5.05	17078	17067	171	22677	0.5206	0.000
5.06	17100	17089	171	22848	0.5245	0.000
5.07	17122	17111	171	23019	0.5284	0.000
5.08	17143	17133	171	23190	0.5324	0.000
5.09	17165	17154	172	23362	0.5363	0.000
5.10	17187	17176	172	23533	0.5403	0.000
5.11	17209	17198	172	23705	0.5442	0.000
5.12	17231	17220	172	23877	0.5482	0.000
5.13	17252	17242	172	24050	0.5521	0.000
5.14	17274	17263	173	24223	0.5561	0.000
5.15	17296	17285	173	24395	0.5600	0.000
5.16	17318	17307	173	24568	0.5640	0.000
5.17	17340	17329	173	24742	0.5680	0.000
5.18	17361	17351	174	24915	0.5720	0.000
5.19	17383	17372	174	25089	0.5760	0.000
5.20	17405	17394	174	25263	0.5800	0.000
5.21	17427	17416	174	25437	0.5840	0.000
5.22	17449	17438	174	25611	0.5880	0.000
5.23	17470	17460	175	25786	0.5920	0.000
5.24	17492	17481	175	25961	0.5960	0.000
5.25	17514	17503	175	26136	0.6000	0.000
5.26	17536	17525	175	26311	0.6040	0.000
5.27	17558	17547	175	26487	0.6080	0.000
5.28	17579	17569	176	26662	0.6121	0.000
5.29	17601	17590	176	26838	0.6161	0.000
5.30	17623	17612	176	27014	0.6202	0.000
5.31	17645	17634	176	27191	0.6242	0.000
5.32	17667	17656	177	27367	0.6283	0.000
5.33	17688	17678	177	27544	0.6323	0.000
5.34	17710	17699	177	27721	0.6364	0.000
5.35	17732	17721	177	27898	0.6405	0.000
5.36	17754	17743	177	28076	0.6445	0.000
5.37	17776	17765	178	28253	0.6486	0.000
5.38	17797	17787	178	28431	0.6527	0.000
5.39	17819	17808	178	28609	0.6568	0.000
5.40	17841	17830	178	28788	0.6609	0.000
5.41	17863	17852	179	28966	0.6650	0.000
5.42	17885	17874	179	29145	0.6691	0.000
5.43	17906	17896	179	29324	0.6732	0.000
5.44	17928	17917	179	29503	0.6773	0.000
5.45	17950	17939	179	29682	0.6814	0.000
5.46	17972	17961	180	29862	0.6855	0.000
5.47	17994	17983	180	30042	0.6897	0.000
5.48	18015	18005	180	30222	0.6938	0.000
5.49	18037	18026	180	30402	0.6979	0.000
5.50	18059	18048	180	30583	0.7021	0.000

POND 7 SAND FILTER RATING CURVE

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

SAND FILTER MEDIA DATA:

Permeability:	5.00	ft/hr
Dist. between Pipes:	2.33	ft

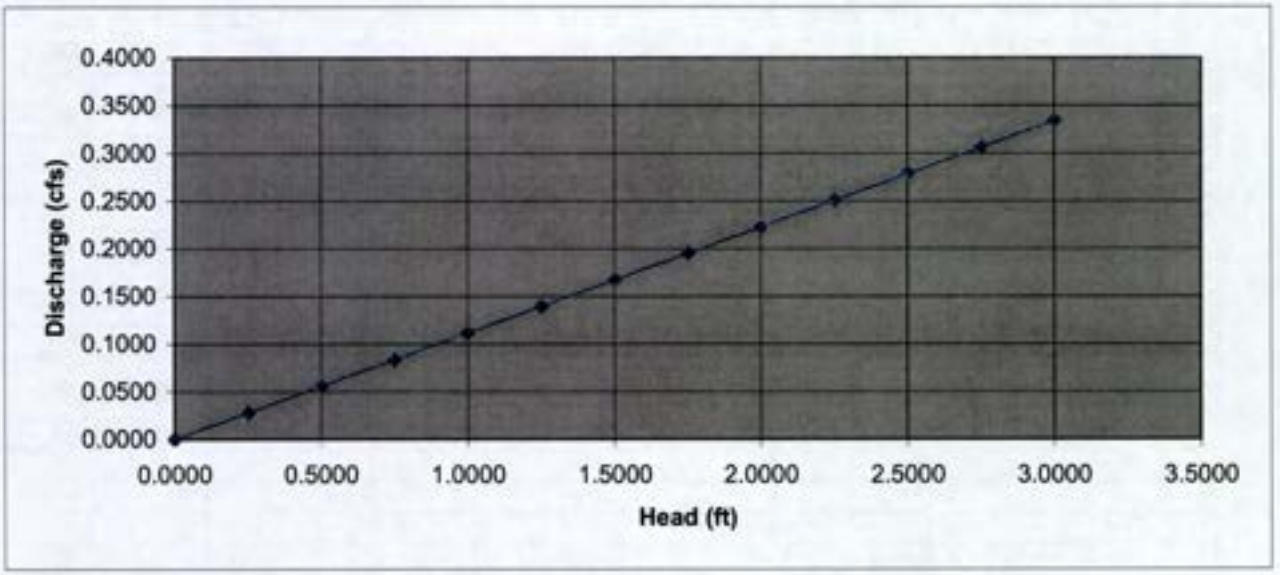
INFLOW PIPE DATA:

Pipe Dia. (in):	8.00	Max. Flow (gpm/ft):	26.5
Pipe Length (ft):	281.40	Max. Flow (cfs):	16.62
Roughness n:	0.0130	Increment:	0.25

SAND FILTER HEAD VS. DISCHARGE (Q=kiA)

Required Head - h - (ft)	Filter Permeability - k - (ft/s)	Filter Flow Area - A - (sf)	Required Hydraulic Gradient - i -	Discharge - Q - (cfs)
0.0000	0.0014	187.60	0.0000	0.0000
0.2500	0.0014	187.60	0.1071	0.0279
0.5000	0.0014	187.60	0.2143	0.0558
0.7500	0.0014	187.60	0.3214	0.0838
1.0000	0.0014	187.60	0.4286	0.1117
1.2500	0.0014	187.60	0.5357	0.1396
1.5000	0.0014	187.60	0.6429	0.1675
1.7500	0.0014	187.60	0.7500	0.1954
2.0000	0.0014	187.60	0.8571	0.2233
2.2500	0.0014	187.60	0.9643	0.2513
2.5000	0.0014	187.60	1.0714	0.2792
2.7500	0.0014	187.60	1.1786	0.3071
3.0000	0.0014	187.60	1.2857	0.3350

Sand Filter Flow Area (assumed) = Diameter of Pipe x Length of Pipe
Hydraulic Gradient (i) = Change in Head/Flow Length



POND 7 FILTER SCREEN RATING CURVE

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

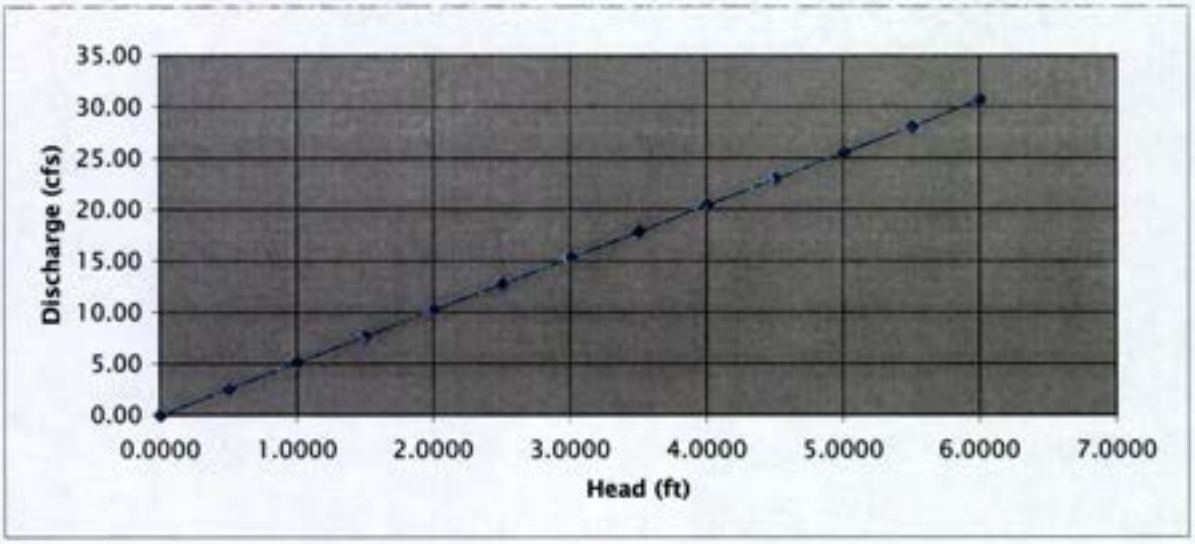
FILTER SCREEN DATA:

Fabric Type:	Trevira 1135	Flow Rate (gpm/sf):	120.00
Weight (oz/sy):	10.50	Permeability (cm/sec):	0.62
Thickness (mils):	150.00	Screen Diameter (in):	24.00

Increment: 0.5000

FILTER SCREEN HEAD VS. DISCHARGE (Q=kiA)				
Head - h -	Filter Permeability - k - (ft/s)	Filter Flow Area - A - (sf)	Hydraulic Gradient - i -	Discharge - Q - (cfs)
0.0000	0.0203	3.1416	0.00	0.00
0.5000	0.0203	3.1416	40.00	2.56
1.0000	0.0203	3.1416	80.00	5.11
1.5000	0.0203	3.1416	120.00	7.67
2.0000	0.0203	3.1416	160.00	10.22
2.5000	0.0203	3.1416	200.00	12.78
3.0000	0.0203	3.1416	240.00	15.34
3.5000	0.0203	3.1416	280.00	17.89
4.0000	0.0203	3.1416	320.00	20.45
4.5000	0.0203	3.1416	360.00	23.01
5.0000	0.0203	3.1416	400.00	25.56
5.5000	0.0203	3.1416	440.00	28.12
6.0000	0.0203	3.1416	480.00	30.67

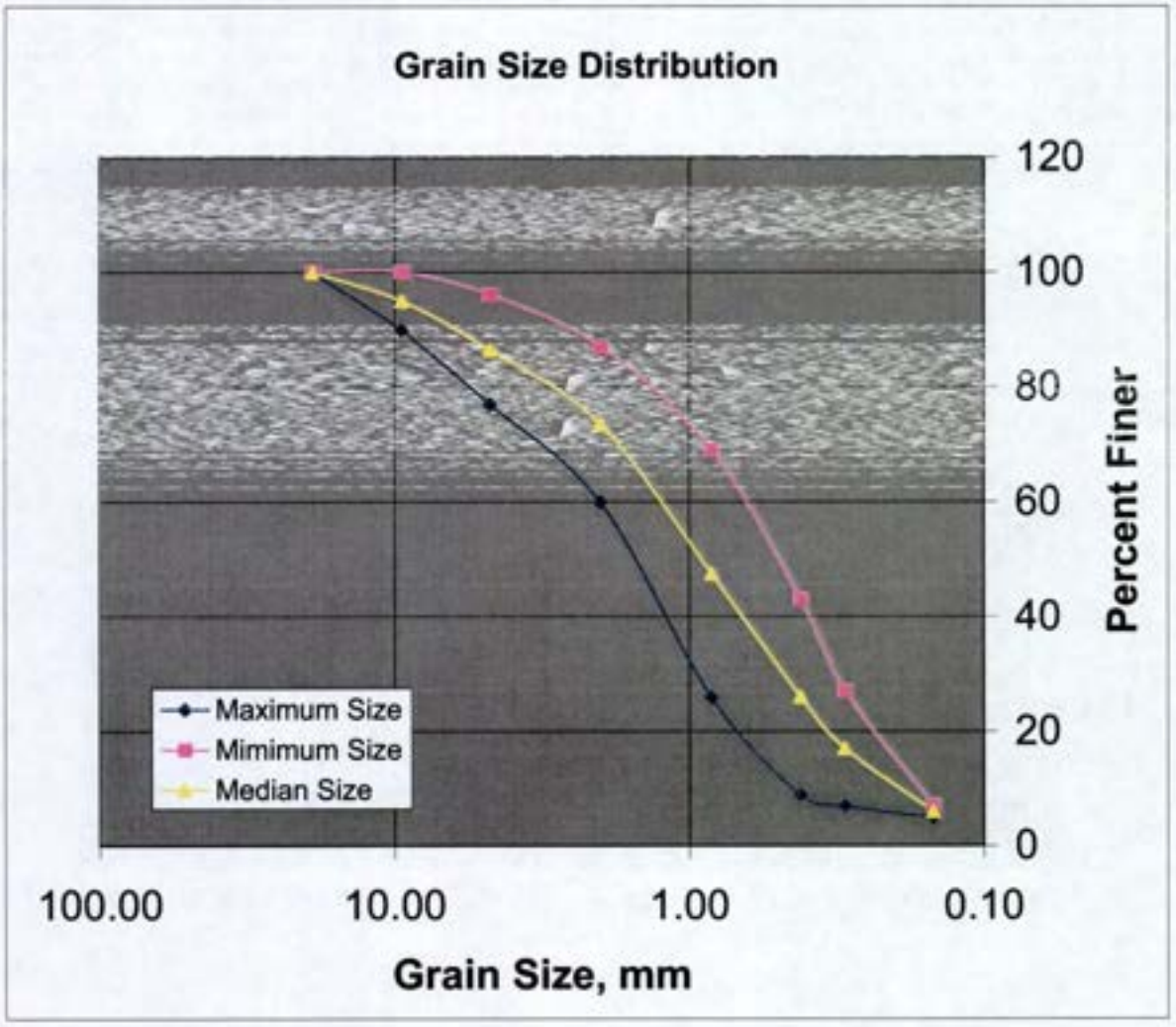
Filter Screen Flow Area = Area of Pipe
Hydraulic Gradient (i) = Change in Head/Flow Length



POND 7 FILTER GRAIN SIZE DISTRIBUTION

Description: Laird Point Subdivision - Phase 2 **Job Number:** 9682

U.S. SIEVE Size or No.	Opening (mm)	Opening (in)	PERCENT FINER Maximum Size	Minimum Size	Median
0.75	19.00	0.7480315	100	100	100
0.375	9.51	0.3744095	90	100	95
4	4.76	0.1874016	77	96	86.5
10	2.00	0.0787402	60	87	73.5
20	0.84	0.0331102	26	69	47.5
40	0.42	0.0165354	9	43	26
50	0.30	0.0116929	7	27	17
100	0.15	0.0058661	5	7	6



BASIN 2A

ICPR Flood Routing Analysis Results:

- Node Maximum Comparison Report
- Node Maximum Conditions Report
- Link Maximum Comparison Report
- Hydrology Summary Report

ICPR Flood Analysis Input Data:

- Model Diagram
- Input Report

BASIN 2B

ICPR Flood Routing Analysis Results:

- Node Maximum Comparison Report
- Node Maximum Conditions Report
- Link Maximum Comparison Report
- Hydrology Summary Report

ICPR Flood Analysis Input Data:

- Model Diagram
- Input Report

BASIN 2C

ICPR Flood Routing Analysis Results:

- Node Maximum Comparison Report
- Node Maximum Conditions Report
- Link Maximum Comparison Report
- Hydrology Summary Report

ICPR Flood Analysis Input Data:

- Model Diagram
- Input Report

BASIN 2A

Laird Point - Phase 2
Basin 2A
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
FP1END	BASE	25-1	0.72	4.894	5.500	0.0032	116	0.44	0.623	0.67	0.147
FP1END	BASE	25-2	0.87	4.890	5.500	0.0021	116	0.44	0.529	0.86	0.146
FP1END	BASE	25-24	11.91	4.817	5.500	0.0009	116	0.00	0.274	11.91	0.142
FP1END	BASE	25-4	2.03	4.857	5.500	0.0015	116	1.09	0.418	2.03	0.144
FP1END	BASE	25-8	4.01	4.867	5.500	0.0013	116	1.83	0.365	4.01	0.145
FP2END	BASE	25-1	0.84	2.591	5.500	0.0005	161	0.67	0.147	0.87	0.145
FP2END	BASE	25-2	0.94	2.591	5.500	0.0004	161	0.86	0.146	0.96	0.146
FP2END	BASE	25-24	11.86	2.586	5.500	0.0003	161	11.91	0.142	11.88	0.142
FP2END	BASE	25-4	2.06	2.589	5.500	0.0003	161	2.03	0.144	2.07	0.144
FP2END	BASE	25-8	4.02	2.589	5.500	0.0003	161	4.01	0.145	4.02	0.145
INFALL	BASE	25-1	0.71	4.920	5.500	0.0035	116	0.41	1.243	0.44	0.623
INFALL	BASE	25-2	0.86	4.916	5.500	0.0025	116	0.41	0.990	0.44	0.529
INFALL	BASE	25-24	11.91	4.842	5.500	0.0017	116	0.00	0.800	0.00	0.274
INFALL	BASE	25-4	2.02	4.882	5.500	0.0017	116	0.00	0.800	1.09	0.418
INFALL	BASE	25-8	4.00	4.892	5.500	0.0017	116	0.00	0.800	1.83	0.365
OUTFALL	BASE	25-1	0.91	2.376	5.500	0.0005	164	0.87	0.145	0.91	0.145
OUTFALL	BASE	25-2	1.00	2.377	5.500	0.0003	164	0.96	0.146	1.00	0.146
OUTFALL	BASE	25-24	11.94	2.374	5.500	0.0003	163	11.88	0.142	11.94	0.142
OUTFALL	BASE	25-4	2.11	2.375	5.500	0.0003	163	2.07	0.144	2.11	0.144
OUTFALL	BASE	25-8	4.04	2.376	5.500	0.0003	164	4.02	0.145	4.04	0.145
POND1	BASE	25-1	0.72	5.134	6.000	-0.3189	5947	0.67	14.150	0.00	45.847
POND1	BASE	25-2	0.87	5.111	6.000	-0.3189	5915	0.84	13.060	0.00	45.847
POND1	BASE	25-24	11.99	4.858	6.000	-0.3189	5574	3.58	5.845	0.00	45.847
POND1	BASE	25-4	2.03	4.954	6.000	-0.3189	5700	2.00	7.463	0.00	45.847
POND1	BASE	25-8	4.00	4.991	6.000	-0.3189	5748	3.99	8.755	0.00	45.847
POND2	BASE	25-1	0.70	4.923	6.000	-0.1799	5133	0.68	21.182	0.70	20.820
POND2	BASE	25-2	0.86	4.919	6.000	-0.1799	5128	0.86	20.450	0.86	19.885
POND2	BASE	25-24	11.91	4.845	6.000	-0.1799	5031	3.58	8.418	11.91	4.652
POND2	BASE	25-4	2.02	4.884	6.000	-0.1799	5083	1.99	12.399	2.02	11.910
POND2	BASE	25-8	4.00	4.894	6.000	-0.1799	5096	3.83	14.855	4.00	14.068
S-1	BASE	25-1	0.72	5.088	5.860	0.0040	114	0.58	0.517	0.48	0.847
S-1	BASE	25-2	0.86	5.070	5.860	0.0040	114	0.83	0.442	0.69	0.887
S-1	BASE	25-24	11.48	4.856	5.860	0.0040	114	12.00	0.090	12.12	0.434
S-1	BASE	25-4	1.99	4.941	5.860	0.0040	114	2.00	0.245	1.86	0.664
S-1	BASE	25-8	3.99	4.972	5.860	0.0040	114	4.00	0.281	3.83	0.747
S-10	BASE	25-1	0.67	5.977	6.150	-0.0032	119	0.58	3.537	0.65	3.345
S-10	BASE	25-2	0.84	5.833	6.150	-0.0030	119	0.83	3.109	0.84	3.045
S-10	BASE	25-24	11.98	4.890	6.150	0.0025	119	12.00	0.648	11.99	0.652
S-10	BASE	25-4	2.01	5.184	6.150	0.0025	119	2.00	1.730	2.00	1.726
S-10	BASE	25-8	4.00	5.309	6.150	0.0025	119	4.00	2.023	4.00	2.021
S-11	BASE	25-1	0.68	5.433	6.160	0.0336	120	0.64	5.703	0.67	5.636
S-11	BASE	25-2	0.84	5.377	6.160	0.0336	120	0.83	5.207	0.84	5.170

Laird Point - Phase 2
Basin 2A
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-11	BASE	25-24	11.98	4.870	6.160	0.0336	120	11.99	1.118	0.00	1.492
S-11	BASE	25-4	2.01	5.040	6.160	0.0336	120	2.00	2.940	2.00	2.938
S-11	BASE	25-8	4.00	5.111	6.160	0.0336	120	4.00	3.471	4.00	3.470
S-13	BASE	25-1	0.72	5.057	6.000	0.3296	124	0.00	45.847	0.72	14.461
S-13	BASE	25-2	0.86	5.043	6.000	0.3296	124	0.00	45.847	0.86	14.011
S-13	BASE	25-24	11.98	4.859	6.000	0.3296	124	0.00	45.847	3.58	7.187
S-13	BASE	25-4	1.99	4.932	6.000	0.3296	124	0.00	45.847	1.98	8.668
S-13	BASE	25-8	3.83	4.959	6.000	0.3296	124	0.00	45.847	3.83	10.423
S-14	BASE	25-1	0.67	5.735	6.150	0.0041	120	0.58	4.894	0.66	4.841
S-14	BASE	25-2	0.84	5.610	6.150	0.0041	120	0.83	4.510	0.84	4.464
S-14	BASE	25-24	11.91	4.877	6.150	0.0041	120	12.00	0.990	11.92	1.000
S-14	BASE	25-4	2.00	5.101	6.150	0.0041	120	2.00	2.537	2.00	2.533
S-14	BASE	25-8	4.00	5.212	6.150	0.0041	120	4.00	3.077	4.00	3.075
S-15	BASE	25-1	0.67	5.269	6.350	0.0339	121	0.64	5.956	0.65	5.943
S-15	BASE	25-2	0.84	5.213	6.350	0.0339	121	0.83	5.470	0.84	5.458
S-15	BASE	25-24	11.91	4.858	6.350	0.0339	121	11.92	1.209	11.92	1.230
S-15	BASE	25-4	2.01	4.975	6.350	0.0339	121	2.00	3.095	2.00	3.094
S-15	BASE	25-8	4.00	5.027	6.350	0.0339	121	4.00	3.729	4.00	3.729
S-2	BASE	25-1	0.71	5.085	5.860	0.0175	116	0.48	1.471	0.48	3.635
S-2	BASE	25-2	0.86	5.066	5.860	0.0175	116	0.69	1.460	0.69	3.889
S-2	BASE	25-24	11.85	4.856	5.860	0.0175	116	12.12	0.558	11.85	1.215
S-2	BASE	25-4	2.02	4.940	5.860	0.0175	116	1.99	1.044	1.99	3.087
S-2	BASE	25-8	4.01	4.968	5.860	0.0175	116	3.83	1.189	3.83	3.674
S-3	BASE	25-1	0.68	5.604	6.140	0.0037	114	0.58	2.602	0.66	2.404
S-3	BASE	25-2	0.84	5.525	6.140	0.0037	114	0.83	2.250	0.83	2.198
S-3	BASE	25-24	11.98	4.877	6.140	0.0037	114	12.00	0.461	11.99	0.464
S-3	BASE	25-4	2.01	5.093	6.140	0.0037	114	2.00	1.247	2.00	1.244
S-3	BASE	25-8	4.00	5.180	6.140	0.0037	114	4.00	1.441	4.00	1.440
S-4	BASE	25-1	0.69	5.505	6.140	0.0037	114	0.58	0.764	0.69	0.692
S-4	BASE	25-2	0.85	5.440	6.140	0.0037	114	0.83	0.677	0.86	0.650
S-4	BASE	25-24	11.98	4.873	6.140	0.0037	114	12.00	0.142	12.66	0.282
S-4	BASE	25-4	2.01	5.066	6.140	0.0037	114	2.00	0.377	2.02	0.376
S-4	BASE	25-8	4.00	5.143	6.140	0.0037	114	4.00	0.444	4.01	0.445
S-5	BASE	25-1	0.69	5.496	7.000	0.0046	119	0.67	3.075	0.68	3.033
S-5	BASE	25-2	0.85	5.432	7.000	0.0046	119	0.84	2.830	0.85	2.812
S-5	BASE	25-24	11.98	4.872	7.000	0.0046	119	12.46	0.664	4.75	0.671
S-5	BASE	25-4	2.01	5.063	7.000	0.0046	119	2.00	1.618	2.01	1.617
S-5	BASE	25-8	4.00	5.139	7.000	0.0046	119	4.00	1.882	4.00	1.884
S-6	BASE	25-1	0.70	5.345	5.950	0.0039	114	0.58	1.055	0.67	0.988
S-6	BASE	25-2	0.85	5.301	5.950	0.0039	114	0.83	0.975	0.84	0.938
S-6	BASE	25-24	11.98	4.867	5.950	0.0039	114	12.00	0.215	4.75	0.485
S-6	BASE	25-4	2.01	5.020	5.950	0.0039	114	2.00	0.549	2.00	0.546

Laird Point - Phase 2
Basin 2A
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-6	BASE	25-8	4.00	5.082	5.950	0.0039	114	4.00	0.667	4.00	0.666
S-7	BASE	25-1	0.70	5.330	5.950	0.0165	123	0.67	5.460	0.67	5.407
S-7	BASE	25-2	0.85	5.287	5.950	0.0165	123	0.84	5.056	0.84	5.029
S-7	BASE	25-24	11.98	4.866	5.950	0.0165	123	10.26	1.316	12.74	1.587
S-7	BASE	25-4	2.02	5.015	5.950	0.0165	123	2.00	2.905	2.01	2.903
S-7	BASE	25-8	4.00	5.075	5.950	0.0165	123	4.00	3.411	4.00	3.410
S-8	BASE	25-1	0.71	5.220	5.950	0.0055	114	0.58	1.240	0.67	1.125
S-8	BASE	25-2	0.86	5.190	5.950	0.0055	114	0.83	1.075	0.83	1.045
S-8	BASE	25-24	11.98	4.861	5.950	0.0055	114	12.00	0.221	12.74	0.592
S-8	BASE	25-4	2.02	4.982	5.950	0.0055	114	2.00	0.596	1.26	0.737
S-8	BASE	25-8	4.00	5.029	5.950	0.0055	114	4.00	0.690	4.00	0.689
S-9	BASE	25-1	0.71	5.202	5.950	0.0982	125	0.67	7.384	0.67	7.331
S-9	BASE	25-2	0.86	5.173	5.950	0.0982	125	0.84	6.847	0.84	6.820
S-9	BASE	25-24	11.98	4.861	5.950	0.0982	125	12.74	2.292	3.58	4.339
S-9	BASE	25-4	2.02	4.976	5.950	0.0982	125	2.00	3.932	1.26	5.116
S-9	BASE	25-8	4.00	5.021	5.950	0.0982	125	4.00	4.603	2.20	4.815
WETLAND	BASE	25-1	0.00	2.000	2.000	0.0000	3	0.70	20.793	0.00	0.000
WETLAND	BASE	25-2	0.00	2.000	2.000	0.0000	3	0.86	19.877	0.00	0.000
WETLAND	BASE	25-24	0.00	2.000	2.000	0.0000	3	11.91	4.650	0.00	0.000
WETLAND	BASE	25-4	0.00	2.000	2.000	0.0000	3	2.02	11.906	0.00	0.000
WETLAND	BASE	25-8	0.00	2.000	2.000	0.0000	3	4.00	14.068	0.00	0.000

Laird Point - Phase 2
Basin 2A
Node Max Coonditions Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
FP1END	BASE	25-1	0.72	4.894	5.500	0.0032	116	0.44	0.623	0.67	0.147
FP2END	BASE	25-1	0.84	2.591	5.500	0.0005	161	0.67	0.147	0.87	0.145
INFALL	BASE	25-1	0.71	4.920	5.500	0.0035	116	0.41	1.243	0.44	0.623
OUTFALL	BASE	25-1	0.91	2.376	5.500	0.0005	164	0.87	0.145	0.91	0.145
POND1	BASE	25-1	0.72	5.134	6.000	-0.3189	5947	0.67	14.150	0.00	45.847
POND2	BASE	25-1	0.70	4.923	6.000	-0.1799	5133	0.68	21.182	0.70	20.820
S-1	BASE	25-1	0.72	5.088	5.860	0.0040	114	0.58	0.517	0.48	0.847
S-10	BASE	25-1	0.67	5.977	6.150	-0.0032	119	0.58	3.537	0.65	3.345
S-11	BASE	25-1	0.68	5.433	6.160	0.0336	120	0.64	5.703	0.67	5.636
S-13	BASE	25-1	0.72	5.057	6.000	0.3296	124	0.00	45.847	0.72	14.461
S-14	BASE	25-1	0.67	5.735	6.150	0.0041	120	0.58	4.894	0.66	4.841
S-15	BASE	25-1	0.67	5.269	6.350	0.0339	121	0.64	5.956	0.65	5.943
S-2	BASE	25-1	0.71	5.085	5.860	0.0175	116	0.48	1.471	0.48	3.635
S-3	BASE	25-1	0.68	5.604	6.140	0.0037	114	0.58	2.602	0.66	2.404
S-4	BASE	25-1	0.69	5.505	6.140	0.0037	114	0.58	0.764	0.69	0.692
S-5	BASE	25-1	0.69	5.496	7.000	0.0046	119	0.67	3.075	0.68	3.033
S-6	BASE	25-1	0.70	5.345	5.950	0.0039	114	0.58	1.055	0.67	0.988
S-7	BASE	25-1	0.70	5.330	5.950	0.0165	123	0.67	5.460	0.67	5.407
S-8	BASE	25-1	0.71	5.220	5.950	0.0055	114	0.58	1.240	0.67	1.125
S-9	BASE	25-1	0.71	5.202	5.950	0.0982	125	0.67	7.384	0.67	7.331
WETLAND	BASE	25-1	0.00	2.000	2.000	0.0000	3	0.70	20.793	0.00	0.000
FP1END	BASE	25-2	0.87	4.890	5.500	0.0021	116	0.44	0.529	0.86	0.146
FP2END	BASE	25-2	0.94	2.591	5.500	0.0004	161	0.86	0.146	0.96	0.146
INFALL	BASE	25-2	0.86	4.916	5.500	0.0025	116	0.41	0.990	0.44	0.529
OUTFALL	BASE	25-2	1.00	2.377	5.500	0.0003	164	0.96	0.146	1.00	0.146
POND1	BASE	25-2	0.87	5.111	6.000	-0.3189	5915	0.84	13.060	0.00	45.847
POND2	BASE	25-2	0.86	4.919	6.000	-0.1799	5128	0.86	20.450	0.86	19.885
S-1	BASE	25-2	0.86	5.070	5.860	0.0040	114	0.83	0.442	0.69	0.887
S-10	BASE	25-2	0.84	5.833	6.150	-0.0030	119	0.83	3.109	0.84	3.045
S-11	BASE	25-2	0.84	5.377	6.160	0.0336	120	0.83	5.207	0.84	5.170
S-13	BASE	25-2	0.86	5.043	6.000	0.3296	124	0.00	45.847	0.86	14.011
S-14	BASE	25-2	0.84	5.610	6.150	0.0041	120	0.83	4.510	0.84	4.464
S-15	BASE	25-2	0.84	5.213	6.350	0.0339	121	0.83	5.470	0.84	5.458
S-2	BASE	25-2	0.86	5.066	5.860	0.0175	116	0.69	1.460	0.69	3.889
S-3	BASE	25-2	0.84	5.525	6.140	0.0037	114	0.83	2.250	0.83	2.198
S-4	BASE	25-2	0.85	5.440	6.140	0.0037	114	0.83	0.677	0.86	0.650
S-5	BASE	25-2	0.85	5.432	7.000	0.0046	119	0.84	2.830	0.85	2.812
S-6	BASE	25-2	0.85	5.301	5.950	0.0039	114	0.83	0.975	0.84	0.938
S-7	BASE	25-2	0.85	5.287	5.950	0.0165	123	0.84	5.056	0.84	5.029
S-8	BASE	25-2	0.86	5.190	5.950	0.0055	114	0.83	1.075	0.83	1.045
S-9	BASE	25-2	0.86	5.173	5.950	0.0982	125	0.84	6.847	0.84	6.820
WETLAND	BASE	25-2	0.00	2.000	2.000	0.0000	3	0.86	19.877	0.00	0.000
FP1END	BASE	25-24	11.91	4.817	5.500	0.0009	116	0.00	0.274	11.91	0.142
FP2END	BASE	25-24	11.86	2.586	5.500	0.0003	161	11.91	0.142	11.88	0.142
INFALL	BASE	25-24	11.91	4.842	5.500	0.0017	116	0.00	0.800	0.00	0.274
OUTFALL	BASE	25-24	11.94	2.374	5.500	0.0003	163	11.88	0.142	11.94	0.142
POND1	BASE	25-24	11.99	4.858	6.000	-0.3189	5574	3.58	5.845	0.00	45.847
POND2	BASE	25-24	11.91	4.845	6.000	-0.1799	5031	3.58	8.418	11.91	4.652
S-1	BASE	25-24	11.48	4.856	5.860	0.0040	114	12.00	0.090	12.12	0.434
S-10	BASE	25-24	11.98	4.890	6.150	0.0025	119	12.00	0.648	11.99	0.652

Laird Point - Phase 2
Basin 2A
Node Max Coonditions Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-11	BASE	25-24	11.98	4.870	6.160	0.0336	120	11.99	1.118	0.00	1.492
S-13	BASE	25-24	11.98	4.859	6.000	0.3296	124	0.00	45.847	3.58	7.187
S-14	BASE	25-24	11.91	4.877	6.150	0.0041	120	12.00	0.990	11.92	1.000
S-15	BASE	25-24	11.91	4.858	6.350	0.0339	121	11.92	1.209	11.92	1.230
S-2	BASE	25-24	11.85	4.856	5.860	0.0175	116	12.12	0.558	11.85	1.215
S-3	BASE	25-24	11.98	4.877	6.140	0.0037	114	12.00	0.461	11.99	0.464
S-4	BASE	25-24	11.98	4.873	6.140	0.0037	114	12.00	0.142	12.66	0.282
S-5	BASE	25-24	11.98	4.872	7.000	0.0046	119	12.46	0.664	4.75	0.671
S-6	BASE	25-24	11.98	4.867	5.950	0.0039	114	12.00	0.215	4.75	0.485
S-7	BASE	25-24	11.98	4.866	5.950	0.0165	123	10.26	1.316	12.74	1.587
S-8	BASE	25-24	11.98	4.861	5.950	0.0055	114	12.00	0.221	12.74	0.592
S-9	BASE	25-24	11.98	4.861	5.950	0.0982	125	12.74	2.292	3.58	4.339
WETLAND	BASE	25-24	0.00	2.000	2.000	0.0000	3	11.91	4.650	0.00	0.000
FP1END	BASE	25-4	2.03	4.857	5.500	0.0015	116	1.09	0.418	2.03	0.144
FP2END	BASE	25-4	2.06	2.589	5.500	0.0003	161	2.03	0.144	2.07	0.144
INFALL	BASE	25-4	2.02	4.882	5.500	0.0017	116	0.00	0.800	1.09	0.418
OUTFALL	BASE	25-4	2.11	2.375	5.500	0.0003	163	2.07	0.144	2.11	0.144
POND1	BASE	25-4	2.03	4.954	6.000	-0.3189	5700	2.00	7.463	0.00	45.847
POND2	BASE	25-4	2.02	4.884	6.000	-0.1799	5083	1.99	12.399	2.02	11.910
S-1	BASE	25-4	1.99	4.941	5.860	0.0040	114	2.00	0.245	1.86	0.664
S-10	BASE	25-4	2.01	5.184	6.150	0.0025	119	2.00	1.730	2.00	1.726
S-11	BASE	25-4	2.01	5.040	6.160	0.0336	120	2.00	2.940	2.00	2.938
S-13	BASE	25-4	1.99	4.932	6.000	0.3296	124	0.00	45.847	1.98	8.668
S-14	BASE	25-4	2.00	5.101	6.150	0.0041	120	2.00	2.537	2.00	2.533
S-15	BASE	25-4	2.01	4.975	6.350	0.0339	121	2.00	3.095	2.00	3.094
S-2	BASE	25-4	2.02	4.940	5.860	0.0175	116	1.99	1.044	1.99	3.087
S-3	BASE	25-4	2.01	5.093	6.140	0.0037	114	2.00	1.247	2.00	1.244
S-4	BASE	25-4	2.01	5.066	6.140	0.0037	114	2.00	0.377	2.02	0.376
S-5	BASE	25-4	2.01	5.063	7.000	0.0046	119	2.00	1.618	2.01	1.617
S-6	BASE	25-4	2.01	5.020	5.950	0.0039	114	2.00	0.549	2.00	0.546
S-7	BASE	25-4	2.02	5.015	5.950	0.0165	123	2.00	2.905	2.01	2.903
S-8	BASE	25-4	2.02	4.982	5.950	0.0055	114	2.00	0.596	1.26	0.737
S-9	BASE	25-4	2.02	4.976	5.950	0.0982	125	2.00	3.932	1.26	5.116
WETLAND	BASE	25-4	0.00	2.000	2.000	0.0000	3	2.02	11.906	0.00	0.000
FP1END	BASE	25-8	4.01	4.867	5.500	0.0013	116	1.83	0.365	4.01	0.145
FP2END	BASE	25-8	4.02	2.589	5.500	0.0003	161	4.01	0.145	4.02	0.145
INFALL	BASE	25-8	4.00	4.892	5.500	0.0017	116	0.00	0.800	1.83	0.365
OUTFALL	BASE	25-8	4.04	2.376	5.500	0.0003	164	4.02	0.145	4.04	0.145
POND1	BASE	25-8	4.00	4.991	6.000	-0.3189	5748	3.99	8.755	0.00	45.847
POND2	BASE	25-8	4.00	4.894	6.000	-0.1799	5096	3.83	14.855	4.00	14.068
S-1	BASE	25-8	3.99	4.972	5.860	0.0040	114	4.00	0.281	3.83	0.747
S-10	BASE	25-8	4.00	5.309	6.150	0.0025	119	4.00	2.023	4.00	2.021
S-11	BASE	25-8	4.00	5.111	6.160	0.0336	120	4.00	3.471	4.00	3.470
S-13	BASE	25-8	3.83	4.959	6.000	0.3296	124	0.00	45.847	3.83	10.423
S-14	BASE	25-8	4.00	5.212	6.150	0.0041	120	4.00	3.077	4.00	3.075
S-15	BASE	25-8	4.00	5.027	6.350	0.0339	121	4.00	3.729	4.00	3.729
S-2	BASE	25-8	4.01	4.968	5.860	0.0175	116	3.83	1.189	3.83	3.674
S-3	BASE	25-8	4.00	5.180	6.140	0.0037	114	4.00	1.441	4.00	1.440
S-4	BASE	25-8	4.00	5.143	6.140	0.0037	114	4.00	0.444	4.01	0.445
S-5	BASE	25-8	4.00	5.139	7.000	0.0046	119	4.00	1.882	4.00	1.884

Laird Point - Phase 2
Basin 2A
Node Max Coonditions Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-6	BASE	25-8	4.00	5.082	5.950	0.0039	114	4.00	0.667	4.00	0.666
S-7	BASE	25-8	4.00	5.075	5.950	0.0165	123	4.00	3.411	4.00	3.410
S-8	BASE	25-8	4.00	5.029	5.950	0.0055	114	4.00	0.690	4.00	0.689
S-9	BASE	25-8	4.00	5.021	5.950	0.0982	125	4.00	4.603	2.20	4.815
WETLAND	BASE	25-8	0.00	2.000	2.000	0.0000	3	4.00	14.068	0.00	0.000

Laird Point - Phase 2
Basin 2A
Link Max Comparison Report

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
CULVERT	BASE	25-1	0.91	0.145	0.001	0.91	2.376	0.91	2.015
CULVERT	BASE	25-2	1.00	0.146	0.000	1.00	2.377	1.00	2.015
CULVERT	BASE	25-24	11.94	0.142	0.000	11.94	2.374	11.94	2.014
CULVERT	BASE	25-4	2.11	0.144	0.000	2.11	2.375	2.11	2.014
CULVERT	BASE	25-8	4.04	0.145	0.000	4.04	2.376	4.04	2.015
FILTER	BASE	25-1	0.67	0.147	0.077	0.72	4.894	0.84	2.591
FILTER	BASE	25-2	0.86	0.146	0.077	0.87	4.890	0.94	2.591
FILTER	BASE	25-24	11.91	0.142	0.081	11.91	4.817	11.86	2.586
FILTER	BASE	25-4	2.03	0.144	0.080	2.03	4.857	2.06	2.589
FILTER	BASE	25-8	4.01	0.145	0.081	4.01	4.867	4.02	2.589
FP1	BASE	25-1	0.44	0.623	0.272	0.71	4.920	0.72	4.894
FP1	BASE	25-2	0.44	0.529	0.272	0.86	4.916	0.87	4.890
FP1	BASE	25-24	0.00	0.274	0.272	11.91	4.842	11.91	4.817
FP1	BASE	25-4	1.09	0.418	0.272	2.02	4.882	2.03	4.857
FP1	BASE	25-8	1.83	0.365	0.272	4.00	4.892	4.01	4.867
FP2	BASE	25-1	0.87	0.145	0.084	0.84	2.591	0.91	2.376
FP2	BASE	25-2	0.96	0.146	0.084	0.94	2.591	1.00	2.377
FP2	BASE	25-24	11.88	0.142	0.084	11.86	2.586	11.94	2.374
FP2	BASE	25-4	2.07	0.144	0.084	2.06	2.589	2.11	2.375
FP2	BASE	25-8	4.02	0.145	0.084	4.02	2.589	4.04	2.376
L-1	BASE	25-1	0.48	0.847	0.827	0.72	5.088	0.71	5.085
L-1	BASE	25-2	0.69	0.887	0.862	0.86	5.070	0.86	5.066
L-1	BASE	25-24	12.12	0.434	0.593	11.48	4.856	11.85	4.856
L-1	BASE	25-4	1.86	0.664	0.704	1.99	4.941	2.02	4.940
L-1	BASE	25-8	3.83	0.747	0.689	3.99	4.972	4.01	4.968
L-10	BASE	25-1	0.65	3.345	-0.402	0.67	5.977	0.68	5.433
L-10	BASE	25-2	0.84	3.045	-0.402	0.84	5.833	0.84	5.377
L-10	BASE	25-24	11.99	0.652	-0.402	11.98	4.890	11.98	4.870
L-10	BASE	25-4	2.00	1.726	-0.402	2.01	5.184	2.01	5.040
L-10	BASE	25-8	4.00	2.021	-0.402	4.00	5.309	4.00	5.111
L-11	BASE	25-1	0.67	5.636	-10.518	0.68	5.433	0.72	5.134
L-11	BASE	25-2	0.84	5.170	-10.518	0.84	5.377	0.87	5.111
L-11	BASE	25-24	0.00	1.492	-10.518	11.98	4.870	11.99	4.858
L-11	BASE	25-4	2.00	2.938	-10.518	2.01	5.040	2.03	4.954
L-11	BASE	25-8	4.00	3.470	-10.518	4.00	5.111	4.00	4.991
L-12	BASE	25-1	0.00	45.847	45.847	0.72	5.134	0.72	5.057
L-12	BASE	25-2	0.00	45.847	45.847	0.87	5.111	0.86	5.043
L-12	BASE	25-24	0.00	45.847	45.847	11.99	4.858	11.98	4.859
L-12	BASE	25-4	0.00	45.847	45.847	2.03	4.954	1.99	4.932
L-12	BASE	25-8	0.00	45.847	45.847	4.00	4.991	3.83	4.959
L-13	BASE	25-1	0.72	14.461	-44.127	0.72	5.057	0.70	4.923
L-13	BASE	25-2	0.86	14.011	-44.127	0.86	5.043	0.86	4.919

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
L-13	BASE	25-24	3.58	7.187	-44.127	11.98	4.859	11.91	4.845
L-13	BASE	25-4	1.98	8.668	-44.127	1.99	4.932	2.02	4.884
L-13	BASE	25-8	3.83	10.423	-44.127	3.83	4.959	4.00	4.894
L-14	BASE	25-1	0.66	4.841	-0.757	0.67	5.735	0.67	5.269
L-14	BASE	25-2	0.84	4.464	-0.757	0.84	5.610	0.84	5.213
L-14	BASE	25-24	11.92	1.000	-0.757	11.91	4.877	11.91	4.858
L-14	BASE	25-4	2.00	2.533	-0.757	2.00	5.101	2.01	4.975
L-14	BASE	25-8	4.00	3.075	-0.757	4.00	5.212	4.00	5.027
L-15	BASE	25-1	0.65	5.943	-10.737	0.67	5.269	0.70	4.923
L-15	BASE	25-2	0.84	5.458	-10.737	0.84	5.213	0.86	4.919
L-15	BASE	25-24	11.92	1.230	-10.737	11.91	4.858	11.91	4.845
L-15	BASE	25-4	2.00	3.094	-10.737	2.01	4.975	2.02	4.884
L-15	BASE	25-8	4.00	3.729	-10.737	4.00	5.027	4.00	4.894
L-2	BASE	25-1	0.48	3.635	-4.216	0.71	5.085	0.72	5.057
L-2	BASE	25-2	0.69	3.889	-4.495	0.86	5.066	0.86	5.043
L-2	BASE	25-24	11.85	1.215	-3.642	11.85	4.856	11.98	4.859
L-2	BASE	25-4	1.99	3.087	-3.642	2.02	4.940	1.99	4.932
L-2	BASE	25-8	3.83	3.674	-3.886	4.01	4.968	3.83	4.959
L-3	BASE	25-1	0.66	2.404	-0.293	0.68	5.604	0.69	5.496
L-3	BASE	25-2	0.83	2.198	-0.293	0.84	5.525	0.85	5.432
L-3	BASE	25-24	11.99	0.464	-0.293	11.98	4.877	11.98	4.872
L-3	BASE	25-4	2.00	1.244	-0.293	2.01	5.093	2.01	5.063
L-3	BASE	25-8	4.00	1.440	-0.293	4.00	5.180	4.00	5.139
L-4	BASE	25-1	0.69	0.692	-0.293	0.69	5.505	0.69	5.496
L-4	BASE	25-2	0.86	0.650	-0.293	0.85	5.440	0.85	5.432
L-4	BASE	25-24	12.66	0.282	0.336	11.98	4.873	11.98	4.872
L-4	BASE	25-4	2.02	0.376	-0.293	2.01	5.066	2.01	5.063
L-4	BASE	25-8	4.01	0.445	-0.293	4.00	5.143	4.00	5.139
L-5	BASE	25-1	0.68	3.033	-0.786	0.69	5.496	0.70	5.330
L-5	BASE	25-2	0.85	2.812	-0.786	0.85	5.432	0.85	5.287
L-5	BASE	25-24	4.75	0.671	-0.786	11.98	4.872	11.98	4.866
L-5	BASE	25-4	2.01	1.617	-0.786	2.01	5.063	2.02	5.015
L-5	BASE	25-8	4.00	1.884	-0.786	4.00	5.139	4.00	5.075
L-6	BASE	25-1	0.67	0.988	0.422	0.70	5.345	0.70	5.330
L-6	BASE	25-2	0.84	0.938	0.474	0.85	5.301	0.85	5.287
L-6	BASE	25-24	4.75	0.485	0.437	11.98	4.867	11.98	4.866
L-6	BASE	25-4	2.00	0.546	0.425	2.01	5.020	2.02	5.015
L-6	BASE	25-8	4.00	0.666	0.435	4.00	5.082	4.00	5.075
L-7	BASE	25-1	0.67	5.407	-4.861	0.70	5.330	0.71	5.202
L-7	BASE	25-2	0.84	5.029	-4.861	0.85	5.287	0.86	5.173
L-7	BASE	25-24	12.74	1.587	-4.861	11.98	4.866	11.98	4.861
L-7	BASE	25-4	2.01	2.903	-4.861	2.02	5.015	2.02	4.976

Laird Point - Phase 2
Basin 2A
Link Max Comparison Report

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
L-7	BASE	25-8	4.00	3.410	-4.861	4.00	5.075	4.00	5.021
L-8	BASE	25-1	0.67	1.125	-0.811	0.71	5.220	0.71	5.202
L-8	BASE	25-2	0.83	1.045	-0.811	0.86	5.190	0.86	5.173
L-8	BASE	25-24	12.74	0.592	-0.811	11.98	4.861	11.98	4.861
L-8	BASE	25-4	1.26	0.737	0.903	2.02	4.982	2.02	4.976
L-8	BASE	25-8	4.00	0.689	0.898	4.00	5.029	4.00	5.021
L-9	BASE	25-1	0.67	7.331	-29.178	0.71	5.202	0.72	5.134
L-9	BASE	25-2	0.84	6.820	-29.178	0.86	5.173	0.87	5.111
L-9	BASE	25-24	3.58	4.339	-29.178	11.98	4.861	11.99	4.858
L-9	BASE	25-4	1.26	5.116	-29.178	2.02	4.976	2.03	4.954
L-9	BASE	25-8	2.20	4.815	-29.178	4.00	5.021	4.00	4.991
WEIR2	BASE	25-1	0.70	20.670	0.183	0.70	4.923	0.00	2.000
WEIR2	BASE	25-2	0.86	19.737	0.115	0.86	4.919	0.00	2.000
WEIR2	BASE	25-24	11.91	4.508	-0.029	11.91	4.845	0.00	2.000
WEIR2	BASE	25-4	2.02	11.762	0.062	2.02	4.884	0.00	2.000
WEIR2	BASE	25-8	4.00	13.923	-0.036	4.00	4.894	0.00	2.000
WIER1	BASE	25-1	0.41	1.243	0.600	0.70	4.923	0.71	4.920
WIER1	BASE	25-2	0.41	0.990	0.600	0.86	4.919	0.86	4.916
WIER1	BASE	25-24	0.00	0.800	0.800	11.91	4.845	11.91	4.842
WIER1	BASE	25-4	0.00	0.800	0.800	2.02	4.884	2.02	4.882
WIER1	BASE	25-8	0.00	0.800	0.800	4.00	4.894	4.00	4.892

Laird Point - Phase 2
Basin 2A
Basin Max Report

Simulation	Basin	Group	Time Max hrs	Flow Max cfs	Volume in	Volume ft3
25-1	B-1	BASE	0.60	0.520	2.585	800.558
25-24	B-1	BASE	12.00	0.090	9.497	2940.559
25-4	B-1	BASE	2.02	0.245	4.784	1481.361
25-8	B-1	BASE	4.00	0.281	6.816	2110.400
25-1	B-10	BASE	0.62	3.572	2.395	5425.978
25-24	B-10	BASE	12.00	0.648	9.232	20913.919
25-4	B-10	BASE	2.02	1.732	4.554	10318.106
25-8	B-10	BASE	4.00	2.023	6.566	14875.914
25-1	B-11	BASE	0.62	2.451	2.214	3662.898
25-24	B-11	BASE	12.00	0.466	8.964	14831.213
25-4	B-11	BASE	2.02	1.218	4.329	7162.095
25-8	B-11	BASE	4.00	1.451	6.318	10452.705
25-1	B-13	BASE	0.56	0.282	3.461	476.192
25-24	B-13	BASE	12.00	0.041	10.545	1450.723
25-4	B-13	BASE	2.00	0.119	5.754	791.643
25-8	B-13	BASE	4.00	0.129	7.830	1077.185
25-1	B-14	BASE	0.62	5.031	2.090	7442.303
25-24	B-14	BASE	12.00	0.990	8.771	31237.505
25-4	B-14	BASE	2.02	2.546	4.170	14850.426
25-8	B-14	BASE	4.00	3.077	6.140	21867.630
25-1	B-15	BASE	0.60	1.167	2.431	1776.974
25-24	B-15	BASE	12.00	0.210	9.282	6786.086
25-4	B-15	BASE	2.02	0.563	4.598	3361.463
25-8	B-15	BASE	4.00	0.655	6.614	4835.220
25-1	B-2	BASE	0.60	0.821	2.558	1261.746
25-24	B-2	BASE	12.00	0.143	9.459	4666.286
25-4	B-2	BASE	2.02	0.388	4.751	2343.801
25-8	B-2	BASE	4.00	0.446	6.780	3344.702
25-1	B-3	BASE	0.60	2.620	2.512	4013.695
25-24	B-3	BASE	12.00	0.461	9.396	15014.119
25-4	B-3	BASE	2.02	1.248	4.696	7504.180
25-8	B-3	BASE	4.00	1.441	6.721	10739.065
25-1	B-4	BASE	0.62	0.774	2.342	1169.986
25-24	B-4	BASE	12.00	0.142	9.155	4572.975
25-4	B-4	BASE	2.02	0.378	4.490	2242.492
25-8	B-4	BASE	4.00	0.444	6.495	3244.269
25-1	B-6	BASE	0.62	1.086	2.073	1603.958
25-24	B-6	BASE	12.00	0.215	8.745	6764.995
25-4	B-6	BASE	2.02	0.551	4.149	3209.318
25-8	B-6	BASE	4.00	0.667	6.117	4731.490
25-1	B-7	BASE	0.60	1.547	2.449	2358.896
25-24	B-7	BASE	12.00	0.277	9.308	8966.932
25-4	B-7	BASE	2.02	0.744	4.620	4450.633
25-8	B-7	BASE	4.00	0.864	6.638	6394.600
25-1	B-8	BASE	0.60	1.249	2.494	1910.844
25-24	B-8	BASE	12.00	0.221	9.371	7180.752
25-4	B-8	BASE	2.02	0.597	4.674	3581.883
25-8	B-8	BASE	4.00	0.690	6.697	5131.769
25-1	B-9	BASE	0.60	0.915	2.512	1402.331
25-24	B-9	BASE	12.00	0.161	9.396	5245.732
25-4	B-9	BASE	2.02	0.436	4.696	2621.860
25-8	B-9	BASE	4.00	0.503	6.721	3752.086
25-1	B-POND1	BASE	0.60	1.272	2.623	1965.088
25-24	B-POND1	BASE	12.00	0.218	9.547	7152.888
25-4	B-POND1	BASE	2.02	0.596	4.828	3617.552
25-8	B-POND1	BASE	4.00	0.681	6.863	5142.153
25-1	B-POND2	BASE	0.60	1.404	2.558	2157.688
25-24	B-POND2	BASE	12.00	0.244	9.459	7979.727

Laird Point - Phase 2
Basin 2A
Basin Max Report

Simulation	Basin	Group	Time Max hrs	Flow Max cfs	Volume in	Volume ft3
25-4	B-POND2	BASE	2.02	0.664	4.751	4008.089
25-8	B-POND2	BASE	4.00	0.764	6.780	5719.711

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            Basin Name: B-1
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-1
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.085
  Vol of Unit Hyd (in): 1.001
          Curve Number: 89.500
              DCIA (%): 0.000

        Time Max (hrs): 0.60
        Flow Max (cfs): 0.520
    Runoff Volume (in): 2.585
   Runoff Volume (ft3): 800.558
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            Basin Name: B-10
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-10
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.624
  Vol of Unit Hyd (in): 1.000
          Curve Number: 87.400
              DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 3.572
    Runoff Volume (in): 2.395
   Runoff Volume (ft3): 5425.978
```

```
            Basin Name: B-11
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-11
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
```

```
            Area (ac): 0.456
  Vol of Unit Hyd (in): 1.000
          Curve Number: 85.300
               DCIA (%): 0.000

         Time Max (hrs): 0.62
         Flow Max (cfs): 2.451
    Runoff Volume (in): 2.214
   Runoff Volume (ft3): 3662.898
```

```
             Basin Name: B-13
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-13
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.038
 Vol of Unit Hyd (in): 1.000
        Curve Number: 98.000
            DCIA (%): 0.000

         Time Max (hrs): 0.56
         Flow Max (cfs): 0.282
    Runoff Volume (in): 3.461
   Runoff Volume (ft3): 476.192
```

```
             Basin Name: B-14
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-14
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.981
 Vol of Unit Hyd (in): 1.000
        Curve Number: 83.800
            DCIA (%): 0.000

         Time Max (hrs): 0.62
         Flow Max (cfs): 5.031
    Runoff Volume (in): 2.090
   Runoff Volume (ft3): 7442.303
```

```
             Basin Name: B-15
             Group Name: BASE
             Simulation: 25-1
```

```
            Node Name: S-15
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
           Area (ac): 0.201
 Vol of Unit Hyd (in): 1.000
        Curve Number: 87.800
            DCIA (%): 0.000

      Time Max (hrs): 0.60
      Flow Max (cfs): 1.167
  Runoff Volume (in): 2.431
 Runoff Volume (ft3): 1776.974
```

```
            Basin Name: B-2
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-2
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
           Area (ac): 0.136
 Vol of Unit Hyd (in): 1.000
        Curve Number: 89.200
            DCIA (%): 0.000

      Time Max (hrs): 0.60
      Flow Max (cfs): 0.821
  Runoff Volume (in): 2.558
 Runoff Volume (ft3): 1261.746
```

```
            Basin Name: B-3
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-3
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
           Area (ac): 0.440
 Vol of Unit Hyd (in): 1.000
        Curve Number: 88.700
```

```
              DCIA (%): 0.000

         Time Max (hrs): 0.60
         Flow Max (cfs): 2.620
     Runoff Volume (in): 2.512
    Runoff Volume (ft3): 4013.695
```

```
             Basin Name: B-4
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-4
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.138
  Vol of Unit Hyd (in): 1.000
          Curve Number: 86.800
              DCIA (%): 0.000

         Time Max (hrs): 0.62
         Flow Max (cfs): 0.774
     Runoff Volume (in): 2.342
    Runoff Volume (ft3): 1169.986
```

```
             Basin Name: B-6
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-6
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.213
  Vol of Unit Hyd (in): 1.000
          Curve Number: 83.600
              DCIA (%): 0.000

         Time Max (hrs): 0.62
         Flow Max (cfs): 1.086
     Runoff Volume (in): 2.073
    Runoff Volume (ft3): 1603.958
```

```
             Basin Name: B-7
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-7
             Basin Type: SCS Unit Hydrograph
```

```
       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.265
  Vol of Unit Hyd (in): 1.000
          Curve Number: 88.000
              DCIA (%): 0.000

        Time Max (hrs): 0.60
       Flow Max (cfs): 1.547
    Runoff Volume (in): 2.449
   Runoff Volume (ft3): 2358.896
```

```
            Basin Name: B-8
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-8
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.211
  Vol of Unit Hyd (in): 1.000
          Curve Number: 88.500
              DCIA (%): 0.000

        Time Max (hrs): 0.60
       Flow Max (cfs): 1.249
    Runoff Volume (in): 2.494
   Runoff Volume (ft3): 1910.844
```

```
            Basin Name: B-9
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-9
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.154
  Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

        Time Max (hrs): 0.60
```

```
        Flow Max (cfs): 0.915
     Runoff Volume (in): 2.512
    Runoff Volume (ft3): 1402.331
```

```
            Basin Name: B-POND1
            Group Name: BASE
            Simulation: 25-1
             Node Name: POND1
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.206
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.900
              DCIA (%): 0.000

        Time Max (hrs): 0.60
        Flow Max (cfs): 1.272
     Runoff Volume (in): 2.623
    Runoff Volume (ft3): 1965.088
```

```
            Basin Name: B-POND2
            Group Name: BASE
            Simulation: 25-1
             Node Name: POND2
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.232
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.200
              DCIA (%): 0.000

        Time Max (hrs): 0.60
        Flow Max (cfs): 1.404
     Runoff Volume (in): 2.558
    Runoff Volume (ft3): 2157.688
```

```
            Basin Name: B-1
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-1
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
```

```
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.085
   Vol of Unit Hyd (in): 1.001
          Curve Number: 89.500
              DCIA (%): 0.000

         Time Max (hrs): 0.82
         Flow Max (cfs): 0.446
    Runoff Volume (in): 3.627
    Runoff Volume (ft3): 1123.115
```

```
             Basin Name: B-10
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-10
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.624
   Vol of Unit Hyd (in): 1.000
          Curve Number: 87.400
              DCIA (%): 0.000

         Time Max (hrs): 0.82
         Flow Max (cfs): 3.129
    Runoff Volume (in): 3.415
    Runoff Volume (ft3): 7735.639
```

```
             Basin Name: B-11
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-11
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.456
   Vol of Unit Hyd (in): 1.000
          Curve Number: 85.300
              DCIA (%): 0.000

         Time Max (hrs): 0.82
         Flow Max (cfs): 2.182
    Runoff Volume (in): 3.208
    Runoff Volume (ft3): 5308.436
```

Basin Name:	B-13
Group Name:	BASE
Simulation:	25-2
Node Name:	S-13
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	UH484
Peaking Fator:	484.0
Spec Time Inc (min):	1.33
Comp Time Inc (min):	1.33
Rainfall File:	FDOT-2
Rainfall Amount (in):	4.800
Storm Duration (hrs):	2.00
Status:	Onsite
Time of Conc (min):	10.00
Time Shift (hrs):	0.00
Area (ac):	0.038
Vol of Unit Hyd (in):	1.000
Curve Number:	98.000
DCIA (%):	0.000
Time Max (hrs):	0.82
Flow Max (cfs):	0.221
Runoff Volume (in):	4.557
Runoff Volume (ft3):	626.994

Basin Name:	B-14
Group Name:	BASE
Simulation:	25-2
Node Name:	S-14
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	UH484
Peaking Fator:	484.0
Spec Time Inc (min):	1.33
Comp Time Inc (min):	1.33
Rainfall File:	FDOT-2
Rainfall Amount (in):	4.800
Storm Duration (hrs):	2.00
Status:	Onsite
Time of Conc (min):	10.00
Time Shift (hrs):	0.00
Area (ac):	0.981
Vol of Unit Hyd (in):	1.000
Curve Number:	83.800
DCIA (%):	0.000
Time Max (hrs):	0.82
Flow Max (cfs):	4.531
Runoff Volume (in):	3.065
Runoff Volume (ft3):	10915.463

Basin Name:	B-15
Group Name:	BASE
Simulation:	25-2
Node Name:	S-15
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	UH484
Peaking Fator:	484.0
Spec Time Inc (min):	1.33
Comp Time Inc (min):	1.33
Rainfall File:	FDOT-2
Rainfall Amount (in):	4.800

```
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.201
   Vol of Unit Hyd (in): 1.000
          Curve Number: 87.800
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 1.018
     Runoff Volume (in): 3.455
    Runoff Volume (ft3): 2525.568


--------------------------------------------------------------------------------

             Basin Name: B-2
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-2
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: UH484
           Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.136
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.200
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 0.706
     Runoff Volume (in): 3.596
    Runoff Volume (ft3): 1774.166


--------------------------------------------------------------------------------

             Basin Name: B-3
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-3
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: UH484
           Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.440
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 2.266
     Runoff Volume (in): 3.545
    Runoff Volume (ft3): 5665.306


--------------------------------------------------------------------------------
```

```
            Basin Name: B-4
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-4
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-2
 Rainfall Amount (in): 4.800
 Storm Duration (hrs): 2.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.138
 Vol of Unit Hyd (in): 1.000
        Curve Number: 86.800
            DCIA (%): 0.000

      Time Max (hrs): 0.82
      Flow Max (cfs): 0.681
  Runoff Volume (in): 3.355
 Runoff Volume (ft3): 1675.786
```

```
            Basin Name: B-6
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-6
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-2
 Rainfall Amount (in): 4.800
 Storm Duration (hrs): 2.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.213
 Vol of Unit Hyd (in): 1.000
        Curve Number: 83.600
            DCIA (%): 0.000

      Time Max (hrs): 0.82
      Flow Max (cfs): 0.979
  Runoff Volume (in): 3.046
 Runoff Volume (ft3): 2356.285
```

```
            Basin Name: B-7
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-7
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-2
 Rainfall Amount (in): 4.800
 Storm Duration (hrs): 2.00
               Status: Onsite
   Time of Conc (min): 10.00
```

```
       Time Shift (hrs): 0.00
             Area (ac): 0.265
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.000
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 1.347
     Runoff Volume (in): 3.475
    Runoff Volume (ft3): 3347.482


--------------------------------------------------------------------------------

             Basin Name: B-8
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-8
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
             Area (ac): 0.211
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.500
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 1.083
     Runoff Volume (in): 3.525
    Runoff Volume (ft3): 2701.275


--------------------------------------------------------------------------------

             Basin Name: B-9
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-9
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
             Area (ac): 0.154
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 0.792
     Runoff Volume (in): 3.545
    Runoff Volume (ft3): 1979.382


--------------------------------------------------------------------------------

             Basin Name: B-POND1
             Group Name: BASE
```

```
            Simulation: 25-2
             Node Name: POND1
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.206
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.900
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 1.087
    Runoff Volume (in): 3.668
   Runoff Volume (ft3): 2748.494
```

```
            Basin Name: B-POND2
            Group Name: BASE
            Simulation: 25-2
             Node Name: POND2
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.232
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.200
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 1.208
    Runoff Volume (in): 3.596
   Runoff Volume (ft3): 3033.968
```

```
            Basin Name: B-1
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-1
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.085
  Vol of Unit Hyd (in): 1.001
```

```
          Curve Number: 89.500
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.090
      Runoff Volume (in): 9.497
    Runoff Volume (ft3): 2940.559
```

```
             Basin Name: B-10
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-10
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.624
   Vol of Unit Hyd (in): 1.000
          Curve Number: 87.400
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.648
      Runoff Volume (in): 9.232
    Runoff Volume (ft3): 20913.919
```

```
             Basin Name: B-11
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-11
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.456
   Vol of Unit Hyd (in): 1.000
          Curve Number: 85.300
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.466
      Runoff Volume (in): 8.964
    Runoff Volume (ft3): 14831.213
```

```
             Basin Name: B-13
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-13
             Basin Type: SCS Unit Hydrograph
```

```
        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.038
   Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.041
     Runoff Volume (in): 10.545
    Runoff Volume (ft3): 1450.723
```

```
             Basin Name: B-14
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-14
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.981
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.800
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.990
     Runoff Volume (in): 8.771
    Runoff Volume (ft3): 31237.505
```

```
             Basin Name: B-15
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-15
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.201
   Vol of Unit Hyd (in): 1.000
          Curve Number: 87.800
              DCIA (%): 0.000
```

```
        Time Max (hrs): 12.00
        Flow Max (cfs): 0.210
     Runoff Volume (in): 9.282
   Runoff Volume (ft3): 6786.088
```

```
            Basin Name: B-2
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-2
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.136
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.200
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.143
     Runoff Volume (in): 9.459
   Runoff Volume (ft3): 4666.286
```

```
            Basin Name: B-3
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-3
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.440
  Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.461
     Runoff Volume (in): 9.396
   Runoff Volume (ft3): 15014.119
```

```
            Basin Name: B-4
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-4
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
```

```
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.138
   Vol of Unit Hyd (in): 1.000
          Curve Number: 86.800
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.142
    Runoff Volume (in): 9.155
   Runoff Volume (ft3): 4572.975


-------------------------------------------------------------------------------

             Basin Name: B-6
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-6
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.213
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.600
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.215
    Runoff Volume (in): 8.745
   Runoff Volume (ft3): 6764.995


-------------------------------------------------------------------------------

             Basin Name: B-7
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-7
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.265
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.000
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.277
    Runoff Volume (in): 9.308
```

Runoff Volume (ft3): 8966.932

Basin Name: B-8
Group Name: BASE
Simulation: 25-24
Node Name: S-8
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: UH484
Peaking Fator: 484.0
Spec Time Inc (min): 1.33
Comp Time Inc (min): 1.33
Rainfall File: FDOT-24
Rainfall Amount (in): 10.800
Storm Duration (hrs): 24.00
Status: Onsite
Time of Conc (min): 10.00
Time Shift (hrs): 0.00
Area (ac): 0.211
Vol of Unit Hyd (in): 1.000
Curve Number: 88.500
DCIA (%): 0.000

Time Max (hrs): 12.00
Flow Max (cfs): 0.221
Runoff Volume (in): 9.371
Runoff Volume (ft3): 7180.752

Basin Name: B-9
Group Name: BASE
Simulation: 25-24
Node Name: S-9
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: UH484
Peaking Fator: 484.0
Spec Time Inc (min): 1.33
Comp Time Inc (min): 1.33
Rainfall File: FDOT-24
Rainfall Amount (in): 10.800
Storm Duration (hrs): 24.00
Status: Onsite
Time of Conc (min): 10.00
Time Shift (hrs): 0.00
Area (ac): 0.154
Vol of Unit Hyd (in): 1.000
Curve Number: 88.700
DCIA (%): 0.000

Time Max (hrs): 12.00
Flow Max (cfs): 0.161
Runoff Volume (in): 9.396
Runoff Volume (ft3): 5245.732

Basin Name: B-POND1
Group Name: BASE
Simulation: 25-24
Node Name: POND1
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: UH484
Peaking Fator: 484.0
Spec Time Inc (min): 1.33
Comp Time Inc (min): 1.33
Rainfall File: FDOT-24

```
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.206
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.900
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.218
    Runoff Volume (in): 9.547
    Runoff Volume (ft3): 7152.888
```

```
             Basin Name: B-POND2
             Group Name: BASE
             Simulation: 25-24
              Node Name: POND2
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.232
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.200
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.244
    Runoff Volume (in): 9.459
    Runoff Volume (ft3): 7979.727
```

```
             Basin Name: B-1
             Group Name: BASE
             Simulation: 25-4
              Node Name: S-1
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.085
   Vol of Unit Hyd (in): 1.001
          Curve Number: 89.500
              DCIA (%): 0.000

         Time Max (hrs): 2.02
         Flow Max (cfs): 0.245
    Runoff Volume (in): 4.784
    Runoff Volume (ft3): 1481.361
```

```
            Basin Name: B-10
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-10
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.624
 Vol of Unit Hyd (in): 1.000
         Curve Number: 87.400
             DCIA (%): 0.000

       Time Max (hrs): 2.02
      Flow Max (cfs): 1.732
   Runoff Volume (in): 4.554
  Runoff Volume (ft3): 10318.106
```

```
            Basin Name: B-11
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-11
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.456
 Vol of Unit Hyd (in): 1.000
         Curve Number: 85.300
             DCIA (%): 0.000

       Time Max (hrs): 2.02
      Flow Max (cfs): 1.218
   Runoff Volume (in): 4.329
  Runoff Volume (ft3): 7162.095
```

```
            Basin Name: B-13
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-13
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
```

```
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.038
   Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

         Time Max (hrs): 2.00
        Flow Max (cfs): 0.119
     Runoff Volume (in): 5.754
    Runoff Volume (ft3): 791.643
```

```
            Basin Name: B-14
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-14
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.981
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.800
              DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 2.546
     Runoff Volume (in): 4.170
    Runoff Volume (ft3): 14850.426
```

```
            Basin Name: B-15
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-15
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.201
   Vol of Unit Hyd (in): 1.000
          Curve Number: 87.800
              DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 0.563
     Runoff Volume (in): 4.598
    Runoff Volume (ft3): 3361.463
```

```
            Basin Name: B-2
```

```
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-2
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.136
 Vol of Unit Hyd (in): 1.000
        Curve Number: 89.200
            DCIA (%): 0.000

      Time Max (hrs): 2.02
      Flow Max (cfs): 0.388
   Runoff Volume (in): 4.751
  Runoff Volume (ft3): 2343.801
```

```
            Basin Name: B-3
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-3
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.440
 Vol of Unit Hyd (in): 1.000
        Curve Number: 88.700
            DCIA (%): 0.000

      Time Max (hrs): 2.02
      Flow Max (cfs): 1.248
   Runoff Volume (in): 4.696
  Runoff Volume (ft3): 7504.180
```

```
            Basin Name: B-4
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-4
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.138
```

```
   Vol of Unit Hyd (in): 1.000
           Curve Number: 86.800
                DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 0.378
     Runoff Volume (in): 4.490
    Runoff Volume (ft3): 2242.492


--------------------------------------------------------------------------------

              Basin Name: B-6
              Group Name: BASE
              Simulation: 25-4
               Node Name: S-6
              Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.213
   Vol of Unit Hyd (in): 1.000
           Curve Number: 83.600
                DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 0.551
     Runoff Volume (in): 4.149
    Runoff Volume (ft3): 3209.318


--------------------------------------------------------------------------------

              Basin Name: B-7
              Group Name: BASE
              Simulation: 25-4
               Node Name: S-7
              Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.265
   Vol of Unit Hyd (in): 1.000
           Curve Number: 88.000
                DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 0.744
     Runoff Volume (in): 4.620
    Runoff Volume (ft3): 4450.633


--------------------------------------------------------------------------------

              Basin Name: B-8
              Group Name: BASE
              Simulation: 25-4
               Node Name: S-8
```

```
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
               Area (ac): 0.211
   Vol of Unit Hyd (in): 1.000
           Curve Number: 88.500
               DCIA (%): 0.000

         Time Max (hrs): 2.02
         Flow Max (cfs): 0.597
     Runoff Volume (in): 4.674
    Runoff Volume (ft3): 3581.883


--------------------------------------------------------------------------------

            Basin Name: B-9
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-9
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
               Area (ac): 0.154
   Vol of Unit Hyd (in): 1.000
           Curve Number: 88.700
               DCIA (%): 0.000

         Time Max (hrs): 2.02
         Flow Max (cfs): 0.436
     Runoff Volume (in): 4.696
    Runoff Volume (ft3): 2621.860


--------------------------------------------------------------------------------

            Basin Name: B-POND1
            Group Name: BASE
            Simulation: 25-4
             Node Name: POND1
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
               Area (ac): 0.206
   Vol of Unit Hyd (in): 1.000
           Curve Number: 89.900
               DCIA (%): 0.000
```

```
        Time Max (hrs): 2.02
        Flow Max (cfs): 0.596
     Runoff Volume (in): 4.828
   Runoff Volume (ft3): 3617.552
```

```
            Basin Name: B-POND2
            Group Name: BASE
            Simulation: 25-4
             Node Name: POND2
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.232
  Vol of Unit Hyd (in): 1.000
        Curve Number: 89.200
            DCIA (%): 0.000

        Time Max (hrs): 2.02
        Flow Max (cfs): 0.664
     Runoff Volume (in): 4.751
   Runoff Volume (ft3): 4008.089
```

```
            Basin Name: B-1
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-1
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-8
  Rainfall Amount (in): 8.080
  Storm Duration (hrs): 8.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.085
  Vol of Unit Hyd (in): 1.001
        Curve Number: 89.500
            DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 0.281
     Runoff Volume (in): 6.816
   Runoff Volume (ft3): 2110.400
```

```
            Basin Name: B-10
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-10
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
```

```
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.624
 Vol of Unit Hyd (in): 1.000
        Curve Number: 87.400
            DCIA (%): 0.000

      Time Max (hrs): 4.00
      Flow Max (cfs): 2.023
  Runoff Volume (in): 6.566
 Runoff Volume (ft3): 14875.914
```

```
           Basin Name: B-11
           Group Name: BASE
           Simulation: 25-8
            Node Name: S-11
           Basin Type: SCS Unit Hydrograph

     Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.456
 Vol of Unit Hyd (in): 1.000
        Curve Number: 85.300
            DCIA (%): 0.000

      Time Max (hrs): 4.00
      Flow Max (cfs): 1.451
  Runoff Volume (in): 6.318
 Runoff Volume (ft3): 10452.705
```

```
           Basin Name: B-13
           Group Name: BASE
           Simulation: 25-8
            Node Name: S-13
           Basin Type: SCS Unit Hydrograph

     Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.038
 Vol of Unit Hyd (in): 1.000
        Curve Number: 98.000
            DCIA (%): 0.000

      Time Max (hrs): 4.00
      Flow Max (cfs): 0.129
```

```
     Runoff Volume (in): 7.830
    Runoff Volume (ft3): 1077.185


--------------------------------------------------------------------------------

            Basin Name: B-14
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-14
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.981
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.800
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 3.077
     Runoff Volume (in): 6.140
    Runoff Volume (ft3): 21867.630


--------------------------------------------------------------------------------

            Basin Name: B-15
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-15
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.201
   Vol of Unit Hyd (in): 1.000
          Curve Number: 87.800
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 0.655
     Runoff Volume (in): 6.614
    Runoff Volume (ft3): 4835.220


--------------------------------------------------------------------------------

            Basin Name: B-2
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-2
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
```

```
         Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.136
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.200
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 0.446
     Runoff Volume (in): 6.780
    Runoff Volume (ft3): 3344.702
```

```
             Basin Name: B-3
             Group Name: BASE
             Simulation: 25-8
              Node Name: S-3
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.440
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 1.441
     Runoff Volume (in): 6.721
    Runoff Volume (ft3): 10739.065
```

```
             Basin Name: B-4
             Group Name: BASE
             Simulation: 25-8
              Node Name: S-4
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.138
   Vol of Unit Hyd (in): 1.000
          Curve Number: 86.800
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 0.444
     Runoff Volume (in): 6.495
    Runoff Volume (ft3): 3244.269
```

```
            Basin Name: B-6
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-6
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-8
  Rainfall Amount (in): 8.080
  Storm Duration (hrs): 8.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.213
  Vol of Unit Hyd (in): 1.000
          Curve Number: 83.600
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 0.667
    Runoff Volume (in): 6.117
   Runoff Volume (ft3): 4731.490
```

```
            Basin Name: B-7
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-7
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-8
  Rainfall Amount (in): 8.080
  Storm Duration (hrs): 8.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.265
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.000
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 0.864
    Runoff Volume (in): 6.638
   Runoff Volume (ft3): 6394.600
```

```
            Basin Name: B-8
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-8
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-8
  Rainfall Amount (in): 8.080
  Storm Duration (hrs): 8.00
```

```
                Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.211
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.500
              DCIA (%): 0.000

         Time Max (hrs): 4.00
         Flow Max (cfs): 0.690
     Runoff Volume (in): 6.697
    Runoff Volume (ft3): 5131.769


--------------------------------------------------------------------------------

             Basin Name: B-9
             Group Name: BASE
             Simulation: 25-8
              Node Name: S-9
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.154
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

         Time Max (hrs): 4.00
         Flow Max (cfs): 0.503
     Runoff Volume (in): 6.721
    Runoff Volume (ft3): 3752.086


--------------------------------------------------------------------------------

             Basin Name: B-POND1
             Group Name: BASE
             Simulation: 25-8
              Node Name: POND1
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.206
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.900
              DCIA (%): 0.000

         Time Max (hrs): 4.00
         Flow Max (cfs): 0.681
     Runoff Volume (in): 6.863
    Runoff Volume (ft3): 5142.153


--------------------------------------------------------------------------------
```

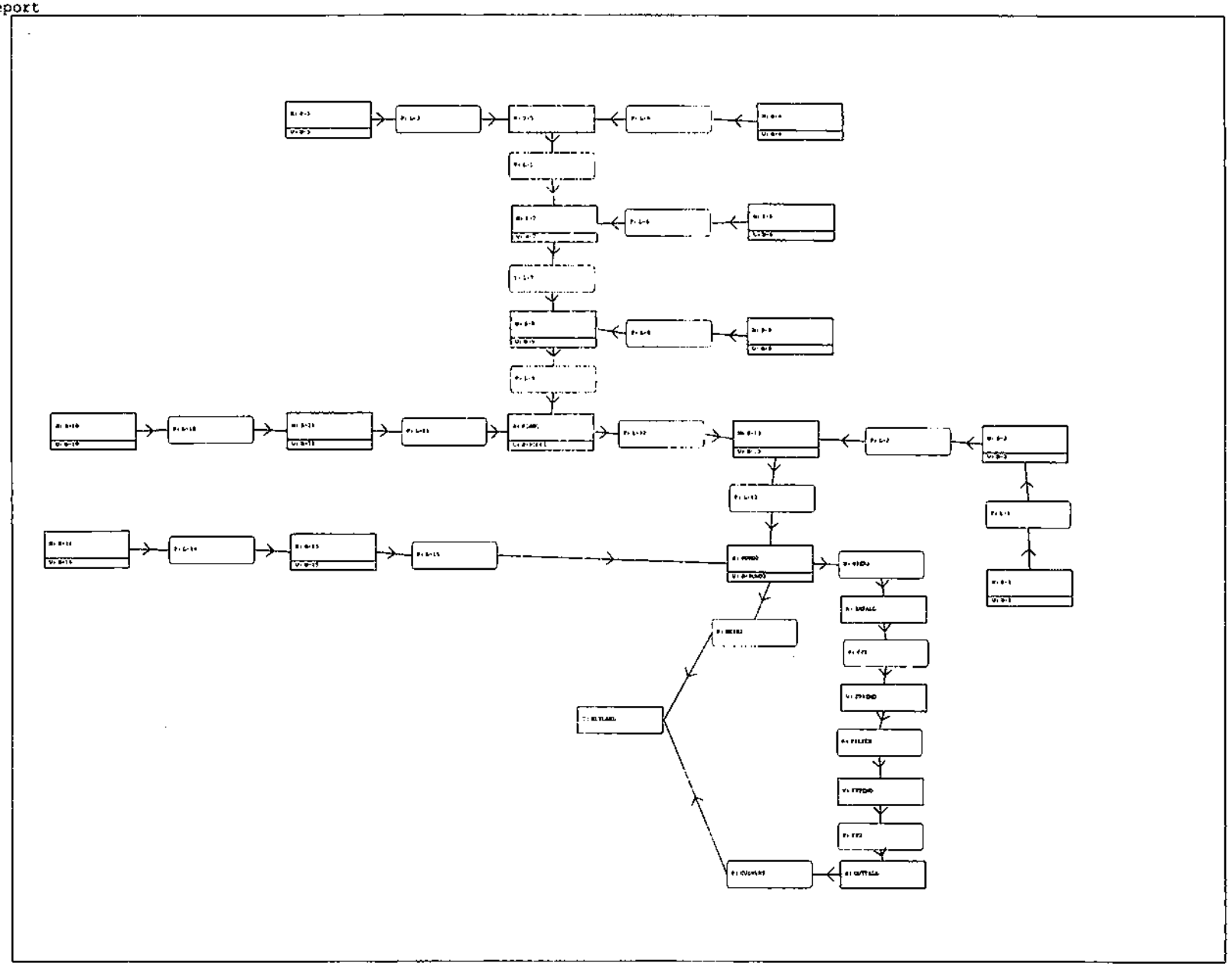
Basin Name:	B-POND2
Group Name:	BASE
Simulation:	25-8
Node Name:	POND2
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	UH484
Peaking Fator:	484.0
Spec Time Inc (min):	1.33
Comp Time Inc (min):	1.33
Rainfall File:	FDOT-8
Rainfall Amount (in):	8.080
Storm Duration (hrs):	8.00
Status:	Onsite
Time of Conc (min):	10.00
Time Shift (hrs):	0.00
Area (ac):	0.232
Vol of Unit Hyd (in):	1.000
Curve Number:	89.200
DCIA (%):	0.000
Time Max (hrs):	4.00
Flow Max (cfs):	0.764
Runoff Volume (in):	6.780
Runoff Volume (ft3):	5719.711

Laird Point - Phase 2
Basin 2A
Network Builder Report

Nodes
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

Basins
O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

Links
P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



Interconnected Channel and Pond Routing Model (ICPR) ©2002 Streamline Technologies, Inc.

Name: B-1		Node: S-1	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.085	Time Shift(hrs):	0.00
Curve Number:	89.50	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-10		Node: S-10	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.624	Time Shift(hrs):	0.00
Curve Number:	87.40	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-11		Node: S-11	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.456	Time Shift(hrs):	0.00
Curve Number:	85.30	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-13		Node: S-13	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.038	Time Shift(hrs):	0.00
Curve Number:	98.00	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-14		Node: S-14	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.981	Time Shift(hrs):	0.00
Curve Number:	83.80	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-15		Node: S-15	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.201	Time Shift(hrs):	0.00
Curve Number:	87.80	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-2 Node: S-2 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: UH484 Peaking Factor: 484.0
Rainfall File: FDOT-1 Storm Duration(hrs): 1.00
Rainfall Amount(in): 3.700 Time of Conc(min): 10.00
Area(ac): 0.136 Time Shift(hrs): 0.00
Curve Number: 89.20 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: B-3 Node: S-3 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: UH484 Peaking Factor: 484.0
Rainfall File: FDOT-1 Storm Duration(hrs): 1.00
Rainfall Amount(in): 3.700 Time of Conc(min): 10.00
Area(ac): 0.440 Time Shift(hrs): 0.00
Curve Number: 88.70 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: B-4 Node: S-4 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: UH484 Peaking Factor: 484.0
Rainfall File: FDOT-1 Storm Duration(hrs): 1.00
Rainfall Amount(in): 3.700 Time of Conc(min): 10.00
Area(ac): 0.138 Time Shift(hrs): 0.00
Curve Number: 86.80 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: B-6 Node: S-6 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: UH484 Peaking Factor: 484.0
Rainfall File: FDOT-1 Storm Duration(hrs): 1.00
Rainfall Amount(in): 3.700 Time of Conc(min): 10.00
Area(ac): 0.213 Time Shift(hrs): 0.00
Curve Number: 83.60 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: B-7 Node: S-7 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: UH484 Peaking Factor: 484.0
Rainfall File: FDOT-1 Storm Duration(hrs): 1.00
Rainfall Amount(in): 3.700 Time of Conc(min): 10.00
Area(ac): 0.265 Time Shift(hrs): 0.00
Curve Number: 88.00 Max Allowable Q(cfs): 999999.000
DCIA(%): 0.00

Name: B-8 Node: S-8 Status: Onsite
Group: BASE Type: SCS Unit Hydrograph CN

Unit Hydrograph: UH484 Peaking Factor: 484.0
Rainfall File: FDOT-1 Storm Duration(hrs): 1.00

Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.211	Time Shift(hrs):	0.00
Curve Number:	88.50	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name:	B-9	Node:	S-9
Group:	BASE	Type:	SCS Unit Hydrograph CN
			Status: Onsite
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.154	Time Shift(hrs):	0.00
Curve Number:	88.70	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name:	B-POND1	Node:	POND1
Group:	BASE	Type:	SCS Unit Hydrograph CN
			Status: Onsite
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.206	Time Shift(hrs):	0.00
Curve Number:	89.90	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name:	B-POND2	Node:	POND2
Group:	BASE	Type:	SCS Unit Hydrograph CN
			Status: Onsite
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.232	Time Shift(hrs):	0.00
Curve Number:	89.20	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: FP1END Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.500	0.0001
2.830	0.0008
3.170	0.0016
5.500	0.0017

Name: FP2END Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.000	0.0001
2.330	0.0008
2.670	0.0016
5.500	0.0017

Name: INFALL Base Flow(cfs): 0.000 Init Stage(ft): 3.250
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.500	0.0001
5.500	0.0001

Name: OUTFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.000	0.0003
5.500	0.0003

Name: POND1 Base Flow(cfs): 0.000 Init Stage(ft): 3.500
Group: BASE Warn Stage(ft): 6.000
Type: Stage/Area

Stage(ft)	Area(ac)
3.500	0.0004
3.990	0.0004
4.000	0.1020
4.500	0.1170
5.000	0.1320
5.500	0.1480

Name: POND2 Base Flow(cfs): 0.000 Init Stage(ft): 3.500
Group: BASE Warn Stage(ft): 6.000
Type: Stage/Area

Stage(ft)	Area(ac)
3.500	0.0740
4.000	0.0890
4.500	0.1050
5.000	0.1200
5.500	0.1430

Name: S-1 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.860
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-10 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.150
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-11 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.160
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-13 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.000
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-14 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.150
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-15 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.350
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-2 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.860
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-3 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.140
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-4 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.140
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-5 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.000
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-6 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.950
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-7 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.950
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-8 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.950
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-9 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.950
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: WETLAND Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 2.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	2.000
24.00	2.000

Laird Point - Phase 2
Basin 2A
Pipe Input Report

Name:	CULVERT	From Node:	OUTFALL	Length(ft):	14.07
Group:	BASE	To Node:	WETLAND	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	12.00	12.00		Entrance Loss Coef:	0.30
Rise(in):	12.00	12.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	1.900		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Name:	FP1	From Node:	INFALL	Length(ft):	160.00
Group:	BASE	To Node:	FP1END	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.700	2.700		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Name:	FP2	From Node:	FP2END	Length(ft):	160.00
Group:	BASE	To Node:	OUTFALL	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	2.200		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Name:	L-1	From Node:	S-1	Length(ft):	24.25
Group:	BASE	To Node:	S-2	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both

Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.000	1.000	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-10	From Node: S-10	Length(ft):	180.60
Group:	BASE	To Node: S-11	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.000	1.000	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-11	From Node: S-11	Length(ft):	39.68
Group:	BASE	To Node: POND1	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	0.750	0.000	Bend Loss Coef:	0.62
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-12	From Node: POND1	Length(ft):	53.44
Group:	BASE	To Node: S-13	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	36.00	36.00	Entrance Loss Coef:	0.20
Rise(in):	36.00	36.00	Exit Loss Coef:	1.00
Invert(ft):	-1.500	-1.750	Bend Loss Coef:	0.28
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc

Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-13	From Node: S-13	Length(ft):	73.18
Group:	BASE	To Node: POND2	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	36.00	36.00	Entrance Loss Coef:	0.20
Rise(in):	36.00	36.00	Exit Loss Coef:	1.00
Invert(ft):	-1.750	-2.000	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-14	From Node: S-14	Length(ft):	180.60
Group:	BASE	To Node: S-15	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	1.750	0.750	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-15	From Node: S-15	Length(ft):	34.96
Group:	BASE	To Node: POND2	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	0.750	-0.500	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-2	From Node:	S-2	Length(ft): 58.94
Group:	BASE	To Node:	S-13	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	15.00	15.00		Entrance Loss Coef: 0.20
Rise(in):	15.00	15.00		Exit Loss Coef: 1.00
Invert(ft):	1.000	0.000		Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-3	From Node:	S-3	Length(ft): 39.18
Group:	BASE	To Node:	S-5	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	15.00	15.00		Entrance Loss Coef: 0.20
Rise(in):	15.00	15.00		Exit Loss Coef: 1.00
Invert(ft):	1.450	1.150		Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-4	From Node:	S-4	Length(ft): 39.18
Group:	BASE	To Node:	S-5	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	15.00	15.00		Entrance Loss Coef: 0.20
Rise(in):	15.00	15.00		Exit Loss Coef: 1.00
Invert(ft):	1.450	1.150		Bend Loss Coef: 0.64
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-5	From Node:	S-5	Length(ft):	82.53
Group:	BASE	To Node:	S-7	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	18.00	18.00		Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00		Exit Loss Coef:	1.00
Invert(ft):	0.900	0.600		Bend Loss Coef:	0.21
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-6	From Node:	S-6	Length(ft):	24.27
Group:	BASE	To Node:	S-7	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	15.00	15.00		Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00		Exit Loss Coef:	1.00
Invert(ft):	2.000	0.600		Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-7	From Node:	S-7	Length(ft):	116.69
Group:	BASE	To Node:	S-9	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	24.00	24.00		Entrance Loss Coef:	0.20
Rise(in):	24.00	24.00		Exit Loss Coef:	1.00
Invert(ft):	0.100	-0.200		Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-8	From Node:	S-8	Length(ft):	24.25
Group:	BASE	To Node:	S-9	Count:	1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	15.00	15.00
Rise(in):	15.00	15.00
Invert(ft):	2.000	0.550
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.66
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-9
Group: BASE
From Node: S-9
To Node: POND1
Length(ft): 79.04
Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	30.00	30.00
Rise(in):	30.00	30.00
Invert(ft):	-0.700	-1.000
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.55
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	WEIR2	From Node:	POND2
Group:	BASE	To Node:	WETLAND
Flow:	Both	Count:	1
Type:	Vertical: Fread	Geometry:	Rectangular

Span(in):	1800.00
Rise(in):	999.00
Invert(ft):	4.800
Control Elevation(ft):	4.800
	TABLE
Bottom Clip(in):	0.000
Top Clip(in):	0.000
Weir Discharge Coef:	3.200
Orifice Discharge Coef:	0.600

Name:	WIER1	From Node:	POND2
Group:	BASE	To Node:	INFALL
Flow:	Both	Count:	1
Type:	Vertical: Mavis	Geometry:	Rectangular

Span(in):	24.00
Rise(in):	999.00
Invert(ft):	3.250
Control Elevation(ft):	3.250
	TABLE
Bottom Clip(in):	0.000
Top Clip(in):	0.000
Weir Discharge Coef:	3.200
Orifice Discharge Coef:	0.600

Name: FILTER | From Node: FP1END | Count: 1
Group: BASE | To Node: FP2END | Flow: Both

	TABLE	ELEV ON(ft)	ELEV OFF(ft)
#1:	FILTER	3.500	3.500
#2:		0.000	0.000
#3:		0.000	0.000
#4:		0.000	0.000

Name: FILTER Group: BASE
Type: Rating Curve
Function: Head vs. Discharge

SAND FILTER RATING CURVE k=5 FT/HR

Head(ft)	Discharge(cfs)
0.00	0.00
0.50	0.03
1.00	0.06
1.50	0.10
2.00	0.13

BASIN 2B

Laird Point - Phase 2
Basin 2B
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
FP1END	BASE	25-1	0.95	4.482	5.500	0.0011	120	0.55	0.558	0.73	0.254
FP1END	BASE	25-2	1.07	4.487	5.500	0.0010	120	0.56	0.500	0.84	0.248
FP1END	BASE	25-24	12.02	4.459	5.500	0.0004	120	3.64	0.284	12.02	0.241
FP1END	BASE	25-4	2.23	4.482	5.500	0.0008	120	1.24	0.403	1.95	0.244
FP1END	BASE	25-8	4.04	4.491	5.500	0.0006	120	1.98	0.333	4.03	0.244
FP2END	BASE	25-1	1.12	2.824	5.500	0.0005	194	0.73	0.254	1.13	0.242
FP2END	BASE	25-2	1.26	2.827	5.500	0.0005	193	0.84	0.248	1.26	0.243
FP2END	BASE	25-24	12.06	2.821	5.500	0.0004	196	12.02	0.241	12.08	0.241
FP2END	BASE	25-4	2.54	2.828	5.500	0.0005	192	1.95	0.244	2.53	0.243
FP2END	BASE	25-8	4.11	2.830	5.500	0.0005	191	4.03	0.244	4.11	0.244
INFALL	BASE	25-1	0.84	4.664	5.500	0.0022	120	0.44	1.455	0.55	0.558
INFALL	BASE	25-2	0.97	4.664	5.500	0.0015	120	0.44	1.173	0.56	0.500
INFALL	BASE	25-24	12.00	4.628	5.500	0.0003	120	3.53	0.434	3.64	0.284
INFALL	BASE	25-4	2.14	4.654	5.500	0.0010	120	1.11	0.863	1.24	0.403
INFALL	BASE	25-8	4.01	4.664	5.500	0.0008	120	1.85	0.743	1.98	0.333
OUTFALL	BASE	25-1	1.18	2.458	5.500	0.0003	230	1.13	0.242	1.14	0.242
OUTFALL	BASE	25-2	1.32	2.459	5.500	0.0002	229	1.26	0.243	1.24	0.243
OUTFALL	BASE	25-24	11.68	2.458	5.500	0.0001	230	12.08	0.241	11.68	0.241
OUTFALL	BASE	25-4	2.38	2.459	5.500	0.0001	229	2.53	0.243	2.38	0.243
OUTFALL	BASE	25-8	4.03	2.460	5.500	0.0001	228	4.11	0.244	4.03	0.244
POND3	BASE	25-1	0.84	5.189	5.500	0.0045	7721	0.38	6.848	0.99	5.541
POND3	BASE	25-2	0.98	5.192	5.500	0.0035	7726	0.39	6.379	0.50	4.973
POND3	BASE	25-24	12.01	4.709	5.500	-0.0029	6997	12.00	1.281	0.00	0.000
POND3	BASE	25-4	2.17	4.991	5.500	0.0028	7415	1.09	5.195	1.31	4.837
POND3	BASE	25-8	4.03	5.200	5.500	0.0034	7739	2.05	4.833	4.17	5.030
POND4	BASE	25-1	0.84	5.182	5.500	0.0086	6003	0.40	6.789	0.74	5.478
POND4	BASE	25-2	0.98	5.185	5.500	0.0081	6008	0.83	5.699	0.91	5.428
POND4	BASE	25-24	12.00	4.704	5.500	0.0021	5389	12.00	1.270	5.15	5.937
POND4	BASE	25-4	2.16	4.986	5.500	0.0078	5745	2.00	3.287	3.09	5.646
POND4	BASE	25-8	4.03	5.192	5.500	0.0076	6017	4.00	3.951	3.34	5.196
POND5	BASE	25-1	0.83	5.130	5.500	-0.0095	4291	0.76	29.685	0.83	21.923
POND5	BASE	25-2	0.97	5.131	5.500	-0.0093	4292	0.87	30.627	0.97	21.955
POND5	BASE	25-24	12.00	4.685	5.500	-0.0085	3820	5.15	16.203	12.00	7.380
POND5	BASE	25-4	2.14	4.947	5.500	-0.0094	4093	2.05	20.116	2.14	17.337
POND5	BASE	25-8	4.02	5.135	5.500	0.0109	4297	3.97	24.923	4.02	22.051
POND6	BASE	25-1	0.83	4.669	5.500	-0.0032	11250	0.82	23.040	0.83	23.018
POND6	BASE	25-2	0.97	4.669	5.500	-0.0032	11250	0.95	23.096	0.97	23.053
POND6	BASE	25-24	12.00	4.633	5.500	0.0044	11175	15.43	8.797	12.00	7.759
POND6	BASE	25-4	2.14	4.659	5.500	-0.0032	11229	2.14	18.243	2.14	18.230
POND6	BASE	25-8	4.01	4.670	5.500	-0.0032	11251	4.01	23.151	4.01	23.145
S-32	BASE	25-1	0.72	5.779	6.380	0.0010	114	0.67	0.647	0.40	0.632
S-32	BASE	25-2	0.88	5.722	6.380	-0.0011	114	0.83	0.610	0.41	0.714

Laird Point - Phase 2
Basin 2B
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-32	BASE	25-24	12.00	4.729	6.380	-0.0003	114	12.00	0.140	20.98	0.171
S-32	BASE	25-4	2.10	5.197	6.380	-0.0012	114	2.00	0.346	1.20	0.700
S-32	BASE	25-8	4.01	5.543	6.380	-0.0012	114	4.00	0.433	1.97	0.685
S-33	BASE	25-1	0.72	5.774	6.380	-0.0056	117	0.72	0.881	0.74	0.914
S-33	BASE	25-2	0.88	5.718	6.380	-0.0074	117	0.86	0.844	0.41	7.667
S-33	BASE	25-24	12.00	4.728	6.380	0.0004	117	12.00	0.209	21.10	0.280
S-33	BASE	25-4	2.10	5.195	6.380	-0.0079	117	1.20	0.780	1.21	8.434
S-33	BASE	25-8	4.00	5.540	6.380	-0.0072	117	1.97	0.719	4.04	0.679
S-34	BASE	25-1	0.71	6.164	6.130	0.0011	116	0.67	2.600	0.67	2.425
S-34	BASE	25-2	0.87	6.072	6.130	0.0007	116	0.83	2.434	0.84	2.253
S-34	BASE	25-24	12.00	4.749	6.130	0.0002	116	12.00	0.544	12.00	0.544
S-34	BASE	25-4	2.09	5.320	6.130	0.0005	116	2.00	1.374	2.01	1.349
S-34	BASE	25-8	4.00	5.739	6.130	-0.0006	116	4.00	1.689	4.00	1.679
S-35	BASE	25-1	0.71	6.166	6.130	0.0011	116	0.58	2.660	0.67	2.473
S-35	BASE	25-2	0.87	6.073	6.130	0.0007	116	0.83	2.472	0.84	2.290
S-35	BASE	25-24	12.00	4.749	6.130	0.0002	116	12.00	0.548	12.00	0.547
S-35	BASE	25-4	2.09	5.320	6.130	0.0005	116	2.00	1.393	2.01	1.367
S-35	BASE	25-8	4.00	5.739	6.130	-0.0006	116	4.00	1.701	4.00	1.691
S-36	BASE	25-1	0.71	6.103	7.230	0.0014	123	0.67	4.898	0.68	4.745
S-36	BASE	25-2	0.87	6.016	7.230	-0.0061	123	0.84	4.543	0.40	11.221
S-36	BASE	25-24	12.00	4.746	7.230	0.0007	123	12.00	1.091	12.00	1.091
S-36	BASE	25-4	2.09	5.300	7.230	0.0010	123	2.01	2.716	2.03	2.699
S-36	BASE	25-8	4.00	5.707	7.230	0.0010	123	4.00	3.370	4.00	3.362
S-37	BASE	25-1	0.71	6.095	6.130	0.0011	114	0.58	2.561	0.67	2.375
S-37	BASE	25-2	0.87	6.009	6.130	-0.0008	114	0.83	2.373	0.84	2.202
S-37	BASE	25-24	12.00	4.746	6.130	0.0003	114	12.00	0.524	12.00	0.524
S-37	BASE	25-4	2.09	5.297	6.130	0.0007	114	2.00	1.337	2.01	1.312
S-37	BASE	25-8	4.00	5.703	6.130	-0.0006	114	4.00	1.628	4.00	1.619
S-38	BASE	25-1	0.71	6.010	6.130	0.0048	123	0.67	8.577	0.37	9.384
S-38	BASE	25-2	0.87	5.932	6.130	-0.0039	123	0.40	11.764	0.40	11.221
S-38	BASE	25-24	12.00	4.741	6.130	0.0006	123	12.00	1.928	12.00	1.927
S-38	BASE	25-4	2.10	5.270	6.130	0.0022	123	2.02	4.792	2.03	4.775
S-38	BASE	25-8	4.00	5.659	6.130	-0.0008	123	4.00	5.948	4.00	5.939
S-39	BASE	25-1	0.72	5.761	7.290	0.0073	127	0.69	9.193	0.70	9.110
S-39	BASE	25-2	0.88	5.706	7.290	0.0066	127	0.40	11.221	0.87	8.674
S-39	BASE	25-24	12.00	4.728	7.290	-0.0020	127	12.00	2.137	12.00	2.137
S-39	BASE	25-4	2.10	5.191	7.290	0.0076	127	1.21	9.647	2.03	5.262
S-39	BASE	25-8	4.00	5.533	7.290	0.0069	127	4.01	6.577	4.01	6.585
S-40	BASE	25-1	0.72	5.576	6.190	0.0010	114	0.67	1.536	0.67	1.389
S-40	BASE	25-2	0.89	5.541	6.190	0.0012	114	0.83	1.440	0.84	1.322
S-40	BASE	25-24	12.00	4.717	6.190	-0.0006	114	12.00	0.323	5.22	0.388
S-40	BASE	25-4	2.11	5.131	6.190	0.0011	114	2.00	0.814	2.04	0.795

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-40	BASE	25-8	4.00	5.436	6.190	0.0009	114	4.00	1.003	3.99	0.996
S-41	BASE	25-1	0.73	5.547	6.190	-0.0043	132	0.68	13.847	0.68	13.722
S-41	BASE	25-2	0.89	5.516	6.190	0.0026	132	0.85	13.013	0.86	12.968
S-41	BASE	25-24	12.00	4.716	6.190	0.0015	132	12.00	3.188	12.00	3.187
S-41	BASE	25-4	2.11	5.121	6.190	0.0026	132	2.02	7.890	2.03	7.874
S-41	BASE	25-8	4.00	5.420	6.190	0.0015	132	4.00	9.822	4.00	9.813
S-42	BASE	25-1	0.81	5.271	6.130	0.0010	114	0.58	1.813	0.67	1.658
S-42	BASE	25-2	0.95	5.271	6.130	0.0015	114	0.83	1.664	0.84	1.577
S-42	BASE	25-24	12.00	4.699	6.130	-0.0010	114	12.00	0.364	5.22	0.523
S-42	BASE	25-4	2.12	5.024	6.130	0.0008	114	2.00	0.935	2.04	0.918
S-42	BASE	25-8	4.00	5.262	6.130	0.0014	114	4.00	1.130	3.93	1.138
S-43	BASE	25-1	0.81	5.250	6.130	0.0053	130	0.67	16.521	0.68	16.400
S-43	BASE	25-2	0.95	5.250	6.130	0.0053	130	0.85	15.535	0.85	15.485
S-43	BASE	25-24	12.00	4.697	6.130	-0.0036	130	12.00	3.788	5.22	6.526
S-43	BASE	25-4	2.12	5.011	6.130	0.0050	130	2.02	9.400	2.02	9.390
S-43	BASE	25-8	4.01	5.241	6.130	0.0067	130	4.00	11.677	3.99	11.702
S-44	BASE	25-1	0.76	5.396	6.080	0.0011	120	0.58	3.453	0.60	3.270
S-44	BASE	25-2	0.88	5.404	6.080	0.0006	120	0.83	3.103	0.84	2.976
S-44	BASE	25-24	12.00	4.727	6.080	-0.0002	120	12.00	0.662	12.00	0.662
S-44	BASE	25-4	2.10	5.098	6.080	0.0002	120	2.00	1.735	2.00	1.713
S-44	BASE	25-8	4.00	5.375	6.080	-0.0003	120	4.00	2.063	4.00	2.055
S-45	BASE	25-1	0.80	5.287	6.080	-0.0029	121	0.60	5.092	0.38	6.207
S-45	BASE	25-2	0.94	5.290	6.080	-0.0029	121	0.83	4.641	0.39	5.897
S-45	BASE	25-24	12.00	4.719	6.080	-0.0005	121	12.00	1.024	12.00	1.025
S-45	BASE	25-4	2.13	5.046	6.080	-0.0026	121	2.00	2.649	1.09	4.958
S-45	BASE	25-8	4.00	5.293	6.080	-0.0026	121	4.00	3.181	2.05	4.666
S-47	BASE	25-1	0.84	5.183	6.430	-0.0090	119	0.99	5.561	0.77	6.580
S-47	BASE	25-2	0.96	5.186	6.430	-0.0089	119	0.50	5.075	0.90	6.577
S-47	BASE	25-24	12.00	4.710	6.430	0.0048	119	0.30	0.000	12.17	6.808
S-47	BASE	25-4	2.15	4.991	6.430	-0.0058	119	1.31	4.892	3.17	6.933
S-47	BASE	25-8	4.04	5.194	6.430	-0.0067	119	4.17	5.078	3.34	6.560
S-48	BASE	25-1	0.75	5.443	6.080	0.0011	120	0.58	3.638	0.61	3.458
S-48	BASE	25-2	0.87	5.453	6.080	0.0006	120	0.83	3.317	0.84	3.187
S-48	BASE	25-24	12.00	4.726	6.080	0.0001	120	12.00	0.719	12.00	0.719
S-48	BASE	25-4	2.10	5.110	6.080	-0.0003	120	2.00	1.861	2.00	1.839
S-48	BASE	25-8	4.00	5.397	6.080	-0.0005	120	4.00	2.238	4.00	2.231
S-49	BASE	25-1	0.79	5.300	6.080	-0.0051	121	0.60	5.206	0.40	6.212
S-49	BASE	25-2	0.93	5.303	6.080	-0.0054	121	0.83	4.786	0.84	4.671
S-49	BASE	25-24	12.00	4.716	6.080	0.0005	121	12.00	1.067	12.00	1.065
S-49	BASE	25-4	2.13	5.050	6.080	-0.0060	121	2.00	2.738	2.00	2.718
S-49	BASE	25-8	4.00	5.300	6.080	-0.0070	121	4.00	3.314	4.00	3.307

Laird Point - Phase 2
Basin 2B
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-51	BASE	25-1	0.84	5.179	6.430	0.0112	122	0.77	12.070	0.99	13.060
S-51	BASE	25-2	0.96	5.185	6.430	0.0128	122	0.91	12.117	1.16	12.290
S-51	BASE	25-24	12.00	4.691	6.430	-0.0054	122	5.15	12.480	0.00	0.000
S-51	BASE	25-4	2.13	4.986	6.430	0.0066	122	3.09	12.570	1.21	10.812
S-51	BASE	25-8	4.04	5.190	6.430	0.0083	122	3.34	11.789	4.17	12.480
S-52	BASE	25-1	0.79	5.299	6.130	0.0014	114	0.58	1.849	0.60	1.685
S-52	BASE	25-2	0.92	5.302	6.130	0.0015	114	0.83	1.666	0.84	1.555
S-52	BASE	25-24	12.00	4.704	6.130	-0.0004	114	12.00	0.357	12.00	0.368
S-52	BASE	25-4	2.10	5.041	6.130	-0.0016	114	2.00	0.932	1.11	1.004
S-52	BASE	25-8	4.00	5.286	6.130	0.0004	114	4.00	1.110	3.93	1.110
S-53	BASE	25-1	0.79	5.274	6.130	-0.0077	117	0.60	4.197	0.40	8.594
S-53	BASE	25-2	0.93	5.276	6.130	-0.0078	117	0.83	3.842	0.44	9.036
S-53	BASE	25-24	12.00	4.702	6.130	-0.0006	117	12.00	0.863	12.00	0.616
S-53	BASE	25-4	2.12	5.029	6.130	-0.0074	117	2.03	2.204	1.22	9.449
S-53	BASE	25-8	4.00	5.265	6.130	0.0006	117	3.99	2.646	4.00	2.678
S-54	BASE	25-1	0.82	5.171	7.320	0.0114	127	0.40	18.899	0.80	14.546
S-54	BASE	25-2	0.96	5.173	7.320	-0.0116	127	0.43	19.770	0.93	14.620
S-54	BASE	25-24	12.00	4.696	7.320	0.0048	127	0.00	0.000	5.15	9.765
S-54	BASE	25-4	2.13	4.974	7.320	0.0103	127	1.22	20.139	2.05	10.353
S-54	BASE	25-8	3.99	5.176	7.320	0.0096	127	4.17	14.161	3.97	12.741
S-56	BASE	25-1	0.83	5.012	6.500	-0.0069	122	0.83	21.923	0.83	21.920
S-56	BASE	25-2	0.97	5.013	6.500	0.0137	122	0.97	21.955	0.98	21.963
S-56	BASE	25-24	12.00	4.672	6.500	-0.0093	122	12.00	7.380	5.15	9.308
S-56	BASE	25-4	2.14	4.873	6.500	0.0114	122	2.14	17.337	2.14	17.346
S-56	BASE	25-8	4.02	5.016	6.500	0.0141	122	4.02	22.051	4.02	22.050
S-57	BASE	25-1	0.83	4.835	6.500	-0.0148	122	0.83	21.920	0.83	21.921
S-57	BASE	25-2	0.97	4.835	6.500	-0.0106	122	0.98	21.963	0.97	21.955
S-57	BASE	25-24	12.00	4.652	6.500	-0.0093	122	5.15	9.308	15.43	8.612
S-57	BASE	25-4	2.14	4.763	6.500	0.0116	122	2.14	17.346	2.14	17.337
S-57	BASE	25-8	4.02	4.837	6.500	-0.0119	122	4.02	22.050	4.02	22.051
WETLAND	BASE	25-1	0.00	2.000	2.000	0.0000	0	0.84	22.860	0.00	0.000
WETLAND	BASE	25-2	0.00	2.000	2.000	0.0000	0	0.97	23.020	0.00	0.000
WETLAND	BASE	25-24	0.00	2.000	2.000	0.0000	0	12.00	7.759	0.00	0.000
WETLAND	BASE	25-4	0.00	2.000	2.000	0.0000	0	2.14	18.228	0.00	0.000
WETLAND	BASE	25-8	0.00	2.000	2.000	0.0000	0	4.01	23.144	0.00	0.000

Laird Point - Phase 2
Basin 2B
Node Max Conditions Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
FP1END	BASE	25-1	0.95	4.482	5.500	0.0011	120	0.55	0.558	0.73	0.254
FP2END	BASE	25-1	1.12	2.824	5.500	0.0005	194	0.73	0.254	1.13	0.242
INFALL	BASE	25-1	0.84	4.664	5.500	0.0022	120	0.44	1.455	0.55	0.558
OUTFALL	BASE	25-1	1.18	2.458	5.500	0.0003	230	1.13	0.242	1.14	0.242
POND3	BASE	25-1	0.84	5.189	5.500	0.0045	7721	0.38	6.848	0.99	5.541
POND4	BASE	25-1	0.84	5.182	5.500	0.0086	6003	0.40	6.789	0.74	5.478
POND5	BASE	25-1	0.83	5.130	5.500	-0.0095	4291	0.76	29.685	0.83	21.923
POND6	BASE	25-1	0.83	4.669	5.500	-0.0032	11250	0.82	23.040	0.83	23.018
S-32	BASE	25-1	0.72	5.779	6.380	0.0010	114	0.67	0.647	0.40	0.632
S-33	BASE	25-1	0.72	5.774	6.380	-0.0056	117	0.72	0.881	0.74	0.914
S-34	BASE	25-1	0.71	6.164	6.130	0.0011	116	0.67	2.600	0.67	2.425
S-35	BASE	25-1	0.71	6.166	6.130	0.0011	116	0.58	2.660	0.67	2.473
S-36	BASE	25-1	0.71	6.103	7.230	0.0014	123	0.67	4.898	0.68	4.745
S-37	BASE	25-1	0.71	6.095	6.130	0.0011	114	0.58	2.561	0.67	2.375
S-38	BASE	25-1	0.71	6.010	6.130	0.0048	123	0.67	8.577	0.37	9.384
S-39	BASE	25-1	0.72	5.761	7.290	0.0073	127	0.69	9.193	0.70	9.110
S-40	BASE	25-1	0.72	5.576	6.190	0.0010	114	0.67	1.536	0.67	1.389
S-41	BASE	25-1	0.73	5.547	6.190	-0.0043	132	0.68	13.847	0.68	13.722
S-42	BASE	25-1	0.81	5.271	6.130	0.0010	114	0.58	1.813	0.67	1.658
S-43	BASE	25-1	0.81	5.250	6.130	0.0053	130	0.67	16.521	0.68	16.400
S-44	BASE	25-1	0.76	5.396	6.080	0.0011	120	0.58	3.453	0.60	3.270
S-45	BASE	25-1	0.80	5.287	6.080	-0.0029	121	0.60	5.092	0.38	6.207
S-47	BASE	25-1	0.84	5.183	6.430	-0.0090	119	0.99	5.561	0.77	6.580
S-48	BASE	25-1	0.75	5.443	6.080	0.0011	120	0.58	3.638	0.61	3.458
S-49	BASE	25-1	0.79	5.300	6.080	-0.0051	121	0.60	5.206	0.40	6.212
S-51	BASE	25-1	0.84	5.179	6.430	0.0112	122	0.77	12.070	0.99	13.060
S-52	BASE	25-1	0.79	5.299	6.130	0.0014	114	0.58	1.849	0.60	1.685
S-53	BASE	25-1	0.79	5.274	6.130	-0.0077	117	0.60	4.197	0.40	8.594
S-54	BASE	25-1	0.82	5.171	7.320	0.0114	127	0.40	18.899	0.80	14.546
S-56	BASE	25-1	0.83	5.012	6.500	-0.0069	122	0.83	21.923	0.83	21.920
S-57	BASE	25-1	0.83	4.835	6.500	-0.0148	122	0.83	21.920	0.83	21.921
WETLAND	BASE	25-1	0.00	2.000	2.000	0.0000	0	0.84	22.860	0.00	0.000
FP1END	BASE	25-2	1.07	4.487	5.500	0.0010	120	0.56	0.500	0.84	0.248
FP2END	BASE	25-2	1.26	2.827	5.500	0.0005	193	0.84	0.248	1.26	0.243
INFALL	BASE	25-2	0.97	4.664	5.500	0.0015	120	0.44	1.173	0.56	0.500
OUTFALL	BASE	25-2	1.32	2.459	5.500	0.0002	229	1.26	0.243	1.24	0.243
POND3	BASE	25-2	0.98	5.192	5.500	0.0035	7726	0.39	6.379	0.50	4.973
POND4	BASE	25-2	0.98	5.185	5.500	0.0081	6008	0.83	5.699	0.91	5.428
POND5	BASE	25-2	0.97	5.131	5.500	-0.0093	4292	0.87	30.627	0.97	21.955
POND6	BASE	25-2	0.97	4.669	5.500	-0.0032	11250	0.95	23.096	0.97	23.053
S-32	BASE	25-2	0.88	5.722	6.380	-0.0011	114	0.83	0.610	0.41	0.714
S-33	BASE	25-2	0.88	5.718	6.380	-0.0074	117	0.86	0.844	0.41	7.667
S-34	BASE	25-2	0.87	6.072	6.130	0.0007	116	0.83	2.434	0.84	2.253
S-35	BASE	25-2	0.87	6.073	6.130	0.0007	116	0.83	2.472	0.84	2.290
S-36	BASE	25-2	0.87	6.016	7.230	-0.0061	123	0.84	4.543	0.40	11.221
S-37	BASE	25-2	0.87	6.009	6.130	-0.0008	114	0.83	2.373	0.84	2.202
S-38	BASE	25-2	0.87	5.932	6.130	-0.0039	123	0.40	11.764	0.40	11.221
S-39	BASE	25-2	0.88	5.706	7.290	0.0066	127	0.40	11.221	0.87	8.674
S-40	BASE	25-2	0.89	5.541	6.190	0.0012	114	0.83	1.440	0.84	1.322
S-41	BASE	25-2	0.89	5.516	6.190	0.0026	132	0.85	13.013	0.86	12.968

Laird Point - Phase 2
Basin 2B
Node Max Conditions Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-42	BASE	25-2	0.95	5.271	6.130	0.0015	114	0.83	1.664	0.84	1.577
S-43	BASE	25-2	0.95	5.250	6.130	0.0053	130	0.85	15.535	0.85	15.485
S-44	BASE	25-2	0.88	5.404	6.080	0.0006	120	0.83	3.103	0.84	2.976
S-45	BASE	25-2	0.94	5.290	6.080	-0.0029	121	0.83	4.641	0.39	5.897
S-47	BASE	25-2	0.96	5.186	6.430	-0.0089	119	0.50	5.075	0.90	6.577
S-48	BASE	25-2	0.87	5.453	6.080	0.0006	120	0.83	3.317	0.84	3.187
S-49	BASE	25-2	0.93	5.303	6.080	-0.0054	121	0.83	4.786	0.84	4.671
S-51	BASE	25-2	0.96	5.185	6.430	0.0128	122	0.91	12.117	1.16	12.290
S-52	BASE	25-2	0.92	5.302	6.130	0.0015	114	0.83	1.666	0.84	1.555
S-53	BASE	25-2	0.93	5.276	6.130	-0.0078	117	0.83	3.842	0.44	9.036
S-54	BASE	25-2	0.96	5.173	7.320	-0.0116	127	0.43	19.770	0.93	14.620
S-56	BASE	25-2	0.97	5.013	6.500	0.0137	122	0.97	21.955	0.98	21.963
S-57	BASE	25-2	0.97	4.835	6.500	-0.0106	122	0.98	21.963	0.97	21.955
WETLAND	BASE	25-2	0.00	2.000	2.000	0.0000	0	0.97	23.020	0.00	0.000
FP1END	BASE	25-24	12.02	4.459	5.500	0.0004	120	3.64	0.284	12.02	0.241
FP2END	BASE	25-24	12.06	2.821	5.500	0.0004	196	12.02	0.241	12.08	0.241
INFALL	BASE	25-24	12.00	4.628	5.500	0.0003	120	3.53	0.434	3.64	0.284
OUTFALL	BASE	25-24	11.68	2.458	5.500	0.0001	230	12.08	0.241	11.68	0.241
POND3	BASE	25-24	12.01	4.709	5.500	-0.0029	6997	12.00	1.281	0.00	0.000
POND4	BASE	25-24	12.00	4.704	5.500	0.0021	5389	12.00	1.270	5.15	5.937
POND5	BASE	25-24	12.00	4.685	5.500	-0.0085	3820	5.15	16.203	12.00	7.380
POND6	BASE	25-24	12.00	4.633	5.500	0.0044	11175	15.43	8.797	12.00	7.759
S-32	BASE	25-24	12.00	4.729	6.380	-0.0003	114	12.00	0.140	20.98	0.171
S-33	BASE	25-24	12.00	4.728	6.380	0.0004	117	12.00	0.209	21.10	0.280
S-34	BASE	25-24	12.00	4.749	6.130	0.0002	116	12.00	0.544	12.00	0.544
S-35	BASE	25-24	12.00	4.749	6.130	0.0002	116	12.00	0.548	12.00	0.547
S-36	BASE	25-24	12.00	4.746	7.230	0.0007	123	12.00	1.091	12.00	1.091
S-37	BASE	25-24	12.00	4.746	6.130	0.0003	114	12.00	0.524	12.00	0.524
S-38	BASE	25-24	12.00	4.741	6.130	0.0006	123	12.00	1.928	12.00	1.927
S-39	BASE	25-24	12.00	4.728	7.290	-0.0020	127	12.00	2.137	12.00	2.137
S-40	BASE	25-24	12.00	4.717	6.190	-0.0006	114	12.00	0.323	5.22	0.388
S-41	BASE	25-24	12.00	4.716	6.190	0.0015	132	12.00	3.188	12.00	3.187
S-42	BASE	25-24	12.00	4.699	6.130	-0.0010	114	12.00	0.364	5.22	0.523
S-43	BASE	25-24	12.00	4.697	6.130	-0.0036	130	12.00	3.788	5.22	6.526
S-44	BASE	25-24	12.00	4.727	6.080	-0.0002	120	12.00	0.662	12.00	0.662
S-45	BASE	25-24	12.00	4.719	6.080	-0.0005	121	12.00	1.024	12.00	1.025
S-47	BASE	25-24	12.00	4.710	6.430	0.0048	119	0.30	0.000	12.17	6.808
S-48	BASE	25-24	12.00	4.726	6.080	0.0001	120	12.00	0.719	12.00	0.719
S-49	BASE	25-24	12.00	4.716	6.080	0.0005	121	12.00	1.067	12.00	1.065
S-51	BASE	25-24	12.00	4.691	6.430	-0.0054	122	5.15	12.480	0.00	0.000
S-52	BASE	25-24	12.00	4.704	6.130	-0.0004	114	12.00	0.357	12.00	0.368
S-53	BASE	25-24	12.00	4.702	6.130	-0.0006	117	12.00	0.863	12.00	0.616
S-54	BASE	25-24	12.00	4.696	7.320	0.0048	127	0.00	0.000	5.15	9.765
S-56	BASE	25-24	12.00	4.672	6.500	-0.0093	122	12.00	7.380	5.15	9.308
S-57	BASE	25-24	12.00	4.652	6.500	-0.0093	122	5.15	9.308	15.43	8.612
WETLAND	BASE	25-24	0.00	2.000	2.000	0.0000	0	12.00	7.759	0.00	0.000
FP1END	BASE	25-4	2.23	4.482	5.500	0.0008	120	1.24	0.403	1.95	0.244
FP2END	BASE	25-4	2.54	2.828	5.500	0.0005	192	1.95	0.244	2.53	0.243
INFALL	BASE	25-4	2.14	4.654	5.500	0.0010	120	1.11	0.863	1.24	0.403
OUTFALL	BASE	25-4	2.38	2.459	5.500	0.0001	229	2.53	0.243	2.38	0.243

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
POND3	BASE	25-4	2.17	4.991	5.500	0.0028	7415	1.09	5.195	1.31	4.837
POND4	BASE	25-4	2.16	4.986	5.500	0.0078	5745	2.00	3.287	3.09	5.646
POND5	BASE	25-4	2.14	4.947	5.500	-0.0094	4093	2.05	20.116	2.14	17.337
POND6	BASE	25-4	2.14	4.659	5.500	-0.0032	11229	2.14	18.243	2.14	18.230
S-32	BASE	25-4	2.10	5.197	6.380	-0.0012	114	2.00	0.346	1.20	0.700
S-33	BASE	25-4	2.10	5.195	6.380	-0.0079	117	1.20	0.780	1.21	8.434
S-34	BASE	25-4	2.09	5.320	6.130	0.0005	116	2.00	1.374	2.01	1.349
S-35	BASE	25-4	2.09	5.320	6.130	0.0005	116	2.00	1.393	2.01	1.367
S-36	BASE	25-4	2.09	5.300	7.230	0.0010	123	2.01	2.716	2.03	2.699
S-37	BASE	25-4	2.09	5.297	6.130	0.0007	114	2.00	1.337	2.01	1.312
S-38	BASE	25-4	2.10	5.270	6.130	0.0022	123	2.02	4.792	2.03	4.775
S-39	BASE	25-4	2.10	5.191	7.290	0.0076	127	1.21	9.647	2.03	5.262
S-40	BASE	25-4	2.11	5.131	6.190	0.0011	114	2.00	0.814	2.04	0.795
S-41	BASE	25-4	2.11	5.121	6.190	0.0026	132	2.02	7.890	2.03	7.874
S-42	BASE	25-4	2.12	5.024	6.130	0.0008	114	2.00	0.935	2.04	0.918
S-43	BASE	25-4	2.12	5.011	6.130	0.0050	130	2.02	9.400	2.02	9.390
S-44	BASE	25-4	2.10	5.098	6.080	0.0002	120	2.00	1.735	2.00	1.713
S-45	BASE	25-4	2.13	5.046	6.080	-0.0026	121	2.00	2.649	1.09	4.958
S-47	BASE	25-4	2.15	4.991	6.430	-0.0058	119	1.31	4.892	3.17	6.933
S-48	BASE	25-4	2.10	5.110	6.080	-0.0003	120	2.00	1.861	2.00	1.839
S-49	BASE	25-4	2.13	5.050	6.080	-0.0060	121	2.00	2.738	2.00	2.718
S-51	BASE	25-4	2.13	4.986	6.430	0.0066	122	3.09	12.570	1.21	10.812
S-52	BASE	25-4	2.10	5.041	6.130	-0.0016	114	2.00	0.932	1.11	1.004
S-53	BASE	25-4	2.12	5.029	6.130	-0.0074	117	2.03	2.204	1.22	9.449
S-54	BASE	25-4	2.13	4.974	7.320	0.0103	127	1.22	20.139	2.05	10.353
S-56	BASE	25-4	2.14	4.873	6.500	0.0114	122	2.14	17.337	2.14	17.346
S-57	BASE	25-4	2.14	4.763	6.500	0.0116	122	2.14	17.346	2.14	17.337
WETLAND	BASE	25-4	0.00	2.000	2.000	0.0000	0	2.14	18.228	0.00	0.000
FP1END	BASE	25-8	4.04	4.491	5.500	0.0006	120	1.98	0.333	4.03	0.244
FP2END	BASE	25-8	4.11	2.830	5.500	0.0005	191	4.03	0.244	4.11	0.244
INFALL	BASE	25-8	4.01	4.664	5.500	0.0008	120	1.85	0.743	1.98	0.333
OUTFALL	BASE	25-8	4.03	2.460	5.500	0.0001	228	4.11	0.244	4.03	0.244
POND3	BASE	25-8	4.03	5.200	5.500	0.0034	7739	2.05	4.833	4.17	5.030
POND4	BASE	25-8	4.03	5.192	5.500	0.0076	6017	4.00	3.951	3.34	5.196
POND5	BASE	25-8	4.02	5.135	5.500	0.0109	4297	3.97	24.923	4.02	22.051
POND6	BASE	25-8	4.01	4.670	5.500	-0.0032	11251	4.01	23.151	4.01	23.145
S-32	BASE	25-8	4.01	5.543	6.380	-0.0012	114	4.00	0.433	1.97	0.685
S-33	BASE	25-8	4.00	5.540	6.380	-0.0072	117	1.97	0.719	4.04	0.679
S-34	BASE	25-8	4.00	5.739	6.130	-0.0006	116	4.00	1.689	4.00	1.679
S-35	BASE	25-8	4.00	5.739	6.130	-0.0006	116	4.00	1.701	4.00	1.691
S-36	BASE	25-8	4.00	5.707	7.230	0.0010	123	4.00	3.370	4.00	3.362
S-37	BASE	25-8	4.00	5.703	6.130	-0.0006	114	4.00	1.628	4.00	1.619
S-38	BASE	25-8	4.00	5.659	6.130	-0.0008	123	4.00	5.948	4.00	5.939
S-39	BASE	25-8	4.00	5.533	7.290	0.0069	127	4.01	6.577	4.01	6.585
S-40	BASE	25-8	4.00	5.436	6.190	0.0009	114	4.00	1.003	3.99	0.996
S-41	BASE	25-8	4.00	5.420	6.190	0.0015	132	4.00	9.822	4.00	9.813
S-42	BASE	25-8	4.00	5.262	6.130	0.0014	114	4.00	1.130	3.93	1.138
S-43	BASE	25-8	4.01	5.241	6.130	0.0067	130	4.00	11.677	3.99	11.702
S-44	BASE	25-8	4.00	5.375	6.080	-0.0003	120	4.00	2.063	4.00	2.055
S-45	BASE	25-8	4.00	5.293	6.080	-0.0026	121	4.00	3.181	2.05	4.666

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-47	BASE	25-8	4.04	5.194	6.430	-0.0067	119	4.17	5.078	3.34	6.560
S-48	BASE	25-8	4.00	5.397	6.080	-0.0005	120	4.00	2.238	4.00	2.231
S-49	BASE	25-8	4.00	5.300	6.080	-0.0070	121	4.00	3.314	4.00	3.307
S-51	BASE	25-8	4.04	5.190	6.430	0.0083	122	3.34	11.789	4.17	12.480
S-52	BASE	25-8	4.00	5.286	6.130	0.0004	114	4.00	1.110	3.93	1.110
S-53	BASE	25-8	4.00	5.265	6.130	0.0006	117	3.99	2.646	4.00	2.678
S-54	BASE	25-8	3.99	5.176	7.320	0.0096	127	4.17	14.161	3.97	12.741
S-56	BASE	25-8	4.02	5.016	6.500	0.0141	122	4.02	22.051	4.02	22.050
S-57	BASE	25-8	4.02	4.837	6.500	-0.0119	122	4.02	22.050	4.02	22.051
WETLAND	BASE	25-8	0.00	2.000	2.000	0.0000	0	4.01	23.144	0.00	0.000

Laird Point - Phase 2
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Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
CULVERT	BASE	25-1	1.14	0.242	0.001	1.18	2.458	1.14	2.134
CULVERT	BASE	25-2	1.24	0.243	0.001	1.32	2.459	1.24	2.135
CULVERT	BASE	25-24	11.68	0.241	0.001	11.68	2.458	11.68	2.134
CULVERT	BASE	25-4	2.38	0.243	0.001	2.38	2.459	2.38	2.135
CULVERT	BASE	25-8	4.03	0.244	0.001	4.03	2.460	4.03	2.135
FILTER	BASE	25-1	0.73	0.254	0.221	0.95	4.482	1.12	2.824
FILTER	BASE	25-2	0.84	0.248	0.221	1.07	4.487	1.26	2.827
FILTER	BASE	25-24	12.02	0.241	0.221	12.02	4.459	12.06	2.821
FILTER	BASE	25-4	1.95	0.244	0.221	2.23	4.482	2.54	2.828
FILTER	BASE	25-8	4.03	0.244	0.221	4.04	4.491	4.11	2.830
FP1	BASE	25-1	0.55	0.558	-0.002	0.84	4.664	0.95	4.482
FP1	BASE	25-2	0.56	0.500	-0.002	0.97	4.664	1.07	4.487
FP1	BASE	25-24	3.64	0.284	0.001	12.00	4.628	12.02	4.459
FP1	BASE	25-4	1.24	0.403	-0.001	2.14	4.654	2.23	4.482
FP1	BASE	25-8	1.98	0.333	-0.001	4.01	4.664	4.04	4.491
FP2	BASE	25-1	1.13	0.242	0.000	1.12	2.824	1.18	2.458
FP2	BASE	25-2	1.26	0.243	0.000	1.26	2.827	1.32	2.459
FP2	BASE	25-24	12.08	0.241	0.000	12.06	2.821	11.68	2.458
FP2	BASE	25-4	2.53	0.243	0.000	2.54	2.828	2.38	2.459
FP2	BASE	25-8	4.11	0.244	0.000	4.11	2.830	4.03	2.460
L-32	BASE	25-1	0.40	0.632	0.698	0.72	5.779	0.72	5.774
L-32	BASE	25-2	0.41	0.714	0.776	0.88	5.722	0.88	5.718
L-32	BASE	25-24	20.98	0.171	-0.256	12.00	4.729	12.00	4.728
L-32	BASE	25-4	1.20	0.700	0.778	2.10	5.197	2.10	5.195
L-32	BASE	25-8	1.97	0.685	0.798	4.01	5.543	4.00	5.540
L-33	BASE	25-1	0.74	0.914	-1.155	0.72	5.774	0.72	5.761
L-33	BASE	25-2	0.41	7.667	-8.544	0.88	5.718	0.88	5.706
L-33	BASE	25-24	21.10	0.280	0.515	12.00	4.728	12.00	4.728
L-33	BASE	25-4	1.21	8.434	-9.311	2.10	5.195	2.10	5.191
L-33	BASE	25-8	4.04	0.679	-1.245	4.00	5.540	4.00	5.533
L-34	BASE	25-1	0.67	2.425	-0.365	0.71	6.164	0.71	6.103
L-34	BASE	25-2	0.84	2.253	0.568	0.87	6.072	0.87	6.016
L-34	BASE	25-24	12.00	0.544	-0.343	12.00	4.749	12.00	4.746
L-34	BASE	25-4	2.01	1.349	0.396	2.09	5.320	2.09	5.300
L-34	BASE	25-8	4.00	1.679	-0.413	4.00	5.739	4.00	5.707
L-35	BASE	25-1	0.67	2.473	-0.350	0.71	6.166	0.71	6.103
L-35	BASE	25-2	0.84	2.290	0.549	0.87	6.073	0.87	6.016
L-35	BASE	25-24	12.00	0.547	-0.343	12.00	4.749	12.00	4.746
L-35	BASE	25-4	2.01	1.367	0.390	2.09	5.320	2.09	5.300
L-35	BASE	25-8	4.00	1.691	-0.410	4.00	5.739	4.00	5.707
L-36	BASE	25-1	0.68	4.745	-1.525	0.71	6.103	0.71	6.010
L-36	BASE	25-2	0.40	11.221	-12.668	0.87	6.016	0.87	5.932

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
L-36	BASE	25-24	12.00	1.091	-0.400	12.00	4.746	12.00	4.741
L-36	BASE	25-4	2.03	2.699	1.110	2.09	5.300	2.10	5.270
L-36	BASE	25-8	4.00	3.362	0.690	4.00	5.707	4.00	5.659
L-37	BASE	25-1	0.67	2.375	1.333	0.71	6.095	0.71	6.010
L-37	BASE	25-2	0.84	2.202	1.124	0.87	6.009	0.87	5.932
L-37	BASE	25-24	12.00	0.524	0.110	12.00	4.746	12.00	4.741
L-37	BASE	25-4	2.01	1.312	-0.487	2.09	5.297	2.10	5.270
L-37	BASE	25-8	4.00	1.619	-0.258	4.00	5.703	4.00	5.659
L-38	BASE	25-1	0.37	9.384	-10.974	0.71	6.010	0.72	5.761
L-38	BASE	25-2	0.40	11.221	-12.125	0.87	5.932	0.88	5.706
L-38	BASE	25-24	12.00	1.927	0.860	12.00	4.741	12.00	4.728
L-38	BASE	25-4	2.03	4.775	-2.038	2.10	5.270	2.10	5.191
L-38	BASE	25-8	4.00	5.939	-1.930	4.00	5.659	4.00	5.533
L-39	BASE	25-1	0.70	9.110	2.785	0.72	5.761	0.73	5.547
L-39	BASE	25-2	0.87	8.674	2.605	0.88	5.706	0.89	5.516
L-39	BASE	25-24	12.00	2.137	-1.594	12.00	4.728	12.00	4.716
L-39	BASE	25-4	2.03	5.262	-2.066	2.10	5.191	2.11	5.121
L-39	BASE	25-8	4.01	6.585	-2.021	4.00	5.533	4.00	5.420
L-40	BASE	25-1	0.67	1.389	0.675	0.72	5.576	0.73	5.547
L-40	BASE	25-2	0.84	1.322	0.497	0.89	5.541	0.89	5.516
L-40	BASE	25-24	5.22	0.388	0.308	12.00	4.717	12.00	4.716
L-40	BASE	25-4	2.04	0.795	-0.578	2.11	5.131	2.11	5.121
L-40	BASE	25-8	3.99	0.996	0.437	4.00	5.436	4.00	5.420
L-41	BASE	25-1	0.68	13.722	2.165	0.73	5.547	0.81	5.250
L-41	BASE	25-2	0.86	12.968	1.578	0.89	5.516	0.95	5.250
L-41	BASE	25-24	12.00	3.187	1.323	12.00	4.716	12.00	4.697
L-41	BASE	25-4	2.03	7.874	1.562	2.11	5.121	2.12	5.011
L-41	BASE	25-8	4.00	9.813	1.589	4.00	5.420	4.01	5.241
L-42	BASE	25-1	0.67	1.658	-0.661	0.81	5.271	0.81	5.250
L-42	BASE	25-2	0.84	1.577	0.752	0.95	5.271	0.95	5.250
L-42	BASE	25-24	5.22	0.523	0.594	12.00	4.699	12.00	4.697
L-42	BASE	25-4	2.04	0.918	0.770	2.12	5.024	2.12	5.011
L-42	BASE	25-8	3.93	1.138	-0.853	4.00	5.262	4.01	5.241
L-43	BASE	25-1	0.68	16.400	4.115	0.81	5.250	0.83	5.130
L-43	BASE	25-2	0.85	15.485	6.271	0.95	5.250	0.97	5.131
L-43	BASE	25-24	5.22	6.526	4.927	12.00	4.697	12.00	4.685
L-43	BASE	25-4	2.02	9.390	6.855	2.12	5.011	2.14	4.947
L-43	BASE	25-8	3.99	11.702	-7.065	4.01	5.241	4.02	5.135
L-44	BASE	25-1	0.60	3.270	0.207	0.76	5.396	0.80	5.287
L-44	BASE	25-2	0.84	2.976	0.207	0.88	5.404	0.94	5.290
L-44	BASE	25-24	12.00	0.662	-0.085	12.00	4.727	12.00	4.719
L-44	BASE	25-4	2.00	1.713	0.190	2.10	5.098	2.13	5.046

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
L-44	BASE	25-8	4.00	2.055	0.186	4.00	5.375	4.00	5.293
L-45	BASE	25-1	0.38	6.207	-6.811	0.80	5.287	0.84	5.189
L-45	BASE	25-2	0.39	5.897	-6.489	0.94	5.290	0.98	5.192
L-45	BASE	25-24	12.00	1.025	0.583	12.00	4.719	12.01	4.709
L-45	BASE	25-4	1.09	4.958	-5.616	2.13	5.046	2.17	4.991
L-45	BASE	25-8	2.05	4.666	-5.325	4.00	5.293	4.03	5.200
L-46	BASE	25-1	0.99	5.541	5.958	0.84	5.189	0.84	5.183
L-46	BASE	25-2	0.50	4.973	5.897	0.98	5.192	0.96	5.186
L-46	BASE	25-24	0.00	0.000	-3.989	12.01	4.709	12.00	4.710
L-46	BASE	25-4	1.31	4.837	5.144	2.17	4.991	2.15	4.991
L-46	BASE	25-8	4.17	5.030	5.523	4.03	5.200	4.04	5.194
L-47	BASE	25-1	0.77	6.580	-9.179	0.84	5.183	0.84	5.179
L-47	BASE	25-2	0.90	6.577	-9.775	0.96	5.186	0.96	5.185
L-47	BASE	25-24	12.17	6.808	3.441	12.00	4.710	12.00	4.691
L-47	BASE	25-4	3.17	6.933	-4.328	2.15	4.991	2.13	4.986
L-47	BASE	25-8	3.34	6.560	4.901	4.04	5.194	4.04	5.190
L-48	BASE	25-1	0.61	3.458	0.329	0.75	5.443	0.79	5.300
L-48	BASE	25-2	0.84	3.187	0.333	0.87	5.453	0.93	5.303
L-48	BASE	25-24	12.00	0.719	-0.078	12.00	4.726	12.00	4.716
L-48	BASE	25-4	2.00	1.839	0.377	2.10	5.110	2.13	5.050
L-48	BASE	25-8	4.00	2.231	0.400	4.00	5.397	4.00	5.300
L-49	BASE	25-1	0.40	6.212	-7.034	0.79	5.300	0.84	5.182
L-49	BASE	25-2	0.84	4.671	-1.707	0.93	5.303	0.98	5.185
L-49	BASE	25-24	12.00	1.065	-0.477	12.00	4.716	12.00	4.704
L-49	BASE	25-4	2.00	2.718	-1.720	2.13	5.050	2.16	4.986
L-49	BASE	25-8	4.00	3.307	-1.783	4.00	5.300	4.03	5.192
L-50	BASE	25-1	0.74	5.478	6.672	0.84	5.182	0.84	5.179
L-50	BASE	25-2	0.91	5.428	7.322	0.98	5.185	0.96	5.185
L-50	BASE	25-24	5.15	5.937	3.962	12.00	4.704	12.00	4.691
L-50	BASE	25-4	3.09	5.646	-4.603	2.16	4.986	2.13	4.986
L-50	BASE	25-8	3.34	5.196	4.785	4.03	5.192	4.04	5.190
L-51	BASE	25-1	0.99	13.060	10.774	0.84	5.179	0.82	5.171
L-51	BASE	25-2	1.16	12.290	10.309	0.96	5.185	0.96	5.173
L-51	BASE	25-24	0.00	0.000	-5.375	12.00	4.691	12.00	4.696
L-51	BASE	25-4	1.21	10.812	4.912	2.13	4.986	2.13	4.974
L-51	BASE	25-8	4.17	12.480	-5.880	4.04	5.190	3.99	5.176
L-52	BASE	25-1	0.60	1.685	-1.426	0.79	5.299	0.79	5.274
L-52	BASE	25-2	0.84	1.555	0.739	0.92	5.302	0.93	5.276
L-52	BASE	25-24	12.00	0.368	0.035	12.00	4.704	12.00	4.702
L-52	BASE	25-4	1.11	1.004	0.742	2.10	5.041	2.12	5.029
L-52	BASE	25-8	3.93	1.110	-0.224	4.00	5.286	4.00	5.265

Laird Point - Phase 2
Basin 2B
Link Max Comparison Report

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
L-53	BASE	25-1	0.40	8.594	9.228	0.79	5.274	0.82	5.171
L-53	BASE	25-2	0.44	9.036	-9.943	0.93	5.276	0.96	5.173
L-53	BASE	25-24	12.00	0.616	0.593	12.00	4.702	12.00	4.696
L-53	BASE	25-4	1.22	9.449	-10.380	2.12	5.029	2.13	4.974
L-53	BASE	25-8	4.00	2.678	0.570	4.00	5.265	3.99	5.176
L-54	BASE	25-1	0.80	14.546	-11.324	0.82	5.171	0.83	5.130
L-54	BASE	25-2	0.93	14.620	14.747	0.96	5.173	0.97	5.131
L-54	BASE	25-24	5.15	9.765	4.815	12.00	4.696	12.00	4.685
L-54	BASE	25-4	2.05	10.353	13.969	2.13	4.974	2.14	4.947
L-54	BASE	25-8	3.97	12.741	-10.845	3.99	5.176	4.02	5.135
L-55	BASE	25-1	0.83	21.923	6.364	0.83	5.130	0.83	5.012
L-55	BASE	25-2	0.97	21.955	6.173	0.97	5.131	0.97	5.013
L-55	BASE	25-24	12.00	7.380	8.533	12.00	4.685	12.00	4.672
L-55	BASE	25-4	2.14	17.337	9.406	2.14	4.947	2.14	4.873
L-55	BASE	25-8	4.02	22.051	6.102	4.02	5.135	4.02	5.016
L-56	BASE	25-1	0.83	21.920	12.399	0.83	5.012	0.83	4.835
L-56	BASE	25-2	0.98	21.963	10.258	0.97	5.013	0.97	4.835
L-56	BASE	25-24	5.15	9.308	7.653	12.00	4.672	12.00	4.652
L-56	BASE	25-4	2.14	17.346	-12.038	2.14	4.873	2.14	4.763
L-56	BASE	25-8	4.02	22.050	11.622	4.02	5.016	4.02	4.837
L-57	BASE	25-1	0.83	21.921	6.360	0.83	4.835	0.83	4.669
L-57	BASE	25-2	0.97	21.955	-7.307	0.97	4.835	0.97	4.669
L-57	BASE	25-24	15.43	8.612	-10.177	12.00	4.652	12.00	4.633
L-57	BASE	25-4	2.14	17.337	-9.893	2.14	4.763	2.14	4.659
L-57	BASE	25-8	4.02	22.051	9.244	4.02	4.837	4.01	4.670
WEIR1	BASE	25-1	0.44	1.455	0.006	0.83	4.669	0.84	4.664
WEIR1	BASE	25-2	0.44	1.173	0.005	0.97	4.669	0.97	4.664
WEIR1	BASE	25-24	3.53	0.434	0.010	12.00	4.633	12.00	4.628
WEIR1	BASE	25-4	1.11	0.863	0.004	2.14	4.659	2.14	4.654
WEIR1	BASE	25-8	1.85	0.743	0.005	4.01	4.670	4.01	4.664
WEIR2	BASE	25-1	0.83	22.755	0.061	0.83	4.669	0.00	2.000
WEIR2	BASE	25-2	0.97	22.802	0.046	0.97	4.669	0.00	2.000
WEIR2	BASE	25-24	12.00	7.518	0.025	12.00	4.633	0.00	2.000
WEIR2	BASE	25-4	2.14	17.986	0.022	2.14	4.659	0.00	2.000
WEIR2	BASE	25-8	4.01	22.900	0.027	4.01	4.670	0.00	2.000

Laird Point - Phase 2
Basin 2B
Basin Max Report

Simulation	Basin	Group	Time Max hrs	Flow Max cfs	Volume in	Volume ft3
25-1	B-32	BASE	0.62	0.665	1.877	968.194
25-2	B-32	BASE	0.82	0.612	2.815	1451.847
25-24	B-32	BASE	12.00	0.140	8.421	4343.761
25-4	B-32	BASE	2.02	0.348	3.889	2005.955
25-8	B-32	BASE	4.00	0.433	5.822	3003.020
25-1	B-33	BASE	0.60	0.396	2.512	607.251
25-2	B-33	BASE	0.82	0.343	3.545	857.132
25-24	B-33	BASE	12.00	0.070	9.396	2271.559
25-4	B-33	BASE	2.02	0.189	4.696	1135.344
25-8	B-33	BASE	4.00	0.218	6.721	1624.765
25-1	B-34	BASE	0.62	2.687	1.994	3946.036
25-2	B-34	BASE	0.82	2.443	2.952	5844.200
25-24	B-34	BASE	12.00	0.544	8.616	17054.944
25-4	B-34	BASE	2.02	1.380	4.044	8005.166
25-8	B-34	BASE	4.00	1.689	5.999	11873.757
25-1	B-35	BASE	0.62	2.743	2.041	4042.807
25-2	B-35	BASE	0.82	2.482	3.008	5958.316
25-24	B-35	BASE	12.00	0.548	8.694	17218.117
25-4	B-35	BASE	2.02	1.398	4.107	8133.710
25-8	B-35	BASE	4.00	1.701	6.069	12020.501
25-1	B-37	BASE	0.62	2.638	2.057	3892.413
25-2	B-37	BASE	0.82	2.383	3.027	5727.375
25-24	B-37	BASE	12.00	0.524	8.720	16496.984
25-4	B-37	BASE	2.02	1.341	4.128	7809.622
25-8	B-37	BASE	4.00	1.628	6.093	11527.597
25-1	B-38	BASE	0.62	1.537	1.978	2254.266
25-2	B-38	BASE	0.82	1.400	2.934	3344.115
25-24	B-38	BASE	12.00	0.313	8.590	9791.191
25-4	B-38	BASE	2.02	0.791	4.023	4585.879
25-8	B-38	BASE	4.00	0.970	5.975	6810.380
25-1	B-40	BASE	0.62	1.586	1.970	2324.680
25-2	B-40	BASE	0.82	1.445	2.925	3451.407
25-24	B-40	BASE	12.00	0.324	8.577	10122.003
25-4	B-40	BASE	2.02	0.817	4.013	4735.720
25-8	B-40	BASE	4.00	1.004	5.963	7037.214
25-1	B-41	BASE	0.62	3.650	2.041	5379.542
25-2	B-41	BASE	0.82	3.303	3.008	7928.405
25-24	B-41	BASE	12.00	0.729	8.694	22911.205
25-4	B-41	BASE	2.02	1.861	4.107	10823.082
25-8	B-41	BASE	4.00	2.263	6.069	15995.022
25-1	B-42	BASE	0.62	1.860	2.114	2757.454
25-2	B-42	BASE	0.82	1.672	3.093	4034.565
25-24	B-42	BASE	12.00	0.364	8.810	11490.254
25-4	B-42	BASE	2.02	0.938	4.201	5479.784
25-8	B-42	BASE	4.00	1.130	6.176	8054.626
25-1	B-43	BASE	0.62	1.248	2.205	1864.520
25-2	B-43	BASE	0.82	1.112	3.199	2704.282
25-24	B-43	BASE	12.00	0.238	8.951	7567.472
25-4	B-43	BASE	2.02	0.621	4.318	3650.607
25-8	B-43	BASE	4.00	0.740	6.306	5331.012
25-1	B-44	BASE	0.62	3.515	2.248	5269.100
25-2	B-44	BASE	0.82	3.120	3.247	7612.180
25-24	B-44	BASE	12.00	0.662	9.015	21133.572
25-4	B-44	BASE	2.02	1.739	4.371	10247.718
25-8	B-44	BASE	4.00	2.063	6.365	14920.899
25-1	B-45	BASE	0.62	1.873	2.155	2785.339
25-2	B-45	BASE	0.82	1.676	3.141	4059.113
25-24	B-45	BASE	12.00	0.362	8.874	11467.814
25-4	B-45	BASE	2.02	0.939	4.254	5497.780
25-8	B-45	BASE	4.00	1.125	6.235	8057.024

Laird Point - Phase 2
Basin 2B
Basin Max Report

Simulation	Basin	Group	Time Max hrs	Flow Max cfs	Volume in	Volume ft3
25-1	B-47	BASE	0.56	0.196	3.461	330.444
25-2	B-47	BASE	0.82	0.153	4.557	435.091
25-24	B-47	BASE	12.00	0.029	10.545	1006.702
25-4	B-47	BASE	2.00	0.082	5.754	549.346
25-8	B-47	BASE	4.00	0.090	7.830	747.493
25-1	B-48	BASE	0.62	3.725	2.155	5539.382
25-2	B-48	BASE	0.82	3.334	3.141	8072.619
25-24	B-48	BASE	12.00	0.719	8.874	22806.776
25-4	B-48	BASE	2.02	1.867	4.254	10933.788
25-8	B-48	BASE	4.00	2.238	6.235	16023.520
25-1	B-49	BASE	0.62	1.798	2.147	2672.546
25-2	B-49	BASE	0.82	1.611	3.131	3897.845
25-24	B-49	BASE	12.00	0.348	8.861	11029.831
25-4	B-49	BASE	2.02	0.902	4.244	5282.290
25-8	B-49	BASE	4.00	1.083	6.223	7745.827
25-1	B-51	BASE	0.56	0.212	3.461	358.086
25-2	B-51	BASE	0.82	0.166	4.557	471.486
25-24	B-51	BASE	12.00	0.031	10.545	1090.913
25-4	B-51	BASE	2.00	0.089	5.754	595.299
25-8	B-51	BASE	4.00	0.097	7.830	810.021
25-1	B-52	BASE	0.62	1.884	2.231	2820.348
25-2	B-52	BASE	0.82	1.675	3.228	4080.930
25-24	B-52	BASE	12.00	0.357	8.989	11365.653
25-4	B-52	BASE	2.02	0.934	4.350	5499.895
25-8	B-52	BASE	4.00	1.110	6.341	8017.371
25-1	B-53	BASE	0.62	2.578	2.180	3842.494
25-2	B-53	BASE	0.82	2.302	3.170	5586.379
25-24	B-53	BASE	12.00	0.495	8.913	15707.263
25-4	B-53	BASE	2.02	1.288	4.286	7553.769
25-8	B-53	BASE	4.00	1.539	6.270	11050.405
25-1	B-POND3	BASE	0.60	1.559	2.805	2449.919
25-2	B-POND3	BASE	0.82	1.309	3.868	3377.896
25-24	B-POND3	BASE	12.00	0.256	9.784	8545.407
25-4	B-POND3	BASE	2.00	0.713	5.040	4402.004
25-8	B-POND3	BASE	4.00	0.803	7.089	6191.682
25-1	B-POND4	BASE	0.60	1.237	2.756	1934.060
25-2	B-POND4	BASE	0.82	1.043	3.815	2676.670
25-24	B-POND4	BASE	12.00	0.205	9.722	6821.759
25-4	B-POND4	BASE	2.00	0.569	4.984	3497.266
25-8	B-POND4	BASE	4.00	0.644	7.030	4932.668
25-1	B-POND5	BASE	0.60	0.926	2.576	1425.171
25-2	B-POND5	BASE	0.82	0.795	3.617	2000.914
25-24	B-POND5	BASE	12.00	0.160	9.484	5246.751
25-4	B-POND5	BASE	2.02	0.437	4.773	2640.553
25-8	B-POND5	BASE	4.00	0.501	6.804	3763.940
25-1	B-POND6	BASE	0.60	2.193	2.756	3430.881
25-2	B-POND6	BASE	0.82	1.850	3.815	4748.215
25-24	B-POND6	BASE	12.00	0.364	9.722	12101.300
25-4	B-POND6	BASE	2.00	1.010	4.984	6203.893
25-8	B-POND6	BASE	4.00	1.142	7.030	8750.191

```
            Basin Name: B-32
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-32
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.142
  Vol of Unit Hyd (in): 1.001
          Curve Number: 81.100
              DCIA (%): 0.000

       Time Max (hrs): 0.62
       Flow Max (cfs): 0.665
    Runoff Volume (in): 1.877
   Runoff Volume (ft3): 968.194


------------------------------------------------------------------------------

            Basin Name: B-33
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-33
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.067
  Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

       Time Max (hrs): 0.60
       Flow Max (cfs): 0.396
    Runoff Volume (in): 2.512
   Runoff Volume (ft3): 607.251


------------------------------------------------------------------------------

            Basin Name: B-34
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-34
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
```

```
            Area (ac): 0.545
  Vol of Unit Hyd (in): 1.000
         Curve Number: 82.600
             DCIA (%): 0.000

       Time Max (hrs): 0.62
       Flow Max (cfs): 2.687
    Runoff Volume (in): 1.994
   Runoff Volume (ft3): 3946.036


--------------------------------------------------------------------------------

            Basin Name: B-35
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-35
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.546
  Vol of Unit Hyd (in): 1.000
         Curve Number: 83.200
             DCIA (%): 0.000

       Time Max (hrs): 0.62
       Flow Max (cfs): 2.743
    Runoff Volume (in): 2.041
   Runoff Volume (ft3): 4042.807


--------------------------------------------------------------------------------

            Basin Name: B-37
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-37
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.521
  Vol of Unit Hyd (in): 1.000
         Curve Number: 83.400
             DCIA (%): 0.000

       Time Max (hrs): 0.62
       Flow Max (cfs): 2.638
    Runoff Volume (in): 2.057
   Runoff Volume (ft3): 3892.413


--------------------------------------------------------------------------------

            Basin Name: B-38
            Group Name: BASE
            Simulation: 25-1
```

```
             Node Name: S-38
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.314
 Vol of Unit Hyd (in): 1.000
        Curve Number: 82.400
            DCIA (%): 0.000

      Time Max (hrs): 0.62
      Flow Max (cfs): 1.537
  Runoff Volume (in): 1.978
 Runoff Volume (ft3): 2254.266
```

```
            Basin Name: B-40
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-40
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.325
 Vol of Unit Hyd (in): 1.000
        Curve Number: 82.300
            DCIA (%): 0.000

      Time Max (hrs): 0.62
      Flow Max (cfs): 1.586
  Runoff Volume (in): 1.970
 Runoff Volume (ft3): 2324.680
```

```
            Basin Name: B-41
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-41
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.726
 Vol of Unit Hyd (in): 1.000
        Curve Number: 83.200
```

```
              DCIA (%): 0.000

         Time Max (hrs): 0.62
         Flow Max (cfs): 3.650
     Runoff Volume (in): 2.041
    Runoff Volume (ft3): 5379.542
```

```
             Basin Name: B-42
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-42
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.359
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.100
              DCIA (%): 0.000

         Time Max (hrs): 0.62
         Flow Max (cfs): 1.860
     Runoff Volume (in): 2.114
    Runoff Volume (ft3): 2757.454
```

```
             Basin Name: B-43
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-43
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.233
   Vol of Unit Hyd (in): 1.000
          Curve Number: 85.200
              DCIA (%): 0.000

         Time Max (hrs): 0.62
         Flow Max (cfs): 1.248
     Runoff Volume (in): 2.205
    Runoff Volume (ft3): 1864.520
```

```
             Basin Name: B-44
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-44
             Basin Type: SCS Unit Hydrograph
```

```
       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.646
  Vol of Unit Hyd (in): 1.000
          Curve Number: 85.700
              DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 3.515
    Runoff Volume (in): 2.248
   Runoff Volume (ft3): 5269.100


--------------------------------------------------------------------------------

             Basin Name: B-45
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-45
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.356
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.600
              DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 1.873
    Runoff Volume (in): 2.155
   Runoff Volume (ft3): 2785.339


--------------------------------------------------------------------------------

             Basin Name: B-47
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-47
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.026
  Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

        Time Max (hrs): 0.56
```

```
        Flow Max (cfs): 0.196
     Runoff Volume (in): 3.461
   Runoff Volume (ft3): 330.444
```

```
            Basin Name: B-48
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-48
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.708
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.600
              DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 3.725
     Runoff Volume (in): 2.155
   Runoff Volume (ft3): 5539.382
```

```
            Basin Name: B-49
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-49
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.343
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.500
              DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 1.798
     Runoff Volume (in): 2.147
   Runoff Volume (ft3): 2672.546
```

```
            Basin Name: B-51
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-51
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
```

```
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.029
   Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

         Time Max (hrs): 0.56
        Flow Max (cfs): 0.212
     Runoff Volume (in): 3.461
    Runoff Volume (ft3): 358.086


--------------------------------------------------------------------------------

             Basin Name: B-52
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-52
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.348
   Vol of Unit Hyd (in): 1.000
          Curve Number: 85.500
              DCIA (%): 0.000

         Time Max (hrs): 0.62
        Flow Max (cfs): 1.884
     Runoff Volume (in): 2.231
    Runoff Volume (ft3): 2820.348


--------------------------------------------------------------------------------

             Basin Name: B-53
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-53
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.485
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.900
              DCIA (%): 0.000

         Time Max (hrs): 0.62
        Flow Max (cfs): 2.578
     Runoff Volume (in): 2.180
    Runoff Volume (ft3): 3842.494
```

```
            Basin Name: B-POND3
            Group Name: BASE
            Simulation: 25-1
             Node Name: POND3
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.241
 Vol of Unit Hyd (in): 1.000
        Curve Number: 91.800
            DCIA (%): 0.000

      Time Max (hrs): 0.60
      Flow Max (cfs): 1.559
   Runoff Volume (in): 2.805
  Runoff Volume (ft3): 2449.919
```

```
            Basin Name: B-POND4
            Group Name: BASE
            Simulation: 25-1
             Node Name: POND4
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.193
 Vol of Unit Hyd (in): 1.000
        Curve Number: 91.300
            DCIA (%): 0.000

      Time Max (hrs): 0.60
      Flow Max (cfs): 1.237
   Runoff Volume (in): 2.756
  Runoff Volume (ft3): 1934.060
```

```
            Basin Name: B-POND5
            Group Name: BASE
            Simulation: 25-1
             Node Name: POND5
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
```

```
   Storm Duration (hrs): 1.00
                 Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.152
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
               DCIA (%): 0.000

         Time Max (hrs): 0.60
        Flow Max (cfs): 0.926
     Runoff Volume (in): 2.576
    Runoff Volume (ft3): 1425.171
```

```
             Basin Name: B-POND6
             Group Name: BASE
             Simulation: 25-1
              Node Name: POND6
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.343
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
               DCIA (%): 0.000

         Time Max (hrs): 0.60
        Flow Max (cfs): 2.193
     Runoff Volume (in): 2.756
    Runoff Volume (ft3): 3430.881
```

```
             Basin Name: B-32
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-32
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.142
   Vol of Unit Hyd (in): 1.001
          Curve Number: 81.100
               DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 0.612
     Runoff Volume (in): 2.815
    Runoff Volume (ft3): 1451.847
```

```
            Basin Name: B-33
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-33
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.067
  Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
               DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 0.343
    Runoff Volume (in): 3.545
   Runoff Volume (ft3): 857.132
```

```
            Basin Name: B-34
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-34
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.545
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.600
               DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 2.443
    Runoff Volume (in): 2.952
   Runoff Volume (ft3): 5844.200
```

```
            Basin Name: B-35
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-35
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
```

```
       Time Shift (hrs): 0.00
             Area (ac): 0.546
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.200
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 2.482
     Runoff Volume (in): 3.008
    Runoff Volume (ft3): 5958.316
```

```
            Basin Name: B-37
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-37
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
             Area (ac): 0.521
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.400
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 2.383
     Runoff Volume (in): 3.027
    Runoff Volume (ft3): 5727.375
```

```
            Basin Name: B-38
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-38
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
             Area (ac): 0.314
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.400
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 1.400
     Runoff Volume (in): 2.934
    Runoff Volume (ft3): 3344.115
```

```
            Basin Name: B-40
            Group Name: BASE
```

```
            Simulation: 25-2
             Node Name: S-40
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.325
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.300
              DCIA (%): 0.000

       Time Max (hrs): 0.82
       Flow Max (cfs): 1.445
    Runoff Volume (in): 2.925
   Runoff Volume (ft3): 3451.407


--------------------------------------------------------------------------------

            Basin Name: B-41
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-41
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.726
  Vol of Unit Hyd (in): 1.000
          Curve Number: 83.200
              DCIA (%): 0.000

       Time Max (hrs): 0.82
       Flow Max (cfs): 3.303
    Runoff Volume (in): 3.008
   Runoff Volume (ft3): 7928.405


--------------------------------------------------------------------------------

            Basin Name: B-42
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-42
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.359
  Vol of Unit Hyd (in): 1.000
```

```
          Curve Number: 84.100
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 1.672
     Runoff Volume (in): 3.093
    Runoff Volume (ft3): 4034.565
```

```
            Basin Name: B-43
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-43
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.233
  Vol of Unit Hyd (in): 1.000
          Curve Number: 85.200
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 1.112
     Runoff Volume (in): 3.199
    Runoff Volume (ft3): 2704.282
```

```
            Basin Name: B-44
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-44
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.646
  Vol of Unit Hyd (in): 1.000
          Curve Number: 85.700
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 3.120
     Runoff Volume (in): 3.247
    Runoff Volume (ft3): 7612.180
```

```
            Basin Name: B-45
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-45
            Basin Type: SCS Unit Hydrograph
```

```
        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.356
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.600
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 1.676
     Runoff Volume (in): 3.141
    Runoff Volume (ft3): 4059.113
```

```
             Basin Name: B-47
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-47
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.026
   Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 0.153
     Runoff Volume (in): 4.557
    Runoff Volume (ft3): 435.091
```

```
             Basin Name: B-48
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-48
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.708
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.600
              DCIA (%): 0.000
```

```
        Time Max (hrs): 0.82
        Flow Max (cfs): 3.334
     Runoff Volume (in): 3.141
    Runoff Volume (ft3): 8072.619


------------------------------------------------------------------------------

            Basin Name: B-49
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-49
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.343
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.500
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 1.611
     Runoff Volume (in): 3.131
    Runoff Volume (ft3): 3897.845


------------------------------------------------------------------------------

            Basin Name: B-51
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-51
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.029
   Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 0.166
     Runoff Volume (in): 4.557
    Runoff Volume (ft3): 471.486


------------------------------------------------------------------------------

            Basin Name: B-52
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-52
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
```

```
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.348
   Vol of Unit Hyd (in): 1.000
          Curve Number: 85.500
              DCIA (%): 0.000

         Time Max (hrs): 0.82
         Flow Max (cfs): 1.675
     Runoff Volume (in): 3.228
    Runoff Volume (ft3): 4080.930


--------------------------------------------------------------------------------

             Basin Name: B-53
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-53
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.485
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.900
              DCIA (%): 0.000

         Time Max (hrs): 0.82
         Flow Max (cfs): 2.302
     Runoff Volume (in): 3.170
    Runoff Volume (ft3): 5586.379


--------------------------------------------------------------------------------

             Basin Name: B-POND3
             Group Name: BASE
             Simulation: 25-2
              Node Name: POND3
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.241
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.800
              DCIA (%): 0.000

         Time Max (hrs): 0.82
         Flow Max (cfs): 1.309
     Runoff Volume (in): 3.868
```

```
    Runoff Volume (ft3): 3377.896

--------------------------------------------------------------------------------

            Basin Name: B-POND4
            Group Name: BASE
            Simulation: 25-2
             Node Name: POND4
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.193
  Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
               DCIA (%): 0.000

       Time Max (hrs): 0.82
       Flow Max (cfs): 1.043
    Runoff Volume (in): 3.815
   Runoff Volume (ft3): 2676.670

--------------------------------------------------------------------------------

            Basin Name: B-POND5
            Group Name: BASE
            Simulation: 25-2
             Node Name: POND5
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.152
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
               DCIA (%): 0.000

       Time Max (hrs): 0.82
       Flow Max (cfs): 0.795
    Runoff Volume (in): 3.617
   Runoff Volume (ft3): 2000.914

--------------------------------------------------------------------------------

            Basin Name: B-POND6
            Group Name: BASE
            Simulation: 25-2
             Node Name: POND6
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
```

```
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.343
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
              DCIA (%): 0.000

         Time Max (hrs): 0.82
         Flow Max (cfs): 1.850
     Runoff Volume (in): 3.815
    Runoff Volume (ft3): 4748.215


--------------------------------------------------------------------------------

             Basin Name: B-32
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-32
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: UH484
           Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.142
   Vol of Unit Hyd (in): 1.001
          Curve Number: 81.100
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.140
     Runoff Volume (in): 8.421
    Runoff Volume (ft3): 4343.761


--------------------------------------------------------------------------------

             Basin Name: B-33
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-33
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: UH484
           Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.067
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

         Time Max (hrs): 12.00
         Flow Max (cfs): 0.070
     Runoff Volume (in): 9.396
    Runoff Volume (ft3): 2271.559
```

```
            Basin Name: B-34
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-34
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.545
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.600
              DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.544
    Runoff Volume (in): 8.616
   Runoff Volume (ft3): 17054.944
```

```
            Basin Name: B-35
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-35
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.546
  Vol of Unit Hyd (in): 1.000
          Curve Number: 83.200
              DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.548
    Runoff Volume (in): 8.694
   Runoff Volume (ft3): 17218.117
```

```
            Basin Name: B-37
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-37
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
```

```
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.521
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.400
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.524
     Runoff Volume (in): 8.720
    Runoff Volume (ft3): 16496.984


-------------------------------------------------------------------------------

            Basin Name: B-38
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-38
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.314
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.400
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.313
     Runoff Volume (in): 8.590
    Runoff Volume (ft3): 9791.191


-------------------------------------------------------------------------------

            Basin Name: B-40
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-40
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.325
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.300
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.324
     Runoff Volume (in): 8.577
    Runoff Volume (ft3): 10122.003


-------------------------------------------------------------------------------

            Basin Name: B-41
```

```
           Group Name: BASE
           Simulation: 25-24
            Node Name: S-41
           Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
 Rainfall Amount (in): 10.800
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.726
 Vol of Unit Hyd (in): 1.000
        Curve Number: 83.200
            DCIA (%): 0.000

      Time Max (hrs): 12.00
      Flow Max (cfs): 0.729
   Runoff Volume (in): 8.694
 Runoff Volume (ft3): 22911.205
```

```
           Basin Name: B-42
           Group Name: BASE
           Simulation: 25-24
            Node Name: S-42
           Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
 Rainfall Amount (in): 10.800
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.359
 Vol of Unit Hyd (in): 1.000
        Curve Number: 84.100
            DCIA (%): 0.000

      Time Max (hrs): 12.00
      Flow Max (cfs): 0.364
   Runoff Volume (in): 8.810
 Runoff Volume (ft3): 11490.254
```

```
           Basin Name: B-43
           Group Name: BASE
           Simulation: 25-24
            Node Name: S-43
           Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
 Rainfall Amount (in): 10.800
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.233
```

```
   Vol of Unit Hyd (in): 1.000
         Curve Number: 85.200
             DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.238
    Runoff Volume (in): 8.951
   Runoff Volume (ft3): 7567.472
```

```
            Basin Name: B-44
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-44
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
 Rainfall Amount (in): 10.800
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.646
 Vol of Unit Hyd (in): 1.000
         Curve Number: 85.700
             DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.662
    Runoff Volume (in): 9.015
   Runoff Volume (ft3): 21133.572
```

```
            Basin Name: B-45
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-45
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
 Rainfall Amount (in): 10.800
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.356
 Vol of Unit Hyd (in): 1.000
         Curve Number: 84.600
             DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.362
    Runoff Volume (in): 8.874
   Runoff Volume (ft3): 11467.814
```

```
            Basin Name: B-47
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-47
```

```
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.026
  Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.029
    Runoff Volume (in): 10.545
   Runoff Volume (ft3): 1006.702
```

```
             Basin Name: B-48
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-48
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.708
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.600
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.719
    Runoff Volume (in): 8.874
   Runoff Volume (ft3): 22806.776
```

```
             Basin Name: B-49
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-49
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.343
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.500
              DCIA (%): 0.000
```

```
        Time Max (hrs): 12.00
        Flow Max (cfs): 0.348
     Runoff Volume (in): 8.861
   Runoff Volume (ft3): 11029.831
```

```
            Basin Name: B-51
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-51
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.029
  Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.031
     Runoff Volume (in): 10.545
   Runoff Volume (ft3): 1090.913
```

```
            Basin Name: B-52
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-52
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.348
  Vol of Unit Hyd (in): 1.000
          Curve Number: 85.500
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.357
     Runoff Volume (in): 8.989
   Runoff Volume (ft3): 11365.653
```

```
            Basin Name: B-53
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-53
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
```

```
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.485
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.900
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.495
     Runoff Volume (in): 8.913
    Runoff Volume (ft3): 15707.263


--------------------------------------------------------------------------------

             Basin Name: B-POND3
             Group Name: BASE
             Simulation: 25-24
              Node Name: POND3
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.241
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.800
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.256
     Runoff Volume (in): 9.784
    Runoff Volume (ft3): 8545.407


--------------------------------------------------------------------------------

             Basin Name: B-POND4
             Group Name: BASE
             Simulation: 25-24
              Node Name: POND4
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.193
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.205
```

```
     Runoff Volume (in): 9.722
    Runoff Volume (ft3): 6821.759


--------------------------------------------------------------------------------

            Basin Name: B-POND5
            Group Name: BASE
            Simulation: 25-24
             Node Name: POND5
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.152
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
              DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.160
    Runoff Volume (in): 9.484
   Runoff Volume (ft3): 5246.751


--------------------------------------------------------------------------------

            Basin Name: B-POND6
            Group Name: BASE
            Simulation: 25-24
             Node Name: POND6
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.343
  Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
              DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.364
    Runoff Volume (in): 9.722
   Runoff Volume (ft3): 12101.300


--------------------------------------------------------------------------------

            Basin Name: B-32
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-32
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
```

```
         Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.142
   Vol of Unit Hyd (in): 1.001
          Curve Number: 81.100
              DCIA (%): 0.000

        Time Max (hrs): 2.02
        Flow Max (cfs): 0.348
     Runoff Volume (in): 3.889
    Runoff Volume (ft3): 2005.955
```

```
             Basin Name: B-33
             Group Name: BASE
             Simulation: 25-4
              Node Name: S-33
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.067
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

        Time Max (hrs): 2.02
        Flow Max (cfs): 0.189
     Runoff Volume (in): 4.696
    Runoff Volume (ft3): 1135.344
```

```
             Basin Name: B-34
             Group Name: BASE
             Simulation: 25-4
              Node Name: S-34
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.545
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.600
              DCIA (%): 0.000

        Time Max (hrs): 2.02
        Flow Max (cfs): 1.380
     Runoff Volume (in): 4.044
    Runoff Volume (ft3): 8005.166
```

```
            Basin Name: B-35
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-35
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
           Area (ac): 0.546
 Vol of Unit Hyd (in): 1.000
        Curve Number: 83.200
            DCIA (%): 0.000

      Time Max (hrs): 2.02
      Flow Max (cfs): 1.398
   Runoff Volume (in): 4.107
  Runoff Volume (ft3): 8133.710
```

```
            Basin Name: B-37
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-37
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
           Area (ac): 0.521
 Vol of Unit Hyd (in): 1.000
        Curve Number: 83.400
            DCIA (%): 0.000

      Time Max (hrs): 2.02
      Flow Max (cfs): 1.341
   Runoff Volume (in): 4.128
  Runoff Volume (ft3): 7809.622
```

```
            Basin Name: B-38
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-38
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
```

```
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.314
  Vol of Unit Hyd (in): 1.000
         Curve Number: 82.400
             DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 0.791
    Runoff Volume (in): 4.023
   Runoff Volume (ft3): 4585.879
```

```
            Basin Name: B-40
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-40
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.325
  Vol of Unit Hyd (in): 1.000
         Curve Number: 82.300
             DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 0.817
    Runoff Volume (in): 4.013
   Runoff Volume (ft3): 4735.720
```

```
            Basin Name: B-41
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-41
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.726
  Vol of Unit Hyd (in): 1.000
         Curve Number: 83.200
             DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 1.861
    Runoff Volume (in): 4.107
   Runoff Volume (ft3): 10823.082
```

```
            Basin Name: B-42
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-42
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
             Area (ac): 0.359
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.100
              DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 0.938
    Runoff Volume (in): 4.201
   Runoff Volume (ft3): 5479.784
```

```
            Basin Name: B-43
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-43
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
             Area (ac): 0.233
  Vol of Unit Hyd (in): 1.000
          Curve Number: 85.200
              DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 0.621
    Runoff Volume (in): 4.318
   Runoff Volume (ft3): 3650.607
```

```
            Basin Name: B-44
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-44
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
```

```
            Area (ac): 0.646
  Vol of Unit Hyd (in): 1.000
         Curve Number: 85.700
             DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 1.739
    Runoff Volume (in): 4.371
   Runoff Volume (ft3): 10247.718


-------------------------------------------------------------------------------

            Basin Name: B-45
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-45
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
            Area (ac): 0.356
  Vol of Unit Hyd (in): 1.000
         Curve Number: 84.600
             DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 0.939
    Runoff Volume (in): 4.254
   Runoff Volume (ft3): 5497.780


-------------------------------------------------------------------------------

            Basin Name: B-47
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-47
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
            Area (ac): 0.026
  Vol of Unit Hyd (in): 1.000
         Curve Number: 98.000
             DCIA (%): 0.000

       Time Max (hrs): 2.00
       Flow Max (cfs): 0.082
    Runoff Volume (in): 5.754
   Runoff Volume (ft3): 549.346


-------------------------------------------------------------------------------

            Basin Name: B-48
            Group Name: BASE
            Simulation: 25-4
```

```
             Node Name: S-48
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.708
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.600
              DCIA (%): 0.000

        Time Max (hrs): 2.02
        Flow Max (cfs): 1.867
    Runoff Volume (in): 4.254
   Runoff Volume (ft3): 10933.788
```

```
             Basin Name: B-49
             Group Name: BASE
             Simulation: 25-4
              Node Name: S-49
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.343
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.500
              DCIA (%): 0.000

        Time Max (hrs): 2.02
        Flow Max (cfs): 0.902
    Runoff Volume (in): 4.244
   Runoff Volume (ft3): 5282.290
```

```
             Basin Name: B-51
             Group Name: BASE
             Simulation: 25-4
              Node Name: S-51
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.029
  Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
```

```
             DCIA (%): 0.000

       Time Max (hrs): 2.00
       Flow Max (cfs): 0.089
    Runoff Volume (in): 5.754
   Runoff Volume (ft3): 595.299
```

```
           Basin Name: B-S2
           Group Name: BASE
           Simulation: 25-4
            Node Name: S-52
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
           Area (ac): 0.348
 Vol of Unit Hyd (in): 1.000
        Curve Number: 85.500
            DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 0.934
    Runoff Volume (in): 4.350
   Runoff Volume (ft3): 5499.895
```

```
           Basin Name: B-S3
           Group Name: BASE
           Simulation: 25-4
            Node Name: S-53
           Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
           Area (ac): 0.485
 Vol of Unit Hyd (in): 1.000
        Curve Number: 84.900
            DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 1.288
    Runoff Volume (in): 4.286
   Runoff Volume (ft3): 7553.769
```

```
           Basin Name: B-POND3
           Group Name: BASE
           Simulation: 25-4
            Node Name: POND3
           Basin Type: SCS Unit Hydrograph
```

```
        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.241
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.800
              DCIA (%): 0.000

         Time Max (hrs): 2.00
        Flow Max (cfs): 0.713
     Runoff Volume (in): 5.040
    Runoff Volume (ft3): 4402.004
```

```
             Basin Name: B-POND4
             Group Name: BASE
             Simulation: 25-4
              Node Name: POND4
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.193
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
              DCIA (%): 0.000

         Time Max (hrs): 2.00
        Flow Max (cfs): 0.569
     Runoff Volume (in): 4.984
    Runoff Volume (ft3): 3497.266
```

```
             Basin Name: B-POND5
             Group Name: BASE
             Simulation: 25-4
              Node Name: POND5
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.152
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
              DCIA (%): 0.000

         Time Max (hrs): 2.02
```

```
        Flow Max (cfs): 0.437
     Runoff Volume (in): 4.773
    Runoff Volume (ft3): 2640.553
```

```
            Basin Name: B-POND6
            Group Name: BASE
            Simulation: 25-4
             Node Name: POND6
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.343
 Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
              DCIA (%): 0.000

        Time Max (hrs): 2.00
        Flow Max (cfs): 1.010
     Runoff Volume (in): 4.984
    Runoff Volume (ft3): 6203.893
```

```
            Basin Name: B-32
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-32
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-8
  Rainfall Amount (in): 8.080
  Storm Duration (hrs): 8.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.142
 Vol of Unit Hyd (in): 1.001
          Curve Number: 81.100
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 0.433
     Runoff Volume (in): 5.822
    Runoff Volume (ft3): 3003.020
```

```
            Basin Name: B-33
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-33
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
```

```
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.067
   Vol of Unit Hyd (in): 1.000
          Curve Number: 88.700
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 0.218
     Runoff Volume (in): 6.721
    Runoff Volume (ft3): 1624.765
```

```
             Basin Name: B-34
             Group Name: BASE
             Simulation: 25-8
              Node Name: S-34
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.545
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.600
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 1.689
     Runoff Volume (in): 5.999
    Runoff Volume (ft3): 11873.757
```

```
             Basin Name: B-35
             Group Name: BASE
             Simulation: 25-8
              Node Name: S-35
             Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.546
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.200
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 1.701
     Runoff Volume (in): 6.069
    Runoff Volume (ft3): 12020.501
```

Basin Name:	B-37
Group Name:	BASE
Simulation:	25-8
Node Name:	S-37
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	UH484
Peaking Fator:	484.0
Spec Time Inc (min):	1.33
Comp Time Inc (min):	1.33
Rainfall File:	FDOT-8
Rainfall Amount (in):	8.080
Storm Duration (hrs):	8.00
Status:	Onsite
Time of Conc (min):	10.00
Time Shift (hrs):	0.00
Area (ac):	0.521
Vol of Unit Hyd (in):	1.000
Curve Number:	83.400
DCIA (%):	0.000
Time Max (hrs):	4.00
Flow Max (cfs):	1.628
Runoff Volume (in):	6.093
Runoff Volume (ft3):	11527.597

Basin Name:	B-38
Group Name:	BASE
Simulation:	25-8
Node Name:	S-38
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	UH484
Peaking Fator:	484.0
Spec Time Inc (min):	1.33
Comp Time Inc (min):	1.33
Rainfall File:	FDOT-8
Rainfall Amount (in):	8.080
Storm Duration (hrs):	8.00
Status:	Onsite
Time of Conc (min):	10.00
Time Shift (hrs):	0.00
Area (ac):	0.314
Vol of Unit Hyd (in):	1.000
Curve Number:	82.400
DCIA (%):	0.000
Time Max (hrs):	4.00
Flow Max (cfs):	0.970
Runoff Volume (in):	5.975
Runoff Volume (ft3):	6810.380

Basin Name:	B-40
Group Name:	BASE
Simulation:	25-8
Node Name:	S-40
Basin Type:	SCS Unit Hydrograph
Unit Hydrograph:	UH484
Peaking Fator:	484.0
Spec Time Inc (min):	1.33
Comp Time Inc (min):	1.33
Rainfall File:	FDOT-8
Rainfall Amount (in):	8.080

```
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.325
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.300
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 1.004
     Runoff Volume (in): 5.963
    Runoff Volume (ft3): 7037.214
```

```
            Basin Name: B-41
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-41
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.726
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.200
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 2.263
     Runoff Volume (in): 6.069
    Runoff Volume (ft3): 15995.022
```

```
            Basin Name: B-42
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-42
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.359
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.100
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 1.130
     Runoff Volume (in): 6.176
    Runoff Volume (ft3): 8054.626
```

```
            Basin Name: B-43
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-43
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
             Area (ac): 0.233
 Vol of Unit Hyd (in): 1.000
         Curve Number: 85.200
             DCIA (%): 0.000

       Time Max (hrs): 4.00
       Flow Max (cfs): 0.740
  Runoff Volume (in): 6.306
 Runoff Volume (ft3): 5331.012
```

```
            Basin Name: B-44
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-44
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
             Area (ac): 0.646
 Vol of Unit Hyd (in): 1.000
         Curve Number: 85.700
             DCIA (%): 0.000

       Time Max (hrs): 4.00
       Flow Max (cfs): 2.063
  Runoff Volume (in): 6.365
 Runoff Volume (ft3): 14920.899
```

```
            Basin Name: B-45
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-45
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
   Time of Conc (min): 10.00
```

```
       Time Shift (hrs): 0.00
             Area (ac): 0.356
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.600
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 1.125
     Runoff Volume (in): 6.235
    Runoff Volume (ft3): 8057.024
```

```
            Basin Name: B-47
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-47
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
             Area (ac): 0.026
   Vol of Unit Hyd (in): 1.000
          Curve Number: 98.000
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 0.090
     Runoff Volume (in): 7.830
    Runoff Volume (ft3): 747.493
```

```
            Basin Name: B-48
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-48
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
             Area (ac): 0.708
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.600
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 2.238
     Runoff Volume (in): 6.235
    Runoff Volume (ft3): 16023.520
```

```
            Basin Name: B-49
            Group Name: BASE
```

```
            Simulation: 25-8
             Node Name: S-49
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
     Spec Time Inc (min): 1.33
     Comp Time Inc (min): 1.33
           Rainfall File: FDOT-8
    Rainfall Amount (in): 8.080
    Storm Duration (hrs): 8.00
                  Status: Onsite
      Time of Conc (min): 10.00
        Time Shift (hrs): 0.00
              Area (ac): 0.343
    Vol of Unit Hyd (in): 1.000
           Curve Number: 84.500
               DCIA (%): 0.000

         Time Max (hrs): 4.00
         Flow Max (cfs): 1.083
      Runoff Volume (in): 6.223
     Runoff Volume (ft3): 7745.827
```

```
            Basin Name: B-51
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-51
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
     Spec Time Inc (min): 1.33
     Comp Time Inc (min): 1.33
           Rainfall File: FDOT-8
    Rainfall Amount (in): 8.080
    Storm Duration (hrs): 8.00
                  Status: Onsite
      Time of Conc (min): 10.00
        Time Shift (hrs): 0.00
              Area (ac): 0.029
    Vol of Unit Hyd (in): 1.000
           Curve Number: 98.000
               DCIA (%): 0.000

         Time Max (hrs): 4.00
         Flow Max (cfs): 0.097
      Runoff Volume (in): 7.830
     Runoff Volume (ft3): 810.021
```

```
            Basin Name: B-52
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-52
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
     Spec Time Inc (min): 1.33
     Comp Time Inc (min): 1.33
           Rainfall File: FDOT-8
    Rainfall Amount (in): 8.080
    Storm Duration (hrs): 8.00
                  Status: Onsite
      Time of Conc (min): 10.00
        Time Shift (hrs): 0.00
              Area (ac): 0.348
    Vol of Unit Hyd (in): 1.000
```

```
          Curve Number: 85.500
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 1.110
     Runoff Volume (in): 6.341
    Runoff Volume (ft3): 8017.371
```

```
            Basin Name: B-53
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-53
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.485
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.900
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 1.539
     Runoff Volume (in): 6.270
    Runoff Volume (ft3): 11050.405
```

```
            Basin Name: B-POND3
            Group Name: BASE
            Simulation: 25-8
             Node Name: POND3
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.241
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.800
              DCIA (%): 0.000

        Time Max (hrs): 4.00
        Flow Max (cfs): 0.803
     Runoff Volume (in): 7.089
    Runoff Volume (ft3): 6191.682
```

```
            Basin Name: B-POND4
            Group Name: BASE
            Simulation: 25-8
             Node Name: POND4
            Basin Type: SCS Unit Hydrograph
```

```
        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.193
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 0.644
     Runoff Volume (in): 7.030
    Runoff Volume (ft3): 4932.668
```

```
             Basin Name: B-POND5
             Group Name: BASE
             Simulation: 25-8
              Node Name: POND5
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.152
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 0.501
     Runoff Volume (in): 6.804
    Runoff Volume (ft3): 3763.940
```

```
             Basin Name: B-POND6
             Group Name: BASE
             Simulation: 25-8
              Node Name: POND6
             Basin Type: SCS Unit Hydrograph

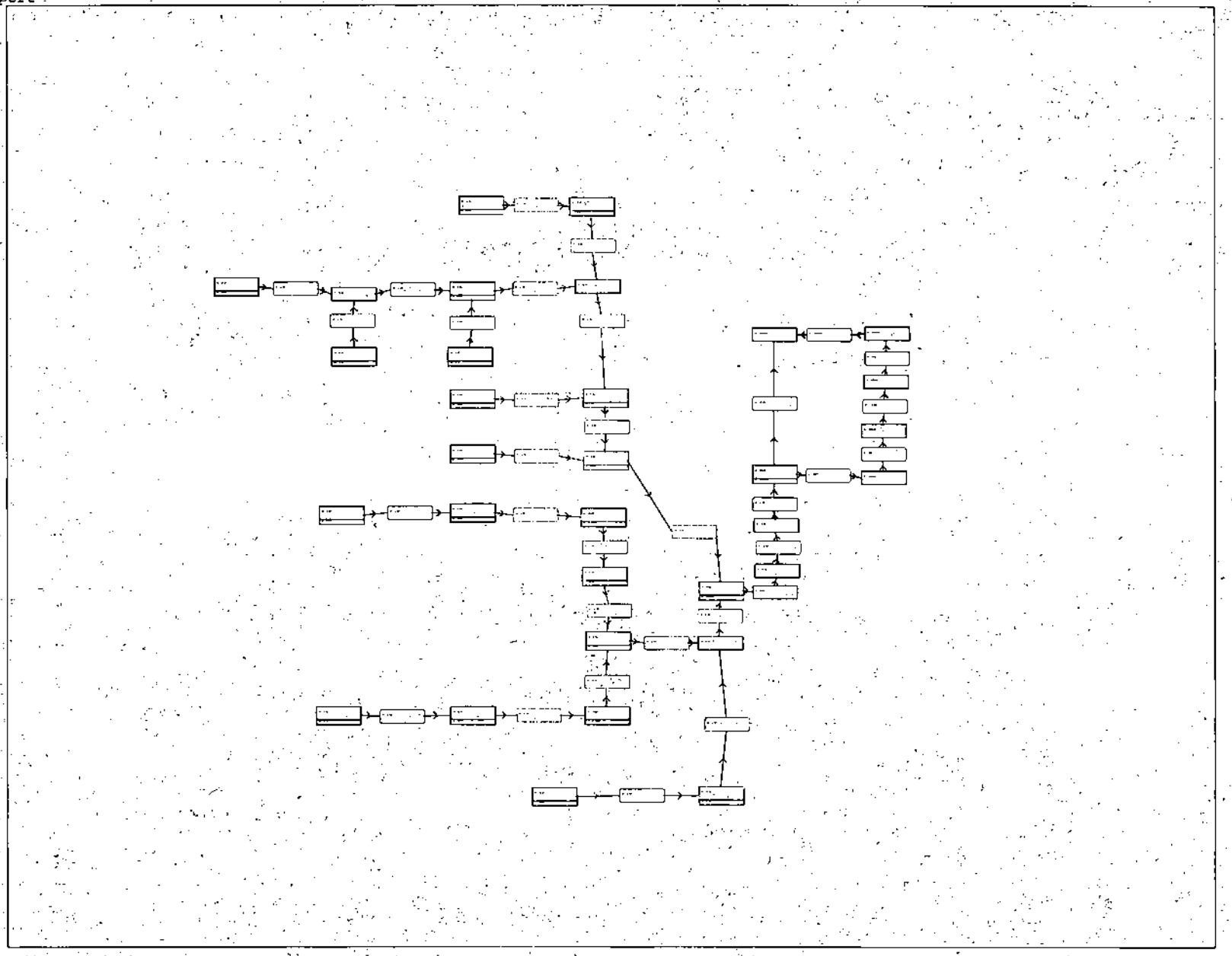
        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.343
   Vol of Unit Hyd (in): 1.000
          Curve Number: 91.300
              DCIA (%): 0.000
```

```
        Time Max (hrs): 4.00
        Flow Max (cfs): 1.142
    Runoff Volume (in): 7.030
Runoff Volume (ft3): 8750.191
```

Nodes
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

Basins
O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

Links
P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



Name: B-32		Node: S-32	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.142	Time Shift(hrs):	0.00
Curve Number:	81.10	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-33		Node: S-33	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.067	Time Shift(hrs):	0.00
Curve Number:	88.70	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-34		Node: S-34	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.545	Time Shift(hrs):	0.00
Curve Number:	82.60	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-35		Node: S-35	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.546	Time Shift(hrs):	0.00
Curve Number:	83.20	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-37		Node: S-37	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.521	Time Shift(hrs):	0.00
Curve Number:	83.40	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-38		Node: S-38	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.314	Time Shift(hrs):	0.00
Curve Number:	82.40	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-40		Node: S-40	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.325	Time Shift(hrs):	0.00
Curve Number:	82.30	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-41		Node: S-41	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.726	Time Shift(hrs):	0.00
Curve Number:	83.20	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-42		Node: S-42	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.359	Time Shift(hrs):	0.00
Curve Number:	84.10	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-43		Node: S-43	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.233	Time Shift(hrs):	0.00
Curve Number:	85.20	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-44		Node: S-44	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.646	Time Shift(hrs):	0.00
Curve Number:	85.70	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-45		Node: S-45	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00

Rainfall Amount(in): 3.700
Area(ac): 0.356
Curve Number: 84.60
DCIA(%): 0.00
Time of Conc(min): 10.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Name: B-47
Group: BASE
Node: S-47
Type: SCS Unit Hydrograph CN
Status: Onsite

Unit Hydrograph: UH484
Rainfall File: FDOT-1
Rainfall Amount(in): 3.700
Area(ac): 0.026
Curve Number: 98.00
DCIA(%): 0.00
Peaking Factor: 484.0
Storm Duration(hrs): 1.00
Time of Conc(min): 10.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Name: B-48
Group: BASE
Node: S-48
Type: SCS Unit Hydrograph CN
Status: Onsite

Unit Hydrograph: UH484
Rainfall File: FDOT-1
Rainfall Amount(in): 3.700
Area(ac): 0.708
Curve Number: 84.60
DCIA(%): 0.00
Peaking Factor: 484.0
Storm Duration(hrs): 1.00
Time of Conc(min): 10.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Name: B-49
Group: BASE
Node: S-49
Type: SCS Unit Hydrograph CN
Status: Onsite

Unit Hydrograph: UH484
Rainfall File: FDOT-1
Rainfall Amount(in): 3.700
Area(ac): 0.343
Curve Number: 84.50
DCIA(%): 0.00
Peaking Factor: 484.0
Storm Duration(hrs): 1.00
Time of Conc(min): 10.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Name: B-51
Group: BASE
Node: S-51
Type: SCS Unit Hydrograph CN
Status: Onsite

Unit Hydrograph: UH484
Rainfall File: FDOT-1
Rainfall Amount(in): 3.700
Area(ac): 0.029
Curve Number: 98.00
DCIA(%): 0.00
Peaking Factor: 484.0
Storm Duration(hrs): 1.00
Time of Conc(min): 10.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Name: B-52
Group: BASE
Node: S-52
Type: SCS Unit Hydrograph CN
Status: Onsite

Unit Hydrograph: UH484
Rainfall File: FDOT-1
Rainfall Amount(in): 3.700
Area(ac): 0.348
Curve Number: 85.50
DCIA(%): 0.00
Peaking Factor: 484.0
Storm Duration(hrs): 1.00
Time of Conc(min): 10.00
Time Shift(hrs): 0.00
Max Allowable Q(cfs): 999999.000

Name: B-53
Node: S-53
Status: Onsite

Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.485	Time Shift(hrs):	0.00
Curve Number:	84.90	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-POND3 | Node: POND3 | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.241	Time Shift(hrs):	0.00
Curve Number:	91.80	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-POND4 | Node: POND4 | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.193	Time Shift(hrs):	0.00
Curve Number:	91.30	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-POND5 | Node: POND5 | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.152	Time Shift(hrs):	0.00
Curve Number:	89.40	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-POND6 | Node: POND6 | Status: Onsite
Group: BASE | Type: SCS Unit Hydrograph CN

Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.343	Time Shift(hrs):	0.00
Curve Number:	91.30	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: FP1END Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.500	0.0001
2.830	0.0008
3.170	0.0016
5.500	0.0018

Name: FP2END Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.000	0.0001
2.330	0.0008
2.670	0.0016
5.500	0.0018

Name: INFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.500	0.0001
5.500	0.0001

Name: OUTFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.000	0.0001
5.500	0.0001

Name: POND3 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
-1.700	0.0004
3.990	0.0004
4.000	0.1372
4.500	0.1534
5.000	0.1704
5.500	0.1882

Name: POND4 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
-1.700	0.0004
3.990	0.0004
4.000	0.1040
4.500	0.1177
5.000	0.1322
5.500	0.1474

Name: POND5 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
-2.300	0.0004
3.990	0.0004
4.000	0.0717
4.500	0.0829
5.000	0.0949
5.500	0.1075

Name: POND6 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
-2.500	0.0001
3.490	0.0001
3.500	0.1827
4.000	0.2160
4.500	0.2501
5.000	0.2739
5.500	0.2953

Name: S-32 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.380
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-33 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.380
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-34 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-35 Base Flow(cfs): 0.000 Init Stage(ft): 2.800

Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-36 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.230
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-37 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-38 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-39 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.290
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-40 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.190
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-41 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.190
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-42 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-43 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-44 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.080
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-45 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.080
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-47 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.430
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)
-1.700	0.0001
6.430	0.0001

Name: S-48 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.080
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-49 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.080
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-51 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.430
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

-1.900	0.0001
6.430	0.0001

Name: S-52 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-53 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-54 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.320
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)
-2.100	0.0001
7.320	0.0001

Name: S-56 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.500
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)
-2.500	0.0001
6.500	0.0001

Name: S-57 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.500
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)
-2.700	0.0001
6.500	0.0001

Name: WETLAND Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 2.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	2.000
24.00	2.000

Name:	CULVERT	From Node:	OUTFALL	Length(ft):	6.52
Group:	BASE	To Node:	WETLAND	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	12.00	12.00		Entrance Loss Coef:	0.30
Rise(in):	12.00	12.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	2.000		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	FP1	From Node:	INFALL	Length(ft):	370.48
Group:	BASE	To Node:	FP1END	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.700	2.700		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

FILTER PIPE No. 1

Name:	FP2	From Node:	FP2END	Length(ft):	370.48
Group:	BASE	To Node:	OUTFALL	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	2.200		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

FILTER PIPE No. 1

Name:	L-32	From Node:	S-32	Length(ft):	24.25
Group:	BASE	To Node:	S-33	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both

Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.500	2.000	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-33	From Node: S-33	Length(ft):	85.41
Group:	BASE	To Node: S-39	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	1.750	0.850	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-34	From Node: S-34	Length(ft):	73.72
Group:	BASE	To Node: S-36	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	2.350	1.850	Bend Loss Coef:	0.17
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-35	From Node: S-35	Length(ft):	73.89
Group:	BASE	To Node: S-36	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	2.350	1.850	Bend Loss Coef:	0.47
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc

Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-36	From Node: S-36	Length(ft):	85.20
Group:	BASE	To Node: S-38	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	24.00	24.00	Entrance Loss Coef:	0.20
Rise(in):	24.00	24.00	Exit Loss Coef:	1.00
Invert(ft):	1.350	0.850	Bend Loss Coef:	0.17
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-37	From Node: S-37	Length(ft):	24.25
Group:	BASE	To Node: S-38	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.500	1.600	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-38	From Node: S-38	Length(ft):	92.32
Group:	BASE	To Node: S-39	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	24.00	24.00	Entrance Loss Coef:	0.20
Rise(in):	24.00	24.00	Exit Loss Coef:	1.00
Invert(ft):	0.850	0.350	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-39	From Node:	S-39	Length(ft): 105.49
Group:	BASE	To Node:	S-41	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	30.00	30.00		Entrance Loss Coef: 0.20
Rise(in):	30.00	30.00		Exit Loss Coef: 1.00
Invert(ft):	-0.150	-0.650		Bend Loss Coef: 0.17
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-40	From Node:	S-40	Length(ft): 24.25
Group:	BASE	To Node:	S-41	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	15.00	15.00		Entrance Loss Coef: 0.20
Rise(in):	15.00	15.00		Exit Loss Coef: 1.00
Invert(ft):	2.500	0.600		Bend Loss Coef: 0.91
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-41	From Node:	S-41	Length(ft): 192.92
Group:	BASE	To Node:	S-43	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	30.00	30.00		Entrance Loss Coef: 0.20
Rise(in):	30.00	30.00		Exit Loss Coef: 1.00
Invert(ft):	-0.650	-1.150		Bend Loss Coef: 0.39
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-42	From Node:	S-42	Length(ft):	24.25
Group:	BASE	To Node:	S-43	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	15.00	15.00		Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00		Exit Loss Coef:	1.00
Invert(ft):	2.500	0.100		Bend Loss Coef:	0.33
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-43	From Node:	S-43	Length(ft):	50.51
Group:	BASE	To Node:	POND5	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	36.00	36.00		Entrance Loss Coef:	0.20
Rise(in):	36.00	36.00		Exit Loss Coef:	1.00
Invert(ft):	-1.650	-2.300		Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-44	From Node:	S-44	Length(ft):	178.94
Group:	BASE	To Node:	S-45	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	18.00	18.00		Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00		Exit Loss Coef:	1.00
Invert(ft):	2.300	1.000		Bend Loss Coef:	0.17
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-45	From Node:	S-45	Length(ft):	35.98
Group:	BASE	To Node:	POND3	Count:	1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	18.00	18.00
Rise(in):	18.00	18.00
Invert(ft):	1.000	0.500
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.58
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-46 From Node: POND3 Length(ft): 58.33
Group: BASE To Node: S-47 Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	36.00	36.00
Rise(in):	36.00	36.00
Invert(ft):	-1.000	-1.500
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.00
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-47 From Node: S-47 Length(ft): 24.25
Group: BASE To Node: S-51 Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	36.00	36.00
Rise(in):	36.00	36.00
Invert(ft):	-1.500	-1.900
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.70
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-48 From Node: S-48 Length(ft): 178.94
Group: BASE To Node: S-49 Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	18.00	18.00
Rise(in):	18.00	18.00

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00

Invert(ft):	2.300	1.000	Bend Loss Coef:	0.17
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-49	From Node: S-49	Length(ft):	42.22
Group:	BASE	To Node: POND4	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	1.000	0.000	Bend Loss Coef:	0.58
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-50	From Node: POND4	Length(ft):	32.72
Group:	BASE	To Node: S-51	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	36.00	36.00	Entrance Loss Coef:	0.20
Rise(in):	36.00	36.00	Exit Loss Coef:	1.00
Invert(ft):	-1.500	-1.900	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-51	From Node: S-51	Length(ft):	55.26
Group:	BASE	To Node: S-54	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	42.00	42.00	Entrance Loss Coef:	0.20
Rise(in):	42.00	42.00	Exit Loss Coef:	1.00
Invert(ft):	-2.400	-2.600	Bend Loss Coef:	0.43
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-52	From Node:	S-52	Length(ft): 24.25
Group:	BASE	To Node:	S-53	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	15.00	15.00		Entrance Loss Coef: 0.20
Rise(in):	15.00	15.00		Exit Loss Coef: 1.00
Invert(ft):	2.500	1.750		Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-53	From Node:	S-53	Length(ft): 86.14
Group:	BASE	To Node:	S-54	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	18.00	18.00		Entrance Loss Coef: 0.20
Rise(in):	18.00	18.00		Exit Loss Coef: 1.00
Invert(ft):	1.500	-0.600		Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-54	From Node:	S-54	Length(ft): 71.45
Group:	BASE	To Node:	POND5	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	42.00	42.00		Entrance Loss Coef: 0.20
Rise(in):	42.00	42.00		Exit Loss Coef: 1.00
Invert(ft):	-2.600	-2.800		Bend Loss Coef: 0.47
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-55	From Node:	POND5	Length(ft): 52.26
Group:	BASE	To Node:	S-56	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	42.00	42.00		Entrance Loss Coef: 0.20
Rise(in):	42.00	42.00		Exit Loss Coef: 1.00
Invert(ft):	-2.800	-3.000		Bend Loss Coef: 0.47
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-56	From Node:	S-56	Length(ft): 45.83
Group:	BASE	To Node:	S-57	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	42.00	42.00		Entrance Loss Coef: 0.20
Rise(in):	42.00	42.00		Exit Loss Coef: 1.00
Invert(ft):	-3.000	-3.200		Bend Loss Coef: 0.28
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-57	From Node:	S-57	Length(ft): 56.51
Group:	BASE	To Node:	POND6	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	42.00	42.00		Entrance Loss Coef: 0.20
Rise(in):	42.00	42.00		Exit Loss Coef: 1.00
Invert(ft):	-3.200	-3.400		Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Laird Point - Phase 2
Basin 2B
Weir Input Report

Name:	WEIR1	From Node:	POND6
Group:	BASE	To Node:	INFALL
Flow:	Both	Count:	1
Type:	Vertical: Mavis	Geometry:	Rectangular

Span(in):	24.00
Rise(in):	999.00
Invert(ft):	3.250
Control Elevation(ft):	3.250
	TABLE
Bottom Clip(in):	0.000
Top Clip(in):	0.000
Weir Discharge Coef:	3.200
Orifice Discharge Coef:	0.600

Name:	WEIR2	From Node:	POND6
Group:	BASE	To Node:	WETLAND
Flow:	Both	Count:	1
Type:	Vertical: Fread	Geometry:	Rectangular

Span(in):	4680.00
Rise(in):	9999.00
Invert(ft):	4.600
Control Elevation(ft):	4.600
	TABLE
Bottom Clip(in):	0.000
Top Clip(in):	0.000
Weir Discharge Coef:	3.200
Orifice Discharge Coef:	0.600

Name: FILTER | From Node: FP1END | Count: 1
Group: BASE | To Node: FP2END | Flow: Both

TABLE	ELEV ON(ft)	ELEV OFF(ft)
#1: FILTER	3.500	3.500
#2:	0.000	0.000
#3:	0.000	0.000
#4:	0.000	0.000

Name: FILTER Group: BASE
Type: Rating Curve
Function: Head vs. Discharge

Head(ft)	Discharge(cfs)
0.00	0.00
1.00	0.15
2.00	0.29
3.00	0.44

BASIN 2C

Laird Point - Phase 2
Basin 2C
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
FP1END	BASE	25-1	0.75	4.464	5.500	0.0049	118	0.47	0.504	0.65	0.203
FP1END	BASE	25-2	0.87	4.467	5.500	0.0033	118	0.46	0.428	0.76	0.198
FP1END	BASE	25-24	12.01	4.436	5.500	0.0008	118	3.26	0.285	12.01	0.194
FP1END	BASE	25-4	2.04	4.453	5.500	0.0014	118	1.07	0.363	2.03	0.195
FP1END	BASE	25-8	4.01	4.457	5.500	0.0011	118	1.78	0.350	4.01	0.196
FP2END	BASE	25-1	0.90	2.703	5.500	0.0015	195	0.65	0.203	0.93	0.195
FP2END	BASE	25-2	0.97	2.704	5.500	0.0015	195	0.76	0.198	1.00	0.196
FP2END	BASE	25-24	12.02	2.700	5.500	0.0004	196	12.01	0.194	12.02	0.194
FP2END	BASE	25-4	2.08	2.702	5.500	0.0007	196	2.03	0.195	2.09	0.195
FP2END	BASE	25-8	4.03	2.703	5.500	0.0006	195	4.01	0.196	4.03	0.196
INFALL	BASE	25-1	0.67	4.552	5.500	0.0044	118	0.40	1.084	0.47	0.504
INFALL	BASE	25-2	0.84	4.549	5.500	0.0030	118	0.39	0.944	0.46	0.428
INFALL	BASE	25-24	11.99	4.515	5.500	0.0006	118	3.22	0.420	3.26	0.285
INFALL	BASE	25-4	2.01	4.533	5.500	0.0019	118	1.01	0.798	1.07	0.363
INFALL	BASE	25-8	4.00	4.538	5.500	0.0015	118	1.72	0.769	1.78	0.350
OUTFALL	BASE	25-1	0.99	2.413	5.500	0.0013	203	0.93	0.195	0.99	0.195
OUTFALL	BASE	25-2	1.06	2.413	5.500	0.0004	203	1.00	0.196	1.06	0.196
OUTFALL	BASE	25-24	12.04	2.412	5.500	0.0001	203	12.02	0.194	12.04	0.194
OUTFALL	BASE	25-4	2.13	2.413	5.500	0.0002	203	2.09	0.195	2.13	0.195
OUTFALL	BASE	25-8	4.05	2.413	5.500	0.0001	203	4.03	0.196	4.05	0.196
POND7	BASE	25-1	0.67	4.557	5.510	0.0061	16022	0.67	32.955	0.67	32.928
POND7	BASE	25-2	0.84	4.553	5.510	0.0036	16015	0.84	30.170	0.84	30.109
POND7	BASE	25-24	11.99	4.519	5.510	0.0043	15941	11.67	7.261	11.99	6.762
POND7	BASE	25-4	2.01	4.537	5.510	0.0041	15979	2.00	17.469	2.01	17.316
POND7	BASE	25-8	4.00	4.542	5.510	0.0037	15990	3.99	21.138	4.00	20.983
S-70	BASE	25-1	0.68	6.002	6.210	-0.0046	114	0.58	2.456	0.67	2.400
S-70	BASE	25-2	0.85	5.771	6.210	-0.0048	114	0.83	2.287	0.84	2.206
S-70	BASE	25-24	12.00	4.582	6.210	0.0007	114	12.00	0.508	11.99	0.520
S-70	BASE	25-4	2.02	4.939	6.210	0.0018	114	2.00	1.290	2.01	1.284
S-70	BASE	25-8	4.00	5.152	6.210	-0.0028	114	4.00	1.578	3.99	1.575
S-71	BASE	25-1	0.68	5.906	6.210	0.0082	118	0.67	4.854	0.67	4.807
S-71	BASE	25-2	0.85	5.690	6.210	-0.0047	118	0.83	4.479	0.84	4.408
S-71	BASE	25-24	12.00	4.578	6.210	0.0009	118	11.99	1.020	12.03	1.051
S-71	BASE	25-4	2.02	4.912	6.210	0.0021	118	2.00	2.568	2.02	2.583
S-71	BASE	25-8	4.00	5.110	6.210	-0.0029	118	4.00	3.130	4.00	3.126
S-72	BASE	25-1	0.68	5.494	7.230	0.0102	123	0.67	4.807	0.68	4.958
S-72	BASE	25-2	0.85	5.343	7.230	0.0046	123	0.84	4.408	0.85	4.409
S-72	BASE	25-24	11.91	4.562	7.230	0.0045	123	12.03	1.051	11.62	1.927
S-72	BASE	25-4	2.02	4.797	7.230	0.0040	123	2.02	2.583	1.94	2.959
S-72	BASE	25-8	3.99	4.939	7.230	0.0049	123	4.00	3.126	3.95	3.450
S-73	BASE	25-1	0.68	6.122	6.200	-0.0050	114	0.58	2.929	0.67	2.868
S-73	BASE	25-2	0.85	5.876	6.200	-0.0050	114	0.83	2.732	0.84	2.639

Laird Point - Phase 2
Basin 2C
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
S-73	BASE	25-24	12.00	4.588	6.200	0.0007	114	12.00	0.608	12.00	0.612
S-73	BASE	25-4	2.02	4.975	6.200	0.0018	114	2.00	1.542	2.01	1.534
S-73	BASE	25-8	4.00	5.209	6.200	-0.0031	114	4.00	1.888	4.00	1.883
S-74	BASE	25-1	0.68	5.985	6.200	-0.0050	118	0.67	5.202	0.67	5.154
S-74	BASE	25-2	0.85	5.760	6.200	-0.0046	118	0.83	4.815	0.84	4.743
S-74	BASE	25-24	12.00	4.582	6.200	0.0009	118	12.00	1.100	12.03	1.130
S-74	BASE	25-4	2.02	4.936	6.200	0.0035	118	2.00	2.766	2.02	2.780
S-74	BASE	25-8	4.00	5.149	6.200	0.0032	118	4.00	3.398	4.00	3.393
S-75	BASE	25-1	0.68	5.519	7.170	0.0037	122	0.67	5.154	0.68	5.294
S-75	BASE	25-2	0.85	5.365	7.170	0.0046	122	0.84	4.743	0.85	4.745
S-75	BASE	25-24	11.99	4.563	7.170	0.0036	122	12.03	1.130	11.24	1.936
S-75	BASE	25-4	2.02	4.804	7.170	0.0052	122	2.02	2.780	1.94	3.110
S-75	BASE	25-8	3.99	4.952	7.170	0.0045	122	4.00	3.393	3.95	3.680
S-76	BASE	25-1	0.68	5.326	6.200	-0.0048	125	0.68	12.140	0.68	11.869
S-76	BASE	25-2	0.85	5.203	6.200	-0.0059	125	0.85	10.908	0.85	10.912
S-76	BASE	25-24	12.03	4.557	6.200	-0.0065	125	11.62	4.244	12.03	3.264
S-76	BASE	25-4	2.02	4.753	6.200	0.0069	125	1.94	7.089	2.05	6.719
S-76	BASE	25-8	4.00	4.868	6.200	0.0092	125	3.95	8.397	4.02	7.869
S-77	BASE	25-1	0.67	4.955	6.200	-0.0069	122	0.67	15.197	0.68	15.214
S-77	BASE	25-2	0.84	4.889	6.200	0.0077	122	0.84	13.948	0.84	13.942
S-77	BASE	25-24	11.53	4.539	6.200	0.0072	122	12.03	3.931	11.46	3.741
S-77	BASE	25-4	2.00	4.649	6.200	0.0069	122	2.05	8.462	2.00	8.260
S-77	BASE	25-8	3.99	4.710	6.200	-0.0065	122	4.00	9.938	3.95	10.094
S-79	BASE	25-1	0.67	5.671	5.900	-0.0050	121	0.67	5.265	0.67	5.266
S-79	BASE	25-2	0.84	5.499	5.900	-0.0042	121	0.83	4.948	0.84	4.880
S-79	BASE	25-24	12.00	4.567	5.900	0.0026	121	12.00	1.125	12.00	1.124
S-79	BASE	25-4	2.01	4.840	5.900	-0.0018	121	2.00	2.804	2.01	2.800
S-79	BASE	25-8	4.00	4.998	5.900	-0.0025	121	4.00	3.485	4.00	3.482
S-80	BASE	25-1	0.66	5.549	5.890	-0.0044	132	0.65	10.165	0.66	10.162
S-80	BASE	25-2	0.84	5.394	5.890	-0.0038	132	0.83	9.398	0.84	9.350
S-80	BASE	25-24	12.00	4.561	5.890	-0.0022	132	12.00	2.104	12.00	2.104
S-80	BASE	25-4	2.01	4.806	5.890	-0.0023	132	2.00	5.340	2.01	5.337
S-80	BASE	25-8	4.00	4.944	5.890	-0.0022	132	4.00	6.529	4.00	6.526
S-81	BASE	25-1	0.66	4.904	5.900	0.0050	129	0.65	12.713	0.65	12.712
S-81	BASE	25-2	0.84	4.847	5.900	-0.0049	129	0.84	11.689	0.84	11.681
S-81	BASE	25-24	11.99	4.534	5.900	0.0077	129	12.00	2.619	11.99	2.620
S-81	BASE	25-4	2.01	4.630	5.900	0.0049	129	2.00	6.663	2.00	6.662
S-81	BASE	25-8	4.00	4.681	5.900	0.0059	129	4.00	8.127	4.00	8.126
WETLAND	BASE	25-1	0.00	2.000	2.000	0.0500	4	0.67	32.789	0.00	0.000
WETLAND	BASE	25-2	0.00	2.000	2.000	0.0500	4	0.84	30.087	0.00	0.000
WETLAND	BASE	25-24	0.00	2.000	2.000	0.0500	4	11.99	6.762	0.00	0.000
WETLAND	BASE	25-4	0.00	2.000	2.000	0.0500	4	2.01	17.316	0.00	0.000

Laird Point - Phase 2
Basin 2C
Node Max Comparison Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
WETLAND	BASE	25-8	0.00	2.000	2.000	0.0500	4	4.00	20.983	0.00	0.000

Laird Point - Phase 2
Basin 2C
Node Max Conditions Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
FP1END	BASE	25-1	0.75	4.464	5.500	0.0049	118	0.47	0.504	0.65	0.203
FP2END	BASE	25-1	0.90	2.703	5.500	0.0015	195	0.65	0.203	0.93	0.195
INFALL	BASE	25-1	0.67	4.552	5.500	0.0044	118	0.40	1.084	0.47	0.504
OUTFALL	BASE	25-1	0.99	2.413	5.500	0.0013	203	0.93	0.195	0.99	0.195
POND7	BASE	25-1	0.67	4.557	5.510	0.0061	16022	0.67	32.955	0.67	32.928
S-70	BASE	25-1	0.68	6.002	6.210	-0.0046	114	0.58	2.456	0.67	2.400
S-71	BASE	25-1	0.68	5.906	6.210	0.0082	118	0.67	4.854	0.67	4.807
S-72	BASE	25-1	0.68	5.494	7.230	0.0102	123	0.67	4.807	0.68	4.958
S-73	BASE	25-1	0.68	6.122	6.200	-0.0050	114	0.58	2.929	0.67	2.868
S-74	BASE	25-1	0.68	5.985	6.200	-0.0050	118	0.67	5.202	0.67	5.154
S-75	BASE	25-1	0.68	5.519	7.170	0.0037	122	0.67	5.154	0.68	5.294
S-76	BASE	25-1	0.68	5.326	6.200	-0.0048	125	0.68	12.140	0.68	11.869
S-77	BASE	25-1	0.67	4.955	6.200	-0.0069	122	0.67	15.197	0.68	15.214
S-79	BASE	25-1	0.67	5.671	5.900	-0.0050	121	0.67	5.265	0.67	5.266
S-80	BASE	25-1	0.66	5.549	5.890	-0.0044	132	0.65	10.165	0.66	10.162
S-81	BASE	25-1	0.66	4.904	5.900	0.0050	129	0.65	12.713	0.65	12.712
WETLAND	BASE	25-1	0.00	2.000	2.000	0.0500	4	0.67	32.789	0.00	0.000
FP1END	BASE	25-2	0.87	4.467	5.500	0.0033	118	0.46	0.428	0.76	0.198
FP2END	BASE	25-2	0.97	2.704	5.500	0.0015	195	0.76	0.198	1.00	0.196
INFALL	BASE	25-2	0.84	4.549	5.500	0.0030	118	0.39	0.944	0.46	0.428
OUTFALL	BASE	25-2	1.06	2.413	5.500	0.0004	203	1.00	0.196	1.06	0.196
POND7	BASE	25-2	0.84	4.553	5.510	0.0036	16015	0.84	30.170	0.84	30.109
S-70	BASE	25-2	0.85	5.771	6.210	-0.0048	114	0.83	2.287	0.84	2.206
S-71	BASE	25-2	0.85	5.690	6.210	-0.0047	118	0.83	4.479	0.84	4.408
S-72	BASE	25-2	0.85	5.343	7.230	0.0046	123	0.84	4.408	0.85	4.409
S-73	BASE	25-2	0.85	5.876	6.200	-0.0050	114	0.83	2.732	0.84	2.639
S-74	BASE	25-2	0.85	5.760	6.200	-0.0046	118	0.83	4.815	0.84	4.743
S-75	BASE	25-2	0.85	5.365	7.170	0.0046	122	0.84	4.743	0.85	4.745
S-76	BASE	25-2	0.85	5.203	6.200	-0.0059	125	0.85	10.908	0.85	10.912
S-77	BASE	25-2	0.84	4.889	6.200	0.0077	122	0.84	13.948	0.84	13.942
S-79	BASE	25-2	0.84	5.499	5.900	-0.0042	121	0.83	4.948	0.84	4.880
S-80	BASE	25-2	0.84	5.394	5.890	-0.0038	132	0.83	9.398	0.84	9.350
S-81	BASE	25-2	0.84	4.847	5.900	-0.0049	129	0.84	11.689	0.84	11.681
WETLAND	BASE	25-2	0.00	2.000	2.000	0.0500	4	0.84	30.087	0.00	0.000
FP1END	BASE	25-24	12.01	4.436	5.500	0.0008	118	3.26	0.285	12.01	0.194
FP2END	BASE	25-24	12.02	2.700	5.500	0.0004	196	12.01	0.194	12.02	0.194
INFALL	BASE	25-24	11.99	4.515	5.500	0.0006	118	3.22	0.420	3.26	0.285
OUTFALL	BASE	25-24	12.04	2.412	5.500	0.0001	203	12.02	0.194	12.04	0.194
POND7	BASE	25-24	11.99	4.519	5.510	0.0043	15941	11.67	7.261	11.99	6.762
S-70	BASE	25-24	12.00	4.582	6.210	0.0007	114	12.00	0.508	11.99	0.520
S-71	BASE	25-24	12.00	4.578	6.210	0.0009	118	11.99	1.020	12.03	1.051
S-72	BASE	25-24	11.91	4.562	7.230	0.0045	123	12.03	1.051	11.62	1.927
S-73	BASE	25-24	12.00	4.588	6.200	0.0007	114	12.00	0.608	12.00	0.612
S-74	BASE	25-24	12.00	4.582	6.200	0.0009	118	12.00	1.100	12.03	1.130
S-75	BASE	25-24	11.99	4.563	7.170	0.0036	122	12.03	1.130	11.24	1.936
S-76	BASE	25-24	12.03	4.557	6.200	-0.0065	125	11.62	4.244	12.03	3.264
S-77	BASE	25-24	11.53	4.539	6.200	0.0072	122	12.03	3.931	11.46	3.741
S-79	BASE	25-24	12.00	4.567	5.900	0.0026	121	12.00	1.125	12.00	1.124
S-80	BASE	25-24	12.00	4.561	5.890	-0.0022	132	12.00	2.104	12.00	2.104
S-81	BASE	25-24	11.99	4.534	5.900	0.0077	129	12.00	2.619	11.99	2.620

Laird Point - Phase 2
Basin 2C
Node Max Conditions Report

Name	Group	Simulation	Max Time Stage hrs	Max Stage ft	Warning Stage ft	Max Delta Stage ft	Max Surf Area ft2	Max Time Inflow hrs	Max Inflow cfs	Max Time Outflow hrs	Max Outflow cfs
WETLAND	BASE	25-24	0.00	2.000	2.000	0.0500	4	11.99	6.762	0.00	0.000
FP1END	BASE	25-4	2.04	4.453	5.500	0.0014	118	1.07	0.363	2.03	0.195
FP2END	BASE	25-4	2.08	2.702	5.500	0.0007	196	2.03	0.195	2.09	0.195
INFALL	BASE	25-4	2.01	4.533	5.500	0.0019	118	1.01	0.798	1.07	0.363
OUTFALL	BASE	25-4	2.13	2.413	5.500	0.0002	203	2.09	0.195	2.13	0.195
POND7	BASE	25-4	2.01	4.537	5.510	0.0041	15979	2.00	17.469	2.01	17.316
S-70	BASE	25-4	2.02	4.939	6.210	0.0018	114	2.00	1.290	2.01	1.284
S-71	BASE	25-4	2.02	4.912	6.210	0.0021	118	2.00	2.568	2.02	2.583
S-72	BASE	25-4	2.02	4.797	7.230	0.0040	123	2.02	2.583	1.94	2.959
S-73	BASE	25-4	2.02	4.975	6.200	0.0018	114	2.00	1.542	2.01	1.534
S-74	BASE	25-4	2.02	4.936	6.200	0.0035	118	2.00	2.766	2.02	2.780
S-75	BASE	25-4	2.02	4.804	7.170	0.0052	122	2.02	2.780	1.94	3.110
S-76	BASE	25-4	2.02	4.753	6.200	0.0069	125	1.94	7.089	2.05	6.719
S-77	BASE	25-4	2.00	4.649	6.200	0.0069	122	2.05	8.462	2.00	8.260
S-79	BASE	25-4	2.01	4.840	5.900	-0.0018	121	2.00	2.804	2.01	2.800
S-80	BASE	25-4	2.01	4.806	5.890	-0.0023	132	2.00	5.340	2.01	5.337
S-81	BASE	25-4	2.01	4.630	5.900	0.0049	129	2.00	6.663	2.00	6.662
WETLAND	BASE	25-4	0.00	2.000	2.000	0.0500	4	2.01	17.316	0.00	0.000
FP1END	BASE	25-8	4.01	4.457	5.500	0.0011	118	1.78	0.350	4.01	0.196
FP2END	BASE	25-8	4.03	2.703	5.500	0.0006	195	4.01	0.196	4.03	0.196
INFALL	BASE	25-8	4.00	4.538	5.500	0.0015	118	1.72	0.769	1.78	0.350
OUTFALL	BASE	25-8	4.05	2.413	5.500	0.0001	203	4.03	0.196	4.05	0.196
POND7	BASE	25-8	4.00	4.542	5.510	0.0037	15990	3.99	21.138	4.00	20.983
S-70	BASE	25-8	4.00	5.152	6.210	-0.0028	114	4.00	1.578	3.99	1.575
S-71	BASE	25-8	4.00	5.110	6.210	-0.0029	118	4.00	3.130	4.00	3.126
S-72	BASE	25-8	3.99	4.939	7.230	0.0049	123	4.00	3.126	3.95	3.450
S-73	BASE	25-8	4.00	5.209	6.200	-0.0031	114	4.00	1.888	4.00	1.883
S-74	BASE	25-8	4.00	5.149	6.200	0.0032	118	4.00	3.398	4.00	3.393
S-75	BASE	25-8	3.99	4.952	7.170	0.0045	122	4.00	3.393	3.95	3.680
S-76	BASE	25-8	4.00	4.868	6.200	0.0092	125	3.95	8.397	4.02	7.869
S-77	BASE	25-8	3.99	4.710	6.200	-0.0065	122	4.00	9.938	3.95	10.094
S-79	BASE	25-8	4.00	4.998	5.900	-0.0025	121	4.00	3.485	4.00	3.482
S-80	BASE	25-8	4.00	4.944	5.890	-0.0022	132	4.00	6.529	4.00	6.526
S-81	BASE	25-8	4.00	4.681	5.900	0.0059	129	4.00	8.127	4.00	8.126
WETLAND	BASE	25-8	0.00	2.000	2.000	0.0500	4	4.00	20.983	0.00	0.000

Laird Point - Phase 2
Basin 2C
Link Max Comparison Report

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
CULVERT	BASE	25-1	0.99	0.195	0.001	0.99	2.413	0.00	2.000
CULVERT	BASE	25-2	1.06	0.196	0.000	1.06	2.413	0.00	2.000
CULVERT	BASE	25-24	12.04	0.194	0.000	12.04	2.412	0.00	2.000
CULVERT	BASE	25-4	2.13	0.195	0.000	2.13	2.413	0.00	2.000
CULVERT	BASE	25-8	4.05	0.196	0.000	4.05	2.413	0.00	2.000
FILTER	BASE	25-1	0.65	0.203	0.145	0.75	4.464	0.90	2.703
FILTER	BASE	25-2	0.76	0.198	0.145	0.87	4.467	0.97	2.704
FILTER	BASE	25-24	12.01	0.194	0.145	12.01	4.436	12.02	2.700
FILTER	BASE	25-4	2.03	0.195	0.145	2.04	4.453	2.08	2.702
FILTER	BASE	25-8	4.01	0.196	0.145	4.01	4.457	4.03	2.703
FP1	BASE	25-1	0.47	0.504	-0.008	0.67	4.552	0.75	4.464
FP1	BASE	25-2	0.46	0.428	-0.005	0.84	4.549	0.87	4.467
FP1	BASE	25-24	3.26	0.285	0.008	11.99	4.515	12.01	4.436
FP1	BASE	25-4	1.07	0.363	-0.002	2.01	4.533	2.04	4.453
FP1	BASE	25-8	1.78	0.350	-0.002	4.00	4.538	4.01	4.457
FP2	BASE	25-1	0.93	0.195	0.001	0.90	2.703	0.99	2.413
FP2	BASE	25-2	1.00	0.196	0.000	0.97	2.704	1.06	2.413
FP2	BASE	25-24	12.02	0.194	0.000	12.02	2.700	12.04	2.412
FP2	BASE	25-4	2.09	0.195	0.000	2.08	2.702	2.13	2.413
FP2	BASE	25-8	4.03	0.196	0.000	4.03	2.703	4.05	2.413
L-70	BASE	25-1	0.67	2.400	-0.878	0.68	6.002	0.68	5.906
L-70	BASE	25-2	0.84	2.206	-0.617	0.85	5.771	0.85	5.690
L-70	BASE	25-24	11.99	0.520	0.364	12.00	4.582	12.00	4.578
L-70	BASE	25-4	2.01	1.284	-0.517	2.02	4.939	2.02	4.912
L-70	BASE	25-8	3.99	1.575	0.384	4.00	5.152	4.00	5.110
L-71	BASE	25-1	0.67	4.807	-1.905	0.68	5.906	0.68	5.494
L-71	BASE	25-2	0.84	4.408	-0.659	0.85	5.690	0.85	5.343
L-71	BASE	25-24	12.03	1.051	0.457	12.00	4.578	11.91	4.562
L-71	BASE	25-4	2.02	2.583	-1.612	2.02	4.912	2.02	4.797
L-71	BASE	25-8	4.00	3.126	0.493	4.00	5.110	3.99	4.939
L-72	BASE	25-1	0.68	4.958	1.483	0.68	5.494	0.68	5.326
L-72	BASE	25-2	0.85	4.409	1.650	0.85	5.343	0.85	5.203
L-72	BASE	25-24	11.62	1.927	-1.787	11.91	4.562	12.03	4.557
L-72	BASE	25-4	1.94	2.959	2.222	2.02	4.797	2.02	4.753
L-72	BASE	25-8	3.95	3.450	-2.007	3.99	4.939	4.00	4.868
L-73	BASE	25-1	0.67	2.868	0.335	0.68	6.122	0.68	5.985
L-73	BASE	25-2	0.84	2.639	-0.602	0.85	5.876	0.85	5.760
L-73	BASE	25-24	12.00	0.612	-0.349	12.00	4.588	12.00	4.582
L-73	BASE	25-4	2.01	1.534	-0.665	2.02	4.975	2.02	4.936
L-73	BASE	25-8	4.00	1.883	-0.626	4.00	5.209	4.00	5.149
L-74	BASE	25-1	0.67	5.154	-2.328	0.68	5.985	0.68	5.519
L-74	BASE	25-2	0.84	4.743	-0.880	0.85	5.760	0.85	5.365

Laird Point - Phase 2
Basin 2C
Link Max Comparison Report

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
L-74	BASE	25-24	12.03	1.130	0.446	12.00	4.582	11.99	4.563
L-74	BASE	25-4	2.02	2.780	-1.616	2.02	4.936	2.02	4.804
L-74	BASE	25-8	4.00	3.393	-1.658	4.00	5.149	3.99	4.952
L-75	BASE	25-1	0.68	5.294	1.452	0.68	5.519	0.68	5.326
L-75	BASE	25-2	0.85	4.745	-1.640	0.85	5.365	0.85	5.203
L-75	BASE	25-24	11.24	1.936	-1.783	11.99	4.563	12.03	4.557
L-75	BASE	25-4	1.94	3.110	2.210	2.02	4.804	2.02	4.753
L-75	BASE	25-8	3.95	3.680	-1.782	3.99	4.952	4.00	4.868
L-76	BASE	25-1	0.68	11.869	2.832	0.68	5.326	0.67	4.955
L-76	BASE	25-2	0.85	10.912	2.717	0.85	5.203	0.84	4.889
L-76	BASE	25-24	12.03	3.264	2.953	12.03	4.557	11.53	4.539
L-76	BASE	25-4	2.05	6.719	2.811	2.02	4.753	2.00	4.649
L-76	BASE	25-8	4.02	7.869	3.055	4.00	4.868	3.99	4.710
L-77	BASE	25-1	0.68	15.214	3.091	0.67	4.955	0.67	4.557
L-77	BASE	25-2	0.84	13.942	3.248	0.84	4.889	0.84	4.553
L-77	BASE	25-24	11.46	3.741	3.358	11.53	4.539	11.99	4.519
L-77	BASE	25-4	2.00	8.260	2.809	2.00	4.649	2.01	4.537
L-77	BASE	25-8	3.95	10.094	3.239	3.99	4.710	4.00	4.542
L-79	BASE	25-1	0.67	5.266	1.006	0.67	5.671	0.66	5.549
L-79	BASE	25-2	0.84	4.880	-0.986	0.84	5.499	0.84	5.394
L-79	BASE	25-24	12.00	1.124	1.194	12.00	4.567	12.00	4.561
L-79	BASE	25-4	2.01	2.800	1.190	2.01	4.840	2.01	4.806
L-79	BASE	25-8	4.00	3.482	-1.069	4.00	4.998	4.00	4.944
L-80	BASE	25-1	0.66	10.162	1.270	0.66	5.549	0.66	4.904
L-80	BASE	25-2	0.84	9.350	1.111	0.84	5.394	0.84	4.847
L-80	BASE	25-24	12.00	2.104	-1.577	12.00	4.561	11.99	4.534
L-80	BASE	25-4	2.01	5.337	1.037	2.01	4.806	2.01	4.630
L-80	BASE	25-8	4.00	6.526	1.401	4.00	4.944	4.00	4.681
L-81	BASE	25-1	0.65	12.712	-2.342	0.66	4.904	0.67	4.557
L-81	BASE	25-2	0.84	11.681	2.458	0.84	4.847	0.84	4.553
L-81	BASE	25-24	11.99	2.620	2.527	11.99	4.534	11.99	4.519
L-81	BASE	25-4	2.00	6.662	2.513	2.01	4.630	2.01	4.537
L-81	BASE	25-8	4.00	8.126	2.149	4.00	4.681	4.00	4.542
WEIR1	BASE	25-1	0.40	1.084	0.019	0.67	4.557	0.67	4.552
WEIR1	BASE	25-2	0.39	0.944	-0.016	0.84	4.553	0.84	4.549
WEIR1	BASE	25-24	3.22	0.420	0.054	11.99	4.519	11.99	4.515
WEIR1	BASE	25-4	1.01	0.798	0.019	2.01	4.537	2.01	4.533
WEIR1	BASE	25-8	1.72	0.769	0.017	4.00	4.542	4.00	4.538
WEIR2	BASE	25-1	0.67	32.699	0.889	0.67	4.557	0.00	2.000
WEIR2	BASE	25-2	0.84	29.909	0.701	0.84	4.553	0.00	2.000
WEIR2	BASE	25-24	11.99	6.568	-0.017	11.99	4.519	0.00	2.000
WEIR2	BASE	25-4	2.01	17.120	0.304	2.01	4.537	0.00	2.000

Laird Point - Phase 2
Basin 2C
Link Max Comparison Report

Name	Group	Simulation	Max Time Flow hrs	Max Flow cfs	Max Delta Q cfs	Max Time US Stage hrs	Max US Stage ft	Max Time DS Stage hrs	Max DS Stage ft
WEIR2	BASE	25-8	4.00	20.787	0.066	4.00	4.542	0.00	2.000

Laird Point - Phase 2
Basin 2C
Basin Max Report

Simulation	Basin	Group	Time Max hrs	Flow Max cfs	Volume in	Volume ft3
25-1	B-70	BASE	0.62	2.534	2.025	3731.024
25-2	B-70	BASE	0.82	2.297	2.990	5507.752
25-24	B-70	BASE	12.00	0.508	8.668	15968.111
25-4	B-70	BASE	2.02	1.295	4.086	7527.167
25-8	B-70	BASE	4.00	1.578	6.046	11137.609
25-1	B-71	BASE	0.62	2.555	2.106	3784.193
25-2	B-71	BASE	0.82	2.297	3.084	5541.278
25-24	B-71	BASE	12.00	0.500	8.797	15806.743
25-4	B-71	BASE	2.02	1.290	4.191	7530.429
25-8	B-71	BASE	4.00	1.556	6.164	11075.456
25-1	B-73	BASE	0.62	3.025	2.017	4450.089
25-2	B-73	BASE	0.82	2.744	2.980	6574.591
25-24	B-73	BASE	12.00	0.608	8.655	19092.286
25-4	B-73	BASE	2.02	1.548	4.075	8990.264
25-8	B-73	BASE	4.00	1.888	6.034	13310.570
25-1	B-74	BASE	0.62	2.415	2.001	3549.040
25-2	B-74	BASE	0.82	2.194	2.962	5251.940
25-24	B-74	BASE	12.00	0.488	8.629	15301.427
25-4	B-74	BASE	2.02	1.239	4.055	7189.811
25-8	B-74	BASE	4.00	1.515	6.010	10657.869
25-1	B-76	BASE	0.62	2.042	2.017	3003.829
25-2	B-76	BASE	0.82	1.852	2.980	4437.876
25-24	B-76	BASE	12.00	0.411	8.655	12887.372
25-4	B-76	BASE	2.02	1.045	4.075	6068.465
25-8	B-76	BASE	4.00	1.274	6.034	8984.690
25-1	B-77	BASE	0.62	3.514	2.082	5194.884
25-2	B-77	BASE	0.82	3.167	3.055	7625.361
25-24	B-77	BASE	12.00	0.693	8.758	21857.318
25-4	B-77	BASE	2.02	1.780	4.159	10380.090
25-8	B-77	BASE	4.00	2.154	6.128	15294.134
25-1	B-79	BASE	0.62	5.418	1.915	7912.306
25-2	B-79	BASE	0.82	4.966	2.860	11815.418
25-24	B-79	BASE	12.00	1.125	8.486	35055.892
25-4	B-79	BASE	2.02	2.818	3.940	16277.537
25-8	B-79	BASE	4.00	3.485	5.881	24292.727
25-1	B-80	BASE	0.62	5.106	2.180	7609.008
25-2	B-80	BASE	0.82	4.559	3.170	11062.295
25-24	B-80	BASE	12.00	0.979	8.913	31103.939
25-4	B-80	BASE	2.02	2.550	4.286	14958.174
25-8	B-80	BASE	4.00	3.048	6.270	21882.305
25-1	B-81	BASE	0.62	2.647	2.131	3928.921
25-2	B-81	BASE	0.82	2.375	3.112	5739.396
25-24	B-81	BASE	12.00	0.515	8.836	16293.073
25-4	B-81	BASE	2.02	1.332	4.223	7786.600
25-8	B-81	BASE	4.00	1.601	6.199	11431.703
25-1	B-POND7	BASE	0.60	5.412	2.576	8332.203
25-2	B-POND7	BASE	0.82	4.649	3.617	11698.256
25-24	B-POND7	BASE	12.00	0.937	9.484	30674.905
25-4	B-POND7	BASE	2.02	2.554	4.773	15437.876
25-8	B-POND7	BASE	4.00	2.931	6.804	22005.711

```
            Basin Name: B-70
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-70
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.507
  Vol of Unit Hyd (in): 1.001
          Curve Number: 83.000
              DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 2.534
    Runoff Volume (in): 2.025
   Runoff Volume (ft3): 3731.024
```

```
            Basin Name: B-71
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-71
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.495
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.000
              DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 2.555
    Runoff Volume (in): 2.106
   Runoff Volume (ft3): 3784.193
```

```
            Basin Name: B-73
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-73
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
  Rainfall Amount (in): 3.700
  Storm Duration (hrs): 1.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
```

```
            Area (ac): 0.608
  Vol of Unit Hyd (in): 1.000
         Curve Number: 82.900
             DCIA (%): 0.000

       Time Max (hrs): 0.62
       Flow Max (cfs): 3.025
    Runoff Volume (in): 2.017
   Runoff Volume (ft3): 4450.089
```

```
            Basin Name: B-74
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-74
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.488
  Vol of Unit Hyd (in): 1.000
         Curve Number: 82.700
             DCIA (%): 0.000

       Time Max (hrs): 0.62
       Flow Max (cfs): 2.415
    Runoff Volume (in): 2.001
   Runoff Volume (ft3): 3549.040
```

```
            Basin Name: B-76
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-76
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.410
  Vol of Unit Hyd (in): 1.000
         Curve Number: 82.900
             DCIA (%): 0.000

       Time Max (hrs): 0.62
       Flow Max (cfs): 2.042
    Runoff Volume (in): 2.017
   Runoff Volume (ft3): 3003.829
```

```
            Basin Name: B-77
            Group Name: BASE
            Simulation: 25-1
```

```
             Node Name: S-77
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.688
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.700
              DCIA (%): 0.000

         Time Max (hrs): 0.62
        Flow Max (cfs): 3.514
     Runoff Volume (in): 2.082
    Runoff Volume (ft3): 5194.884
```

```
             Basin Name: B-79
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-79
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 1.138
   Vol of Unit Hyd (in): 1.000
          Curve Number: 81.600
              DCIA (%): 0.000

         Time Max (hrs): 0.62
        Flow Max (cfs): 5.418
     Runoff Volume (in): 1.915
    Runoff Volume (ft3): 7912.306
```

```
             Basin Name: B-80
             Group Name: BASE
             Simulation: 25-1
              Node Name: S-80
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-1
   Rainfall Amount (in): 3.700
   Storm Duration (hrs): 1.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.961
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.900
```

```
              DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 5.106
     Runoff Volume (in): 2.180
   Runoff Volume (ft3): 7609.008
```

```
            Basin Name: B-81
            Group Name: BASE
            Simulation: 25-1
             Node Name: S-81
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.508
 Vol of Unit Hyd (in): 1.000
         Curve Number: 84.300
             DCIA (%): 0.000

        Time Max (hrs): 0.62
        Flow Max (cfs): 2.647
     Runoff Volume (in): 2.131
   Runoff Volume (ft3): 3928.921
```

```
            Basin Name: B-POND7
            Group Name: BASE
            Simulation: 25-1
             Node Name: POND7
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
         Rainfall File: FDOT-1
 Rainfall Amount (in): 3.700
 Storm Duration (hrs): 1.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.891
 Vol of Unit Hyd (in): 1.000
         Curve Number: 89.400
             DCIA (%): 0.000

        Time Max (hrs): 0.60
        Flow Max (cfs): 5.412
     Runoff Volume (in): 2.576
   Runoff Volume (ft3): 8332.203
```

```
            Basin Name: B-70
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-70
            Basin Type: SCS Unit Hydrograph
```

```
        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.507
   Vol of Unit Hyd (in): 1.001
          Curve Number: 83.000
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 2.297
     Runoff Volume (in): 2.990
    Runoff Volume (ft3): 5507.752
```

```
             Basin Name: B-71
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-71
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.495
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.000
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 2.297
     Runoff Volume (in): 3.084
    Runoff Volume (ft3): 5541.278
```

```
             Basin Name: B-73
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-73
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.608
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.900
              DCIA (%): 0.000

         Time Max (hrs): 0.82
```

```
        Flow Max (cfs): 2.744
     Runoff Volume (in): 2.980
    Runoff Volume (ft3): 6574.591


------------------------------------------------------------------------------

            Basin Name: B-74
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-74
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.488
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.700
              DCIA (%): 0.000

       Time Max (hrs): 0.82
       Flow Max (cfs): 2.194
    Runoff Volume (in): 2.962
   Runoff Volume (ft3): 5251.940


------------------------------------------------------------------------------

            Basin Name: B-76
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-76
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
        Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.410
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.900
              DCIA (%): 0.000

       Time Max (hrs): 0.82
       Flow Max (cfs): 1.852
    Runoff Volume (in): 2.980
   Runoff Volume (ft3): 4437.876


------------------------------------------------------------------------------

            Basin Name: B-77
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-77
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
```

```
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.688
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.700
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 3.167
    Runoff Volume (in): 3.055
    Runoff Volume (ft3): 7625.361
```

```
             Basin Name: B-79
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-79
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 1.138
   Vol of Unit Hyd (in): 1.000
          Curve Number: 81.600
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 4.966
    Runoff Volume (in): 2.860
    Runoff Volume (ft3): 11815.418
```

```
             Basin Name: B-80
             Group Name: BASE
             Simulation: 25-2
              Node Name: S-80
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-2
   Rainfall Amount (in): 4.800
   Storm Duration (hrs): 2.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.961
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.900
              DCIA (%): 0.000

         Time Max (hrs): 0.82
        Flow Max (cfs): 4.559
    Runoff Volume (in): 3.170
    Runoff Volume (ft3): 11062.295
```

```
            Basin Name: B-81
            Group Name: BASE
            Simulation: 25-2
             Node Name: S-81
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.508
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.300
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 2.375
    Runoff Volume (in): 3.112
   Runoff Volume (ft3): 5739.396
```

```
            Basin Name: B-POND7
            Group Name: BASE
            Simulation: 25-2
             Node Name: POND7
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-2
  Rainfall Amount (in): 4.800
  Storm Duration (hrs): 2.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.891
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
              DCIA (%): 0.000

        Time Max (hrs): 0.82
        Flow Max (cfs): 4.649
    Runoff Volume (in): 3.617
   Runoff Volume (ft3): 11698.256
```

```
            Basin Name: B-70
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-70
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
```

```
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.507
   Vol of Unit Hyd (in): 1.001
          Curve Number: 83.000
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.508
     Runoff Volume (in): 8.668
    Runoff Volume (ft3): 15968.111
```

```
             Basin Name: B-71
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-71
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: UH484
           Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.495
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.000
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.500
     Runoff Volume (in): 8.797
    Runoff Volume (ft3): 15806.743
```

```
             Basin Name: B-73
             Group Name: BASE
             Simulation: 25-24
              Node Name: S-73
             Basin Type: SCS Unit Hydrograph

         Unit Hydrograph: UH484
           Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-24
   Rainfall Amount (in): 10.800
   Storm Duration (hrs): 24.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.608
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.900
              DCIA (%): 0.000

         Time Max (hrs): 12.00
        Flow Max (cfs): 0.608
     Runoff Volume (in): 8.655
    Runoff Volume (ft3): 19092.286
```

```
            Basin Name: B-74
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-74
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.488
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.700
               DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.488
    Runoff Volume (in): 8.629
   Runoff Volume (ft3): 15301.427
```

```
            Basin Name: B-76
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-76
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
              Area (ac): 0.410
  Vol of Unit Hyd (in): 1.000
          Curve Number: 82.900
               DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.411
    Runoff Volume (in): 8.655
   Runoff Volume (ft3): 12887.372
```

```
            Basin Name: B-77
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-77
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
```

```
       Time Shift (hrs): 0.00
             Area (ac): 0.688
  Vol of Unit Hyd (in): 1.000
         Curve Number: 83.700
             DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.693
    Runoff Volume (in): 8.758
  Runoff Volume (ft3): 21857.318
```

```
            Basin Name: B-79
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-79
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
 Rainfall Amount (in): 10.800
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
           Area (ac): 1.138
 Vol of Unit Hyd (in): 1.000
         Curve Number: 81.600
             DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 1.125
    Runoff Volume (in): 8.486
  Runoff Volume (ft3): 35055.892
```

```
            Basin Name: B-80
            Group Name: BASE
            Simulation: 25-24
             Node Name: S-80
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-24
 Rainfall Amount (in): 10.800
 Storm Duration (hrs): 24.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
           Area (ac): 0.961
 Vol of Unit Hyd (in): 1.000
         Curve Number: 84.900
             DCIA (%): 0.000

        Time Max (hrs): 12.00
       Flow Max (cfs): 0.979
    Runoff Volume (in): 8.913
  Runoff Volume (ft3): 31103.939
```

```
            Basin Name: B-81
            Group Name: BASE
```

```
            Simulation: 25-24
             Node Name: S-81
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.508
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.300
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.515
    Runoff Volume (in): 8.836
   Runoff Volume (ft3): 16293.073
```

```
            Basin Name: B-POND7
            Group Name: BASE
            Simulation: 25-24
             Node Name: POND7
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-24
  Rainfall Amount (in): 10.800
  Storm Duration (hrs): 24.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.891
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
              DCIA (%): 0.000

        Time Max (hrs): 12.00
        Flow Max (cfs): 0.937
    Runoff Volume (in): 9.484
   Runoff Volume (ft3): 30674.905
```

```
            Basin Name: B-70
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-70
            Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
            Area (ac): 0.507
  Vol of Unit Hyd (in): 1.001
```

```
        Curve Number: 83.000
            DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 1.295
    Runoff Volume (in): 4.086
   Runoff Volume (ft3): 7527.167
```

```
            Basin Name: B-71
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-71
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
           Area (ac): 0.495
 Vol of Unit Hyd (in): 1.000
        Curve Number: 84.000
            DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 1.290
    Runoff Volume (in): 4.191
   Runoff Volume (ft3): 7530.429
```

```
            Basin Name: B-73
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-73
            Basin Type: SCS Unit Hydrograph

      Unit Hydrograph: UH484
        Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
       Rainfall File: FDOT-4
 Rainfall Amount (in): 6.000
 Storm Duration (hrs): 4.00
               Status: Onsite
  Time of Conc (min): 10.00
    Time Shift (hrs): 0.00
           Area (ac): 0.608
 Vol of Unit Hyd (in): 1.000
        Curve Number: 82.900
            DCIA (%): 0.000

       Time Max (hrs): 2.02
       Flow Max (cfs): 1.548
    Runoff Volume (in): 4.075
   Runoff Volume (ft3): 8990.264
```

```
            Basin Name: B-74
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-74
            Basin Type: SCS Unit Hydrograph
```

```
        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.488
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.700
              DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 1.239
     Runoff Volume (in): 4.055
    Runoff Volume (ft3): 7189.811
```

```
             Basin Name: B-76
             Group Name: BASE
             Simulation: 25-4
              Node Name: S-76
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.410
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.900
              DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 1.045
     Runoff Volume (in): 4.075
    Runoff Volume (ft3): 6068.465
```

```
             Basin Name: B-77
             Group Name: BASE
             Simulation: 25-4
              Node Name: S-77
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.688
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.700
              DCIA (%): 0.000
```

```
        Time Max (hrs): 2.02
        Flow Max (cfs): 1.780
     Runoff Volume (in): 4.159
    Runoff Volume (ft3): 10380.090
```

```
            Basin Name: B-79
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-79
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 1.138
  Vol of Unit Hyd (in): 1.000
          Curve Number: 81.600
              DCIA (%): 0.000

        Time Max (hrs): 2.02
        Flow Max (cfs): 2.818
     Runoff Volume (in): 3.940
    Runoff Volume (ft3): 16277.537
```

```
            Basin Name: B-80
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-80
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
   Spec Time Inc (min): 1.33
   Comp Time Inc (min): 1.33
         Rainfall File: FDOT-4
  Rainfall Amount (in): 6.000
  Storm Duration (hrs): 4.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.961
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.900
              DCIA (%): 0.000

        Time Max (hrs): 2.02
        Flow Max (cfs): 2.550
     Runoff Volume (in): 4.286
    Runoff Volume (ft3): 14958.174
```

```
            Basin Name: B-81
            Group Name: BASE
            Simulation: 25-4
             Node Name: S-81
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
```

```
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.508
   Vol of Unit Hyd (in): 1.000
          Curve Number: 84.300
              DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 1.332
     Runoff Volume (in): 4.223
    Runoff Volume (ft3): 7786.600
```

```
            Basin Name: B-POND7
            Group Name: BASE
            Simulation: 25-4
             Node Name: POND7
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-4
   Rainfall Amount (in): 6.000
   Storm Duration (hrs): 4.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.891
   Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
              DCIA (%): 0.000

         Time Max (hrs): 2.02
        Flow Max (cfs): 2.554
     Runoff Volume (in): 4.773
    Runoff Volume (ft3): 15437.876
```

```
            Basin Name: B-70
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-70
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.507
   Vol of Unit Hyd (in): 1.001
          Curve Number: 83.000
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 1.578
     Runoff Volume (in): 6.046
```

Runoff Volume (ft3): 11137.609

Basin Name: B-71
Group Name: BASE
Simulation: 25-8
Node Name: S-71
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: UH484
Peaking Fator: 484.0
Spec Time Inc (min): 1.33
Comp Time Inc (min): 1.33
Rainfall File: FDOT-8
Rainfall Amount (in): 8.080
Storm Duration (hrs): 8.00
Status: Onsite
Time of Conc (min): 10.00
Time Shift (hrs): 0.00
Area (ac): 0.495
Vol of Unit Hyd (in): 1.000
Curve Number: 84.000
DCIA (%): 0.000

Time Max (hrs): 4.00
Flow Max (cfs): 1.556
Runoff Volume (in): 6.164
Runoff Volume (ft3): 11075.456

Basin Name: B-73
Group Name: BASE
Simulation: 25-8
Node Name: S-73
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: UH484
Peaking Fator: 484.0
Spec Time Inc (min): 1.33
Comp Time Inc (min): 1.33
Rainfall File: FDOT-8
Rainfall Amount (in): 8.080
Storm Duration (hrs): 8.00
Status: Onsite
Time of Conc (min): 10.00
Time Shift (hrs): 0.00
Area (ac): 0.608
Vol of Unit Hyd (in): 1.000
Curve Number: 82.900
DCIA (%): 0.000

Time Max (hrs): 4.00
Flow Max (cfs): 1.888
Runoff Volume (in): 6.034
Runoff Volume (ft3): 13310.570

Basin Name: B-74
Group Name: BASE
Simulation: 25-8
Node Name: S-74
Basin Type: SCS Unit Hydrograph

Unit Hydrograph: UH484
Peaking Fator: 484.0
Spec Time Inc (min): 1.33
Comp Time Inc (min): 1.33
Rainfall File: FDOT-8

```
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.488
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.700
              DCIA (%): 0.000

         Time Max (hrs): 4.00
         Flow Max (cfs): 1.515
    Runoff Volume (in): 6.010
   Runoff Volume (ft3): 10657.869
```

```
             Basin Name: B-76
             Group Name: BASE
             Simulation: 25-8
              Node Name: S-76
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.410
   Vol of Unit Hyd (in): 1.000
          Curve Number: 82.900
              DCIA (%): 0.000

         Time Max (hrs): 4.00
         Flow Max (cfs): 1.274
    Runoff Volume (in): 6.034
   Runoff Volume (ft3): 8984.690
```

```
             Basin Name: B-77
             Group Name: BASE
             Simulation: 25-8
              Node Name: S-77
             Basin Type: SCS Unit Hydrograph

        Unit Hydrograph: UH484
          Peaking Fator: 484.0
    Spec Time Inc (min): 1.33
    Comp Time Inc (min): 1.33
          Rainfall File: FDOT-8
   Rainfall Amount (in): 8.080
   Storm Duration (hrs): 8.00
                 Status: Onsite
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.688
   Vol of Unit Hyd (in): 1.000
          Curve Number: 83.700
              DCIA (%): 0.000

         Time Max (hrs): 4.00
         Flow Max (cfs): 2.154
    Runoff Volume (in): 6.128
   Runoff Volume (ft3): 15294.134
```

```
            Basin Name: B-79
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-79
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 1.138
 Vol of Unit Hyd (in): 1.000
        Curve Number: 81.600
            DCIA (%): 0.000

      Time Max (hrs): 4.00
      Flow Max (cfs): 3.485
  Runoff Volume (in): 5.881
 Runoff Volume (ft3): 24292.727
```

```
            Basin Name: B-80
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-80
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
   Time of Conc (min): 10.00
     Time Shift (hrs): 0.00
            Area (ac): 0.961
 Vol of Unit Hyd (in): 1.000
        Curve Number: 84.900
            DCIA (%): 0.000

      Time Max (hrs): 4.00
      Flow Max (cfs): 3.048
  Runoff Volume (in): 6.270
 Runoff Volume (ft3): 21882.305
```

```
            Basin Name: B-81
            Group Name: BASE
            Simulation: 25-8
             Node Name: S-81
            Basin Type: SCS Unit Hydrograph

       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-8
 Rainfall Amount (in): 8.080
 Storm Duration (hrs): 8.00
               Status: Onsite
```

```
     Time of Conc (min): 10.00
       Time Shift (hrs): 0.00
              Area (ac): 0.508
  Vol of Unit Hyd (in): 1.000
          Curve Number: 84.300
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 1.601
    Runoff Volume (in): 6.199
   Runoff Volume (ft3): 11431.703
```

```
            Basin Name: B-POND7
            Group Name: BASE
            Simulation: 25-8
             Node Name: POND7
            Basin Type: SCS Unit Hydrograph

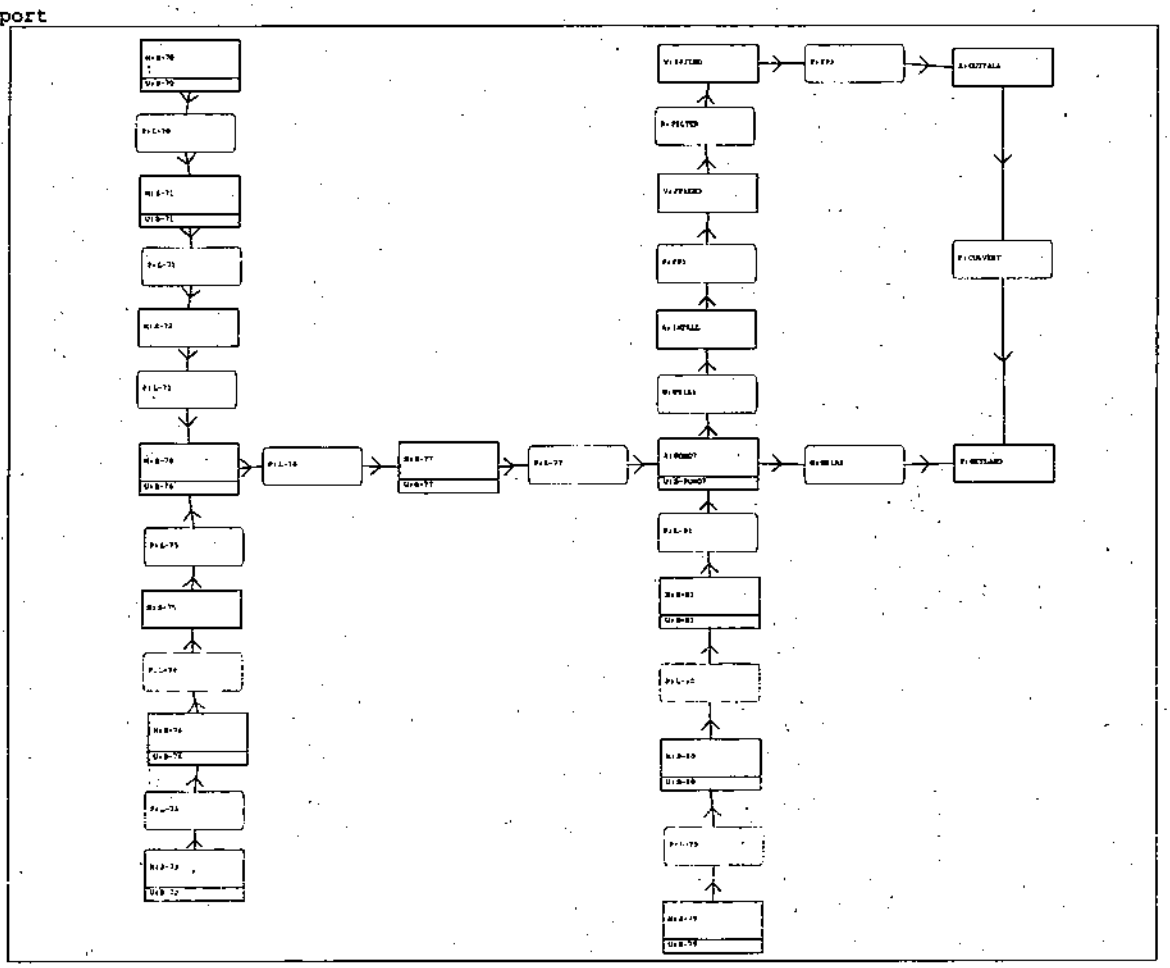
       Unit Hydrograph: UH484
         Peaking Fator: 484.0
  Spec Time Inc (min): 1.33
  Comp Time Inc (min): 1.33
        Rainfall File: FDOT-8
  Rainfall Amount (in): 8.080
  Storm Duration (hrs): 8.00
                Status: Onsite
    Time of Conc (min): 10.00
      Time Shift (hrs): 0.00
             Area (ac): 0.891
  Vol of Unit Hyd (in): 1.000
          Curve Number: 89.400
              DCIA (%): 0.000

         Time Max (hrs): 4.00
        Flow Max (cfs): 2.931
    Runoff Volume (in): 6.804
   Runoff Volume (ft3): 22005.711
```

Nodes
A Stage/Area
V Stage/Volume
T Time/Stage
M Manhole

Basins
O Overland Flow
U SCS Unit CN
S SBUH CN
Y SCS Unit GA
Z SBUH GA

Links
P Pipe
W Weir
C Channel
D Drop Structure
B Bridge
R Rating Curve
H Breach
E Percolation
F Filter
X Exfil Trench



Interconnected Channel and Pond Routing Model (ICPR) ©2002 Streamline Technologies, Inc.

Name: B-70		Node: S-70	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.507	Time Shift(hrs):	0.00
Curve Number:	83.00	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-71		Node: S-71	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.495	Time Shift(hrs):	0.00
Curve Number:	84.00	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-73		Node: S-73	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.608	Time Shift(hrs):	0.00
Curve Number:	82.90	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-74		Node: S-74	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.488	Time Shift(hrs):	0.00
Curve Number:	82.70	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-76		Node: S-76	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.410	Time Shift(hrs):	0.00
Curve Number:	82.90	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-77		Node: S-77	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.688	Time Shift(hrs):	0.00
Curve Number:	83.70	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-79		Node: S-79	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	1.138	Time Shift(hrs):	0.00
Curve Number:	81.60	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-80		Node: S-80	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.961	Time Shift(hrs):	0.00
Curve Number:	84.90	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-81		Node: S-81	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.508	Time Shift(hrs):	0.00
Curve Number:	84.30	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: B-POND7		Node: POND7	Status: Onsite
Group: BASE		Type: SCS Unit Hydrograph CN	
Unit Hydrograph:	UH484	Peaking Factor:	484.0
Rainfall File:	FDOT-1	Storm Duration(hrs):	1.00
Rainfall Amount(in):	3.700	Time of Conc(min):	10.00
Area(ac):	0.891	Time Shift(hrs):	0.00
Curve Number:	89.40	Max Allowable Q(cfs):	999999.000
DCIA(%):	0.00		

Name: FP1END Base Flow(cfs): 0.000 Init Stage(ft): 2.700
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.500	0.0001
2.830	0.0008
3.170	0.0016
5.500	0.0018

Name: FP2END Base Flow(cfs): 0.000 Init Stage(ft): 2.200
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.000	0.0001
2.330	0.0008
2.670	0.0016
5.500	0.0018

Name: INFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.700
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.500	0.0001
5.500	0.0001

Name: OUTFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.200
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.000	0.0001
5.500	0.0001

Name: POND7 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Warn Stage(ft): 5.510
Type: Stage/Area

Stage(ft)	Area(ac)
-0.500	0.0004
3.490	0.0004
3.500	0.2607
4.000	0.3123
4.500	0.3647
5.000	0.3896
5.500	0.4146

Name: S-70 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.210
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-71 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.210
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-72 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.230
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-73 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.200
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-74 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.200
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-75 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.170
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-76 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.200
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-77 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.200
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-79 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.900
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-80 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.890
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-81 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.900
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: WETLAND Base Flow(cfs): 0.000 Init Stage(ft): 1.950
Group: BASE Warn Stage(ft): 2.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	2.000
24.00	2.000

Name:	CULVERT	From Node:	OUTFALL	Length(ft):	10.83
Group:	BASE	To Node:	WETLAND	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	12.00	12.00		Entrance Loss Coef:	0.30
Rise(in):	12.00	12.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	1.750		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Name:	FP1	From Node:	INFALL	Length(ft):	281.40
Group:	BASE	To Node:	FP1END	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.700	2.700		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	FP2	From Node:	FP2END	Length(ft):	281.40
Group:	BASE	To Node:	OUTFALL	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	2.200		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-70	From Node:	S-70	Length(ft):	24.25
Group:	BASE	To Node:	S-71	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both

Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.500	1.950	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-71	From Node: S-71	Length(ft):	119.13
Group:	BASE	To Node: S-72	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	1.700	1.150	Bend Loss Coef:	0.39
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-72	From Node: S-72	Length(ft):	106.68
Group:	BASE	To Node: S-76	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	24.00	24.00	Entrance Loss Coef:	0.20
Rise(in):	24.00	24.00	Exit Loss Coef:	1.00
Invert(ft):	0.650	0.350	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-73	From Node: S-73	Length(ft):	24.25
Group:	BASE	To Node: S-74	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.500	1.950	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc

Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-74		From Node:	S-74	Length(ft): 106.64
Group:	BASE		To Node:	S-75	Count: 1
					Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM			Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular			Flow: Both
Span(in):	18.00	18.00			Entrance Loss Coef: 0.20
Rise(in):	18.00	18.00			Exit Loss Coef: 1.00
Invert(ft):	1.700	1.150			Bend Loss Coef: 0.39
Manning's N:	0.012000	0.012000			Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000			Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000			Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-75		From Node:	S-75	Length(ft): 106.68
Group:	BASE		To Node:	S-76	Count: 1
					Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM			Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular			Flow: Both
Span(in):	24.00	24.00			Entrance Loss Coef: 0.20
Rise(in):	24.00	24.00			Exit Loss Coef: 1.00
Invert(ft):	0.650	0.350			Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000			Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000			Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000			Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-76		From Node:	S-76	Length(ft): 24.25
Group:	BASE		To Node:	S-77	Count: 1
					Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM			Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular			Flow: Both
Span(in):	24.00	24.00			Entrance Loss Coef: 0.20
Rise(in):	24.00	24.00			Exit Loss Coef: 1.00
Invert(ft):	0.350	0.000			Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000			Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000			Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000			Stabilizer Option: None

Upstream FHWA Inlet Edge Description:

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-77	From Node:	S-77	Length(ft): 120.64
Group:	BASE	To Node:	POND7	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	30.00	30.00		Entrance Loss Coef: 0.20
Rise(in):	30.00	30.00		Exit Loss Coef: 1.00
Invert(ft):	-0.500	-1.000		Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-79	From Node:	S-79	Length(ft): 157.63
Group:	BASE	To Node:	S-80	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	24.00	24.00		Entrance Loss Coef: 0.20
Rise(in):	24.00	24.00		Exit Loss Coef: 1.00
Invert(ft):	1.000	0.500		Bend Loss Coef: 1.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-80	From Node:	S-80	Length(ft): 227.96
Group:	BASE	To Node:	S-81	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	24.00	24.00		Entrance Loss Coef: 0.20
Rise(in):	24.00	24.00		Exit Loss Coef: 1.00
Invert(ft):	0.500	0.000		Bend Loss Coef: 0.62
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-81	From Node:	S-81
Group:	BASE	To Node:	POND7

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	30.00	30.00
Rise(in):	30.00	30.00
Invert(ft):	-0.500	-1.000
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Length(ft):	76.72
Count:	1
Friction Equation:	Automatic
Solution Algorithm:	Most Restrictive
Flow:	Both
Entrance Loss Coef:	0.20
Exit Loss Coef:	1.00
Bend Loss Coef:	0.00
Outlet Ctrl Spec:	Use dc or tw
Inlet Ctrl Spec:	Use dc
Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Laird Point - Phase 2
Basin 2C
Weir Input Report

Name:	WEIR1	From Node:	POND7
Group:	BASE	To Node:	INFALL
Flow:	Both	Count:	1
Type:	Vertical: Mavis	Geometry:	Rectangular
Span(in):	24.00		
Rise(in):	99.00		
Invert(ft):	3.250		
Control Elevation(ft):	3.250		
			TABLE
Bottom Clip(in):	0.000		
Top Clip(in):	0.000		
Weir Discharge Coef:	3.200		
Orifice Discharge Coef:	0.600		

Name:	WEIR2	From Node:	POND7
Group:	BASE	To Node:	WETLAND
Flow:	Both	Count:	1
Type:	Vertical: Fread	Geometry:	Rectangular
Span(in):	9072.00		
Rise(in):	9999.00		
Invert(ft):	4.500		
Control Elevation(ft):	4.500		
			TABLE
Bottom Clip(in):	0.000		
Top Clip(in):	0.000		
Weir Discharge Coef:	3.200		
Orifice Discharge Coef:	0.600		

Name: FILTER | From Node: FP1END | Count: 1
Group: BASE | To Node: FP2END | Flow: Both

	TABLE	ELEV ON(ft)	ELEV OFF(ft)
#1:	FILTER	3.500	3.500
#2:		0.000	0.000
#3:		0.000	0.000
#4:		0.000	0.000

Name: FILTER Group: BASE
Type: Rating Curve
Function: Head vs. Discharge

Head(ft)	Discharge(cfs)
0.00	0.00
0.50	0.06
1.00	0.11
1.50	0.17
2.00	0.22
2.50	0.28
3.00	0.34

BASIN 2A

ICPR Water Quality Analysis Results:

- Node Stage-Time Report

ICPR Water Quality Analysis Input Data:

- Input Report

BASIN 2B

ICPR Water Quality Analysis Results:

- Node Stage-Time Report

ICPR Water Quality Analysis Input Data:

- Input Report

BASIN 2C

ICPR Water Quality Analysis Results:

- Node Stage-Time Report

ICPR Water Quality Analysis Input Data:

- Input Report

BASIN 2A

Laird Point - Phase 2
Basin 2A
DD Node Time Series Report

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND1	BASE	0.00	4.800	6.000	5493	0.000	0.000	0.0	0.0
DRAWDOWN	POND1	BASE	1.00	4.714	6.000	5380	0.000	-4.214	0.0	-0.2
DRAWDOWN	POND1	BASE	2.00	4.670	6.000	5323	0.000	-4.215	0.0	-0.5
DRAWDOWN	POND1	BASE	3.00	4.626	6.000	5266	0.000	-4.215	0.0	-0.9
DRAWDOWN	POND1	BASE	4.00	4.582	6.000	5208	0.000	-4.216	0.0	-1.2
DRAWDOWN	POND1	BASE	5.00	4.538	6.000	5150	0.000	-4.218	0.0	-1.6
DRAWDOWN	POND1	BASE	6.00	4.494	6.000	5092	0.000	-4.220	0.0	-1.9
DRAWDOWN	POND1	BASE	7.00	4.450	6.000	5035	0.000	-4.222	0.0	-2.3
DRAWDOWN	POND1	BASE	8.00	4.407	6.000	4979	0.000	-4.224	0.0	-2.6
DRAWDOWN	POND1	BASE	9.00	4.364	6.000	4923	0.000	-4.225	0.0	-3.0
DRAWDOWN	POND1	BASE	10.00	4.322	6.000	4868	0.000	-4.227	0.0	-3.3
DRAWDOWN	POND1	BASE	11.00	4.280	6.000	4813	0.000	-4.229	0.0	-3.7
DRAWDOWN	POND1	BASE	12.00	4.238	6.000	4758	0.000	-4.231	0.0	-4.0
DRAWDOWN	POND1	BASE	13.00	4.197	6.000	4705	0.000	-4.233	0.0	-4.4
DRAWDOWN	POND1	BASE	14.00	4.156	6.000	4651	0.000	-4.235	0.0	-4.7
DRAWDOWN	POND1	BASE	15.00	4.116	6.000	4599	0.000	-4.237	0.0	-5.1
DRAWDOWN	POND1	BASE	16.00	4.076	6.000	4546	0.000	-4.239	0.0	-5.4
DRAWDOWN	POND1	BASE	17.00	4.037	6.000	4495	0.000	-4.240	0.0	-5.8
DRAWDOWN	POND1	BASE	18.00	3.997	6.000	3298	0.000	-4.263	0.0	-6.1
DRAWDOWN	POND1	BASE	19.00	3.921	6.000	117	0.000	-6.053	0.0	-6.5
DRAWDOWN	POND1	BASE	20.00	3.847	6.000	117	0.000	-6.053	0.0	-7.0
DRAWDOWN	POND1	BASE	21.00	3.774	6.000	117	0.000	-6.054	0.0	-7.5
DRAWDOWN	POND1	BASE	22.00	3.703	6.000	117	0.000	-6.054	0.0	-8.0
DRAWDOWN	POND1	BASE	23.00	3.634	6.000	117	0.000	-6.055	0.0	-8.5
DRAWDOWN	POND1	BASE	24.00	3.567	6.000	117	0.000	-6.055	0.0	-9.0
DRAWDOWN	POND1	BASE	25.00	3.503	6.000	117	0.000	-6.056	0.0	-9.5
DRAWDOWN	POND1	BASE	26.00	3.493	6.000	117	0.000	-6.466	0.0	-10.1
DRAWDOWN	POND1	BASE	27.00	3.493	6.000	117	0.000	-6.466	0.0	-10.6
DRAWDOWN	POND1	BASE	28.00	3.493	6.000	117	0.000	-6.466	0.0	-11.1
DRAWDOWN	POND1	BASE	29.00	3.493	6.000	117	0.000	-6.466	0.0	-11.7
DRAWDOWN	POND1	BASE	30.00	3.493	6.000	117	0.000	-6.466	0.0	-12.2
DRAWDOWN	POND1	BASE	31.00	3.493	6.000	117	0.000	-6.466	0.0	-12.7
DRAWDOWN	POND1	BASE	32.00	3.493	6.000	117	0.000	-6.466	0.0	-13.3
DRAWDOWN	POND1	BASE	33.00	3.493	6.000	117	0.000	-6.466	0.0	-13.8
DRAWDOWN	POND1	BASE	34.00	3.493	6.000	117	0.000	-6.466	0.0	-14.3
DRAWDOWN	POND1	BASE	35.00	3.493	6.000	117	0.000	-6.466	0.0	-14.9
DRAWDOWN	POND1	BASE	36.00	3.493	6.000	117	0.000	-6.466	0.0	-15.4
DRAWDOWN	POND1	BASE	37.00	3.493	6.000	117	0.000	-6.466	0.0	-15.9
DRAWDOWN	POND1	BASE	38.00	3.493	6.000	117	0.000	-6.466	0.0	-16.5
DRAWDOWN	POND1	BASE	39.00	3.493	6.000	117	0.000	-6.466	0.0	-17.0
DRAWDOWN	POND1	BASE	40.00	3.493	6.000	117	0.000	-6.466	0.0	-17.5
DRAWDOWN	POND1	BASE	41.00	3.493	6.000	117	0.000	-6.466	0.0	-18.1
DRAWDOWN	POND1	BASE	42.00	3.493	6.000	117	0.000	-6.466	0.0	-18.6
DRAWDOWN	POND1	BASE	43.00	3.493	6.000	117	0.000	-6.466	0.0	-19.1
DRAWDOWN	POND1	BASE	44.00	3.493	6.000	117	0.000	-6.466	0.0	-19.7
DRAWDOWN	POND1	BASE	45.00	3.493	6.000	117	0.000	-6.466	0.0	-20.2
DRAWDOWN	POND1	BASE	46.00	3.493	6.000	117	0.000	-6.466	0.0	-20.7
DRAWDOWN	POND1	BASE	47.00	3.493	6.000	117	0.000	-6.466	0.0	-21.3
DRAWDOWN	POND1	BASE	48.00	3.493	6.000	117	0.000	-6.466	0.0	-21.8
DRAWDOWN	POND1	BASE	49.00	3.493	6.000	117	0.000	-6.466	0.0	-22.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND1	BASE	50.00	3.493	6.000	117	0.000	-6.466	0.0	-22.9
DRAWDOWN	POND1	BASE	51.00	3.493	6.000	117	0.000	-6.466	0.0	-23.4
DRAWDOWN	POND1	BASE	52.00	3.493	6.000	117	0.000	-6.466	0.0	-24.0
DRAWDOWN	POND1	BASE	53.00	3.493	6.000	117	0.000	-6.466	0.0	-24.5
DRAWDOWN	POND1	BASE	54.00	3.493	6.000	117	0.000	-6.466	0.0	-25.0
DRAWDOWN	POND1	BASE	55.00	3.493	6.000	117	0.000	-6.466	0.0	-25.6
DRAWDOWN	POND1	BASE	56.00	3.493	6.000	117	0.000	-6.466	0.0	-26.1
DRAWDOWN	POND1	BASE	57.00	3.493	6.000	117	0.000	-6.466	0.0	-26.6
DRAWDOWN	POND1	BASE	58.00	3.493	6.000	117	0.000	-6.466	0.0	-27.2
DRAWDOWN	POND1	BASE	59.00	3.493	6.000	117	0.000	-6.466	0.0	-27.7
DRAWDOWN	POND1	BASE	60.00	3.493	6.000	117	0.000	-6.466	0.0	-28.2
DRAWDOWN	POND1	BASE	61.00	3.493	6.000	117	0.000	-6.466	0.0	-28.8
DRAWDOWN	POND1	BASE	62.00	3.493	6.000	117	0.000	-6.466	0.0	-29.3
DRAWDOWN	POND1	BASE	63.00	3.493	6.000	117	0.000	-6.466	0.0	-29.8
DRAWDOWN	POND1	BASE	64.00	3.493	6.000	117	0.000	-6.466	0.0	-30.4
DRAWDOWN	POND1	BASE	65.00	3.493	6.000	117	0.000	-6.466	0.0	-30.9
DRAWDOWN	POND1	BASE	66.00	3.493	6.000	117	0.000	-6.466	0.0	-31.4
DRAWDOWN	POND1	BASE	67.00	3.493	6.000	117	0.000	-6.466	0.0	-32.0
DRAWDOWN	POND1	BASE	68.00	3.493	6.000	117	0.000	-6.466	0.0	-32.5
DRAWDOWN	POND1	BASE	69.00	3.493	6.000	117	0.000	-6.466	0.0	-33.0
DRAWDOWN	POND1	BASE	70.00	3.493	6.000	117	0.000	-6.466	0.0	-33.6
DRAWDOWN	POND1	BASE	71.00	3.493	6.000	117	0.000	-6.466	0.0	-34.1
DRAWDOWN	POND1	BASE	72.00	3.493	6.000	117	0.000	-6.466	0.0	-34.6
DRAWDOWN	POND1	BASE	72.00	3.493	6.000	117	0.000	-6.466	0.0	-34.6
DRAWDOWN	POND2	BASE	0.00	4.800	6.000	4971	0.000	12.350	0.0	0.0
DRAWDOWN	POND2	BASE	1.00	4.714	6.000	4858	4.227	0.119	0.2	0.5
DRAWDOWN	POND2	BASE	2.00	4.670	6.000	4802	4.228	0.119	0.5	0.5
DRAWDOWN	POND2	BASE	3.00	4.626	6.000	4744	4.229	0.119	0.9	0.5
DRAWDOWN	POND2	BASE	4.00	4.582	6.000	4686	4.229	0.119	1.2	0.5
DRAWDOWN	POND2	BASE	5.00	4.537	6.000	4628	4.229	0.116	1.6	0.6
DRAWDOWN	POND2	BASE	6.00	4.493	6.000	4570	4.228	0.114	1.9	0.6
DRAWDOWN	POND2	BASE	7.00	4.450	6.000	4509	4.227	0.111	2.3	0.6
DRAWDOWN	POND2	BASE	8.00	4.407	6.000	4449	4.227	0.109	2.6	0.6
DRAWDOWN	POND2	BASE	9.00	4.364	6.000	4389	4.226	0.106	3.0	0.6
DRAWDOWN	POND2	BASE	10.00	4.321	6.000	4330	4.226	0.104	3.3	0.6
DRAWDOWN	POND2	BASE	11.00	4.279	6.000	4272	4.225	0.102	3.7	0.6
DRAWDOWN	POND2	BASE	12.00	4.238	6.000	4214	4.225	0.099	4.0	0.6
DRAWDOWN	POND2	BASE	13.00	4.197	6.000	4156	4.224	0.097	4.4	0.6
DRAWDOWN	POND2	BASE	14.00	4.156	6.000	4100	4.224	0.095	4.7	0.6
DRAWDOWN	POND2	BASE	15.00	4.116	6.000	4044	4.224	0.093	5.1	0.6
DRAWDOWN	POND2	BASE	16.00	4.076	6.000	3988	4.223	0.090	5.4	0.6
DRAWDOWN	POND2	BASE	17.00	4.036	6.000	3933	4.223	0.088	5.8	0.7
DRAWDOWN	POND2	BASE	18.00	3.997	6.000	3879	4.222	0.086	6.1	0.7
DRAWDOWN	POND2	BASE	19.00	3.928	6.000	3788	4.706	0.079	6.5	0.7
DRAWDOWN	POND2	BASE	20.00	3.853	6.000	3690	4.707	0.075	6.9	0.7
DRAWDOWN	POND2	BASE	21.00	3.780	6.000	3595	4.708	0.072	7.3	0.7
DRAWDOWN	POND2	BASE	22.00	3.710	6.000	3503	4.709	0.068	7.6	0.7
DRAWDOWN	POND2	BASE	23.00	3.641	6.000	3413	4.711	0.065	8.0	0.7
DRAWDOWN	POND2	BASE	24.00	3.574	6.000	3326	4.712	0.061	8.4	0.7

Laird Point - Phase 2
Basin 2A
DD Node Time Series Report

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND2	BASE	25.00	3.509	6.000	3241	4.713	0.058	8.8	0.7
DRAWDOWN	POND2	BASE	26.00	3.493	6.000	118	6.256	-0.125	9.3	0.7
DRAWDOWN	POND2	BASE	27.00	3.493	6.000	118	6.256	-0.125	9.8	0.7
DRAWDOWN	POND2	BASE	28.00	3.493	6.000	118	6.256	-0.125	10.3	0.7
DRAWDOWN	POND2	BASE	29.00	3.493	6.000	118	6.256	-0.125	10.8	0.7
DRAWDOWN	POND2	BASE	30.00	3.493	6.000	118	6.256	-0.125	11.3	0.7
DRAWDOWN	POND2	BASE	31.00	3.493	6.000	118	6.256	-0.125	11.9	0.6
DRAWDOWN	POND2	BASE	32.00	3.493	6.000	118	6.256	-0.125	12.4	0.6
DRAWDOWN	POND2	BASE	33.00	3.493	6.000	118	6.256	-0.125	12.9	0.6
DRAWDOWN	POND2	BASE	34.00	3.493	6.000	118	6.256	-0.125	13.4	0.6
DRAWDOWN	POND2	BASE	35.00	3.493	6.000	118	6.256	-0.125	13.9	0.6
DRAWDOWN	POND2	BASE	36.00	3.493	6.000	118	6.256	-0.125	14.4	0.6
DRAWDOWN	POND2	BASE	37.00	3.493	6.000	118	6.256	-0.125	15.0	0.6
DRAWDOWN	POND2	BASE	38.00	3.493	6.000	118	6.256	-0.125	15.5	0.6
DRAWDOWN	POND2	BASE	39.00	3.493	6.000	118	6.256	-0.125	16.0	0.6
DRAWDOWN	POND2	BASE	40.00	3.493	6.000	118	6.256	-0.125	16.5	0.6
DRAWDOWN	POND2	BASE	41.00	3.493	6.000	118	6.256	-0.125	17.0	0.5
DRAWDOWN	POND2	BASE	42.00	3.493	6.000	118	6.256	-0.125	17.5	0.5
DRAWDOWN	POND2	BASE	43.00	3.493	6.000	118	6.256	-0.125	18.1	0.5
DRAWDOWN	POND2	BASE	44.00	3.493	6.000	118	6.256	-0.125	18.6	0.5
DRAWDOWN	POND2	BASE	45.00	3.493	6.000	118	6.256	-0.125	19.1	0.5
DRAWDOWN	POND2	BASE	46.00	3.493	6.000	118	6.256	-0.125	19.6	0.5
DRAWDOWN	POND2	BASE	47.00	3.493	6.000	118	6.256	-0.125	20.1	0.5
DRAWDOWN	POND2	BASE	48.00	3.493	6.000	118	6.256	-0.125	20.6	0.5
DRAWDOWN	POND2	BASE	49.00	3.493	6.000	118	6.256	-0.125	21.2	0.5
DRAWDOWN	POND2	BASE	50.00	3.493	6.000	118	6.256	-0.125	21.7	0.5
DRAWDOWN	POND2	BASE	51.00	3.493	6.000	118	6.256	-0.125	22.2	0.4
DRAWDOWN	POND2	BASE	52.00	3.493	6.000	118	6.256	-0.125	22.7	0.4
DRAWDOWN	POND2	BASE	53.00	3.493	6.000	118	6.256	-0.125	23.2	0.4
DRAWDOWN	POND2	BASE	54.00	3.493	6.000	118	6.256	-0.125	23.7	0.4
DRAWDOWN	POND2	BASE	55.00	3.493	6.000	118	6.256	-0.125	24.3	0.4
DRAWDOWN	POND2	BASE	56.00	3.493	6.000	118	6.256	-0.125	24.8	0.4
DRAWDOWN	POND2	BASE	57.00	3.493	6.000	118	6.256	-0.125	25.3	0.4
DRAWDOWN	POND2	BASE	58.00	3.493	6.000	118	6.256	-0.125	25.8	0.4
DRAWDOWN	POND2	BASE	59.00	3.493	6.000	118	6.256	-0.125	26.3	0.4
DRAWDOWN	POND2	BASE	60.00	3.493	6.000	118	6.256	-0.125	26.8	0.4
DRAWDOWN	POND2	BASE	61.00	3.493	6.000	118	6.256	-0.125	27.4	0.3
DRAWDOWN	POND2	BASE	62.00	3.493	6.000	118	6.256	-0.125	27.9	0.3
DRAWDOWN	POND2	BASE	63.00	3.493	6.000	118	6.256	-0.125	28.4	0.3
DRAWDOWN	POND2	BASE	64.00	3.493	6.000	118	6.256	-0.125	28.9	0.3
DRAWDOWN	POND2	BASE	65.00	3.493	6.000	118	6.256	-0.125	29.4	0.3
DRAWDOWN	POND2	BASE	66.00	3.493	6.000	118	6.256	-0.125	29.9	0.3
DRAWDOWN	POND2	BASE	67.00	3.493	6.000	118	6.256	-0.125	30.5	0.3
DRAWDOWN	POND2	BASE	68.00	3.493	6.000	118	6.256	-0.125	31.0	0.3
DRAWDOWN	POND2	BASE	69.00	3.493	6.000	118	6.256	-0.125	31.5	0.3
DRAWDOWN	POND2	BASE	70.00	3.493	6.000	118	6.256	-0.125	32.0	0.2
DRAWDOWN	POND2	BASE	71.00	3.493	6.000	118	6.256	-0.125	32.5	0.2
DRAWDOWN	POND2	BASE	72.00	3.493	6.000	118	6.256	-0.125	33.1	0.2
DRAWDOWN	POND2	BASE	72.00	3.493	6.000	118	6.256	-0.125	33.1	0.2

Laird Point - Phase 2
Basin 2A
DD Basin Max Report

Simulation	Basin	Group	Time Max hrs	Flow Max cfs	Volume in	Volume ft3
DRAWDOWN	B-1	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-10	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-11	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-13	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-14	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-15	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-2	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-3	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-4	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-6	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-7	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-8	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-9	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-POND1	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-POND2	BASE	0.00	0.000	0.000	0.000

Name: FP1END Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.500	0.0001
2.830	0.0008
3.170	0.0016
5.500	0.0017

Name: FP2END Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.000	0.0001
2.330	0.0008
2.670	0.0016
5.500	0.0017

Name: INFALL Base Flow(cfs): 0.000 Init Stage(ft): 3.250
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.500	0.0001
5.500	0.0001

Name: OUTFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.000	0.0003
5.500	0.0003

Name: POND1 Base Flow(cfs): 0.000 Init Stage(ft): 4.800
Group: BASE Warn Stage(ft): 6.000
Type: Stage/Area

Stage(ft)	Area(ac)
3.500	0.0004
3.990	0.0004
4.000	0.0873
4.500	0.1011
5.000	0.1157
5.500	0.1311

Name: POND2 Base Flow(cfs): 0.000 Init Stage(ft): 4.800
Group: BASE Warn Stage(ft): 6.000
Type: Stage/Area

Stage(ft)	Area(ac)
3.500	0.0740
4.000	0.0890
4.500	0.1050
5.000	0.1220
5.500	0.1390

Name: S-1 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.860
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-10 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.150
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-11 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.160
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-13 Base Flow(cfs): 0.000 Init Stage(ft): 4.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.000
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-14 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.150
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-15 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.350
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-2 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.860
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-3 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.140
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-4 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.140
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-5 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.000
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-6 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.950
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-7 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.950
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-8 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.950
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-9 Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.950
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

0

Name: WETLAND Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 2.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	2.000
24.00	2.000

Name:	CULVERT	From Node:	OUTFALL	Length(ft):	14.07
Group:	BASE	To Node:	WETLAND	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	12.00	12.00		Entrance Loss Coef:	0.30
Rise(in):	12.00	12.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	1.900		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Name:	FP1	From Node:	INFALL	Length(ft):	160.00
Group:	BASE	To Node:	FP1END	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.700	2.700		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Name:	FP2	From Node:	FP2END	Length(ft):	160.00
Group:	BASE	To Node:	OUTFALL	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	2.200		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Name:	L-1	From Node:	S-1	Length(ft):	24.25
Group:	BASE	To Node:	S-2	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both

Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.000	1.000	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-10	From Node: S-10	Length(ft):	180.60
Group:	BASE	To Node: S-11	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.000	1.000	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-11	From Node: S-11	Length(ft):	39.68
Group:	BASE	To Node: POND1	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	None
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	0.750	0.000	Bend Loss Coef:	0.62
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-12	From Node: POND1	Length(ft):	53.44
Group:	BASE	To Node: S-13	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	36.00	36.00	Entrance Loss Coef:	0.20
Rise(in):	36.00	36.00	Exit Loss Coef:	1.00
Invert(ft):	-1.500	-1.750	Bend Loss Coef:	0.28
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc

Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-13	From Node: S-13	Length(ft):	73.18
Group:	BASE	To Node: POND2	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	36.00	36.00	Entrance Loss Coef:	0.20
Rise(in):	36.00	36.00	Exit Loss Coef:	1.00
Invert(ft):	-1.750	-2.000	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-14	From Node: S-14	Length(ft):	180.60
Group:	BASE	To Node: S-15	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	1.750	0.750	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-15	From Node: S-15	Length(ft):	34.96
Group:	BASE	To Node: POND2	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	None
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	0.750	-0.500	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-2	From Node:	S-2	Length(ft):	58.94
Group:	BASE	To Node:	S-13	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	None
Span(in):	15.00	15.00		Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00		Exit Loss Coef:	1.00
Invert(ft):	1.000	0.000		Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-3	From Node:	S-3	Length(ft):	39.18
Group:	BASE	To Node:	S-5	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	15.00	15.00		Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00		Exit Loss Coef:	1.00
Invert(ft):	1.450	1.150		Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-4	From Node:	S-4	Length(ft):	39.18
Group:	BASE	To Node:	S-5	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	15.00	15.00		Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00		Exit Loss Coef:	1.00
Invert(ft):	1.450	1.150		Bend Loss Coef:	0.64
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-5	From Node:	S-5	Length(ft):	82.53
Group:	BASE	To Node:	S-7	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	18.00	18.00		Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00		Exit Loss Coef:	1.00
Invert(ft):	0.900	0.600		Bend Loss Coef:	0.21
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-6	From Node:	S-6	Length(ft):	24.27
Group:	BASE	To Node:	S-7	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	15.00	15.00		Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00		Exit Loss Coef:	1.00
Invert(ft):	2.000	0.600		Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-7	From Node:	S-7	Length(ft):	116.69
Group:	BASE	To Node:	S-9	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	24.00	24.00		Entrance Loss Coef:	0.20
Rise(in):	24.00	24.00		Exit Loss Coef:	1.00
Invert(ft):	0.100	-0.200		Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-8	From Node:	S-8	Length(ft):	24.25
Group:	BASE	To Node:	S-9	Count:	1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	15.00	15.00
Rise(in):	15.00	15.00
Invert(ft):	2.000	0.550
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.66
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-9
Group: BASE
From Node: S-9
To Node: POND1
Length(ft): 79.04
Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	30.00	30.00
Rise(in):	30.00	30.00
Invert(ft):	-0.700	-1.000
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: None
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.55
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

BASIN 2B

Laird Point - Phase 2
Basin 2B
DD Node Time Series

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	0.00	4.600	5.500	6835	0.000	0.000	0.0	0.0
DRAWDOWN	POND3	BASE	0.17	4.578	5.500	6802	0.000	-3.007	0.0	-0.0
DRAWDOWN	POND3	BASE	0.33	4.570	5.500	6790	0.000	-3.072	0.0	-0.1
DRAWDOWN	POND3	BASE	0.50	4.564	5.500	6782	0.000	-3.080	0.0	-0.1
DRAWDOWN	POND3	BASE	0.67	4.559	5.500	6774	0.000	-3.081	0.0	-0.1
DRAWDOWN	POND3	BASE	0.83	4.554	5.500	6766	0.000	-3.081	0.0	-0.2
DRAWDOWN	POND3	BASE	1.00	4.549	5.500	6759	0.000	-3.081	0.0	-0.2
DRAWDOWN	POND3	BASE	1.17	4.544	5.500	6751	0.000	-3.081	0.0	-0.3
DRAWDOWN	POND3	BASE	1.33	4.539	5.500	6744	0.000	-3.082	0.0	-0.3
DRAWDOWN	POND3	BASE	1.50	4.533	5.500	6736	0.000	-3.082	0.0	-0.4
DRAWDOWN	POND3	BASE	1.67	4.528	5.500	6728	0.000	-3.082	0.0	-0.4
DRAWDOWN	POND3	BASE	1.83	4.523	5.500	6721	0.000	-3.082	0.0	-0.4
DRAWDOWN	POND3	BASE	2.00	4.518	5.500	6713	0.000	-3.082	0.0	-0.5
DRAWDOWN	POND3	BASE	2.17	4.513	5.500	6706	0.000	-3.082	0.0	-0.5
DRAWDOWN	POND3	BASE	2.33	4.508	5.500	6698	0.000	-3.082	0.0	-0.6
DRAWDOWN	POND3	BASE	2.50	4.503	5.500	6691	0.000	-3.083	0.0	-0.6
DRAWDOWN	POND3	BASE	2.67	4.498	5.500	6683	0.000	-3.083	0.0	-0.7
DRAWDOWN	POND3	BASE	2.83	4.493	5.500	6676	0.000	-3.083	0.0	-0.7
DRAWDOWN	POND3	BASE	3.00	4.488	5.500	6669	0.000	-3.083	0.0	-0.7
DRAWDOWN	POND3	BASE	3.17	4.482	5.500	6662	0.000	-3.083	0.0	-0.8
DRAWDOWN	POND3	BASE	3.33	4.477	5.500	6655	0.000	-3.083	0.0	-0.8
DRAWDOWN	POND3	BASE	3.50	4.472	5.500	6647	0.000	-3.083	0.0	-0.9
DRAWDOWN	POND3	BASE	3.67	4.467	5.500	6640	0.000	-3.084	0.0	-0.9
DRAWDOWN	POND3	BASE	3.83	4.462	5.500	6633	0.000	-3.084	0.0	-1.0
DRAWDOWN	POND3	BASE	4.00	4.457	5.500	6626	0.000	-3.084	0.0	-1.0
DRAWDOWN	POND3	BASE	4.17	4.452	5.500	6619	0.000	-3.084	0.0	-1.0
DRAWDOWN	POND3	BASE	4.33	4.447	5.500	6612	0.000	-3.084	0.0	-1.1
DRAWDOWN	POND3	BASE	4.50	4.442	5.500	6605	0.000	-3.084	0.0	-1.1
DRAWDOWN	POND3	BASE	4.67	4.437	5.500	6598	0.000	-3.084	0.0	-1.2
DRAWDOWN	POND3	BASE	4.83	4.432	5.500	6591	0.000	-3.084	0.0	-1.2
DRAWDOWN	POND3	BASE	5.00	4.427	5.500	6583	0.000	-3.085	0.0	-1.3
DRAWDOWN	POND3	BASE	5.17	4.422	5.500	6576	0.000	-3.085	0.0	-1.3
DRAWDOWN	POND3	BASE	5.33	4.417	5.500	6569	0.000	-3.085	0.0	-1.3
DRAWDOWN	POND3	BASE	5.50	4.412	5.500	6562	0.000	-3.085	0.0	-1.4
DRAWDOWN	POND3	BASE	5.67	4.407	5.500	6555	0.000	-3.085	0.0	-1.4
DRAWDOWN	POND3	BASE	5.83	4.402	5.500	6548	0.000	-3.085	0.0	-1.5
DRAWDOWN	POND3	BASE	6.00	4.397	5.500	6541	0.000	-3.085	0.0	-1.5
DRAWDOWN	POND3	BASE	6.17	4.392	5.500	6534	0.000	-3.086	0.0	-1.5
DRAWDOWN	POND3	BASE	6.33	4.387	5.500	6527	0.000	-3.086	0.0	-1.6
DRAWDOWN	POND3	BASE	6.50	4.382	5.500	6520	0.000	-3.086	0.0	-1.6
DRAWDOWN	POND3	BASE	6.67	4.377	5.500	6513	0.000	-3.086	0.0	-1.7
DRAWDOWN	POND3	BASE	6.83	4.372	5.500	6506	0.000	-3.086	0.0	-1.7
DRAWDOWN	POND3	BASE	7.00	4.367	5.500	6499	0.000	-3.086	0.0	-1.8
DRAWDOWN	POND3	BASE	7.17	4.362	5.500	6492	0.000	-3.086	0.0	-1.8
DRAWDOWN	POND3	BASE	7.33	4.357	5.500	6485	0.000	-3.087	0.0	-1.8
DRAWDOWN	POND3	BASE	7.50	4.352	5.500	6478	0.000	-3.087	0.0	-1.9
DRAWDOWN	POND3	BASE	7.67	4.347	5.500	6471	0.000	-3.087	0.0	-1.9
DRAWDOWN	POND3	BASE	7.83	4.343	5.500	6464	0.000	-3.087	0.0	-2.0
DRAWDOWN	POND3	BASE	8.00	4.338	5.500	6457	0.000	-3.087	0.0	-2.0
DRAWDOWN	POND3	BASE	8.17	4.333	5.500	6450	0.000	-3.087	0.0	-2.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	8.33	4.328	5.500	6443	0.000	-3.087	0.0	-2.1
DRAWDOWN	POND3	BASE	8.50	4.323	5.500	6437	0.000	-3.087	0.0	-2.1
DRAWDOWN	POND3	BASE	8.67	4.318	5.500	6430	0.000	-3.088	0.0	-2.2
DRAWDOWN	POND3	BASE	8.83	4.313	5.500	6423	0.000	-3.088	0.0	-2.2
DRAWDOWN	POND3	BASE	9.00	4.308	5.500	6416	0.000	-3.088	0.0	-2.3
DRAWDOWN	POND3	BASE	9.17	4.303	5.500	6409	0.000	-3.088	0.0	-2.3
DRAWDOWN	POND3	BASE	9.33	4.298	5.500	6402	0.000	-3.088	0.0	-2.4
DRAWDOWN	POND3	BASE	9.50	4.294	5.500	6395	0.000	-3.088	0.0	-2.4
DRAWDOWN	POND3	BASE	9.67	4.289	5.500	6388	0.000	-3.088	0.0	-2.4
DRAWDOWN	POND3	BASE	9.83	4.284	5.500	6381	0.000	-3.089	0.0	-2.5
DRAWDOWN	POND3	BASE	10.00	4.279	5.500	6375	0.000	-3.089	0.0	-2.5
DRAWDOWN	POND3	BASE	10.17	4.274	5.500	6368	0.000	-3.089	0.0	-2.6
DRAWDOWN	POND3	BASE	10.33	4.269	5.500	6361	0.000	-3.089	0.0	-2.6
DRAWDOWN	POND3	BASE	10.50	4.265	5.500	6354	0.000	-3.089	0.0	-2.7
DRAWDOWN	POND3	BASE	10.67	4.260	5.500	6347	0.000	-3.089	0.0	-2.7
DRAWDOWN	POND3	BASE	10.83	4.255	5.500	6341	0.000	-3.089	0.0	-2.7
DRAWDOWN	POND3	BASE	11.00	4.250	5.500	6334	0.000	-3.089	0.0	-2.8
DRAWDOWN	POND3	BASE	11.17	4.245	5.500	6327	0.000	-3.090	0.0	-2.8
DRAWDOWN	POND3	BASE	11.33	4.240	5.500	6320	0.000	-3.090	0.0	-2.9
DRAWDOWN	POND3	BASE	11.50	4.236	5.500	6313	0.000	-3.090	0.0	-2.9
DRAWDOWN	POND3	BASE	11.67	4.231	5.500	6307	0.000	-3.090	0.0	-3.0
DRAWDOWN	POND3	BASE	11.83	4.226	5.500	6300	0.000	-3.090	0.0	-3.0
DRAWDOWN	POND3	BASE	12.00	4.221	5.500	6293	0.000	-3.090	0.0	-3.0
DRAWDOWN	POND3	BASE	12.17	4.217	5.500	6286	0.000	-3.090	0.0	-3.1
DRAWDOWN	POND3	BASE	12.33	4.212	5.500	6280	0.000	-3.091	0.0	-3.1
DRAWDOWN	POND3	BASE	12.50	4.207	5.500	6273	0.000	-3.091	0.0	-3.2
DRAWDOWN	POND3	BASE	12.67	4.202	5.500	6266	0.000	-3.091	0.0	-3.2
DRAWDOWN	POND3	BASE	12.83	4.198	5.500	6260	0.000	-3.091	0.0	-3.3
DRAWDOWN	POND3	BASE	13.00	4.193	5.500	6253	0.000	-3.091	0.0	-3.3
DRAWDOWN	POND3	BASE	13.17	4.188	5.500	6246	0.000	-3.091	0.0	-3.3
DRAWDOWN	POND3	BASE	13.33	4.183	5.500	6240	0.000	-3.091	0.0	-3.4
DRAWDOWN	POND3	BASE	13.50	4.179	5.500	6233	0.000	-3.091	0.0	-3.4
DRAWDOWN	POND3	BASE	13.67	4.174	5.500	6226	0.000	-3.092	0.0	-3.5
DRAWDOWN	POND3	BASE	13.83	4.169	5.500	6220	0.000	-3.092	0.0	-3.5
DRAWDOWN	POND3	BASE	14.00	4.164	5.500	6213	0.000	-3.092	0.0	-3.5
DRAWDOWN	POND3	BASE	14.17	4.160	5.500	6206	0.000	-3.092	0.0	-3.6
DRAWDOWN	POND3	BASE	14.33	4.155	5.500	6200	0.000	-3.092	0.0	-3.6
DRAWDOWN	POND3	BASE	14.50	4.150	5.500	6193	0.000	-3.092	0.0	-3.7
DRAWDOWN	POND3	BASE	14.67	4.146	5.500	6186	0.000	-3.092	0.0	-3.7
DRAWDOWN	POND3	BASE	14.83	4.141	5.500	6180	0.000	-3.093	0.0	-3.8
DRAWDOWN	POND3	BASE	15.00	4.136	5.500	6173	0.000	-3.093	0.0	-3.8
DRAWDOWN	POND3	BASE	15.17	4.132	5.500	6167	0.000	-3.093	0.0	-3.8
DRAWDOWN	POND3	BASE	15.33	4.127	5.500	6160	0.000	-3.093	0.0	-3.9
DRAWDOWN	POND3	BASE	15.50	4.122	5.500	6154	0.000	-3.093	0.0	-3.9
DRAWDOWN	POND3	BASE	15.67	4.118	5.500	6147	0.000	-3.093	0.0	-4.0
DRAWDOWN	POND3	BASE	15.83	4.113	5.500	6140	0.000	-3.093	0.0	-4.0
DRAWDOWN	POND3	BASE	16.00	4.108	5.500	6134	0.000	-3.093	0.0	-4.1
DRAWDOWN	POND3	BASE	16.17	4.104	5.500	6127	0.000	-3.094	0.0	-4.1
DRAWDOWN	POND3	BASE	16.33	4.099	5.500	6121	0.000	-3.094	0.0	-4.1
DRAWDOWN	POND3	BASE	16.50	4.095	5.500	6114	0.000	-3.094	0.0	-4.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	16.67	4.090	5.500	6108	0.000	-3.094	0.0	-4.2
DRAWDOWN	POND3	BASE	16.83	4.085	5.500	6101	0.000	-3.094	0.0	-4.3
DRAWDOWN	POND3	BASE	17.00	4.081	5.500	6095	0.000	-3.094	0.0	-4.3
DRAWDOWN	POND3	BASE	17.17	4.076	5.500	6088	0.000	-3.094	0.0	-4.4
DRAWDOWN	POND3	BASE	17.33	4.072	5.500	6082	0.000	-3.095	0.0	-4.4
DRAWDOWN	POND3	BASE	17.50	4.067	5.500	6075	0.000	-3.095	0.0	-4.4
DRAWDOWN	POND3	BASE	17.67	4.063	5.500	6069	0.000	-3.095	0.0	-4.5
DRAWDOWN	POND3	BASE	17.83	4.058	5.500	6063	0.000	-3.095	0.0	-4.5
DRAWDOWN	POND3	BASE	18.00	4.053	5.500	6056	0.000	-3.095	0.0	-4.6
DRAWDOWN	POND3	BASE	18.17	4.049	5.500	6050	0.000	-3.095	0.0	-4.6
DRAWDOWN	POND3	BASE	18.33	4.044	5.500	6043	0.000	-3.095	0.0	-4.7
DRAWDOWN	POND3	BASE	18.50	4.040	5.500	6037	0.000	-3.095	0.0	-4.7
DRAWDOWN	POND3	BASE	18.67	4.035	5.500	6031	0.000	-3.096	0.0	-4.7
DRAWDOWN	POND3	BASE	18.83	4.031	5.500	6024	0.000	-3.096	0.0	-4.8
DRAWDOWN	POND3	BASE	19.00	4.026	5.500	6018	0.000	-3.096	0.0	-4.8
DRAWDOWN	POND3	BASE	19.17	4.022	5.500	6011	0.000	-3.096	0.0	-4.9
DRAWDOWN	POND3	BASE	19.33	4.017	5.500	6005	0.000	-3.096	0.0	-4.9
DRAWDOWN	POND3	BASE	19.50	4.013	5.500	5999	0.000	-3.096	0.0	-5.0
DRAWDOWN	POND3	BASE	19.67	4.008	5.500	5992	0.000	-3.096	0.0	-5.0
DRAWDOWN	POND3	BASE	19.83	4.004	5.500	5986	0.000	-3.096	0.0	-5.0
DRAWDOWN	POND3	BASE	20.00	3.999	5.500	5522	0.000	-3.098	0.0	-5.1
DRAWDOWN	POND3	BASE	20.17	3.993	5.500	1926	0.000	-3.145	0.0	-5.1
DRAWDOWN	POND3	BASE	20.33	3.984	5.500	117	0.000	-3.900	0.0	-5.2
DRAWDOWN	POND3	BASE	20.50	3.973	5.500	117	0.000	-3.900	0.0	-5.2
DRAWDOWN	POND3	BASE	20.67	3.964	5.500	117	0.000	-3.900	0.0	-5.3
DRAWDOWN	POND3	BASE	20.83	3.954	5.500	117	0.000	-3.900	0.0	-5.3
DRAWDOWN	POND3	BASE	21.00	3.944	5.500	117	0.000	-3.900	0.0	-5.4
DRAWDOWN	POND3	BASE	21.17	3.934	5.500	117	0.000	-3.900	0.0	-5.4
DRAWDOWN	POND3	BASE	21.33	3.924	5.500	117	0.000	-3.900	0.0	-5.5
DRAWDOWN	POND3	BASE	21.50	3.914	5.500	117	0.000	-3.900	0.0	-5.6
DRAWDOWN	POND3	BASE	21.67	3.904	5.500	117	0.000	-3.900	0.0	-5.6
DRAWDOWN	POND3	BASE	21.83	3.895	5.500	117	0.000	-3.900	0.0	-5.7
DRAWDOWN	POND3	BASE	22.00	3.885	5.500	117	0.000	-3.900	0.0	-5.7
DRAWDOWN	POND3	BASE	22.17	3.875	5.500	117	0.000	-3.900	0.0	-5.8
DRAWDOWN	POND3	BASE	22.33	3.866	5.500	117	0.000	-3.900	0.0	-5.8
DRAWDOWN	POND3	BASE	22.50	3.856	5.500	117	0.000	-3.900	0.0	-5.9
DRAWDOWN	POND3	BASE	22.67	3.846	5.500	117	0.000	-3.900	0.0	-5.9
DRAWDOWN	POND3	BASE	22.83	3.837	5.500	117	0.000	-3.900	0.0	-6.0
DRAWDOWN	POND3	BASE	23.00	3.827	5.500	117	0.000	-3.900	0.0	-6.0
DRAWDOWN	POND3	BASE	23.17	3.818	5.500	117	0.000	-3.900	0.0	-6.1
DRAWDOWN	POND3	BASE	23.33	3.808	5.500	117	0.000	-3.900	0.0	-6.1
DRAWDOWN	POND3	BASE	23.50	3.799	5.500	117	0.000	-3.900	0.0	-6.2
DRAWDOWN	POND3	BASE	23.67	3.790	5.500	117	0.000	-3.900	0.0	-6.2
DRAWDOWN	POND3	BASE	23.83	3.780	5.500	117	0.000	-3.900	0.0	-6.3
DRAWDOWN	POND3	BASE	24.00	3.771	5.500	117	0.000	-3.900	0.0	-6.4
DRAWDOWN	POND3	BASE	24.17	3.762	5.500	117	0.000	-3.900	0.0	-6.4
DRAWDOWN	POND3	BASE	24.33	3.753	5.500	117	0.000	-3.900	0.0	-6.5
DRAWDOWN	POND3	BASE	24.50	3.743	5.500	117	0.000	-3.900	0.0	-6.5
DRAWDOWN	POND3	BASE	24.67	3.734	5.500	117	0.000	-3.900	0.0	-6.6
DRAWDOWN	POND3	BASE	24.83	3.725	5.500	117	0.000	-3.900	0.0	-6.6

Laird Point - Phase 2
Basin 2B
DD Node Time Series

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	25.00	3.716	5.500	117	0.000	-3.900	0.0	-6.7
DRAWDOWN	POND3	BASE	25.17	3.707	5.500	117	0.000	-3.900	0.0	-6.7
DRAWDOWN	POND3	BASE	25.33	3.698	5.500	117	0.000	-3.900	0.0	-6.8
DRAWDOWN	POND3	BASE	25.50	3.689	5.500	117	0.000	-3.900	0.0	-6.8
DRAWDOWN	POND3	BASE	25.67	3.680	5.500	117	0.000	-3.900	0.0	-6.9
DRAWDOWN	POND3	BASE	25.83	3.671	5.500	117	0.000	-3.900	0.0	-6.9
DRAWDOWN	POND3	BASE	26.00	3.662	5.500	117	0.000	-3.900	0.0	-7.0
DRAWDOWN	POND3	BASE	26.17	3.654	5.500	117	0.000	-3.900	0.0	-7.1
DRAWDOWN	POND3	BASE	26.33	3.645	5.500	117	0.000	-3.900	0.0	-7.1
DRAWDOWN	POND3	BASE	26.50	3.636	5.500	117	0.000	-3.900	0.0	-7.2
DRAWDOWN	POND3	BASE	26.67	3.627	5.500	117	0.000	-3.900	0.0	-7.2
DRAWDOWN	POND3	BASE	26.83	3.619	5.500	117	0.000	-3.900	0.0	-7.3
DRAWDOWN	POND3	BASE	27.00	3.610	5.500	117	0.000	-3.900	0.0	-7.3
DRAWDOWN	POND3	BASE	27.17	3.601	5.500	117	0.000	-3.900	0.0	-7.4
DRAWDOWN	POND3	BASE	27.33	3.593	5.500	117	0.000	-3.900	0.0	-7.4
DRAWDOWN	POND3	BASE	27.50	3.584	5.500	117	0.000	-3.901	0.0	-7.5
DRAWDOWN	POND3	BASE	27.67	3.576	5.500	117	0.000	-3.901	0.0	-7.5
DRAWDOWN	POND3	BASE	27.83	3.567	5.500	117	0.000	-3.901	0.0	-7.6
DRAWDOWN	POND3	BASE	28.00	3.559	5.500	117	0.000	-3.901	0.0	-7.6
DRAWDOWN	POND3	BASE	28.17	3.551	5.500	117	0.000	-3.901	0.0	-7.7
DRAWDOWN	POND3	BASE	28.33	3.542	5.500	117	0.000	-3.901	0.0	-7.8
DRAWDOWN	POND3	BASE	28.50	3.535	5.500	117	0.000	-3.901	0.0	-7.8
DRAWDOWN	POND3	BASE	28.67	3.528	5.500	117	0.000	-3.901	0.0	-7.9
DRAWDOWN	POND3	BASE	28.83	3.522	5.500	117	0.000	-3.901	0.0	-7.9
DRAWDOWN	POND3	BASE	29.00	3.516	5.500	117	0.000	-3.901	0.0	-8.0
DRAWDOWN	POND3	BASE	29.17	3.512	5.500	117	0.000	-3.901	0.0	-8.0
DRAWDOWN	POND3	BASE	29.33	3.508	5.500	117	0.000	-3.901	0.0	-8.1
DRAWDOWN	POND3	BASE	29.50	3.504	5.500	117	0.000	-3.902	0.0	-8.1
DRAWDOWN	POND3	BASE	29.67	3.501	5.500	117	0.000	-3.902	0.0	-8.2
DRAWDOWN	POND3	BASE	29.83	3.499	5.500	117	0.000	-3.902	0.0	-8.2
DRAWDOWN	POND3	BASE	30.00	3.498	5.500	117	0.000	-3.902	0.0	-8.3
DRAWDOWN	POND3	BASE	30.17	3.497	5.500	117	0.000	-3.902	0.0	-8.3
DRAWDOWN	POND3	BASE	30.33	3.497	5.500	117	0.000	-3.902	0.0	-8.4
DRAWDOWN	POND3	BASE	30.50	3.496	5.500	117	0.000	-3.902	0.0	-8.5
DRAWDOWN	POND3	BASE	30.67	3.496	5.500	117	0.000	-3.902	0.0	-8.5
DRAWDOWN	POND3	BASE	30.83	3.496	5.500	117	0.000	-3.902	0.0	-8.6
DRAWDOWN	POND3	BASE	31.00	3.496	5.500	117	0.000	-3.902	0.0	-8.6
DRAWDOWN	POND3	BASE	31.17	3.496	5.500	117	0.000	-3.902	0.0	-8.7
DRAWDOWN	POND3	BASE	31.33	3.496	5.500	117	0.000	-3.902	0.0	-8.7
DRAWDOWN	POND3	BASE	31.50	3.496	5.500	117	0.000	-3.902	0.0	-8.8
DRAWDOWN	POND3	BASE	31.67	3.496	5.500	117	0.000	-3.902	0.0	-8.8
DRAWDOWN	POND3	BASE	31.83	3.496	5.500	117	0.000	-3.902	0.0	-8.9
DRAWDOWN	POND3	BASE	32.00	3.496	5.500	117	0.000	-3.902	0.0	-8.9
DRAWDOWN	POND3	BASE	32.17	3.496	5.500	117	0.000	-3.902	0.0	-9.0
DRAWDOWN	POND3	BASE	32.33	3.496	5.500	117	0.000	-3.902	0.0	-9.0
DRAWDOWN	POND3	BASE	32.50	3.496	5.500	117	0.000	-3.902	0.0	-9.1
DRAWDOWN	POND3	BASE	32.67	3.496	5.500	117	0.000	-3.902	0.0	-9.2
DRAWDOWN	POND3	BASE	32.83	3.496	5.500	117	0.000	-3.902	0.0	-9.2
DRAWDOWN	POND3	BASE	33.00	3.496	5.500	117	0.000	-3.902	0.0	-9.3
DRAWDOWN	POND3	BASE	33.17	3.496	5.500	117	0.000	-3.902	0.0	-9.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	33.33	3.496	5.500	117	0.000	-3.902	0.0	-9.4
DRAWDOWN	POND3	BASE	33.50	3.496	5.500	117	0.000	-3.902	0.0	-9.4
DRAWDOWN	POND3	BASE	33.67	3.496	5.500	117	0.000	-3.902	0.0	-9.5
DRAWDOWN	POND3	BASE	33.83	3.496	5.500	117	0.000	-3.902	0.0	-9.5
DRAWDOWN	POND3	BASE	34.00	3.496	5.500	117	0.000	-3.902	0.0	-9.6
DRAWDOWN	POND3	BASE	34.17	3.496	5.500	117	0.000	-3.902	0.0	-9.6
DRAWDOWN	POND3	BASE	34.33	3.496	5.500	117	0.000	-3.902	0.0	-9.7
DRAWDOWN	POND3	BASE	34.50	3.496	5.500	117	0.000	-3.902	0.0	-9.7
DRAWDOWN	POND3	BASE	34.67	3.496	5.500	117	0.000	-3.902	0.0	-9.8
DRAWDOWN	POND3	BASE	34.83	3.496	5.500	117	0.000	-3.902	0.0	-9.8
DRAWDOWN	POND3	BASE	35.00	3.496	5.500	117	0.000	-3.902	0.0	-9.9
DRAWDOWN	POND3	BASE	35.17	3.496	5.500	117	0.000	-3.902	0.0	-10.0
DRAWDOWN	POND3	BASE	35.33	3.496	5.500	117	0.000	-3.902	0.0	-10.0
DRAWDOWN	POND3	BASE	35.50	3.496	5.500	117	0.000	-3.902	0.0	-10.1
DRAWDOWN	POND3	BASE	35.67	3.496	5.500	117	0.000	-3.902	0.0	-10.1
DRAWDOWN	POND3	BASE	35.83	3.496	5.500	117	0.000	-3.902	0.0	-10.2
DRAWDOWN	POND3	BASE	36.00	3.496	5.500	117	0.000	-3.902	0.0	-10.2
DRAWDOWN	POND3	BASE	36.17	3.496	5.500	117	0.000	-3.902	0.0	-10.3
DRAWDOWN	POND3	BASE	36.33	3.496	5.500	117	0.000	-3.902	0.0	-10.3
DRAWDOWN	POND3	BASE	36.50	3.496	5.500	117	0.000	-3.902	0.0	-10.4
DRAWDOWN	POND3	BASE	36.67	3.496	5.500	117	0.000	-3.902	0.0	-10.4
DRAWDOWN	POND3	BASE	36.83	3.496	5.500	117	0.000	-3.902	0.0	-10.5
DRAWDOWN	POND3	BASE	37.00	3.496	5.500	117	0.000	-3.902	0.0	-10.5
DRAWDOWN	POND3	BASE	37.17	3.496	5.500	117	0.000	-3.902	0.0	-10.6
DRAWDOWN	POND3	BASE	37.33	3.496	5.500	117	0.000	-3.902	0.0	-10.7
DRAWDOWN	POND3	BASE	37.50	3.496	5.500	117	0.000	-3.902	0.0	-10.7
DRAWDOWN	POND3	BASE	37.67	3.496	5.500	117	0.000	-3.902	0.0	-10.8
DRAWDOWN	POND3	BASE	37.83	3.496	5.500	117	0.000	-3.902	0.0	-10.8
DRAWDOWN	POND3	BASE	38.00	3.496	5.500	117	0.000	-3.902	0.0	-10.9
DRAWDOWN	POND3	BASE	38.17	3.496	5.500	117	0.000	-3.902	0.0	-10.9
DRAWDOWN	POND3	BASE	38.33	3.496	5.500	117	0.000	-3.902	0.0	-11.0
DRAWDOWN	POND3	BASE	38.50	3.496	5.500	117	0.000	-3.902	0.0	-11.0
DRAWDOWN	POND3	BASE	38.67	3.496	5.500	117	0.000	-3.902	0.0	-11.1
DRAWDOWN	POND3	BASE	38.83	3.496	5.500	117	0.000	-3.902	0.0	-11.1
DRAWDOWN	POND3	BASE	39.00	3.496	5.500	117	0.000	-3.902	0.0	-11.2
DRAWDOWN	POND3	BASE	39.17	3.496	5.500	117	0.000	-3.902	0.0	-11.2
DRAWDOWN	POND3	BASE	39.33	3.496	5.500	117	0.000	-3.902	0.0	-11.3
DRAWDOWN	POND3	BASE	39.50	3.496	5.500	117	0.000	-3.902	0.0	-11.4
DRAWDOWN	POND3	BASE	39.67	3.496	5.500	117	0.000	-3.902	0.0	-11.4
DRAWDOWN	POND3	BASE	39.83	3.496	5.500	117	0.000	-3.902	0.0	-11.5
DRAWDOWN	POND3	BASE	40.00	3.496	5.500	117	0.000	-3.902	0.0	-11.5
DRAWDOWN	POND3	BASE	40.17	3.496	5.500	117	0.000	-3.902	0.0	-11.6
DRAWDOWN	POND3	BASE	40.33	3.496	5.500	117	0.000	-3.902	0.0	-11.6
DRAWDOWN	POND3	BASE	40.50	3.496	5.500	117	0.000	-3.902	0.0	-11.7
DRAWDOWN	POND3	BASE	40.67	3.496	5.500	117	0.000	-3.902	0.0	-11.7
DRAWDOWN	POND3	BASE	40.83	3.496	5.500	117	0.000	-3.902	0.0	-11.8
DRAWDOWN	POND3	BASE	41.00	3.496	5.500	117	0.000	-3.902	0.0	-11.8
DRAWDOWN	POND3	BASE	41.17	3.496	5.500	117	0.000	-3.902	0.0	-11.9
DRAWDOWN	POND3	BASE	41.33	3.496	5.500	117	0.000	-3.902	0.0	-11.9
DRAWDOWN	POND3	BASE	41.50	3.496	5.500	117	0.000	-3.902	0.0	-12.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	41.67	3.496	5.500	117	0.000	-3.902	0.0	-12.1
DRAWDOWN	POND3	BASE	41.83	3.496	5.500	117	0.000	-3.902	0.0	-12.1
DRAWDOWN	POND3	BASE	42.00	3.496	5.500	117	0.000	-3.902	0.0	-12.2
DRAWDOWN	POND3	BASE	42.17	3.496	5.500	117	0.000	-3.902	0.0	-12.2
DRAWDOWN	POND3	BASE	42.33	3.496	5.500	117	0.000	-3.902	0.0	-12.3
DRAWDOWN	POND3	BASE	42.50	3.496	5.500	117	0.000	-3.902	0.0	-12.3
DRAWDOWN	POND3	BASE	42.67	3.496	5.500	117	0.000	-3.902	0.0	-12.4
DRAWDOWN	POND3	BASE	42.83	3.496	5.500	117	0.000	-3.902	0.0	-12.4
DRAWDOWN	POND3	BASE	43.00	3.496	5.500	117	0.000	-3.902	0.0	-12.5
DRAWDOWN	POND3	BASE	43.17	3.496	5.500	117	0.000	-3.902	0.0	-12.5
DRAWDOWN	POND3	BASE	43.33	3.496	5.500	117	0.000	-3.902	0.0	-12.6
DRAWDOWN	POND3	BASE	43.50	3.496	5.500	117	0.000	-3.902	0.0	-12.6
DRAWDOWN	POND3	BASE	43.67	3.496	5.500	117	0.000	-3.902	0.0	-12.7
DRAWDOWN	POND3	BASE	43.83	3.496	5.500	117	0.000	-3.902	0.0	-12.8
DRAWDOWN	POND3	BASE	44.00	3.496	5.500	117	0.000	-3.902	0.0	-12.8
DRAWDOWN	POND3	BASE	44.17	3.496	5.500	117	0.000	-3.902	0.0	-12.9
DRAWDOWN	POND3	BASE	44.33	3.496	5.500	117	0.000	-3.902	0.0	-12.9
DRAWDOWN	POND3	BASE	44.50	3.496	5.500	117	0.000	-3.902	0.0	-13.0
DRAWDOWN	POND3	BASE	44.67	3.496	5.500	117	0.000	-3.902	0.0	-13.0
DRAWDOWN	POND3	BASE	44.83	3.496	5.500	117	0.000	-3.902	0.0	-13.1
DRAWDOWN	POND3	BASE	45.00	3.496	5.500	117	0.000	-3.902	0.0	-13.1
DRAWDOWN	POND3	BASE	45.17	3.496	5.500	117	0.000	-3.902	0.0	-13.2
DRAWDOWN	POND3	BASE	45.33	3.496	5.500	117	0.000	-3.902	0.0	-13.2
DRAWDOWN	POND3	BASE	45.50	3.496	5.500	117	0.000	-3.902	0.0	-13.3
DRAWDOWN	POND3	BASE	45.67	3.496	5.500	117	0.000	-3.902	0.0	-13.3
DRAWDOWN	POND3	BASE	45.83	3.496	5.500	117	0.000	-3.902	0.0	-13.4
DRAWDOWN	POND3	BASE	46.00	3.496	5.500	117	0.000	-3.902	0.0	-13.5
DRAWDOWN	POND3	BASE	46.17	3.496	5.500	117	0.000	-3.902	0.0	-13.5
DRAWDOWN	POND3	BASE	46.33	3.496	5.500	117	0.000	-3.902	0.0	-13.6
DRAWDOWN	POND3	BASE	46.50	3.496	5.500	117	0.000	-3.902	0.0	-13.6
DRAWDOWN	POND3	BASE	46.67	3.496	5.500	117	0.000	-3.902	0.0	-13.7
DRAWDOWN	POND3	BASE	46.83	3.496	5.500	117	0.000	-3.902	0.0	-13.7
DRAWDOWN	POND3	BASE	47.00	3.496	5.500	117	0.000	-3.902	0.0	-13.8
DRAWDOWN	POND3	BASE	47.17	3.496	5.500	117	0.000	-3.902	0.0	-13.8
DRAWDOWN	POND3	BASE	47.33	3.496	5.500	117	0.000	-3.902	0.0	-13.9
DRAWDOWN	POND3	BASE	47.50	3.496	5.500	117	0.000	-3.902	0.0	-13.9
DRAWDOWN	POND3	BASE	47.67	3.496	5.500	117	0.000	-3.902	0.0	-14.0
DRAWDOWN	POND3	BASE	47.83	3.496	5.500	117	0.000	-3.902	0.0	-14.0
DRAWDOWN	POND3	BASE	48.00	3.496	5.500	117	0.000	-3.902	0.0	-14.1
DRAWDOWN	POND3	BASE	48.17	3.496	5.500	117	0.000	-3.902	0.0	-14.1
DRAWDOWN	POND3	BASE	48.33	3.496	5.500	117	0.000	-3.902	0.0	-14.2
DRAWDOWN	POND3	BASE	48.50	3.496	5.500	117	0.000	-3.902	0.0	-14.3
DRAWDOWN	POND3	BASE	48.67	3.496	5.500	117	0.000	-3.902	0.0	-14.3
DRAWDOWN	POND3	BASE	48.83	3.496	5.500	117	0.000	-3.902	0.0	-14.4
DRAWDOWN	POND3	BASE	49.00	3.496	5.500	117	0.000	-3.902	0.0	-14.4
DRAWDOWN	POND3	BASE	49.17	3.496	5.500	117	0.000	-3.902	0.0	-14.5
DRAWDOWN	POND3	BASE	49.33	3.496	5.500	117	0.000	-3.902	0.0	-14.5
DRAWDOWN	POND3	BASE	49.50	3.496	5.500	117	0.000	-3.902	0.0	-14.6
DRAWDOWN	POND3	BASE	49.67	3.496	5.500	117	0.000	-3.902	0.0	-14.6
DRAWDOWN	POND3	BASE	49.83	3.496	5.500	117	0.000	-3.902	0.0	-14.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	50.00	3.496	5.500	117	0.000	-3.902	0.0	-14.7
DRAWDOWN	POND3	BASE	50.17	3.496	5.500	117	0.000	-3.902	0.0	-14.8
DRAWDOWN	POND3	BASE	50.33	3.496	5.500	117	0.000	-3.902	0.0	-14.8
DRAWDOWN	POND3	BASE	50.50	3.496	5.500	117	0.000	-3.902	0.0	-14.9
DRAWDOWN	POND3	BASE	50.67	3.496	5.500	117	0.000	-3.902	0.0	-15.0
DRAWDOWN	POND3	BASE	50.83	3.496	5.500	117	0.000	-3.902	0.0	-15.0
DRAWDOWN	POND3	BASE	51.00	3.496	5.500	117	0.000	-3.902	0.0	-15.1
DRAWDOWN	POND3	BASE	51.17	3.496	5.500	117	0.000	-3.902	0.0	-15.1
DRAWDOWN	POND3	BASE	51.33	3.496	5.500	117	0.000	-3.902	0.0	-15.2
DRAWDOWN	POND3	BASE	51.50	3.496	5.500	117	0.000	-3.902	0.0	-15.2
DRAWDOWN	POND3	BASE	51.67	3.496	5.500	117	0.000	-3.902	0.0	-15.3
DRAWDOWN	POND3	BASE	51.83	3.496	5.500	117	0.000	-3.902	0.0	-15.3
DRAWDOWN	POND3	BASE	52.00	3.496	5.500	117	0.000	-3.902	0.0	-15.4
DRAWDOWN	POND3	BASE	52.17	3.496	5.500	117	0.000	-3.902	0.0	-15.4
DRAWDOWN	POND3	BASE	52.33	3.496	5.500	117	0.000	-3.902	0.0	-15.5
DRAWDOWN	POND3	BASE	52.50	3.496	5.500	117	0.000	-3.902	0.0	-15.5
DRAWDOWN	POND3	BASE	52.67	3.496	5.500	117	0.000	-3.902	0.0	-15.6
DRAWDOWN	POND3	BASE	52.83	3.496	5.500	117	0.000	-3.902	0.0	-15.7
DRAWDOWN	POND3	BASE	53.00	3.496	5.500	117	0.000	-3.902	0.0	-15.7
DRAWDOWN	POND3	BASE	53.17	3.496	5.500	117	0.000	-3.902	0.0	-15.8
DRAWDOWN	POND3	BASE	53.33	3.496	5.500	117	0.000	-3.902	0.0	-15.8
DRAWDOWN	POND3	BASE	53.50	3.496	5.500	117	0.000	-3.902	0.0	-15.9
DRAWDOWN	POND3	BASE	53.67	3.496	5.500	117	0.000	-3.902	0.0	-15.9
DRAWDOWN	POND3	BASE	53.83	3.496	5.500	117	0.000	-3.902	0.0	-16.0
DRAWDOWN	POND3	BASE	54.00	3.496	5.500	117	0.000	-3.902	0.0	-16.0
DRAWDOWN	POND3	BASE	54.17	3.496	5.500	117	0.000	-3.902	0.0	-16.1
DRAWDOWN	POND3	BASE	54.33	3.496	5.500	117	0.000	-3.902	0.0	-16.1
DRAWDOWN	POND3	BASE	54.50	3.496	5.500	117	0.000	-3.902	0.0	-16.2
DRAWDOWN	POND3	BASE	54.67	3.496	5.500	117	0.000	-3.902	0.0	-16.2
DRAWDOWN	POND3	BASE	54.83	3.496	5.500	117	0.000	-3.902	0.0	-16.3
DRAWDOWN	POND3	BASE	55.00	3.496	5.500	117	0.000	-3.902	0.0	-16.4
DRAWDOWN	POND3	BASE	55.17	3.496	5.500	117	0.000	-3.902	0.0	-16.4
DRAWDOWN	POND3	BASE	55.33	3.496	5.500	117	0.000	-3.902	0.0	-16.5
DRAWDOWN	POND3	BASE	55.50	3.496	5.500	117	0.000	-3.902	0.0	-16.5
DRAWDOWN	POND3	BASE	55.67	3.496	5.500	117	0.000	-3.902	0.0	-16.6
DRAWDOWN	POND3	BASE	55.83	3.496	5.500	117	0.000	-3.902	0.0	-16.6
DRAWDOWN	POND3	BASE	56.00	3.496	5.500	117	0.000	-3.902	0.0	-16.7
DRAWDOWN	POND3	BASE	56.17	3.496	5.500	117	0.000	-3.902	0.0	-16.7
DRAWDOWN	POND3	BASE	56.33	3.496	5.500	117	0.000	-3.902	0.0	-16.8
DRAWDOWN	POND3	BASE	56.50	3.496	5.500	117	0.000	-3.902	0.0	-16.8
DRAWDOWN	POND3	BASE	56.67	3.496	5.500	117	0.000	-3.902	0.0	-16.9
DRAWDOWN	POND3	BASE	56.83	3.496	5.500	117	0.000	-3.902	0.0	-16.9
DRAWDOWN	POND3	BASE	57.00	3.496	5.500	117	0.000	-3.902	0.0	-17.0
DRAWDOWN	POND3	BASE	57.17	3.496	5.500	117	0.000	-3.902	0.0	-17.1
DRAWDOWN	POND3	BASE	57.33	3.496	5.500	117	0.000	-3.902	0.0	-17.1
DRAWDOWN	POND3	BASE	57.50	3.496	5.500	117	0.000	-3.902	0.0	-17.2
DRAWDOWN	POND3	BASE	57.67	3.496	5.500	117	0.000	-3.902	0.0	-17.2
DRAWDOWN	POND3	BASE	57.83	3.496	5.500	117	0.000	-3.902	0.0	-17.3
DRAWDOWN	POND3	BASE	58.00	3.496	5.500	117	0.000	-3.902	0.0	-17.3
DRAWDOWN	POND3	BASE	58.17	3.496	5.500	117	0.000	-3.902	0.0	-17.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	58.33	3.496	5.500	117	0.000	-3.902	0.0	-17.4
DRAWDOWN	POND3	BASE	58.50	3.496	5.500	117	0.000	-3.902	0.0	-17.5
DRAWDOWN	POND3	BASE	58.67	3.496	5.500	117	0.000	-3.902	0.0	-17.5
DRAWDOWN	POND3	BASE	58.83	3.496	5.500	117	0.000	-3.902	0.0	-17.6
DRAWDOWN	POND3	BASE	59.00	3.496	5.500	117	0.000	-3.902	0.0	-17.6
DRAWDOWN	POND3	BASE	59.17	3.496	5.500	117	0.000	-3.902	0.0	-17.7
DRAWDOWN	POND3	BASE	59.33	3.496	5.500	117	0.000	-3.902	0.0	-17.8
DRAWDOWN	POND3	BASE	59.50	3.496	5.500	117	0.000	-3.902	0.0	-17.8
DRAWDOWN	POND3	BASE	59.67	3.496	5.500	117	0.000	-3.902	0.0	-17.9
DRAWDOWN	POND3	BASE	59.83	3.496	5.500	117	0.000	-3.902	0.0	-17.9
DRAWDOWN	POND3	BASE	60.00	3.496	5.500	117	0.000	-3.902	0.0	-18.0
DRAWDOWN	POND3	BASE	60.17	3.496	5.500	117	0.000	-3.902	0.0	-18.0
DRAWDOWN	POND3	BASE	60.33	3.496	5.500	117	0.000	-3.902	0.0	-18.1
DRAWDOWN	POND3	BASE	60.50	3.496	5.500	117	0.000	-3.902	0.0	-18.1
DRAWDOWN	POND3	BASE	60.67	3.496	5.500	117	0.000	-3.902	0.0	-18.2
DRAWDOWN	POND3	BASE	60.83	3.496	5.500	117	0.000	-3.902	0.0	-18.2
DRAWDOWN	POND3	BASE	61.00	3.496	5.500	117	0.000	-3.902	0.0	-18.3
DRAWDOWN	POND3	BASE	61.17	3.496	5.500	117	0.000	-3.902	0.0	-18.3
DRAWDOWN	POND3	BASE	61.33	3.496	5.500	117	0.000	-3.902	0.0	-18.4
DRAWDOWN	POND3	BASE	61.50	3.496	5.500	117	0.000	-3.902	0.0	-18.4
DRAWDOWN	POND3	BASE	61.67	3.496	5.500	117	0.000	-3.902	0.0	-18.5
DRAWDOWN	POND3	BASE	61.83	3.496	5.500	117	0.000	-3.902	0.0	-18.6
DRAWDOWN	POND3	BASE	62.00	3.496	5.500	117	0.000	-3.902	0.0	-18.6
DRAWDOWN	POND3	BASE	62.17	3.496	5.500	117	0.000	-3.902	0.0	-18.7
DRAWDOWN	POND3	BASE	62.33	3.496	5.500	117	0.000	-3.902	0.0	-18.7
DRAWDOWN	POND3	BASE	62.50	3.496	5.500	117	0.000	-3.902	0.0	-18.8
DRAWDOWN	POND3	BASE	62.67	3.496	5.500	117	0.000	-3.902	0.0	-18.8
DRAWDOWN	POND3	BASE	62.83	3.496	5.500	117	0.000	-3.902	0.0	-18.9
DRAWDOWN	POND3	BASE	63.00	3.496	5.500	117	0.000	-3.902	0.0	-18.9
DRAWDOWN	POND3	BASE	63.17	3.496	5.500	117	0.000	-3.902	0.0	-19.0
DRAWDOWN	POND3	BASE	63.33	3.496	5.500	117	0.000	-3.902	0.0	-19.0
DRAWDOWN	POND3	BASE	63.50	3.496	5.500	117	0.000	-3.902	0.0	-19.1
DRAWDOWN	POND3	BASE	63.67	3.496	5.500	117	0.000	-3.902	0.0	-19.1
DRAWDOWN	POND3	BASE	63.83	3.496	5.500	117	0.000	-3.902	0.0	-19.2
DRAWDOWN	POND3	BASE	64.00	3.496	5.500	117	0.000	-3.902	0.0	-19.3
DRAWDOWN	POND3	BASE	64.17	3.496	5.500	117	0.000	-3.902	0.0	-19.3
DRAWDOWN	POND3	BASE	64.33	3.496	5.500	117	0.000	-3.902	0.0	-19.4
DRAWDOWN	POND3	BASE	64.50	3.496	5.500	117	0.000	-3.902	0.0	-19.4
DRAWDOWN	POND3	BASE	64.67	3.496	5.500	117	0.000	-3.902	0.0	-19.5
DRAWDOWN	POND3	BASE	64.83	3.496	5.500	117	0.000	-3.902	0.0	-19.5
DRAWDOWN	POND3	BASE	65.00	3.496	5.500	117	0.000	-3.902	0.0	-19.6
DRAWDOWN	POND3	BASE	65.17	3.496	5.500	117	0.000	-3.902	0.0	-19.6
DRAWDOWN	POND3	BASE	65.33	3.496	5.500	117	0.000	-3.902	0.0	-19.7
DRAWDOWN	POND3	BASE	65.50	3.496	5.500	117	0.000	-3.902	0.0	-19.7
DRAWDOWN	POND3	BASE	65.67	3.496	5.500	117	0.000	-3.902	0.0	-19.8
DRAWDOWN	POND3	BASE	65.83	3.496	5.500	117	0.000	-3.902	0.0	-19.8
DRAWDOWN	POND3	BASE	66.00	3.496	5.500	117	0.000	-3.902	0.0	-19.9
DRAWDOWN	POND3	BASE	66.17	3.496	5.500	117	0.000	-3.902	0.0	-20.0
DRAWDOWN	POND3	BASE	66.33	3.496	5.500	117	0.000	-3.902	0.0	-20.0
DRAWDOWN	POND3	BASE	66.50	3.496	5.500	117	0.000	-3.902	0.0	-20.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND3	BASE	66.67	3.496	5.500	117	0.000	-3.902	0.0	-20.1
DRAWDOWN	POND3	BASE	66.83	3.496	5.500	117	0.000	-3.902	0.0	-20.2
DRAWDOWN	POND3	BASE	67.00	3.496	5.500	117	0.000	-3.902	0.0	-20.2
DRAWDOWN	POND3	BASE	67.17	3.496	5.500	117	0.000	-3.902	0.0	-20.3
DRAWDOWN	POND3	BASE	67.33	3.496	5.500	117	0.000	-3.902	0.0	-20.3
DRAWDOWN	POND3	BASE	67.50	3.496	5.500	117	0.000	-3.902	0.0	-20.4
DRAWDOWN	POND3	BASE	67.67	3.496	5.500	117	0.000	-3.902	0.0	-20.4
DRAWDOWN	POND3	BASE	67.83	3.496	5.500	117	0.000	-3.902	0.0	-20.5
DRAWDOWN	POND3	BASE	68.00	3.496	5.500	117	0.000	-3.902	0.0	-20.5
DRAWDOWN	POND3	BASE	68.17	3.496	5.500	117	0.000	-3.902	0.0	-20.6
DRAWDOWN	POND3	BASE	68.33	3.496	5.500	117	0.000	-3.902	0.0	-20.7
DRAWDOWN	POND3	BASE	68.50	3.496	5.500	117	0.000	-3.902	0.0	-20.7
DRAWDOWN	POND3	BASE	68.67	3.496	5.500	117	0.000	-3.902	0.0	-20.8
DRAWDOWN	POND3	BASE	68.83	3.496	5.500	117	0.000	-3.902	0.0	-20.8
DRAWDOWN	POND3	BASE	69.00	3.496	5.500	117	0.000	-3.902	0.0	-20.9
DRAWDOWN	POND3	BASE	69.17	3.496	5.500	117	0.000	-3.902	0.0	-20.9
DRAWDOWN	POND3	BASE	69.33	3.496	5.500	117	0.000	-3.902	0.0	-21.0
DRAWDOWN	POND3	BASE	69.50	3.496	5.500	117	0.000	-3.902	0.0	-21.0
DRAWDOWN	POND3	BASE	69.67	3.496	5.500	117	0.000	-3.902	0.0	-21.1
DRAWDOWN	POND3	BASE	69.83	3.496	5.500	117	0.000	-3.902	0.0	-21.1
DRAWDOWN	POND3	BASE	70.00	3.496	5.500	117	0.000	-3.902	0.0	-21.2
DRAWDOWN	POND3	BASE	70.17	3.496	5.500	117	0.000	-3.902	0.0	-21.2
DRAWDOWN	POND3	BASE	70.33	3.496	5.500	117	0.000	-3.902	0.0	-21.3
DRAWDOWN	POND3	BASE	70.50	3.496	5.500	117	0.000	-3.902	0.0	-21.4
DRAWDOWN	POND3	BASE	70.67	3.496	5.500	117	0.000	-3.902	0.0	-21.4
DRAWDOWN	POND3	BASE	70.83	3.496	5.500	117	0.000	-3.902	0.0	-21.5
DRAWDOWN	POND3	BASE	71.00	3.496	5.500	117	0.000	-3.902	0.0	-21.5
DRAWDOWN	POND3	BASE	71.17	3.496	5.500	117	0.000	-3.902	0.0	-21.6
DRAWDOWN	POND3	BASE	71.33	3.496	5.500	117	0.000	-3.902	0.0	-21.6
DRAWDOWN	POND3	BASE	71.50	3.496	5.500	117	0.000	-3.902	0.0	-21.7
DRAWDOWN	POND3	BASE	71.67	3.496	5.500	117	0.000	-3.902	0.0	-21.7
DRAWDOWN	POND3	BASE	71.83	3.496	5.500	117	0.000	-3.902	0.0	-21.8
DRAWDOWN	POND3	BASE	72.00	3.496	5.500	117	0.000	-3.902	0.0	-21.8
DRAWDOWN	POND3	BASE	72.00	3.496	5.500	117	0.000	-3.902	0.0	-21.8
DRAWDOWN	POND4	BASE	0.00	4.600	5.500	5256	0.000	0.000	0.0	0.0
DRAWDOWN	POND4	BASE	0.17	4.577	5.500	5227	0.000	4.813	0.0	0.0
DRAWDOWN	POND4	BASE	0.33	4.570	5.500	5218	0.000	4.770	0.0	0.1
DRAWDOWN	POND4	BASE	0.50	4.564	5.500	5211	0.000	4.765	0.0	0.2
DRAWDOWN	POND4	BASE	0.67	4.559	5.500	5204	0.000	4.764	0.0	0.2
DRAWDOWN	POND4	BASE	0.83	4.554	5.500	5198	0.000	4.764	0.0	0.3
DRAWDOWN	POND4	BASE	1.00	4.549	5.500	5191	0.000	4.764	0.0	0.4
DRAWDOWN	POND4	BASE	1.17	4.544	5.500	5185	0.000	4.764	0.0	0.4
DRAWDOWN	POND4	BASE	1.33	4.539	5.500	5178	0.000	4.764	0.0	0.5
DRAWDOWN	POND4	BASE	1.50	4.534	5.500	5172	0.000	4.764	0.0	0.6
DRAWDOWN	POND4	BASE	1.67	4.528	5.500	5165	0.000	4.764	0.0	0.6
DRAWDOWN	POND4	BASE	1.83	4.523	5.500	5159	0.000	4.764	0.0	0.7
DRAWDOWN	POND4	BASE	2.00	4.518	5.500	5152	0.000	4.764	0.0	0.8
DRAWDOWN	POND4	BASE	2.17	4.513	5.500	5146	0.000	4.764	0.0	0.8
DRAWDOWN	POND4	BASE	2.33	4.508	5.500	5140	0.000	4.764	0.0	0.9

Laird Point - Phase 2
Basin 2B
DD Node Time Series

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	2.50	4.503	5.500	5133	0.000	4.764	0.0	1.0
DRAWDOWN	POND4	BASE	2.67	4.498	5.500	5127	0.000	4.764	0.0	1.0
DRAWDOWN	POND4	BASE	2.83	4.493	5.500	5121	0.000	4.763	0.0	1.1
DRAWDOWN	POND4	BASE	3.00	4.488	5.500	5115	0.000	4.763	0.0	1.1
DRAWDOWN	POND4	BASE	3.17	4.483	5.500	5109	0.000	4.763	0.0	1.2
DRAWDOWN	POND4	BASE	3.33	4.478	5.500	5103	0.000	4.763	0.0	1.3
DRAWDOWN	POND4	BASE	3.50	4.472	5.500	5097	0.000	4.763	0.0	1.3
DRAWDOWN	POND4	BASE	3.67	4.467	5.500	5091	0.000	4.763	0.0	1.4
DRAWDOWN	POND4	BASE	3.83	4.462	5.500	5085	0.000	4.763	0.0	1.5
DRAWDOWN	POND4	BASE	4.00	4.457	5.500	5079	0.000	4.763	0.0	1.5
DRAWDOWN	POND4	BASE	4.17	4.452	5.500	5072	0.000	4.763	0.0	1.6
DRAWDOWN	POND4	BASE	4.33	4.447	5.500	5066	0.000	4.763	0.0	1.7
DRAWDOWN	POND4	BASE	4.50	4.442	5.500	5060	0.000	4.763	0.0	1.7
DRAWDOWN	POND4	BASE	4.67	4.437	5.500	5054	0.000	4.763	0.0	1.8
DRAWDOWN	POND4	BASE	4.83	4.432	5.500	5048	0.000	4.763	0.0	1.9
DRAWDOWN	POND4	BASE	5.00	4.427	5.500	5042	0.000	4.763	0.0	1.9
DRAWDOWN	POND4	BASE	5.17	4.422	5.500	5037	0.000	4.762	0.0	2.0
DRAWDOWN	POND4	BASE	5.33	4.417	5.500	5031	0.000	4.762	0.0	2.1
DRAWDOWN	POND4	BASE	5.50	4.412	5.500	5025	0.000	4.762	0.0	2.1
DRAWDOWN	POND4	BASE	5.67	4.407	5.500	5019	0.000	4.762	0.0	2.2
DRAWDOWN	POND4	BASE	5.83	4.402	5.500	5013	0.000	4.762	0.0	2.3
DRAWDOWN	POND4	BASE	6.00	4.397	5.500	5007	0.000	4.762	0.0	2.3
DRAWDOWN	POND4	BASE	6.17	4.392	5.500	5001	0.000	4.762	0.0	2.4
DRAWDOWN	POND4	BASE	6.33	4.387	5.500	4995	0.000	4.762	0.0	2.5
DRAWDOWN	POND4	BASE	6.50	4.382	5.500	4989	0.000	4.762	0.0	2.5
DRAWDOWN	POND4	BASE	6.67	4.377	5.500	4983	0.000	4.762	0.0	2.6
DRAWDOWN	POND4	BASE	6.83	4.372	5.500	4977	0.000	4.762	0.0	2.7
DRAWDOWN	POND4	BASE	7.00	4.367	5.500	4971	0.000	4.762	0.0	2.7
DRAWDOWN	POND4	BASE	7.17	4.362	5.500	4965	0.000	4.762	0.0	2.8
DRAWDOWN	POND4	BASE	7.33	4.357	5.500	4959	0.000	4.762	0.0	2.9
DRAWDOWN	POND4	BASE	7.50	4.353	5.500	4953	0.000	4.761	0.0	2.9
DRAWDOWN	POND4	BASE	7.67	4.348	5.500	4948	0.000	4.761	0.0	3.0
DRAWDOWN	POND4	BASE	7.83	4.343	5.500	4942	0.000	4.761	0.0	3.1
DRAWDOWN	POND4	BASE	8.00	4.338	5.500	4936	0.000	4.761	0.0	3.1
DRAWDOWN	POND4	BASE	8.17	4.333	5.500	4930	0.000	4.761	0.0	3.2
DRAWDOWN	POND4	BASE	8.33	4.328	5.500	4924	0.000	4.761	0.0	3.2
DRAWDOWN	POND4	BASE	8.50	4.323	5.500	4918	0.000	4.761	0.0	3.3
DRAWDOWN	POND4	BASE	8.67	4.318	5.500	4912	0.000	4.761	0.0	3.4
DRAWDOWN	POND4	BASE	8.83	4.313	5.500	4907	0.000	4.761	0.0	3.4
DRAWDOWN	POND4	BASE	9.00	4.308	5.500	4901	0.000	4.761	0.0	3.5
DRAWDOWN	POND4	BASE	9.17	4.304	5.500	4895	0.000	4.761	0.0	3.6
DRAWDOWN	POND4	BASE	9.33	4.299	5.500	4889	0.000	4.761	0.0	3.6
DRAWDOWN	POND4	BASE	9.50	4.294	5.500	4883	0.000	4.761	0.0	3.7
DRAWDOWN	POND4	BASE	9.67	4.289	5.500	4878	0.000	4.761	0.0	3.8
DRAWDOWN	POND4	BASE	9.83	4.284	5.500	4872	0.000	4.761	0.0	3.8
DRAWDOWN	POND4	BASE	10.00	4.279	5.500	4866	0.000	4.760	0.0	3.9
DRAWDOWN	POND4	BASE	10.17	4.274	5.500	4860	0.000	4.760	0.0	4.0
DRAWDOWN	POND4	BASE	10.33	4.270	5.500	4854	0.000	4.760	0.0	4.0
DRAWDOWN	POND4	BASE	10.50	4.265	5.500	4849	0.000	4.760	0.0	4.1
DRAWDOWN	POND4	BASE	10.67	4.260	5.500	4843	0.000	4.760	0.0	4.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	10.83	4.255	5.500	4837	0.000	4.760	0.0	4.2
DRAWDOWN	POND4	BASE	11.00	4.250	5.500	4831	0.000	4.760	0.0	4.3
DRAWDOWN	POND4	BASE	11.17	4.245	5.500	4826	0.000	4.760	0.0	4.4
DRAWDOWN	POND4	BASE	11.33	4.241	5.500	4820	0.000	4.760	0.0	4.4
DRAWDOWN	POND4	BASE	11.50	4.236	5.500	4814	0.000	4.760	0.0	4.5
DRAWDOWN	POND4	BASE	11.67	4.231	5.500	4808	0.000	4.760	0.0	4.6
DRAWDOWN	POND4	BASE	11.83	4.226	5.500	4803	0.000	4.760	0.0	4.6
DRAWDOWN	POND4	BASE	12.00	4.221	5.500	4797	0.000	4.760	0.0	4.7
DRAWDOWN	POND4	BASE	12.17	4.217	5.500	4791	0.000	4.760	0.0	4.8
DRAWDOWN	POND4	BASE	12.33	4.212	5.500	4786	0.000	4.759	0.0	4.8
DRAWDOWN	POND4	BASE	12.50	4.207	5.500	4780	0.000	4.759	0.0	4.9
DRAWDOWN	POND4	BASE	12.67	4.202	5.500	4774	0.000	4.759	0.0	5.0
DRAWDOWN	POND4	BASE	12.83	4.198	5.500	4769	0.000	4.759	0.0	5.0
DRAWDOWN	POND4	BASE	13.00	4.193	5.500	4763	0.000	4.759	0.0	5.1
DRAWDOWN	POND4	BASE	13.17	4.188	5.500	4757	0.000	4.759	0.0	5.1
DRAWDOWN	POND4	BASE	13.33	4.183	5.500	4752	0.000	4.759	0.0	5.2
DRAWDOWN	POND4	BASE	13.50	4.179	5.500	4746	0.000	4.759	0.0	5.3
DRAWDOWN	POND4	BASE	13.67	4.174	5.500	4740	0.000	4.759	0.0	5.3
DRAWDOWN	POND4	BASE	13.83	4.169	5.500	4735	0.000	4.759	0.0	5.4
DRAWDOWN	POND4	BASE	14.00	4.165	5.500	4729	0.000	4.759	0.0	5.5
DRAWDOWN	POND4	BASE	14.17	4.160	5.500	4724	0.000	4.759	0.0	5.5
DRAWDOWN	POND4	BASE	14.33	4.155	5.500	4718	0.000	4.759	0.0	5.6
DRAWDOWN	POND4	BASE	14.50	4.151	5.500	4712	0.000	4.759	0.0	5.7
DRAWDOWN	POND4	BASE	14.67	4.146	5.500	4707	0.000	4.759	0.0	5.7
DRAWDOWN	POND4	BASE	14.83	4.141	5.500	4701	0.000	4.758	0.0	5.8
DRAWDOWN	POND4	BASE	15.00	4.137	5.500	4696	0.000	4.758	0.0	5.9
DRAWDOWN	POND4	BASE	15.17	4.132	5.500	4690	0.000	4.758	0.0	5.9
DRAWDOWN	POND4	BASE	15.33	4.127	5.500	4685	0.000	4.758	0.0	6.0
DRAWDOWN	POND4	BASE	15.50	4.123	5.500	4679	0.000	4.758	0.0	6.1
DRAWDOWN	POND4	BASE	15.67	4.118	5.500	4673	0.000	4.758	0.0	6.1
DRAWDOWN	POND4	BASE	15.83	4.113	5.500	4668	0.000	4.758	0.0	6.2
DRAWDOWN	POND4	BASE	16.00	4.109	5.500	4662	0.000	4.758	0.0	6.3
DRAWDOWN	POND4	BASE	16.17	4.104	5.500	4657	0.000	4.758	0.0	6.3
DRAWDOWN	POND4	BASE	16.33	4.099	5.500	4651	0.000	4.758	0.0	6.4
DRAWDOWN	POND4	BASE	16.50	4.095	5.500	4646	0.000	4.758	0.0	6.5
DRAWDOWN	POND4	BASE	16.67	4.090	5.500	4640	0.000	4.758	0.0	6.5
DRAWDOWN	POND4	BASE	16.83	4.086	5.500	4635	0.000	4.758	0.0	6.6
DRAWDOWN	POND4	BASE	17.00	4.081	5.500	4629	0.000	4.758	0.0	6.7
DRAWDOWN	POND4	BASE	17.17	4.076	5.500	4624	0.000	4.758	0.0	6.7
DRAWDOWN	POND4	BASE	17.33	4.072	5.500	4618	0.000	4.758	0.0	6.8
DRAWDOWN	POND4	BASE	17.50	4.067	5.500	4613	0.000	4.757	0.0	6.9
DRAWDOWN	POND4	BASE	17.67	4.063	5.500	4608	0.000	4.757	0.0	6.9
DRAWDOWN	POND4	BASE	17.83	4.058	5.500	4602	0.000	4.757	0.0	7.0
DRAWDOWN	POND4	BASE	18.00	4.054	5.500	4597	0.000	4.757	0.0	7.1
DRAWDOWN	POND4	BASE	18.17	4.049	5.500	4591	0.000	4.757	0.0	7.1
DRAWDOWN	POND4	BASE	18.33	4.045	5.500	4586	0.000	4.757	0.0	7.2
DRAWDOWN	POND4	BASE	18.50	4.040	5.500	4580	0.000	4.757	0.0	7.2
DRAWDOWN	POND4	BASE	18.67	4.035	5.500	4575	0.000	4.757	0.0	7.3
DRAWDOWN	POND4	BASE	18.83	4.031	5.500	4570	0.000	4.757	0.0	7.4
DRAWDOWN	POND4	BASE	19.00	4.026	5.500	4564	0.000	4.757	0.0	7.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	19.17	4.022	5.500	4559	0.000	4.757	0.0	7.5
DRAWDOWN	POND4	BASE	19.33	4.017	5.500	4553	0.000	4.757	0.0	7.6
DRAWDOWN	POND4	BASE	19.50	4.013	5.500	4548	0.000	4.757	0.0	7.6
DRAWDOWN	POND4	BASE	19.67	4.008	5.500	4543	0.000	4.757	0.0	7.7
DRAWDOWN	POND4	BASE	19.83	4.004	5.500	4537	0.000	4.757	0.0	7.8
DRAWDOWN	POND4	BASE	20.00	3.999	5.500	4282	0.000	4.758	0.0	7.8
DRAWDOWN	POND4	BASE	20.17	3.994	5.500	1674	0.000	4.783	0.0	7.9
DRAWDOWN	POND4	BASE	20.33	3.989	5.500	115	0.000	5.589	0.0	8.0
DRAWDOWN	POND4	BASE	20.50	3.979	5.500	115	0.000	5.589	0.0	8.1
DRAWDOWN	POND4	BASE	20.67	3.969	5.500	115	0.000	5.589	0.0	8.1
DRAWDOWN	POND4	BASE	20.83	3.959	5.500	115	0.000	5.589	0.0	8.2
DRAWDOWN	POND4	BASE	21.00	3.949	5.500	115	0.000	5.589	0.0	8.3
DRAWDOWN	POND4	BASE	21.17	3.939	5.500	115	0.000	5.589	0.0	8.4
DRAWDOWN	POND4	BASE	21.33	3.929	5.500	115	0.000	5.589	0.0	8.4
DRAWDOWN	POND4	BASE	21.50	3.920	5.500	115	0.000	5.589	0.0	8.5
DRAWDOWN	POND4	BASE	21.67	3.910	5.500	115	0.000	5.589	0.0	8.6
DRAWDOWN	POND4	BASE	21.83	3.900	5.500	115	0.000	5.589	0.0	8.7
DRAWDOWN	POND4	BASE	22.00	3.890	5.500	115	0.000	5.589	0.0	8.7
DRAWDOWN	POND4	BASE	22.17	3.881	5.500	115	0.000	5.589	0.0	8.8
DRAWDOWN	POND4	BASE	22.33	3.871	5.500	115	0.000	5.589	0.0	8.9
DRAWDOWN	POND4	BASE	22.50	3.861	5.500	115	0.000	5.589	0.0	9.0
DRAWDOWN	POND4	BASE	22.67	3.852	5.500	115	0.000	5.589	0.0	9.1
DRAWDOWN	POND4	BASE	22.83	3.842	5.500	115	0.000	5.589	0.0	9.1
DRAWDOWN	POND4	BASE	23.00	3.833	5.500	115	0.000	5.589	0.0	9.2
DRAWDOWN	POND4	BASE	23.17	3.823	5.500	115	0.000	5.589	0.0	9.3
DRAWDOWN	POND4	BASE	23.33	3.814	5.500	115	0.000	5.589	0.0	9.4
DRAWDOWN	POND4	BASE	23.50	3.804	5.500	115	0.000	5.589	0.0	9.4
DRAWDOWN	POND4	BASE	23.67	3.795	5.500	115	0.000	5.589	0.0	9.5
DRAWDOWN	POND4	BASE	23.83	3.786	5.500	115	0.000	5.589	0.0	9.6
DRAWDOWN	POND4	BASE	24.00	3.776	5.500	115	0.000	5.589	0.0	9.7
DRAWDOWN	POND4	BASE	24.17	3.767	5.500	115	0.000	5.589	0.0	9.7
DRAWDOWN	POND4	BASE	24.33	3.758	5.500	115	0.000	5.589	0.0	9.8
DRAWDOWN	POND4	BASE	24.50	3.749	5.500	115	0.000	5.589	0.0	9.9
DRAWDOWN	POND4	BASE	24.67	3.740	5.500	115	0.000	5.589	0.0	10.0
DRAWDOWN	POND4	BASE	24.83	3.731	5.500	115	0.000	5.589	0.0	10.1
DRAWDOWN	POND4	BASE	25.00	3.721	5.500	115	0.000	5.589	0.0	10.1
DRAWDOWN	POND4	BASE	25.17	3.712	5.500	115	0.000	5.589	0.0	10.2
DRAWDOWN	POND4	BASE	25.33	3.703	5.500	115	0.000	5.589	0.0	10.3
DRAWDOWN	POND4	BASE	25.50	3.694	5.500	115	0.000	5.589	0.0	10.4
DRAWDOWN	POND4	BASE	25.67	3.686	5.500	115	0.000	5.589	0.0	10.4
DRAWDOWN	POND4	BASE	25.83	3.677	5.500	115	0.000	5.589	0.0	10.5
DRAWDOWN	POND4	BASE	26.00	3.668	5.500	115	0.000	5.589	0.0	10.6
DRAWDOWN	POND4	BASE	26.17	3.659	5.500	115	0.000	5.589	0.0	10.7
DRAWDOWN	POND4	BASE	26.33	3.650	5.500	115	0.000	5.589	0.0	10.7
DRAWDOWN	POND4	BASE	26.50	3.641	5.500	115	0.000	5.589	0.0	10.8
DRAWDOWN	POND4	BASE	26.67	3.633	5.500	115	0.000	5.589	0.0	10.9
DRAWDOWN	POND4	BASE	26.83	3.624	5.500	115	0.000	5.589	0.0	11.0
DRAWDOWN	POND4	BASE	27.00	3.615	5.500	115	0.000	5.589	0.0	11.1
DRAWDOWN	POND4	BASE	27.17	3.607	5.500	115	0.000	5.589	0.0	11.1
DRAWDOWN	POND4	BASE	27.33	3.598	5.500	115	0.000	5.589	0.0	11.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	27.50	3.590	5.500	115	0.000	5.589	0.0	11.3
DRAWDOWN	POND4	BASE	27.67	3.581	5.500	115	0.000	5.589	0.0	11.4
DRAWDOWN	POND4	BASE	27.83	3.573	5.500	115	0.000	5.589	0.0	11.4
DRAWDOWN	POND4	BASE	28.00	3.564	5.500	115	0.000	5.589	0.0	11.5
DRAWDOWN	POND4	BASE	28.17	3.556	5.500	115	0.000	5.589	0.0	11.6
DRAWDOWN	POND4	BASE	28.33	3.548	5.500	115	0.000	5.589	0.0	11.7
DRAWDOWN	POND4	BASE	28.50	3.540	5.500	115	0.000	5.588	0.0	11.7
DRAWDOWN	POND4	BASE	28.67	3.533	5.500	115	0.000	5.588	0.0	11.8
DRAWDOWN	POND4	BASE	28.83	3.527	5.500	115	0.000	5.588	0.0	11.9
DRAWDOWN	POND4	BASE	29.00	3.522	5.500	115	0.000	5.588	0.0	12.0
DRAWDOWN	POND4	BASE	29.17	3.517	5.500	115	0.000	5.588	0.0	12.1
DRAWDOWN	POND4	BASE	29.33	3.513	5.500	115	0.000	5.588	0.0	12.1
DRAWDOWN	POND4	BASE	29.50	3.510	5.500	115	0.000	5.588	0.0	12.2
DRAWDOWN	POND4	BASE	29.67	3.507	5.500	115	0.000	5.587	0.0	12.3
DRAWDOWN	POND4	BASE	29.83	3.505	5.500	115	0.000	5.587	0.0	12.4
DRAWDOWN	POND4	BASE	30.00	3.503	5.500	115	0.000	5.587	0.0	12.4
DRAWDOWN	POND4	BASE	30.17	3.503	5.500	115	0.000	5.587	0.0	12.5
DRAWDOWN	POND4	BASE	30.33	3.502	5.500	115	0.000	5.587	0.0	12.6
DRAWDOWN	POND4	BASE	30.50	3.502	5.500	115	0.000	5.587	0.0	12.7
DRAWDOWN	POND4	BASE	30.67	3.502	5.500	115	0.000	5.587	0.0	12.7
DRAWDOWN	POND4	BASE	30.83	3.502	5.500	115	0.000	5.587	0.0	12.8
DRAWDOWN	POND4	BASE	31.00	3.502	5.500	115	0.000	5.587	0.0	12.9
DRAWDOWN	POND4	BASE	31.17	3.502	5.500	115	0.000	5.587	0.0	13.0
DRAWDOWN	POND4	BASE	31.33	3.502	5.500	115	0.000	5.587	0.0	13.1
DRAWDOWN	POND4	BASE	31.50	3.502	5.500	115	0.000	5.587	0.0	13.1
DRAWDOWN	POND4	BASE	31.67	3.502	5.500	115	0.000	5.587	0.0	13.2
DRAWDOWN	POND4	BASE	31.83	3.502	5.500	115	0.000	5.587	0.0	13.3
DRAWDOWN	POND4	BASE	32.00	3.502	5.500	115	0.000	5.587	0.0	13.4
DRAWDOWN	POND4	BASE	32.17	3.502	5.500	115	0.000	5.587	0.0	13.4
DRAWDOWN	POND4	BASE	32.33	3.502	5.500	115	0.000	5.587	0.0	13.5
DRAWDOWN	POND4	BASE	32.50	3.502	5.500	115	0.000	5.587	0.0	13.6
DRAWDOWN	POND4	BASE	32.67	3.502	5.500	115	0.000	5.587	0.0	13.7
DRAWDOWN	POND4	BASE	32.83	3.502	5.500	115	0.000	5.587	0.0	13.7
DRAWDOWN	POND4	BASE	33.00	3.502	5.500	115	0.000	5.587	0.0	13.8
DRAWDOWN	POND4	BASE	33.17	3.502	5.500	115	0.000	5.587	0.0	13.9
DRAWDOWN	POND4	BASE	33.33	3.502	5.500	115	0.000	5.587	0.0	14.0
DRAWDOWN	POND4	BASE	33.50	3.502	5.500	115	0.000	5.587	0.0	14.1
DRAWDOWN	POND4	BASE	33.67	3.502	5.500	115	0.000	5.587	0.0	14.1
DRAWDOWN	POND4	BASE	33.83	3.502	5.500	115	0.000	5.587	0.0	14.2
DRAWDOWN	POND4	BASE	34.00	3.502	5.500	115	0.000	5.587	0.0	14.3
DRAWDOWN	POND4	BASE	34.17	3.502	5.500	115	0.000	5.587	0.0	14.4
DRAWDOWN	POND4	BASE	34.33	3.502	5.500	115	0.000	5.587	0.0	14.4
DRAWDOWN	POND4	BASE	34.50	3.502	5.500	115	0.000	5.587	0.0	14.5
DRAWDOWN	POND4	BASE	34.67	3.502	5.500	115	0.000	5.587	0.0	14.6
DRAWDOWN	POND4	BASE	34.83	3.502	5.500	115	0.000	5.587	0.0	14.7
DRAWDOWN	POND4	BASE	35.00	3.502	5.500	115	0.000	5.587	0.0	14.7
DRAWDOWN	POND4	BASE	35.17	3.502	5.500	115	0.000	5.587	0.0	14.8
DRAWDOWN	POND4	BASE	35.33	3.502	5.500	115	0.000	5.587	0.0	14.9
DRAWDOWN	POND4	BASE	35.50	3.502	5.500	115	0.000	5.587	0.0	15.0
DRAWDOWN	POND4	BASE	35.67	3.502	5.500	115	0.000	5.587	0.0	15.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	35.83	3.502	5.500	115	0.000	5.587	0.0	15.1
DRAWDOWN	POND4	BASE	36.00	3.502	5.500	115	0.000	5.587	0.0	15.2
DRAWDOWN	POND4	BASE	36.17	3.502	5.500	115	0.000	5.587	0.0	15.3
DRAWDOWN	POND4	BASE	36.33	3.502	5.500	115	0.000	5.587	0.0	15.4
DRAWDOWN	POND4	BASE	36.50	3.502	5.500	115	0.000	5.587	0.0	15.4
DRAWDOWN	POND4	BASE	36.67	3.502	5.500	115	0.000	5.587	0.0	15.5
DRAWDOWN	POND4	BASE	36.83	3.502	5.500	115	0.000	5.587	0.0	15.6
DRAWDOWN	POND4	BASE	37.00	3.502	5.500	115	0.000	5.587	0.0	15.7
DRAWDOWN	POND4	BASE	37.17	3.502	5.500	115	0.000	5.587	0.0	15.7
DRAWDOWN	POND4	BASE	37.33	3.502	5.500	115	0.000	5.587	0.0	15.8
DRAWDOWN	POND4	BASE	37.50	3.502	5.500	115	0.000	5.587	0.0	15.9
DRAWDOWN	POND4	BASE	37.67	3.502	5.500	115	0.000	5.587	0.0	16.0
DRAWDOWN	POND4	BASE	37.83	3.502	5.500	115	0.000	5.587	0.0	16.1
DRAWDOWN	POND4	BASE	38.00	3.502	5.500	115	0.000	5.587	0.0	16.1
DRAWDOWN	POND4	BASE	38.17	3.502	5.500	115	0.000	5.587	0.0	16.2
DRAWDOWN	POND4	BASE	38.33	3.502	5.500	115	0.000	5.587	0.0	16.3
DRAWDOWN	POND4	BASE	38.50	3.502	5.500	115	0.000	5.587	0.0	16.4
DRAWDOWN	POND4	BASE	38.67	3.502	5.500	115	0.000	5.587	0.0	16.4
DRAWDOWN	POND4	BASE	38.83	3.502	5.500	115	0.000	5.587	0.0	16.5
DRAWDOWN	POND4	BASE	39.00	3.502	5.500	115	0.000	5.587	0.0	16.6
DRAWDOWN	POND4	BASE	39.17	3.502	5.500	115	0.000	5.587	0.0	16.7
DRAWDOWN	POND4	BASE	39.33	3.502	5.500	115	0.000	5.587	0.0	16.7
DRAWDOWN	POND4	BASE	39.50	3.502	5.500	115	0.000	5.587	0.0	16.8
DRAWDOWN	POND4	BASE	39.67	3.502	5.500	115	0.000	5.587	0.0	16.9
DRAWDOWN	POND4	BASE	39.83	3.502	5.500	115	0.000	5.587	0.0	17.0
DRAWDOWN	POND4	BASE	40.00	3.502	5.500	115	0.000	5.587	0.0	17.1
DRAWDOWN	POND4	BASE	40.17	3.502	5.500	115	0.000	5.587	0.0	17.1
DRAWDOWN	POND4	BASE	40.33	3.502	5.500	115	0.000	5.587	0.0	17.2
DRAWDOWN	POND4	BASE	40.50	3.502	5.500	115	0.000	5.587	0.0	17.3
DRAWDOWN	POND4	BASE	40.67	3.502	5.500	115	0.000	5.587	0.0	17.4
DRAWDOWN	POND4	BASE	40.83	3.502	5.500	115	0.000	5.587	0.0	17.4
DRAWDOWN	POND4	BASE	41.00	3.502	5.500	115	0.000	5.587	0.0	17.5
DRAWDOWN	POND4	BASE	41.17	3.502	5.500	115	0.000	5.587	0.0	17.6
DRAWDOWN	POND4	BASE	41.33	3.502	5.500	115	0.000	5.587	0.0	17.7
DRAWDOWN	POND4	BASE	41.50	3.502	5.500	115	0.000	5.587	0.0	17.7
DRAWDOWN	POND4	BASE	41.67	3.502	5.500	115	0.000	5.587	0.0	17.8
DRAWDOWN	POND4	BASE	41.83	3.502	5.500	115	0.000	5.587	0.0	17.9
DRAWDOWN	POND4	BASE	42.00	3.502	5.500	115	0.000	5.587	0.0	18.0
DRAWDOWN	POND4	BASE	42.17	3.502	5.500	115	0.000	5.587	0.0	18.1
DRAWDOWN	POND4	BASE	42.33	3.502	5.500	115	0.000	5.587	0.0	18.1
DRAWDOWN	POND4	BASE	42.50	3.502	5.500	115	0.000	5.587	0.0	18.2
DRAWDOWN	POND4	BASE	42.67	3.502	5.500	115	0.000	5.587	0.0	18.3
DRAWDOWN	POND4	BASE	42.83	3.502	5.500	115	0.000	5.587	0.0	18.4
DRAWDOWN	POND4	BASE	43.00	3.502	5.500	115	0.000	5.587	0.0	18.4
DRAWDOWN	POND4	BASE	43.17	3.502	5.500	115	0.000	5.587	0.0	18.5
DRAWDOWN	POND4	BASE	43.33	3.502	5.500	115	0.000	5.587	0.0	18.6
DRAWDOWN	POND4	BASE	43.50	3.502	5.500	115	0.000	5.587	0.0	18.7
DRAWDOWN	POND4	BASE	43.67	3.502	5.500	115	0.000	5.587	0.0	18.7
DRAWDOWN	POND4	BASE	43.83	3.502	5.500	115	0.000	5.587	0.0	18.8
DRAWDOWN	POND4	BASE	44.00	3.502	5.500	115	0.000	5.587	0.0	18.9

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	44.17	3.502	5.500	115	0.000	5.587	0.0	19.0
DRAWDOWN	POND4	BASE	44.33	3.502	5.500	115	0.000	5.587	0.0	19.1
DRAWDOWN	POND4	BASE	44.50	3.502	5.500	115	0.000	5.587	0.0	19.1
DRAWDOWN	POND4	BASE	44.67	3.502	5.500	115	0.000	5.587	0.0	19.2
DRAWDOWN	POND4	BASE	44.83	3.502	5.500	115	0.000	5.587	0.0	19.3
DRAWDOWN	POND4	BASE	45.00	3.502	5.500	115	0.000	5.587	0.0	19.4
DRAWDOWN	POND4	BASE	45.17	3.502	5.500	115	0.000	5.587	0.0	19.4
DRAWDOWN	POND4	BASE	45.33	3.502	5.500	115	0.000	5.587	0.0	19.5
DRAWDOWN	POND4	BASE	45.50	3.502	5.500	115	0.000	5.587	0.0	19.6
DRAWDOWN	POND4	BASE	45.67	3.502	5.500	115	0.000	5.587	0.0	19.7
DRAWDOWN	POND4	BASE	45.83	3.502	5.500	115	0.000	5.587	0.0	19.7
DRAWDOWN	POND4	BASE	46.00	3.502	5.500	115	0.000	5.587	0.0	19.8
DRAWDOWN	POND4	BASE	46.17	3.502	5.500	115	0.000	5.587	0.0	19.9
DRAWDOWN	POND4	BASE	46.33	3.502	5.500	115	0.000	5.587	0.0	20.0
DRAWDOWN	POND4	BASE	46.50	3.502	5.500	115	0.000	5.587	0.0	20.1
DRAWDOWN	POND4	BASE	46.67	3.502	5.500	115	0.000	5.587	0.0	20.1
DRAWDOWN	POND4	BASE	46.83	3.502	5.500	115	0.000	5.587	0.0	20.2
DRAWDOWN	POND4	BASE	47.00	3.502	5.500	115	0.000	5.587	0.0	20.3
DRAWDOWN	POND4	BASE	47.17	3.502	5.500	115	0.000	5.587	0.0	20.4
DRAWDOWN	POND4	BASE	47.33	3.502	5.500	115	0.000	5.587	0.0	20.4
DRAWDOWN	POND4	BASE	47.50	3.502	5.500	115	0.000	5.587	0.0	20.5
DRAWDOWN	POND4	BASE	47.67	3.502	5.500	115	0.000	5.587	0.0	20.6
DRAWDOWN	POND4	BASE	47.83	3.502	5.500	115	0.000	5.587	0.0	20.7
DRAWDOWN	POND4	BASE	48.00	3.502	5.500	115	0.000	5.587	0.0	20.7
DRAWDOWN	POND4	BASE	48.17	3.502	5.500	115	0.000	5.587	0.0	20.8
DRAWDOWN	POND4	BASE	48.33	3.502	5.500	115	0.000	5.587	0.0	20.9
DRAWDOWN	POND4	BASE	48.50	3.502	5.500	115	0.000	5.587	0.0	21.0
DRAWDOWN	POND4	BASE	48.67	3.502	5.500	115	0.000	5.587	0.0	21.1
DRAWDOWN	POND4	BASE	48.83	3.502	5.500	115	0.000	5.587	0.0	21.1
DRAWDOWN	POND4	BASE	49.00	3.502	5.500	115	0.000	5.587	0.0	21.2
DRAWDOWN	POND4	BASE	49.17	3.502	5.500	115	0.000	5.587	0.0	21.3
DRAWDOWN	POND4	BASE	49.33	3.502	5.500	115	0.000	5.587	0.0	21.4
DRAWDOWN	POND4	BASE	49.50	3.502	5.500	115	0.000	5.587	0.0	21.4
DRAWDOWN	POND4	BASE	49.67	3.502	5.500	115	0.000	5.587	0.0	21.5
DRAWDOWN	POND4	BASE	49.83	3.502	5.500	115	0.000	5.587	0.0	21.6
DRAWDOWN	POND4	BASE	50.00	3.502	5.500	115	0.000	5.587	0.0	21.7
DRAWDOWN	POND4	BASE	50.17	3.502	5.500	115	0.000	5.587	0.0	21.7
DRAWDOWN	POND4	BASE	50.33	3.502	5.500	115	0.000	5.587	0.0	21.8
DRAWDOWN	POND4	BASE	50.50	3.502	5.500	115	0.000	5.587	0.0	21.9
DRAWDOWN	POND4	BASE	50.67	3.502	5.500	115	0.000	5.587	0.0	22.0
DRAWDOWN	POND4	BASE	50.83	3.502	5.500	115	0.000	5.587	0.0	22.1
DRAWDOWN	POND4	BASE	51.00	3.502	5.500	115	0.000	5.587	0.0	22.1
DRAWDOWN	POND4	BASE	51.17	3.502	5.500	115	0.000	5.587	0.0	22.2
DRAWDOWN	POND4	BASE	51.33	3.502	5.500	115	0.000	5.587	0.0	22.3
DRAWDOWN	POND4	BASE	51.50	3.502	5.500	115	0.000	5.587	0.0	22.4
DRAWDOWN	POND4	BASE	51.67	3.502	5.500	115	0.000	5.587	0.0	22.4
DRAWDOWN	POND4	BASE	51.83	3.502	5.500	115	0.000	5.587	0.0	22.5
DRAWDOWN	POND4	BASE	52.00	3.502	5.500	115	0.000	5.587	0.0	22.6
DRAWDOWN	POND4	BASE	52.17	3.502	5.500	115	0.000	5.587	0.0	22.7
DRAWDOWN	POND4	BASE	52.33	3.502	5.500	115	0.000	5.587	0.0	22.8

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	52.50	3.502	5.500	115	0.000	5.587	0.0	22.8
DRAWDOWN	POND4	BASE	52.67	3.502	5.500	115	0.000	5.587	0.0	22.9
DRAWDOWN	POND4	BASE	52.83	3.502	5.500	115	0.000	5.587	0.0	23.0
DRAWDOWN	POND4	BASE	53.00	3.502	5.500	115	0.000	5.587	0.0	23.1
DRAWDOWN	POND4	BASE	53.17	3.502	5.500	115	0.000	5.587	0.0	23.1
DRAWDOWN	POND4	BASE	53.33	3.502	5.500	115	0.000	5.587	0.0	23.2
DRAWDOWN	POND4	BASE	53.50	3.502	5.500	115	0.000	5.587	0.0	23.3
DRAWDOWN	POND4	BASE	53.67	3.502	5.500	115	0.000	5.587	0.0	23.4
DRAWDOWN	POND4	BASE	53.83	3.502	5.500	115	0.000	5.587	0.0	23.4
DRAWDOWN	POND4	BASE	54.00	3.502	5.500	115	0.000	5.587	0.0	23.5
DRAWDOWN	POND4	BASE	54.17	3.502	5.500	115	0.000	5.587	0.0	23.6
DRAWDOWN	POND4	BASE	54.33	3.502	5.500	115	0.000	5.587	0.0	23.7
DRAWDOWN	POND4	BASE	54.50	3.502	5.500	115	0.000	5.587	0.0	23.8
DRAWDOWN	POND4	BASE	54.67	3.502	5.500	115	0.000	5.587	0.0	23.8
DRAWDOWN	POND4	BASE	54.83	3.502	5.500	115	0.000	5.587	0.0	23.9
DRAWDOWN	POND4	BASE	55.00	3.502	5.500	115	0.000	5.587	0.0	24.0
DRAWDOWN	POND4	BASE	55.17	3.502	5.500	115	0.000	5.587	0.0	24.1
DRAWDOWN	POND4	BASE	55.33	3.502	5.500	115	0.000	5.587	0.0	24.1
DRAWDOWN	POND4	BASE	55.50	3.502	5.500	115	0.000	5.587	0.0	24.2
DRAWDOWN	POND4	BASE	55.67	3.502	5.500	115	0.000	5.587	0.0	24.3
DRAWDOWN	POND4	BASE	55.83	3.502	5.500	115	0.000	5.587	0.0	24.4
DRAWDOWN	POND4	BASE	56.00	3.502	5.500	115	0.000	5.587	0.0	24.4
DRAWDOWN	POND4	BASE	56.17	3.502	5.500	115	0.000	5.587	0.0	24.5
DRAWDOWN	POND4	BASE	56.33	3.502	5.500	115	0.000	5.587	0.0	24.6
DRAWDOWN	POND4	BASE	56.50	3.502	5.500	115	0.000	5.587	0.0	24.7
DRAWDOWN	POND4	BASE	56.67	3.502	5.500	115	0.000	5.587	0.0	24.8
DRAWDOWN	POND4	BASE	56.83	3.502	5.500	115	0.000	5.587	0.0	24.8
DRAWDOWN	POND4	BASE	57.00	3.502	5.500	115	0.000	5.587	0.0	24.9
DRAWDOWN	POND4	BASE	57.17	3.502	5.500	115	0.000	5.587	0.0	25.0
DRAWDOWN	POND4	BASE	57.33	3.502	5.500	115	0.000	5.587	0.0	25.1
DRAWDOWN	POND4	BASE	57.50	3.502	5.500	115	0.000	5.587	0.0	25.1
DRAWDOWN	POND4	BASE	57.67	3.502	5.500	115	0.000	5.587	0.0	25.2
DRAWDOWN	POND4	BASE	57.83	3.502	5.500	115	0.000	5.587	0.0	25.3
DRAWDOWN	POND4	BASE	58.00	3.502	5.500	115	0.000	5.587	0.0	25.4
DRAWDOWN	POND4	BASE	58.17	3.502	5.500	115	0.000	5.587	0.0	25.4
DRAWDOWN	POND4	BASE	58.33	3.502	5.500	115	0.000	5.587	0.0	25.5
DRAWDOWN	POND4	BASE	58.50	3.502	5.500	115	0.000	5.587	0.0	25.6
DRAWDOWN	POND4	BASE	58.67	3.502	5.500	115	0.000	5.587	0.0	25.7
DRAWDOWN	POND4	BASE	58.83	3.502	5.500	115	0.000	5.587	0.0	25.8
DRAWDOWN	POND4	BASE	59.00	3.502	5.500	115	0.000	5.587	0.0	25.8
DRAWDOWN	POND4	BASE	59.17	3.502	5.500	115	0.000	5.587	0.0	25.9
DRAWDOWN	POND4	BASE	59.33	3.502	5.500	115	0.000	5.587	0.0	26.0
DRAWDOWN	POND4	BASE	59.50	3.502	5.500	115	0.000	5.587	0.0	26.1
DRAWDOWN	POND4	BASE	59.67	3.502	5.500	115	0.000	5.587	0.0	26.1
DRAWDOWN	POND4	BASE	59.83	3.502	5.500	115	0.000	5.587	0.0	26.2
DRAWDOWN	POND4	BASE	60.00	3.502	5.500	115	0.000	5.587	0.0	26.3
DRAWDOWN	POND4	BASE	60.17	3.502	5.500	115	0.000	5.587	0.0	26.4
DRAWDOWN	POND4	BASE	60.33	3.502	5.500	115	0.000	5.587	0.0	26.4
DRAWDOWN	POND4	BASE	60.50	3.502	5.500	115	0.000	5.587	0.0	26.5
DRAWDOWN	POND4	BASE	60.67	3.502	5.500	115	0.000	5.587	0.0	26.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	60.83	3.502	5.500	115	0.000	5.587	0.0	26.7
DRAWDOWN	POND4	BASE	61.00	3.502	5.500	115	0.000	5.587	0.0	26.8
DRAWDOWN	POND4	BASE	61.17	3.502	5.500	115	0.000	5.587	0.0	26.8
DRAWDOWN	POND4	BASE	61.33	3.502	5.500	115	0.000	5.587	0.0	26.9
DRAWDOWN	POND4	BASE	61.50	3.502	5.500	115	0.000	5.587	0.0	27.0
DRAWDOWN	POND4	BASE	61.67	3.502	5.500	115	0.000	5.587	0.0	27.1
DRAWDOWN	POND4	BASE	61.83	3.502	5.500	115	0.000	5.587	0.0	27.1
DRAWDOWN	POND4	BASE	62.00	3.502	5.500	115	0.000	5.587	0.0	27.2
DRAWDOWN	POND4	BASE	62.17	3.502	5.500	115	0.000	5.587	0.0	27.3
DRAWDOWN	POND4	BASE	62.33	3.502	5.500	115	0.000	5.587	0.0	27.4
DRAWDOWN	POND4	BASE	62.50	3.502	5.500	115	0.000	5.587	0.0	27.4
DRAWDOWN	POND4	BASE	62.67	3.502	5.500	115	0.000	5.587	0.0	27.5
DRAWDOWN	POND4	BASE	62.83	3.502	5.500	115	0.000	5.587	0.0	27.6
DRAWDOWN	POND4	BASE	63.00	3.502	5.500	115	0.000	5.587	0.0	27.7
DRAWDOWN	POND4	BASE	63.17	3.502	5.500	115	0.000	5.587	0.0	27.8
DRAWDOWN	POND4	BASE	63.33	3.502	5.500	115	0.000	5.587	0.0	27.8
DRAWDOWN	POND4	BASE	63.50	3.502	5.500	115	0.000	5.587	0.0	27.9
DRAWDOWN	POND4	BASE	63.67	3.502	5.500	115	0.000	5.587	0.0	28.0
DRAWDOWN	POND4	BASE	63.83	3.502	5.500	115	0.000	5.587	0.0	28.1
DRAWDOWN	POND4	BASE	64.00	3.502	5.500	115	0.000	5.587	0.0	28.1
DRAWDOWN	POND4	BASE	64.17	3.502	5.500	115	0.000	5.587	0.0	28.2
DRAWDOWN	POND4	BASE	64.33	3.502	5.500	115	0.000	5.587	0.0	28.3
DRAWDOWN	POND4	BASE	64.50	3.502	5.500	115	0.000	5.587	0.0	28.4
DRAWDOWN	POND4	BASE	64.67	3.502	5.500	115	0.000	5.587	0.0	28.4
DRAWDOWN	POND4	BASE	64.83	3.502	5.500	115	0.000	5.587	0.0	28.5
DRAWDOWN	POND4	BASE	65.00	3.502	5.500	115	0.000	5.587	0.0	28.6
DRAWDOWN	POND4	BASE	65.17	3.502	5.500	115	0.000	5.587	0.0	28.7
DRAWDOWN	POND4	BASE	65.33	3.502	5.500	115	0.000	5.587	0.0	28.8
DRAWDOWN	POND4	BASE	65.50	3.502	5.500	115	0.000	5.587	0.0	28.8
DRAWDOWN	POND4	BASE	65.67	3.502	5.500	115	0.000	5.587	0.0	28.9
DRAWDOWN	POND4	BASE	65.83	3.502	5.500	115	0.000	5.587	0.0	29.0
DRAWDOWN	POND4	BASE	66.00	3.502	5.500	115	0.000	5.587	0.0	29.1
DRAWDOWN	POND4	BASE	66.17	3.502	5.500	115	0.000	5.587	0.0	29.1
DRAWDOWN	POND4	BASE	66.33	3.502	5.500	115	0.000	5.587	0.0	29.2
DRAWDOWN	POND4	BASE	66.50	3.502	5.500	115	0.000	5.587	0.0	29.3
DRAWDOWN	POND4	BASE	66.67	3.502	5.500	115	0.000	5.587	0.0	29.4
DRAWDOWN	POND4	BASE	66.83	3.502	5.500	115	0.000	5.587	0.0	29.4
DRAWDOWN	POND4	BASE	67.00	3.502	5.500	115	0.000	5.587	0.0	29.5
DRAWDOWN	POND4	BASE	67.17	3.502	5.500	115	0.000	5.587	0.0	29.6
DRAWDOWN	POND4	BASE	67.33	3.502	5.500	115	0.000	5.587	0.0	29.7
DRAWDOWN	POND4	BASE	67.50	3.502	5.500	115	0.000	5.587	0.0	29.8
DRAWDOWN	POND4	BASE	67.67	3.502	5.500	115	0.000	5.587	0.0	29.8
DRAWDOWN	POND4	BASE	67.83	3.502	5.500	115	0.000	5.587	0.0	29.9
DRAWDOWN	POND4	BASE	68.00	3.502	5.500	115	0.000	5.587	0.0	30.0
DRAWDOWN	POND4	BASE	68.17	3.502	5.500	115	0.000	5.587	0.0	30.1
DRAWDOWN	POND4	BASE	68.33	3.502	5.500	115	0.000	5.587	0.0	30.1
DRAWDOWN	POND4	BASE	68.50	3.502	5.500	115	0.000	5.587	0.0	30.2
DRAWDOWN	POND4	BASE	68.67	3.502	5.500	115	0.000	5.587	0.0	30.3
DRAWDOWN	POND4	BASE	68.83	3.502	5.500	115	0.000	5.587	0.0	30.4
DRAWDOWN	POND4	BASE	69.00	3.502	5.500	115	0.000	5.587	0.0	30.4

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND4	BASE	69.17	3.502	5.500	115	0.000	5.587	0.0	30.5
DRAWDOWN	POND4	BASE	69.33	3.502	5.500	115	0.000	5.587	0.0	30.6
DRAWDOWN	POND4	BASE	69.50	3.502	5.500	115	0.000	5.587	0.0	30.7
DRAWDOWN	POND4	BASE	69.67	3.502	5.500	115	0.000	5.587	0.0	30.8
DRAWDOWN	POND4	BASE	69.83	3.502	5.500	115	0.000	5.587	0.0	30.8
DRAWDOWN	POND4	BASE	70.00	3.502	5.500	115	0.000	5.587	0.0	30.9
DRAWDOWN	POND4	BASE	70.17	3.502	5.500	115	0.000	5.587	0.0	31.0
DRAWDOWN	POND4	BASE	70.33	3.502	5.500	115	0.000	5.587	0.0	31.1
DRAWDOWN	POND4	BASE	70.50	3.502	5.500	115	0.000	5.587	0.0	31.1
DRAWDOWN	POND4	BASE	70.67	3.502	5.500	115	0.000	5.587	0.0	31.2
DRAWDOWN	POND4	BASE	70.83	3.502	5.500	115	0.000	5.587	0.0	31.3
DRAWDOWN	POND4	BASE	71.00	3.502	5.500	115	0.000	5.587	0.0	31.4
DRAWDOWN	POND4	BASE	71.17	3.502	5.500	115	0.000	5.587	0.0	31.4
DRAWDOWN	POND4	BASE	71.33	3.502	5.500	115	0.000	5.587	0.0	31.5
DRAWDOWN	POND4	BASE	71.50	3.502	5.500	115	0.000	5.587	0.0	31.6
DRAWDOWN	POND4	BASE	71.67	3.502	5.500	115	0.000	5.587	0.0	31.7
DRAWDOWN	POND4	BASE	71.83	3.502	5.500	115	0.000	5.587	0.0	31.8
DRAWDOWN	POND4	BASE	72.00	3.502	5.500	115	0.000	5.587	0.0	31.8
DRAWDOWN	POND4	BASE	72.00	3.502	5.500	115	0.000	5.587	0.0	31.8
DRAWDOWN	POND5	BASE	0.00	4.600	5.500	3726	0.000	0.000	0.0	0.0
DRAWDOWN	POND5	BASE	0.17	4.576	5.500	3701	5.431	-4.915	0.0	-0.0
DRAWDOWN	POND5	BASE	0.33	4.569	5.500	3694	5.323	-5.054	0.1	-0.1
DRAWDOWN	POND5	BASE	0.50	4.564	5.500	3689	5.310	-5.070	0.2	-0.2
DRAWDOWN	POND5	BASE	0.67	4.559	5.500	3683	5.309	-5.072	0.3	-0.2
DRAWDOWN	POND5	BASE	0.83	4.554	5.500	3678	5.309	-5.073	0.3	-0.3
DRAWDOWN	POND5	BASE	1.00	4.548	5.500	3673	5.309	-5.073	0.4	-0.4
DRAWDOWN	POND5	BASE	1.17	4.543	5.500	3667	5.309	-5.074	0.5	-0.5
DRAWDOWN	POND5	BASE	1.33	4.538	5.500	3662	5.308	-5.074	0.6	-0.5
DRAWDOWN	POND5	BASE	1.50	4.533	5.500	3656	5.308	-5.075	0.6	-0.6
DRAWDOWN	POND5	BASE	1.67	4.528	5.500	3651	5.308	-5.075	0.7	-0.7
DRAWDOWN	POND5	BASE	1.83	4.523	5.500	3646	5.308	-5.076	0.8	-0.7
DRAWDOWN	POND5	BASE	2.00	4.518	5.500	3640	5.308	-5.076	0.8	-0.8
DRAWDOWN	POND5	BASE	2.17	4.513	5.500	3635	5.308	-5.077	0.9	-0.9
DRAWDOWN	POND5	BASE	2.33	4.507	5.500	3630	5.308	-5.077	1.0	-0.9
DRAWDOWN	POND5	BASE	2.50	4.502	5.500	3624	5.308	-5.077	1.1	-1.0
DRAWDOWN	POND5	BASE	2.67	4.497	5.500	3619	5.308	-5.078	1.1	-1.1
DRAWDOWN	POND5	BASE	2.83	4.492	5.500	3614	5.307	-5.078	1.2	-1.2
DRAWDOWN	POND5	BASE	3.00	4.487	5.500	3609	5.307	-5.079	1.3	-1.2
DRAWDOWN	POND5	BASE	3.17	4.482	5.500	3604	5.307	-5.079	1.4	-1.3
DRAWDOWN	POND5	BASE	3.33	4.477	5.500	3599	5.307	-5.080	1.4	-1.4
DRAWDOWN	POND5	BASE	3.50	4.472	5.500	3594	5.307	-5.080	1.5	-1.4
DRAWDOWN	POND5	BASE	3.67	4.467	5.500	3590	5.307	-5.080	1.6	-1.5
DRAWDOWN	POND5	BASE	3.83	4.462	5.500	3585	5.307	-5.081	1.6	-1.6
DRAWDOWN	POND5	BASE	4.00	4.457	5.500	3580	5.307	-5.081	1.7	-1.6
DRAWDOWN	POND5	BASE	4.17	4.452	5.500	3575	5.307	-5.082	1.8	-1.7
DRAWDOWN	POND5	BASE	4.33	4.447	5.500	3570	5.307	-5.082	1.9	-1.8
DRAWDOWN	POND5	BASE	4.50	4.442	5.500	3565	5.307	-5.083	1.9	-1.9
DRAWDOWN	POND5	BASE	4.67	4.437	5.500	3560	5.306	-5.083	2.0	-1.9
DRAWDOWN	POND5	BASE	4.83	4.432	5.500	3555	5.306	-5.083	2.1	-2.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	5.00	4.427	5.500	3550	5.306	-5.084	2.2	-2.1
DRAWDOWN	POND5	BASE	5.17	4.422	5.500	3545	5.306	-5.084	2.2	-2.1
DRAWDOWN	POND5	BASE	5.33	4.417	5.500	3541	5.306	-5.085	2.3	-2.2
DRAWDOWN	POND5	BASE	5.50	4.412	5.500	3536	5.306	-5.085	2.4	-2.3
DRAWDOWN	POND5	BASE	5.67	4.407	5.500	3531	5.306	-5.086	2.5	-2.3
DRAWDOWN	POND5	BASE	5.83	4.402	5.500	3526	5.306	-5.086	2.5	-2.4
DRAWDOWN	POND5	BASE	6.00	4.397	5.500	3521	5.306	-5.087	2.6	-2.5
DRAWDOWN	POND5	BASE	6.17	4.392	5.500	3516	5.306	-5.087	2.7	-2.6
DRAWDOWN	POND5	BASE	6.33	4.387	5.500	3511	5.306	-5.087	2.7	-2.6
DRAWDOWN	POND5	BASE	6.50	4.382	5.500	3506	5.305	-5.088	2.8	-2.7
DRAWDOWN	POND5	BASE	6.67	4.377	5.500	3502	5.305	-5.088	2.9	-2.8
DRAWDOWN	POND5	BASE	6.83	4.372	5.500	3497	5.305	-5.089	3.0	-2.8
DRAWDOWN	POND5	BASE	7.00	4.367	5.500	3492	5.305	-5.089	3.0	-2.9
DRAWDOWN	POND5	BASE	7.17	4.362	5.500	3487	5.305	-5.090	3.1	-3.0
DRAWDOWN	POND5	BASE	7.33	4.357	5.500	3482	5.305	-5.090	3.2	-3.0
DRAWDOWN	POND5	BASE	7.50	4.352	5.500	3478	5.305	-5.090	3.3	-3.1
DRAWDOWN	POND5	BASE	7.67	4.347	5.500	3473	5.305	-5.091	3.3	-3.2
DRAWDOWN	POND5	BASE	7.83	4.342	5.500	3468	5.305	-5.091	3.4	-3.3
DRAWDOWN	POND5	BASE	8.00	4.337	5.500	3463	5.305	-5.092	3.5	-3.3
DRAWDOWN	POND5	BASE	8.17	4.332	5.500	3458	5.305	-5.092	3.5	-3.4
DRAWDOWN	POND5	BASE	8.33	4.327	5.500	3454	5.304	-5.093	3.6	-3.5
DRAWDOWN	POND5	BASE	8.50	4.322	5.500	3449	5.304	-5.093	3.7	-3.5
DRAWDOWN	POND5	BASE	8.67	4.318	5.500	3444	5.304	-5.093	3.8	-3.6
DRAWDOWN	POND5	BASE	8.83	4.313	5.500	3439	5.304	-5.094	3.8	-3.7
DRAWDOWN	POND5	BASE	9.00	4.308	5.500	3434	5.304	-5.094	3.9	-3.7
DRAWDOWN	POND5	BASE	9.17	4.303	5.500	3430	5.304	-5.095	4.0	-3.8
DRAWDOWN	POND5	BASE	9.33	4.298	5.500	3425	5.304	-5.095	4.1	-3.9
DRAWDOWN	POND5	BASE	9.50	4.293	5.500	3420	5.304	-5.096	4.1	-4.0
DRAWDOWN	POND5	BASE	9.67	4.288	5.500	3415	5.304	-5.096	4.2	-4.0
DRAWDOWN	POND5	BASE	9.83	4.284	5.500	3411	5.304	-5.097	4.3	-4.1
DRAWDOWN	POND5	BASE	10.00	4.279	5.500	3406	5.304	-5.097	4.4	-4.2
DRAWDOWN	POND5	BASE	10.17	4.274	5.500	3401	5.304	-5.097	4.4	-4.2
DRAWDOWN	POND5	BASE	10.33	4.269	5.500	3397	5.303	-5.098	4.5	-4.3
DRAWDOWN	POND5	BASE	10.50	4.264	5.500	3392	5.303	-5.098	4.6	-4.4
DRAWDOWN	POND5	BASE	10.67	4.259	5.500	3387	5.303	-5.099	4.6	-4.4
DRAWDOWN	POND5	BASE	10.83	4.255	5.500	3382	5.303	-5.099	4.7	-4.5
DRAWDOWN	POND5	BASE	11.00	4.250	5.500	3378	5.303	-5.100	4.8	-4.6
DRAWDOWN	POND5	BASE	11.17	4.245	5.500	3373	5.303	-5.100	4.9	-4.7
DRAWDOWN	POND5	BASE	11.33	4.240	5.500	3368	5.303	-5.100	4.9	-4.7
DRAWDOWN	POND5	BASE	11.50	4.235	5.500	3364	5.303	-5.101	5.0	-4.8
DRAWDOWN	POND5	BASE	11.67	4.231	5.500	3359	5.303	-5.101	5.1	-4.9
DRAWDOWN	POND5	BASE	11.83	4.226	5.500	3354	5.303	-5.102	5.2	-4.9
DRAWDOWN	POND5	BASE	12.00	4.221	5.500	3350	5.303	-5.102	5.2	-5.0
DRAWDOWN	POND5	BASE	12.17	4.216	5.500	3345	5.303	-5.103	5.3	-5.1
DRAWDOWN	POND5	BASE	12.33	4.211	5.500	3340	5.302	-5.103	5.4	-5.1
DRAWDOWN	POND5	BASE	12.50	4.207	5.500	3336	5.302	-5.103	5.4	-5.2
DRAWDOWN	POND5	BASE	12.67	4.202	5.500	3331	5.302	-5.104	5.5	-5.3
DRAWDOWN	POND5	BASE	12.83	4.197	5.500	3326	5.302	-5.104	5.6	-5.4
DRAWDOWN	POND5	BASE	13.00	4.192	5.500	3322	5.302	-5.105	5.7	-5.4
DRAWDOWN	POND5	BASE	13.17	4.188	5.500	3317	5.302	-5.105	5.7	-5.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	13.33	4.183	5.500	3313	5.302	-5.106	5.8	-5.6
DRAWDOWN	POND5	BASE	13.50	4.178	5.500	3308	5.302	-5.106	5.9	-5.6
DRAWDOWN	POND5	BASE	13.67	4.174	5.500	3303	5.302	-5.107	6.0	-5.7
DRAWDOWN	POND5	BASE	13.83	4.169	5.500	3299	5.302	-5.107	6.0	-5.8
DRAWDOWN	POND5	BASE	14.00	4.164	5.500	3294	5.302	-5.107	6.1	-5.9
DRAWDOWN	POND5	BASE	14.17	4.159	5.500	3290	5.302	-5.108	6.2	-5.9
DRAWDOWN	POND5	BASE	14.33	4.155	5.500	3285	5.301	-5.108	6.2	-6.0
DRAWDOWN	POND5	BASE	14.50	4.150	5.500	3280	5.301	-5.109	6.3	-6.1
DRAWDOWN	POND5	BASE	14.67	4.145	5.500	3276	5.301	-5.109	6.4	-6.1
DRAWDOWN	POND5	BASE	14.83	4.141	5.500	3271	5.301	-5.110	6.5	-6.2
DRAWDOWN	POND5	BASE	15.00	4.136	5.500	3267	5.301	-5.110	6.5	-6.3
DRAWDOWN	POND5	BASE	15.17	4.131	5.500	3262	5.301	-5.110	6.6	-6.3
DRAWDOWN	POND5	BASE	15.33	4.127	5.500	3258	5.301	-5.111	6.7	-6.4
DRAWDOWN	POND5	BASE	15.50	4.122	5.500	3253	5.301	-5.111	6.8	-6.5
DRAWDOWN	POND5	BASE	15.67	4.117	5.500	3249	5.301	-5.112	6.8	-6.6
DRAWDOWN	POND5	BASE	15.83	4.113	5.500	3244	5.301	-5.112	6.9	-6.6
DRAWDOWN	POND5	BASE	16.00	4.108	5.500	3240	5.301	-5.113	7.0	-6.7
DRAWDOWN	POND5	BASE	16.17	4.104	5.500	3235	5.301	-5.113	7.1	-6.8
DRAWDOWN	POND5	BASE	16.33	4.099	5.500	3231	5.301	-5.114	7.1	-6.8
DRAWDOWN	POND5	BASE	16.50	4.094	5.500	3226	5.301	-5.114	7.2	-6.9
DRAWDOWN	POND5	BASE	16.67	4.090	5.500	3222	5.300	-5.114	7.3	-7.0
DRAWDOWN	POND5	BASE	16.83	4.085	5.500	3217	5.300	-5.115	7.3	-7.0
DRAWDOWN	POND5	BASE	17.00	4.081	5.500	3213	5.300	-5.115	7.4	-7.1
DRAWDOWN	POND5	BASE	17.17	4.076	5.500	3208	5.300	-5.116	7.5	-7.2
DRAWDOWN	POND5	BASE	17.33	4.071	5.500	3204	5.300	-5.116	7.6	-7.3
DRAWDOWN	POND5	BASE	17.50	4.067	5.500	3199	5.300	-5.117	7.6	-7.3
DRAWDOWN	POND5	BASE	17.67	4.062	5.500	3195	5.300	-5.117	7.7	-7.4
DRAWDOWN	POND5	BASE	17.83	4.058	5.500	3190	5.300	-5.117	7.8	-7.5
DRAWDOWN	POND5	BASE	18.00	4.053	5.500	3186	5.300	-5.118	7.9	-7.5
DRAWDOWN	POND5	BASE	18.17	4.049	5.500	3181	5.300	-5.118	7.9	-7.6
DRAWDOWN	POND5	BASE	18.33	4.044	5.500	3177	5.300	-5.119	8.0	-7.7
DRAWDOWN	POND5	BASE	18.50	4.040	5.500	3173	5.300	-5.119	8.1	-7.8
DRAWDOWN	POND5	BASE	18.67	4.035	5.500	3168	5.300	-5.120	8.1	-7.8
DRAWDOWN	POND5	BASE	18.83	4.030	5.500	3164	5.300	-5.120	8.2	-7.9
DRAWDOWN	POND5	BASE	19.00	4.026	5.500	3159	5.299	-5.120	8.3	-8.0
DRAWDOWN	POND5	BASE	19.17	4.021	5.500	3155	5.299	-5.121	8.4	-8.0
DRAWDOWN	POND5	BASE	19.33	4.017	5.500	3151	5.299	-5.121	8.4	-8.1
DRAWDOWN	POND5	BASE	19.50	4.012	5.500	3146	5.299	-5.122	8.5	-8.2
DRAWDOWN	POND5	BASE	19.67	4.008	5.500	3142	5.299	-5.122	8.6	-8.2
DRAWDOWN	POND5	BASE	19.83	4.003	5.500	3137	5.299	-5.123	8.7	-8.3
DRAWDOWN	POND5	BASE	20.00	3.999	5.500	2813	5.310	-5.137	8.7	-8.4
DRAWDOWN	POND5	BASE	20.17	3.993	5.500	902	5.527	-5.433	8.8	-8.5
DRAWDOWN	POND5	BASE	20.33	3.978	5.500	124	8.096	-8.193	8.9	-8.6
DRAWDOWN	POND5	BASE	20.50	3.968	5.500	124	8.098	-8.208	9.0	-8.7
DRAWDOWN	POND5	BASE	20.67	3.958	5.500	124	8.098	-8.208	9.1	-8.8
DRAWDOWN	POND5	BASE	20.83	3.948	5.500	124	8.098	-8.208	9.2	-8.9
DRAWDOWN	POND5	BASE	21.00	3.938	5.500	124	8.098	-8.208	9.3	-9.0
DRAWDOWN	POND5	BASE	21.17	3.929	5.500	124	8.098	-8.208	9.5	-9.1
DRAWDOWN	POND5	BASE	21.33	3.919	5.500	124	8.098	-8.208	9.6	-9.2
DRAWDOWN	POND5	BASE	21.50	3.909	5.500	124	8.098	-8.209	9.7	-9.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	21.67	3.899	5.500	124	8.098	-8.209	9.8	-9.5
DRAWDOWN	POND5	BASE	21.83	3.889	5.500	124	8.098	-8.209	9.9	-9.6
DRAWDOWN	POND5	BASE	22.00	3.880	5.500	124	8.098	-8.209	10.0	-9.7
DRAWDOWN	POND5	BASE	22.17	3.870	5.500	124	8.098	-8.209	10.1	-9.8
DRAWDOWN	POND5	BASE	22.33	3.860	5.500	124	8.097	-8.209	10.2	-9.9
DRAWDOWN	POND5	BASE	22.50	3.851	5.500	124	8.097	-8.209	10.4	-10.0
DRAWDOWN	POND5	BASE	22.67	3.841	5.500	124	8.097	-8.209	10.5	-10.1
DRAWDOWN	POND5	BASE	22.83	3.832	5.500	124	8.097	-8.209	10.6	-10.3
DRAWDOWN	POND5	BASE	23.00	3.822	5.500	124	8.097	-8.209	10.7	-10.4
DRAWDOWN	POND5	BASE	23.17	3.813	5.500	124	8.097	-8.209	10.8	-10.5
DRAWDOWN	POND5	BASE	23.33	3.803	5.500	124	8.097	-8.209	10.9	-10.6
DRAWDOWN	POND5	BASE	23.50	3.794	5.500	124	8.097	-8.209	11.0	-10.7
DRAWDOWN	POND5	BASE	23.67	3.784	5.500	124	8.097	-8.209	11.1	-10.8
DRAWDOWN	POND5	BASE	23.83	3.775	5.500	124	8.097	-8.209	11.2	-10.9
DRAWDOWN	POND5	BASE	24.00	3.766	5.500	124	8.097	-8.209	11.4	-11.0
DRAWDOWN	POND5	BASE	24.17	3.757	5.500	124	8.097	-8.209	11.5	-11.2
DRAWDOWN	POND5	BASE	24.33	3.747	5.500	124	8.097	-8.209	11.6	-11.3
DRAWDOWN	POND5	BASE	24.50	3.738	5.500	124	8.097	-8.209	11.7	-11.4
DRAWDOWN	POND5	BASE	24.67	3.729	5.500	124	8.097	-8.209	11.8	-11.5
DRAWDOWN	POND5	BASE	24.83	3.720	5.500	124	8.097	-8.209	11.9	-11.6
DRAWDOWN	POND5	BASE	25.00	3.711	5.500	124	8.097	-8.209	12.0	-11.7
DRAWDOWN	POND5	BASE	25.17	3.702	5.500	124	8.097	-8.209	12.1	-11.8
DRAWDOWN	POND5	BASE	25.33	3.693	5.500	124	8.097	-8.210	12.2	-11.9
DRAWDOWN	POND5	BASE	25.50	3.684	5.500	124	8.097	-8.210	12.4	-12.1
DRAWDOWN	POND5	BASE	25.67	3.675	5.500	124	8.097	-8.210	12.5	-12.2
DRAWDOWN	POND5	BASE	25.83	3.666	5.500	124	8.097	-8.210	12.6	-12.3
DRAWDOWN	POND5	BASE	26.00	3.657	5.500	124	8.097	-8.210	12.7	-12.4
DRAWDOWN	POND5	BASE	26.17	3.648	5.500	124	8.097	-8.210	12.8	-12.5
DRAWDOWN	POND5	BASE	26.33	3.640	5.500	124	8.097	-8.210	12.9	-12.6
DRAWDOWN	POND5	BASE	26.50	3.631	5.500	124	8.097	-8.210	13.0	-12.7
DRAWDOWN	POND5	BASE	26.67	3.622	5.500	124	8.097	-8.210	13.1	-12.9
DRAWDOWN	POND5	BASE	26.83	3.613	5.500	124	8.096	-8.210	13.3	-13.0
DRAWDOWN	POND5	BASE	27.00	3.605	5.500	124	8.096	-8.210	13.4	-13.1
DRAWDOWN	POND5	BASE	27.17	3.596	5.500	124	8.096	-8.210	13.5	-13.2
DRAWDOWN	POND5	BASE	27.33	3.588	5.500	124	8.096	-8.210	13.6	-13.3
DRAWDOWN	POND5	BASE	27.50	3.579	5.500	124	8.096	-8.210	13.7	-13.4
DRAWDOWN	POND5	BASE	27.67	3.571	5.500	124	8.096	-8.210	13.8	-13.5
DRAWDOWN	POND5	BASE	27.83	3.562	5.500	124	8.096	-8.210	13.9	-13.6
DRAWDOWN	POND5	BASE	28.00	3.554	5.500	124	8.096	-8.210	14.0	-13.8
DRAWDOWN	POND5	BASE	28.17	3.545	5.500	124	8.096	-8.210	14.1	-13.9
DRAWDOWN	POND5	BASE	28.33	3.537	5.500	124	8.096	-8.211	14.3	-14.0
DRAWDOWN	POND5	BASE	28.50	3.530	5.500	124	8.095	-8.212	14.4	-14.1
DRAWDOWN	POND5	BASE	28.67	3.523	5.500	124	8.094	-8.213	14.5	-14.2
DRAWDOWN	POND5	BASE	28.83	3.517	5.500	124	8.094	-8.213	14.6	-14.3
DRAWDOWN	POND5	BASE	29.00	3.511	5.500	124	8.093	-8.214	14.7	-14.4
DRAWDOWN	POND5	BASE	29.17	3.506	5.500	124	8.092	-8.215	14.8	-14.5
DRAWDOWN	POND5	BASE	29.33	3.502	5.500	124	8.091	-8.216	14.9	-14.7
DRAWDOWN	POND5	BASE	29.50	3.499	5.500	124	8.091	-8.217	15.0	-14.8
DRAWDOWN	POND5	BASE	29.67	3.496	5.500	124	8.090	-8.217	15.1	-14.9
DRAWDOWN	POND5	BASE	29.83	3.494	5.500	124	8.089	-8.218	15.3	-15.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	30.00	3.493	5.500	124	8.089	-8.219	15.4	-15.1
DRAWDOWN	POND5	BASE	30.17	3.492	5.500	124	8.088	-8.219	15.5	-15.2
DRAWDOWN	POND5	BASE	30.33	3.492	5.500	124	8.088	-8.220	15.6	-15.3
DRAWDOWN	POND5	BASE	30.50	3.491	5.500	124	8.088	-8.220	15.7	-15.5
DRAWDOWN	POND5	BASE	30.67	3.491	5.500	124	8.088	-8.220	15.8	-15.6
DRAWDOWN	POND5	BASE	30.83	3.491	5.500	124	8.088	-8.220	15.9	-15.7
DRAWDOWN	POND5	BASE	31.00	3.491	5.500	124	8.088	-8.220	16.0	-15.8
DRAWDOWN	POND5	BASE	31.17	3.491	5.500	124	8.088	-8.220	16.1	-15.9
DRAWDOWN	POND5	BASE	31.33	3.491	5.500	124	8.088	-8.220	16.3	-16.0
DRAWDOWN	POND5	BASE	31.50	3.491	5.500	124	8.088	-8.220	16.4	-16.1
DRAWDOWN	POND5	BASE	31.67	3.491	5.500	124	8.088	-8.220	16.5	-16.2
DRAWDOWN	POND5	BASE	31.83	3.491	5.500	124	8.088	-8.220	16.6	-16.4
DRAWDOWN	POND5	BASE	32.00	3.491	5.500	124	8.088	-8.220	16.7	-16.5
DRAWDOWN	POND5	BASE	32.17	3.491	5.500	124	8.088	-8.220	16.8	-16.6
DRAWDOWN	POND5	BASE	32.33	3.491	5.500	124	8.088	-8.220	16.9	-16.7
DRAWDOWN	POND5	BASE	32.50	3.491	5.500	124	8.088	-8.220	17.0	-16.8
DRAWDOWN	POND5	BASE	32.67	3.491	5.500	124	8.088	-8.220	17.2	-16.9
DRAWDOWN	POND5	BASE	32.83	3.491	5.500	124	8.088	-8.220	17.3	-17.0
DRAWDOWN	POND5	BASE	33.00	3.491	5.500	124	8.088	-8.220	17.4	-17.2
DRAWDOWN	POND5	BASE	33.17	3.491	5.500	124	8.088	-8.220	17.5	-17.3
DRAWDOWN	POND5	BASE	33.33	3.491	5.500	124	8.088	-8.220	17.6	-17.4
DRAWDOWN	POND5	BASE	33.50	3.491	5.500	124	8.088	-8.220	17.7	-17.5
DRAWDOWN	POND5	BASE	33.67	3.491	5.500	124	8.088	-8.220	17.8	-17.6
DRAWDOWN	POND5	BASE	33.83	3.491	5.500	124	8.088	-8.220	17.9	-17.7
DRAWDOWN	POND5	BASE	34.00	3.491	5.500	124	8.088	-8.220	18.0	-17.8
DRAWDOWN	POND5	BASE	34.17	3.491	5.500	124	8.088	-8.220	18.2	-17.9
DRAWDOWN	POND5	BASE	34.33	3.491	5.500	124	8.088	-8.220	18.3	-18.1
DRAWDOWN	POND5	BASE	34.50	3.491	5.500	124	8.088	-8.220	18.4	-18.2
DRAWDOWN	POND5	BASE	34.67	3.491	5.500	124	8.088	-8.220	18.5	-18.3
DRAWDOWN	POND5	BASE	34.83	3.491	5.500	124	8.088	-8.220	18.6	-18.4
DRAWDOWN	POND5	BASE	35.00	3.491	5.500	124	8.088	-8.220	18.7	-18.5
DRAWDOWN	POND5	BASE	35.17	3.491	5.500	124	8.088	-8.220	18.8	-18.6
DRAWDOWN	POND5	BASE	35.33	3.491	5.500	124	8.088	-8.220	18.9	-18.7
DRAWDOWN	POND5	BASE	35.50	3.491	5.500	124	8.088	-8.220	19.0	-18.8
DRAWDOWN	POND5	BASE	35.67	3.491	5.500	124	8.088	-8.220	19.2	-19.0
DRAWDOWN	POND5	BASE	35.83	3.491	5.500	124	8.088	-8.220	19.3	-19.1
DRAWDOWN	POND5	BASE	36.00	3.491	5.500	124	8.088	-8.220	19.4	-19.2
DRAWDOWN	POND5	BASE	36.17	3.491	5.500	124	8.088	-8.220	19.5	-19.3
DRAWDOWN	POND5	BASE	36.33	3.491	5.500	124	8.088	-8.220	19.6	-19.4
DRAWDOWN	POND5	BASE	36.50	3.491	5.500	124	8.088	-8.220	19.7	-19.5
DRAWDOWN	POND5	BASE	36.67	3.491	5.500	124	8.088	-8.220	19.8	-19.6
DRAWDOWN	POND5	BASE	36.83	3.491	5.500	124	8.088	-8.220	19.9	-19.8
DRAWDOWN	POND5	BASE	37.00	3.491	5.500	124	8.088	-8.220	20.0	-19.9
DRAWDOWN	POND5	BASE	37.17	3.491	5.500	124	8.088	-8.220	20.2	-20.0
DRAWDOWN	POND5	BASE	37.33	3.491	5.500	124	8.088	-8.220	20.3	-20.1
DRAWDOWN	POND5	BASE	37.50	3.491	5.500	124	8.088	-8.220	20.4	-20.2
DRAWDOWN	POND5	BASE	37.67	3.491	5.500	124	8.088	-8.220	20.5	-20.3
DRAWDOWN	POND5	BASE	37.83	3.491	5.500	124	8.088	-8.220	20.6	-20.4
DRAWDOWN	POND5	BASE	38.00	3.491	5.500	124	8.088	-8.220	20.7	-20.5
DRAWDOWN	POND5	BASE	38.17	3.491	5.500	124	8.088	-8.220	20.8	-20.7

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	38.33	3.491	5.500	124	8.088	-8.220	20.9	-20.8
DRAWDOWN	POND5	BASE	38.50	3.491	5.500	124	8.088	-8.220	21.0	-20.9
DRAWDOWN	POND5	BASE	38.67	3.491	5.500	124	8.088	-8.220	21.2	-21.0
DRAWDOWN	POND5	BASE	38.83	3.491	5.500	124	8.088	-8.220	21.3	-21.1
DRAWDOWN	POND5	BASE	39.00	3.491	5.500	124	8.088	-8.220	21.4	-21.2
DRAWDOWN	POND5	BASE	39.17	3.491	5.500	124	8.088	-8.220	21.5	-21.3
DRAWDOWN	POND5	BASE	39.33	3.491	5.500	124	8.088	-8.220	21.6	-21.5
DRAWDOWN	POND5	BASE	39.50	3.491	5.500	124	8.088	-8.220	21.7	-21.6
DRAWDOWN	POND5	BASE	39.67	3.491	5.500	124	8.088	-8.220	21.8	-21.7
DRAWDOWN	POND5	BASE	39.83	3.491	5.500	124	8.088	-8.220	21.9	-21.8
DRAWDOWN	POND5	BASE	40.00	3.491	5.500	124	8.088	-8.220	22.1	-21.9
DRAWDOWN	POND5	BASE	40.17	3.491	5.500	124	8.088	-8.220	22.2	-22.0
DRAWDOWN	POND5	BASE	40.33	3.491	5.500	124	8.088	-8.220	22.3	-22.1
DRAWDOWN	POND5	BASE	40.50	3.491	5.500	124	8.088	-8.220	22.4	-22.2
DRAWDOWN	POND5	BASE	40.67	3.491	5.500	124	8.088	-8.220	22.5	-22.4
DRAWDOWN	POND5	BASE	40.83	3.491	5.500	124	8.088	-8.220	22.6	-22.5
DRAWDOWN	POND5	BASE	41.00	3.491	5.500	124	8.088	-8.220	22.7	-22.6
DRAWDOWN	POND5	BASE	41.17	3.491	5.500	124	8.088	-8.220	22.8	-22.7
DRAWDOWN	POND5	BASE	41.33	3.491	5.500	124	8.088	-8.220	22.9	-22.8
DRAWDOWN	POND5	BASE	41.50	3.491	5.500	124	8.088	-8.220	23.1	-22.9
DRAWDOWN	POND5	BASE	41.67	3.491	5.500	124	8.088	-8.220	23.2	-23.0
DRAWDOWN	POND5	BASE	41.83	3.491	5.500	124	8.088	-8.220	23.3	-23.2
DRAWDOWN	POND5	BASE	42.00	3.491	5.500	124	8.088	-8.220	23.4	-23.3
DRAWDOWN	POND5	BASE	42.17	3.491	5.500	124	8.088	-8.220	23.5	-23.4
DRAWDOWN	POND5	BASE	42.33	3.491	5.500	124	8.088	-8.220	23.6	-23.5
DRAWDOWN	POND5	BASE	42.50	3.491	5.500	124	8.088	-8.220	23.7	-23.6
DRAWDOWN	POND5	BASE	42.67	3.491	5.500	124	8.088	-8.220	23.8	-23.7
DRAWDOWN	POND5	BASE	42.83	3.491	5.500	124	8.088	-8.220	23.9	-23.8
DRAWDOWN	POND5	BASE	43.00	3.491	5.500	124	8.088	-8.220	24.1	-23.9
DRAWDOWN	POND5	BASE	43.17	3.491	5.500	124	8.088	-8.220	24.2	-24.1
DRAWDOWN	POND5	BASE	43.33	3.491	5.500	124	8.088	-8.220	24.3	-24.2
DRAWDOWN	POND5	BASE	43.50	3.491	5.500	124	8.088	-8.220	24.4	-24.3
DRAWDOWN	POND5	BASE	43.67	3.491	5.500	124	8.088	-8.220	24.5	-24.4
DRAWDOWN	POND5	BASE	43.83	3.491	5.500	124	8.088	-8.220	24.6	-24.5
DRAWDOWN	POND5	BASE	44.00	3.491	5.500	124	8.088	-8.220	24.7	-24.6
DRAWDOWN	POND5	BASE	44.17	3.491	5.500	124	8.088	-8.220	24.8	-24.7
DRAWDOWN	POND5	BASE	44.33	3.491	5.500	124	8.088	-8.220	24.9	-24.9
DRAWDOWN	POND5	BASE	44.50	3.491	5.500	124	8.088	-8.220	25.1	-25.0
DRAWDOWN	POND5	BASE	44.67	3.491	5.500	124	8.088	-8.220	25.2	-25.1
DRAWDOWN	POND5	BASE	44.83	3.491	5.500	124	8.088	-8.220	25.3	-25.2
DRAWDOWN	POND5	BASE	45.00	3.491	5.500	124	8.088	-8.220	25.4	-25.3
DRAWDOWN	POND5	BASE	45.17	3.491	5.500	124	8.088	-8.220	25.5	-25.4
DRAWDOWN	POND5	BASE	45.33	3.491	5.500	124	8.088	-8.220	25.6	-25.5
DRAWDOWN	POND5	BASE	45.50	3.491	5.500	124	8.088	-8.220	25.7	-25.6
DRAWDOWN	POND5	BASE	45.67	3.491	5.500	124	8.088	-8.220	25.8	-25.8
DRAWDOWN	POND5	BASE	45.83	3.491	5.500	124	8.088	-8.220	26.0	-25.9
DRAWDOWN	POND5	BASE	46.00	3.491	5.500	124	8.088	-8.220	26.1	-26.0
DRAWDOWN	POND5	BASE	46.17	3.491	5.500	124	8.088	-8.220	26.2	-26.1
DRAWDOWN	POND5	BASE	46.33	3.491	5.500	124	8.088	-8.220	26.3	-26.2
DRAWDOWN	POND5	BASE	46.50	3.491	5.500	124	8.088	-8.220	26.4	-26.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	46.67	3.491	5.500	124	8.088	-8.220	26.5	-26.4
DRAWDOWN	POND5	BASE	46.83	3.491	5.500	124	8.088	-8.220	26.6	-26.5
DRAWDOWN	POND5	BASE	47.00	3.491	5.500	124	8.088	-8.220	26.7	-26.7
DRAWDOWN	POND5	BASE	47.17	3.491	5.500	124	8.088	-8.220	26.8	-26.8
DRAWDOWN	POND5	BASE	47.33	3.491	5.500	124	8.088	-8.220	27.0	-26.9
DRAWDOWN	POND5	BASE	47.50	3.491	5.500	124	8.088	-8.220	27.1	-27.0
DRAWDOWN	POND5	BASE	47.67	3.491	5.500	124	8.088	-8.220	27.2	-27.1
DRAWDOWN	POND5	BASE	47.83	3.491	5.500	124	8.088	-8.220	27.3	-27.2
DRAWDOWN	POND5	BASE	48.00	3.491	5.500	124	8.088	-8.220	27.4	-27.3
DRAWDOWN	POND5	BASE	48.17	3.491	5.500	124	8.088	-8.220	27.5	-27.5
DRAWDOWN	POND5	BASE	48.33	3.491	5.500	124	8.088	-8.220	27.6	-27.6
DRAWDOWN	POND5	BASE	48.50	3.491	5.500	124	8.088	-8.220	27.7	-27.7
DRAWDOWN	POND5	BASE	48.67	3.491	5.500	124	8.088	-8.220	27.8	-27.8
DRAWDOWN	POND5	BASE	48.83	3.491	5.500	124	8.088	-8.220	28.0	-27.9
DRAWDOWN	POND5	BASE	49.00	3.491	5.500	124	8.088	-8.220	28.1	-28.0
DRAWDOWN	POND5	BASE	49.17	3.491	5.500	124	8.088	-8.220	28.2	-28.1
DRAWDOWN	POND5	BASE	49.33	3.491	5.500	124	8.088	-8.220	28.3	-28.2
DRAWDOWN	POND5	BASE	49.50	3.491	5.500	124	8.088	-8.220	28.4	-28.4
DRAWDOWN	POND5	BASE	49.67	3.491	5.500	124	8.088	-8.220	28.5	-28.5
DRAWDOWN	POND5	BASE	49.83	3.491	5.500	124	8.088	-8.220	28.6	-28.6
DRAWDOWN	POND5	BASE	50.00	3.491	5.500	124	8.088	-8.220	28.7	-28.7
DRAWDOWN	POND5	BASE	50.17	3.491	5.500	124	8.088	-8.220	28.8	-28.8
DRAWDOWN	POND5	BASE	50.33	3.491	5.500	124	8.088	-8.220	29.0	-28.9
DRAWDOWN	POND5	BASE	50.50	3.491	5.500	124	8.088	-8.220	29.1	-29.0
DRAWDOWN	POND5	BASE	50.67	3.491	5.500	124	8.088	-8.220	29.2	-29.2
DRAWDOWN	POND5	BASE	50.83	3.491	5.500	124	8.088	-8.220	29.3	-29.3
DRAWDOWN	POND5	BASE	51.00	3.491	5.500	124	8.088	-8.220	29.4	-29.4
DRAWDOWN	POND5	BASE	51.17	3.491	5.500	124	8.088	-8.220	29.5	-29.5
DRAWDOWN	POND5	BASE	51.33	3.491	5.500	124	8.088	-8.220	29.6	-29.6
DRAWDOWN	POND5	BASE	51.50	3.491	5.500	124	8.088	-8.220	29.7	-29.7
DRAWDOWN	POND5	BASE	51.67	3.491	5.500	124	8.088	-8.220	29.9	-29.8
DRAWDOWN	POND5	BASE	51.83	3.491	5.500	124	8.088	-8.220	30.0	-29.9
DRAWDOWN	POND5	BASE	52.00	3.491	5.500	124	8.088	-8.220	30.1	-30.1
DRAWDOWN	POND5	BASE	52.17	3.491	5.500	124	8.088	-8.220	30.2	-30.2
DRAWDOWN	POND5	BASE	52.33	3.491	5.500	124	8.088	-8.220	30.3	-30.3
DRAWDOWN	POND5	BASE	52.50	3.491	5.500	124	8.088	-8.220	30.4	-30.4
DRAWDOWN	POND5	BASE	52.67	3.491	5.500	124	8.088	-8.220	30.5	-30.5
DRAWDOWN	POND5	BASE	52.83	3.491	5.500	124	8.088	-8.220	30.6	-30.6
DRAWDOWN	POND5	BASE	53.00	3.491	5.500	124	8.088	-8.220	30.7	-30.7
DRAWDOWN	POND5	BASE	53.17	3.491	5.500	124	8.088	-8.220	30.9	-30.9
DRAWDOWN	POND5	BASE	53.33	3.491	5.500	124	8.088	-8.220	31.0	-31.0
DRAWDOWN	POND5	BASE	53.50	3.491	5.500	124	8.088	-8.220	31.1	-31.1
DRAWDOWN	POND5	BASE	53.67	3.491	5.500	124	8.088	-8.220	31.2	-31.2
DRAWDOWN	POND5	BASE	53.83	3.491	5.500	124	8.088	-8.220	31.3	-31.3
DRAWDOWN	POND5	BASE	54.00	3.491	5.500	124	8.088	-8.220	31.4	-31.4
DRAWDOWN	POND5	BASE	54.17	3.491	5.500	124	8.088	-8.220	31.5	-31.5
DRAWDOWN	POND5	BASE	54.33	3.491	5.500	124	8.088	-8.220	31.6	-31.6
DRAWDOWN	POND5	BASE	54.50	3.491	5.500	124	8.088	-8.220	31.7	-31.8
DRAWDOWN	POND5	BASE	54.67	3.491	5.500	124	8.088	-8.220	31.9	-31.9
DRAWDOWN	POND5	BASE	54.83	3.491	5.500	124	8.088	-8.220	32.0	-32.0

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	55.00	3.491	5.500	124	8.038	-8.220	32.1	-32.1
DRAWDOWN	POND5	BASE	55.17	3.491	5.500	124	8.088	-8.220	32.2	-32.2
DRAWDOWN	POND5	BASE	55.33	3.491	5.500	124	8.088	-8.220	32.3	-32.3
DRAWDOWN	POND5	BASE	55.50	3.491	5.500	124	8.088	-8.220	32.4	-32.4
DRAWDOWN	POND5	BASE	55.67	3.491	5.500	124	8.088	-8.220	32.5	-32.6
DRAWDOWN	POND5	BASE	55.83	3.491	5.500	124	8.088	-8.220	32.6	-32.7
DRAWDOWN	POND5	BASE	56.00	3.491	5.500	124	8.088	-8.220	32.7	-32.8
DRAWDOWN	POND5	BASE	56.17	3.491	5.500	124	8.088	-8.220	32.9	-32.9
DRAWDOWN	POND5	BASE	56.33	3.491	5.500	124	8.088	-8.220	33.0	-33.0
DRAWDOWN	POND5	BASE	56.50	3.491	5.500	124	8.088	-8.220	33.1	-33.1
DRAWDOWN	POND5	BASE	56.67	3.491	5.500	124	8.088	-8.220	33.2	-33.2
DRAWDOWN	POND5	BASE	56.83	3.491	5.500	124	8.088	-8.220	33.3	-33.3
DRAWDOWN	POND5	BASE	57.00	3.491	5.500	124	8.088	-8.220	33.4	-33.5
DRAWDOWN	POND5	BASE	57.17	3.491	5.500	124	8.088	-8.220	33.5	-33.6
DRAWDOWN	POND5	BASE	57.33	3.491	5.500	124	8.088	-8.220	33.6	-33.7
DRAWDOWN	POND5	BASE	57.50	3.491	5.500	124	8.088	-8.220	33.7	-33.8
DRAWDOWN	POND5	BASE	57.67	3.491	5.500	124	8.088	-8.220	33.9	-33.9
DRAWDOWN	POND5	BASE	57.83	3.491	5.500	124	8.088	-8.220	34.0	-34.0
DRAWDOWN	POND5	BASE	58.00	3.491	5.500	124	8.088	-8.220	34.1	-34.1
DRAWDOWN	POND5	BASE	58.17	3.491	5.500	124	8.088	-8.220	34.2	-34.2
DRAWDOWN	POND5	BASE	58.33	3.491	5.500	124	8.088	-8.220	34.3	-34.4
DRAWDOWN	POND5	BASE	58.50	3.491	5.500	124	8.088	-8.220	34.4	-34.5
DRAWDOWN	POND5	BASE	58.67	3.491	5.500	124	8.088	-8.220	34.5	-34.6
DRAWDOWN	POND5	BASE	58.83	3.491	5.500	124	8.088	-8.220	34.6	-34.7
DRAWDOWN	POND5	BASE	59.00	3.491	5.500	124	8.088	-8.220	34.8	-34.8
DRAWDOWN	POND5	BASE	59.17	3.491	5.500	124	8.088	-8.220	34.9	-34.9
DRAWDOWN	POND5	BASE	59.33	3.491	5.500	124	8.088	-8.220	35.0	-35.0
DRAWDOWN	POND5	BASE	59.50	3.491	5.500	124	8.088	-8.220	35.1	-35.2
DRAWDOWN	POND5	BASE	59.67	3.491	5.500	124	8.088	-8.220	35.2	-35.3
DRAWDOWN	POND5	BASE	59.83	3.491	5.500	124	8.088	-8.220	35.3	-35.4
DRAWDOWN	POND5	BASE	60.00	3.491	5.500	124	8.088	-8.220	35.4	-35.5
DRAWDOWN	POND5	BASE	60.17	3.491	5.500	124	8.088	-8.220	35.5	-35.6
DRAWDOWN	POND5	BASE	60.33	3.491	5.500	124	8.088	-8.220	35.6	-35.7
DRAWDOWN	POND5	BASE	60.50	3.491	5.500	124	8.088	-8.220	35.8	-35.8
DRAWDOWN	POND5	BASE	60.67	3.491	5.500	124	8.088	-8.220	35.9	-35.9
DRAWDOWN	POND5	BASE	60.83	3.491	5.500	124	8.088	-8.220	36.0	-36.1
DRAWDOWN	POND5	BASE	61.00	3.491	5.500	124	8.088	-8.220	36.1	-36.2
DRAWDOWN	POND5	BASE	61.17	3.491	5.500	124	8.088	-8.220	36.2	-36.3
DRAWDOWN	POND5	BASE	61.33	3.491	5.500	124	8.088	-8.220	36.3	-36.4
DRAWDOWN	POND5	BASE	61.50	3.491	5.500	124	8.088	-8.220	36.4	-36.5
DRAWDOWN	POND5	BASE	61.67	3.491	5.500	124	8.088	-8.220	36.5	-36.6
DRAWDOWN	POND5	BASE	61.83	3.491	5.500	124	8.088	-8.220	36.6	-36.7
DRAWDOWN	POND5	BASE	62.00	3.491	5.500	124	8.088	-8.220	36.8	-36.9
DRAWDOWN	POND5	BASE	62.17	3.491	5.500	124	8.088	-8.220	36.9	-37.0
DRAWDOWN	POND5	BASE	62.33	3.491	5.500	124	8.088	-8.220	37.0	-37.1
DRAWDOWN	POND5	BASE	62.50	3.491	5.500	124	8.088	-8.220	37.1	-37.2
DRAWDOWN	POND5	BASE	62.67	3.491	5.500	124	8.088	-8.220	37.2	-37.3
DRAWDOWN	POND5	BASE	62.83	3.491	5.500	124	8.088	-8.220	37.3	-37.4
DRAWDOWN	POND5	BASE	63.00	3.491	5.500	124	8.088	-8.220	37.4	-37.5
DRAWDOWN	POND5	BASE	63.17	3.491	5.500	124	8.088	-8.220	37.5	-37.6

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	63.33	3.491	5.500	124	8.088	-8.220	37.6	-37.8
DRAWDOWN	POND5	BASE	63.50	3.491	5.500	124	8.088	-8.220	37.8	-37.9
DRAWDOWN	POND5	BASE	63.67	3.491	5.500	124	8.088	-8.220	37.9	-38.0
DRAWDOWN	POND5	BASE	63.83	3.491	5.500	124	8.088	-8.220	38.0	-38.1
DRAWDOWN	POND5	BASE	64.00	3.491	5.500	124	8.088	-8.220	38.1	-38.2
DRAWDOWN	POND5	BASE	64.17	3.491	5.500	124	8.088	-8.220	38.2	-38.3
DRAWDOWN	POND5	BASE	64.33	3.491	5.500	124	8.088	-8.220	38.3	-38.4
DRAWDOWN	POND5	BASE	64.50	3.491	5.500	124	8.088	-8.220	38.4	-38.6
DRAWDOWN	POND5	BASE	64.67	3.491	5.500	124	8.088	-8.220	38.5	-38.7
DRAWDOWN	POND5	BASE	64.83	3.491	5.500	124	8.088	-8.220	38.7	-38.8
DRAWDOWN	POND5	BASE	65.00	3.491	5.500	124	8.088	-8.220	38.8	-38.9
DRAWDOWN	POND5	BASE	65.17	3.491	5.500	124	8.088	-8.220	38.9	-39.0
DRAWDOWN	POND5	BASE	65.33	3.491	5.500	124	8.088	-8.220	39.0	-39.1
DRAWDOWN	POND5	BASE	65.50	3.491	5.500	124	8.088	-8.220	39.1	-39.2
DRAWDOWN	POND5	BASE	65.67	3.491	5.500	124	8.088	-8.220	39.2	-39.3
DRAWDOWN	POND5	BASE	65.83	3.491	5.500	124	8.088	-8.220	39.3	-39.5
DRAWDOWN	POND5	BASE	66.00	3.491	5.500	124	8.088	-8.220	39.4	-39.6
DRAWDOWN	POND5	BASE	66.17	3.491	5.500	124	8.088	-8.220	39.5	-39.7
DRAWDOWN	POND5	BASE	66.33	3.491	5.500	124	8.088	-8.220	39.7	-39.8
DRAWDOWN	POND5	BASE	66.50	3.491	5.500	124	8.088	-8.220	39.8	-39.9
DRAWDOWN	POND5	BASE	66.67	3.491	5.500	124	8.088	-8.220	39.9	-40.0
DRAWDOWN	POND5	BASE	66.83	3.491	5.500	124	8.088	-8.220	40.0	-40.1
DRAWDOWN	POND5	BASE	67.00	3.491	5.500	124	8.088	-8.220	40.1	-40.2
DRAWDOWN	POND5	BASE	67.17	3.491	5.500	124	8.088	-8.220	40.2	-40.4
DRAWDOWN	POND5	BASE	67.33	3.491	5.500	124	8.088	-8.220	40.3	-40.5
DRAWDOWN	POND5	BASE	67.50	3.491	5.500	124	8.088	-8.220	40.4	-40.6
DRAWDOWN	POND5	BASE	67.67	3.491	5.500	124	8.088	-8.220	40.5	-40.7
DRAWDOWN	POND5	BASE	67.83	3.491	5.500	124	8.088	-8.220	40.7	-40.8
DRAWDOWN	POND5	BASE	68.00	3.491	5.500	124	8.088	-8.220	40.8	-40.9
DRAWDOWN	POND5	BASE	68.17	3.491	5.500	124	8.088	-8.220	40.9	-41.0
DRAWDOWN	POND5	BASE	68.33	3.491	5.500	124	8.088	-8.220	41.0	-41.2
DRAWDOWN	POND5	BASE	68.50	3.491	5.500	124	8.088	-8.220	41.1	-41.3
DRAWDOWN	POND5	BASE	68.67	3.491	5.500	124	8.088	-8.220	41.2	-41.4
DRAWDOWN	POND5	BASE	68.83	3.491	5.500	124	8.088	-8.220	41.3	-41.5
DRAWDOWN	POND5	BASE	69.00	3.491	5.500	124	8.088	-8.220	41.4	-41.6
DRAWDOWN	POND5	BASE	69.17	3.491	5.500	124	8.088	-8.220	41.5	-41.7
DRAWDOWN	POND5	BASE	69.33	3.491	5.500	124	8.088	-8.220	41.7	-41.8
DRAWDOWN	POND5	BASE	69.50	3.491	5.500	124	8.088	-8.220	41.8	-41.9
DRAWDOWN	POND5	BASE	69.67	3.491	5.500	124	8.088	-8.220	41.9	-42.1
DRAWDOWN	POND5	BASE	69.83	3.491	5.500	124	8.088	-8.220	42.0	-42.2
DRAWDOWN	POND5	BASE	70.00	3.491	5.500	124	8.088	-8.220	42.1	-42.3
DRAWDOWN	POND5	BASE	70.17	3.491	5.500	124	8.088	-8.220	42.2	-42.4
DRAWDOWN	POND5	BASE	70.33	3.491	5.500	124	8.088	-8.220	42.3	-42.5
DRAWDOWN	POND5	BASE	70.50	3.491	5.500	124	8.088	-8.220	42.4	-42.6
DRAWDOWN	POND5	BASE	70.67	3.491	5.500	124	8.088	-8.220	42.5	-42.7
DRAWDOWN	POND5	BASE	70.83	3.491	5.500	124	8.088	-8.220	42.7	-42.9
DRAWDOWN	POND5	BASE	71.00	3.491	5.500	124	8.088	-8.220	42.8	-43.0
DRAWDOWN	POND5	BASE	71.17	3.491	5.500	124	8.088	-8.220	42.9	-43.1
DRAWDOWN	POND5	BASE	71.33	3.491	5.500	124	8.088	-8.220	43.0	-43.2
DRAWDOWN	POND5	BASE	71.50	3.491	5.500	124	8.088	-8.220	43.1	-43.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND5	BASE	71.67	3.491	5.500	124	8.088	-8.220	43.2	-43.4
DRAWDOWN	POND5	BASE	71.83	3.491	5.500	124	8.088	-8.220	43.3	-43.5
DRAWDOWN	POND5	BASE	72.00	3.491	5.500	124	8.088	-8.220	43.4	-43.6
DRAWDOWN	POND5	BASE	72.00	3.491	5.500	124	8.088	-8.220	43.4	-43.6
DRAWDOWN	POND6	BASE	0.00	4.600	5.500	11107	0.000	10.039	0.0	0.0
DRAWDOWN	POND6	BASE	0.17	4.574	5.500	11053	-4.858	0.414	-0.0	0.1
DRAWDOWN	POND6	BASE	0.33	4.568	5.500	11041	-4.995	0.254	-0.1	0.1
DRAWDOWN	POND6	BASE	0.50	4.563	5.500	11030	-5.011	0.238	-0.2	0.1
DRAWDOWN	POND6	BASE	0.67	4.558	5.500	11020	-5.012	0.236	-0.2	0.1
DRAWDOWN	POND6	BASE	0.83	4.553	5.500	11009	-5.013	0.235	-0.3	0.1
DRAWDOWN	POND6	BASE	1.00	4.548	5.500	10998	-5.013	0.235	-0.4	0.1
DRAWDOWN	POND6	BASE	1.17	4.543	5.500	10988	-5.013	0.234	-0.4	0.1
DRAWDOWN	POND6	BASE	1.33	4.538	5.500	10977	-5.014	0.234	-0.5	0.1
DRAWDOWN	POND6	BASE	1.50	4.532	5.500	10967	-5.014	0.233	-0.6	0.1
DRAWDOWN	POND6	BASE	1.67	4.527	5.500	10956	-5.014	0.233	-0.7	0.1
DRAWDOWN	POND6	BASE	1.83	4.522	5.500	10945	-5.015	0.232	-0.7	0.1
DRAWDOWN	POND6	BASE	2.00	4.517	5.500	10935	-5.015	0.232	-0.8	0.1
DRAWDOWN	POND6	BASE	2.17	4.512	5.500	10924	-5.015	0.231	-0.9	0.1
DRAWDOWN	POND6	BASE	2.33	4.507	5.500	10914	-5.016	0.231	-0.9	0.1
DRAWDOWN	POND6	BASE	2.50	4.502	5.500	10903	-5.016	0.230	-1.0	0.1
DRAWDOWN	POND6	BASE	2.67	4.497	5.500	10890	-5.016	0.230	-1.1	0.1
DRAWDOWN	POND6	BASE	2.83	4.492	5.500	10874	-5.017	0.229	-1.1	0.1
DRAWDOWN	POND6	BASE	3.00	4.487	5.500	10859	-5.017	0.229	-1.2	0.1
DRAWDOWN	POND6	BASE	3.17	4.481	5.500	10844	-5.017	0.228	-1.3	0.1
DRAWDOWN	POND6	BASE	3.33	4.476	5.500	10829	-5.018	0.228	-1.3	0.1
DRAWDOWN	POND6	BASE	3.50	4.471	5.500	10814	-5.018	0.227	-1.4	0.1
DRAWDOWN	POND6	BASE	3.67	4.466	5.500	10799	-5.018	0.226	-1.5	0.1
DRAWDOWN	POND6	BASE	3.83	4.461	5.500	10784	-5.019	0.226	-1.6	0.1
DRAWDOWN	POND6	BASE	4.00	4.456	5.500	10769	-5.019	0.225	-1.6	0.1
DRAWDOWN	POND6	BASE	4.17	4.451	5.500	10754	-5.019	0.225	-1.7	0.1
DRAWDOWN	POND6	BASE	4.33	4.446	5.500	10739	-5.020	0.224	-1.8	0.2
DRAWDOWN	POND6	BASE	4.50	4.441	5.500	10724	-5.020	0.224	-1.8	0.2
DRAWDOWN	POND6	BASE	4.67	4.436	5.500	10709	-5.020	0.223	-1.9	0.2
DRAWDOWN	POND6	BASE	4.83	4.431	5.500	10695	-5.021	0.223	-2.0	0.2
DRAWDOWN	POND6	BASE	5.00	4.426	5.500	10680	-5.021	0.222	-2.0	0.2
DRAWDOWN	POND6	BASE	5.17	4.421	5.500	10665	-5.021	0.222	-2.1	0.2
DRAWDOWN	POND6	BASE	5.33	4.416	5.500	10650	-5.022	0.221	-2.2	0.2
DRAWDOWN	POND6	BASE	5.50	4.411	5.500	10635	-5.022	0.221	-2.2	0.2
DRAWDOWN	POND6	BASE	5.67	4.406	5.500	10620	-5.022	0.220	-2.3	0.2
DRAWDOWN	POND6	BASE	5.83	4.401	5.500	10605	-5.023	0.220	-2.4	0.2
DRAWDOWN	POND6	BASE	6.00	4.396	5.500	10591	-5.023	0.219	-2.5	0.2
DRAWDOWN	POND6	BASE	6.17	4.391	5.500	10576	-5.023	0.219	-2.5	0.2
DRAWDOWN	POND6	BASE	6.33	4.386	5.500	10561	-5.023	0.218	-2.6	0.2
DRAWDOWN	POND6	BASE	6.50	4.381	5.500	10546	-5.024	0.218	-2.7	0.2
DRAWDOWN	POND6	BASE	6.67	4.376	5.500	10532	-5.024	0.217	-2.7	0.2
DRAWDOWN	POND6	BASE	6.83	4.371	5.500	10517	-5.024	0.217	-2.8	0.2
DRAWDOWN	POND6	BASE	7.00	4.366	5.500	10502	-5.025	0.216	-2.9	0.2
DRAWDOWN	POND6	BASE	7.17	4.361	5.500	10488	-5.025	0.216	-2.9	0.2
DRAWDOWN	POND6	BASE	7.33	4.356	5.500	10473	-5.025	0.215	-3.0	0.2

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND6	BASE	7.50	4.352	5.500	10458	-5.026	0.215	-3.1	0.2
DRAWDOWN	POND6	BASE	7.67	4.347	5.500	10444	-5.026	0.214	-3.1	0.2
DRAWDOWN	POND6	BASE	7.83	4.342	5.500	10429	-5.026	0.214	-3.2	0.2
DRAWDOWN	POND6	BASE	8.00	4.337	5.500	10414	-5.027	0.213	-3.3	0.2
DRAWDOWN	POND6	BASE	8.17	4.332	5.500	10400	-5.027	0.213	-3.4	0.2
DRAWDOWN	POND6	BASE	8.33	4.327	5.500	10385	-5.027	0.212	-3.4	0.2
DRAWDOWN	POND6	BASE	8.50	4.322	5.500	10371	-5.028	0.212	-3.5	0.2
DRAWDOWN	POND6	BASE	8.67	4.317	5.500	10356	-5.028	0.211	-3.6	0.2
DRAWDOWN	POND6	BASE	8.83	4.312	5.500	10342	-5.028	0.211	-3.6	0.2
DRAWDOWN	POND6	BASE	9.00	4.307	5.500	10327	-5.029	0.210	-3.7	0.2
DRAWDOWN	POND6	BASE	9.17	4.303	5.500	10313	-5.029	0.210	-3.8	0.2
DRAWDOWN	POND6	BASE	9.33	4.298	5.500	10298	-5.029	0.209	-3.8	0.2
DRAWDOWN	POND6	BASE	9.50	4.293	5.500	10284	-5.030	0.209	-3.9	0.2
DRAWDOWN	POND6	BASE	9.67	4.288	5.500	10269	-5.030	0.208	-4.0	0.2
DRAWDOWN	POND6	BASE	9.83	4.283	5.500	10255	-5.030	0.208	-4.0	0.3
DRAWDOWN	POND6	BASE	10.00	4.278	5.500	10241	-5.031	0.207	-4.1	0.3
DRAWDOWN	POND6	BASE	10.17	4.273	5.500	10226	-5.031	0.207	-4.2	0.3
DRAWDOWN	POND6	BASE	10.33	4.269	5.500	10212	-5.031	0.206	-4.3	0.3
DRAWDOWN	POND6	BASE	10.50	4.264	5.500	10197	-5.032	0.206	-4.3	0.3
DRAWDOWN	POND6	BASE	10.67	4.259	5.500	10183	-5.032	0.205	-4.4	0.3
DRAWDOWN	POND6	BASE	10.83	4.254	5.500	10169	-5.032	0.205	-4.5	0.3
DRAWDOWN	POND6	BASE	11.00	4.249	5.500	10155	-5.032	0.204	-4.5	0.3
DRAWDOWN	POND6	BASE	11.17	4.245	5.500	10140	-5.033	0.204	-4.6	0.3
DRAWDOWN	POND6	BASE	11.33	4.240	5.500	10126	-5.033	0.203	-4.7	0.3
DRAWDOWN	POND6	BASE	11.50	4.235	5.500	10112	-5.033	0.203	-4.7	0.3
DRAWDOWN	POND6	BASE	11.67	4.230	5.500	10098	-5.034	0.202	-4.8	0.3
DRAWDOWN	POND6	BASE	11.83	4.225	5.500	10083	-5.034	0.202	-4.9	0.3
DRAWDOWN	POND6	BASE	12.00	4.221	5.500	10069	-5.034	0.201	-4.9	0.3
DRAWDOWN	POND6	BASE	12.17	4.216	5.500	10055	-5.035	0.201	-5.0	0.3
DRAWDOWN	POND6	BASE	12.33	4.211	5.500	10041	-5.035	0.200	-5.1	0.3
DRAWDOWN	POND6	BASE	12.50	4.206	5.500	10027	-5.035	0.200	-5.2	0.3
DRAWDOWN	POND6	BASE	12.67	4.202	5.500	10013	-5.036	0.199	-5.2	0.3
DRAWDOWN	POND6	BASE	12.83	4.197	5.500	9999	-5.036	0.199	-5.3	0.3
DRAWDOWN	POND6	BASE	13.00	4.192	5.500	9985	-5.036	0.198	-5.4	0.3
DRAWDOWN	POND6	BASE	13.17	4.187	5.500	9970	-5.037	0.198	-5.4	0.3
DRAWDOWN	POND6	BASE	13.33	4.183	5.500	9956	-5.037	0.197	-5.5	0.3
DRAWDOWN	POND6	BASE	13.50	4.178	5.500	9942	-5.037	0.197	-5.6	0.3
DRAWDOWN	POND6	BASE	13.67	4.173	5.500	9928	-5.038	0.196	-5.6	0.3
DRAWDOWN	POND6	BASE	13.83	4.168	5.500	9914	-5.038	0.196	-5.7	0.3
DRAWDOWN	POND6	BASE	14.00	4.164	5.500	9900	-5.038	0.195	-5.8	0.3
DRAWDOWN	POND6	BASE	14.17	4.159	5.500	9887	-5.039	0.195	-5.8	0.3
DRAWDOWN	POND6	BASE	14.33	4.154	5.500	9873	-5.039	0.194	-5.9	0.3
DRAWDOWN	POND6	BASE	14.50	4.150	5.500	9859	-5.039	0.194	-6.0	0.3
DRAWDOWN	POND6	BASE	14.67	4.145	5.500	9845	-5.039	0.193	-6.1	0.3
DRAWDOWN	POND6	BASE	14.83	4.140	5.500	9831	-5.040	0.193	-6.1	0.3
DRAWDOWN	POND6	BASE	15.00	4.136	5.500	9817	-5.040	0.192	-6.2	0.3
DRAWDOWN	POND6	BASE	15.17	4.131	5.500	9803	-5.040	0.192	-6.3	0.3
DRAWDOWN	POND6	BASE	15.33	4.126	5.500	9789	-5.041	0.191	-6.3	0.3
DRAWDOWN	POND6	BASE	15.50	4.122	5.500	9776	-5.041	0.191	-6.4	0.3
DRAWDOWN	POND6	BASE	15.67	4.117	5.500	9762	-5.041	0.190	-6.5	0.3

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND6	BASE	15.83	4.112	5.500	9748	-5.042	0.190	-6.5	0.3
DRAWDOWN	POND6	BASE	16.00	4.108	5.500	9734	-5.042	0.189	-6.6	0.4
DRAWDOWN	POND6	BASE	16.17	4.103	5.500	9721	-5.042	0.189	-6.7	0.4
DRAWDOWN	POND6	BASE	16.33	4.099	5.500	9707	-5.043	0.188	-6.7	0.4
DRAWDOWN	POND6	BASE	16.50	4.094	5.500	9693	-5.043	0.188	-6.8	0.4
DRAWDOWN	POND6	BASE	16.67	4.089	5.500	9680	-5.043	0.187	-6.9	0.4
DRAWDOWN	POND6	BASE	16.83	4.085	5.500	9666	-5.044	0.187	-7.0	0.4
DRAWDOWN	POND6	BASE	17.00	4.080	5.500	9652	-5.044	0.186	-7.0	0.4
DRAWDOWN	POND6	BASE	17.17	4.076	5.500	9639	-5.044	0.186	-7.1	0.4
DRAWDOWN	POND6	BASE	17.33	4.071	5.500	9625	-5.045	0.185	-7.2	0.4
DRAWDOWN	POND6	BASE	17.50	4.067	5.500	9612	-5.045	0.185	-7.2	0.4
DRAWDOWN	POND6	BASE	17.67	4.062	5.500	9598	-5.045	0.184	-7.3	0.4
DRAWDOWN	POND6	BASE	17.83	4.057	5.500	9584	-5.045	0.184	-7.4	0.4
DRAWDOWN	POND6	BASE	18.00	4.053	5.500	9571	-5.046	0.183	-7.4	0.4
DRAWDOWN	POND6	BASE	18.17	4.048	5.500	9557	-5.046	0.183	-7.5	0.4
DRAWDOWN	POND6	BASE	18.33	4.044	5.500	9544	-5.046	0.182	-7.6	0.4
DRAWDOWN	POND6	BASE	18.50	4.039	5.500	9530	-5.047	0.182	-7.7	0.4
DRAWDOWN	POND6	BASE	18.67	4.035	5.500	9517	-5.047	0.181	-7.7	0.4
DRAWDOWN	POND6	BASE	18.83	4.030	5.500	9504	-5.047	0.181	-7.8	0.4
DRAWDOWN	POND6	BASE	19.00	4.026	5.500	9490	-5.048	0.180	-7.9	0.4
DRAWDOWN	POND6	BASE	19.17	4.021	5.500	9477	-5.048	0.180	-7.9	0.4
DRAWDOWN	POND6	BASE	19.33	4.017	5.500	9463	-5.048	0.179	-8.0	0.4
DRAWDOWN	POND6	BASE	19.50	4.012	5.500	9450	-5.049	0.179	-8.1	0.4
DRAWDOWN	POND6	BASE	19.67	4.008	5.500	9437	-5.049	0.178	-8.1	0.4
DRAWDOWN	POND6	BASE	19.83	4.003	5.500	9424	-5.049	0.178	-8.2	0.4
DRAWDOWN	POND6	BASE	20.00	3.999	5.500	9410	-5.051	0.177	-8.3	0.4
DRAWDOWN	POND6	BASE	20.17	3.993	5.500	9395	-5.099	0.176	-8.3	0.4
DRAWDOWN	POND6	BASE	20.33	3.987	5.500	9376	-5.282	0.175	-8.4	0.4
DRAWDOWN	POND6	BASE	20.50	3.977	5.500	9347	-5.295	0.173	-8.5	0.4
DRAWDOWN	POND6	BASE	20.67	3.967	5.500	9318	-5.295	0.172	-8.6	0.4
DRAWDOWN	POND6	BASE	20.83	3.957	5.500	9289	-5.295	0.171	-8.6	0.4
DRAWDOWN	POND6	BASE	21.00	3.947	5.500	9260	-5.295	0.170	-8.7	0.4
DRAWDOWN	POND6	BASE	21.17	3.937	5.500	9232	-5.295	0.169	-8.8	0.4
DRAWDOWN	POND6	BASE	21.33	3.927	5.500	9203	-5.295	0.168	-8.9	0.4
DRAWDOWN	POND6	BASE	21.50	3.918	5.500	9175	-5.295	0.167	-8.9	0.4
DRAWDOWN	POND6	BASE	21.67	3.908	5.500	9146	-5.295	0.166	-9.0	0.4
DRAWDOWN	POND6	BASE	21.83	3.898	5.500	9118	-5.295	0.165	-9.1	0.4
DRAWDOWN	POND6	BASE	22.00	3.888	5.500	9090	-5.296	0.164	-9.1	0.4
DRAWDOWN	POND6	BASE	22.17	3.879	5.500	9062	-5.296	0.163	-9.2	0.4
DRAWDOWN	POND6	BASE	22.33	3.869	5.500	9034	-5.296	0.162	-9.3	0.4
DRAWDOWN	POND6	BASE	22.50	3.859	5.500	9006	-5.296	0.160	-9.4	0.4
DRAWDOWN	POND6	BASE	22.67	3.850	5.500	8978	-5.296	0.159	-9.4	0.4
DRAWDOWN	POND6	BASE	22.83	3.840	5.500	8950	-5.296	0.158	-9.5	0.5
DRAWDOWN	POND6	BASE	23.00	3.831	5.500	8923	-5.296	0.157	-9.6	0.5
DRAWDOWN	POND6	BASE	23.17	3.821	5.500	8895	-5.296	0.156	-9.7	0.5
DRAWDOWN	POND6	BASE	23.33	3.812	5.500	8868	-5.296	0.155	-9.7	0.5
DRAWDOWN	POND6	BASE	23.50	3.802	5.500	8841	-5.297	0.154	-9.8	0.5
DRAWDOWN	POND6	BASE	23.67	3.793	5.500	8814	-5.297	0.153	-9.9	0.5
DRAWDOWN	POND6	BASE	23.83	3.784	5.500	8787	-5.297	0.152	-10.0	0.5
DRAWDOWN	POND6	BASE	24.00	3.774	5.500	8760	-5.297	0.151	-10.0	0.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND6	BASE	24.17	3.765	5.500	8733	-5.297	0.150	-10.1	0.5
DRAWDOWN	POND6	BASE	24.33	3.756	5.500	8706	-5.297	0.149	-10.2	0.5
DRAWDOWN	POND6	BASE	24.50	3.747	5.500	8679	-5.297	0.148	-10.2	0.5
DRAWDOWN	POND6	BASE	24.67	3.738	5.500	8653	-5.297	0.147	-10.3	0.5
DRAWDOWN	POND6	BASE	24.83	3.729	5.500	8626	-5.297	0.146	-10.4	0.5
DRAWDOWN	POND6	BASE	25.00	3.719	5.500	8600	-5.298	0.145	-10.5	0.5
DRAWDOWN	POND6	BASE	25.17	3.710	5.500	8574	-5.298	0.144	-10.5	0.5
DRAWDOWN	POND6	BASE	25.33	3.701	5.500	8548	-5.298	0.143	-10.6	0.5
DRAWDOWN	POND6	BASE	25.50	3.692	5.500	8522	-5.298	0.142	-10.7	0.5
DRAWDOWN	POND6	BASE	25.67	3.684	5.500	8496	-5.298	0.141	-10.8	0.5
DRAWDOWN	POND6	BASE	25.83	3.675	5.500	8470	-5.298	0.140	-10.8	0.5
DRAWDOWN	POND6	BASE	26.00	3.666	5.500	8444	-5.298	0.139	-10.9	0.5
DRAWDOWN	POND6	BASE	26.17	3.657	5.500	8419	-5.298	0.139	-11.0	0.5
DRAWDOWN	POND6	BASE	26.33	3.648	5.500	8393	-5.299	0.138	-11.0	0.5
DRAWDOWN	POND6	BASE	26.50	3.639	5.500	8368	-5.299	0.137	-11.1	0.5
DRAWDOWN	POND6	BASE	26.67	3.631	5.500	8343	-5.299	0.136	-11.2	0.5
DRAWDOWN	POND6	BASE	26.83	3.622	5.500	8318	-5.299	0.135	-11.3	0.5
DRAWDOWN	POND6	BASE	27.00	3.613	5.500	8293	-5.299	0.134	-11.3	0.5
DRAWDOWN	POND6	BASE	27.17	3.605	5.500	8268	-5.299	0.133	-11.4	0.5
DRAWDOWN	POND6	BASE	27.33	3.596	5.500	8243	-5.299	0.132	-11.5	0.5
DRAWDOWN	POND6	BASE	27.50	3.588	5.500	8218	-5.299	0.131	-11.6	0.5
DRAWDOWN	POND6	BASE	27.67	3.579	5.500	8193	-5.299	0.130	-11.6	0.5
DRAWDOWN	POND6	BASE	27.83	3.571	5.500	8169	-5.300	0.129	-11.7	0.5
DRAWDOWN	POND6	BASE	28.00	3.562	5.500	8145	-5.300	0.128	-11.8	0.5
DRAWDOWN	POND6	BASE	28.17	3.554	5.500	8120	-5.300	0.127	-11.8	0.5
DRAWDOWN	POND6	BASE	28.33	3.546	5.500	8096	-5.301	0.121	-11.9	0.5
DRAWDOWN	POND6	BASE	28.50	3.538	5.500	8074	-5.302	0.110	-12.0	0.5
DRAWDOWN	POND6	BASE	28.67	3.531	5.500	8055	-5.303	0.099	-12.1	0.5
DRAWDOWN	POND6	BASE	28.83	3.525	5.500	8037	-5.304	0.088	-12.1	0.5
DRAWDOWN	POND6	BASE	29.00	3.520	5.500	8021	-5.305	0.077	-12.2	0.5
DRAWDOWN	POND6	BASE	29.17	3.515	5.500	8007	-5.306	0.066	-12.3	0.5
DRAWDOWN	POND6	BASE	29.33	3.511	5.500	7996	-5.307	0.056	-12.4	0.5
DRAWDOWN	POND6	BASE	29.50	3.508	5.500	7986	-5.309	0.046	-12.4	0.5
DRAWDOWN	POND6	BASE	29.67	3.505	5.500	7978	-5.310	0.036	-12.5	0.5
DRAWDOWN	POND6	BASE	29.83	3.503	5.500	7972	-5.311	0.027	-12.6	0.5
DRAWDOWN	POND6	BASE	30.00	3.502	5.500	7968	-5.311	0.018	-12.7	0.5
DRAWDOWN	POND6	BASE	30.17	3.501	5.500	7966	-5.312	0.011	-12.7	0.5
DRAWDOWN	POND6	BASE	30.33	3.500	5.500	7964	-5.313	0.006	-12.8	0.5
DRAWDOWN	POND6	BASE	30.50	3.500	5.500	7964	-5.313	0.003	-12.9	0.5
DRAWDOWN	POND6	BASE	30.67	3.500	5.500	7963	-5.313	0.001	-12.9	0.5
DRAWDOWN	POND6	BASE	30.83	3.500	5.500	7963	-5.313	0.001	-13.0	0.5
DRAWDOWN	POND6	BASE	31.00	3.500	5.500	7963	-5.313	0.001	-13.1	0.5
DRAWDOWN	POND6	BASE	31.17	3.500	5.500	7963	-5.313	0.001	-13.2	0.5
DRAWDOWN	POND6	BASE	31.33	3.500	5.500	7963	-5.313	0.001	-13.2	0.5
DRAWDOWN	POND6	BASE	31.50	3.500	5.500	7963	-5.313	0.001	-13.3	0.5
DRAWDOWN	POND6	BASE	31.67	3.500	5.500	7963	-5.313	0.001	-13.4	0.5
DRAWDOWN	POND6	BASE	31.83	3.500	5.500	7963	-5.313	0.001	-13.5	0.5
DRAWDOWN	POND6	BASE	32.00	3.500	5.500	7963	-5.313	0.001	-13.5	0.5
DRAWDOWN	POND6	BASE	32.17	3.500	5.500	7963	-5.313	0.001	-13.6	0.5
DRAWDOWN	POND6	BASE	32.33	3.500	5.500	7963	-5.313	0.001	-13.7	0.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND6	BASE	32.50	3.500	5.500	7963	-5.313	0.001	-13.8	0.5
DRAWDOWN	POND6	BASE	32.67	3.500	5.500	7963	-5.313	0.001	-13.8	0.5
DRAWDOWN	POND6	BASE	32.83	3.500	5.500	7963	-5.313	0.001	-13.9	0.5
DRAWDOWN	POND6	BASE	33.00	3.500	5.500	7963	-5.313	0.001	-14.0	0.5
DRAWDOWN	POND6	BASE	33.17	3.500	5.500	7963	-5.313	0.001	-14.0	0.5
DRAWDOWN	POND6	BASE	33.33	3.500	5.500	7963	-5.313	0.001	-14.1	0.5
DRAWDOWN	POND6	BASE	33.50	3.500	5.500	7963	-5.313	0.001	-14.2	0.5
DRAWDOWN	POND6	BASE	33.67	3.500	5.500	7963	-5.313	0.001	-14.3	0.5
DRAWDOWN	POND6	BASE	33.83	3.500	5.500	7963	-5.313	0.001	-14.3	0.5
DRAWDOWN	POND6	BASE	34.00	3.500	5.500	7963	-5.313	0.001	-14.4	0.5
DRAWDOWN	POND6	BASE	34.17	3.500	5.500	7963	-5.313	0.001	-14.5	0.5
DRAWDOWN	POND6	BASE	34.33	3.500	5.500	7963	-5.313	0.001	-14.6	0.5
DRAWDOWN	POND6	BASE	34.50	3.500	5.500	7963	-5.313	0.001	-14.6	0.5
DRAWDOWN	POND6	BASE	34.67	3.500	5.500	7963	-5.313	0.001	-14.7	0.5
DRAWDOWN	POND6	BASE	34.83	3.500	5.500	7963	-5.313	0.001	-14.8	0.5
DRAWDOWN	POND6	BASE	35.00	3.500	5.500	7963	-5.313	0.001	-14.8	0.5
DRAWDOWN	POND6	BASE	35.17	3.500	5.500	7963	-5.313	0.001	-14.9	0.5
DRAWDOWN	POND6	BASE	35.33	3.500	5.500	7963	-5.313	0.001	-15.0	0.5
DRAWDOWN	POND6	BASE	35.50	3.500	5.500	7963	-5.313	0.001	-15.1	0.5
DRAWDOWN	POND6	BASE	35.67	3.500	5.500	7963	-5.313	0.001	-15.1	0.5
DRAWDOWN	POND6	BASE	35.83	3.500	5.500	7963	-5.313	0.001	-15.2	0.5
DRAWDOWN	POND6	BASE	36.00	3.500	5.500	7963	-5.313	0.001	-15.3	0.5
DRAWDOWN	POND6	BASE	36.17	3.500	5.500	7963	-5.313	0.001	-15.4	0.5
DRAWDOWN	POND6	BASE	36.33	3.500	5.500	7963	-5.313	0.001	-15.4	0.5
DRAWDOWN	POND6	BASE	36.50	3.500	5.500	7963	-5.313	0.001	-15.5	0.5
DRAWDOWN	POND6	BASE	36.67	3.500	5.500	7963	-5.313	0.001	-15.6	0.5
DRAWDOWN	POND6	BASE	36.83	3.500	5.500	7963	-5.313	0.001	-15.7	0.5
DRAWDOWN	POND6	BASE	37.00	3.500	5.500	7963	-5.313	0.001	-15.7	0.5
DRAWDOWN	POND6	BASE	37.17	3.500	5.500	7963	-5.313	0.001	-15.8	0.5
DRAWDOWN	POND6	BASE	37.33	3.500	5.500	7963	-5.313	0.001	-15.9	0.5
DRAWDOWN	POND6	BASE	37.50	3.500	5.500	7963	-5.313	0.001	-15.9	0.5
DRAWDOWN	POND6	BASE	37.67	3.500	5.500	7963	-5.313	0.001	-16.0	0.5
DRAWDOWN	POND6	BASE	37.83	3.500	5.500	7963	-5.313	0.001	-16.1	0.5
DRAWDOWN	POND6	BASE	38.00	3.500	5.500	7963	-5.313	0.001	-16.2	0.5
DRAWDOWN	POND6	BASE	38.17	3.500	5.500	7963	-5.313	0.001	-16.2	0.5
DRAWDOWN	POND6	BASE	38.33	3.500	5.500	7963	-5.313	0.001	-16.3	0.5
DRAWDOWN	POND6	BASE	38.50	3.500	5.500	7963	-5.313	0.001	-16.4	0.5
DRAWDOWN	POND6	BASE	38.67	3.500	5.500	7963	-5.313	0.001	-16.5	0.5
DRAWDOWN	POND6	BASE	38.83	3.500	5.500	7963	-5.313	0.001	-16.5	0.5
DRAWDOWN	POND6	BASE	39.00	3.500	5.500	7963	-5.313	0.001	-16.6	0.5
DRAWDOWN	POND6	BASE	39.17	3.500	5.500	7963	-5.313	0.001	-16.7	0.5
DRAWDOWN	POND6	BASE	39.33	3.500	5.500	7963	-5.313	0.001	-16.8	0.5
DRAWDOWN	POND6	BASE	39.50	3.500	5.500	7963	-5.313	0.001	-16.8	0.5
DRAWDOWN	POND6	BASE	39.67	3.500	5.500	7963	-5.313	0.001	-16.9	0.5
DRAWDOWN	POND6	BASE	39.83	3.500	5.500	7963	-5.313	0.001	-17.0	0.5
DRAWDOWN	POND6	BASE	40.00	3.500	5.500	7963	-5.313	0.001	-17.0	0.5
DRAWDOWN	POND6	BASE	40.17	3.500	5.500	7963	-5.313	0.001	-17.1	0.5
DRAWDOWN	POND6	BASE	40.33	3.500	5.500	7963	-5.313	0.001	-17.2	0.5
DRAWDOWN	POND6	BASE	40.50	3.500	5.500	7963	-5.313	0.001	-17.3	0.5
DRAWDOWN	POND6	BASE	40.67	3.500	5.500	7963	-5.313	0.001	-17.3	0.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND6	BASE	40.83	3.500	5.500	7963	-5.313	0.001	-17.4	0.5
DRAWDOWN	POND6	BASE	41.00	3.500	5.500	7963	-5.313	0.001	-17.5	0.5
DRAWDOWN	POND6	BASE	41.17	3.500	5.500	7963	-5.313	0.001	-17.6	0.5
DRAWDOWN	POND6	BASE	41.33	3.500	5.500	7963	-5.313	0.001	-17.6	0.5
DRAWDOWN	POND6	BASE	41.50	3.500	5.500	7963	-5.313	0.001	-17.7	0.5
DRAWDOWN	POND6	BASE	41.67	3.500	5.500	7963	-5.313	0.001	-17.8	0.5
DRAWDOWN	POND6	BASE	41.83	3.500	5.500	7963	-5.313	0.001	-17.8	0.5
DRAWDOWN	POND6	BASE	42.00	3.500	5.500	7963	-5.313	0.001	-17.9	0.5
DRAWDOWN	POND6	BASE	42.17	3.500	5.500	7963	-5.313	0.001	-18.0	0.5
DRAWDOWN	POND6	BASE	42.33	3.500	5.500	7963	-5.313	0.001	-18.1	0.5
DRAWDOWN	POND6	BASE	42.50	3.500	5.500	7963	-5.313	0.001	-18.1	0.5
DRAWDOWN	POND6	BASE	42.67	3.500	5.500	7963	-5.313	0.001	-18.2	0.5
DRAWDOWN	POND6	BASE	42.83	3.500	5.500	7963	-5.313	0.001	-18.3	0.5
DRAWDOWN	POND6	BASE	43.00	3.500	5.500	7963	-5.313	0.001	-18.4	0.5
DRAWDOWN	POND6	BASE	43.17	3.500	5.500	7963	-5.313	0.001	-18.4	0.5
DRAWDOWN	POND6	BASE	43.33	3.500	5.500	7963	-5.313	0.001	-18.5	0.5
DRAWDOWN	POND6	BASE	43.50	3.500	5.500	7963	-5.313	0.001	-18.6	0.5
DRAWDOWN	POND6	BASE	43.67	3.500	5.500	7963	-5.313	0.001	-18.7	0.5
DRAWDOWN	POND6	BASE	43.83	3.500	5.500	7963	-5.313	0.001	-18.7	0.5
DRAWDOWN	POND6	BASE	44.00	3.500	5.500	7963	-5.313	0.001	-18.8	0.5
DRAWDOWN	POND6	BASE	44.17	3.500	5.500	7963	-5.313	0.001	-18.9	0.5
DRAWDOWN	POND6	BASE	44.33	3.500	5.500	7963	-5.313	0.001	-18.9	0.5
DRAWDOWN	POND6	BASE	44.50	3.500	5.500	7963	-5.313	0.001	-19.0	0.5
DRAWDOWN	POND6	BASE	44.67	3.500	5.500	7963	-5.313	0.001	-19.1	0.5
DRAWDOWN	POND6	BASE	44.83	3.500	5.500	7963	-5.313	0.001	-19.2	0.5
DRAWDOWN	POND6	BASE	45.00	3.500	5.500	7963	-5.313	0.001	-19.2	0.5
DRAWDOWN	POND6	BASE	45.17	3.500	5.500	7963	-5.313	0.001	-19.3	0.5
DRAWDOWN	POND6	BASE	45.33	3.500	5.500	7963	-5.313	0.001	-19.4	0.5
DRAWDOWN	POND6	BASE	45.50	3.500	5.500	7963	-5.313	0.001	-19.5	0.5
DRAWDOWN	POND6	BASE	45.67	3.500	5.500	7963	-5.313	0.001	-19.5	0.5
DRAWDOWN	POND6	BASE	45.83	3.500	5.500	7963	-5.313	0.001	-19.6	0.5
DRAWDOWN	POND6	BASE	46.00	3.500	5.500	7963	-5.313	0.001	-19.7	0.5
DRAWDOWN	POND6	BASE	46.17	3.500	5.500	7963	-5.313	0.001	-19.8	0.5
DRAWDOWN	POND6	BASE	46.33	3.500	5.500	7963	-5.313	0.001	-19.8	0.5
DRAWDOWN	POND6	BASE	46.50	3.500	5.500	7963	-5.313	0.001	-19.9	0.5
DRAWDOWN	POND6	BASE	46.67	3.500	5.500	7963	-5.313	0.001	-20.0	0.5
DRAWDOWN	POND6	BASE	46.83	3.500	5.500	7963	-5.313	0.001	-20.0	0.5
DRAWDOWN	POND6	BASE	47.00	3.500	5.500	7963	-5.313	0.001	-20.1	0.5
DRAWDOWN	POND6	BASE	47.17	3.500	5.500	7963	-5.313	0.001	-20.2	0.5
DRAWDOWN	POND6	BASE	47.33	3.500	5.500	7963	-5.313	0.001	-20.3	0.5
DRAWDOWN	POND6	BASE	47.50	3.500	5.500	7963	-5.313	0.001	-20.3	0.5
DRAWDOWN	POND6	BASE	47.67	3.500	5.500	7963	-5.313	0.001	-20.4	0.5
DRAWDOWN	POND6	BASE	47.83	3.500	5.500	7963	-5.313	0.001	-20.5	0.5
DRAWDOWN	POND6	BASE	48.00	3.500	5.500	7963	-5.313	0.001	-20.6	0.5
DRAWDOWN	POND6	BASE	48.17	3.500	5.500	7963	-5.313	0.001	-20.6	0.5
DRAWDOWN	POND6	BASE	48.33	3.500	5.500	7963	-5.313	0.001	-20.7	0.5
DRAWDOWN	POND6	BASE	48.50	3.500	5.500	7963	-5.313	0.001	-20.8	0.5
DRAWDOWN	POND6	BASE	48.67	3.500	5.500	7963	-5.313	0.001	-20.8	0.5
DRAWDOWN	POND6	BASE	48.83	3.500	5.500	7963	-5.313	0.001	-20.9	0.5
DRAWDOWN	POND6	BASE	49.00	3.500	5.500	7963	-5.313	0.001	-21.0	0.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND6	BASE	49.17	3.500	5.500	7963	-5.313	0.001	-21.1	0.5
DRAWDOWN	POND6	BASE	49.33	3.500	5.500	7963	-5.313	0.001	-21.1	0.5
DRAWDOWN	POND6	BASE	49.50	3.500	5.500	7963	-5.313	0.001	-21.2	0.5
DRAWDOWN	POND6	BASE	49.67	3.500	5.500	7963	-5.313	0.001	-21.3	0.5
DRAWDOWN	POND6	BASE	49.83	3.500	5.500	7963	-5.313	0.001	-21.4	0.5
DRAWDOWN	POND6	BASE	50.00	3.500	5.500	7963	-5.313	0.001	-21.4	0.5
DRAWDOWN	POND6	BASE	50.17	3.500	5.500	7963	-5.313	0.001	-21.5	0.5
DRAWDOWN	POND6	BASE	50.33	3.500	5.500	7963	-5.313	0.001	-21.6	0.5
DRAWDOWN	POND6	BASE	50.50	3.500	5.500	7963	-5.313	0.001	-21.7	0.5
DRAWDOWN	POND6	BASE	50.67	3.500	5.500	7963	-5.313	0.001	-21.7	0.5
DRAWDOWN	POND6	BASE	50.83	3.500	5.500	7963	-5.313	0.001	-21.8	0.5
DRAWDOWN	POND6	BASE	51.00	3.500	5.500	7963	-5.313	0.001	-21.9	0.5
DRAWDOWN	POND6	BASE	51.17	3.500	5.500	7963	-5.313	0.001	-21.9	0.5
DRAWDOWN	POND6	BASE	51.33	3.500	5.500	7963	-5.313	0.001	-22.0	0.5
DRAWDOWN	POND6	BASE	51.50	3.500	5.500	7963	-5.313	0.001	-22.1	0.5
DRAWDOWN	POND6	BASE	51.67	3.500	5.500	7963	-5.313	0.001	-22.2	0.5
DRAWDOWN	POND6	BASE	51.83	3.500	5.500	7963	-5.313	0.001	-22.2	0.5
DRAWDOWN	POND6	BASE	52.00	3.500	5.500	7963	-5.313	0.001	-22.3	0.5
DRAWDOWN	POND6	BASE	52.17	3.500	5.500	7963	-5.313	0.001	-22.4	0.5
DRAWDOWN	POND6	BASE	52.33	3.500	5.500	7963	-5.313	0.001	-22.5	0.5
DRAWDOWN	POND6	BASE	52.50	3.500	5.500	7963	-5.313	0.001	-22.5	0.5
DRAWDOWN	POND6	BASE	52.67	3.500	5.500	7963	-5.313	0.001	-22.6	0.5
DRAWDOWN	POND6	BASE	52.83	3.500	5.500	7963	-5.313	0.001	-22.7	0.5
DRAWDOWN	POND6	BASE	53.00	3.500	5.500	7963	-5.313	0.001	-22.8	0.5
DRAWDOWN	POND6	BASE	53.17	3.500	5.500	7963	-5.313	0.001	-22.8	0.5
DRAWDOWN	POND6	BASE	53.33	3.500	5.500	7963	-5.313	0.001	-22.9	0.5
DRAWDOWN	POND6	BASE	53.50	3.500	5.500	7963	-5.313	0.001	-23.0	0.5
DRAWDOWN	POND6	BASE	53.67	3.500	5.500	7963	-5.313	0.001	-23.0	0.5
DRAWDOWN	POND6	BASE	53.83	3.500	5.500	7963	-5.313	0.001	-23.1	0.5
DRAWDOWN	POND6	BASE	54.00	3.500	5.500	7963	-5.313	0.001	-23.2	0.5
DRAWDOWN	POND6	BASE	54.17	3.500	5.500	7963	-5.313	0.001	-23.3	0.5
DRAWDOWN	POND6	BASE	54.33	3.500	5.500	7963	-5.313	0.001	-23.3	0.5
DRAWDOWN	POND6	BASE	54.50	3.500	5.500	7963	-5.313	0.001	-23.4	0.5
DRAWDOWN	POND6	BASE	54.67	3.500	5.500	7963	-5.313	0.001	-23.5	0.5
DRAWDOWN	POND6	BASE	54.83	3.500	5.500	7963	-5.313	0.001	-23.6	0.5
DRAWDOWN	POND6	BASE	55.00	3.500	5.500	7963	-5.313	0.001	-23.6	0.5
DRAWDOWN	POND6	BASE	55.17	3.500	5.500	7963	-5.313	0.001	-23.7	0.5
DRAWDOWN	POND6	BASE	55.33	3.500	5.500	7963	-5.313	0.001	-23.8	0.5
DRAWDOWN	POND6	BASE	55.50	3.500	5.500	7963	-5.313	0.001	-23.8	0.5
DRAWDOWN	POND6	BASE	55.67	3.500	5.500	7963	-5.313	0.001	-23.9	0.5
DRAWDOWN	POND6	BASE	55.83	3.500	5.500	7963	-5.313	0.001	-24.0	0.5
DRAWDOWN	POND6	BASE	56.00	3.500	5.500	7963	-5.313	0.001	-24.1	0.5
DRAWDOWN	POND6	BASE	56.17	3.500	5.500	7963	-5.313	0.001	-24.1	0.5
DRAWDOWN	POND6	BASE	56.33	3.500	5.500	7963	-5.313	0.001	-24.2	0.5
DRAWDOWN	POND6	BASE	56.50	3.500	5.500	7963	-5.313	0.001	-24.3	0.5
DRAWDOWN	POND6	BASE	56.67	3.500	5.500	7963	-5.313	0.001	-24.4	0.5
DRAWDOWN	POND6	BASE	56.83	3.500	5.500	7963	-5.313	0.001	-24.4	0.5
DRAWDOWN	POND6	BASE	57.00	3.500	5.500	7963	-5.313	0.001	-24.5	0.5
DRAWDOWN	POND6	BASE	57.17	3.500	5.500	7963	-5.313	0.001	-24.6	0.5
DRAWDOWN	POND6	BASE	57.33	3.500	5.500	7963	-5.313	0.001	-24.7	0.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND6	BASE	57.50	3.500	5.500	7963	-5.313	0.001	-24.7	0.5
DRAWDOWN	POND6	BASE	57.67	3.500	5.500	7963	-5.313	0.001	-24.8	0.5
DRAWDOWN	POND6	BASE	57.83	3.500	5.500	7963	-5.313	0.001	-24.9	0.5
DRAWDOWN	POND6	BASE	58.00	3.500	5.500	7963	-5.313	0.001	-24.9	0.5
DRAWDOWN	POND6	BASE	58.17	3.500	5.500	7963	-5.313	0.001	-25.0	0.5
DRAWDOWN	POND6	BASE	58.33	3.500	5.500	7963	-5.313	0.001	-25.1	0.5
DRAWDOWN	POND6	BASE	58.50	3.500	5.500	7963	-5.313	0.001	-25.2	0.5
DRAWDOWN	POND6	BASE	58.67	3.500	5.500	7963	-5.313	0.001	-25.2	0.5
DRAWDOWN	POND6	BASE	58.83	3.500	5.500	7963	-5.313	0.001	-25.3	0.5
DRAWDOWN	POND6	BASE	59.00	3.500	5.500	7963	-5.313	0.001	-25.4	0.5
DRAWDOWN	POND6	BASE	59.17	3.500	5.500	7963	-5.313	0.001	-25.5	0.5
DRAWDOWN	POND6	BASE	59.33	3.500	5.500	7963	-5.313	0.001	-25.5	0.5
DRAWDOWN	POND6	BASE	59.50	3.500	5.500	7963	-5.313	0.001	-25.6	0.5
DRAWDOWN	POND6	BASE	59.67	3.500	5.500	7963	-5.313	0.001	-25.7	0.5
DRAWDOWN	POND6	BASE	59.83	3.500	5.500	7963	-5.313	0.001	-25.8	0.5
DRAWDOWN	POND6	BASE	60.00	3.500	5.500	7963	-5.313	0.001	-25.8	0.5
DRAWDOWN	POND6	BASE	60.17	3.500	5.500	7963	-5.313	0.001	-25.9	0.5
DRAWDOWN	POND6	BASE	60.33	3.500	5.500	7963	-5.313	0.001	-26.0	0.5
DRAWDOWN	POND6	BASE	60.50	3.500	5.500	7963	-5.313	0.001	-26.0	0.5
DRAWDOWN	POND6	BASE	60.67	3.500	5.500	7963	-5.313	0.001	-26.1	0.5
DRAWDOWN	POND6	BASE	60.83	3.500	5.500	7963	-5.313	0.001	-26.2	0.5
DRAWDOWN	POND6	BASE	61.00	3.500	5.500	7963	-5.313	0.001	-26.3	0.5
DRAWDOWN	POND6	BASE	61.17	3.500	5.500	7963	-5.313	0.001	-26.3	0.5
DRAWDOWN	POND6	BASE	61.33	3.500	5.500	7963	-5.313	0.001	-26.4	0.5
DRAWDOWN	POND6	BASE	61.50	3.500	5.500	7963	-5.313	0.001	-26.5	0.5
DRAWDOWN	POND6	BASE	61.67	3.500	5.500	7963	-5.313	0.001	-26.6	0.5
DRAWDOWN	POND6	BASE	61.83	3.500	5.500	7963	-5.313	0.001	-26.6	0.5
DRAWDOWN	POND6	BASE	62.00	3.500	5.500	7963	-5.313	0.001	-26.7	0.5
DRAWDOWN	POND6	BASE	62.17	3.500	5.500	7963	-5.313	0.001	-26.8	0.5
DRAWDOWN	POND6	BASE	62.33	3.500	5.500	7963	-5.313	0.001	-26.9	0.5
DRAWDOWN	POND6	BASE	62.50	3.500	5.500	7963	-5.313	0.001	-26.9	0.5
DRAWDOWN	POND6	BASE	62.67	3.500	5.500	7963	-5.313	0.001	-27.0	0.5
DRAWDOWN	POND6	BASE	62.83	3.500	5.500	7963	-5.313	0.001	-27.1	0.5
DRAWDOWN	POND6	BASE	63.00	3.500	5.500	7963	-5.313	0.001	-27.1	0.5
DRAWDOWN	POND6	BASE	63.17	3.500	5.500	7963	-5.313	0.001	-27.2	0.5
DRAWDOWN	POND6	BASE	63.33	3.500	5.500	7963	-5.313	0.001	-27.3	0.5
DRAWDOWN	POND6	BASE	63.50	3.500	5.500	7963	-5.313	0.001	-27.4	0.5
DRAWDOWN	POND6	BASE	63.67	3.500	5.500	7963	-5.313	0.001	-27.4	0.5
DRAWDOWN	POND6	BASE	63.83	3.500	5.500	7963	-5.313	0.001	-27.5	0.5
DRAWDOWN	POND6	BASE	64.00	3.500	5.500	7963	-5.313	0.001	-27.6	0.5
DRAWDOWN	POND6	BASE	64.17	3.500	5.500	7963	-5.313	0.001	-27.7	0.5
DRAWDOWN	POND6	BASE	64.33	3.500	5.500	7963	-5.313	0.001	-27.7	0.5
DRAWDOWN	POND6	BASE	64.50	3.500	5.500	7963	-5.313	0.001	-27.8	0.5
DRAWDOWN	POND6	BASE	64.67	3.500	5.500	7963	-5.313	0.001	-27.9	0.5
DRAWDOWN	POND6	BASE	64.83	3.500	5.500	7963	-5.313	0.001	-27.9	0.5
DRAWDOWN	POND6	BASE	65.00	3.500	5.500	7963	-5.313	0.001	-28.0	0.5
DRAWDOWN	POND6	BASE	65.17	3.500	5.500	7963	-5.313	0.001	-28.1	0.5
DRAWDOWN	POND6	BASE	65.33	3.500	5.500	7963	-5.313	0.001	-28.2	0.5
DRAWDOWN	POND6	BASE	65.50	3.500	5.500	7963	-5.313	0.001	-28.2	0.5
DRAWDOWN	POND6	BASE	65.67	3.500	5.500	7963	-5.313	0.001	-28.3	0.5

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND6	BASE	65.83	3.500	5.500	7963	-5.313	0.001	-28.4	0.5
DRAWDOWN	POND6	BASE	66.00	3.500	5.500	7963	-5.313	0.001	-28.5	0.5
DRAWDOWN	POND6	BASE	66.17	3.500	5.500	7963	-5.313	0.001	-28.5	0.5
DRAWDOWN	POND6	BASE	66.33	3.500	5.500	7963	-5.313	0.001	-28.6	0.5
DRAWDOWN	POND6	BASE	66.50	3.500	5.500	7963	-5.313	0.001	-28.7	0.5
DRAWDOWN	POND6	BASE	66.67	3.500	5.500	7963	-5.313	0.001	-28.8	0.5
DRAWDOWN	POND6	BASE	66.83	3.500	5.500	7963	-5.313	0.001	-28.8	0.5
DRAWDOWN	POND6	BASE	67.00	3.500	5.500	7963	-5.313	0.001	-28.9	0.5
DRAWDOWN	POND6	BASE	67.17	3.500	5.500	7963	-5.313	0.001	-29.0	0.5
DRAWDOWN	POND6	BASE	67.33	3.500	5.500	7963	-5.313	0.001	-29.0	0.5
DRAWDOWN	POND6	BASE	67.50	3.500	5.500	7963	-5.313	0.001	-29.1	0.5
DRAWDOWN	POND6	BASE	67.67	3.500	5.500	7963	-5.313	0.001	-29.2	0.5
DRAWDOWN	POND6	BASE	67.83	3.500	5.500	7963	-5.313	0.001	-29.3	0.5
DRAWDOWN	POND6	BASE	68.00	3.500	5.500	7963	-5.313	0.001	-29.3	0.5
DRAWDOWN	POND6	BASE	68.17	3.500	5.500	7963	-5.313	0.001	-29.4	0.5
DRAWDOWN	POND6	BASE	68.33	3.500	5.500	7963	-5.313	0.001	-29.5	0.5
DRAWDOWN	POND6	BASE	68.50	3.500	5.500	7963	-5.313	0.001	-29.6	0.5
DRAWDOWN	POND6	BASE	68.67	3.500	5.500	7963	-5.313	0.001	-29.6	0.5
DRAWDOWN	POND6	BASE	68.83	3.500	5.500	7963	-5.313	0.001	-29.7	0.5
DRAWDOWN	POND6	BASE	69.00	3.500	5.500	7963	-5.313	0.001	-29.8	0.5
DRAWDOWN	POND6	BASE	69.17	3.500	5.500	7963	-5.313	0.001	-29.9	0.5
DRAWDOWN	POND6	BASE	69.33	3.500	5.500	7963	-5.313	0.001	-29.9	0.5
DRAWDOWN	POND6	BASE	69.50	3.500	5.500	7963	-5.313	0.001	-30.0	0.5
DRAWDOWN	POND6	BASE	69.67	3.500	5.500	7963	-5.313	0.001	-30.1	0.5
DRAWDOWN	POND6	BASE	69.83	3.500	5.500	7963	-5.313	0.001	-30.1	0.5
DRAWDOWN	POND6	BASE	70.00	3.500	5.500	7963	-5.313	0.001	-30.2	0.5
DRAWDOWN	POND6	BASE	70.17	3.500	5.500	7963	-5.313	0.001	-30.3	0.5
DRAWDOWN	POND6	BASE	70.33	3.500	5.500	7963	-5.313	0.001	-30.4	0.5
DRAWDOWN	POND6	BASE	70.50	3.500	5.500	7963	-5.313	0.001	-30.4	0.5
DRAWDOWN	POND6	BASE	70.67	3.500	5.500	7963	-5.313	0.001	-30.5	0.5
DRAWDOWN	POND6	BASE	70.83	3.500	5.500	7963	-5.313	0.001	-30.6	0.5
DRAWDOWN	POND6	BASE	71.00	3.500	5.500	7963	-5.313	0.001	-30.7	0.5
DRAWDOWN	POND6	BASE	71.17	3.500	5.500	7963	-5.313	0.001	-30.7	0.5
DRAWDOWN	POND6	BASE	71.33	3.500	5.500	7963	-5.313	0.001	-30.8	0.5
DRAWDOWN	POND6	BASE	71.50	3.500	5.500	7963	-5.313	0.001	-30.9	0.5
DRAWDOWN	POND6	BASE	71.67	3.500	5.500	7963	-5.313	0.001	-30.9	0.5
DRAWDOWN	POND6	BASE	71.83	3.500	5.500	7963	-5.313	0.001	-31.0	0.5
DRAWDOWN	POND6	BASE	72.00	3.500	5.500	7963	-5.313	0.001	-31.1	0.5
DRAWDOWN	POND6	BASE	72.00	3.500	5.500	7963	-5.313	0.001	-31.1	0.5

Laird Point - Phase 2
Basin 2B
DD Basin Max Report

Simulation	Basin	Group	Time Max hrs	Flow Max cfs	Volume in	Volume ft3
DRAWDOWN	B-32	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-33	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-34	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-35	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-37	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-38	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-40	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-41	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-42	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-43	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-44	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-45	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-47	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-48	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-49	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-51	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-52	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-53	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-POND3	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-POND4	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-POND5	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-POND6	BASE	0.00	0.000	0.000	0.000

Name: FP1END Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.500	0.0001
2.830	0.0008
3.170	0.0016
5.500	0.0018

Name: FP2END Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.000	0.0001
2.330	0.0008
2.670	0.0016
5.500	0.0018

Name: INFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.500
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.500	0.0001
5.500	0.0001

Name: OUTFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.000	0.0001
5.500	0.0001

Name: POND3 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
-1.700	0.0004
3.990	0.0004
4.000	0.1372
4.500	0.1534
5.000	0.1704
5.500	0.1882

Name: POND4 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
-1.700	0.0004
3.990	0.0004
4.000	0.1040
4.500	0.1177
5.000	0.1322
5.500	0.1474

Name: POND5 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
-2.300	0.0004
3.990	0.0004
4.000	0.0717
4.500	0.0829
5.000	0.0949
5.500	0.1075

Name: POND6 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
-2.500	0.0001
3.490	0.0001
3.500	0.1827
4.000	0.2160
4.500	0.2501
5.000	0.2739
5.500	0.2953

Name: S-32 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.380
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-33 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.380
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-34 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-35 Base Flow(cfs): 0.000 Init Stage(ft): 2.800

Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-36 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.230
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-37 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-38 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-39 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.290
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-40 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.190
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-41 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.190
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-42 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-43 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-44 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.080
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-45 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.080
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-47 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.430
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)
-1.700	0.0001
6.430	0.0001

Name: S-48 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.080
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-49 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.080
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-51 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.430
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

-1.900	0.0001
6.430	0.0001

Name: S-52 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-53 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.130
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-54 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.320
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)
-2.100	0.0001
7.320	0.0001

Name: S-56 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.500
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)
-2.500	0.0001
6.500	0.0001

Name: S-57 Base Flow(cfs): 0.000 Init Stage(ft): 4.600
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.500
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)
-2.700	0.0001
6.500	0.0001

Name: WETLAND Base Flow(cfs): 0.000 Init Stage(ft): 2.000
Group: BASE Warn Stage(ft): 2.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	2.000
24.00	2.000

Name:	CULVERT	From Node:	OUTFALL	Length(ft):	6.52
Group:	BASE	To Node:	WETLAND	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	12.00	12.00		Entrance Loss Coef:	0.30
Rise(in):	12.00	12.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	2.000		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	FP1	From Node:	INFALL	Length(ft):	370.48
Group:	BASE	To Node:	FP1END	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.700	2.700		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

FILTER PIPE No. 1

Name:	FP2	From Node:	FP2END	Length(ft):	370.48
Group:	BASE	To Node:	OUTFALL	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	2.200		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

FILTER PIPE No. 1

Name:	L-32	From Node:	S-32	Length(ft):	24.25
Group:	BASE	To Node:	S-33	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both

Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.500	2.000	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-33	From Node: S-33	Length(ft):	85.41
Group:	BASE	To Node: S-39	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	1.750	0.850	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-34	From Node: S-34	Length(ft):	73.72
Group:	BASE	To Node: S-36	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	2.350	1.850	Bend Loss Coef:	0.17
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-35	From Node: S-35	Length(ft):	73.89
Group:	BASE	To Node: S-36	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	2.350	1.850	Bend Loss Coef:	0.47
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc

Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-36		From Node: S-36	Length(ft):	85.20
Group:	BASE		To Node: S-38	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	24.00	24.00		Entrance Loss Coef:	0.20
Rise(in):	24.00	24.00		Exit Loss Coef:	1.00
Invert(ft):	1.350	0.850		Bend Loss Coef:	0.17
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-37		From Node: S-37	Length(ft):	24.25
Group:	BASE		To Node: S-38	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	15.00	15.00		Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00		Exit Loss Coef:	1.00
Invert(ft):	2.500	1.600		Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-38		From Node: S-38	Length(ft):	92.32
Group:	BASE		To Node: S-39	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	24.00	24.00		Entrance Loss Coef:	0.20
Rise(in):	24.00	24.00		Exit Loss Coef:	1.00
Invert(ft):	0.850	0.350		Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-39	From Node:	S-39	Length(ft): 105.49
Group:	BASE	To Node:	S-41	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	30.00	30.00		Entrance Loss Coef: 0.20
Rise(in):	30.00	30.00		Exit Loss Coef: 1.00
Invert(ft):	-0.150	-0.650		Bend Loss Coef: 0.17
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-40	From Node:	S-40	Length(ft): 24.25
Group:	BASE	To Node:	S-41	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	15.00	15.00		Entrance Loss Coef: 0.20
Rise(in):	15.00	15.00		Exit Loss Coef: 1.00
Invert(ft):	2.500	0.600		Bend Loss Coef: 0.91
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-41	From Node:	S-41	Length(ft): 192.92
Group:	BASE	To Node:	S-43	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	30.00	30.00		Entrance Loss Coef: 0.20
Rise(in):	30.00	30.00		Exit Loss Coef: 1.00
Invert(ft):	-0.650	-1.150		Bend Loss Coef: 0.39
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-42	From Node: S-42	Length(ft): 24.25
Group:	BASE	To Node: S-43	Count: 1
			Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	15.00	15.00	Entrance Loss Coef: 0.20
Rise(in):	15.00	15.00	Exit Loss Coef: 1.00
Invert(ft):	2.500	0.100	Bend Loss Coef: 0.33
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-43	From Node: S-43	Length(ft): 50.51
Group:	BASE	To Node: POND5	Count: 1
			Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: None
Span(in):	36.00	36.00	Entrance Loss Coef: 0.20
Rise(in):	36.00	36.00	Exit Loss Coef: 1.00
Invert(ft):	-1.650	-2.300	Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-44	From Node: S-44	Length(ft): 178.94
Group:	BASE	To Node: S-45	Count: 1
			Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular	Flow: Both
Span(in):	18.00	18.00	Entrance Loss Coef: 0.20
Rise(in):	18.00	18.00	Exit Loss Coef: 1.00
Invert(ft):	2.300	1.000	Bend Loss Coef: 0.17
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-45	From Node: S-45	Length(ft): 35.98
Group:	BASE	To Node: POND3	Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	18.00	18.00
Rise(in):	18.00	18.00
Invert(ft):	1.000	0.500
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: None
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.58
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-46 | From Node: POND3 | Length(ft): 58.33
Group: BASE | To Node: S-47 | Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	36.00	36.00
Rise(in):	36.00	36.00
Invert(ft):	-1.000	-1.500
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.00
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-47 | From Node: S-47 | Length(ft): 24.25
Group: BASE | To Node: S-51 | Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	36.00	36.00
Rise(in):	36.00	36.00
Invert(ft):	-1.500	-1.900
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.70
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-48 | From Node: S-48 | Length(ft): 178.94
Group: BASE | To Node: S-49 | Count: 1

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	18.00	18.00
Rise(in):	18.00	18.00

Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00

Invert(ft):	2.300	1.000	Bend Loss Coef:	0.17
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-49 From Node: S-49 Length(ft): 42.22
Group: BASE To Node: POND4 Count: 1
Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: None
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.58
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	18.00	18.00
Rise(in):	18.00	18.00
Invert(ft):	1.000	0.000
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-50 From Node: POND4 Length(ft): 32.72
Group: BASE To Node: S-51 Count: 1
Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.70
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	36.00	36.00
Rise(in):	36.00	36.00
Invert(ft):	-1.500	-1.900
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name: L-51 From Node: S-51 Length(ft): 55.26
Group: BASE To Node: S-54 Count: 1
Friction Equation: Automatic
Solution Algorithm: Most Restrictive
Flow: Both
Entrance Loss Coef: 0.20
Exit Loss Coef: 1.00
Bend Loss Coef: 0.43
Outlet Ctrl Spec: Use dc or tw
Inlet Ctrl Spec: Use dc
Stabilizer Option: None

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	42.00	42.00
Rise(in):	42.00	42.00
Invert(ft):	-2.400	-2.600
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-52	From Node:	S-52	Length(ft): 24.25
Group:	BASE	To Node:	S-53	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	15.00	15.00		Entrance Loss Coef: 0.20
Rise(in):	15.00	15.00		Exit Loss Coef: 1.00
Invert(ft):	2.500	1.750		Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-53	From Node:	S-53	Length(ft): 86.14
Group:	BASE	To Node:	S-54	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: None
Span(in):	18.00	18.00		Entrance Loss Coef: 0.20
Rise(in):	18.00	18.00		Exit Loss Coef: 1.00
Invert(ft):	1.500	-0.600		Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-54	From Node:	S-54	Length(ft): 71.45
Group:	BASE	To Node:	POND5	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	42.00	42.00		Entrance Loss Coef: 0.20
Rise(in):	42.00	42.00		Exit Loss Coef: 1.00
Invert(ft):	-2.600	-2.800		Bend Loss Coef: 0.47
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-55	From Node:	POND5	Length(ft):	52.26
Group:	BASE	To Node:	S-56	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	42.00	42.00		Entrance Loss Coef:	0.20
Rise(in):	42.00	42.00		Exit Loss Coef:	1.00
Invert(ft):	-2.800	-3.000		Bend Loss Coef:	0.47
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-56	From Node:	S-56	Length(ft):	45.83
Group:	BASE	To Node:	S-57	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	42.00	42.00		Entrance Loss Coef:	0.20
Rise(in):	42.00	42.00		Exit Loss Coef:	1.00
Invert(ft):	-3.000	-3.200		Bend Loss Coef:	0.28
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-57	From Node:	S-57	Length(ft):	56.51
Group:	BASE	To Node:	POND6	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	42.00	42.00		Entrance Loss Coef:	0.20
Rise(in):	42.00	42.00		Exit Loss Coef:	1.00
Invert(ft):	-3.200	-3.400		Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

BASIN 2C

Laird Point - Phase 2
Basin 2C
DD Node Time Series Report

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND7	BASE	0.00	4.500	5.510	15886	0.000	18.261	0.0	0.0
DRAWDOWN	POND7	BASE	1.00	4.427	5.510	15554	0.000	-0.048	0.0	0.8
DRAWDOWN	POND7	BASE	2.00	4.385	5.510	15361	0.000	0.179	0.0	0.8
DRAWDOWN	POND7	BASE	3.00	4.343	5.510	15170	0.000	0.176	0.0	0.8
DRAWDOWN	POND7	BASE	4.00	4.302	5.510	14981	0.000	0.165	0.0	0.8
DRAWDOWN	POND7	BASE	5.00	4.260	5.510	14793	0.000	0.099	0.0	0.8
DRAWDOWN	POND7	BASE	6.00	4.220	5.510	14607	0.000	0.165	0.0	0.8
DRAWDOWN	POND7	BASE	7.00	4.179	5.510	14422	0.000	0.161	0.0	0.8
DRAWDOWN	POND7	BASE	8.00	4.139	5.510	14240	0.000	0.157	0.0	0.8
DRAWDOWN	POND7	BASE	9.00	4.100	5.510	14059	0.000	0.154	0.0	0.8
DRAWDOWN	POND7	BASE	10.00	4.061	5.510	13880	0.000	0.150	0.0	0.9
DRAWDOWN	POND7	BASE	11.00	4.022	5.510	13703	0.000	0.147	0.0	0.9
DRAWDOWN	POND7	BASE	12.00	3.983	5.510	13529	0.000	0.143	0.0	0.9
DRAWDOWN	POND7	BASE	13.00	3.945	5.510	13358	0.000	0.148	0.0	0.9
DRAWDOWN	POND7	BASE	14.00	3.908	5.510	13190	0.000	0.137	0.0	0.9
DRAWDOWN	POND7	BASE	15.00	3.871	5.510	13024	0.000	0.133	0.0	0.9
DRAWDOWN	POND7	BASE	16.00	3.834	5.510	12859	0.000	0.130	0.0	0.9
DRAWDOWN	POND7	BASE	17.00	3.798	5.510	12697	0.000	0.127	0.0	0.9
DRAWDOWN	POND7	BASE	18.00	3.762	5.510	12536	0.000	0.123	0.0	1.0
DRAWDOWN	POND7	BASE	19.00	3.727	5.510	12378	0.000	0.120	0.0	1.0
DRAWDOWN	POND7	BASE	20.00	3.693	5.510	12222	0.000	0.117	0.0	1.0
DRAWDOWN	POND7	BASE	21.00	3.658	5.510	12067	0.000	0.114	0.0	1.0
DRAWDOWN	POND7	BASE	22.00	3.624	5.510	11915	0.000	0.120	0.0	1.0
DRAWDOWN	POND7	BASE	23.00	3.591	5.510	11765	0.000	0.108	0.0	1.0
DRAWDOWN	POND7	BASE	24.00	3.558	5.510	11618	0.000	0.105	0.0	1.0
DRAWDOWN	POND7	BASE	25.00	3.526	5.510	11472	0.000	0.102	0.0	1.0
DRAWDOWN	POND7	BASE	26.00	3.504	5.510	11374	0.000	-0.011	0.0	1.0
DRAWDOWN	POND7	BASE	27.00	3.499	5.510	10603	0.000	0.048	0.0	1.0
DRAWDOWN	POND7	BASE	28.00	3.499	5.510	10615	0.000	0.093	0.0	1.0
DRAWDOWN	POND7	BASE	29.00	3.499	5.510	10604	0.000	0.048	0.0	1.0
DRAWDOWN	POND7	BASE	30.00	3.499	5.510	10604	0.000	0.048	0.0	1.0
DRAWDOWN	POND7	BASE	31.00	3.499	5.510	10607	0.000	0.060	0.0	1.0
DRAWDOWN	POND7	BASE	32.00	3.499	5.510	10604	0.000	0.048	0.0	1.0
DRAWDOWN	POND7	BASE	33.00	3.499	5.510	10605	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	34.00	3.499	5.510	10605	0.000	0.049	0.0	1.1
DRAWDOWN	POND7	BASE	35.00	3.499	5.510	10605	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	36.00	3.499	5.510	10608	0.000	0.060	0.0	1.1
DRAWDOWN	POND7	BASE	37.00	3.499	5.510	10605	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	38.00	3.499	5.510	10605	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	39.00	3.499	5.510	10606	0.000	0.049	0.0	1.1
DRAWDOWN	POND7	BASE	40.00	3.499	5.510	10606	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	41.00	3.499	5.510	10617	0.000	0.093	0.0	1.1
DRAWDOWN	POND7	BASE	42.00	3.499	5.510	10606	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	43.00	3.499	5.510	10606	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	44.00	3.499	5.510	10607	0.000	0.052	0.0	1.1
DRAWDOWN	POND7	BASE	45.00	3.499	5.510	10607	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	46.00	3.499	5.510	10618	0.000	0.093	0.0	1.1
DRAWDOWN	POND7	BASE	47.00	3.499	5.510	10607	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	48.00	3.499	5.510	10607	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	49.00	3.499	5.510	10608	0.000	0.052	0.0	1.1

Simulation	Node	Group	Time hrs	Stage ft	Warning Stage ft	Surface Area ft2	Total Inflow cfs	Total Outflow cfs	Total Vol In af	Total Vol Out af
DRAWDOWN	POND7	BASE	50.00	3.499	5.510	10608	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	51.00	3.499	5.510	10608	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	52.00	3.499	5.510	10608	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	53.00	3.499	5.510	10608	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	54.00	3.499	5.510	10611	0.000	0.060	0.0	1.1
DRAWDOWN	POND7	BASE	55.00	3.499	5.510	10609	0.000	0.048	0.0	1.1
DRAWDOWN	POND7	BASE	56.00	3.499	5.510	10609	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	57.00	3.499	5.510	10609	0.000	0.049	0.0	1.2
DRAWDOWN	POND7	BASE	58.00	3.499	5.510	10609	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	59.00	3.499	5.510	10621	0.000	0.093	0.0	1.2
DRAWDOWN	POND7	BASE	60.00	3.499	5.510	10610	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	61.00	3.499	5.510	10610	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	62.00	3.499	5.510	10610	0.000	0.049	0.0	1.2
DRAWDOWN	POND7	BASE	63.00	3.499	5.510	10610	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	64.00	3.499	5.510	10622	0.000	0.093	0.0	1.2
DRAWDOWN	POND7	BASE	65.00	3.499	5.510	10611	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	66.00	3.499	5.510	10578	0.000	0.093	0.0	1.2
DRAWDOWN	POND7	BASE	67.00	3.499	5.510	10567	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	68.00	3.499	5.510	10567	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	69.00	3.499	5.510	10568	0.000	0.052	0.0	1.2
DRAWDOWN	POND7	BASE	70.00	3.499	5.510	10567	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	71.00	3.499	5.510	10568	0.000	0.048	0.0	1.2
DRAWDOWN	POND7	BASE	72.00	3.499	5.510	10568	0.000	0.049	0.0	1.2

Laird Point - Phase 2
Basin 2C
DD Basin Max Report

Simulation	Basin	Group	Time Max hrs	Flow Max cfs	Volume in	Volume ft3
DRAWDOWN	B-70	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-71	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-73	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-74	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-76	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-77	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-79	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-80	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-81	BASE	0.00	0.000	0.000	0.000
DRAWDOWN	B-POND7	BASE	0.00	0.000	0.000	0.000

Laird Point - Phase 2
Basin 2C
DD Node Input Report

Name: FP1END Base Flow(cfs): 0.000 Init Stage(ft): 2.700
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.500	0.0001
2.830	0.0008
3.170	0.0016
5.500	0.0018

Name: FP2END Base Flow(cfs): 0.000 Init Stage(ft): 2.200
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Volume

Stage(ft)	Volume(af)
2.000	0.0001
2.330	0.0008
2.670	0.0016
5.500	0.0018

Name: INFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.700
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.500	0.0001
5.500	0.0001

Name: OUTFALL Base Flow(cfs): 0.000 Init Stage(ft): 2.200
Group: BASE Warn Stage(ft): 5.500
Type: Stage/Area

Stage(ft)	Area(ac)
2.000	0.0001
5.500	0.0001

Name: POND7 Base Flow(cfs): 0.000 Init Stage(ft): 4.500
Group: BASE Warn Stage(ft): 5.510
Type: Stage/Area

Stage(ft)	Area(ac)
-0.500	0.0004
3.490	0.0004
3.500	0.2607
4.000	0.3123
4.500	0.3647
5.000	0.3896
5.500	0.4146

Name: S-70 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.210
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-71 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.210
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-72 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.230
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-73 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.200
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-74 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.200
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-75 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 7.170
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-76 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.200
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-77 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 6.200
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-79 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.900
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-80 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.890
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: S-81 Base Flow(cfs): 0.000 Init Stage(ft): 2.800
Group: BASE Plunge Factor: 1.00 Warn Stage(ft): 5.900
Type: Manhole, Flat Floor

Stage(ft)	Area(ac)

Name: WETLAND Base Flow(cfs): 0.000 Init Stage(ft): 1.950
Group: BASE Warn Stage(ft): 2.000
Type: Time/Stage

Time(hrs)	Stage(ft)
0.00	2.000
24.00	2.000

Name:	CULVERT	From Node:	OUTFALL	Length(ft):	10.83
Group:	BASE	To Node:	WETLAND	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	12.00	12.00		Entrance Loss Coef:	0.30
Rise(in):	12.00	12.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	1.750		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Downstream FHWA Inlet Edge Description:
Circular: Rough tapered inlet throat

Name:	FP1	From Node:	INFALL	Length(ft):	281.40
Group:	BASE	To Node:	FP1END	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.700	2.700		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	FP2	From Node:	FP2END	Length(ft):	281.40
Group:	BASE	To Node:	OUTFALL	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both
Span(in):	8.00	8.00		Entrance Loss Coef:	0.30
Rise(in):	8.00	8.00		Exit Loss Coef:	1.00
Invert(ft):	2.200	2.200		Bend Loss Coef:	0.00
Manning's N:	0.013000	0.013000		Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-70	From Node:	S-70	Length(ft):	24.25
Group:	BASE	To Node:	S-71	Count:	1
				Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular		Flow:	Both

Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.500	1.950	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-71	From Node: S-71	Length(ft):	119.13
Group:	BASE	To Node: S-72	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	18.00	18.00	Entrance Loss Coef:	0.20
Rise(in):	18.00	18.00	Exit Loss Coef:	1.00
Invert(ft):	1.700	1.150	Bend Loss Coef:	0.39
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-72	From Node: S-72	Length(ft):	106.68
Group:	BASE	To Node: S-76	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	24.00	24.00	Entrance Loss Coef:	0.20
Rise(in):	24.00	24.00	Exit Loss Coef:	1.00
Invert(ft):	0.650	0.350	Bend Loss Coef:	0.00
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc
Bot Clip(in):	0.000	0.000	Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-73	From Node: S-73	Length(ft):	24.25
Group:	BASE	To Node: S-74	Count:	1
			Friction Equation:	Automatic
	UPSTREAM	DOWNSTREAM	Solution Algorithm:	Most Restrictive
Geometry:	Circular	Circular	Flow:	Both
Span(in):	15.00	15.00	Entrance Loss Coef:	0.20
Rise(in):	15.00	15.00	Exit Loss Coef:	1.00
Invert(ft):	2.500	1.950	Bend Loss Coef:	0.70
Manning's N:	0.012000	0.012000	Outlet Ctrl Spec:	Use dc or tw
Top Clip(in):	0.000	0.000	Inlet Ctrl Spec:	Use dc

Bot Clip(in):	0.000	0.000	Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-74		From Node:	S-74	Length(ft): 106.64
Group:	BASE		To Node:	S-75	Count: 1
					Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM			Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular			Flow: Both
Span(in):	18.00	18.00			Entrance Loss Coef: 0.20
Rise(in):	18.00	18.00			Exit Loss Coef: 1.00
Invert(ft):	1.700	1.150			Bend Loss Coef: 0.39
Manning's N:	0.012000	0.012000			Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000			Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000			Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-75		From Node:	S-75	Length(ft): 106.68
Group:	BASE		To Node:	S-76	Count: 1
					Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM			Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular			Flow: Both
Span(in):	24.00	24.00			Entrance Loss Coef: 0.20
Rise(in):	24.00	24.00			Exit Loss Coef: 1.00
Invert(ft):	0.650	0.350			Bend Loss Coef: 0.70
Manning's N:	0.012000	0.012000			Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000			Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000			Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-76		From Node:	S-76	Length(ft): 24.25
Group:	BASE		To Node:	S-77	Count: 1
					Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM			Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular			Flow: Both
Span(in):	24.00	24.00			Entrance Loss Coef: 0.20
Rise(in):	24.00	24.00			Exit Loss Coef: 1.00
Invert(ft):	0.350	0.000			Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000			Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000			Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000			Stabilizer Option: None

Upstream FHWA Inlet Edge Description:

Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-77	From Node:	S-77	Length(ft): 120.64
Group:	BASE	To Node:	POND7	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: None
Span(in):	30.00	30.00		Entrance Loss Coef: 0.20
Rise(in):	30.00	30.00		Exit Loss Coef: 1.00
Invert(ft):	-0.500	-1.000		Bend Loss Coef: 0.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-79	From Node:	S-79	Length(ft): 157.63
Group:	BASE	To Node:	S-80	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	24.00	24.00		Entrance Loss Coef: 0.20
Rise(in):	24.00	24.00		Exit Loss Coef: 1.00
Invert(ft):	1.000	0.500		Bend Loss Coef: 1.00
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-80	From Node:	S-80	Length(ft): 227.96
Group:	BASE	To Node:	S-81	Count: 1
				Friction Equation: Automatic
	UPSTREAM	DOWNSTREAM		Solution Algorithm: Most Restrictive
Geometry:	Circular	Circular		Flow: Both
Span(in):	24.00	24.00		Entrance Loss Coef: 0.20
Rise(in):	24.00	24.00		Exit Loss Coef: 1.00
Invert(ft):	0.500	0.000		Bend Loss Coef: 0.62
Manning's N:	0.012000	0.012000		Outlet Ctrl Spec: Use dc or tw
Top Clip(in):	0.000	0.000		Inlet Ctrl Spec: Use dc
Bot Clip(in):	0.000	0.000		Stabilizer Option: None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Name:	L-81	From Node:	S-81
Group:	BASE	To Node:	POND7

	UPSTREAM	DOWNSTREAM
Geometry:	Circular	Circular
Span(in):	30.00	30.00
Rise(in):	30.00	30.00
Invert(ft):	-0.500	-1.000
Manning's N:	0.012000	0.012000
Top Clip(in):	0.000	0.000
Bot Clip(in):	0.000	0.000

Length(ft):	76.72
Count:	1
Friction Equation:	Automatic
Solution Algorithm:	Most Restrictive
Flow:	None
Entrance Loss Coef:	0.20
Exit Loss Coef:	1.00
Bend Loss Coef:	0.00
Outlet Ctrl Spec:	Use dc or tw
Inlet Ctrl Spec:	Use dc
Stabilizer Option:	None

Upstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

Downstream FHWA Inlet Edge Description:
Circular Concrete: Square edge w/ headwall

- Operation & Maintenance Plan
- Sample Inspection Log Form

STORMWATER OPERATION AND MAINTENANCE PLAN
(Retention/Detention Facilities)

To facilitate retention/detention area function in accordance with the system design and permit conditions and maintain the facility design capacity, sediment must be removed occasionally and adequate resources must be committed to control vector production and insure proper operation. Unless carefully maintained, retention/detention facilities can become plugged and a nuisance due to mosquito breeding. Routine and periodic maintenance conducted as part of a proactive management plan is crucial to the performance of the system and the degradation of surface waters. Failure to maintain facilities consistent with permit conditions may result in regulatory compliance action including penalties and fines. Following is a list of inspection and maintenance activities:

Routine Inspection Activities	**Suggested Frequency**
Inspect for invasive vegetation, trash and debris, clogging of inlet/outlet structures, orifice and skimmer, excessive erosion, sediment buildup in basin or outlet, bank stability, and density of the turf grass. Monitor drains and check for prolonged ponding, and signs of flooding.	Semi-annual, after significant storms, or more frequently as needed
Inspect mechanical component condition of inlet and outlet structures, pipes, orifice, skimmers, weir and upstream and downstream channel conditions.	Annual
Inspect for Infiltration. Observe the amount of time required for facility to drain. If facility holds water for more than 72 hours following rainfall event, aerate bottom using a spiked sod aerator followed by observance of next event. If performance does not improve consult professional.	After each rainfall event
Note: During inspections, observe changes to the ponds or the contributing watershed as these may affect basin performance.	

Periodic Maintenance Activities	**Suggested Frequency**
Remove sediment from outlet structure(s). Dispose of properly. Remove accumulated trash and debris in the basin(s), inlet/outlet structures, side slopes and collection system as required. Repair undercut areas and erosion to banks and basin(s).	Semi-annual or after significant storms
Perform mowing and landscape maintenance during the growing season. Minimize use of fertilizers and pesticides. Bag clippings.	Monthly
Remove weeds and undesirable growth upon discovery.	Monthly
Re-grade and re-stabilize facilities as required to maintain the approved design, cross-section, line, and grade.	As required
Remove sediment from facilities when accumulation reaches four (4) inches. Measure accumulation annually.	As needed

Mandatory Professional Inspection	**Required Frequency**
A maintenance inspection must be conducted by a registered professional using the plans, calculations and specifications approved by the FDEP and/or NWFWMD. The inspection must be documented on the FDEP and/or NWFWMD standard inspection form 62-346.900(8) "Operation and Maintenance Inspection Certification", signed, sealed and dated by the registered professional, and submitted to either the FDEP or NWFWMD within 30 days of the inspection.	Every 3 years

STORMWATER OPERATION AND MAINTENANCE PLAN
(General Facilities and Infrastructure)

In order to enable the stormwater management facilities to function in accordance with the system design and permit conditions, routine and periodic maintenance of stormwater collection and conveyance systems and areas subject to stormwater runoff is required. Routine and periodic maintenance conducted as part of a proactive management plan is crucial to the performance of the system and the degradation of surface waters. Failure to maintain facilities consistent with permit conditions may result in regulatory compliance action including penalties and fines. Following is a list of inspection and maintenance activities:

Routine Inspection Activities	Suggested Frequency
Pavement Areas – Inspect and clean/sweep debris and dirt as required to prevent sedimentation of stormwater management facilities.	After each rainfall event.
Stormwater Structures – Inspect and remove all debris and foreign materials from yard drains, grate inlets, catch basins, flumes and drainage structures.	30 to 90 days and after each significant rainfall event
Vegetated Banks, Slopes, etc. – Inspect for erosion and repair and stabilize as required.	After each significant rainfall event
Yard Areas – Inspect yard areas for debris, litter, and trash and remove to prevent discharge to stormwater management facilities.	After each significant rainfall event

Periodic Maintenance Activities	Suggested Frequency
Pavement Areas – Perform cleaning/sweeping of pavement areas as required to remove sediment, sand, and dirt to prevent discharge to stormwater management facilities. Maintenance period is dependent upon various factors including traffic intensity and should be determined based on site monitoring and may require action on a weekly or monthly basis.	As needed
Vegetation – Perform mowing and landscape maintenance during the growing season and as required. Minimize use of fertilizers and pesticides. Bag clippings. Correct areas with poor vegetative cover to prevent sediment discharge.	Monthly
Stormwater Structures – Clean as required by flushing or vacuuming.	Annual or as required
Stormwater Pipes – Remove all debris and sediment.	Annual or as required
Building Gutters and Downspouts – Inspect and remove all debris and litter to prevent discharge to stormwater management facilities.	Semi-annual

Mandatory Professional Inspection	Required Frequency
A maintenance inspection must be conducted by a registered professional using the plans, calculations and specifications approved by the FDEP and/or NWFWMD. The inspection must be documented on the FDEP and/or NWFWMD standard inspection form 62-346.900(8) "Operation and Maintenance Inspection Certification", signed, sealed and dated by the registered professional, and submitted to either the FDEP or NWFWMD within 30 days of the inspection.	Every 3 years

Storm Water Management System Operation & Maintenance Log

Month_____ Year_____ (Complete a separate log sheet for each inspection.)

This O & M log is provided to assist in the routine inspection and maintenance of a permitted stormwater management system and identifies the features and recommended inspection interval for the system components. Depending upon the specifics of the system and intensity of the site use, inspection intervals may be needed at greater or lesser frequency than recommended. Inspection may also be appropriate following significant rainfall events.

Routine inspection and maintenance is a necessary function to insure performance of the system consistent with the permit conditions and to prevent degradation of surface waters. Failure to maintain the system consistent with the permit conditions may result in regulatory compliance action including penalties and fines. Completion of the inspection logs is recommended and demonstrates an appropriate level of care in the event of failure, impairment, or violations of permit requirements. Mark NI (Not Inspected) in the inspection condition for system components not included in the inspection interval.

FDEP/NWFWMD Permit No:		Project Name:	
Inspector's Name:	Title:	Company:	Telephone:

Surface Water Management System Component	Inspection Condition	Type of Maintenance Activities Performed	Date of Work	Follow-up Needed?
Conveyance Swales • Inspect vegetation coverage. Repair poor grass areas. • Inspect for erosion. Repair and re-grass. • Mow grass and bag clippings. • Inspect for trash, debris, and sediment. Remove as required.				
	Note: Swales are defined as shallow ditches that may be a conveyance to a pond or other area or a treatment mechanism.			
Flume • Inspect for trash, debris, sediment or vegetation that could impede or divert flow. Remove as required. • Inspect for damage and repair as required.				
	Note: A concrete runway carrying water to the pond, ditch or conveyance.			
Surface Inlets • Inspect for trash, debris, sediment or vegetation that could impede or divert flow. Remove as required.				
	Note: Surface Inlet is an opening in curbing where water flows off to pond over grass or through a flume.			

Storm Water Management System Operation & Maintenance Log

Surface Water Management System Component	Inspection Condition	Type of Maintenance Activities Performed	Date of Work	Follow-up Needed?
Grate Inlets • Inspect for grate blockage. Remove as required. • Inspect for sump trash, debris and sediment. Remove as required. • Inspect pipe inverts for blockage, trash, debris, and sediments. Remove as required.				
	Note: AKA Storm Drains or Catch Basins. Typically in parking lots and depressional areas.			
Bubble-Up Structure • Inspect for trash, debris, sediment, blockage or vegetation that could impede flow. Remove as required. • Inspect for erosion. Repair and re-grass as required.				
	Note: Bubble-up structure is a pipe end treatment used where the invert of the pipe is below the point of discharge and may be a turned-up pipe or structure.			
Trench drains • Inspect for grate blockage. Remove as required. • Inspect invert for trash, debris, sediment, blockage or vegetation that could impede flow. Remove as required.				
	Note: Typically across driveways or other areas to prevent water from running off site or beyond structure.			
Speed Bump • Inspect for damage. Repair or replace as required. • Inspect for trash, sediment, debris. Remove as required.				
	Note: Applies to other diversion structures that direct water to an inlet or conveyance.			
Pervious Pavers • For turf block, mow and bag clippings. • For non-vegetated pavers, keep free of vegetation. • Inspect for sediments. Clean as required. • Inspect void spaces for plugging. Clean and replace gravel as required.				
	Note: Pervious pavers in the parking area are part of the stormwater management system. They allow water to percolate into the soil.			
Vegetated Natural Buffer (VNB) • Inspect vegetation condition. Perform supplemental planting of sparsely vegetated areas. Enhancement planting is allowed. • Inspect for erosion and flow channels or flow concentrations. Repair or replant as required to disperse flow. • Inspect for vegetative litter. Maintenance mowing is allowed to decrease litter. Routine mowing is not allowed.				

• No encroachment of any kind: no vehicles, no dumpsters, no storage sheds, no stockpiling of materials, no drive-through areas	Note: A VNB delineated on the plans is part of the Stormwater System and acts to disperse, slow and infiltrate stormwater. Performance is dependent on the vegetation stand.			
Surface Water Management System Component	**Inspection Condition**	**Type of Maintenance Activities Performed**	**Date of Work**	**Follow-up Needed?**
Pond Overflow Weir/Spillway • Inspect flow path for blockage, debris, vegetation, and sediment. Remove as required. • Inspect for bypass piping through bank, holes and erosion around the spillway. Repair as needed. • Inspect splash pad, sediment traps, or aprons for debris, vegetation and sediment. Remove as required. • Inspect rip rap at toe of structure for erosion, settling, and disturbance. Repair as required.				
	Note: Concrete structure or pad on bank of pond. May be an emergency discharge.			
Pond Outfall Structure • Inspect weirs, orifices, grates, structure sump, and skimmers for trash, debris, and sediment. Remove as required. • Inspect splash pads/approach aprons for debris, vegetation and sediment. Remove as required. • Inspect skimmer for damage and stability. Repair, adjust or tighten as required. • Inspect ground around structure and discharge pipe for erosion or bypass piping through soil. Repair as required.				
	Note: Most ponds have a discharge structure to release the water if the elevation becomes so high the pond could overflow or back up water on the property. Concrete structures with a pipe inside are common. They usually have a notched weir (V or square) that establishes the level at which water should start discharging. They have a grate on top and a skimmer that is set a little lower than the weir so oils on the surface of the water are caught and held back (skimmer is usually aluminum or wooden box). Some ponds have a riser pipe that also performs the discharge function but is a corrugated metal pipe or concrete pipe with grate on top.			
Surface Water Management System Component	**Inspection Condition**	**Type of Maintenance Activities Performed**	**Date of Work**	**Follow-up Needed?**
Pond Discharge Pipe • Inspect for trash, debris, vegetation or sediment in and around pipe end that would impede flow. Remove as required. • Inspect for erosion or scouring at pipe end. Repair as required. Add rip-rap if needed. • Inspect rip-rap for disturbance. Repair as required. • Inspect ground around discharge pipe for erosion or bypass piping through soil. Repair or obtain professional assistance as required.				
	Note: Discharges water from pond through a pipe that extends through a berm or retaining wall.			

Storm Water Management System Operation & Maintenance Log

Surface Water Management System Component	Inspection Condition	Type of Maintenance Activities Performed	Date of Work	Follow-up Needed?
Pond Sand Filter System • Inspect area above filter. Look for signs of sedimentation or silting of the surface. If noted, determine source and repair. • If area above filter is grassed, maintain by push mower or weed eating, bag grass. Do not use heavy equipment to prevent compaction of filter. Inspect for poor coverage or erosion. Repair as required. • Inspect filter area for saplings and shrubby vegetation with deep roots that disturb filter. Remove and repair as required. • Inspect inflow and outflow structures for trash, debris, and sediment and remove as required. Such material will significantly reduce life of system and result in costly repair or replacement. • Inspect pond for trash, debris, and sediment that could be transported into filter system. Remove as required. • Inspect filter system performance following a significant rainfall event or at a minimum annually for drawdown. Filter should remove water from pond within 72 hours. If discharge appears slow, backwash using system cleanouts to dislodge trapped fines and observe results. If performance does not improve, seek professional help.				
	Note: Some detention ponds have sand filters installed mounded in the pond bottom or built into the side banks. The water drains through pea gravel, then sand, then a filter cloth and finally through slotted pipe, then it discharges outside of the pond. It is critical to limit discharges of silts and sediments to ponds to prevent clogging of the filter.			
[redacted]				
Roof Drains/Down Spouts • Inspect for trash, debris or blockage. Clean as required. • Verify free drainage away from the discharge area. Correct drainage impediments. • Inspect for scour around discharge. Correct as required. • Inspect for leakage. Repair as required.				
	Note: If scour or erosion noted, add rip-rap or splash pad.			