



**SOUTH FLORIDA WATER MANAGEMENT DISTRICT
ENVIRONMENTAL RESOURCE
STANDARD GENERAL PERMIT NO. 56-01710-P
DATE ISSUED: December 29, 2011**

Form #0941
08/95

PERMITTEE: ST LUCIE COUNTY BOARD OF COUNTY
COMMISSIONERS
2300 VIRGINIA AVENUE
FT PIERCE, FL 34982

PROJECT DESCRIPTION: Construction and operation of a surface water management system to serve a 54.60
acre project known as Indian River Estates Phase 2.

PROJECT LOCATION: ST LUCIE COUNTY, SEC 2,11,12 TWP 36S RGE 40E

PERMIT DURATION: See Special Condition No:1. Pursuant to Rule 40E-4.321, Florida Administrative
Code.

This is to notify you of the District's agency action concerning Notice of Intent for Permit Application No. 110517-2, dated May 17, 2011. This
action is taken pursuant to Rule 40E-1.603 and Chapter 40E-40, Florida Administrative Code (F.A.C.).

Based on the information provided, District rules have been adhered to and an Environmental Resource General Permit is in effect for this
project subject to:

1. Not receiving a filed request for a Chapter 120, Florida Statutes, administrative hearing.
2. the attached 19 General Conditions (See Pages : 2 - 4 of 6),
3. the attached 15 Special Conditions (See Pages : 5 - 6 of 6) and
4. the attached 2.3 Exhibit(s)

Should you object to these conditions, please refer to the attached "Notice of Rights" which addresses the procedures to be followed if you
desire a public hearing or other review of the proposed agency action. Please contact this office if you have any questions concerning this
matter. If we do not hear from you in accordance with the "Notice of Rights," we will assume that you concur with the District's action.

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a "Notice of Rights" has been mailed to the Permittee (and the persons listed in the
attached distribution list) no later than 5:00 p.m. on this 29th day of December, 2011, in accordance with Section
120.60(3), Florida Statutes.

BY: Anita R. Bain
Anita R. Bain
Bureau Chief - Environmental Resource Permitting
Regulation Division

GENERAL CONDITIONS

1. All activities authorized by this permit shall be implemented as set forth in the plans, specifications and performance criteria as approved by this permit. Any deviation from the permitted activity and the conditions for undertaking that activity shall constitute a violation of this permit and Part IV, Chapter 373, F.S.
2. This permit or a copy thereof, complete with all conditions, attachments, exhibits, and modifications shall be kept at the work site of the permitted activity. The complete permit shall be available for review at the work site upon request by District staff. The permittee shall require the contractor to review the complete permit prior to commencement of the activity authorized by this permit.
3. Activities approved by this permit shall be conducted in a manner which does not cause violations of State water quality standards. The permittee shall implement best management practices for erosion and pollution control to prevent violation of State water quality standards. Temporary erosion control shall be implemented prior to and during construction, and permanent control measures shall be completed within 7 days of any construction activity. Turbidity barriers shall be installed and maintained at all locations where the possibility of transferring suspended solids into the receiving waterbody exists due to the permitted work. Turbidity barriers shall remain in place at all locations until construction is completed and soils are stabilized and vegetation has been established. All practices shall be in accordance with the guidelines and specifications described in Chapter 6 of the Florida Land Development Manual; A Guide to Sound Land and Water Management (Department of Environmental Regulation, 1988), incorporated by reference in Rule 40E-4.091, F.A.C. unless a project-specific erosion and sediment control plan is approved as part of the permit. Thereafter the permittee shall be responsible for the removal of the barriers. The permittee shall correct any erosion or shoaling that causes adverse impacts to the water resources.
4. The permittee shall notify the District of the anticipated construction start date within 30 days of the date that this permit is issued. At least 48 hours prior to commencement of activity authorized by this permit, the permittee shall submit to the District an Environmental Resource Permit Construction Commencement Notice Form Number 0960 indicating the actual start date and the expected construction completion date.
5. When the duration of construction will exceed one year, the permittee shall submit construction status reports to the District on an annual basis utilizing an annual status report form. Status report forms shall be submitted the following June of each year.
6. Within 30 days after completion of construction of the permitted activity, the permittee shall submit a written statement of completion and certification by a professional engineer or other individual authorized by law, utilizing the supplied Environmental Resource/Surface Water Management Permit Construction Completion/Certification Form Number 0881A, or Environmental Resource/Surface Water Management Permit Construction Completion Certification - For Projects Permitted prior to October 3, 1995 Form No. 0881B, incorporated by reference in Rule 40E-1.659, F.A.C. The statement of completion and certification shall be based on onsite observation of construction or review of as-built drawings for the purpose of determining if the work was completed in compliance with permitted plans and specifications. This submittal shall serve to notify the District that the system is ready for inspection. Additionally, if deviation from the approved drawings are discovered during the certification process, the certification must be accompanied by a copy of the approved permit drawings with deviations noted. Both the original and revised specifications must be clearly shown. The plans must be clearly labeled as "as-built" or "record" drawings. All surveyed dimensions and elevations shall be certified by a registered surveyor.
7. The operation phase of this permit shall not become effective: until the permittee has complied with the requirements of condition (6) above, and submitted a request for conversion of Environmental Resource Permit from Construction Phase to Operation Phase, Form No. 0920; the District determines the system to

GENERAL CONDITIONS

be in compliance with the permitted plans and specifications; and the entity approved by the District in accordance with Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit Applications within the South Florida Water Management District, accepts responsibility for operation and maintenance of the system. The permit shall not be transferred to such approved operation and maintenance entity until the operation phase of the permit becomes effective. Following inspection and approval of the permitted system by the District, the permittee shall initiate transfer of the permit to the approved responsible operating entity if different from the permittee. Until the permit is transferred pursuant to Section 40E-1.6107, F.A.C., the permittee shall be liable for compliance with the terms of the permit.

8. Each phase or independent portion of the permitted system must be completed in accordance with the permitted plans and permit conditions prior to the initiation of the permitted use of site infrastructure located within the area served by that portion or phase of the system. Each phase or independent portion of the system must be completed in accordance with the permitted plans and permit conditions prior to transfer of responsibility for operation and maintenance of the phase or portion of the system to a local government or other responsible entity.
9. For those systems that will be operated or maintained by an entity that will require an easement or deed restriction in order to enable that entity to operate or maintain the system in conformance with this permit, such easement or deed restriction must be recorded in the public records and submitted to the District along with any other final operation and maintenance documents required by Sections 9.0 and 10.0 of the Basis of Review for Environmental Resource Permit applications within the South Florida Water Management District, prior to lot or units sales or prior to the completion of the system, whichever comes first. Other documents concerning the establishment and authority of the operating entity must be filed with the Secretary of State, county or municipal entities. Final operation and maintenance documents must be received by the District when maintenance and operation of the system is accepted by the local government entity. Failure to submit the appropriate final documents will result in the permittee remaining liable for carrying out maintenance and operation of the permitted system and any other permit conditions.
10. Should any other regulatory agency require changes to the permitted system, the permittee shall notify the District in writing of the changes prior to implementation so that a determination can be made whether a permit modification is required.
11. This permit does not eliminate the necessity to obtain any required federal, state, local and special district authorizations prior to the start of any activity approved by this permit. This permit does not convey to the permittee or create in the permittee any property right, or any interest in real property, nor does it authorize any entrance upon or activities on property which is not owned or controlled by the permittee, or convey any rights or privileges other than those specified in the permit and Chapter 40E-4 or Chapter 40E-40, F.A.C..
12. The permittee is hereby advised that Section 253.77, F.S. states that a person may not commence any excavation, construction, or other activity involving the use of sovereign or other lands of the State, the title to which is vested in the Board of Trustees of the Internal Improvement Trust Fund without obtaining the required lease, license, easement, or other form of consent authorizing the proposed use. Therefore, the permittee is responsible for obtaining any necessary authorizations from the Board of Trustees prior to commencing activity on sovereignty lands or other state-owned lands.
13. The permittee must obtain a Water Use permit prior to construction dewatering, unless the work qualifies for a general permit pursuant to Subsection 40E-20.302(3), F.A.C., also known as the "No Notice" Rule.
14. The permittee shall hold and save the District harmless from any and all damages, claims, or liabilities

GENERAL CONDITIONS

which may arise by reason of the construction, alteration, operation, maintenance, removal, abandonment or use of any system authorized by the permit.

15. Any delineation of the extent of a wetland or other surface water submitted as part of the permit application, including plans or other supporting documentation, shall not be considered binding, unless a specific condition of this permit or a formal determination under Section 373.421(2), F.S., provides otherwise.
16. The permittee shall notify the District in writing within 30 days of any sale, conveyance, or other transfer of ownership or control of a permitted system or the real property on which the permitted system is located. All transfers of ownership or transfers of a permit are subject to the requirements of Rules 40E-1.6105 and 40E-1.6107, F.A.C.. The permittee transferring the permit shall remain liable for corrective actions that may be required as a result of any violations prior to the sale, conveyance or other transfer of the system.
17. Upon reasonable notice to the permittee, District authorized staff with proper identification shall have permission to enter, inspect, sample and test the system to insure conformity with the plans and specifications approved by the permit.
18. If historical or archaeological artifacts are discovered at any time on the project site, the permittee shall immediately notify the appropriate District service center.
19. The permittee shall immediately notify the District in writing of any previously submitted information that is later discovered to be inaccurate.

SPECIAL CONDITIONS

1. The construction phase of this permit shall expire on December 29, 2016.
2. Operation of the surface water management system shall be the responsibility of the permittee.
3. Discharge Facilities:

Easy Street Overflow Structure: CS-EASY-1
1-14.0 ft Weir with Crest at EL. 14.5 NAVD
1-5 ft Bottom Width X 12 ft Top Width Trapezoidal Weirs with bottom elevations at EL 13.80 NAVD and top elevations at EL 14.50 NAVD

Bartow Street Overflow Structure: CS-BAR-1
1-79 inch L X 36 inch W (Type H inlet) Horizontal Weir EL. 13.0 NAVD

Savannah Street Overflow Structure: CS-SAV-1
1-79 inch L X 36 inch W (Type H inlet) Horizontal Weir at EL. 13.0 NAVD

Howard Street Overflow Structure: CS-HOWARD-1
1-49 inch L X 37inch W (Type D inlet) Horizontal Weir at EL. 13.0 NAVD

Bradley Street Overflow Structure: CS-BRAD-1
1-49 inch L X 37inch W (Type D inlet) Horizontal Weir at EL. 13.0 NAVD

Scott Street Overflow Structure: CS-SCOTT-1
49 inch L X 37 inch W (Type D inlet) Horizontal Weir at EL. 13.0 NAVD
4. The permittee shall be responsible for the correction of any erosion, shoaling or water quality problems that result from the construction or operation of the surface water management system.
5. Measures shall be taken during construction to insure that sedimentation and/or turbidity violations do not occur in the receiving water.
6. The District reserves the right to require that additional water quality treatment methods be incorporated into the drainage system if such measures are shown to be necessary.
7. Facilities other than those stated herein shall not be constructed without an approved modification of this permit.
8. A stable, permanent and accessible elevation reference shall be established on or within one hundred (100) feet of all permitted discharge structures no later than the submission of the certification report. The location of the elevation reference must be noted on or with the certification report.
9. The permittee shall provide routine maintenance of all of the components of the surface water management system in order to remove all trapped sediments/debris. All materials shall be properly disposed of as required by law. Failure to properly maintain the system may result in adverse flooding conditions.
10. This permit is issued based on the applicant's submitted information which reasonably demonstrates that adverse water resource related impacts will not be caused by the completed permit activity. Should any adverse impacts caused by the completed surface water management system occur, the District will require the permittee to provide appropriate mitigation to the District or other impacted party. The District will require the permittee to modify the surface water management system, if necessary, to eliminate the

SPECIAL CONDITIONS

cause of the adverse impacts.

11. The permittee acknowledges that, pursuant to Rule 40E-4.101(2), F.A.C., a notice of Environmental Resource or Surface Water Management Permit may be recorded in the county public records. Pursuant to the specific language of the rule, this notice shall not be considered an encumbrance upon the property.
12. If prehistoric or historic artifacts, such as pottery or ceramics, stone tools or metal implements, dugout canoes, or any other physical remains that could be associated with Native American cultures, or early colonial or American settlement are encountered at any time within the project site area, the permitted project should cease all activities involving subsurface disturbance in the immediate vicinity of such discoveries. The permittee, or other designee, should contact the Florida Department of State, Division of Historical Resources, Review and Compliance Section at (850) 245-6333 or (800) 847-7278, as well as the appropriate permitting agency office. Project activities should not resume without verbal and/or written authorization from the Division of Historical Resources. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.
13. The exhibits and special conditions in this permit apply only to this application. They do not supersede or delete any requirements for other applications covered in Permit No. 56-01710-P unless otherwise specified herein.
14. Reference is made to Indian River Estates Stormwater Improvements Phase II construction plans Exhibit No. 2A (sheets 1- 136) and 2B (sheets 137-749) , consisting of 749 sheets. The construction drawings have been signed and sealed by David Coleman, P.E. license No. 49469, of Inwood Consulting Engineers Inc. on December 13, 2011 and have been included in this permit by reference (please see permit file). In addition, these exhibits can be viewed on the District's ePermitting website under this application number.
15. Prior to the commencement of construction, the permittee shall conduct a pre-construction meeting with field representatives, contractors and District staff. The purpose of the meeting will be to discuss construction methods and sequencing, including type and location of turbidity and erosion controls to be implemented during construction, mobilization and staging of contractor equipment, phasing of construction, methods of vegetation clearing, construction dewatering if required, coordination with other entities on adjacent construction projects, wetland/buffer protection methods, and endangered species protection with the permittee and contractors. The permittee shall contact District Environmental Resource Compliance staff from the Okeechobee Service Center at (863) 462-5260 to schedule the pre-construction meeting.

NOTICE OF RIGHTS

As required by Sections 120.569(1), and 120.60(3), Fla. Stat., following is notice of the opportunities which may be available for administrative hearing or judicial review when the substantial interests of a party are determined by an agency. Please note that this Notice of Rights is not intended to provide legal advice. Not all the legal proceedings detailed below may be an applicable or appropriate remedy. You may wish to consult an attorney regarding your legal rights.

RIGHT TO REQUEST ADMINISTRATIVE HEARING

A person whose substantial interests are or may be affected by the South Florida Water Management District's (SFWMD or District) action has the right to request an administrative hearing on that action pursuant to Sections 120.569 and 120.57, Fla. Stat. Persons seeking a hearing on a District decision which does or may determine their substantial interests shall file a petition for hearing with the District Clerk within 21 days of receipt of written notice of the decision, unless one of the following shorter time periods apply: 1) within 14 days of the notice of consolidated intent to grant or deny concurrently reviewed applications for environmental resource permits and use of sovereign submerged lands pursuant to Section 373.427, Fla. Stat.; or 2) within 14 days of service of an Administrative Order pursuant to Subsection 373.119(1), Fla. Stat. "Receipt of written notice of agency decision" means receipt of either written notice through mail, or electronic mail, or posting that the District has or intends to take final agency action, or publication of notice that the District has or intends to take final agency action. Any person who receives written notice of a SFWMD decision and fails to file a written request for hearing within the timeframe described above waives the right to request a hearing on that decision.

Filing Instructions

The Petition must be filed with the Office of the District Clerk of the SFWMD. Filings with the District Clerk may be made by mail, hand-delivery or facsimile. **Filings by e-mail will not be accepted.** Any person wishing to receive a clerked copy with the date and time stamped must provide an additional copy. A petition for administrative hearing is deemed filed upon receipt during normal business hours by the District Clerk at SFWMD headquarters in West Palm Beach, Florida. Any document received by the office of the SFWMD Clerk after 5:00 p.m. shall be filed as of 8:00 a.m. on the next regular business day. Additional filing instructions are as follows:

- Filings by mail must be addressed to the Office of the SFWMD Clerk, P.O. Box 24680, West Palm Beach, Florida 33416.
- Filings by hand-delivery must be delivered to the Office of the SFWMD Clerk. **Delivery of a petition to the SFWMD's security desk does not constitute filing. To ensure proper filing, it will be necessary to request the SFWMD's security officer to contact the Clerk's office.** An employee of the SFWMD's Clerk's office will receive and file the petition.
- Filings by facsimile must be transmitted to the SFWMD Clerk's Office at (561) 682-6010. Pursuant to Subsections 28-106.104(7), (8) and (9), Fla. Admin. Code, a party who files a document by facsimile represents that the original physically signed document will be retained by that party for the duration of that proceeding and of any subsequent appeal or subsequent proceeding in that cause. Any party who elects to file any document by facsimile shall be responsible for any delay, disruption, or interruption of the electronic signals and accepts the full risk that the document may not be properly filed with the clerk as a result. The filing date for a document filed by facsimile shall be the date the SFWMD Clerk receives the complete document.

Initiation of an Administrative Hearing

Pursuant to Rules 28-106.201 and 28-106.301, Fla. Admin. Code, initiation of an administrative hearing shall be made by written petition to the SFWMD in legible form and on 8 and 1/2 by 11 inch white paper. All petitions shall contain:

1. Identification of the action being contested, including the permit number, application number, District file number or any other SFWMD identification number, if known.
2. The name, address and telephone number of the petitioner and petitioner's representative, if any.
3. An explanation of how the petitioner's substantial interests will be affected by the agency determination.
4. A statement of when and how the petitioner received notice of the SFWMD's decision.
5. A statement of all disputed issues of material fact. If there are none, the petition must so indicate.
6. A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the SFWMD's proposed action.
7. A statement of the specific rules or statutes the petitioner contends require reversal or modification of the SFWMD's proposed action.
8. If disputed issues of material fact exist, the statement must also include an explanation of how the alleged facts relate to the specific rules or statutes.
9. A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the SFWMD to take with respect to the SFWMD's proposed action.

A person may file a request for an extension of time for filing a petition. The SFWMD may, for good cause, grant the request. Requests for extension of time must be filed with the SFWMD prior to the deadline for filing a petition for hearing. Such requests for extension shall contain a certificate that the moving party has consulted with all other parties concerning the extension and that the SFWMD and any other parties agree to or oppose the extension. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

If the District takes action with substantially different impacts on water resources from the notice of intended agency decision, the persons who may be substantially affected shall have an additional point of entry pursuant to Rule 28-106.111, Fla. Admin. Code, unless otherwise provided by law.

Mediation

The procedures for pursuing mediation are set forth in Section 120.573, Fla. Stat., and Rules 28-106.111 and 28-106.401-.405, Fla. Admin. Code. The SFWMD is not proposing mediation for this agency action under Section 120.573, Fla. Stat., at this time.

RIGHT TO SEEK JUDICIAL REVIEW

Pursuant to Sections 120.60(3) and 120.68, Fla. Stat., a party who is adversely affected by final SFWMD action may seek judicial review of the SFWMD's final decision by filing a notice of appeal pursuant to Florida Rule of Appellate Procedure 9.110 in the Fourth District Court of Appeal or in the appellate district where a party resides and filing a second copy of the notice with the SFWMD Clerk within 30 days of rendering of the final SFWMD action.

Last Date For Agency Action: January 17, 2012

GENERAL ENVIRONMENTAL RESOURCE PERMIT STAFF REPORT

Project Name: Indian River Estates Stormwater Improvements - Phase I I

Permit No.: 56-01710-P

Application No.: 110517-2

Application Type: Environmental Resource (General Permit Modification)

Location: St Lucie County, S2,11,12/T36S/R40E

Permittee : St Lucie County Board Of County Commisioners

Operating Entity : St Lucie County Board Of County Commisioners

Project Area: 54.60 acres

Project Land Use: Residential

Drainage Basin: NORTH ST LUCIE

Receiving Body: THE SAVANNAS

Class: OFW

Special Drainage District: NA

Conservation Easement To District : No

Sovereign Submerged Lands: No

Modification of an Environmental Resource Permit to authorize construction and operation of a 54.6 acre surface water management system known as Indian River Estates Stormwater Improvements - Phase II to serve an existing residential development . Approval is granted with conditions.

PROJECT EVALUATION:**PROJECT SITE DESCRIPTION:**

Indian River Estates is an existing residential subdivision, platted in the late 1950's, located in St. Lucie County, south of Midway Road, between US-1 and the Savannas State Park. Stormwater within the Indian River Estates subdivision is conveyed by roadside swales, some of which extend into the Savannas State Park. A pump system that pumps stormwater to a multi-cell reservoir located north of Midway Road for treatment and attenuation prior to discharging to the Savannas State Park has been constructed.

No wetlands occur within the boundaries of the proposed activities.

PROJECT BACKGROUND:

The Indian River Estates residential subdivision was constructed in the early 1970's. The surface water management system consisted of roadside swales discharging to small ditches that discharged directly into the Savannas State Park. This system has resulted in water quality degradation within the Savannas State Park as well as reoccurring flooding within the Indian River Estates community.

On May 15, 2003 the District authorized construction (Application No. 020610-12, Permit No. 56-01710-P) of a water quality improvement project to retrofit Indian River Estates with a stormwater management system. The retrofit project uses a pump station to transfer excess storm water to a reservoir north of Midway Road for treatment and attenuation. The reservoir is multi-cell and includes both wet retention and wet detention. The retrofit project was designed to provide treatment of 1.5-inches over the 1,273-acre Indian River Estates Development. The first inch of water quality treatment is provided in a combination of dry roadside swales and the primary wet retention cell of the off site reservoir. The secondary wet detention cell will provide an additional 1/2-inch of water quality treatment prior to discharge into the Savannas State Park.

On September 29 2006, the District authorized (Application No. 060901-14) the relocation of the pump station to a site near Midway Road.

On June 20, 2008 the District authorized a five year permit extension until June 12, 2013.

The complete construction of the retrofit project authorized in 2003 has not been fully funded or completed. This application is a modification of the system design and the construction completion of the Indian River Estates storm water retrofit project.

PROPOSED PROJECT:

The proposed 54.6 acre construction project will serve a basin area of 710 acres. Please see the location map Exhibit 1 and the limits of construction map Exhibit 1.1. The project proposes three (3) culverts (trunk lines) in place of the single 48 inch trunk line of the original design in order to better convey stormwater to the existing pump station. These new trunk line culverts are located predominantly along the north-south streets as follows:

Trunk Line 1: Along Cassia Drive from Easy Street north to Savannah Street, west along Savannah Street from Cassia Drive to Palm Drive; along Palm Drive from Savannah Street to Sunset Drive and north along Sunset Drive to the Pump Station.

Trunk Line 2: Along Palm Drive from Easy Street north to Savannah Street. Trunk Line 2 intersects and combines with Trunk Line 1 at Palm Drive and Savannah Street.

Pump 2 On 8 NAVD Off 6.5 NAVD
Pump 3 On 9 NAVD Off 7 NAVD
Pump 4 On 10 NAVD Off 8 NAVD

This application is also changing the elevation datum from NGVD 1929 to NAVD 1988. The NGVD 1929 elevation can be determined by adding approximately 1.5 feet to the NAVD 1988 elevation.

Please see the Indian River Estates Drainage Improvement Project - Phase II construction plans Exhibit 2A and 2B, consisting of 749 sheets. The drawings have been signed and sealed by David Coleman, P.E. of Inwood Consulting Engineers Inc. and have been included in this permit by reference (please see permit file). In addition, these exhibits can be viewed on the District's ePermitting website under this application number.

WATER QUANTITY :

Discharge Rate :

The applicants engineer prepared an extensive model of the existing and proposed storm water management systems. As shown in Exhibit 2.1, the proposed project peak discharge to the Savannahs State Park has been reduced over the existing conditions. The analysis indicates the project will maintain or improve the existing levels of flood protection. Please see the permit file for additional detail.

WATER QUALITY :

No adverse water quality impacts are anticipated as a result of the proposed project. The proposed modifications will result in water quality treatment of 1.5 inches over the contributing area.

LEGAL ISSUES:

The plat of Indian River Estates includes drainage easements into the Savannah State Park. The applicant has provided correspondence from the FDEP Bureau of Public Land Administration Division of State Lands indicating the state of Florida has no objections to the proposed project and will honor these drainage easements for the construction and perpetual maintenance and operation of the proposed overflow structures which discharge stormwater to the Savannah State Park.

CERTIFICATION AND MAINTENANCE OF THE WATER MANAGEMENT SYSTEM:

It is suggested that the permittee retain the services of a Professional Engineer registered in the State of Florida for periodic observation of construction of the surface water management (SWM) system. This will facilitate the completion of construction completion certification Form #0881 which is required pursuant to Section 10 of the Basis of Review for Environmental Resource Permit Applications within the South Florida Water Management District, and Rule 40E-4.361(2), Florida Administrative Code (F.A.C.).

Pursuant to Chapter 40E-4 F.A.C., this permit may not be converted from the construction phase to the operation phase until certification of the SWM system is submitted to and accepted by this District. Rule 40E-4.321(7) F.A.C. states that failure to complete construction of the SWM system and obtain operation phase approval from the District within the permit duration shall require a new permit authorization unless a permit extension is granted.

For SWM systems permitted with an operating entity who is different from the permittee, it should be noted that until the permit is transferred to the operating entity pursuant to Rule 40E-1.6107, F.A.C., the permittee is liable for compliance with the terms of this permit.

App.no. : 110517-2

RELATED CONCERNS:**Water Use Permit Status:**

The applicant has indicated that long term supplemental irrigation is not required by this project. Short term irrigation as needed for areas stabilized with sod will be supplemented via a potable water source.

The applicant has indicated that the timing of construction commencement is not known at this time. The applicants engineer has indicated in the project specifications that dewatering will be required for construction and the selected contractor is required to obtain a dewatering permit from SFWMD. There are documented contamination sites within one mile of the project. A detailed hydrologic analysis may be required in order to obtain a dewatering authorization.

This permit does not release the permittee from obtaining all necessary Water Use authorization(s) prior to the commencement of activities which will require such authorization, including construction dewatering and irrigation.

CERP:

The proposed project is not located within or adjacent to a Comprehensive Everglades Restoration Project component.

Potable Water Supplier:

St Lucie County Utilities (No new facilities)

Waste Water System/Supplier:

Existing onsite septic systems (no new facilities)

Right-Of-Way Permit Status:

A District Right-of-Way Permit is not required for this project.

DRI Status:

This project is not a DRI.

Historical/Archeological Resources:

No information has been received that indicates the presence of archaeological or historical resources or that the proposed activities could cause adverse impacts to archaeological or historical resources. This permit does not release the permittee from compliance with any other agencies' requirements in the event that historical and/or archaeological resources are found on the site.

DEO/CZM Consistency Review:

The issuance of this permit constitutes a finding of consistency with the Florida Coastal Management Program.

Third Party Interest:

No third party has contacted the District with concerns about this application.

Enforcement:

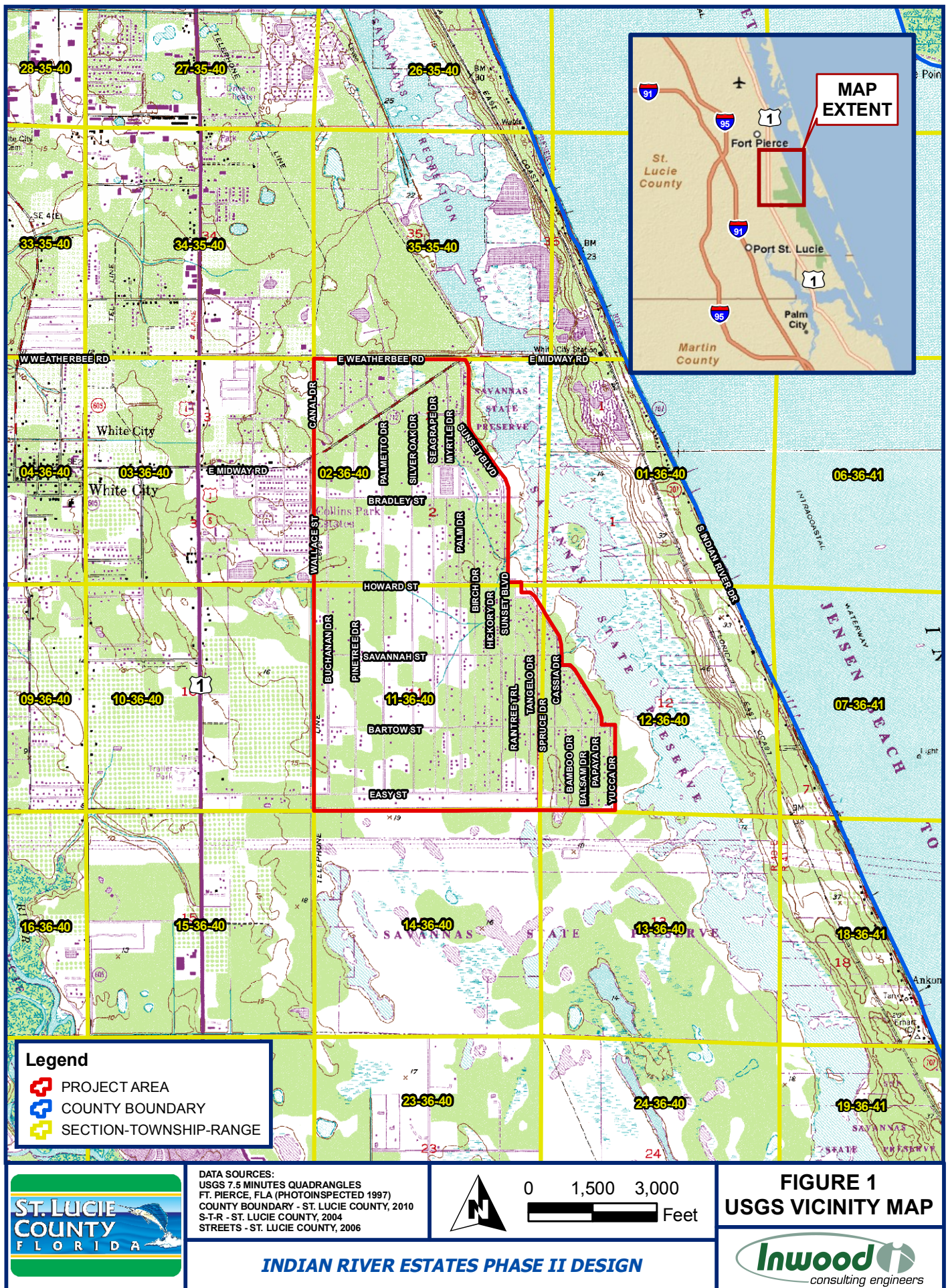
There has been no enforcement activity associated with this application.

NATURAL RESOURCE MANAGEMENT:

DATE: Dec 28 2011

Hugo A. Carter, P.E.

DATE: 21 Dec 11



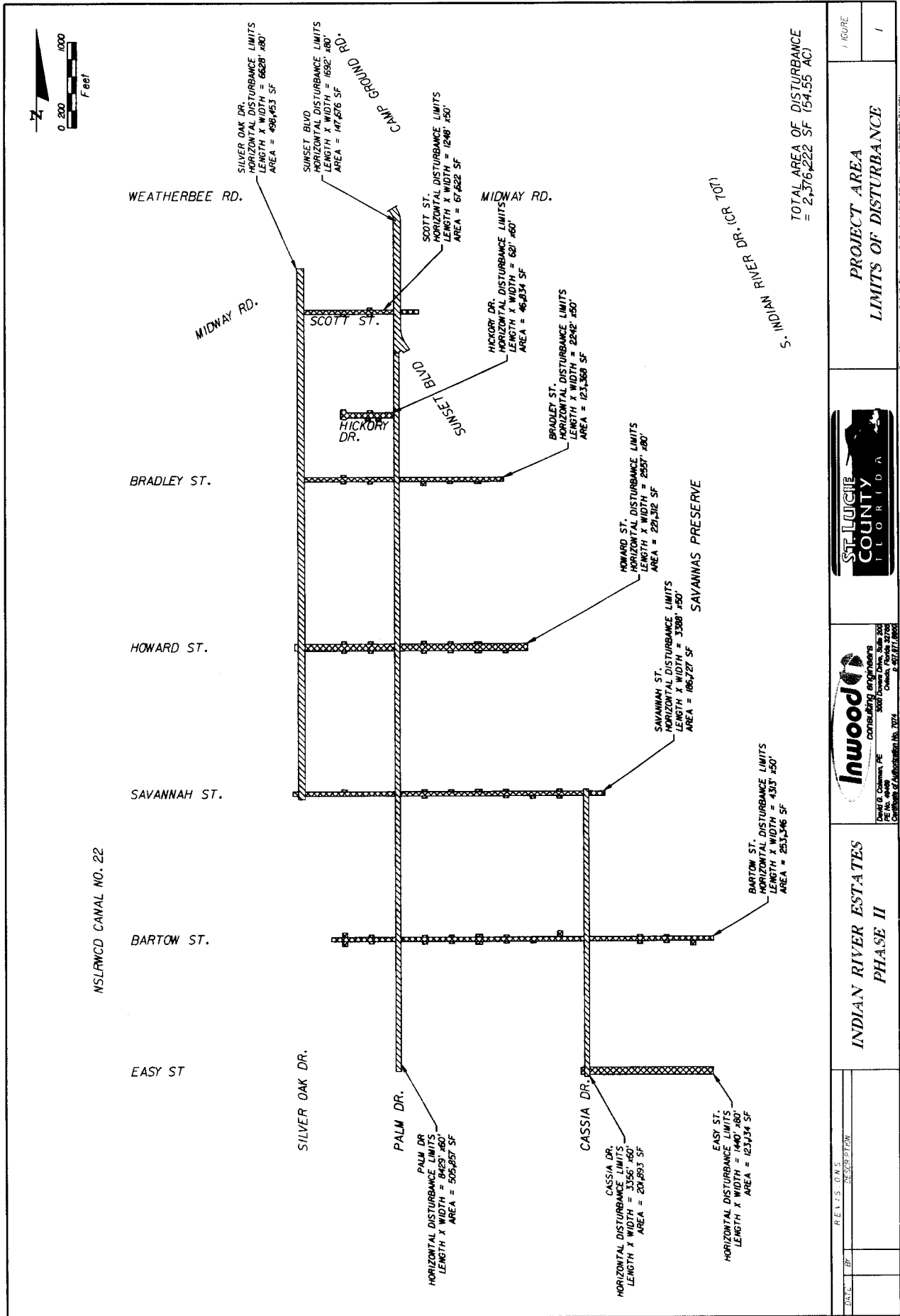


EXHIBIT 2A AND 2B

APPLICATION No. 110517-2

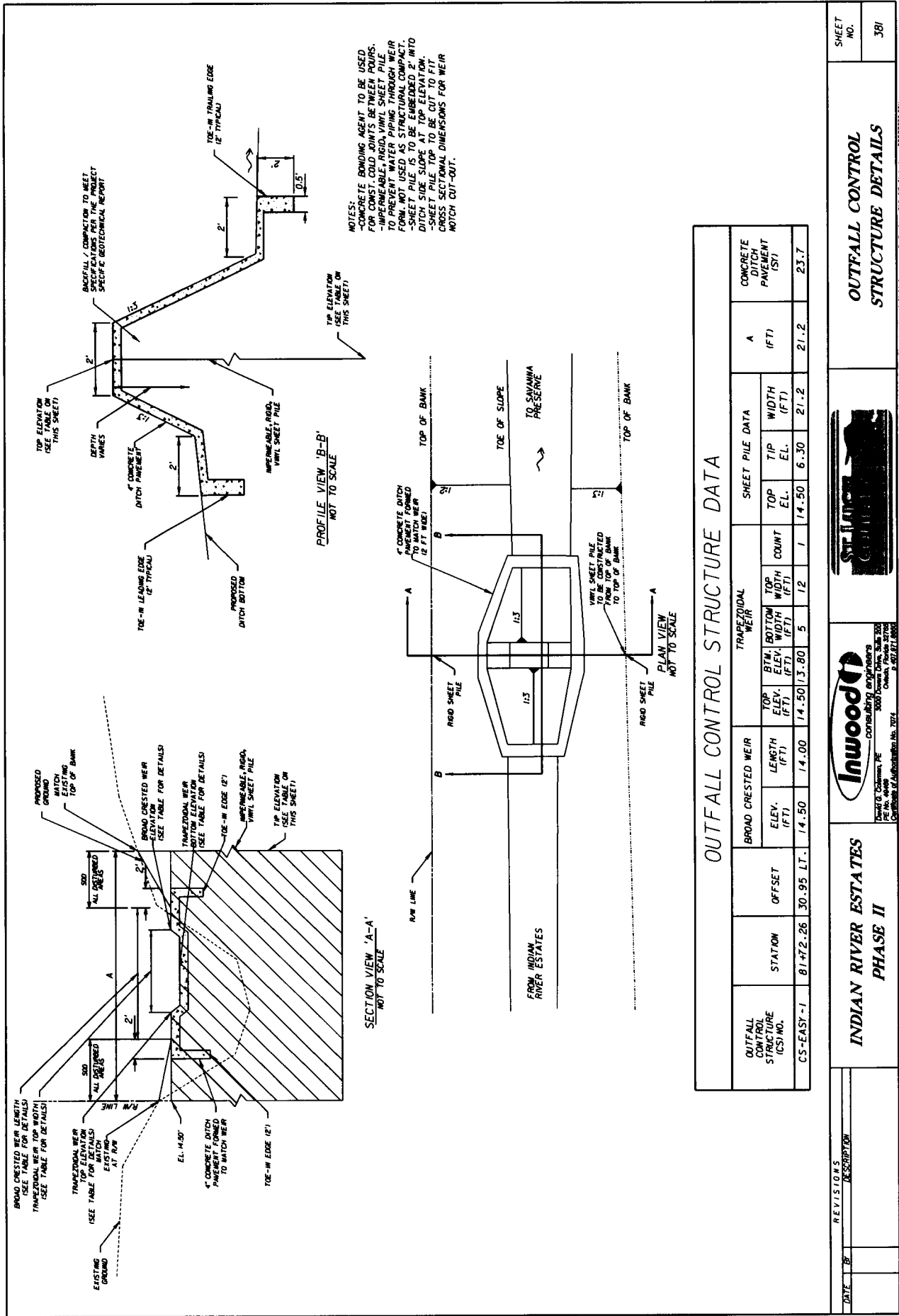
INDIAN RIVER ESTATES PHASE II

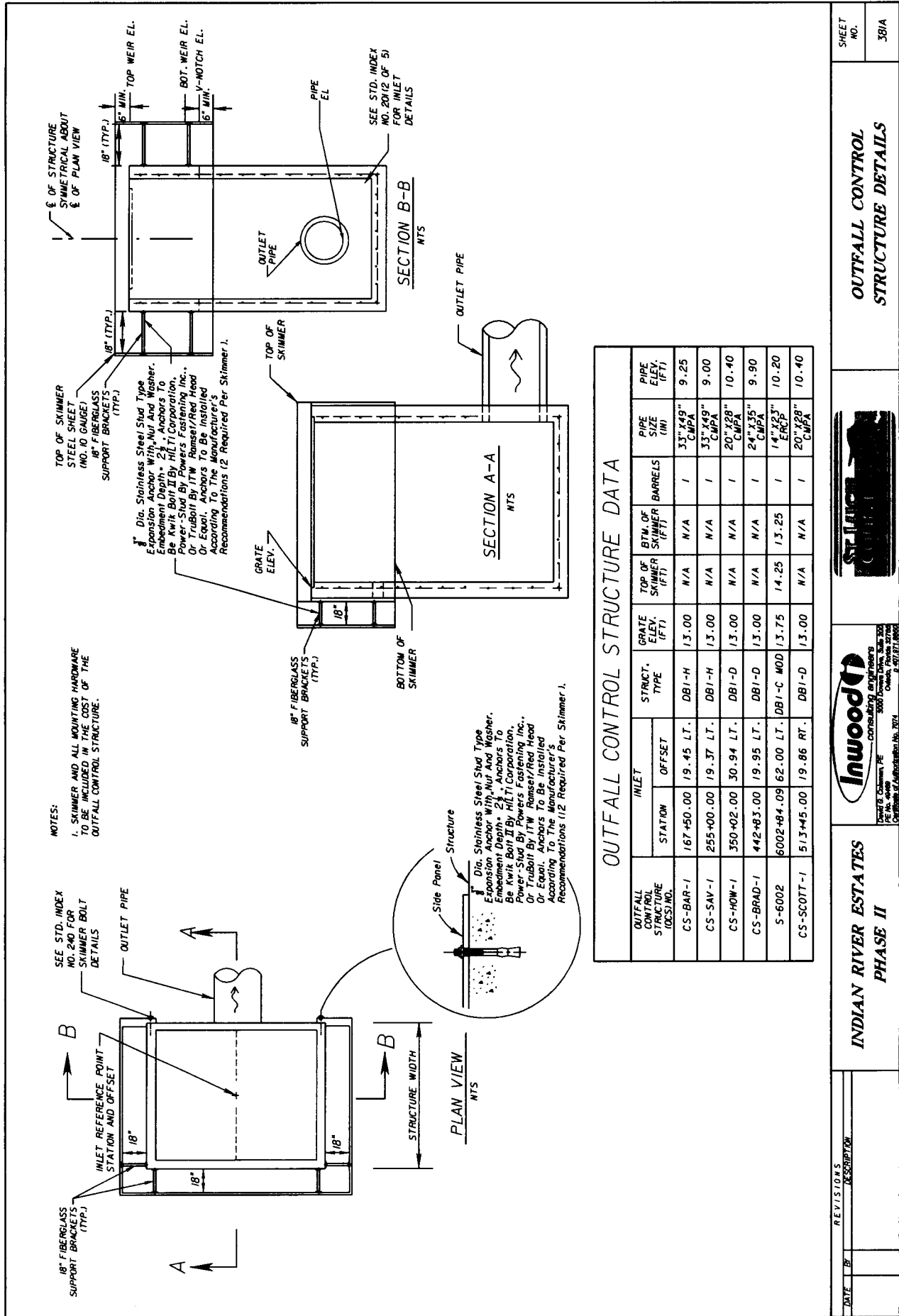
The referenced drawings consisting of 749 sheets have been signed and sealed by David Coleman, P.E., of Inwood Consulting Engineers Inc, have been included in this permit by reference.

**Please see the online e-permitting file
www.sfwmd.gov.**

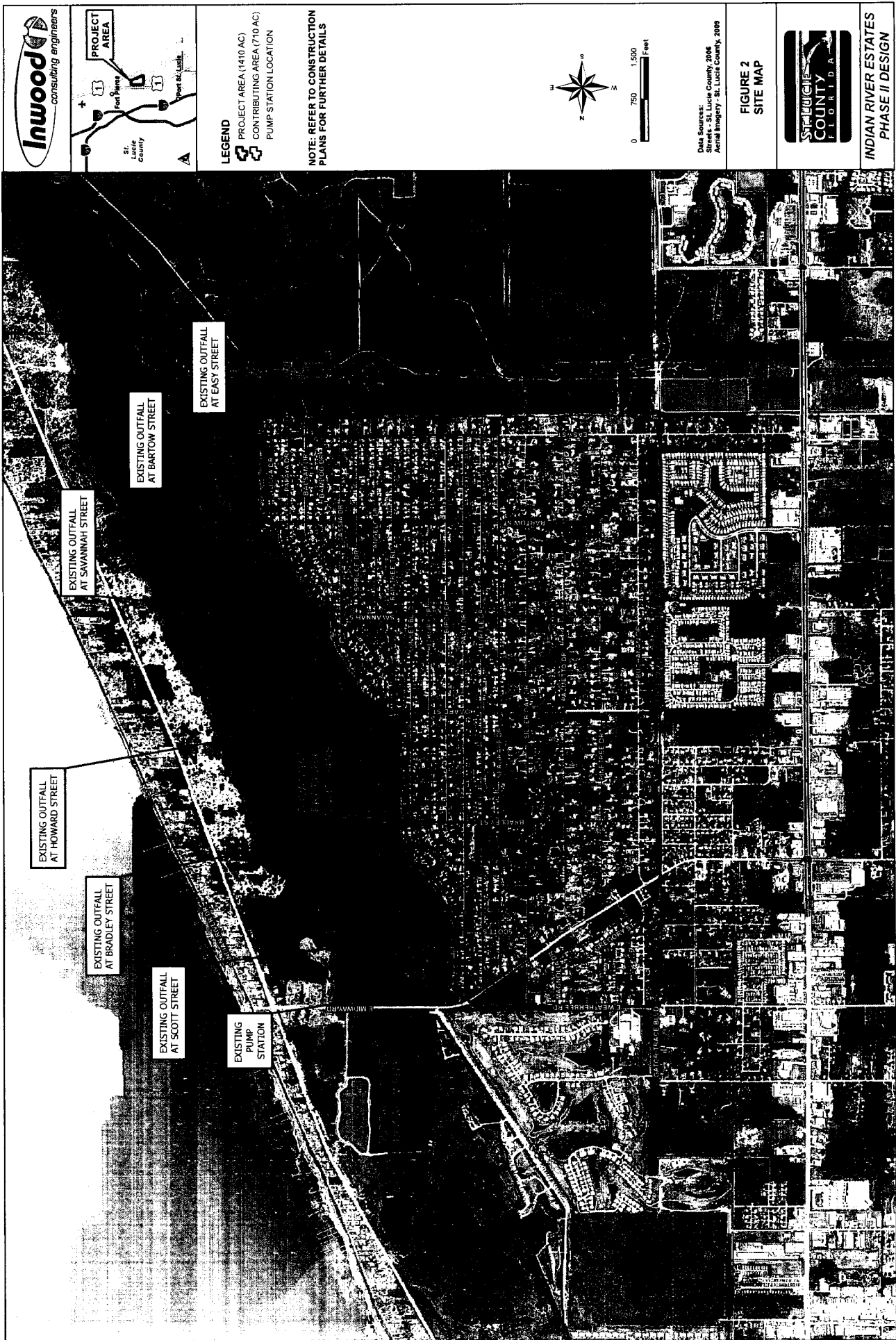
TABLE 2
MODEL PEAK DISCHARGE TO THE SAVANNAS - EXISTING VS PROPOSED CONDITIONS

STREET	10 YEAR / 24 HOUR		25 YEAR / 24 HOUR		50 YEAR / 24 HOUR		100 YEAR / 24 HOUR		10 YEAR / 72 HOUR	
	EXISTING PEAK (CFS)	PROPOSED PEAK (CFS)	EXISTING PEAK (CFS)	PROPOSED PEAK (CFS)	EXISTING PEAK (CFS)	PROPOSED PEAK (CFS)	EXISTING PEAK (CFS)	PROPOSED PEAK (CFS)	EXISTING PEAK (CFS)	PROPOSED PEAK (CFS)
EASY STREET	38.5	37.0	40.9	42.3	42.2	45.9	47.0	53.7	40.1	41.3
BARTOW STREET	35.2	47.4	80.6	64.9	124.0	99.1	218.5	170.8	69.6	57.6
SAVANNAH STREET	100.6	91.4	174.0	161.6	224.3	200.1	319.5	267.5	152.7	139.4
HOWARD STREET	228.2	184.0	319.0	289.8	372.0	361.0	472.7	505.6	297.2	259.8
BRADLEY STREET	32.0	30.6	37.7	38.0	56.5	66.8	135.1	156.3	40.3	34.7
SCOTT STREET	22.3	10.3	48.2	14.5	78.2	17.5	146.2	37.0	55.8	13.8
TOTAL DISCHARGE	457	401	700	611	897	790	1339	1191	656	547





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INDIAN RIVER ESTATES STORMWATER IMPROVEMENTS - PHASE I I

Application No: 110517-2

Permit No: 56-01710-P

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