

Structure No.:44W3  
Section, Township, Range:  
Easement No.: C01900210  
Parcel ID: 4315-802-0004-000-9  
(Maintained by County Appraiser)

**RIGHT-OF-WAY CONSENT AGREEMENT**  
**(Governmental Entity)**

This Right-of-Way Consent Agreement (“**Agreement**”) is dated this \_\_\_ day of \_\_\_\_\_ 2023 by and between Florida Power & Light Company, a Florida corporation (“**Company**”), with a mailing address at P.O. Box 14000, Juno Beach, Florida 33408-0420, Attn: Corporate Real Estate Department, and the City of Port St. Lucie, a political subdivision of the State of Florida (“**Licensee**”), whose mailing address is 121 S.W. Port St. Lucie Boulevard, Port St. Lucie, Florida 34984.

In consideration for Company’s consent hereunder and for the other mutual covenants set forth below, and for Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged by the parties, the parties hereto agree as follows:

1. Company is the current holder of that certain right-of-way granted under that certain instrument recorded in (i) Official Record Book 97, at Page \_505, in the Public Records of St. Lucie County, Florida (“**Easement**”).

2. Company hereby consents to Licensee using those certain portions of the real property located within the Easement as more particularly depicted and described on attached Exhibit A (“**Lands**”) solely for the purpose of construction of a culvert through an FPL easement, extending a roadway approx.. 1,940 feet along with the construction of an 8.79 acre lake. The lake construction is a component of the Master stormwater management system for the basin. A 254 linear foot 48 inch culvert is proposed to discharge stormwater from the proposed lake to the outfall. The pipe invert is at an elevation of 16.00 NAVD, which provides approx.. 4 feet of cover from the top of the pipe to the finished grad. The culvert will cross through 2 FPL easements, which are noted on the plans. (the “**Project**”) in accordance with the approved plans and specifications attached hereto as Exhibit B.

3. Licensee agrees to obtain all necessary rights from the owners of the Lands in the event Licensee does not own said Lands; to obtain any and all applicable federal, state, and local permits required in connection with Licensee’s use of the Lands; and at all times, to comply with all requirements of all federal, state, and local laws, ordinances, rules and regulations applicable or pertaining to the use of the Lands by Licensee pursuant to this Agreement.

4. Licensee understands that Company has a right and interest in and to these Lands under the Easement. Licensee understands that Company may maintain its facilities located on these Lands; make improvements; add additional facilities; maintain, construct or alter roads; maintain any facilities, devices, or improvements on the Lands which aid in or are necessary to Company’s business or operations; and the right to enter upon the Lands at all times for such purposes. Company, however, shall not unreasonably or unnecessarily interfere with Licensee’s granted use of the Lands hereunder.

5. Licensee and Company shall coordinate any activities that may from time-to-time require Licensee to relocate, alter, or remove its facilities and equipment, including parking spaces and areas, and other improvements made by Licensee pursuant to this Agreement which interfere with or prevent Company from properly and safely constructing, improving, and maintaining its facilities. Licensee agrees to relocate, alter, or remove said facilities, equipment, parking spaces and areas, and other improvements

within a reasonable period of time after receiving notice from Company to do so. Such relocation, alteration, or removal will be made at the sole cost and expense of Licensee and at no cost and expense to Company. Company shall be obligated to make all efforts to minimize any activities that would involve such interference with Licensee's use of the area.

6. Licensee agrees that it will not use the Lands in any manner which, in the opinion of Company, may tend to interfere with Company's use of the Lands or may tend to cause a hazardous condition to exist. Licensee agrees that no hazardous substance, as the term is defined in Section 101 (14) of the Comprehensive Environmental Response Compensation and Liability Act ("CERCLA") (42 USC Section 9601 [14]), petroleum products, liquids or flammables shall be placed on, under, transported across or stored on the Lands, which restricts, impairs, interferes with, or hinders the use of the Lands by Company or the exercise by Company of any of its rights thereto. Licensee agrees further that in the event it should create a hazardous condition, then upon notification by Company, Licensee shall, within seventy-two (72) hours, at its sole cost and expense, correct such condition or situation; provided however that the Company retains the right to enter upon the Lands and correct any such condition or situation at any time and, by its execution hereof, Licensee hereby agrees to indemnify and hold harmless Company from all loss, damage or injury resulting from Licensee's failure to comply with this provision.

7. Licensee hereby agrees and covenants to prohibit its agents, employees, and contractors from using any tools, equipment, or machinery on the Lands capable of extending greater than fourteen (14) feet above the proposed finished grade of the Project as shown in Exhibit B, and further agrees that no dynamite or other explosives shall be used within the Lands and that no alteration of the existing terrain, including the use of the Lands by Licensee as provided herein, shall be made which will result in preventing Company access to its facilities located within said Lands. Unless otherwise provided herein, Licensee agrees to maintain a one hundred and fifty (150) foot wide area, clear of any activities, with a lineal measurement of seventy-five (75) feet on each side of the centerline of Company's existing and planned facilities.

8. Licensee understands and agrees that the planting of trees, shrubs, and other foliage capable of exceeding fourteen (14) feet in height at full maturity is not permitted within Company's Lands.

9. Outdoor lighting installed or to be installed upon the Lands by Licensee are not to exceed a height of fourteen (14) feet above the proposed finished grade of the Project as shown in Exhibit B and metallic luminaries will be allowed by Company, as long as the poles are concrete and the standard supporting light fixtures are grounded.

10. Sprinkler systems installed or to be installed by Licensee upon the Lands are to be set so the spray height does not exceed fourteen (14) feet above the proposed finished grade of the Project as shown in Exhibit B and does not make contact with any Company's facilities. Aboveground systems shall not be installed within or across Company patrol or finger roads, and underground systems crossing said patrol and finger roads are to be buried at a minimum depth of three (3) feet below existing road grade.

11. Licensee agrees to warn its employees, agents, contractors and invitees of the fact that the electrical facilities and appurtenances installed or to be installed by Company within the Lands are of high voltage electricity and agrees to use all safety and precautionary measures when working under or near Company's facilities. Licensee hereby acknowledges the receipt of the required execution of Form 360, a copy of which is attached hereto as Exhibit C, prior to the commencement of construction within the Lands.

12. Licensee agrees, at all times, to maintain and keep the Lands clean and free of debris. Except as provided herein, Licensee further understands and agrees that certain uses of the Lands are specifically

prohibited; such uses include but are not limited to recreational purposes, hunting and camping, and Licensee agrees to notify its employees, agents, contractors, and invitees accordingly.

13. The use of the Lands by Licensee shall be at the sole risk and expense of Licensee, and Company is specifically relieved of any responsibility for damage or loss to Licensee or other persons resulting from Company's use of the Lands for its purpose.

14. Licensee agrees to reimburse Company for all cost and expense for any damage to Company's facilities resulting from Licensee's use of the Lands and agrees that if, in the opinion of Company, it becomes necessary as a result of Licensee's use of the Lands for Company to relocate, rearrange or change any of its facilities, to promptly reimburse Company for all cost and expense involved with such relocation, rearrangement or change.

15. Licensee agrees it will exercise its privileges hereunder at its own sole risk and agrees subject to the limitations contained in Section 768.28, Florida Statutes, if applicable, to indemnify and save harmless Company, its parent, subsidiaries, affiliates, and their respective officers, directors, agents and employees (collectively, the "**FPL Entities**"), from all liability, loss, cost, and expense, including attorneys' and paralegals' fees and court costs at all trial and appellate levels, which may be sustained by FPL Entities to any person, natural or artificial, by reason of the death of or injury to any person or damage to any property, arising out of or in connection with the herein described purposes by Licensee, its contractors, agents, or employees, unless solely caused by Company's gross negligence; and Licensee agrees subject to the limitations contained in Section 768.28, Florida Statutes, if applicable, to defend at its sole cost and expense and at no cost and expense to FPL Entities any and all suits or action instituted against FPL Entities, for the imposition of such liability, loss, cost and expense. It is the intent of the parties that Licensee shall not be liable pursuant to this indemnification provision to pay a claim or judgment by any one person or entity for loss, cost, or expense, including attorneys' and paralegals' fees and court costs at all trial and appellate levels for any amount in excess of \$200,000, or any claim or judgment, which when totaled with all other claims or judgments arising out of the same incident or occurrence, exceeds the sum of \$300,000 and that the foregoing indemnification shall not constitute a waiver of sovereign immunity beyond the limits set forth in Florida Statutes, Section 768.28, if applicable.

16. Licensee shall cause each of Licensee's contractors and subcontractors performing work in connection with the project during the period of this Agreement, to procure and maintain at such contractors' and subcontractors' sole expense, the following minimum insurance, with insurers with a rated "A-, VII" or higher by A.M. Best's Key Rating Guide (i) General Liability insurance with limits of \$1,000,000 for bodily injury or death of person(s) and property damage per occurrence, which shall insure against obligations assumed by Licensee in indemnity provision set forth in Section 15 above, (ii) Workers' Compensation Insurance for statutory obligations imposed by applicable laws, (iii) Employers' Liability Insurance with limits of \$1,000,000 for bodily injury per accident, by disease per policy and disease per employee and, (iv) Automobile Liability Insurance which shall apply to all owned, non-owned, leased and hired automobiles with limits of \$1,000,000 combined single limit. Except for the Workers' Compensation Insurance, Company shall be designated as an additional insured on Licensee's contractors' and subcontractors' insurance policies required to be maintained under this Agreement. Licensee shall require its contractors and subcontractors to name Company as an additional insured and provide for a waiver or subrogation in favor of Company. Upon Company's request, Licensee shall provide evidence of the required insurance coverage in the form of an ACORD certificate to Company evidencing that said policy of insurance is in force and will not be cancelled or non-renewed so as to affect the interests of Company until thirty (30) days written notice has been furnished to Company. Upon request, copies of Licensee's contractors' and subcontractors' policies will be furnished to Company by Licensee. Licensee understands and agrees that the use of the Lands for the purposes described herein is expressly contingent upon acceptance and compliance with the provisions contained herein.

Licensee shall be responsible for causing Licensee's contractors and subcontractors to manage and administer all insurance policies required hereunder, including the payment of all deductibles and self-insured retention amounts, the filing of all claims and the taking of all necessary and proper steps to collect any proceeds on behalf of the relevant insured person or entity. Licensee shall at all times keep Company informed of the filing and progress of any claim. If Licensee's contractors or subcontractors shall fail to perform these responsibilities, Company may take such action as it determines appropriate under the circumstances. In the event Licensee's contractors or subcontractors collects proceeds on behalf of other persons or entities, it shall ensure that these are paid directly from the insurers to the relevant person or entity and, in the event that it receives any such proceeds, it shall, unless otherwise directed by Company, pay such proceed to such party forthwith and prior thereto, hold the same in trust for the recipient.

Nothing in this Section shall be deemed to limit Licensee's liability under this Agreement regardless of the insurance coverages required hereunder. No limitation of liability provided to Licensee under this Agreement is intended nor shall run to the benefit of any insurance company or in any way prejudice, alter, diminish, abridge or reduce, in any respect, the amount of proceeds of insurance otherwise payable to Company under coverage required to be carried by Licensee under this Agreement, it being the intent of the parties that the full amount of insurance coverage bargained for be actually available notwithstanding any limitation of liability contained in this Agreement, if any. Company assumes no responsibility for the solvency of any insurer or the failure of any insurer to settle any claim. In the event that the Licensee self-insures, Licensee shall provide Company with a letter of self-insurance in form and substance satisfactory to Company's Risk Management Department. Licensee's contractors and subcontractors may not self-insure. This Section shall survive the expiration or earlier termination of this Agreement.

17. This Agreement will become effective upon execution by Company and Licensee and will remain in full force and effect until completion of Licensee's use of the Lands pursuant to this Agreement, unless earlier terminated upon ninety (90) days written notice by either Company or Licensee, or at the option of either Company or Licensee, immediately upon either party failing to comply with or to abide by any or all of the provisions contained herein.

18. The term "Licensee" shall be construed as embracing such number and gender as the character of the party or parties require(s) and the obligations contained herein shall be absolute and primary and shall be complete and binding as to each, including its successors and assigns, upon this Agreement being executed by Licensee and subject to no conditions precedent or otherwise.

19. Should any provision of this Agreement be determined by a court of competent jurisdiction to be illegal or in conflict with any applicable law, the validity of the remaining provisions shall not be impaired.

20. This Agreement constitutes the entire Agreement between the parties relative to the transaction contemplated herein and neither this Agreement nor any term or provision hereof may be changed or waived except by an instrument in writing and executed by both Licensee and Company.

21. This Agreement shall be interpreted and enforced in accordance with the laws of the State of Florida.

22. This Agreement may be executed simultaneously or in counterparts, each of which together shall constitute one and the same agreement.

23. This Agreement shall not be construed more strictly against one party than against the other, merely by virtue of the fact that it may have been prepared by counsel for one of the parties, it being recognized that both Licensee and Company have contributed substantially and materially in the negotiation and preparation of this Agreement, and that the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement or any exhibits, schedules, addendums or amendments hereto.

**24. COMPANY AND LICENSEE KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVE NOW AND FOREVERMORE, EACH AND ALL OF THEIR RIGHT(S) THAT EITHER PARTY HAS NOW OR MAY HAVE AT A FUTURE TIME TO A TRIAL BY JURY WITH RESPECT TO ANY LITIGATION UNDER, BASED UPON, ARISING FROM, ASSOCIATED OR CONNECTED WITH, OR RELATED TO THIS AGREEMENT OR ANY DOCUMENT CONTEMPLATED TO BE EXECUTED IN CONJUNCTION HEREWITH, OR ANY COURSE OF CONDUCT, COURSE OF DEALING, STATEMENT (WHETHER ORAL OR WRITTEN) OR ACTION OF OR BY COMPANY AND/OR LICENSEE. ANY PARTY HERETO MAY FILE A COPY OF THIS AGREEMENT WITH ANY COURT AS CONCLUSIVE EVIDENCE OF THE CONSENT OF THE PARTIES HERETO TO THE WAIVER OF ANY RIGHT THEY MAY HAVE TO TRIAL BY JURY.**

25. Licensee may assign its rights and obligations under this Agreement to a solvent party upon prior written consent of Company.

26. Licensee agrees that any review or approval by Company of the plans and/or specifications submitted by Licensee attached hereto as Exhibit B, the approval of the identity of any contractors, subcontractors and materialmen, or the delivery by Company of any construction specifications to Licensee, is solely for the purpose of processing this Agreement, and without any representation or warranty whatsoever to Licensee with respect to the adequacy, correctness or efficiency thereof or otherwise and it is understood that such Company's approval does not absolve Licensee of any liability hereunder. Further, Licensee, in connection with the construction, maintenance and/or removal of improvements depicted on Exhibit B to this Agreement, agrees to observe and fully comply with all construction, operation and maintenance standards, as well as all applicable laws, rules and regulations of the United States, the State of Florida, and all agencies and political subdivisions thereof, including without limitation, the National Electrical Safety Code and the Occupational Safety & Health Administration regulations, standards, rules, registers, directives or interpretations.

[Signatures appear on following page.]

The parties have executed this Agreement this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

Witnesses:

**COMPANY:**

**FLORIDA POWER & LIGHT COMPANY,**  
a Florida corporation

Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_

By: \_\_\_\_\_  
Its: Project Director, Real Estate  
Print Name: Samantha J. Saucier

Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_

Witnesses:

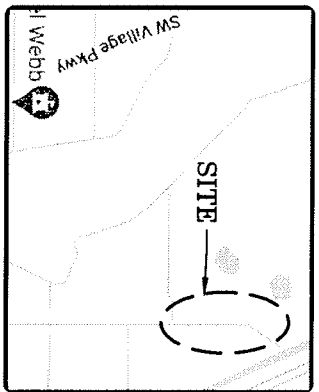
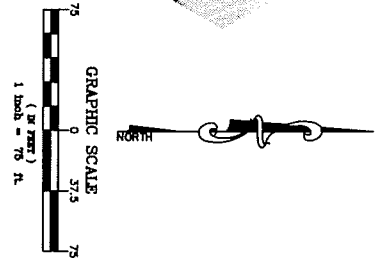
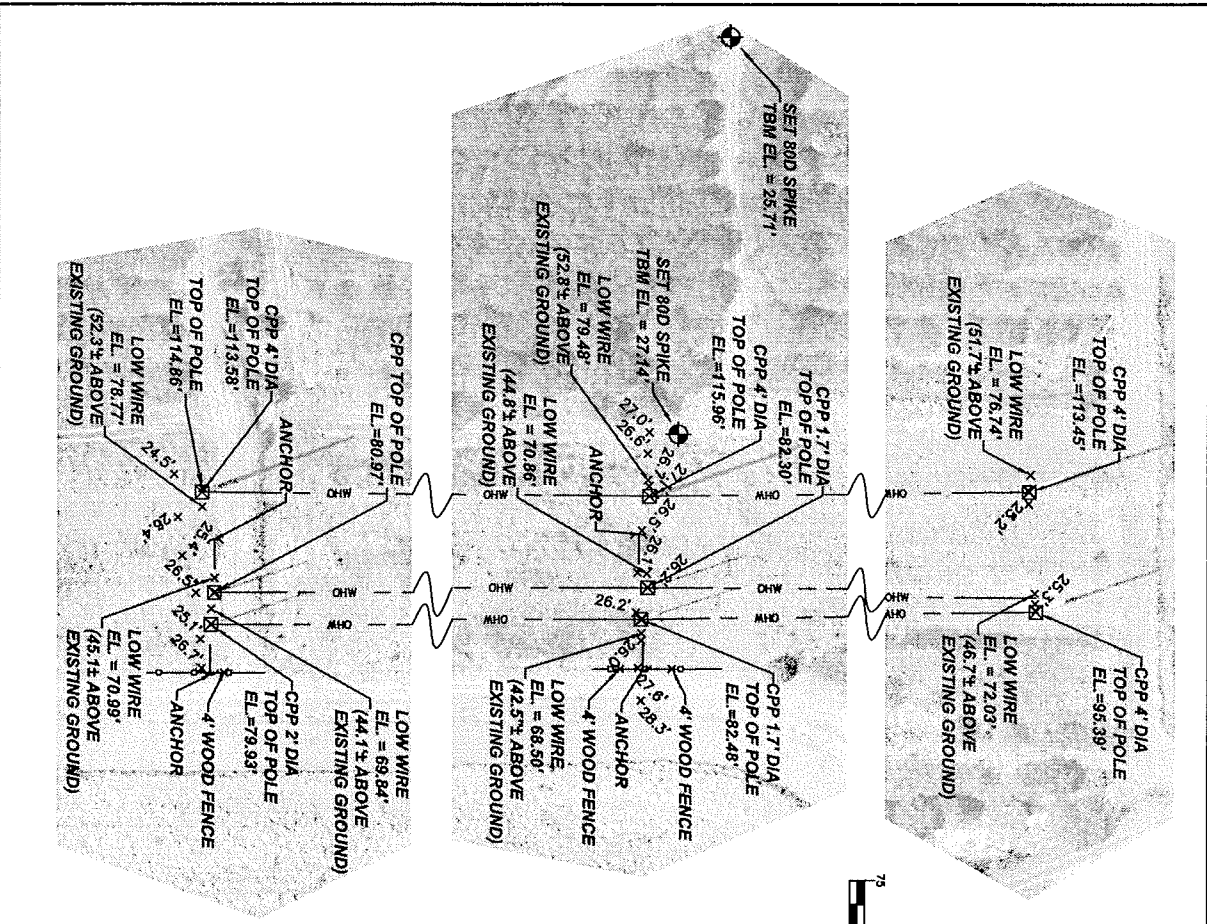
**LICENSEE:**

**CITY OF PORT ST. LUCIE,**  
a political subdivision of the State of Florida

Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_

By: \_\_\_\_\_  
Its: \_\_\_\_\_  
Print Name: \_\_\_\_\_

Signature: \_\_\_\_\_  
Print Name: \_\_\_\_\_



# EXHIBIT "A"

ST. LUCIE COUNTY, FLORIDA  
VICINITY MAP  
NO SCALE

## SURVEYORS NOTES AND REPORT:

1. THIS EXHIBIT WAS PERFORMED FOR THE PURPOSE OF MAPPING EXISTING FEATURES AND CONDITIONS, AS SHOWN AND RECORDED IN THE RECORD PLAT. THE SURVEY WAS CONDUCTED BY THE SURVEYOR AND A FLUORITE CERTIFIED THAT SAID DRAWING IS IN COMPLIANCE WITH THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS, IN CHAPTER 1S-17, FLORIDA ADMINISTRATIVE CODE PURSUANT TO SECTION 402.02, F.S.
2. THIS SURVEY MAP AND REPRODUCTIONS THEREOF ARE NOT VALID WITHOUT THE ORIGINAL SURVEYOR AND PAVED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. THIS SURVEY CANNOT BE TRANSMERGED OR ASSIGNED WITHOUT THE SPECIFIC WRITTEN PERMISSION OF ENGINEERING, DESIGN AND CONSTRUCTION, INC. IT IS A VIOLATION OF CHAPTER 1S-17, FLORIDA ADMINISTRATIVE CODE AND SECTION 402.02, F.S. TO REPRODUCE OR TRANSMERGE THIS SURVEY WITHOUT THE WRITTEN PERMISSION OF THE SURVEYOR.
3. THE DATE OF FIELD WORK (AND DATA ACQUISITION) WAS DECEMBER 8, 2021.
4. CURRENT DESCRIPTION(S) SHOWN HEREON PROVIDED BY THE CLIENT A TITLE SEARCH FOR THIS PROPERTY HAS NOT BEEN ABSTRACTED TO SHOW MATTERS OF RECORD SUCH AS EASEMENTS OR OTHER ENCUMBRANCES OR RESTRICTIONS.
5. THIS EXHIBIT HAS BEEN REFERENCED TO THE FLORIDA STATE PLANE COORDINATE SYSTEM - EAST ZONE, NAD 83 (1990).
6. SUB-SURFACE IMPROVEMENTS INCLUDING UNDERGROUND UTILITIES, UTILITY SERVICES, WERE NOT LOCATED AS PART OF THIS SURVEY.
7. REVISIONS SHOWN HEREON DO NOT REPRESENT A "FIELD SURVEY UPDATE" UNLESS OTHERWISE NOTED.
8. DATUM SHOWN HEREON IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD83) AND ARE BASED ON THE 2011 BENCHMARK FOR THE PROPERTY. THE REMAINING (RTN) OBSERVATION WITH AN ACCURACY OF ±0.06"-0.10". SITE BENCHMARKS UTILIZED ARE SHOWN HEREON.
9. THIS SITE WAS SURVEYED UTILIZING TRIANGULAR/SPECTRA HARDWARE TOGETHER WITH SPECIAL SURVEY PRO REALTIME PROCESSING AND WAS BASED ON TRIANGLES "AS NOW" NETWORK AND/OR THE FLORIDA REQUIRING REFERENCE NETWORK (FRPN). THE PROCEDURES AND NETWORK DESIGN MEETS THE GEOMETRIC ACCURACY STANDARDS AND SPECIFICATIONS FOR SURVEYS OF THIS CLASSIFICATION AS SET FORTH BY THE FEDERAL GEODETIC CONTROL COMMITTEE IN THE MOST CURRENT EDITION OF THE SURVEYING MANUAL.
10. IN SOME INSTANCES, GRAPHIC REPRESENTATIONS AND SYMBOLS SHOWN HAVE BEEN ENLARGED TO MORE CLEARLY ILLUSTRATE THE RELATIONSHIP BETWEEN PHYSICAL IMPROVEMENTS AND/OR LOT LINES. THE DIMENSIONS SHOWN SHALL CONTROL.
11. THE OWNERSHIP OF PERMITS, EASEMENTS, RIGHTS, HEREDITARY AND LANDSCAPING, IF ANY, SHOWN HEREON ARE NOT KNOWN AND NOT RECORDED. THE SURVEYOR HAS NOT INVESTIGATED THE LOCATION OF ANY PERMITS OR EASEMENTS. THE BOUNDARY LINES SHOWN ARE THE PROPERTY OF THE SURVEYOR. THE INFORMATION OBTAINED OR DEVELOPED BY THE UNDERGROUND SURVEYOR IN HIS FIELD WORK, OFFICE WORK OR RESEARCH.
12. THE ENGINEER HAS REVIEWED THIS EXHIBIT AND HAS NOTED THE INFORMATION OBTAINED OR DEVELOPED BY THE UNDERGROUND SURVEYOR IN HIS FIELD WORK, OFFICE WORK OR RESEARCH.

## ABBREVIATION LEGEND:

DA	DIAMETER
EL	ELEVATION
CPP	CONCRETE POWER POLE
TBM	TEMPORARY BENCH MARK
OHW	OVERHEAD WIRE

MICHAEL T. OWEN PROFESSIONAL SURVEYOR AND MAPPER SIGNATURE DATE: \_\_\_\_\_  
FLORIDA REGISTRATION #5556

EXHIBIT

FOR: MILLER CONSTRUCTION

LAND LYING IN

SECTION 23, TOWNSHIP 37S, RANGE 39E

ST. LUCIE COUNTY, FLORIDA

ENGINEERS & SURVEYORS ENVIRONMENTAL

10250 VILLAGE PARKWAY - UNIT 201

PORT ST. LUCIE, FL 34987

772-462-2455

www.edc-inc.com

F.B.P.E. CERTIFICATE OF AUTHORIZATION 9935

L.B. CERTIFICATE OF AUTHORIZATION 8098

DRAWN BY: MDP

CHECKED BY: MTO

CREW: JP

DATE: 12/03/2021

PROJECT: 21-370

SHEET

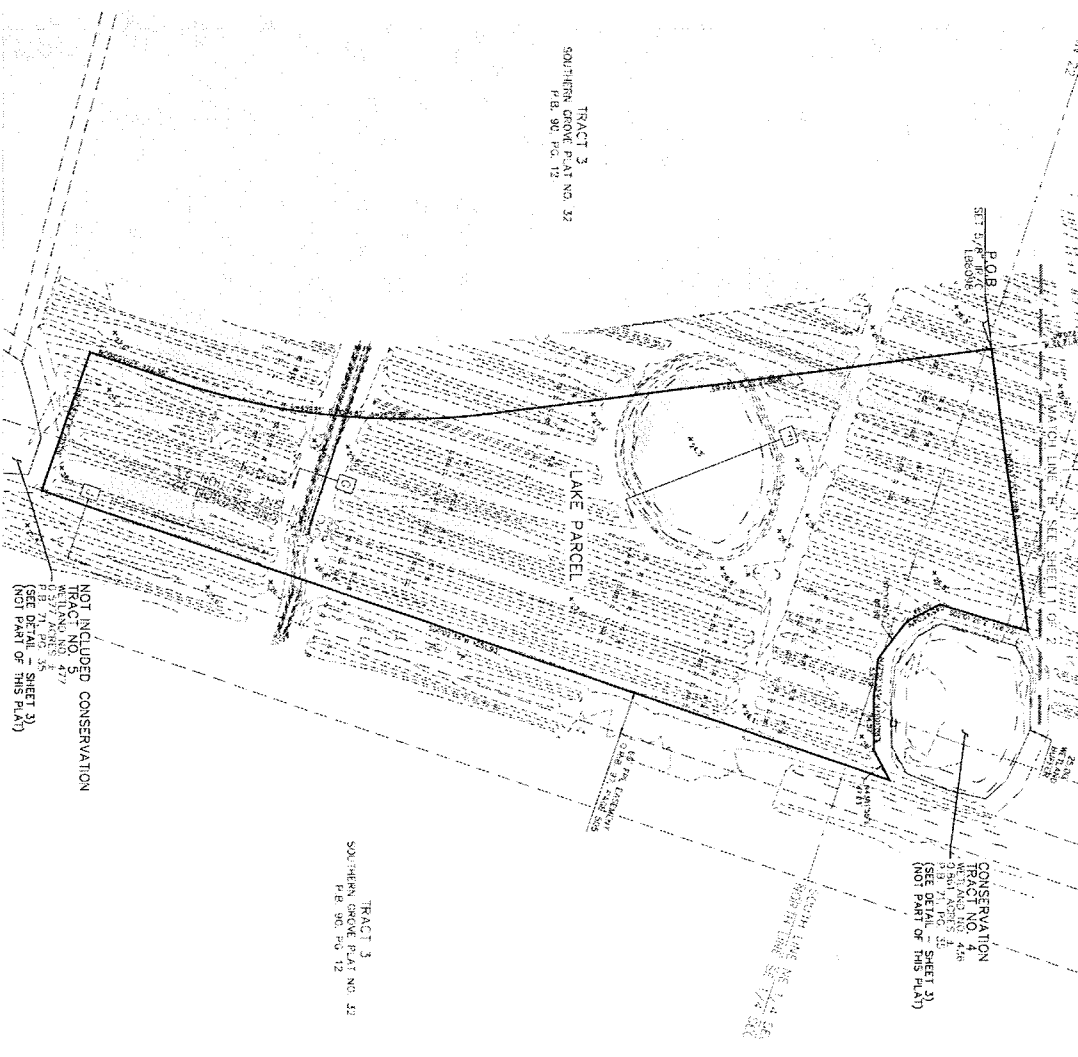
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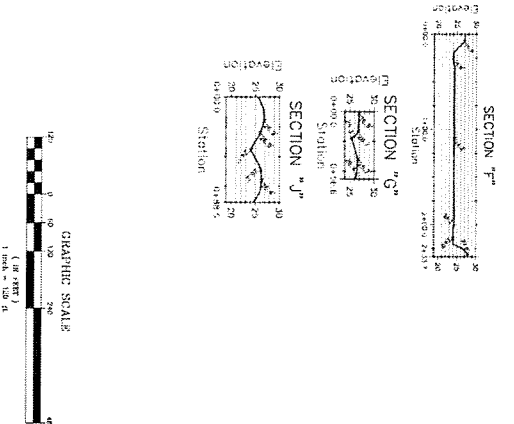
THIS DOCUMENT, TOGETHER WITH THE CONCEPT AND DESIGN PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE PROJECT, PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. NO OTHER RELIANCE ON THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF THE FIRM IS PERMITTED. ANY REUSE OR MODIFICATION OF THIS DOCUMENT WITHOUT THE WRITTEN CONSENT OF THE FIRM IS PROHIBITED. THE FIRM AND ITS DESIGN PROFESSIONALS SHALL BE RESPONSIBLE ONLY FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT AS SHOWN ON THIS DOCUMENT. THE FIRM AND ITS DESIGN PROFESSIONALS SHALL NOT BE RESPONSIBLE FOR ANY OTHER PROJECTS OR FOR ANY OTHER PART OF THE PROJECT. THE FIRM AND ITS DESIGN PROFESSIONALS SHALL NOT BE RESPONSIBLE FOR ANY OTHER PART OF THE PROJECT. THE FIRM AND ITS DESIGN PROFESSIONALS SHALL NOT BE RESPONSIBLE FOR ANY OTHER PART OF THE PROJECT.

# TOPOGRAPHIC SURVEY FOR: TRADITION COMMERCE PARK



**SYMBOL & ABBREVIATION LEGEND:**

1	Spot Elevation	10	Spot Elevation	19	Spot Elevation
2	Spot Elevation	11	Spot Elevation	20	Spot Elevation
3	Spot Elevation	12	Spot Elevation	21	Spot Elevation
4	Spot Elevation	13	Spot Elevation	22	Spot Elevation
5	Spot Elevation	14	Spot Elevation	23	Spot Elevation
6	Spot Elevation	15	Spot Elevation	24	Spot Elevation
7	Spot Elevation	16	Spot Elevation	25	Spot Elevation
8	Spot Elevation	17	Spot Elevation	26	Spot Elevation
9	Spot Elevation	18	Spot Elevation	27	Spot Elevation
10	Spot Elevation	19	Spot Elevation	28	Spot Elevation
11	Spot Elevation	20	Spot Elevation	29	Spot Elevation
12	Spot Elevation	21	Spot Elevation	30	Spot Elevation
13	Spot Elevation	22	Spot Elevation	31	Spot Elevation
14	Spot Elevation	23	Spot Elevation	32	Spot Elevation
15	Spot Elevation	24	Spot Elevation	33	Spot Elevation
16	Spot Elevation	25	Spot Elevation	34	Spot Elevation
17	Spot Elevation	26	Spot Elevation	35	Spot Elevation
18	Spot Elevation	27	Spot Elevation	36	Spot Elevation
19	Spot Elevation	28	Spot Elevation	37	Spot Elevation
20	Spot Elevation	29	Spot Elevation	38	Spot Elevation
21	Spot Elevation	30	Spot Elevation	39	Spot Elevation
22	Spot Elevation	31	Spot Elevation	40	Spot Elevation
23	Spot Elevation	32	Spot Elevation	41	Spot Elevation
24	Spot Elevation	33	Spot Elevation	42	Spot Elevation
25	Spot Elevation	34	Spot Elevation	43	Spot Elevation
26	Spot Elevation	35	Spot Elevation	44	Spot Elevation
27	Spot Elevation	36	Spot Elevation	45	Spot Elevation
28	Spot Elevation	37	Spot Elevation	46	Spot Elevation
29	Spot Elevation	38	Spot Elevation	47	Spot Elevation
30	Spot Elevation	39	Spot Elevation	48	Spot Elevation
31	Spot Elevation	40	Spot Elevation	49	Spot Elevation
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35	Spot Elevation	44	Spot Elevation	53	Spot Elevation
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43	Spot Elevation	52	Spot Elevation	61	Spot Elevation
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47	Spot Elevation	56	Spot Elevation	65	Spot Elevation
48	Spot Elevation	57	Spot Elevation	66	Spot Elevation
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52	Spot Elevation	61	Spot Elevation	70	Spot Elevation
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59	Spot Elevation	68	Spot Elevation	77	Spot Elevation
60	Spot Elevation	69	Spot Elevation	78	Spot Elevation
61	Spot Elevation	70	Spot Elevation	79	Spot Elevation
62	Spot Elevation	71	Spot Elevation	80	Spot Elevation
63	Spot Elevation	72	Spot Elevation	81	Spot Elevation
64	Spot Elevation	73	Spot Elevation	82	Spot Elevation
65	Spot Elevation	74	Spot Elevation	83	Spot Elevation
66	Spot Elevation	75	Spot Elevation	84	Spot Elevation
67	Spot Elevation	76	Spot Elevation	85	Spot Elevation
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69	Spot Elevation	78	Spot Elevation	87	Spot Elevation
70	Spot Elevation	79	Spot Elevation	88	Spot Elevation
71	Spot Elevation	80	Spot Elevation	89	Spot Elevation
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73	Spot Elevation	82	Spot Elevation	91	Spot Elevation
74	Spot Elevation	83	Spot Elevation	92	Spot Elevation
75	Spot Elevation	84	Spot Elevation	93	Spot Elevation
76	Spot Elevation	85	Spot Elevation	94	Spot Elevation
77	Spot Elevation	86	Spot Elevation	95	Spot Elevation
78	Spot Elevation	87	Spot Elevation	96	Spot Elevation
79	Spot Elevation	88	Spot Elevation	97	Spot Elevation
80	Spot Elevation	89	Spot Elevation	98	Spot Elevation
81	Spot Elevation	90	Spot Elevation	99	Spot Elevation
82	Spot Elevation	91	Spot Elevation	100	Spot Elevation



<p>10269 VILLAGE PARKWAY PORT ST. LUCIE, FL 34987 977-482-2485 www.escenv.com</p>	<p><b>TOPOGRAPHIC SURVEY</b> <b>FOR: TRADITION COMMERCE PARK</b> A PORTION OF TRACT 3 SOUTHERN GROVE PLAT NUMBER 32 SEC. 22/23, TOWNSHIP. 37 SOUTH, RGE. 38 EAST ST. LUCIE COUNTY, FLORIDA</p>	<p>DESIGN BY CHECKED BY FIELD ENGINEER DATE</p>	<p>10269 VILLAGE PARKWAY PORT ST. LUCIE, FL 34987 977-482-2485 www.escenv.com</p>
21-325	2 OF 2		

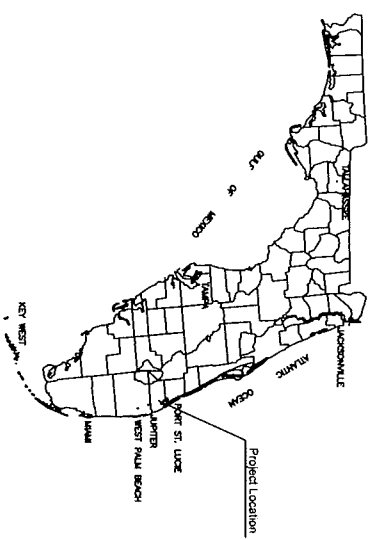
# EXHIBIT



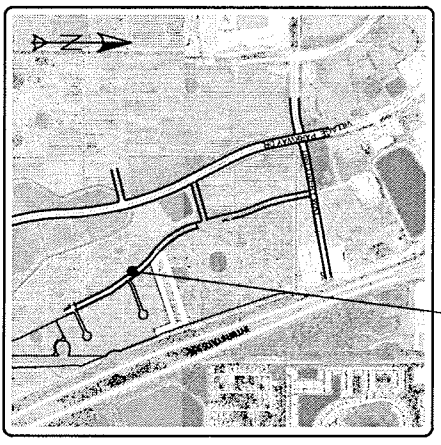
## CONSTRUCTION PLANS AND SPECIFICATIONS FOR CITY OF PORT ST LUCIE SOUTHWEST TOM MACKIE BOULEVARD - PHASE III

SECTIONS 15 & 22, TOWNSHIP 37S RANGE 39E  
PORT SAINT LUCIE, FL

LOCATION MAP



VICINITY MAP



LENGTH OF PROJECT		LENGTH OF PROJECT	MILES
LF	41,930		
			10.37

**SOILS INFORMATION - EASTERN & WEST MACKIE BLVD**  
 SOILS INFORMATION FOR THE PROJECT AREA IS BASED ON THE SOILS DATA FROM THE SOILS SURVEY OF THE PORT SAINT LUCIE AREA, FLORIDA, 1984. THE SOILS SURVEY IS AVAILABLE FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, TALLAHASSEE, FLORIDA. THE SOILS SURVEY IS AVAILABLE FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, TALLAHASSEE, FLORIDA. THE SOILS SURVEY IS AVAILABLE FROM THE FLORIDA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, TALLAHASSEE, FLORIDA.

**THIS CONTRACT PLAN SET INCLUDES:**

**ROADWAY CONSTRUCTION PLANS**

**INDEX OF SHEETS**

- 1 COVER
- 2-3 KEY SHEET
- 4 SUMMARY OF PAY ITEMS & FOOTNOTES
- 5 TYPICAL SECTION AND DETAILS
- 6-10 PAVING, GRADING, & DRAINAGE PLAN AND PROFILE
- 11 OFF-SITE LAKE CONSTRUCTION
- 12 CROSS-SECTIONS
- 13-16 UTILITY PLAN AND PROFILE
- 17-18 UTILITY CONFLICT DETAILS
- 19-21 UTILITY DETAILS
- 22-23 STRIPING & SIGNAGE PLAN
- 24-25 STORMWATER POLLUTION PREVENTION PLAN
- 26 STORMWATER POLLUTION PREVENTION DETAILS
- 27 SPECIFICATIONS

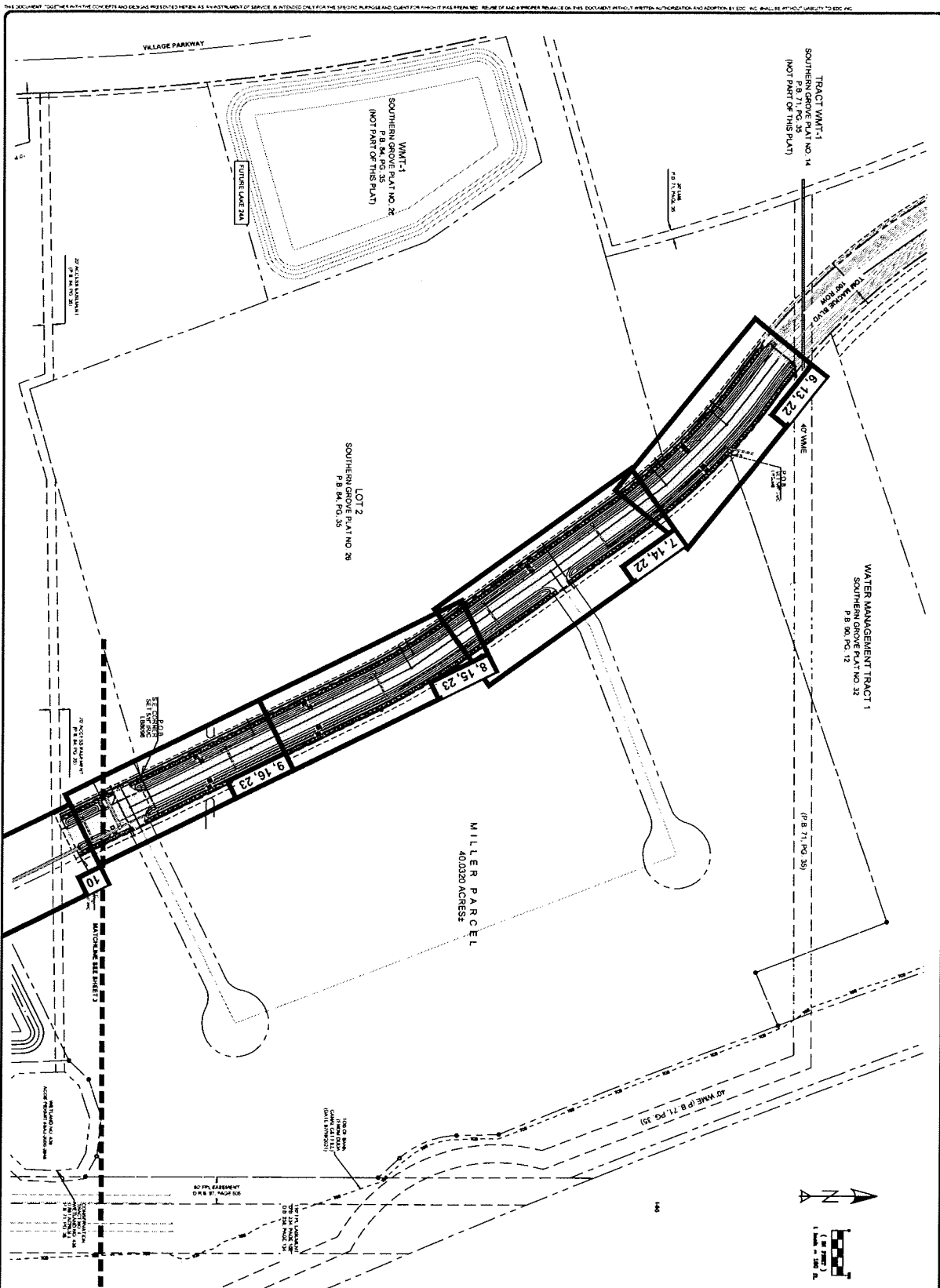
STRIPING PER FDOT INDEX 711-001	ROADWAY TRANSITION PER FDOT INDEX 711-001
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**SPEED LIMIT:**  
30 MPH  
**DESIGN SPEED:**  
40 MPH

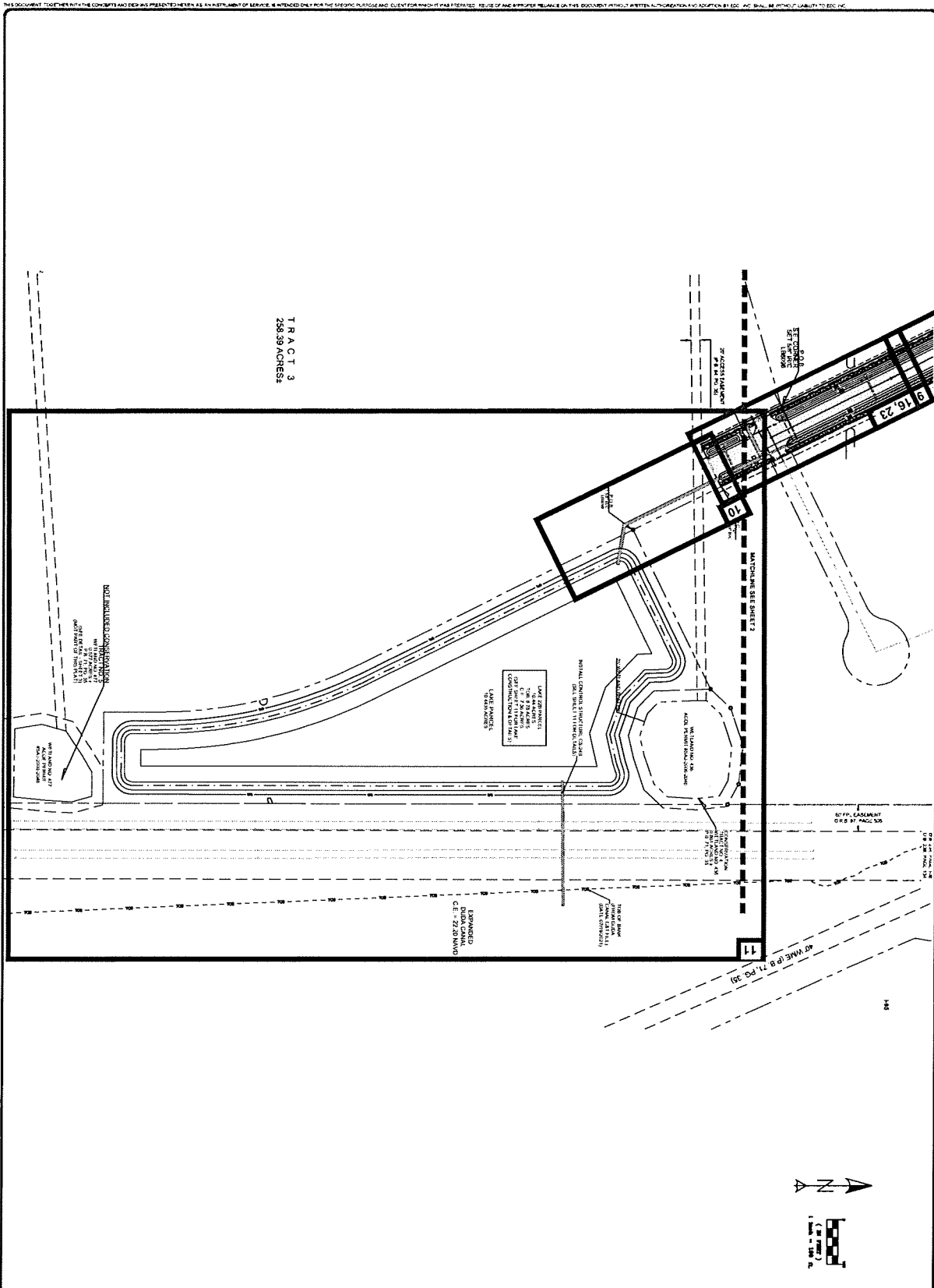
**100% PROGRESS SET  
NOT FOR  
CONSTRUCTION**

**NOTICE TO CONTRACTORS:**  
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF PORT SAINT LUCIE AND THE FLORIDA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, TALLAHASSEE, FLORIDA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF PORT SAINT LUCIE AND THE FLORIDA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, TALLAHASSEE, FLORIDA. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE CITY OF PORT SAINT LUCIE AND THE FLORIDA DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, TALLAHASSEE, FLORIDA.

**J.E. HARRISON, P.E. (SEALED)**  
 1625 NW ALLUOY DRIVE - SUITE 201  
 PORT SAINT LUCIE, FL 34957

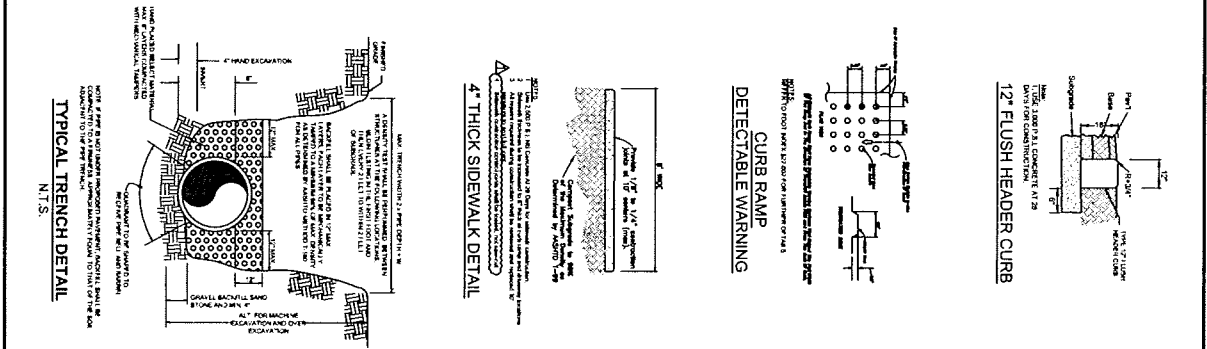


2 OF 27	21-370	 J. HARRISON, P.E. (DBI) 10250 VILLAGE PARKWAY SUITE 201 PORT ST. LUCIE, FLORIDA 34957 (888) 242-2452	CITY OF PORT ST LUCIE SOUTHWEST TOM MACKIE BLVD - PH III KEYSHEET PORT ST. LUCIE      FLORIDA	REVIEW COMMENTS         	1" = 500' NORTH	 ENGINEERS & SURVEYORS ENVIRONMENTAL 10250 VILLAGE PARKWAY SUITE 201 PORT ST. LUCIE, FLORIDA 34957 (888) 242-2452
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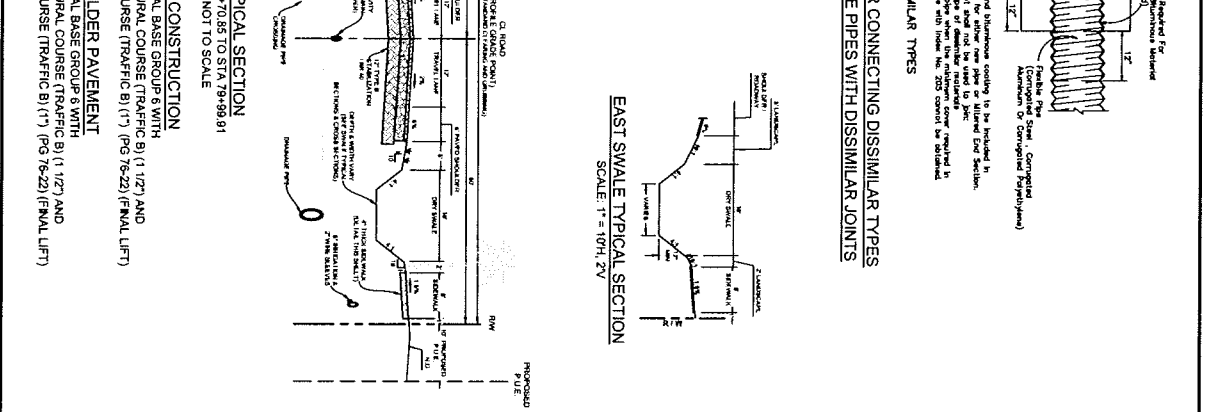
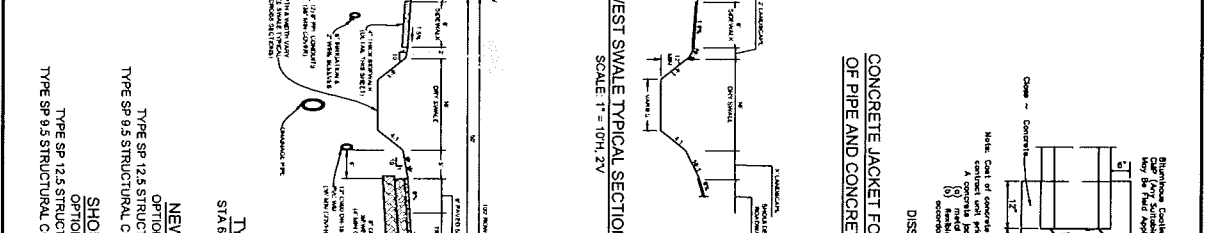
<p>3 OF 27</p>	<p>21-370</p>	<p><b>J.E. MATTHEWS, P.E. (0476)</b> REGISTERED PROFESSIONAL ENGINEER 1000 W. US HWY 1 SUITE 201 PORT ST LUCIE, FL 34957 TEL: 888-888-8888</p>	<p><b>CITY OF PORT ST LUCIE</b> <b>SOUTHWEST TOM MACKIE BLVD - PH III</b> <b>KEYSHEET</b> PORT ST, LUCIE FLORIDA</p>	<p>DATE: 12/14/21 DRAWN BY: JRM CHECKED BY: JRM DESIGNED BY: JRM SCALE: AS SHOWN PROJECT NO: 21-370</p>	<p><b>ENGINEER &amp; SURVEYOR</b> <b>ENVIRONMENTAL</b> <b>10350 VILLAGE PARKWAY</b> <b>SUITE 201, 34887</b> <b>PORT ST LUCIE, FL 34957</b> TEL: 888-888-8888 WWW.BDOUSA.COM</p>
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**TRAFFIC DATA**

CURRENT YEAR = N/A  
 ESTIMATED OPENING YEAR = N/A  
 ESTIMATED DESIGN YEAR = N/A  
 K = N/A%  
 D = N/A%  
 DESIGN HOUR T = N/A%  
 POSTED SPEED = 30 MPH



**CITY OF PORT ST LUCIE**

**SOUTHWEST TOM MACKIE BLVD - PH III**

**TYPICAL SECTION AND DETAILS**

PORT ST. LUCIE FLORIDA

**ENGINEER'S & ARCHITECT'S**

**ENVIRONMENTAL**

**10250 VILLAGE PARKWAY**

**SUITE 201**

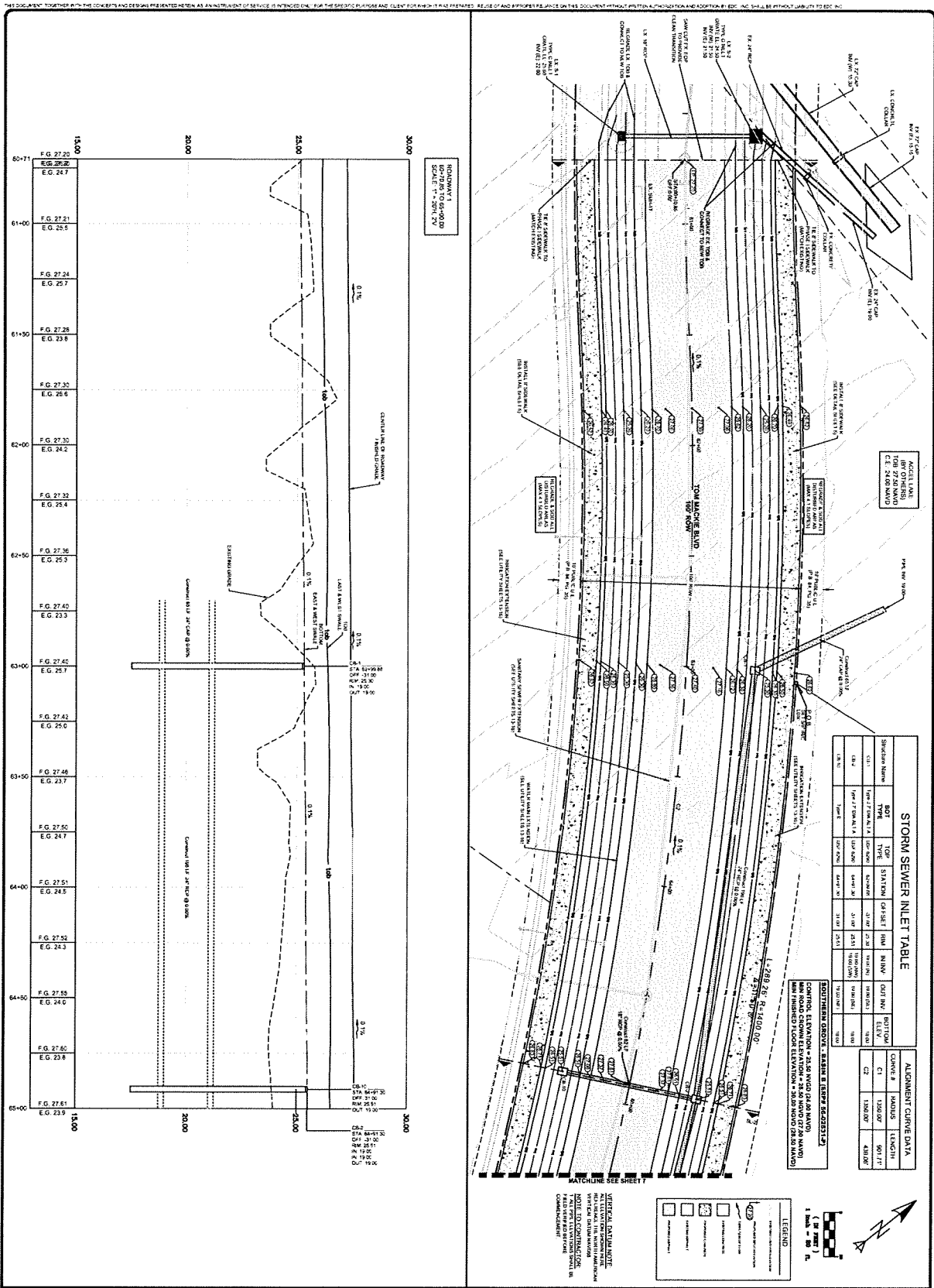
**PORT ST. LUCIE, FL 34987**

**PHONE: 888-228-3455**

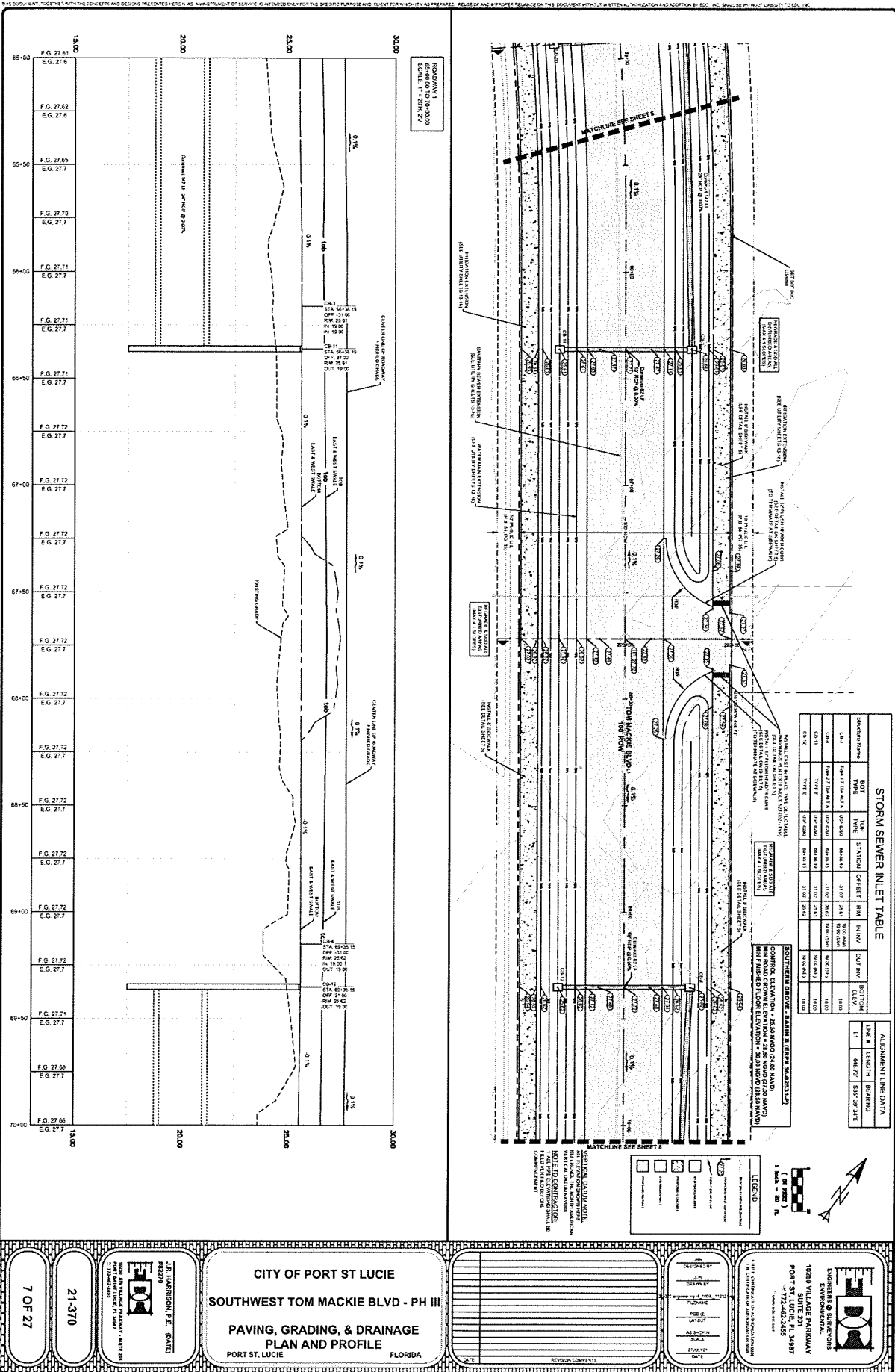
**WWW.PSLUSUD.COM**

**21-370**

**5 OF 27**



<p><b>6 OF 27</b></p>	<p>21-370</p>	<p><b>J. B. HARRISON, P.E. (SEAL)</b>                  REGISTERED PROFESSIONAL ENGINEER                  STATE OF FLORIDA                  NO. 12827                  1000 W. UNIVERSITY BLVD., SUITE 200                  PORT ST. LUCIE, FL 34956</p>	<p><b>CITY OF PORT ST LUCIE</b>                  SOUTHWEST TOM MACKIE BLVD - PH III                  PAVING, GRADING, &amp; DRAINAGE                  PLAN AND PROFILE                  PORT ST. LUCIE, FLORIDA</p>	<p><b>EDC</b>                  ENGINEERS &amp; SURVEYORS                  ENVIRONMENTAL                  10250 VILLAGE PARKWAY                  PORT ST. LUCIE, FL 34987                  772-462-2445</p>
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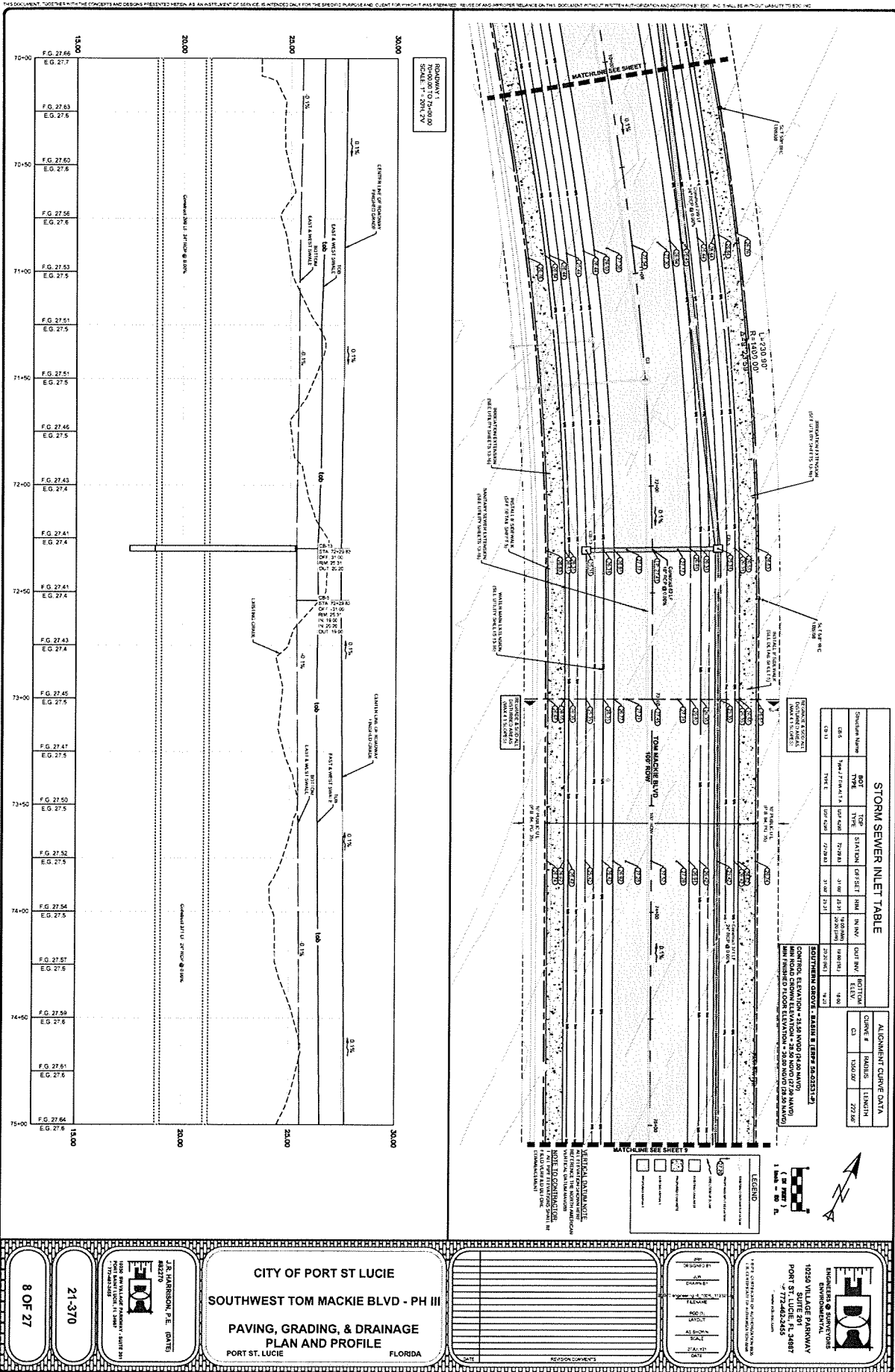
**T. J. DAVIDSON, P.E. (EX-1878)**  
 1825 S.W. 16TH AVENUE  
 SUITE 201  
 PORT ST. LUCIE, FL 34956  
 TEL: 772-853-3455

**BURDETTE & BURDETTE**  
 ENGINEERS & SURVEYORS  
 ENVIRONMENTAL  
 10299 VILLAGE PARKWAY  
 SUITE 201 24887  
 PORT ST. LUCIE, FL 34956  
 TEL: 772-887-3455

**CITY OF PORT ST LUCIE**  
**SOUTHWEST TOM MACKIE BLVD - PH III**  
**PAVING, GRADING, & DRAINAGE**  
**PLAN AND PROFILE**  
 PORT ST. LUCIE, FLORIDA

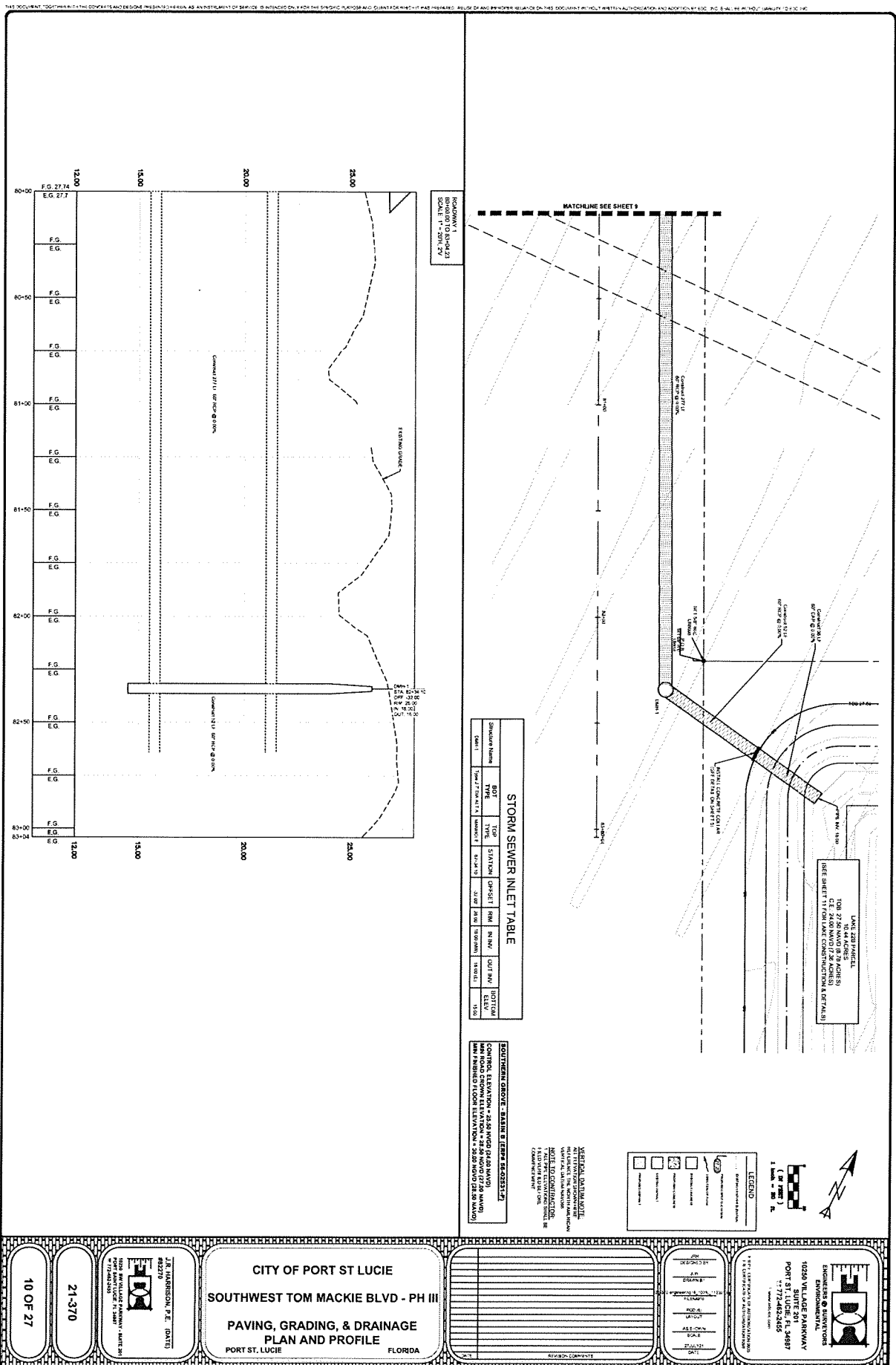
21-370  
**7 OF 27**





 T. J. TRANSON P.E. (ARTS) 1000 W. US HWY 1, SUITE 201 PORT ST. LUCIE, FL 34953 PHONE: 888-372-7273 FAX: 888-372-7274	<b>CITY OF PORT ST LUCIE</b> <b>SOUTHWEST TOM MACKIE BLVD - PH III</b> <b>PAVING, GRADING, &amp; DRAINAGE</b> <b>PLAN AND PROFILE</b> PORT ST. LUCIE FLORIDA	SHEET NO. 8 OF 27	SHEET NO. 21-370	 ENVIRONMENTAL & SUSTAINABLE DEVELOPMENT 10250 VILLAGE PARKWAY SUITE 201 PORT ST. LUCIE, FL 34953 PHONE: 888-372-7273 FAX: 888-372-7274
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Proposed 1' ROAD TO 120'-23 SCALE 1"=20', 2"

MATCHLINE SEE SHEET 9

**STORM SEWER INLET TABLE**

Stationing	BOI TYPE	Top SITION	CHSIST	INLET	OUTLET	NOTION
TYPE	TYPE	TYPE	TYPE	TYPE	TYPE	TYPE
80+00	1	1	1	1	1	1
80+10	1	1	1	1	1	1
80+20	1	1	1	1	1	1
80+30	1	1	1	1	1	1
80+40	1	1	1	1	1	1
80+50	1	1	1	1	1	1
80+60	1	1	1	1	1	1
80+70	1	1	1	1	1	1
80+80	1	1	1	1	1	1
80+90	1	1	1	1	1	1
81+00	1	1	1	1	1	1
81+10	1	1	1	1	1	1
81+20	1	1	1	1	1	1
81+30	1	1	1	1	1	1
81+40	1	1	1	1	1	1
81+50	1	1	1	1	1	1
81+60	1	1	1	1	1	1
81+70	1	1	1	1	1	1
81+80	1	1	1	1	1	1
81+90	1	1	1	1	1	1
82+00	1	1	1	1	1	1
82+10	1	1	1	1	1	1
82+20	1	1	1	1	1	1
82+30	1	1	1	1	1	1
82+40	1	1	1	1	1	1
82+50	1	1	1	1	1	1
82+60	1	1	1	1	1	1
82+70	1	1	1	1	1	1
82+80	1	1	1	1	1	1
82+90	1	1	1	1	1	1
83+00	1	1	1	1	1	1

**EQUIPMENT GROOVE - RAIN & FLOOD PROTECTION**  
 EQUIPMENT GROOVE ELEVATION = 28.00 (28.00 MAND)  
 MAN HOOD DECK ELEVATION = 28.00 (28.00 MAND)  
 MAN RAINHOOD FLOOR ELEVATION = 28.00 (28.00 MAND)

VERTICAL CURVE NOTE  
 ALL VERTICAL CURVES SHALL BE PARABOLIC  
 NOTE TO CONTRACTOR:  
 ALL ELEVATIONS SHOWN ARE IN FEET AND INCHES  
 UNLESS OTHERWISE NOTED  
 (CONTRACTOR'S NOTE)

**LEGEND**

- Proposed Paving
- Proposed Grading
- Proposed Drainage
- Proposed Storm Sewer
- Proposed Storm Sewer Inlet
- Proposed Storm Sewer Manhole
- Proposed Storm Sewer Catch Basin
- Proposed Storm Sewer Valve
- Proposed Storm Sewer Access Point
- Proposed Storm Sewer Access Point (Cover)
- Proposed Storm Sewer Access Point (Frame)
- Proposed Storm Sewer Access Point (Frame & Cover)
- Proposed Storm Sewer Access Point (Frame & Cover & Inlet)
- Proposed Storm Sewer Access Point (Frame & Cover & Inlet & Outlet)
- Proposed Storm Sewer Access Point (Frame & Cover & Inlet & Outlet & Valve)
- Proposed Storm Sewer Access Point (Frame & Cover & Inlet & Outlet & Valve & Manhole)
- Proposed Storm Sewer Access Point (Frame & Cover & Inlet & Outlet & Valve & Manhole & Catch Basin)
- Proposed Storm Sewer Access Point (Frame & Cover & Inlet & Outlet & Valve & Manhole & Catch Basin & Valve)
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- Proposed Storm Sewer Access Point (Frame & Cover & Inlet & Outlet & Valve & Manhole & Catch Basin & Valve & Manhole & Catch Basin & Valve & Manhole)

**1" = 20' (PLAN)**  
**1" = 2' (PROFILE)**

**LEGEND**

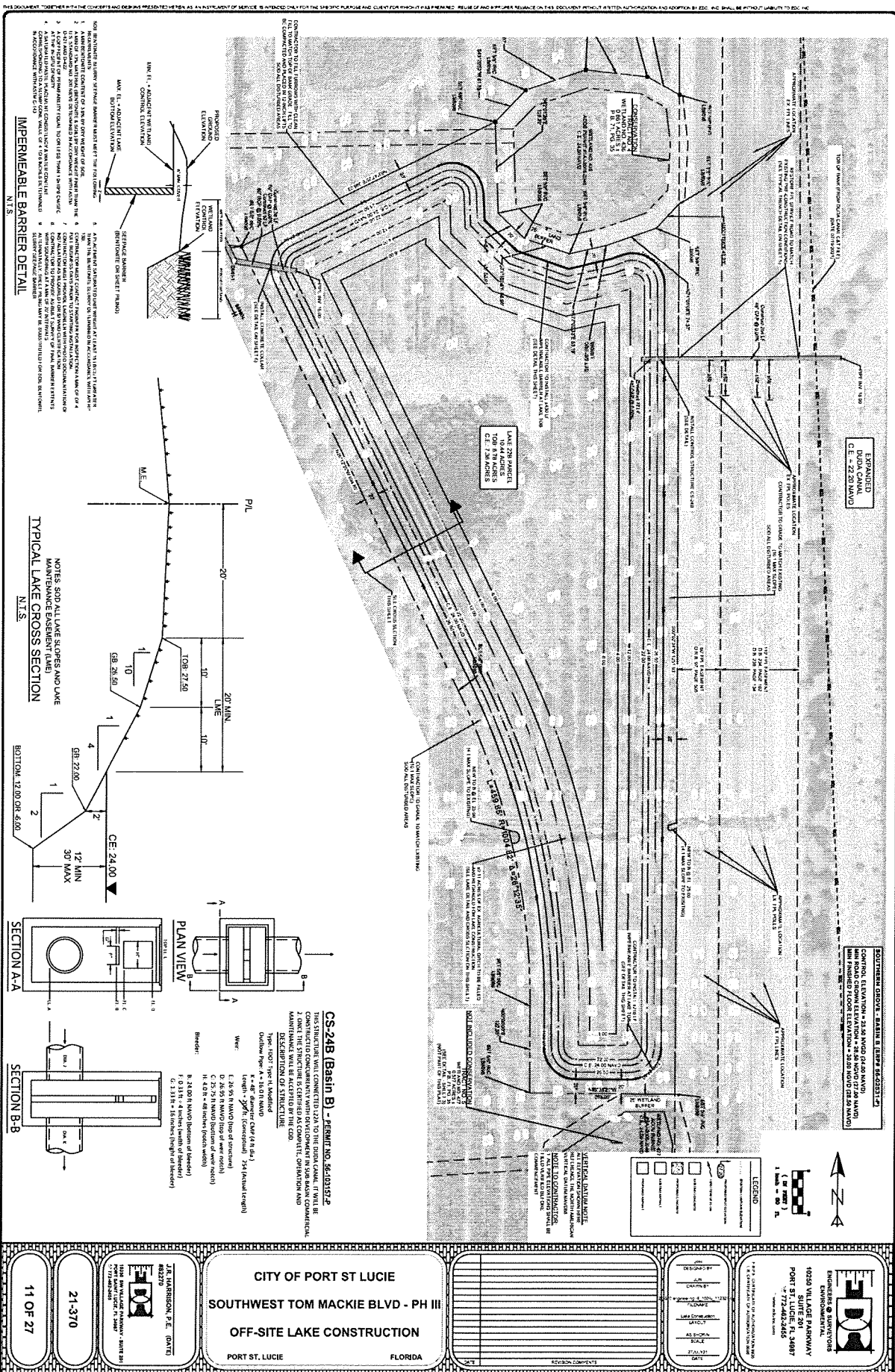
- Proposed Paving
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**CITY OF PORT ST LUCIE**  
**SOUTHWEST TOM MACKIE BLVD - PH III**  
**PAVING, GRADING, & DRAINAGE**  
**PLAN AND PROFILE**  
 PORT ST, LUCIE FLORIDA

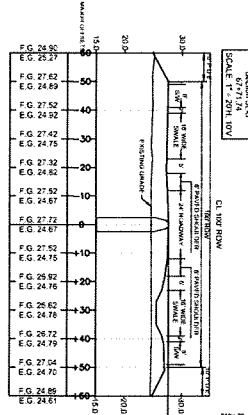
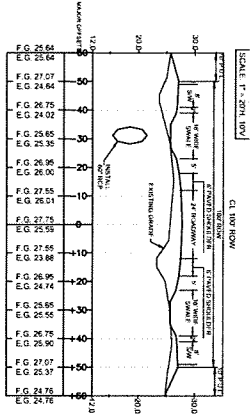
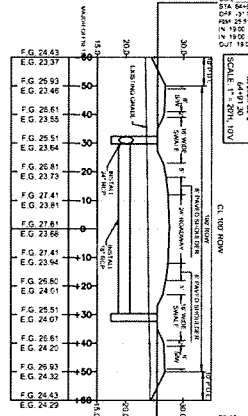
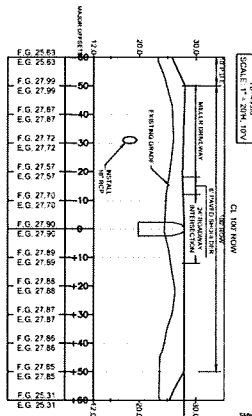
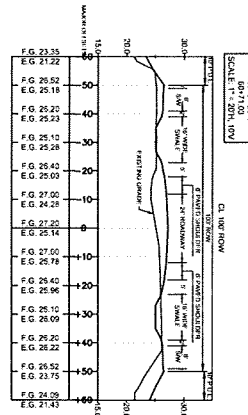
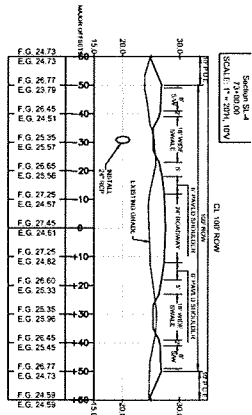
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**21-370**

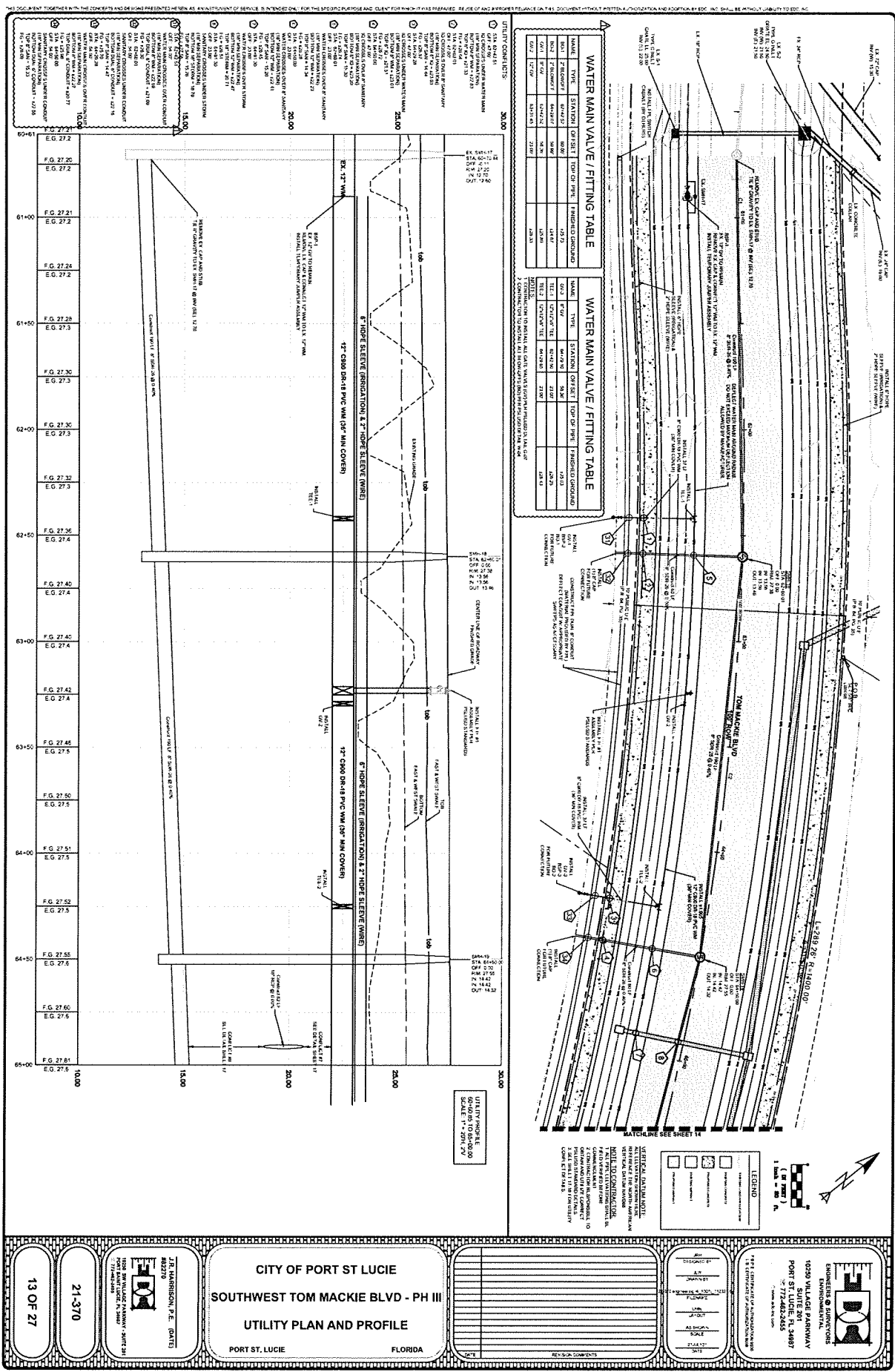
**T. R. ANDERSON, P.E. (D.A.T.S.)**  
 REG. NO. 12070  
 PROFESSIONAL ENGINEER  
 CIVIL ENGINEERING  
 10250 VILLAGE PARKWAY  
 SUITE 201  
 PORT ST. LUCIE, FL 34987  
 TEL: 772-462-2455  
 FAX: 772-462-2456



THIS DOCUMENT TOGETHER WITH THE CONCEPTS AND DETAILS PRESENTED HEREIN AS AN INSTRUMENT OF SERVICE IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. RESULTS OF AND PROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADOPTION BY E.O.C. INC. SHALL BE AT THE CLIENT'S RISK AND LIABILITY TO E.O.C. INC.

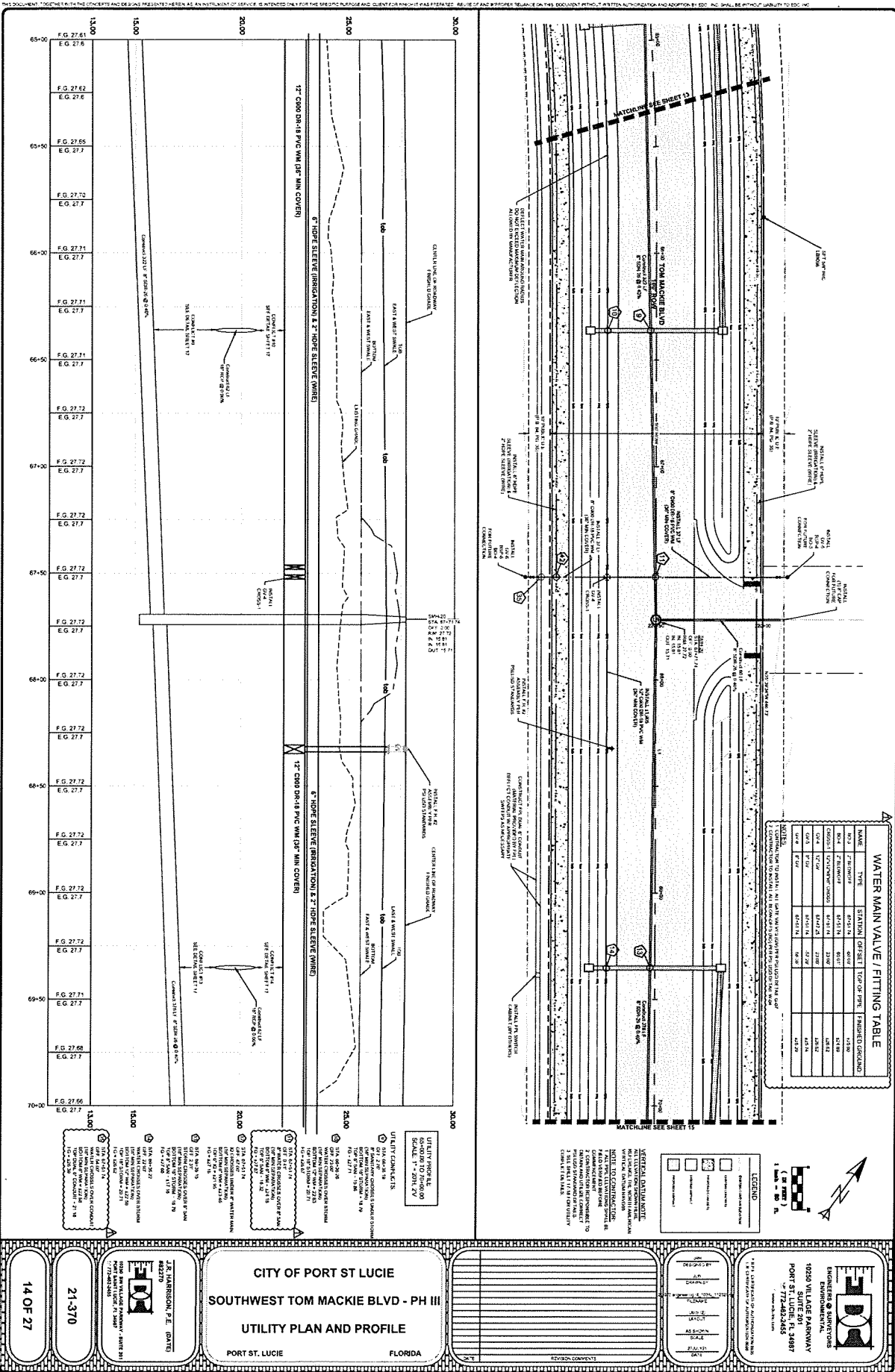


12 OF 27	21-370		CITY OF PORT ST LUCIE SOUTHWEST TOM MACKIE BLVD - PH III CROSS-SECTIONS PORT ST. LUCIE      FLORIDA	10359 VILLAGE PARKWAY SUITE 201 PORT ST. LUCIE, FL 34957 PHONE: 772-482-3453	
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<p><b>J.R. HARRISON, P.E. (DWG)</b>                  882370                  1700 BRIMLEY PARKWAY - SUITE 201                  PORT ST LUCIE, FL 34887                  TEL: 888-363-3636</p>	<p><b>CITY OF PORT ST LUCIE</b>  <b>SOUTHWEST TOM MACKIE BLVD - PH III</b>  <b>UTILITY PLAN AND PROFILE</b>                  PORT ST. LUCIE FLORIDA</p>	<p><b>ED</b>                  ENGINEERS &amp; SURVEYORS                  10250 WILKIE PARKWAY                  PORT ST LUCIE, FL 34887                  TEL: 772-462-2455                  WWW.EDENGINEERS.COM</p>
<p>21-370</p>	<p>13 OF 27</p>	<p>13 OF 27</p>

CITY OF PSL PROJECT #P21-263  
 PSLUSD 1-0007



**WATER MAIN VALVE / FITTING TABLE**

NAME	TYPE	STATION	OFFSET	TOP OF PIPE	FINISHED GROUND
NO. 1	BRONZE	6+51.74	0.00	21.88	21.88
NO. 2	BRONZE	6+51.74	0.00	21.88	21.88
NO. 3	BRONZE	6+51.74	0.00	21.88	21.88
NO. 4	BRONZE	6+51.74	0.00	21.88	21.88
NO. 5	BRONZE	6+51.74	0.00	21.88	21.88
NO. 6	BRONZE	6+51.74	0.00	21.88	21.88
NO. 7	BRONZE	6+51.74	0.00	21.88	21.88
NO. 8	BRONZE	6+51.74	0.00	21.88	21.88
NO. 9	BRONZE	6+51.74	0.00	21.88	21.88
NO. 10	BRONZE	6+51.74	0.00	21.88	21.88
NO. 11	BRONZE	6+51.74	0.00	21.88	21.88
NO. 12	BRONZE	6+51.74	0.00	21.88	21.88
NO. 13	BRONZE	6+51.74	0.00	21.88	21.88
NO. 14	BRONZE	6+51.74	0.00	21.88	21.88
NO. 15	BRONZE	6+51.74	0.00	21.88	21.88
NO. 16	BRONZE	6+51.74	0.00	21.88	21.88
NO. 17	BRONZE	6+51.74	0.00	21.88	21.88
NO. 18	BRONZE	6+51.74	0.00	21.88	21.88
NO. 19	BRONZE	6+51.74	0.00	21.88	21.88
NO. 20	BRONZE	6+51.74	0.00	21.88	21.88
NO. 21	BRONZE	6+51.74	0.00	21.88	21.88
NO. 22	BRONZE	6+51.74	0.00	21.88	21.88
NO. 23	BRONZE	6+51.74	0.00	21.88	21.88
NO. 24	BRONZE	6+51.74	0.00	21.88	21.88
NO. 25	BRONZE	6+51.74	0.00	21.88	21.88
NO. 26	BRONZE	6+51.74	0.00	21.88	21.88
NO. 27	BRONZE	6+51.74	0.00	21.88	21.88
NO. 28	BRONZE	6+51.74	0.00	21.88	21.88
NO. 29	BRONZE	6+51.74	0.00	21.88	21.88
NO. 30	BRONZE	6+51.74	0.00	21.88	21.88

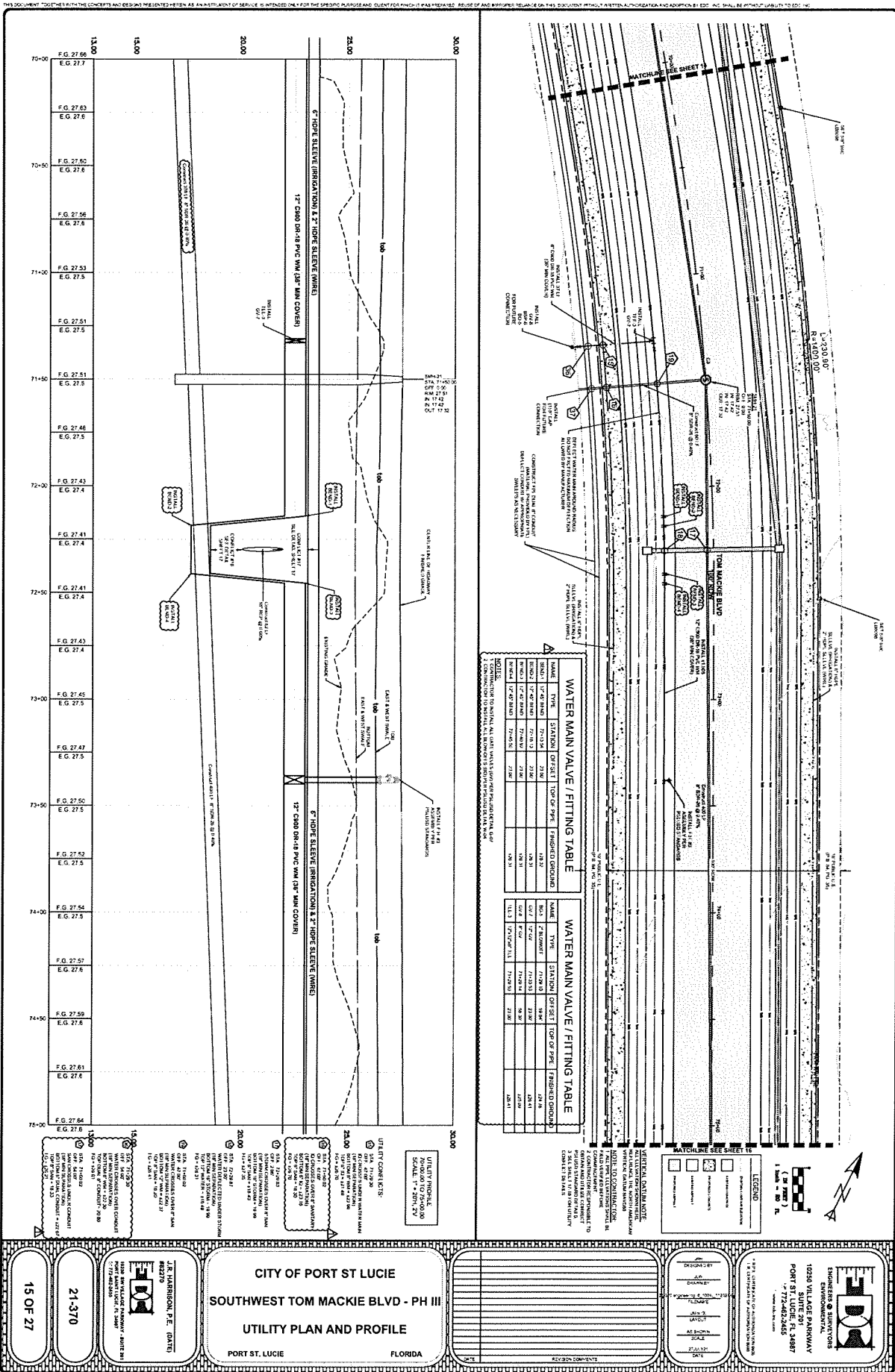
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21-370

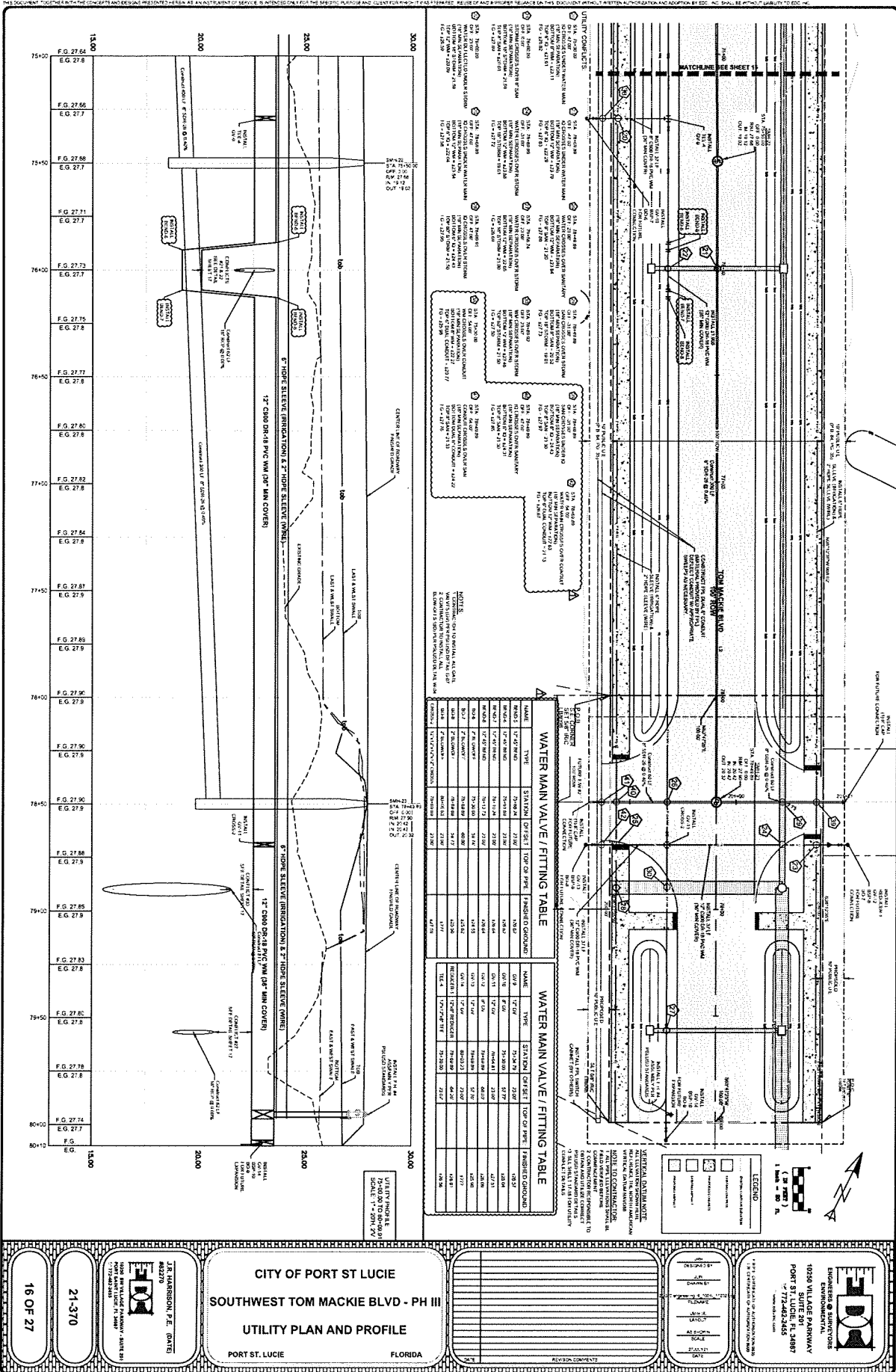
**CITY OF PORT ST LUCIE**  
**SOUTHWEST TOM MACKIE BLVD - PH III**  
**UTILITY PLAN AND PROFILE**

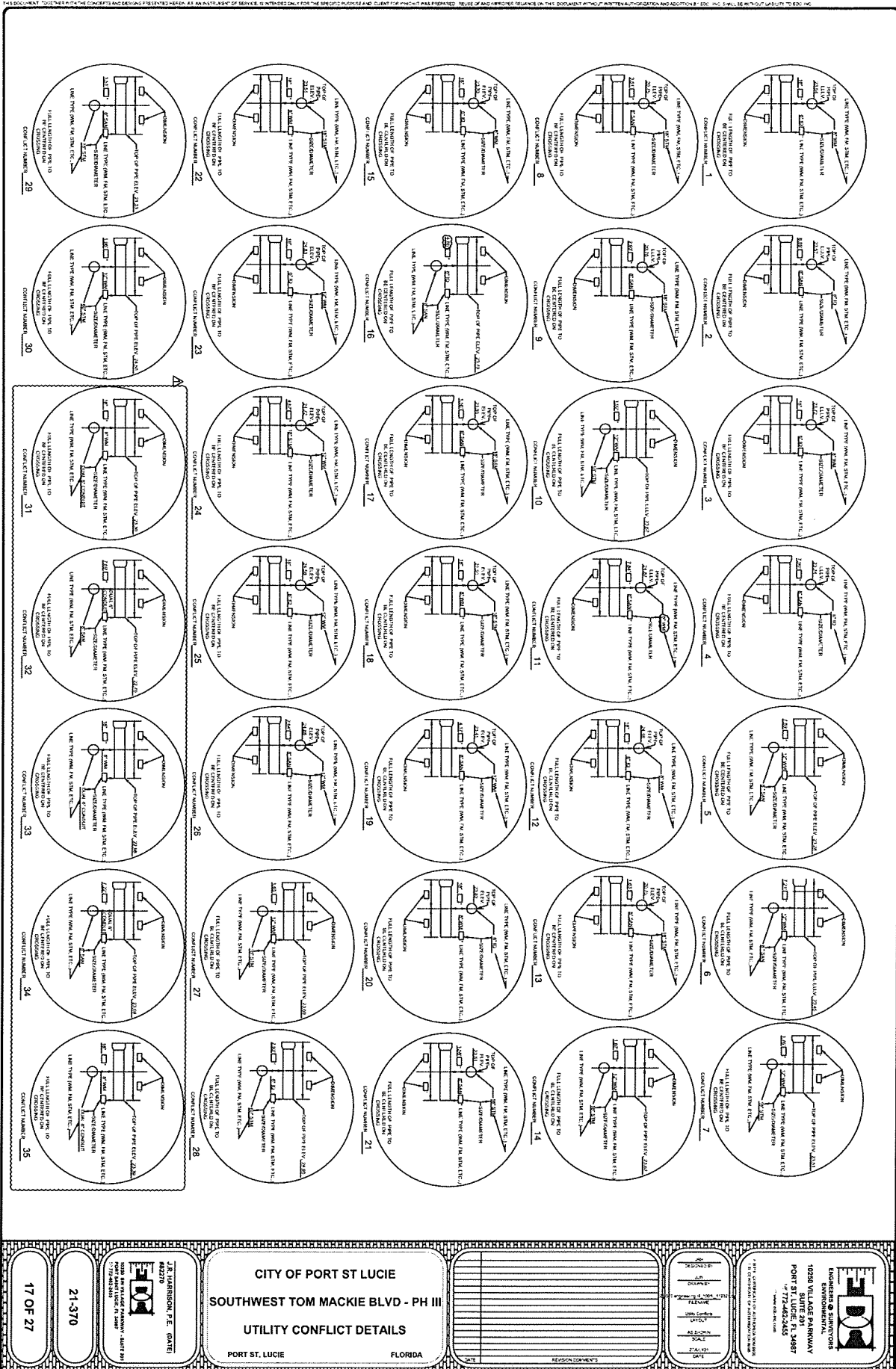
PORT ST. LUCIE      FLORIDA

**ED**  
 ENGINEERS & SURVEYORS  
 ENVIRONMENTAL  
 10250 VILLAGE PARKWAY  
 SUITE 201  
 PORT ST. LUCIE, FL 34987  
 PHONE: 772-482-3488



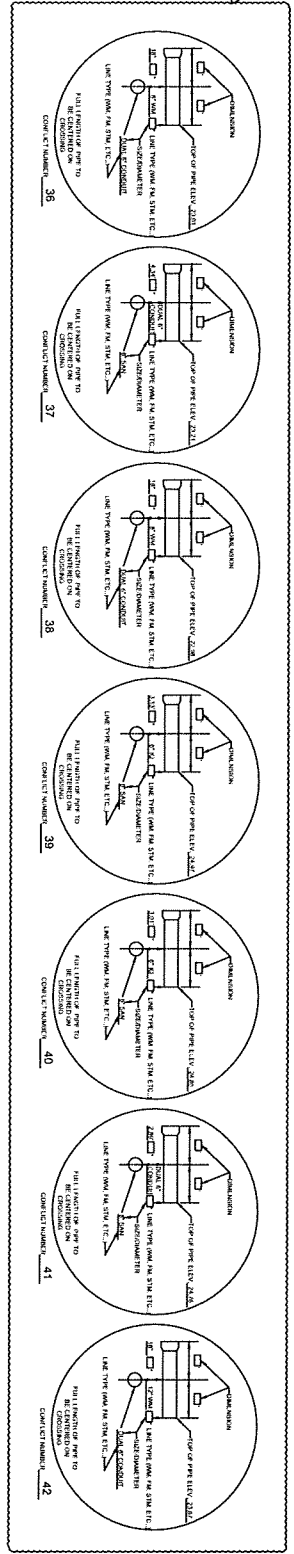






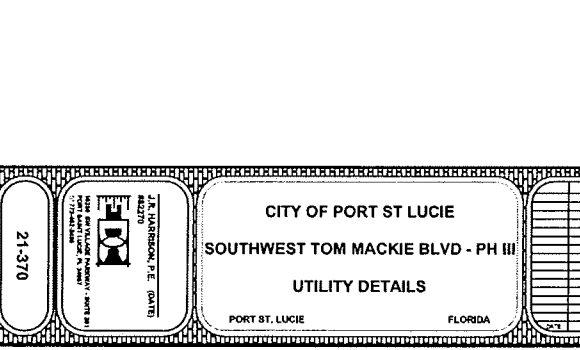
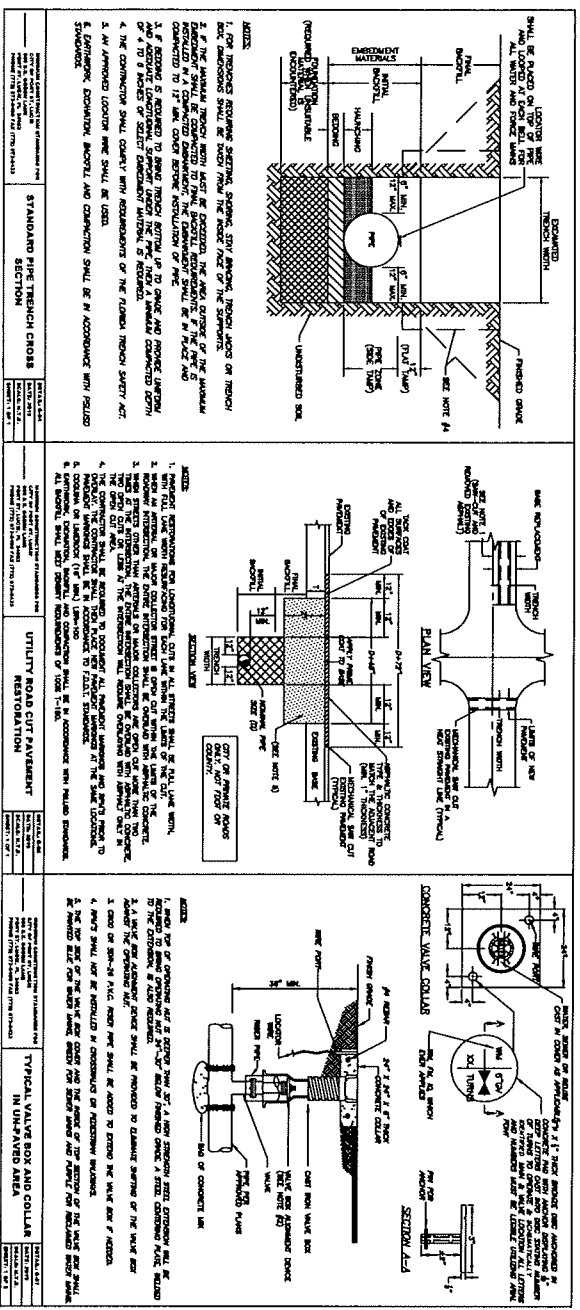
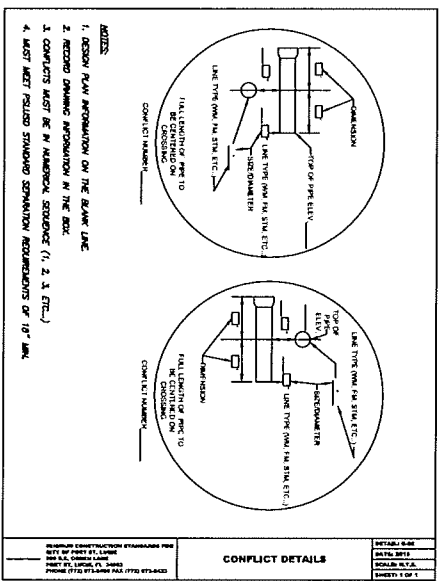
 T.E. HUTCHINSON, P.E. (PORTS) REGISTERED PROFESSIONAL ENGINEER STATE OF FLORIDA NO. 17334 21-370	<b>CITY OF PORT ST LUCIE</b> <b>SOUTHWEST TOM MACKIE BLVD - PH III</b> <b>UTILITY CONFLICT DETAILS</b> PORT ST, LUCIE                      FLORIDA	DESIGNER: DRAWN BY: CHECKED BY: SCALE: DATE:	 <b>ENGINEERS &amp; SURVEYORS ENVIRONMENTAL</b> 10250 WILLAGER PARKWAY SUITE 201 B, 34887 PORT ST LUCIE, FL 34885 PHONE: 888-268-2445 FAX: 888-268-2446
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THIS DOCUMENT TOGETHER WITH THE CONCEPTS AND DETAILS PRESENTED HEREIN AS AN INSTRUMENT OF SERVICE IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REVIEW OF AND RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ACCEPTANCE BY THE CLIENT SHALL BE AT THE CLIENT'S SOLE RISK AND LIABILITY TO THE ENGINEER.



18 OF 27	21-370		<b>CITY OF PORT ST LUCIE</b> SOUTHWEST TOM MACKIE BLVD - PH III UTILITY CONFLICT DETAILS PORT ST. LUCIE FLORIDA	REVISION COMMENTS	<table border="1"><tr><td>DATE</td><td>BY</td><td>REVISION</td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></table>	DATE	BY	REVISION																																ENGINEERS & SURVEYORS ENVIRONMENTAL 10239 VILLAGE PARWAY SUITE 201 PORT ST. LUCIE, FLORIDA 34987 PH: 772-887-2455 WWW.ES&S.COM
DATE	BY	REVISION																																						

STANDARD SEPARATION			
OTHER VIEW	VERTICAL SEPARATION	CONNECTION (1)	JOINT PASSED CONNECTION (2)
<p>1. WATER SHALL BE KEPT FROM OTHER PIPES WHICH WATER MAINS ARE IN SECTION OTHER PIPE. THE STANDARD SEPARATION IS AS SHOWN.</p> <p>2. THE STANDARD SEPARATION SHALL BE AS SHOWN IN THE DRAWINGS.</p> <p>3. THE STANDARD SEPARATION SHALL BE AS SHOWN IN THE DRAWINGS.</p> <p>4. THE STANDARD SEPARATION SHALL BE AS SHOWN IN THE DRAWINGS.</p>			



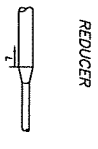
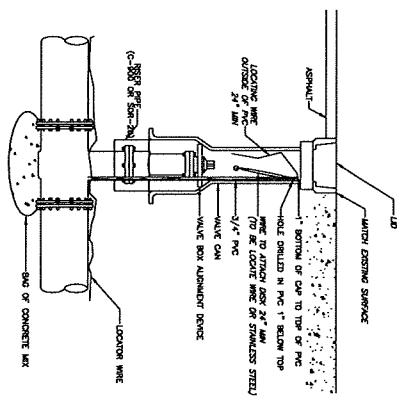
19 OF 27

21-370

CITY OF PORT ST LUCIE  
SOUTHWEST TOM MACKIE BLVD - PH III  
UTILITY DETAILS  
PORT ST. LUCIE FLORIDA

10266 VILLAGE PARKWAY  
SUITE 201  
PORT ST. LUCIE, FLORIDA 34957  
774-882-2445

THIS DOCUMENT TOGETHER WITH THE CONTRACT AND BIDDING RESULTS HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PROJECT AND CLIENT FOR WHICH IT WAS PREPARED. NO USE OF ANY DRAWING OR SPECIFICATION ON THIS DOCUMENT PRIOR TO A FINAL APPROVAL AND ADOPTION BY THE LOCAL, STATE OR FEDERAL GOVERNMENT SHALL BE PERMITTED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER OF RECORD.



**REDUCER**

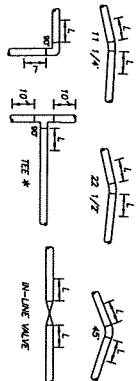
DIAMETER	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
1"	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1 1/4"	1.00	1.00	1.00	1.00	1.00	1.00	1.00
1 1/2"	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2"	1.00	1.00	1.00	1.00	1.00	1.00	1.00
2 1/2"	1.00	1.00	1.00	1.00	1.00	1.00	1.00
3"	1.00	1.00	1.00	1.00	1.00	1.00	1.00
4"	1.00	1.00	1.00	1.00	1.00	1.00	1.00

**NOTES:**

1. THE REQUIREMENTS SET FORTH ABOVE HAVE BEEN CALCULATED FOR THE PIPE SIZES LISTED IN THE FOLLOWING ASSUMPTIONS:
  - SOIL CONDITIONS ARE SAND (SU)
  - ALLOWED FRICTION LOSS IS 1.0 FT PER 100 FT
  - ALLOWED HEAD LOSS IS 1.0 FT PER 100 FT
  - SAFETY FACTOR IS 1.5
2. IF FIELD CONDITIONS DIFFER FROM THE ABOVE, THE ENGINEER OF RECORD SHALL RE-EVALUATE THE DESIGN AND PROVIDE THE FIELD CONDITIONS FOR RE-EVALUATION OF DESIGN.

**PIPELINE RESTRAINT REQUIREMENTS (REDUCER)**

PIPE SIZE (IN)	MINIMUM RESTRAINT (LBS)
1"	100
1 1/4"	150
1 1/2"	200
2"	300
2 1/2"	400
3"	500
4"	700



**HORIZONTAL BENDS - T-BEND**

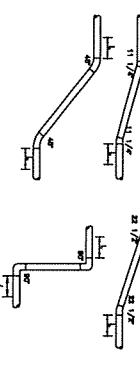
DIAMETER	1 1/4"	1 1/2"	2"	2 1/2"
1 1/4"	1.00	1.00	1.00	1.00
1 1/2"	1.00	1.00	1.00	1.00
2"	1.00	1.00	1.00	1.00
2 1/2"	1.00	1.00	1.00	1.00

**NOTES:**

1. THE REQUIREMENTS SET FORTH ABOVE HAVE BEEN CALCULATED FOR THE PIPE SIZES LISTED IN THE FOLLOWING ASSUMPTIONS:
  - SOIL CONDITIONS ARE SAND (SU)
  - ALLOWED FRICTION LOSS IS 1.0 FT PER 100 FT
  - ALLOWED HEAD LOSS IS 1.0 FT PER 100 FT
  - SAFETY FACTOR IS 1.5
2. IF FIELD CONDITIONS DIFFER FROM THE ABOVE, THE ENGINEER OF RECORD SHALL RE-EVALUATE THE DESIGN AND PROVIDE THE FIELD CONDITIONS FOR RE-EVALUATION OF DESIGN.

**PIPELINE RESTRAINT REQUIREMENTS (HORIZONTAL)**

PIPE SIZE (IN)	MINIMUM RESTRAINT (LBS)
1 1/4"	100
1 1/2"	150
2"	200
2 1/2"	300



**VERTICAL BENDS - T-BEND**

DIAMETER	1 1/4"	1 1/2"	2"	2 1/2"
1 1/4"	1.00	1.00	1.00	1.00
1 1/2"	1.00	1.00	1.00	1.00
2"	1.00	1.00	1.00	1.00
2 1/2"	1.00	1.00	1.00	1.00

**NOTES:**

1. THE REQUIREMENTS SET FORTH ABOVE HAVE BEEN CALCULATED FOR THE PIPE SIZES LISTED IN THE FOLLOWING ASSUMPTIONS:
  - SOIL CONDITIONS ARE SAND (SU)
  - ALLOWED FRICTION LOSS IS 1.0 FT PER 100 FT
  - ALLOWED HEAD LOSS IS 1.0 FT PER 100 FT
  - SAFETY FACTOR IS 1.5
2. IF FIELD CONDITIONS DIFFER FROM THE ABOVE, THE ENGINEER OF RECORD SHALL RE-EVALUATE THE DESIGN AND PROVIDE THE FIELD CONDITIONS FOR RE-EVALUATION OF DESIGN.

**PIPELINE RESTRAINT REQUIREMENTS (VERTICAL)**

PIPE SIZE (IN)	MINIMUM RESTRAINT (LBS)
1 1/4"	100
1 1/2"	150
2"	200
2 1/2"	300

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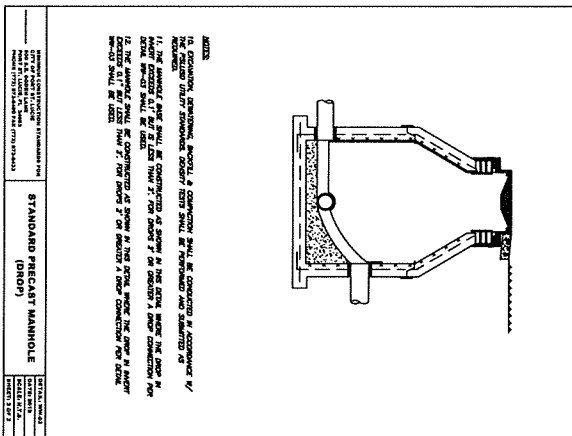
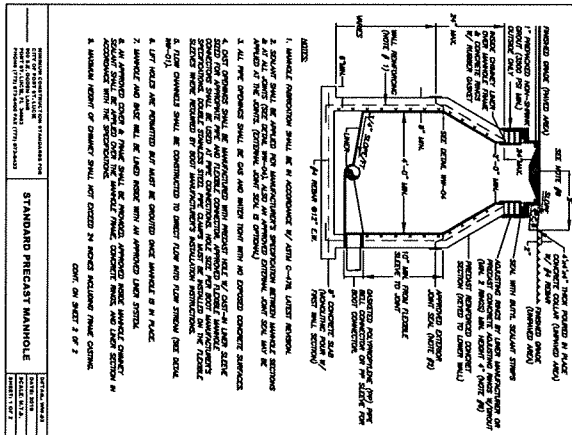
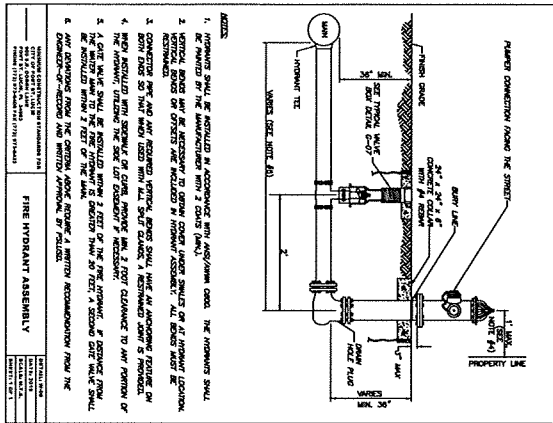
21-370

**CITY OF PORT ST LUCIE**  
SOUTHWEST TOM MACKIE BLVD - PH III  
**UTILITY DETAILS**

PORT ST. LUCIE      FLORIDA

ENGINEER & SURVEYOR  
ENVIRONMENTAL  
10559 VILLAGE FARMWAY  
SUITE 201 B, 34887  
PORT ST. LUCIE, FL 34887  
PHONE: 888-348-3455  
WWW: WWW.PSL.COM

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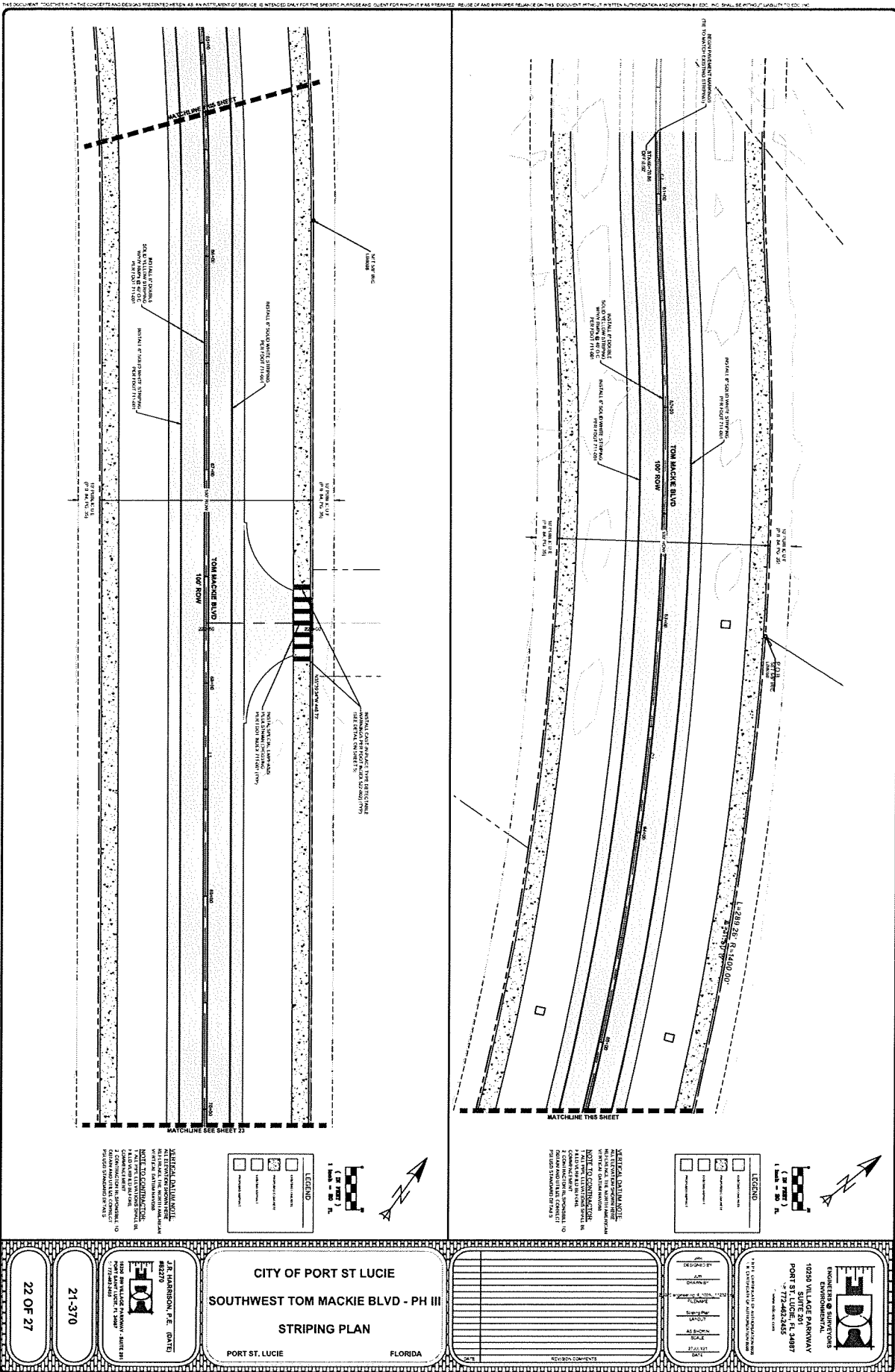


**CITY OF PORT ST LUCIE**  
 SOUTHWEST TOM MACKIE BLVD - PH III  
 UTILITY DETAILS  
 PORT ST, LUCIE FLORIDA

**12. HARRISON, P.E. (DATE)**  
**21-370**  
 21 OF 27

**D**  
 ENGINEERS & SURVEYORS  
 ENVIRONMENTAL  
 10250 WILGAGE PARKWAY  
 SUITE 201  
 PORT ST LUCIE, FL 34987  
 PHONE: 772-462-3455  
 FAX: 772-462-3456

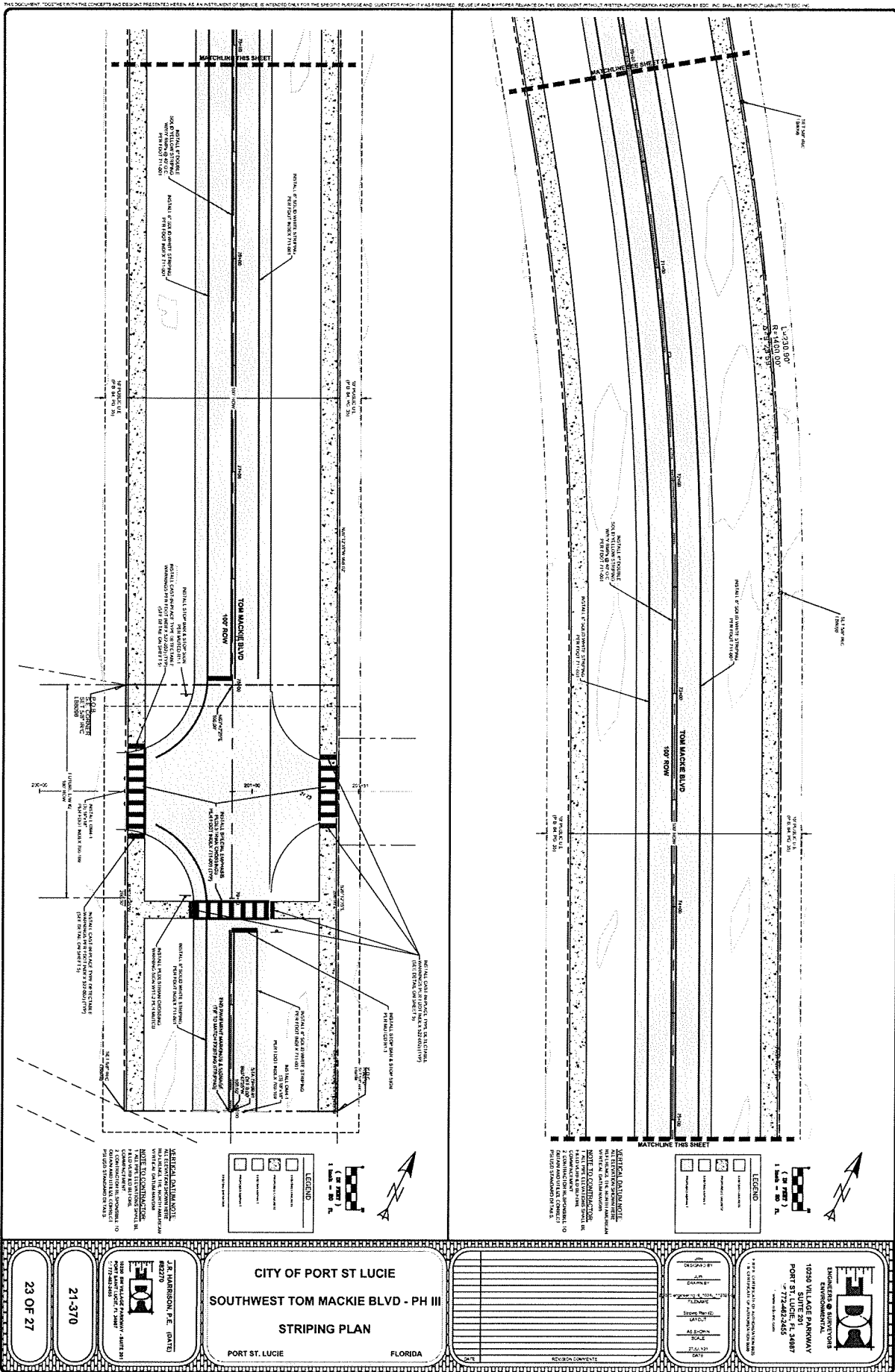
DATE: 11/15/2021  
 DRAWN BY: J. HARRIS  
 CHECKED BY: J. HARRIS  
 PROJECT NO: 21-370



**CITY OF PORT ST LUCIE**  
**SOUTHWEST TOM MACKIE BLVD - PH III**  
**STRIPING PLAN**  
 PORT ST. LUCIE FLORIDA

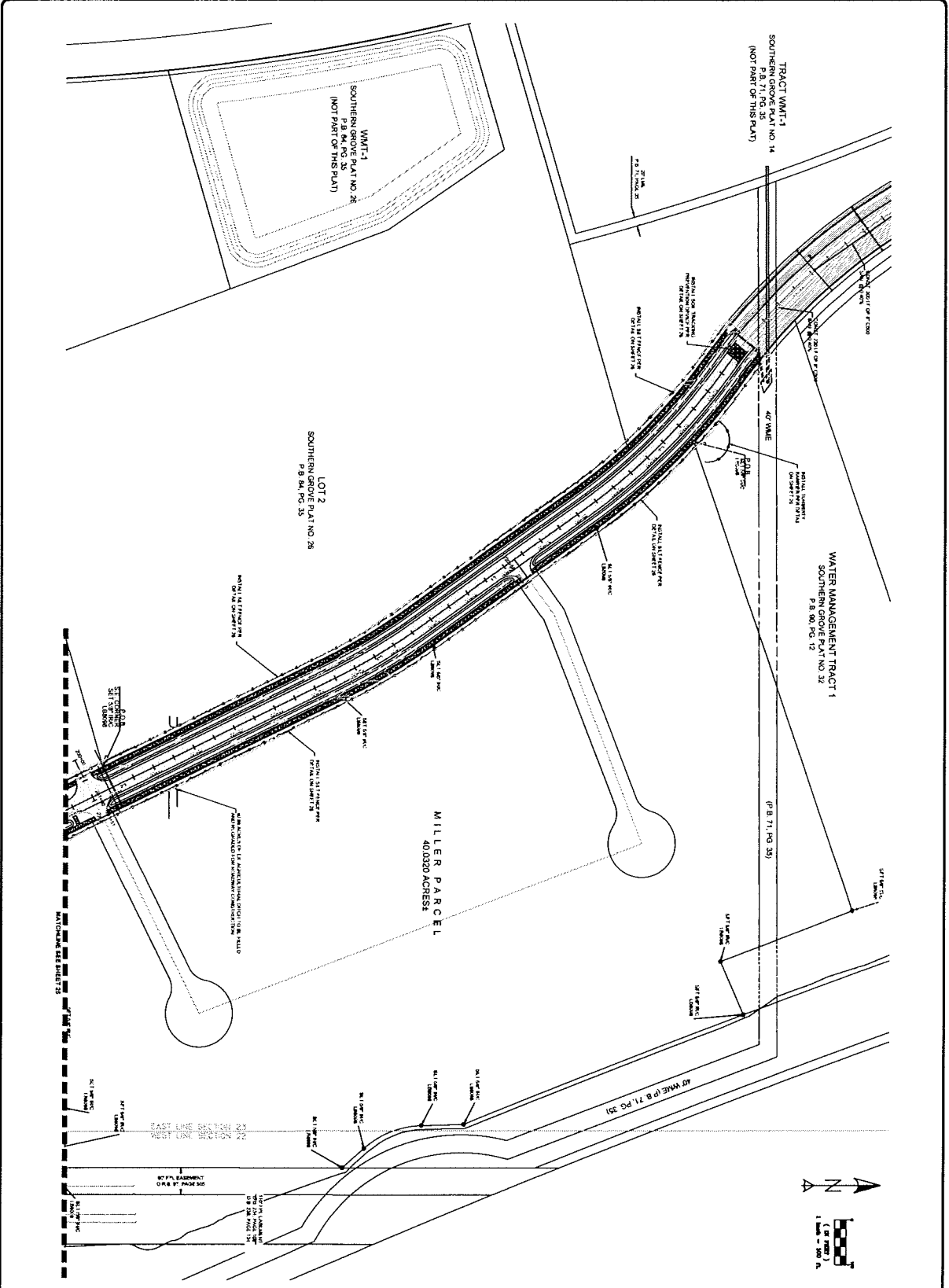
**ENGINEERS & SURVEYORS**  
**ENVIRONMENTAL**  
 10295 WILGAGE FARMWAY  
 SUITE 201, 34887  
 PORT ST. LUCIE, FL 34987  
 PHONE: 888-343-3433

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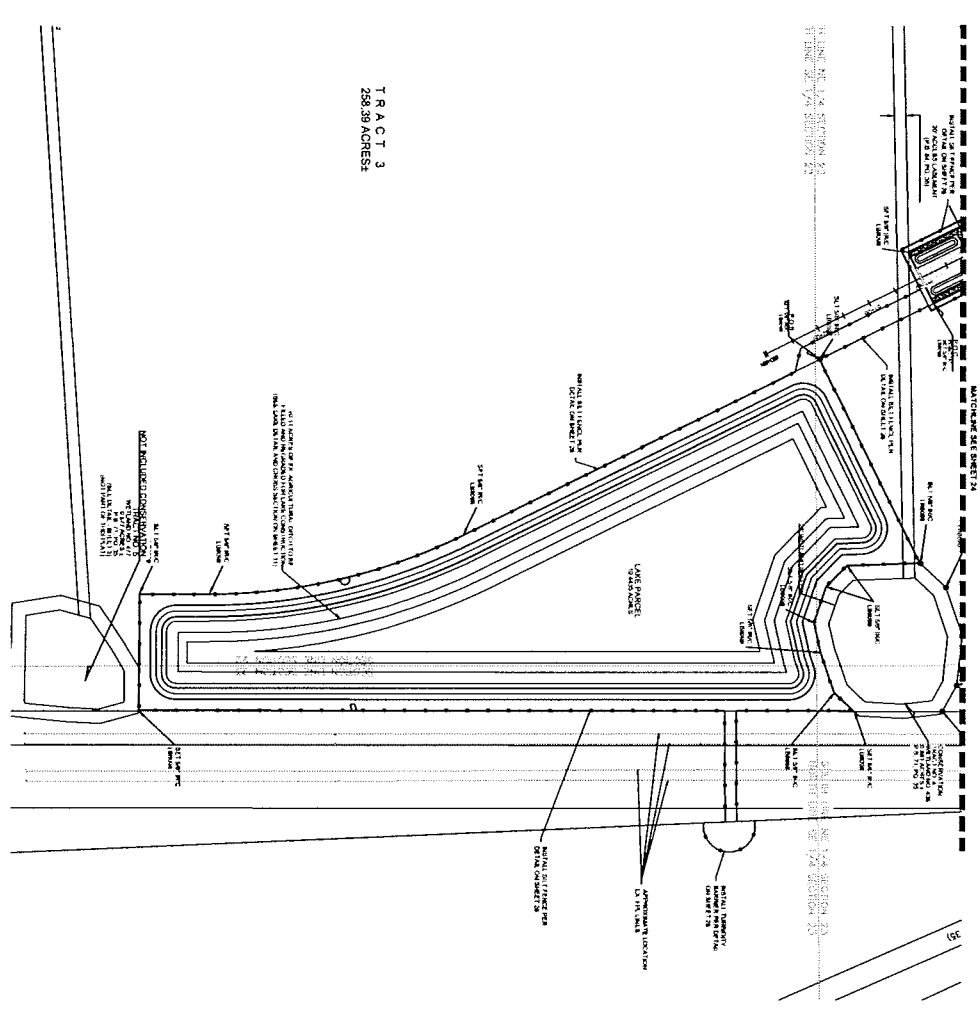


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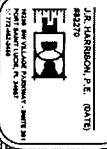
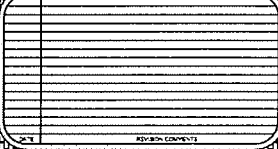
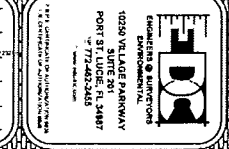


	<p>DATE: 09/07/13 SCALE: AS SHOWN DRAWN BY: JESEA.EOC CHECKED BY: [blank] DATE: 09/07/13</p>	<p>SCALE: AS SHOWN</p>	<p>CITY OF PORT ST LUCIE SOUTHWEST TOM MACKIE BLVD - PH III STORMWATER POLLUTION PREVENTION PLAN PORT ST. LUCIE, FLORIDA</p>	<p>TESTIMONIAL P.E. COLLETT REGISTERED PROFESSIONAL ENGINEER STATE OF FLORIDA LICENSE NO. 15332 DATE OF EXPIRATION: 12/31/14</p>	<p>21-370 24 OF 27</p>
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TRACT 3  
258.38 ACRES

<p>25 OF 27</p>	<p>21-370</p>	 <p>T. J. LARSON, P.E. (P.E.) REGISTERED PROFESSIONAL ENGINEER STATE OF FLORIDA NO. 12487 1000 W. UNIVERSITY BLVD., SUITE 200 PORT ST. LUCIE, FLORIDA 34956 TEL: 888-888-8888</p>	<p>CITY OF PORT ST LUCIE SOUTHWEST TOM MACKIE BLVD - PH III STORMWATER POLLUTION PREVENTION PLAN PORT ST. LUCIE FLORIDA</p>	 <p>1" = 100'</p>	 <p>EDC ENGINEERS &amp; SURVEYORS ENVIRONMENTAL 10250 VILLAGE PARKWAY PORT ST. LUCIE, FL 34957 TEL: 888-888-8888 WWW.EDCINC.COM</p>
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FPL

NOTIFICATION OF FPL FACILITIES

Customer/Agency
Developer/Contractor Name
Location of Project
FPL Representative
Developer/Contractor Representative

Date of Meeting/Contact:
Project Number/Name:
City:
Phone:
FPL Work Request #/Work Order #:

FPL calls your attention to the fact that there may be energized, high voltage electric lines, both overhead and underground, located in the area of this project. It is imperative that you visually survey the area and that you also take the necessary steps to identify all overhead and underground facilities prior to commencing construction to determine whether the construction of any proposed improvements will bring any person, tool, machinery, equipment or object closer to FPL's power lines than the OSHA-prescribed limits. If it will, you must either re-design your project to allow it to be built safely given the pre-existing power line location, or make arrangements with FPL to either deenergize and ground our facilities, or relocate them, possibly at your expense. You must do this before allowing any construction near the power lines. It is impossible for FPL to know or predict whether or not the contractors or subcontractors, and their employees, will operate or use cranes, digging apparatus or other mobile equipment, or handle materials or tools, in dangerous proximity to such power lines during the course of construction, and, if so, when and where. Therefore, if it becomes necessary for any contractor or subcontractor, or their employees, to operate or handle cranes, digging apparatus, draglines, mobile equipment, or any other equipment, tools or materials in such a manner that they might come closer to underground or overhead power lines than is permitted by local, state or federal regulations, you and any such contractor or subcontractor must notify FPL in writing of such planned operation prior to the commencement thereof and make all necessary arrangements with FPL in order to carry out the work in a safe manner. Any work in the vicinity of the electric lines should be suspended until these arrangements are finalized and implemented.

The National Electrical Safety Code ("NESC") prescribes minimum clearances that must be maintained. If you build your structure so that those clearances cannot be maintained, you may be required to compensate FPL for the relocation of our facilities to comply with those clearances. As such, you should contact FPL prior to commencing construction near pre-existing underground or overhead power lines to make sure that your proposed improvement does not impinge upon the NESC clearances.

It is your responsibility and the responsibility of your contractors and subcontractors on this project to diligently fulfill the following obligations:

- 1. Make absolutely certain that all persons responsible for operating or handling cranes, digging apparatus, draglines, mobile equipment or any equipment, tool, or material capable of contacting a power line, are in compliance with all applicable state and federal regulations, including but not limited to U.S. Department of Labor OSHA Regulations, while performing their work.
2. Make sure that all cranes, digging apparatus, draglines, mobile equipment, and all other equipment or materials capable of contacting a power line have attached to them any warning signs required by U.S. Department of Labor OSHA Regulations.
3. Post and maintain proper warning signs and advise all employees, new and old alike, of their obligation to keep themselves, their tools, materials and equipment away from power lines per the following OSHA minimum approach distances (refer to OSHA regulations for restrictions):

Table with 5 columns: Power Line Voltages, Personnel and Equipment, Cranes and Derricks, Equipment, Crane & Derrick Travel under or near Power Lines. Rows include voltage ranges from 0-750 volts to 500,000 volts and corresponding clearance distances in feet.

\*When uncertain of the voltage, maintain a distance of 20 feet for voltages up to 350,000 volts and 50 feet for voltages greater than 350,000 volts.

\*\*On Construction Sites, with no load.

\*\*\*For personnel approaching insulated secondary conductors less than 750 volts, avoid contact.

- 4. All excavators are required to contact the Sunshine State One Call of Florida, phone number 1-800-432-4770 or 811 a minimum of two working days (excluding weekends) in advance of commencement of excavation to ensure facilities are located accurately.
5. Conduct all locations and excavations in accordance with the Florida Statute 556 of the Underground Facilities Damage Prevention & Safety Act and all local city and county ordinances that may apply.
6. When an excavation is to take place within a tolerance zone, an excavator shall use increased caution to protect underground facilities. The protection requires hand digging, pot holing, soft digging, vacuum methods, or similar procedures to identify underground facilities.

A copy of this notification must be provided by you to each contractor and subcontractor on this project, to be shared with their supervision and employees prior to commencing work on this project.

Means by which this notification was provided to customer and/or contractor

Address

FPL Representative Signature

Date

Customer/Developer/Contractor Representative Signature

Date