

FLORIDA DEPARTMENT OF Environmental Protection

South District PO Box 2549 Fort Myers FL 33902-2549 SouthDistrict@FloridaDEP.gov

November 15, 2023

T&K El Jobean, LLC c/o Mark Pricer, P.E. Southwest Engineering & Design 25450 Airport Road, Ste. B Punta Gorda, Florida 33950 <u>m.pricer@sedfl.com</u>

File No.: 0435716-001 NPR, Charlotte County

Dear Applicant:

On May 25, 2023, we received your request for verification that a State 404 Program permit will not be required for the activity described below.

The proposed activity is to construct a commercial development and stormwater management system at 1771 Cedarwood St, Port Charlotte, Florida 33948, Parcel IDs 402112430025, 402112430024, 402112430023, 402112430022, 402112408014, 402112408009, 402112408010, 402112408011, 402112430001, 402112430002, 402112430003, 402112430004, 402112430005, 402112430006, Section 12, Township 40 South, Range 21 East, Charlotte County.

Based on a review of the information submitted and site inspection conducted by staff, the Department has verified that the activity, as proposed does not involve discharge of dredged or fill material into the waters of the United States and therefore, does not require a permit or other form of authorization under the State 404 Program, as described in Chapter 62-331, Florida Administrative Code (F.A.C.).

This verification reflects current regulations and is only valid for a period of no longer than five years from the date of this letter unless new information warrants a revision of this verification before the expiration date.

Please retain this letter. The activities described above may be inspected by authorized state personnel in the future to ensure compliance with appropriate statutes and administrative codes. If the activities are not in compliance, you may be subject to enforcement action and possible penalties.

This letter does not relieve you from the responsibility of obtaining other federal, state (including ERP), or local authorizations that maybe required for this activity.

Ron DeSantis Governor

Jeanette Nuñez Lt. Governor

Shawn Hamilton Secretary File Name: T&K El Jobean, LLC FDEP File No.: 0435716-001 Page 2 of 2

If you have any questions regarding this letter or permitting requirements, please contact Matthew Erb by telephone at 239-344-5627 or by e-mail at Matthew.Erb@FloridaDEP.gov.

Sincerely,

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Daniel Sensi Program Administrator South District

Enclosures:

Project drawings, 13 pages Wotus Information Form (with supporting information) 11 pages 62-340, F.A.C., Data form(s)/Site photo log, 15 pages Site Inspection Report, 2 pages



SITE AND DEVELOPMENT PLANS FOR

ANDERSON ENCLOSURES EL JOBEAN ROAD

SUMMARY:

PROPOSED ON THIS 2.30 AC PROJECT AREA ARE TWO WAREHOUSE BUILDINGS WITH PARKING AND STORMWATER FACILITY, THE PROPOSED STORMWATER FACILITY WILL DISCHARGE INTO THE EXISTING DITCH ADJACENT TO THE STORMWATER POND

SITE DEVELOPMENT DATA:

5. DATUM E	ASE B.M.: NATIONAL GEODETIC SURVEY B.M. #Y 796, EL. = 8.35 NAVD 1988.
D	
	LEVATIONS ARE BASED ON NAVD 1988.
	ATE PRINTED 12-15-22.
4. FEMA Z	ONE "X", BASE FLOOD ELEVATION = N/A, COMMUNITY MAP #120061, PANEL 0043G,
3. ZONING E	CAP
2. LAND AREA 2	.30 ACRES (TOTAL BOUNDARY)
1. LAND USE V	ACANT COMMERCIAL

WATER

WATER	CITY OF PUNTA GORDA
SEWER	CITY OF PUNTA GORDA
ON-SITE WELL	NO WELL

PARKING REQUIREMENTS:

BUILDING: WAREHOUSE 21,900 SF

WAREHOUSE 1 SPACE PER 400 SI	- 21,900 ÷ 400) = 55 SPACES
TOTAL PARKING REQUIRED		= 55 SPACES
TOTAL PARKING PROVIDED	STANDARD	= 63
	HANDICAP	= 4
OVERALL TOTAL PROVIDED		67 SPACES

OWNER:

T&K JOBEAN LLC 2615 MYRTLE AVE PUNTA GORDA, FL 33950 PHONE:

ENGINEER:

SOUTHWEST ENGINEERING & DESIGN, INC. 25450 AIRPORT ROAD, SUITE B PUNTA GORDA, FLORIDA 33950 PHONE: 941-637-9655

SURVEYOR:

GEN 3 LAND SURVEYING INC. 17840 TOLEDO BLADE BLVD, SUITE B PORT CHARLOTTE, FL 33948 PHONE: (941) 629-6801

NOTES:

- 1) ALL EASEMENTS, PER RECORD PLAT, ARE SHOWN
- 2) SLOPE EASEMENTS, IF REQUIRED, WILL BE OBTAINED BY THE OWNER.
- 3) CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES.
- ALL CONSTRUCTION SHALL BE IN COMPLIANCE WITH O.S.H.A SAFETY STANDARDS, INCLUDING O.S.H.A. TRENCH SAFETY STANDARDS AND PROJECT DOCUMENTS (CONSTRUCTION PLANS AND SPECIFICATIONS)
- CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD OF ANY ERRORS 5) OR DISCREPANCIES ON THE PLANS PRIOR TO CONSTRUCTION.
- MAINTENANCE OF TRAFFIC THROUGH WORK ZONES WILL CONFORM TO FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS.
- SIGNAGE AND PAINT MARKINGS WILL CONFORM TO EDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, DCA ACCESSIBILITY REQUIREMENTS AND THE LATEST ADA REQUIREMENTS.
- HANDICAP ACCESS TO MEET LATEST ADA REQUIREMENTS. 8)
- THERE ARE NO WETLANDS LOCATED IN THE PROJECT AREA
- 10) ALL ON-SITE UTILITIES (WATER AND SEPTIC SYSTEM) WILL BE TOMER OWNED AND MAINTAINED

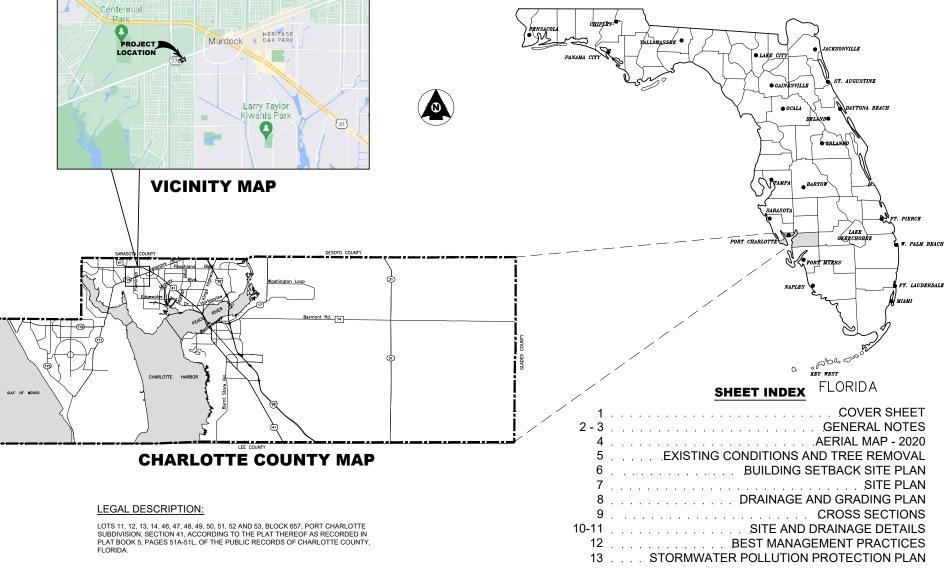
SITE COVE	RAGE DATA		
IMPERVIOUS/PERVIOUS AREAS	SQUARE FEET	ACREAGE	PERCENT
PROJECT AREA	100,000	2.30	100%
TOTAL IMPERVIOUS AREA	94,053	2.16	94%
PROPOSED BUILDING (FOOTPRINT)	21,900	0.50	22%
PROPOSED PAVEMENT, CONC WALKS, ETC	29,161	0.67	29%
ALLOWABLE FUTURE IMPERVIOUS AREA		0.00	0%
PROPOSED DETENTION POND	42,992	0.99	43%
			•
TOTAL PERVIOUS AREA	5,947	0.14	6%
TOTAL			100%

SECTION 12, TOWNSHIP 40 SOUTH, RANGE 21 EAST PORT CHARLOTTE, FLORIDA









Mark A. Pricer, P.E State of Florida, Professional Engineer License No. 90740 This item has been digitally signed and sealed by: Mark A. Pricer, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



UTILITY NOTIFICATION

UTILITY LOCATIONS DEPICTED WITHIN THIS CONSTRUCTION PLAN SET HAVE BEEN COMPILED FROM FIELD SURVEYS AND DOCUMENTS SUPPLIED BY THE VARIOUS UTILITY COMPANIES. THE ENGINEER MAKES NO CLAIM TO THE ACCURACY OF THE UTILITY LOCATIONS SHOWN ON THESE PLANS. THE CONTRACTOR SHA NOTIFY ALL UTILITIES AND IS RESPONSIBLE FOR VERIFYING THE DEPTHS AND FIELD LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION. ACTUAL UTILITY LOCATIONS AND DEPTHS MAY VARY FROM THOSE DEPICTED WITHIN THIS CONSTRUCTION PLAN SET. PROTECTION OF ALL UTILITIES WITHIN THE AREA OF CONSTRUCTION AND ALL COSTS TO REMEDY DAMAGES TO EXISTING LITILITIES AND DISTURBED AREAS SHALL BE BORNE BY THE CONTRACTOR

PLANS PREPARED BY:



25450 Airport Road, Suite B Punta Gorda, Elorida 33950 Tel. (941) 637-9655 | Fax (941) 637-1149 Southwest Engineering & Design Certificate of Authorization No. 26551

JOB NUMBER : 22-0611

NOTES TO CONTRACTOR: THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING TO FAMILIARIZE THEMSELVES WITH THE CONTRACTOR SHALL VISIT THE PROJECT STATE OF THE CONTRACTOR SHALL OF AN THE OWNER A THE CONDITIONS FOR CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL OBTAIN FROM THE OWNER A WRITTEN LIST OF ALL PERMITS AND COPIES THEREOF, AND CAREFULLY REVIEW ALL PLANS SPECIFICATIONS, AND PERMITS PREVIOUSLY SECURED ON BEHALF OF THE OWNER. IN CASE OF ANY DISCREPANCY EITHER IN PERMIT DOCUMENTS, PLANS, DRAWINGS, OR SPECIFICATIONS, THE CONTRACTOR MUST PROMPTLY SUBMIT A "WRITTEN CLARIFICATION REQUEST" TO THE OWNER WHO WILL PROMPTLY FORWARD THE REQUEST TO THE REGINEER WHO WILL MAKE A DETERMINATION IN WRITING. THE CONTRACTOR MUST VERIFY EXISTING FACILITY INFORMATION, AND ALL DESIGN/PERMIT DATA REQUIRED FOR WORK THAT IS TO CONNECT WITH EXISTING FACILITIES. ANY DISCREPANCIES BETWEEN THE CONTRACT REQUIREMENTS AND THE EXISTING CONDITIONS MUST BE REFERRED TO THE OWNER, IN WRITING, FOR AN ENGINEERING DETERMINATION. ANY FUTURE ADJUSTMENT DUE TO FAILURE BY THE CONTRACTOR TO IDENTIFY THE RELATED DISCREPANCY, WILL BE AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY LICENSES, ADDITIONAL PERMITS, AND FOR COMPLYING WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, CODES, AND REGULATIONS IN CONNECTION WITH THE PERFORMANCE OF THE WORK

CONSTRUCTION SAFETY AND LIABILITY: THE CONTRACTOR MUST TAKE PROPER SAFETY AND HEALTH PRECAUTIONS TO PROTECT THE WORK, THE WORKERS, THE PUBLIC, AND THE PROPERTY OF OTHERS, THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS DELIVERED AND WORK PERFORMED UNTIL PROJECT COMPLETION AND ALL ACCEPTANCES HAVE BEEN OBTAINED. THE CONTRACTOR SHALL MAINTAIN TRAFFIC DURING CONSTRUCTION IN ACCORDANCE WITH THE STATE OF FLORIDA ROADWAY AND TRAFFIC DESIGN STANDARDS (LATEST EDITION), THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE TO PERSONS OR PROPERTY THAT OCCURS AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE. THE CONTRACTOR MUST HAVE HOLD HARMLESS AND INDEMNIFY THE OWNER AND THE ENGINEER OF RECORD, ITS OFFICERS, REPRESENTATIVES AND EMPLOYEES FROM ALL CLAIMS, LOSS, DAMAGE, ACTIONS, CAUSES OF ACTION, AND/OR EXPENSES RESULTING FROM, BROUGH PERSONS OR PROPERTY GROWING OUT OF OCCURRING, OR ATTRIBUTABLE TO ANY WORK PERFORMED UNDER OR RELATED TO THIS CONTRACT, RESULTING IN WHOLE OR IN PART FROM THE NEGLIGENT ACTS OR OMISSIONS OF THE CONTRACTOR, ANY SUBCONTRACTOR, OR ANY EMPLOYEE, AGENT, OR REPRESENTATIVE OF THE CONTRACTOR OR ANY SUBCONTRACTOR

POST-CONSTRUCTION: THE OWNER SHALL SECURE CONSTRUCTION COMPLETION, A PROFESSIONAL LAND SURVEYOR TO PERFORM AN "AS-BUILT" SURVEY OF ALL COMPLETED IMPROVEMENTS. THE OWNER SHALL ALSO SECURE UPON POSTOCOMPLETED INFORMATION FOR THE ADDROPORTIAL SERVICES CONSTRUCTION COMPLETION, A PROFESSIONAL ENGINEER TO PROVIDE THE APPROPRIATE SERVICES NEEDED IN ORDER TO CERTIFY TO ALL APPLICABLE REGULATORY AGENCIES THAT THE IMPROVEMENTS WERE CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH ALL APPLICABLE PERMITS AND APPROVALS.

PRE-CONSTRUCTION: THE OWNER SHALL COORDINATE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, SURVEYOR, CONTRACTOR, TESTING LAB, UTILITY COMPANIES, AND APPROPRIATE REGULATORY AGENCIES AS NECESSARY THE CONTRACTOR SHALL PROVIDE A SHOP DRAWING SUBMISSION SCHEDULE FOR ALL PROJECT MATERIALS AND COMPONENTS. THE CONTRACTOR SHALL NOT INITIATE CONSTRUCTION OF ANY PORTION OF THE IMPROVEMENTS UNTIL THE SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED FOR THAT PORTION BY THE DESIGN ENGINEER AND GOVERNING UTILITY.

UTILITY NOTIFICATION: UNLESS OTHERWISE SPECIFIED BY THE UTILITY, THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, GAS, SEWER, TELEPHONE, AND POWER COMPANIES, 10 DAYS IN ADVANCE, THAT THE CONTRACTOR INTENDS TO START WORK IN A SPECIFIC AREA, THE OWNER AND ENGINEER DISCLAIM ANY RESPONSIBILITY FOR THE SUPPORT AND PROTECTION OF SEWERS, DRAINS, WATER LINES, GAS LINES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE, RIGHT-OF-WAY, OR EASEMENT

PROJECT SIGN: THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A CONSTRUCTION PROJECT SIGN AT A LOCATION DIRECTED BY THE OWNER. SOUTHWEST ENGINEERING AND DESIGN, INC MAY PROVIDE A SEPARATE SIGN FOR INSTALLATION BY THE CONTRACTOR AT THIS LOCATION. THESE SIGNS SHALL BE FRECTED WITHIN 15 DAYS AFTER RECEIVING A NOTICE TO PROCEED. UPON PROJECT COMPLETION, THE CONTRACTOR SHALL REMOVE THESE SIGNS AND RETURN TO SOUTHWEST ENGINEERING AND DESIGN, INC. THEIR SIGN.

ENVIRONMENTAL PROTECTION DURING CONSTRUCTION: PROTECTION OF LAND RESOURCES - EXCEPT IN AREAS IDENTIFIED ON THE PLANS TO BE CLEARED, THE CONTRACTOR MUST NOT DEFACE, INJURE, OR DESTROY TREES OR SHRUBS OR REMOVE OR CUT THEM WITHOUT WRITTEN AUTHORIZATION FROM THE OWNER. IN THE ABSENCE OF A CLEARING PLAN, AREAS SHOWN FOR IMPROVEMENTS SHALL BE CLEARED UNLESS NOTED OTHERWISE

PROTECTION OF WATER RESOURCES - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, REGIONAL COUNTY AND MUNICIPAL LAWS CONCERNING POLLUTION OF WATER RESOURCES. ALL WORK MUST BE PERFORMED IN SUCH A MANNER THAT OBJECTIONABLE CONDITIONS WILL NOT BE CREATED IN PUBLIC WATERS RUNNING THROUGH, OR ADJACENT TO THE PROJECT AREA.

SION AND SEDIMENT CONTRO

ALL PRACTICAL AND NECESSARY EFFORT SHOULD BE TAKEN DURING CONSTRUCTION TO CONTROL AND PREVENT EROSION AND THE TRANSPORT OF SEDIMENT TO SURFACE DRAINS, SURFACE WATER, OR ONTO OTHER PROPERTY BY ANY OR ALL OF THE FOLLOWING METHODS:

- A. STORMWATER FACILITIES ARE TO BE BUILT AS EARLY IN THE CONSTRUCTION PHASE AS POSSIBLI TO ENSURE THE TREATMENT OF STORMWATER RUNOFF, TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES, HOWEVER, SUCH AS BERMS, SEDIMENT BASINS, GRASSING, SODDING, SAND BAGGING, BALED HAY OR STRAW, FLOATING SILT BARRIERS, STACKED SILT BARRIERS, ETC., MUST BE PROVIDED AND MAINTAINED UNTIL THE PERMANENT FACILITIES ARE COMPLETED AND OPERATIONAL
- B. REVEGETATION AND STABILIZATION OF DISTURBED GROUND SURFACES SHOULD BE ACCOMPLISHED AS SOON AS POSSIBLE.
- C. FULL COMPACTION OF ANY FILL MATERIAL PLACED AROUND NEWLY INSTALLED STRUCTURES D. PROHIBIT THE USE OF ANY CONSTRUCTION EQUIPMENT THAT LEAKS EXCESSIVE AMOUNTS OF FUEL OIL, OR HYDRAULIC FLUID
- 2. ALL DISTURBED AREAS SHALL BE GRADED FOR POSITIVE DRAINAGE, EXCEPT RETENTION AREAS, AND SHALL BE STABILIZED BY SODDING, EXCEPT WHERE SEEDING AND MULCHING ARE CALLED FOR ON THE PLANS. THE LATEST VERSION OF THE F.D.O.T. ROAD AND BRIDGE SPECIFICATIONS SHALL BE USED UNLESS MORE RESTRICTIVE LOCAL SPECIFICATIONS EXIST. THE CONTRACTOR IS RESPONSIBLE FOR STABILIZING AND MAINTAINING SLOPES AND SOD THROUGHOUT CONSTRUCTION UNTIL SUCH TIME AS APPROVED BY THE ENGINEER

PROTECTION OF FISH AND WILDLIF

THE CONTRACTOR MUST AT ALL TIMES PERFORM ALL WORK IN A WAY AND TAKE SUCH STEPS AS REQUIRED TO PREVENT ANY INTERFERENCE WITH OR DISTURBANCE TO FISH AND WILDLIFE. THE CONTRACTOR SHALL NOT ALTER WATER FLOWS OR OTHERWISE DISTURB NATIVE HABITATS AND JURISDICTIONAL WETLANDS LOCATED WITHIN AND / OR ADJACENT TO THE PROJECT AREA.

RECORDING AND PRESERVING HISTORICAL AND ARCHEOLOGICAL FINDS

ALL ITEMS HAVING ANY APPARENT HISTORICAL OR ARCHEOLOGICAL INTEREST THAT ARE DISCOVERED IN THE COURSE OF ANY CONSTRUCTION ACTIVITIES MUST BE CAREFULLY PRESERVED. THE CONTRACTOR MUST LEAVE THE ARCHEOLOGICAL FIND UNDISTURBED AND MUST IMMEDIATELY REPORT THE FIND TO THE OWNER SO THAT THE PROPER AUTHORITY MAY BE NOTIFIED.

- GENERAL REQUIREMENTS
- 1.01 SUBMITTALS A. EROSION AND CONTROL MEASURES
- B. COMPACTION TESTS
- SOIL CLASSIFICATION TESTS D. PRESERVATION PLANS

- 1.02_SITE EXAMINATION A. CONTRACTORS, BEFORE SUBMITTING BIDS, SHALL INFORM THEMSELVES AS TO LOCATION AND NATURE AND FACILITIES NEEDED FOR PERFORMANCE OF THE WORK GENERAL AND LOCAL CONDITIONS PREVAILING AT THE SITE, AND OTHER MATTERS WHICH MAY IN ANY WAY, AFFECT THE WORK UNDER CONTRACT. B. EXAMINE SOURCES OF INFORMATION CONCERNING GROUND WATER LEVEL, WHETHER SURFACE OR
- SUBSURFACE, EACH BIDDER TO DRAW HIS OWN CONCLUSION CONCERNING GROUND WATER LEVELS. AND HOW WATER AFFECTS THE WORK.

- 1.03 SUBSURFACE INVESTIGATIONS E. SUBSURFACE DATA, INCLUDING GROUND WATER ELEVATIONS OR CONDITIONS, IF SHOWN ON THE DRAWINGS OR ATTACHED TO THESE SPECIFICATIONS, ARE PRESENTED ONLY AS INFORMATION THAT IS AVAILABLE WHICH INDICATED CERTAIN CONDITIONS FOUND AND LIMITED TO THE EXACT LOCATIONS. SHALL NOT BE INTERPRETED AS AN INDICATION OF CONDITIONS THAT MAY ACTUALLY BE DEVELOPED THROUGH THE PERIOD OF CONSTRUCTION. BIDDERS SHALL EXAMINE THE SITE OF THE WORK AND MAKE THEIR OWN DETERMINATION OF THE CHARACTER OF MATERIALS AND THE CONDITIONS TO BE ENCOUNTERED ON THE WORK AND THEIR PROPOSAL SHALL BE BASED UPON UNION INVESTIGATIONS. THE OWNER AND ENGINEER SHALL NOT BE HELD RESPONSIBLE FOR VARIATIONS FOUND TO EXIST BETWEEN THE ATTACHED DATA ABOVE REFERRED TO AND ACTUAL FIELD CONDITIONS THAT DEVELOP THROUGH THE PERIOD OF CONSTRUCTION.
 - F. WHERE EXISTING GRADES, UTILITY LINES AND SUBSTRUCTURES ARE SHOWN ON THE DRAWINGS, THE OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR CORRECTNESS OF EXISTING CONDITIONS INDICATED. THE CONTRACTOR SHALL ASCERTAIN EXACT LOCATIONS OF UTILITIES AND SUBSTRUCTURES THAT MAY BE AFFECTED BY THIS PROJECT, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE OR INJURY THAT MAY RESULT FROM WORKING ON OR NEAR THOSE UTILITIES, SUBSTRUCTURES WHICH ARE NOT TO BE REMOVED OR DEMOLISHED.
 - G THE CONTRACTOR SHALL MAKE HIS OWN DEDUCTIONS OF THE SUBSURFACE CONDITIONS WHICH MAY AFFECT METHODS OR COST OF CONSTRUCTION AND HE AGREES THAT THE CONTRACTOR WILL MAKE NO CLAIM FOR DAMAGES OR OTHER COMPENSATION EXCEPT SUCH AS ARE PROVIDED FOR IN THE AGREEMENT, SHOULD THE CONTRACTOR FIND CONDITIONS DURING THE PROGRESS OF THE WORK DIFFERENT FROM THOSE AS CALCULATED OR ANTICIPATED BY THE CONTRACTOR

 $\frac{1.04 \ \text{BENCHMARKS AND MONUMENTS}}{\text{A. CAREFULLY MAINTAIN EXISTING BENCH MARKS, MONUMENTS, AND OTHER REFERENCE POINTS IF}$ DISTURBED OR DESTROYED, REPLACE AS DIRECTED

- 1.05 JOB CONDITIONS A. CONDITION OF PREMISES: ACCEPT SITE AS FOUND AND EXCAVATE, FILL, COMPACT, AND BACKFILL SITE AS HEREINAFTER SPECIFIED. B. PROTECTION
- a) EXISTING STRUCTURES AND PROPERTY: TAKE PRECAUTIONS TO GUARD AGAINST MOVEMENT OR SETTLEMENT OF ADJACENT STRUCTURES AND FACILITIES; PROVIDE AND PLACE BRACING OR SHORING AS NECESSARY OR PROPER IN CONNECTION THEREWITH; BE RESPONSIBLE FOR SAFETY AND SUPPORT OF SUCH STRUCTURES: BE LIABLE FOR ANY MOVEMENT OR SETTLEMENT, ANY DAMAGE OR INJURY CAUSED THEREBY OR RESULTING THEREFROM. IF AT ANY POINT ANY ADJACENT STRUCTURE APPEARS TO BE ENDANGERED, CEASE OPERATION, TAKE PRECAUTIONS TO SUPPORT SUCH STRUCTURES AND NOTIEY THE OWNER RESUME OPERATIONS ONLY AFTER PERMISSION HAS BEEN GRANTED BY THE OWNER

- a. SIDEWALKS AND STREETS: TAKE PRECAUTIONS TO GUARD AGAINST MOVEMENT, SETTLEMENT OR COLLAPSE OF ANY SIDEWALKS, CURBS OR STREET PASSAGES ON ADJOINING SITES; BE LIABLE FOR ANY SUCH MOVEMENT, SETTLEMENT OR COLLAPSE: REPAIR PROMPTLY SUCH DAMAGE WHEN SO ORDERED INSTALL SUCH SHORING, INCLUDING SHEET PILING, AS MAY BE REQUIRED DURING EXCAVATION, TO PROTECT BANKS, ADJACENT PAVING, STRUCTURES AND UTILITIES
- RESPONSIBILITY: BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING STRUCTURES OR TO EQUIPMENT AND FURNISHINGS HOUSED THEREIN WHICH ARE DUE DIRECTLY OR INDIRECTLY TO CONSTRUCTION OPERATIONS, EXCEPT WHERE REMOVAL IS NECESSITATED BY SITE GRADING OR LOCATION OF NEW BUILDING. USE EVERY POSSIBLE PRECAUTION TO PREVENT INJURIES TO LANDSCAPING, DRIVES, CURBS AND WALKS ON OR ADJACENT TO SITE OF THE WORK AND REPLACE. AT NO EXPENSE TO OWNER, ANY OF SUCH DESTROYED.

2. EXECUTION

2.01 GENERAL

- ACCOMPLISH IN A MANNER THAT PROVIDES FOR THE SAFETY OF THE PUBLIC AND WORKMEN AND PROVIDE FOR THE PROTECTION OF ALL PROPERTY.
- CONSTRUCTION: DO NOT CLOSE, OBSTRUCT OR STORE MATERIAL OR EQUIPMENT IN STREETS, SIDEWALKS, ALLEYS OR PASSAGEWAYS WITHOUT A PERMIT IN ACCORDANCE WITH LOCAL ORDINANCES, REGULATIONS AND CODES. C. INTERFERENCE: CONDUCT OPERATIONS WITH MINIMUM INTERFERENCE WITH ROADS, STREETS,
- DRIVEWAYS, ALLEYS, SIDEWALKS AND OTHER FACILITIES. PNEUMATIC TOOLS: WORK WITH PNEUMATIC OR VIBRATORY TOOLS WILL BE PERMITTED ONLY IN A р
- MANNER WHICH CAUSES NO RELATED DAMAGES REMOVED WINDERS OTHERWISE NOTED OR SPECIFIED TO BE RELOCATED OR STORED, ALL MATERIALS REMOVED BECOME THE PROPERTY OF THE CONTRACTOR AND ARE TO BE REMOVED COMPLETELY AWAY FROM THE SITE BY THE CONTRACTOR. DO NOT STORE OR PERMIT DEBRIS TO ACCUMULATE ON THE SITE
- TEMPORARY STRUCTURES: REMOVE ALL TEMPORARY STRUCTURES WHEN THEY ARE NO LONGER REQUIRED.
- REPAIR: CLEAN UP, REPAIR OR REPLACE AT NO COST TO OWNER ALL PROPERTY DAMAGED BY G. REASON OF REQUIRED WORK ALL PATCHWORK SHALL MATCH EXISTING AND BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER BY CRAFTSMEN SKILLED IN THE TRADE INVOLVED. IN NEWLY GRADED AREAS TAKE EVERY PRECAUTION AND TEMPORARY MEASURE NECESSARY TO PREVENT DAMAGE FROM EROSION OF FRESHLY GRADED AREA, WHERE ANY SETLEMENT OR WASHING MAY OCCUR PRIOR TO ACCEPTANCE OF THE WORK, REPAIR AND RE-ESTABLISH GRADES TO THE REQUIRED ELEVATIONS AND SLOPES AT NO ADDITIONAL COST TO THE OWNER. THIS APPLIES TO DAMAGE TO THE NEWLY GRADED AREAS WITHIN THE CONSTRUCTION LIMITS AND DAMAGE TO ADJACENT PROPERTIES

2.02 LOCATIONS AND ELEVATIONS A. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SURVEYS, MEASUREMENTS AND LAYOUTS REQUIRED FOR PROPER EXECUTION OF THE WORK. LAY OUT LINES AND GRADES FROM EXISTING SURVEY CONTROL SYSTEM AND AS SHOWN ON DRAWINGS.

- 2.03 CLEARING AND GRUBBING A. WITHIN LIMITS OF AREA DESIGNATED FOR GRADING AND SITE CONSTRUCTION WORK, REMOVE TREES, BRUSH, STUMPS, WOOD, DEBRIS AND OTHER DELETERIOUS MATERIALS NOT REQUIRED TO REMAIN AS PART OF FINISHED WORK
- REMOVE ALL GRASS, PLANTS, VEGETATION AND ORGANIC MATERIAL FROM SAME AREA.

STRIP ALL TOPSOIL ORGANIC MATERIAL SURFACE LITTER, RUBBLE AND OVERBURDEN FOR ENTIRE DEPTH OF ROOT SYSTEM OF GRASS OR OTHER VEGETATION OVER THE LIMITS OF CONSTRUCTION. STOCKPILE TOPSOIL ON SITE WHERE DIRECTED.

- $\underline{2.05}$ EXCAVATION AFTER STRIPPING, CLEARING AND GRUBBING WHERE APPLICABLE, HAS BEEN
- COMPLETED. EXCAVATE TO GRADES REQUIRED TO ACCOMMODATE THE PROPOSED CONSTRUCTION. DEWATER AS NEEDED.
- REMOVE "UNSATISFACTORY MATERIALS" ENCOUNTERED FROM THE BUILDING AREAS, AND OTHER C. NON-LANDSCAPED AREAS.
- EXCAVATE IN SUCH A MANNER THAT QUICK AND EFFICIENT DRAINAGE OF STORMWATER WILL BE AFFECTED
- CLASSIFY EXCAVATED MATERIALS AND STOCKPILE SEPARATELY SUITABLE SOILS FOR USE AS BACKFILL MATERIALS. IF SUFFICIENT QUANTITIES OF EXCAVATED MATERIALS MEETING THE CONTROL OF ALL SURFACE AND SUBSURFACE WATER IS PART OF THE DEWATERING REQUIREMENTS; MAINTAIN ADEQUATE CONTROL SO THAT THE STABILITY OF EXCAVATED AND REQUIREMENTS FOR BACKFILL ARE NOT AVAILABLE ON SITE, PROVIDE MATERIALS MEETING THESE CONSTRUCTION SLOPES IS NOT ADVERSELY AFFECTED BY WATER. THAT EROSION IS CONTROLLED AND THE FLOODING OF EXCAVATIONS OR DAMAGE TO STRUCTURES DOES NOT OCCUR. DRAIN EQUIREMENTS STOCKPILE EXCAVATED MATERIAL SUITABLE FOR USE AS FILL AND BACKFILL SURFACE WATER AWAY FROM THE EXCAVATION. DISPOSE OF ALL WATER REMOVED FROM THE EXCAVATION IN A MANNER THAT WILL NOT ENDANGER

- FILLING, BACKFILLING AND COMPACTING THE WORK CONSISTS OF COMPACTION OF EXISTING EARTH (EXCLUDE ROCK), SURFACES AFTER EXCAVATION, FILLING AND COMPACTION OF SAID AREA TO LEVELS REQUIRED WITH SUITABLE BACKEILI MATERIAL
- MATERIALS: "SATISFACTORY FILL MATERIALS" AASHTO CLASSIFICATION A-3 OR BETTER SHALL BE USED IN FILLS AND BACKFILLS.
- C. FILLING AND BACKFILLING: PLACE "SATISFACTORY FILL MATERIAL" IN HORIZONTAL LAYERS NOT EXCEEDING 6 INCHES IN LOOSE DEPTH. COMPACT AS SPECIFIED HEREIN. NO MATERIAL SHALL BE PLACED ON SURFACES THAT ARE MUDDY...
- D. COMPACTION: COMPACTION SHALL BE WITH EQUIPMENT SUITED TO SOIL BEING COMPACTED, MOISTEN COMPACTION. COMPACTION SHALL BE WITH EQUIPMENT SOTIED TO SOL BEING COMPACTED, MIGISTER OR AERATE MATERIAL AS NECESSARY TO PROVIDE MOISTURE CONTENT THAT WILL READILY FACILITATE OBTAINING SPECIFIED COMPACTION WITH EQUIPMENT USED. COMPACT EACH LAYER TO NOT LESS THAN PERCENTAGE OF MAXIMUM DENSITY SPECIFIED BELOW DETERMINED IN ACCORDANCE WITH AASHTO T-180. INSURE THAT THE COMPACTION OF PREVIOUSLY PREPARED FILL AREAS HAS BEEN MAINTAINED PRIOR TO PLACING NEW LAYERS. RECONDITIONING OF SUBGRADE: WHERE APPROVED COMPACTED SUBGRADES ARE DISTURBED BY
- THE CONTRACTOR'S SUBSEQUENT OPERATIONS OR ADVERSE WEATHER. SUBGRADE SHALL BE SCARIFIED AND COMPACTED AS SPECIFIED HEREIN BEFORE TO REQUIRED DENSITY PRIOR TO URTHER CONSTRUCTION THEREON. RE-COMPACTION OVER UNDERGROUND UTILITIES SHALL BE BY POWER-DRIVEN HAND TAMPERS. COMPACTION REQUIREMENTS
- a. FILL UNDER LAWNS AND PLANTED: 95%
- . BELOW SLABS ON GRADE AND CONCRETE WALKS: 98%
- c. UNDER PAVING PARKING AREAS: 98%

- 2.07 TESTING A. THE CONTRACTOR WILL PROVIDE THE SERVICES OF A TESTING LABORATORY TO PERFORM SPECIFIED TESTS, INSPECTIONS, INSTRUMENTATION AND INSPECTION OF WORK.
- TESTS OF MATERIALS SHALL BE AS FOLLOWS:
- a. SOIL CLASSIFICATION: ONE TEST FROM EACH TYPE OF MATERIAL ENCOUNTERED AND / OR PROPOSED TO BE USED
- LABORATORY TESTS FOR MOISTURE-CONTEST AND DENSITY ACCORDING TO AASHTO T-180: ONE TEST FOR EACH MATERIAL ENCOUNTERED AND / OR PROPOSED TO BE USED.
- c. FIELD TESTS FOR MOISTURE CONTEST AND DENSITY: ONE TEST PER LAYER OF FILL PER 5.000 SQUARE FEET OF AREA.
- roject No. ANDERSON ENCLOSURES 25450 Airport Road, Suite B ject Manage MAP Punta Gorda, Florida 3395 oject Enginee REED Tel. (941) 637-9655 | Fax (941) 637-1149 GENERAL NOTES roject Design www.sedfl.com ng & Design Certificate of Authorization No. 26551 necked By: SECTION 12, TOWNSHIP 40 SOUTH, RANGE 21 EAST REV DATE BY DESCRIPTION MAP PORT CHARLOTTE CK'D oved By



b. AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) STANDARD

SINGLAM ADDITION OF TRANSPORTATION (FOOT) STANDARDS AND SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION-SECTION 350- "CEMENT CONCRETE PAVEMENT".

Mark A Pricer, P.E. State of Fordia, Professional Engineer Lineare No. 2014 This Tern has been diplotly signed and seeled by: on the data objects to the seal. Printed copies of this document are not omsidered signed and seeled and the signature must be verified on any electronic copies. DATE: SCALE MAY 2023 AS NOTED PROJECT No. 22-0611 SHEET: 2

SUPPLEMENTAL SPECIFICATIONS: 1. GENERAL

THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND ADHERE TO THE SPECIFICATIONS AND STANDARD FAMILIAR WITH AND COMPLY WITH ALL SITE DEVELOPMENT STANDARDS AND CODES OF THE REGULATORY AGENCIES ASSOCIATED WITH THIS PROJECT. THE LATEST VERSION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION ROAD AND BRIDGE CONSTRUCTION STANDARD SPECIFICATIONS AND THE LATES' FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS SHALL BE INCLUDED WITHIN THE PROJECT SPECIFICATIONS. UNLESS OTHERWISE NOTED, EITHER ON THE PLANS O WITHIN THE SPECIFICATIONS, THE APPLICABLE SECTIONS OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND THE LATEST FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS SHALL APPLY INCLUDING REFERENCES THEREIN THE GENERAL DESCRIPTION OF THE NATURE OF THE WORK SHALL BE SUFFICIENT CORRELATION TO THE FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, EXACT ITEM DESCRIPTION IS NO REQUIRED. IN THE EVENT THERE ARE CONFLICTS BETWEEN SPECIFICATIONS OR REQUIREMENTS, THE MOST RESTRICTIVE (CONSERVATIVE) SPECIFICATION OR REQUIREMENT SHALL BE USED.

2. <u>POTABLE WATER DISTRIBUTION/ WASTEWATER COLLECTION INSTALLATION</u> UNLESS OTHERWISE NOTED ON THE PLANS, THE STANDARDS AND SPECIFICATIONS OF THE ASSOCIATED

UTILITY COMPANY SERVING THE PROJECT SITE SHALL BE ADHERED TO FOR ALL MATERIALS INSTALLATION, TESTING, AND CERTIFICATION ACTIVITIES FOR ALL PUMP STATIONS, MAIN LINES, SERVICES AND APPURTENANCES. IF STANDARDS AND SPECIFICATIONS ARE NOT AVAILABLE, THE CONTRACTOR SHALL CONFORM WITH THE LATEST STANDARDS AND SPECIFICATIONS ADOPTED BY THE LOCAL MUNICIPA UTILITY OR THE MANUFACTURERS RECOMMENDED INSTALLATION PROCEDURES, WHICHEVER I SPECIFICALLY THE MOST RESTRICTIVE

 STORMWATER PIPE INSTALLATION AND MISCELLANEOUS EXCAVATIONS UNLESS OTHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL PERFORM THE EXCAVATION, BEDDING, JOINTS, AND BACKFILLING OPERATIONS IN ACCORDANCE WITH THE POTABLE WATER/ WASTEWATER INSTALLATION SPECIFICATIONS, LOCAL GOVERNMENTAL REGULATIONS OR STANDARDS, F.D.O.T. STANDARDS AND SPECIFICATIONS OR MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, WHICHEVER IS SPECIFICALLY THE MOST RESTRICTIVE.

UNSUITABLE MATERIALS

IF UNSUITABLE MATERIAL IS ENCOUNTERED WITHIN THE PAVED AREA AND / OR UTILITY AREAS IT SHALL BE REMOVED TO A DEPTH OF THREE (3) FEET BELOW THE SUB-BASE OR TRENCH BOTTOM AND SHALL BE BACKFILLED WITH THE AASHTO A-3 MATERIAL OR BETTER WITH PLACEMENT AND COMPACTION METHODS IN ACCORDANCE WITH THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS OR AS OTHERWISE NOTED ON THE PLANS, UNSUITABLE MATERIALS SHALL BE REMOVED FROM SITE, UNLESS THE ENGINEER APPROVES USE WITHIN LANDSCAPED AREAS.

1.01 GENERAL

- A. THE CONTRACTOR SHALL OBTAIN A SPECIFIC DEWATERING PERMIT FROM THE WATER MANAGEMENT DISTRICT THAT MATCHES THE METHOD AND SCOPE OF DEWATERING PROPOSED
- R DEWATERING CONSISTS OF PERFORMING ALL WORK NECESSARY TO REMOVE SURFACE WATER AND OR CONTROL THE GROUND WATER LEVELS AND HYDROSTATIC PRESSURES IN ORDER TO PERMIT ALL EXCAVATION AND CONSTRUCTION UNDER THIS CONTRACT TO BE PERFORMED IN THE DRY. C. WORK OF THIS SECTION INCLUDES INSTALLATION, OPERATIONS, MAINTENANCE, SUPERVISION
- SUPPLY, DISMANTLING, AND REMOVAL FROM THE SITE OF THE DEWATERING EQUIPMENT. THE CONTRACTOR MUST FAMILIARIZE HIMSELF WITH THE POTENTIAL FOR EXCESSIVE RAINFALL, GROUND CONDITIONS, AND THE GROUND WATER CONDITIONS, GROUND WATER ELEVATION CAN FLUCTUATE. IT IS ANTICIPATED THAT ANY EXCAVATIONS MAY ENCOUNTER THE GROUND WATER
- DRAINAGE OF THE SITE: AT ALL TIMES THE CONTRACTOR SHALL MAINTAIN AND OPERATE ADEQUAT SURFACE AND SUBSURFACE DRAINAGE METHODS IN ORDER TO KEEP THE CONSTRUCTION SITE DRY AND IN SUCH CONDITION THAT PLACEMENT AND COMPACTION OF FILL MAY PROCEED UNHINDERED BY SATURATION OF THE AREA DURING CONSTRUCTION, THE SURFACE OF THE BACKFILL AREA SHALL BE LEFT IN SUCH CONDITION THAT PRECIPITATION AND / OR SURFACE WATER WILL RUN OFF WITHOUT PONDING

1.02 METHOD

- PUBLIC HEALTH. PROPERTY, OR PORTIONS OF THE WORK UNDER CONSTRUCTION OR COMPLETED. DISPOSE OF WATER IN A MANNER THAT WILL CAUSE NO INCONVENIENCE WHATSOEVER TO THE OWNER OR TO OTHERS ENGAGED IN WORK AT THE SITE
- C. DISPOSE OF WATER RESULTING FROM DEWATERING OPERATIONS IN ACCORDANCE WITH CITY, COUNTY, STATE AND FEDERAL REGULATIONS.
 D. CONDUCT OPERATIONS SO THAT STORMWATER RUNOFF, SEDIMENT IS NOT DISCHARGED TO THE
- ADJACENT WATER BODIES. SEWERS, STREETS AND ADJACENT PROPERTIES. DEWATERING SYSTEM SHALL BE SO DESIGNED AS TO PREVENT REMOVAL OF SOIL FINES FROM THE SITE DURING THE DEWATERING OPERATION.

PORTLAND CEMENT CONCRETE PAVING: 1.01 QUALITY ASSURANCE

A. COMPLY WITH ACI STANDARDS RECOMMENDED PRACTICES FOR CONSTRUCTION OF CONCRETE PAVEMENTS AND CONCRETE BASES (ACI 325.9R, LATEST EDITION)

1.02 REFERENCE STANDARDS

- THE FOLLOWING REFERENCE STANDARDS OF THE ISSUES LISTED BELOW BUT REFERRED THEREAFTER BY BASIC DESIGNATION ONLY. FORM A PART OF THIS SPECIFICATION TO THE EXTENT INDICATED BY THE REFERENCES THERETO. TESTS SHALL BE PERFORMED IN ACCORDANCE WIT
- a. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)
- d. T-180 MOISTURE- DENSITY RELATIONS OF SOILS

1.03 SUBMITTALS

- . THE CONTRACTOR SHALL SUBMIT TWO COPIES OF TEST REPORTS PREPARED BY AN INDEPENDENT TESTING LABORATORY AND CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED TO PRACTICE IN THE STATE OF FLORIDA. THESE REPORTS SHALL INDICATE ALL TESTS PERFORMED AND SHALL INCLUDE A CERTIFICATION STATEMENT OF COMPLIANCE WITH THE PROJECT SPECIFICATIONS. TESTS SHALL BE PERFORMED AS SPECIFIED UNDER THIS SECTION. SUBMIT FOR REVIEW THE FOLLOWING
- CONCRETE DESIGN MIX AND PROVING FLEXURAL STRENGTH (MODULUS OF RUPTURE) TESTS
- EXPANSION JOINT FILLER DATE
- JOINT SEALER DATE
- PROPOSED PAVING CONSTRUCTION PLAN WHICH SHALL SHOW THE CONCRETE PAVING JOINT TYPES AND LOCATIONS AND SHALL INCLUDE A STATEMENT OF PROPOSED SEQUENCE AND SCHEDULE OF PAVING OPERATIONS RESULTS OF CONCRETE TESTS
- 6. RESULTS OF FIELD TESTS OF LBR AND COMPACTION OF STABILIZED SUBGRADE.

1.04 MATERIALS

- A. STABILIZED SUBGRADE: PROVIDE 12 INCH STABILIZED SUBGRADE (LBR 40 MIN) COMPACTED TO A MINIMUM DENSITY OF 98% AS DETERMINED BY AASHTO T-180
- CONCRETE: CONCRETE FOR CONCRETE PAVEMENT SHALL HAVE A COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, A SI LIMP RANGE BETWEEN 2 TO 4 INCHES AND A 28 DAY MODULES OR RUPTURE OF 650 SIAS DETERMINED BY THE REQUIREMENTS OF PARAGRAPH TESTING SPECIFIED HEREINAFTER. JOINT SEALER: JOINT SEALING SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR
- CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS, LATEST EDITION, SECTION
- PREFORMED EXPANSION JOINT FILLER: PREFORMED EXPANSION JOINT FILLER SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS, LATEST EDITION, SECTION 712

1.05 EXECUTION

- COMPLY WITH ACI STANDARD 316-74 AND SECTION 350, FDOT STANDARDS AND SPECIFICATIONS, UNLESS OTHERWISE SPECIFIED HEREIN.
- FINAL GRADING: ALL CONCRETE PAVEMENT SHALL HAVE A MAXIMUM DEVIATION OF 1/8 INCH (PLUS/ MINUS) FROM THE SPECIFIED SURFACE PLANE AND PLAN GRADES. THE SURFACE FINISH SHALL BE APPROVED BY THE OWNER OR HIS REPRESENTATIVE. IN GENERAL THE
- TEXTURE IS OF A MEDIUM BROOM FINISH AFTER FLOATING.

 D. JOINTS
 a. CONTRACTION JOINTS INDICATED ON DRAWINGS, OR AS REQUIRED SHALL BE PLACED
 PERPENDICULAR TO THE FINISH GRADIENT OF THE CONCRETE. JOINTS SHALL BE CUT TO A DEPTH OF ¼ OF THE SLAB THICKNESS BY CUTTING WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS OR BY SAWING WITH A BLADE PRODUCING A CUT NOT LESS THAN 1/8 INCH IN WIDTH. SAW JOINTS WITHIN 4 TO 6 HOURS OF CONCRETE PLACEMENT

EXPANSION JOINTS SHALL BE PLACED WHERE INDICATED ON DRAWINGS, OR AS REQUIRED, USING 1/2 DICH THICK PREFORMED EXPANSION JOINT MATERIAL ANCHOR WITH APPROVED EVICES TO PREVENT DISPLACEMENT DURING PLACEMENT AND FINISHING. EDGES SHALL BE ROUNDED WITH AN EDGING TOOL. JOINTS SHALL BE FULL DEPTH OF CONCRETE EXCEPT THAT TOP EDGES SHALL BE ½ INCH BELOW THE FINISH CONCRETE SURFACE, EXPANSION JOINTS SHALL BE SEALED TO THE SURFACE BY FILLING WITH JOINT SEALING COMPOUND. JOINTS SHALL BE CLEAN AND DRY BEFORE SEALING COMPOUND IS PUT IN PLACE.

CONSTRUCTION JOINTS ARE TO BE USED AT CONTRACTION JOINT LOCATIONS TO STOP CONCRETE POURS

- A CURING: CONCRETE SHALL BE CURED BY PROTECTING IT AGAINST LOSS OF MOISTURE AND MECHANICAL INJURY FOR AT LEAST THREE DAYS AFTER PLACEMENT. A PIGMENTED LIQUID CURING MEMBRANE SHALL BE APPLIED IMMEDIATELY AFTER FINISHING; OPERATION AT THE RATE OF ONE GALLON TO NOT MORE THAN 200 SQUARE FEET.
- GALLON TO NOT MORE HAR 200 SQUARE FEET. CLEANING AND SEALING JOINTS: SHALL BE FILLED WITH JOINT-SEALING MATERIAL NO LESS THAN 8 HOURS AFTER POUR AND WITHIN 2 WEEKS AFTER POUR. THOROUGHLY CLEAN ALL FOREIGN
- MATERIAL INCLUDING ANY MEMBRANE CURING COMPOUND FROM JOINT. TESTING: LABORATORY AND FIELD TESTING SHALL BE AT THE CONTRACTOR'S EXPENSE. IN ADDITION, ALL RETESTING SHALL BE DONE AT CONTRACTOR'S EXPENSE.
- DESIGN MIXES AND TESTING REQUIREMENTS FOR THE CONCRETE PAVEMENT SHALL BE AS FOLLOWS: SLUMP TESTS SHALL BE PERFORMED ON SAMPLES TAKEN AT THE SITE AT A FREQUENCY OF TWO PER ACRE
- MAKE ONE STRENGTH TEST FOR EACH 100 CUBIC YARDS OR FRACTION THEREOF PLACED PER DAY. NUMBER OF CYLINDERS SHALL BE THREE FOR STRENGTH TEST. TEST ONE AT THREE DAYS, ONE AT SEVEN DAYS AND ONE AT 28 DAYS.

PAVEMENT MARKING: 1.01 QUALITY ASSURANCE

- A. WORK SHALL BE PREFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS IN A NEAT AND
- ACCURATE MAN ALL EQUIPMENT SHALL BE OF A TYPE AND DESIGN WHICH WILL READILY OBTAIN THE REQUIRED UNIFORMITY OF APPLICATION OF THE PAVEMENT MARKINGS BOTH AS TO THICKNESS OF COATING AND

AS TO ALIGNMENT

1.02 REFERENCE STANDARDS

- A. THE FOLLOWING PUBLICATIONS OF THE ISSUE LISTED BELOW, BUT REFERRED TO THEREAFTER BY BASIC DESIGNATION ONLY. 1. FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS FOR ROAD AND
- BRIDGE CONSTRUCTION, LATEST EDITION. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS PUBLISHED BY THE
- U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, LATEST EDITION.

1.03 SUBMITTALS

- A. SUBMIT PAINT TESTS, AS SPECIFIED IN SECTION 971 OF FDOT SPECIFICATIONS AND AS APPLICABLE TO HEREINAFTER SPECIFIED MATERIAL
- 1.04 MATERIALS AND COLORS

- A. THERMOPLASTIC: IN ACCORDANCE WITH REQUIREMENTS AS SPECIFIED IN SECTION 711 AND 971 OF THE FDOT SPECIFICATIONS, LATEST EDITION.
- B. PAINT: IN ACCORDANCE WITH REQUIREMENTS AS SPECIFIED IN SECTION 710 AND 971 OF THE FDOT SPECIFICATIONS, LATEST EDITION. LATEX PAINT ONLY. C. COLORS: YELLOW AND WHITE PER FOOT, OR AS INDICATED ON DRAWINGS.



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- B. WEATHER LIMITATIONS: NO PAINT SHALL BE APPLIED WHEN ANY MOISTURE IS PRESENT ON THE WEATHER LIMITATIONS, NO FAILT STALL BE REFELLE WHEN ANY MOSTOR IS PRESENT ON THE SURFACE TO BE PAINTED OR WHEN THE AIR TEMPERATURE IS BELOW 40 DEGREES F. PAINTING SHALL NOT BE DONE WHEN WINDS ARE SUFFICIENT TO CAUSE SPRAY DUST.
 C. PREPARATION OF SURFACE TO BE PAINTED: THE SURFACE WHICH IS TO BE PAINTED SHALL BE
- CLEANED, BY COMPRESSED AIR OR OTHER EFFECTIVE MEANS, IMMEDIATELY BEFORE THE START OF PAINTING AND SHALL BE CLEAN AND DRY WHEN THE PAINT IS APPLIED. ANY VEGETATION OR LOOSE SOIL SHALL BE REMOVED FROM THE PAVEMENT BEFORE STRIPING IS BEGUN.
- D. MIXING PAINT: THE PAINT SHALL BE THOROUGHLY MIXED BEFORE IT IS POURED INTO THE PAINTING MACHINE AND NO THINNING OF THE PAINT IN THE MACHINE WILL BE ALLOWED AT ANY TIME. BEFORE THE START OF EACH DAY'S WORK THE PAINT CONTAINER, THE CONNECTIONS AND THE SPRAY NOZZLES ON THE MACHINE SHALL BE THOROUGHLY CLEANED WITH PAINT THINNER OR OTHER SUITABLE CI EANER
- E. PAINT APPLICATION: THE TRAFFIC MARKINGS SHALL BE OF THE SPECIFIED DIMENSIONS WITH CLEAN, TRUE EDGES AND WITHOUT SHARP BREAKS IN THE ALIGNMENT. A UNIFORM COATING OF PAINT SHALL BE OBTAINED AND THE FINISHED MARKINGS SHALL CONTAIN NO LIGHT SPOTS OR PAINT SKIPS, ANY
- STRIPES WHICH DO NOT HAVE A UNIFORM, SATISFACTORY APPEARANCE, BOTH DAY AND NIGHT, SHALL BE CORRECTED.
- RATE OF APPLICATION: THE MINIMUM RATE OF APPLICATION FOR PAINT SHALL BE AS FOLLOWS
- FOUR INCH SOLID: 20 GALLONS PER MILE ANY OTHER WIDTH STRIPE OR MARKINGS: A DIRECT PROPORTION OF THE ABOVE
- HANDICAP LOGO: IN CONFORMANCE TO THE REQUIREMENTS OF THIS SECTION AND LOCAL CODES
- REQUIRED FILM THICKNESS: THE MINIMUM WET FILM THICKNESS FOR ALL PAINTED AREAS SHALL BE 15
- H. ALIGNMENT OF STRIPES: WHERE A STRIPE DEVIATES FROM THE CORRECT ALIGNMENT, AS INDICATED BY THE STRING LINE, BY MORE THAN ONE INCH IN ANY 20 FOOT LENGTH, IT SHALL BE OBLITERATED AND THE STRIPE CORRECTED HEREINAFTER AS SPECIFIED IN PARAGRAPH "CORRECTIVE MEASURES".

1.06 PROTECTION OF PAINTED MARKINGS

- A. PROTECTION OF STRIPES: ALL NEWLY PAINTED STRIPES, OR OTHER MARKINGS, SHALL BE PROTECTED UNTIL THE PAINT IS SUFFICIENTLY DRY TO PERMIT VEHICLES TO CROSS THE MARKING WITHOUT DAMAGE FROM THE TIRES
- B. REPAIR OF DAMAGED AREAS: ANY PORTION OF THE STRIPES DAMAGED BY PASSING TRAFFIC OR FROM ANY OTHER CAUSE, SHALL BE REPAINTED AT THE CONTRACTOR'S EXPENSE.

1.07 DIMENSION AND ALIGNMENT TOLERANCE

- A. DIMENSIONS: NO MARKING SHALL BE LESS THAN THE SPECIFIED WIDTH. NO MARKINGS SHALL EXCEED THE SPECIFIED WIDTH BY MORE THAN 1/2 INCH. ALIGNMENT TOLERANCES SHALL BE AS SPECIFIED IN
- B. CORRECTION RATES: ANY CORRECTIONS OF VARIATION IN THE WIDTH OF OR IN THE ALIGNMENT OF STRIPES SHALL NOT BE MADE ABRUPTLY BUT THE STRIPES SHALL BE RETURNED TO THE DESIGN WIDTH AT THE RATE OF AT LEAST 10 FEET FOR EACH 1/2 INCH.

1.08 CORRECTIVE MEASURES

- A. ALL PAVEMENT MARKINGS WHICH FAIL TO MEET THE SPECIFICATIONS, INCLUDING THE PERMISSIBLE TOLERANCES AND THE APPEARANCE REQUIREMENTS, OR ARE MARRED OR DAMAGED BY TRAFFIC OR FROM OTHER CAUSES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE ALL DRIP AND SPATTERED PAINT SHALL BE REMOVED. WHENEVER IT IS NECESSARY TO REMOVE PAINT IT SHALL BE DONE BY MEANS WHICH WILL NOT DAMAGE THE UNDERLYING SURFACE OF THE PAVEMENT. WHEN NECESSARY TO CORRECT A DEVIATION WHICH EXCEEDS THE PERMISSIBLE TOLERANCE IN ALIGNMENT. THAT PORTION OF THE STRIPE AFFECTED SHALL BE REMOVED AND REPAINTED IN ACCORDANCE WITH HESE SPECIFICATIONS
- B. CORRECTIVE DEVICES: MISALIGNMENT, DEFECTIVE SURFACES, ETC., SHALL BE CORRECTED BY CHEMICAL AGENTS, OR BY ANY OTHER TYPE OF MECHANICAL DEVICE WHICH WILL EFFECTIVELY REMOVE THE PAINT WITHOUT DAMAGE TO THE PAVEMENT SURFACE, OR PREVENT THE REAPPLICATION OF MARKINGS.

1.09 SPARE PAINT

A. PROVIDE THE OWNER WITH A MINIMUM OF FIVE GALLONS OF TRAFFIC PAINT FROM THE SAME BATCH USED IN APPLICATION OF PAVEMENT MARKINGS. ALSO PROVIDE PAINT SPECIFICATIONS AND THE MANUFACTURER'S IDENTIFICATION NUMBER OF THE PAINT USED.

1.10 MARKING TYPE

- A. ANY PAVEMENT MARKINGS LOCATED WITHIN PUBLIC RIGHTS-OR-WAY SHALL BE PER FDOT OR LOCAL JURISDICTION STANDARDS
- B. ANY PAVEMENT MARKINGS LOCATED ON-SITE SHALL BE PAINT UNLESS OTHERWISE INDICATED
- CONSTRUCTION TOLERANCES
- THE FOLLOWING ARE THE ALLOWABLE DEVIATIONS FROM PROJECT DESIGN GRADES AND GRADIENTS THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM AND DOCUMENT COMPLIANCE WITH THESE TOLERANCES PRIOR TO PROCEEDING FROM ONE PHASE OF CONSTRUCTION TO THE NEXT:

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MAP

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MAP PORT CHARLOTTE

- STORMWATER MANAGEMENT/ DRAINAGE FACILITIES
- . PERIMETER CONTAINMENT BERM: MINIMUM ELEVATION = DESIGN GRADE
- MAXIMUM ELEVATION= DESIGN GRADE + 0.10 FEET B WATER CONTROL STRUCTURE
- MINIMUM GRATE ELEVATION = DESIGN GRADE
- MAXIMUM GRATE ELEVATION = DESIGN GRADE + 0.10 FEET
- MINIMUM CREST ELEVATION = DESIGN GRADE
- MAXIMUM CREST ELEVATION = DESIGN GRADE + 0.05 FEET MINIMUM BLEEDER ELEVATION = DESIGN GRADE
- MAXIMUM BLEEDER ELEVATION = DESIGN GRADE + 0.05 FEET
- MINIMUM TOP OF FILTER ELEVATION = DESIGN GRADE MAXIMUM TOP OF FILTER ELEVATION = DESIGN GRADE + 0.05 FEET

DESCRIPTION

- C. CATCH BASINS/INLETS/PIPE INVERTS:
- MINIMUM ELEVATION = DESIGN GRADE + 0.05 FEET MAXIMUM ELEVATION = DESIGN GRADE + 0.05 FEET D. SWALE GRADES/ GRADIENTS:
- MINIMUM ELEVATION = DESIGN GRADE 0.10 FEET MAXIMUM ELEVATION = DESIGN GRADE +0.10 FEET MINIMUM FLOWLINE GRADIENT = 90% OF DESIGN GRADIENT
- E. PAVEMENT GRADES/ GRADIENTS:
- FLEXIBLE PAVEMENT GRADE

DATE BY

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- IIMUM ELEVATION = DESIGN GRADE 0.10 FEE MAXIMUM ELEVATION = DESIGN GRADE + 0.10 FEET
- h ELEXIBLE PAVEMENT GRADIENTS
- MINIMUM GRADIENTS = 90% DESIGN GRADIENT (CROSS SLOPE AND LONGITUDINAL SLOPE)

- c. RIGID (CONCRETE) PAVEMENT GRADE: MINIMUM ELEVATION = DESIGN GRADE - 0.05 FEET
- MAXIMUM ELEVATION = DESIGN GRADE + 0.05 FEET
- d RIGID PAVEMENT GRADIENTS
- MINIMUM GRADIENTS = 90% OF DESIGN GRADIENT
- (CROSS SLOPE AND LONGITUDINAL SLOPE)
- MAXIMUM HANDICAP RAMP = 1:12
- (GRADIENT UNLESS OTHERWISE SPECIFIED BY LOCAL CODES)
- 2. WATER DISTRIBUTION/ WASTEWATER COLLECTION FACILITIES
- UNLESS OTHERWISE SPECIFIED BY THE LOCAL UTILITY COMPANIES, THE FOLLOWING ARE THE ALLOWAB TOLERANCES FOR THESE ACTIVITIES:

ANDERSON ENCLOSURES

GENERAL NOTES

SECTION 12. TOWNSHIP 40 SOUTH. RANGE 21 EAST

6. MAINTAIN FILTER DURING CONSTRUCTION TO PROVIDE CONTINUOUS OPERATION

PLANNED FOR CLEARING

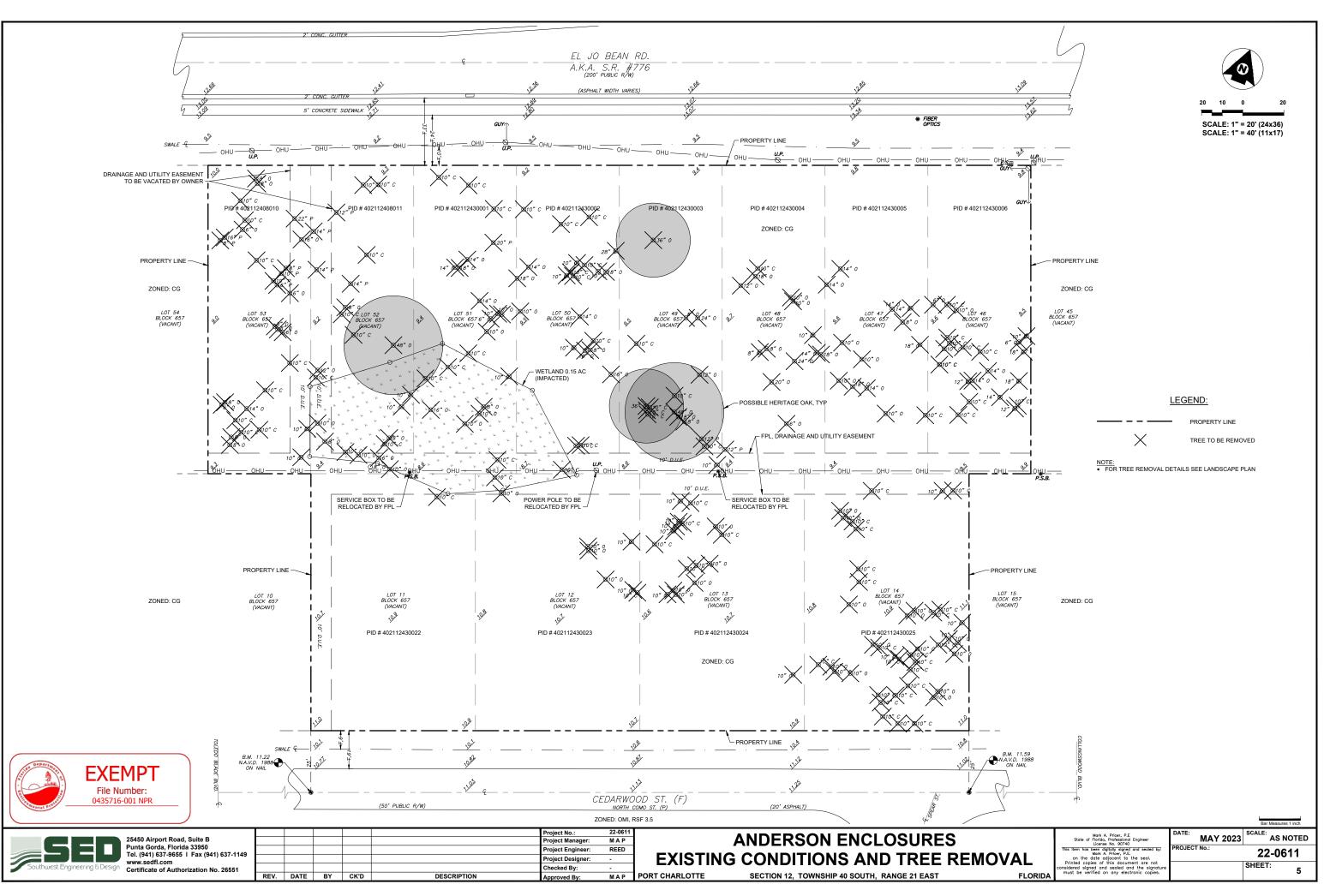
- MAXIMUM ELEVATION = DESIGN GRADE + 0.05 FEET
- MINIMUM LINE GRADIENT = 90% OF DESIGN GRADIENT B. ALIGNMENT/ LOCATION OF APPURTENANCES:

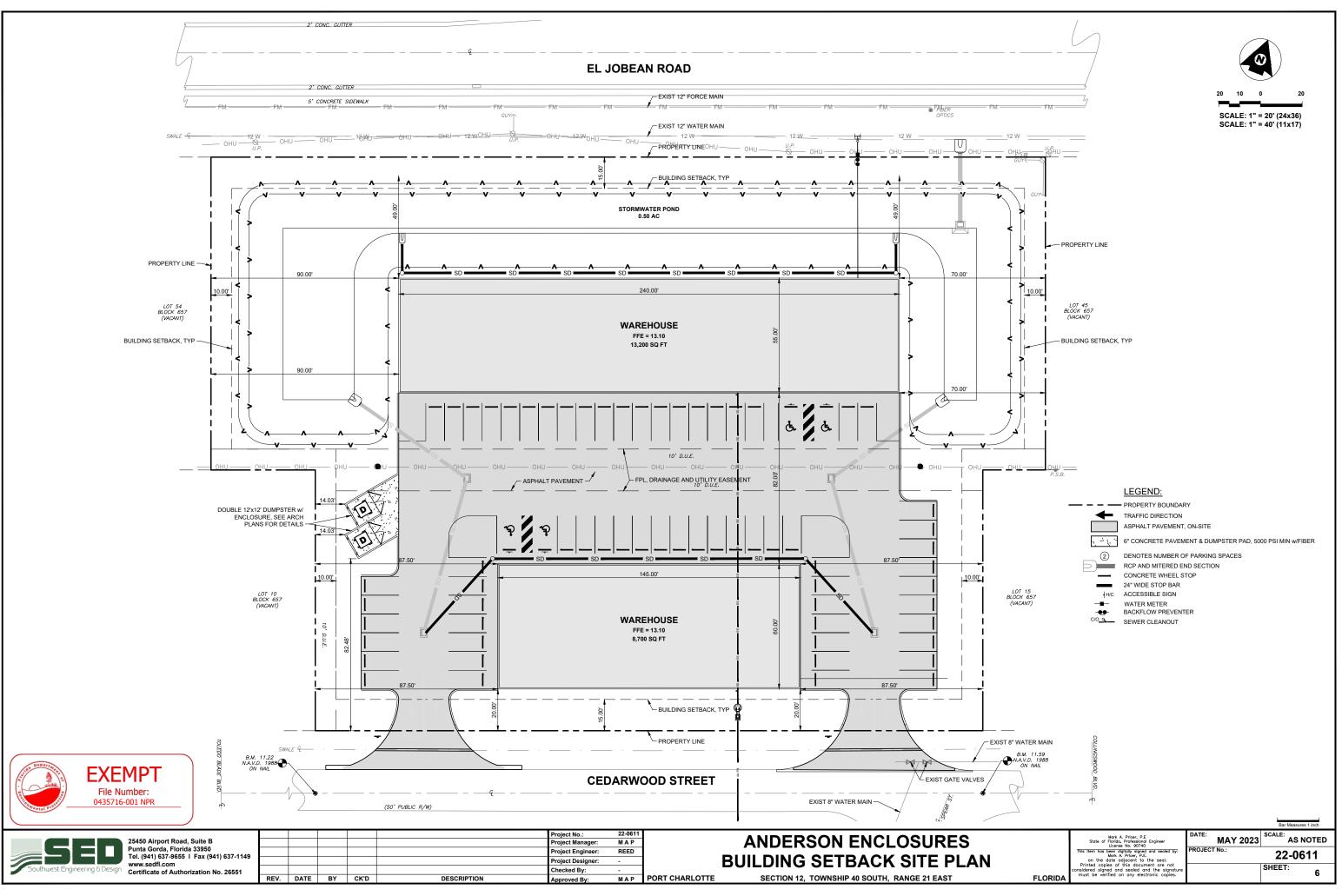
c. RIGID (CONCRETE) PAVEMENT GRADE: MINIMUM ELEVATION = DESIGN GRADE - 0.05 FEET MAXIMUM ELEVATION = DESIGN GRADE + 0.05 FEET d. RIGID PAVEMENT GRADIENTS: MINIMUM GRADIENTS = 90% OF DESIGN GRADIENT (CROSS SLOPE AND LONGITUDINAL SLOPE) MAXIMUM HANDICAP RAMP = 1.12 (ONDIFICIENT WIN FOR CONFIDENCE DEPOSITION CONFIDENCE)	 UPON PERFORMING FINAL GRADING, THE CONTRACTOR SHALL REMOVE ALL SILTS, CLAYS AND OTHER DELETERIOUS MATERIAL FROM THE BOTTOM OF ALL STORMWATER MANAGEMENT AREAS PRIOR TO GRASSING. AFTER ACHIEVING A NON-ERODIBLE COVER OF GRASS, REMOVE TEMPORARY FILTER CLOTH AND GRAVEL OVER FILTERS AND REPLACE WITH NEW FILTER CLOTH AND COVER MATERIAL IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS. NOTIFY THE OWNER FOR FINAL INSPECTION.
(GRADIENT UNLESS OTHERWISE SPECIFIED BY LOCAL CODES) 2. WATER DISTRIBUTION/ WASTEWATER COLLECTION FACILITIES UNLESS OTHERWISE SPECIFIED BY THE LOCAL UTILITY COMPANIES, THE FOLLOWING ARE THE ALLOWABLE TOLERANCES FOR THESE ACTIVITIES: 4. MANHOLES AND PIPE INVERTS:	10. UPON FINAL APPROVAL FROM OWNER, REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL FACILITIES. NOTE: GENERAL NOTES AND SPECIFICATIONS SHOWN ON THIS SHEET ARE APPLICABLE TO THIS PROJECT UNLESS OTHERWISE NOTED. THE PROJECT NOTES AND PLANS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES AND SPECIFICATIONS SHOWN ON THIS SHEET.
MINIMUM ELEVATION = DESIGN GRADE - 0.05 FEET MAXIMUM ELEVATION = DESIGN GRADE + 0.05 FEET MINIMUM LINE GRADIENT = 90% OF DESIGN GRADIENT B. ALIGNMENT/ LOCATION OF APPURTENANCES: AS ALLOWED BY THE APPLICABLE UTILITY AND /OR LOCAL GOVERNMENTAL ENTITY. CONTRACTOR SHALL	DRAINAGE GENERAL NOTES: 1. CONTRACTOR SHALL MAINTAIN A CURRENT AND UPDATED SET OF AS-BUILT DRAWINGS AT ALL TIMES AND PROVIDE ONE COPY TO THE ENGINEER UPON COMPLETION OF CONSTRUCTION. 2. ALL BACKFILL SHALL BE COMPACTED IN STRICT ACCORDANCE WITH THE BEDDING DETAILS.
CONFIRM AND DOCUMENT THIS PRIOR TO CONSTRUCTION. NOTE: THE AFOREMENTIONED TOLERANCES DO NOT APPLY TO DESIGN SECTIONS THAT FALL UNDER THE MORE STRINGENT AMERICANS WITH DISABILITIES ACT (ADA) GUIDELINES. TESTING:	 CONTRACTOR SHALL COORDINATE ALL WORK IN THE COUNTY RIGHT-OF-WAY WITH THE APPROPRIATE COUNTY. ALL REINFORCED CONCRETE PIPE (RCP) CULVERTS SHALL MEET ASTM C 76, CLASS III, TYPE "B" WALL FOR ROUND PIPE AND MEET ASTM C 507, TABLE I FOR ELLIPTICAL PIPE AND OTHERWISE BE INSTALLED AND MANUFACTURED IN ACCORDANCE WITH F.D.O.T. SECTIONS 430 & 941.
THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING, COORDINATING, DOCUMENTING, AND PROVIDING THE FOLLOWING MINIMUM TESTING: <u>WATER DISTRIBUTION</u> UNLESS OTHERWISE SPECIFIED BY THE UTILITY COMPANY, THE LINES SHALL BE PRESSURE TESTED TO THE	 CONTRACTOR SHALL SOD OR SEED & MULCH ALL DISTURBED AREAS ON-SITE AND OTHERWISE RESTORE ALL AREAS TO EXISTING CONDITION OR BETTER. SOD ALL SWALE AND TREATMENT AREAS. CONTRACTOR SHALL SOD ALL DISTURBED AREAS WITHIN THE COUNTY RIGHT-OF-WAY
RATING OF THE PIPE. THE LINES SHALL BE TESTED IN SEGMENTS BETWEEN MAINLINE VALVES. BACTERIOLOGICAL TEST SAMPLES SHALL BE TAKEN AT ALL BRANCH LINE TERMINATION POINTS OR CONNECTION POINTS AND ALONG THE MAIN LINES AT DISTANCES NOT TO EXCEED 2,640 FEET. ALL HYDRANTS AND VALVES SHALL BE OPERATED TO TEST PERFORMANCE.	 8. THE GRADES REPRESENT THE FINISHED GRADE ON TOP OF THE SOD. 9. SHOP DRAWINGS ARE REQUIRED FOR ALL STRUCTURES. 10. THE PROPOSED MITERED END SECTIONS WITHIN COUNTY RIGHT OF WAY, SHALL EXTEND BEYOND THE PROPOSED EDGE OF PAVEMENT A MINIMUM OF 6-0". 11. CONTRACTOR RESPONSIBLE FOR WATERING AND MOWING OF SOD PLACED ON THE JOB SITE AND IN
WASTEWATER COLLECTION UNLESS OTHERWISE SPECIFIED BY THE UTILITY COMPANY, THE FORCE MAIN SHALL BE PRESSURE TESTED TO THE RATING OF THE PIPE. VALVES SHALL BE OPERATED TO TEST PERFORMANCE. DEPENDING UPON WATER TABLE CONDITIONS DETERMINED BY THE ENGINEER, THE GRAVITY LINES SHALL BE TESTED FOR EITHER INFILTRATION OR EXFILTRATION AND INFLOW. THE CONTRACTOR SHALL PROVIDE A VIDEO TAPE OF ALL MAIN GRAVITY LINES, ALONG WITH A LOG OF LATERAL LOCATIONS. ALL ELECTRICAL AND MECHANICAL DEVICES AT LIFT STATIONS SHALL BE TESTED TO VERIFY PROPER OPERATIONAL STATUS.	 THE ROW UNTIL ESTABLISHMENT AND FINAL ACCEPTANCE BY THE OWNER AND COUNTY. 12. CURB ELEVATIONS SHOWN ARE FOR THE LOW SIDE OF THE CURB UNLESS OTHERWISE NOTED. 13. ALL SLOPES TO BE 4:1 MAXIMUM. 14. ALL WORK SHOWN BY INDEX NO. SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS, LATEST EDITION.
MAINTENANCE MANUALS SHALL BE PROVIDED. <u>PRIVATE ROADWAY / PARKING SUBGRADE</u> THE SUBGRADE SHALL BE TESTED FOR THE LBR VALUE AT A FREQUENCY OF ONE PER 10,000 SF, DENSITY TESTS SHALL BE PERFORMED AT A FREQUENCY OF TWO PER 20,000 SF AND THICKNESS SHALL BE MEASURED AT EACH DENSITY TEST LOCATION. A PROFESSIONAL ENGINEER'S CERTIFICATION OF COMPLIANCE SHALL BE PROVIDED BY THE TESTING LAB.	 <u>GENERAL SPECIFICATIONS:</u> ALL CONSTRUCTION TO BE IN ACCORDANCE WITH FLORIDA DEPT. OF TRANSPORTATION (F.D.O.T.) STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, CURRENT EDITION. THE CONTRACTOR SHALL SUPPLY SATISFACTORY DENSITY TESTS OF SUBGRADE & LIMEROCK BASE MATERIALS TO THE ENGINEER PRIOR TO PAYMENT &/OR FINAL ACCEPTANCE. ONE TEST PER COURSE PER 600 SQUARE YARDS.
PRIVATE ROADWAY/ PARKING BASE THE BASE SHALL BE TESTED FOR THE LBR VALUE AT A FREQUENCY OF ONE PER 10,000 SF. DENSITY TESTS SHALL BE PERFORMED AT A FREQUENCY OF TWO PER 10,000 SF. A SIEVE ANALYSIS SHALL BE PERFORMED AT A FREQUENCY OF ONE PER ACRE. THICKNESS SHALL BE MEASURED AT EACH DENSITY TEST LOCATION. A PROFESSIONAL ENGINEER'S CERTIFICATION OF COMPLIANCE SHALL BE PROVIDED BY THE TESTING LAB.	 ALL REINFORCED CONCRETE PIPE (RCP) CULVERTS SHALL MEET ASTM C 76, CLASS III, TYPE "B" WALL FOR ROUND PIPE & MEET ASTM C 507, TABLE I FOR ELLIPTICAL PIPE & OTHERWISE BE INSTALLED & MANUFACTURED IN ACCORDANCE WITH F.D.O.T. SECTIONS 430 & 941. CONTRACTOR SHALL PROVIDE & MAINTAIN TRAFFIC CONTROL IN ACCORDANCE WITH F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS CURRENT EDITION & THE FEDERAL HIGHWAY ADMINISTRATION'S MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), CURRENT EDITION.
PRIVATE ASPHALT PAVING ASPHALTIC CONCRETE SHALL BE TESTED FOR THE FOLLOWING PARAMETERS: THICKNESS, SIEVE ANALYSIS MIX TYPE, STABILITY %, BITUMAN AND DENSITY. THE ASPHALT SHALL BE TESTED AT A FREQUENCY OF TWO PER ACRE. A PROFESSIONAL ENGINEER'S CERTIFICATION OF COMPLIANCE SHALL BE PROVIDED BY THE	CONTRACTOR SHALL SEED & MULCH ALL DISTURBED AREAS & OTHERWISE RESTORE ALL AREAS TO EXISTING CONDITION OR BETTER. ALL PAVEMENT STRIPING TO BE TWO COATS OF HEAVY DUTY ACRYLIC BASED TRAFFIC PAINT. ALUMINUM SIGN BLANKS: ALL SIGN BLANKS & STREET SIGNS SHALL BE FABRICATED FROM ALUMINUM SHEET CONFORMING TO ASTM SPECIFICATION B209, WITH 5052-H38 ALLOY & SHALL HAVE A
TESTING LAB. <u>PUBLIC ROADWAYS</u> AS REQUIRED BY THE ENTITY HAVING JURISDICTION, BUT NOT LESS THAN REQUIRED FOR PRIVATE ROADWAYS AS OUTLINED ABOVE. PORTLAND CEMENT CONCRETE CONCRETE SHALL BE TESTED FOR THE FOLLOWING PARAMETERS: SLUMP AND 7 AND 28 DAY COMPRESSIVE	 THICKNESS OF 0.080 INCHES. SIGN BLANK DIMENSIONS, HOLE SIZE, LOCATION OF HOLES, & CORNER RADII SHALL BE AS DEFINED IN THE U.S. DEPARTMENT OF TRANSPORTATION STANDARD HIGHWAY MANUAL, & THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. 8. SIGN POSTS: STEEL POSTS SHALL CONFORM TO THE STANDARD SPECIFICATION OF HOT-ROLLED CARBON SHEET STEEL, STRUCTURAL QUALITY. THE CROSS SECTION OF THE POST SHALL BE A SQUARE TUBE FORMED OF 14-GAUGE SQUARE GALVANIZED STELL POSTS. FULL PUNCH. POSTS TO
STRENGTH TESTS SHALL BE PERFORMED ON SAMPLES TAKEN AT THE SITE AT A FREQUENCY OF TWO PER ACRE. A PROFESSIONAL ENGINEER'S CERTIFICATION OF COMPLIANCE SHALL BE PROVIDED BY THE TESTING LAB.	BE 2" SQUARE, CAREFULLY ROLLED TO SIZE & WELDED IN THE CORNER. THE FURNISHED MEMBERS SHALL BE STRAIGHT & SHALL HAVE A SMOOTH UNIFORM FINISH. ALL SIGN POST OUTSIDE CONCRETED AREAS SHALL BE PLACED WITH HI STRENGTH CONCRETE MIX WITH MEETS OR EXCEEDS ASTM C-387 SPECIFICATIONS. EACH POST SHALL HAVE A MINIMUM OF 20 POUNDS & A MAXIMUM OF 40
RETENTION/DETENTION FACILITIES IF INCLUED WITHIN THE PROJECT, THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND PERFORM A DRAW DOWN AND CAPACITY TEST OF THE FACILITIES. THE CONTRACTOR SHALL PROVIDE SUFFICIENT WATER AND ACCEPTABLE MEANS TO MEASURE THE WATER VOLUMES PROVIDED, IF REQUIRED BY THE ENGINEER, IF A FILTRATION SYSTEM IS INCLUDED WITHIN THE PROJECT, THE FILTER MEDIA SHALL BE TESTED FOR COMPLIANCE WITH ALL CURRENT SPECIFICATIONS OF THE WATER MANAGEMENT DISTRICT. A PROFESSIONAL ENGINEER'S CERTIFICATION OF COMPLIANCE SHALL BE PROVIDED BY THE TESTING LAB.	 POUNDS OF CONCRETE PLACED AROUND EACH POST. THE TOP OF THE CONCRETE SHALL BE A MINIMUM OF 18' BELOW THE FINAL SURFACE. ALL SIGNS PLACED IN CONCRETED AREAS SHALL HAVE A 10"-12"PVC PIPE LINEE INSERT SURROUNDING THE SIGN POST. THE PVC SHALL BE FLUSH WITH THE FINAL SURFACE OF THE SURROUNDING CONCRETE & BE FILLED WITH DIRT TO SUPPORT THE SIGN. THESE SHALL NOT BE FILLED WITH CONCRETE. SIGN HEIGHT & LOCATIONS: ALL POST MOUNTED SIGNS SHALL CONFORM TO CURRENT FDOT DESIGN STANDARDS. FOR SIGN INSTALLATIONS IN RESIDENTIAL AREAS WITH NO PAVED SHOULDER, SIDEWALK OR CURB & GUTTER USE THE STANDARD BELOW FOR SIGN PLACEMENT & HEIGHTS.
 IN ADDITION TO THE ENVIRONMENTAL PROTECTION DURING CONSTRUCTION SPECIFICATIONS, THE CONTRACTOR SHALL PERFORM THE FOLLOWING IN THE ORDER LISTED: 1. PRIOR TO COMMENCEMENT, PROVIDE NOTIFICATIONS TO THE WATER MANAGEMENT DISTRICT AND LOCAL GOVERNMENT. 2. ERECT A TURBIDITY SCREEN ON ANY DOWNSTREAM SYSTEM WHICH RECEIVES RUNOFF FROM THE PROJECT. INSTALL OUTFALL CONTROL STRUCTURE AND FILTRATION SYSTEM IF INCLUDED. 	 ALL WORK SHOWN BY INDEX NO. SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS CURRENT EDITION.
3. PROVIDE A TEMPORARY FILTER CLOTH COVERED WITH GRAVEL OVER ANY PROPOSED FILTERS. 4. INSTALL A TEMPORARY TURBIDITY SCREEN AT ALL CONTROL STRUCTURES. 5. CONSTRUCT A TEMPORARY PERIMETER BERM AS NECESSARY TO DIRECT ALL RUNOFF WITHIN ANY AREA	

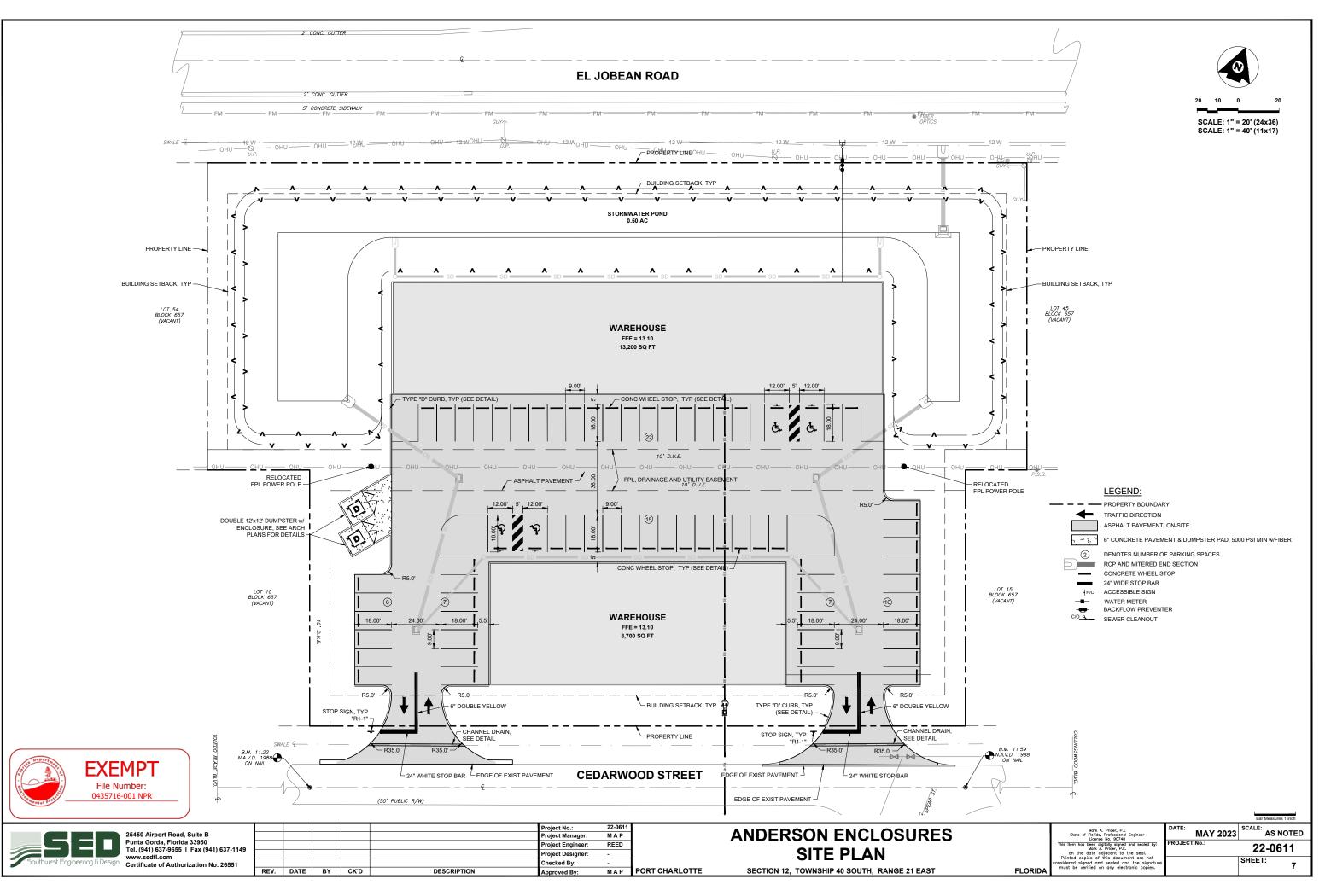
5. CONSTRUCT A TEMPORARY PERIMETER BERM AS NECESSARY TO DIRECT ALL RUNOFF WITHIN ANY AREA

			Bai Measures T Inch
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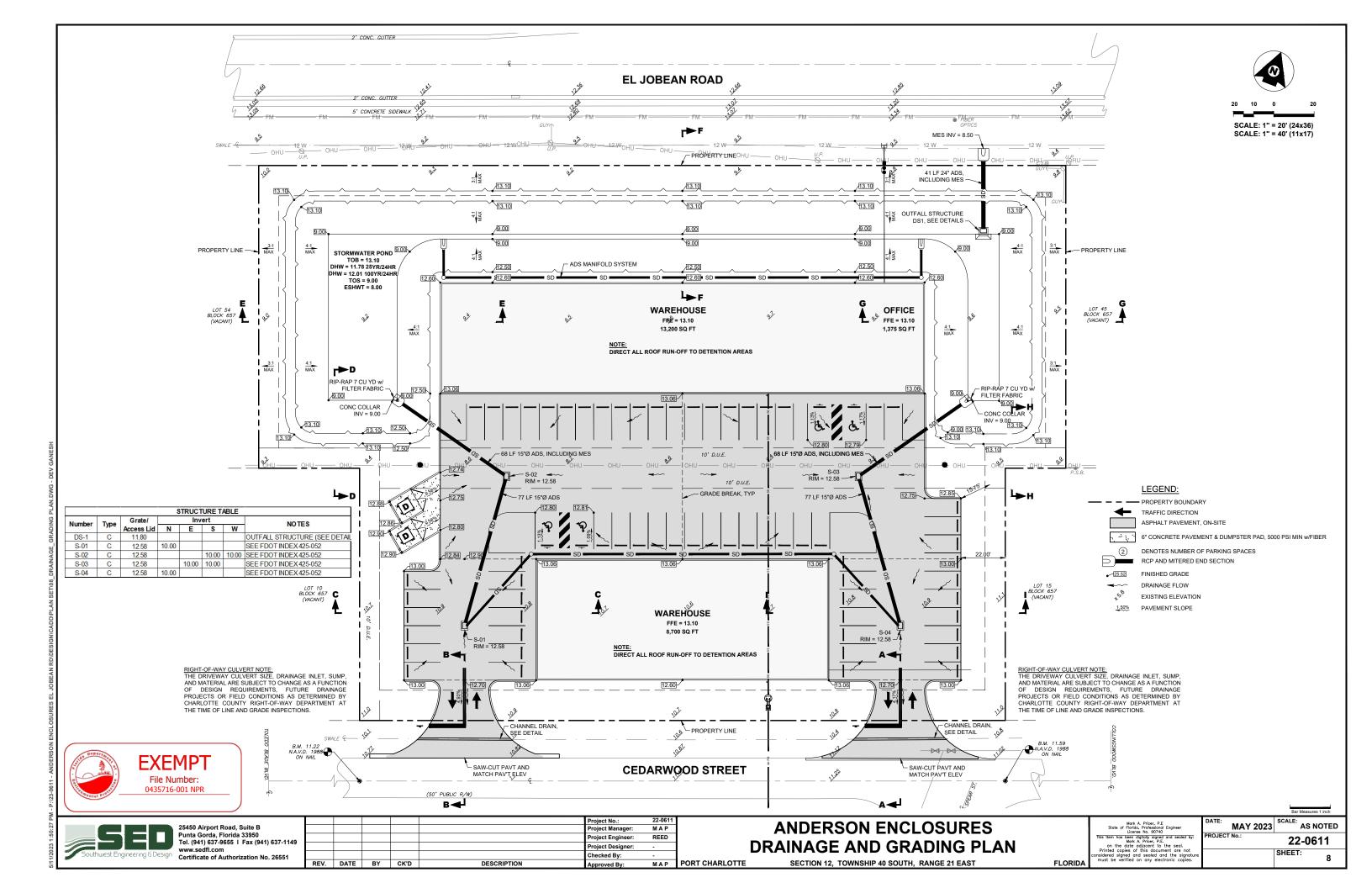


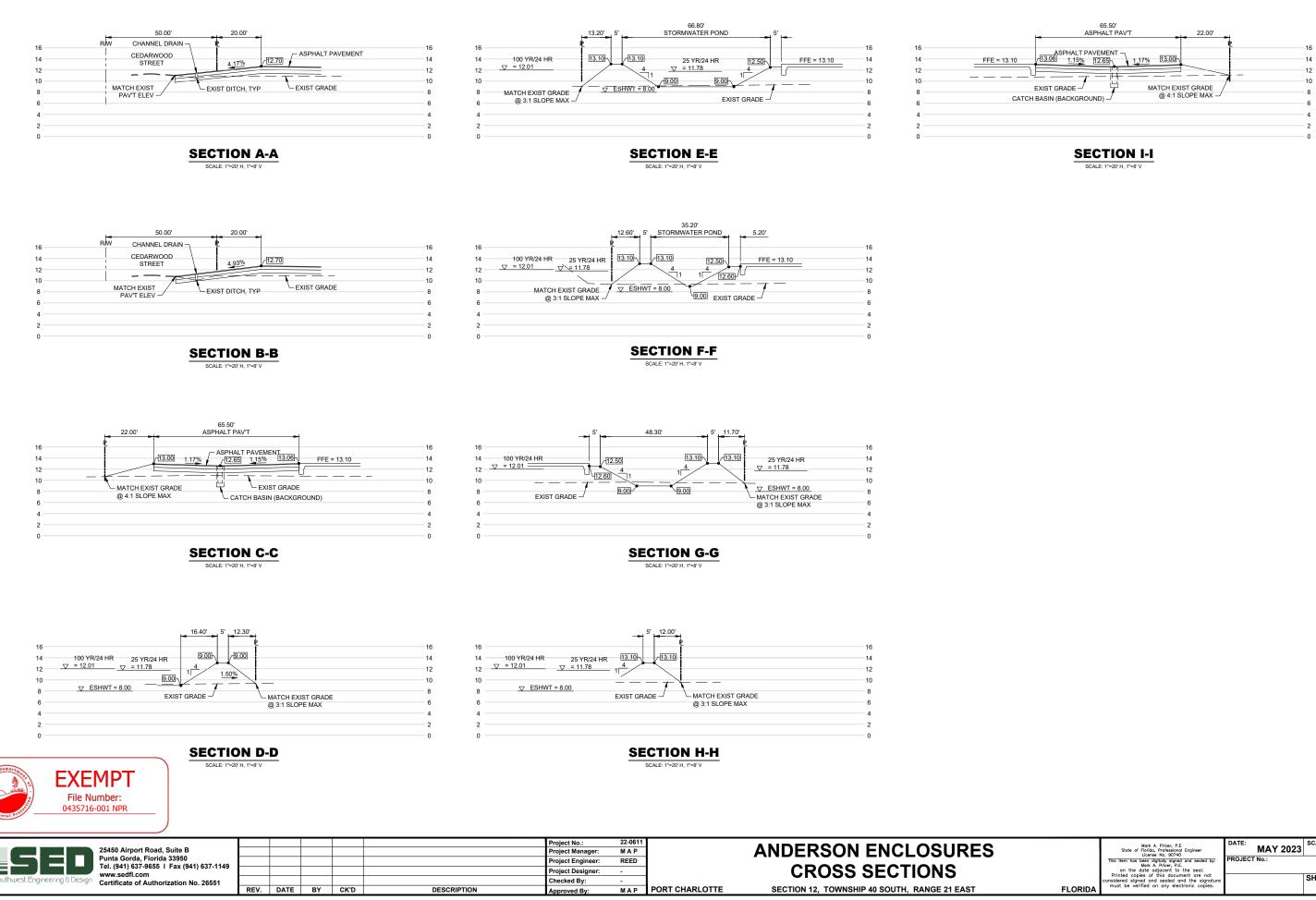






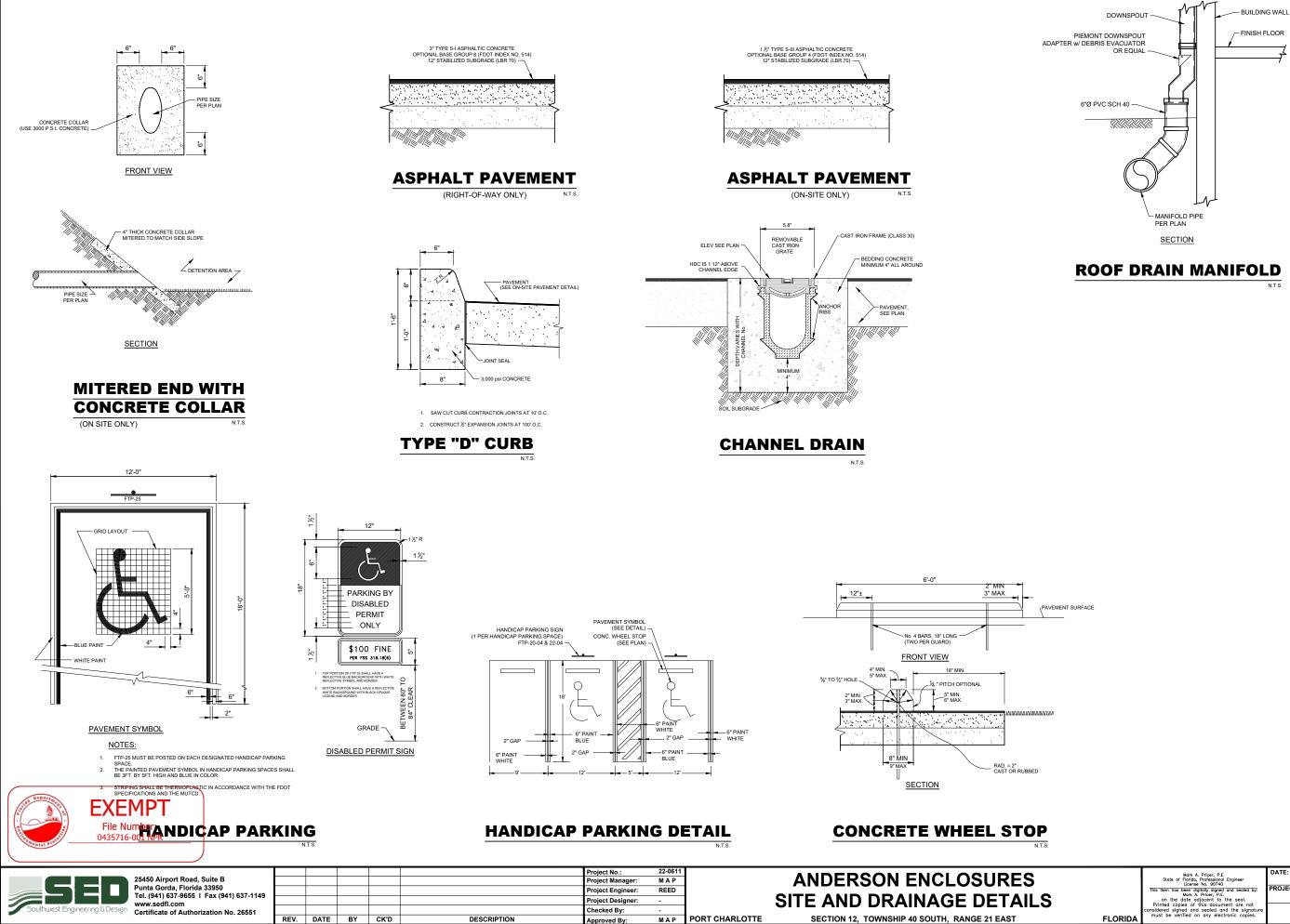
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	Mark A. Pricer, P.E State of Florida, Professional Engineer License No. 90740	DATE: MA	Y 2023	SCALE: AS	NOTED
	This item has been digitally signed and sealed by: Mark A. Pricer, P.E. on the date adjacent to the seal.	PROJECT No.:		22-0	611
FLORIDA	Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.			SHEET:	9

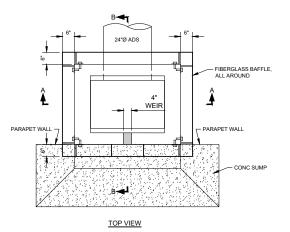
Bar Measures 1 inch

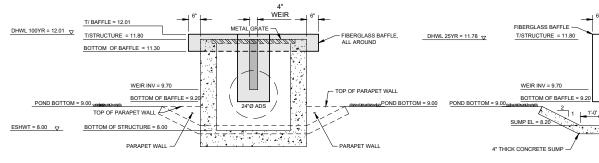


SECTION 12, TOWNSHIP 40 SOUTH, RANGE 21 EAST

	Mark A. Pricer, P.E State of Florida, Professional Engineer License No. 90740	DATE:	MAY 2023	AS NO	TED
	This item has been digitally signed and sealed by: Mark A. Pricer, P.E. on the date adjacent to the seal.	PROJECT	No.:	22-061	1
FLORIDA	Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.			SHEET:	10

Bar Measures 1 inch





SECTION A-A

OUTFALL STRUCTURE DS1

25450 Airport Road, Suite B Punta Gorda, Florida 33950						Project No.: Project Manager: Project Engineer:	22-0611 M A P REED	ANDERSON ENCLOSURES
Tel. (941) 637-9655 I Fax (941) 637-1145 www.sedfl.com						Project Designer:	-	SITE AND DRAINAGE DETAILS
Certificate of Authorization No. 26551	REV.	DATE	BY	CK'D	REARDIREIGN	Checked By: Approved By:	- MAP	PORT CHARLOTTE SECTION 12, TOWNSHIP 40 SOUTH, RANGE 21 EAST

EXEMPT File Number: 0435716-001 NPR

N.T.S.	Mark A. Pricer, P.E. State of Florida, Professional Engineer License No. 90740 This Tern has been digitally signed and sealed by: on the date adjacent to the seal. Printed copies of this document are not	DATE: MAY 2023 PROJECT No.:	Bar Measures 1 inch SCALE: AS NOTED 22-0611
N.T.S.	State of Florida, Professional Engineer	MAY 2023	SCALE:
N.T.S.			Bar Measures 1 inch
1 TYPE "C"			
	SECTION B-B		
SUMP EL = 8.20		I	
BOTTOM OF BAFFLE = 9.20	24"Ø ADS		

BAFFLE = 11.30

24"Ø ADS

COVER

WEIR INV = 9.70

POND TOP = 13.10

EROSION CONTROL NOTES

1. GENERAL

CENERAL
 THE CONTRACTOR SHALL PROVIDE ALL LABOR, EQUIPMENT, TOOLS, MATERIALS AND SERVICES NEEDED TO INSTALL ALL EROSION AND SEDMENT CONTROL MEASURES. THESE MEASURES SHALL CONTROL TO THE PLANS AND SECIFICATIONS AND ALL APPLICABLE STATE AND LOCAL REQUIRENTS.
 DENSION AND SEDMENT CONTROL BURS IN ADDITION TO THOSE PRESENTED ON THE PLANS AND OUTLINED IN THE EROSION AND SEDMENT CONTROL PLAN (ECP) OR STORWATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE MILLEVENTED AS MECESSART TO PREVENT TURIED DISCHARGES FROM FLOWING CONTO ADJACENT PROPERTIES OR ROADWATS, OFFSITE STORWAKER CONVENIENCES, OR OFFSITE RECEIVING WATERS. BWRS SHALL BE DESIGNED, INSTALLED, AND MAINTAINED BY THE SITE OFFRATOR TO ENSURE THAT OFF SITE SUFFACE WATER QUALITY REMAINS CONSISTENT WITH STATE AND LOCAL REQUILITIONS. [THE OPERATOR IS THE ENTITY THAT OWNS OR OPERATES THE PROJECT NECESSARTY TO ENSURE COMPLANCE.]
 OFF SITE SUFFACE WATER DISCHARGES WITH TURBIDITY TO EXCESS OF 29 MEHELOMETIC TURBIDITY UNITS (NITUS) BAVE BACKGROUND LEVEL SHALL BE IMMEDIATELY CORRECTED. SUCH INCIDENTS SHALL BE REPORTED TO WATER RESOURCES INTIN 24 HOURS OF THE OCCURRENCE (CHE 941.4561.1500.05, FAS: 941.4561.0986). THE

IMMEDIATED CORRECTED. SUCH INCIDENTS SHALL BE REPORTED TO WATER RESOURCES WITHIN 24 HOURS OF THE COLURRENCE (PH) 941.861.5000 FXX 941.861.1000 FXX REPORT SHALL INCLUDE THE CAUSE OF THE DISCHARGE AND CORRECTIVE ACTIONS TAKEN. d) THE OPERATOR SHALL ENSURE THAT ADJACENT PROPERTIES ARE NOT IMPACTED BY WIND EROSION, OR EMISSIONS OF UNCONFINED PARTICULATE MATTER IN ACCORDANCE WITH RULE 62-296.320(4)(C)1, F.A.C., BY TAKING APPROPRIATE MEASURES TO STABILIZE AFFECTED AREAS.

AFFECTED AREAS. © FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ENTER STORMWATER DRAINS OR WATERBODIES, OR FUEL AND OTHER PETROLEUM PRODUCT SPILLS THAT ARE IN EXCESS OF 25 GALLONS SHALL BE CONTAINED, CLEANED UP, AND IMMEDIATELY REPORTED TO WATER RESOURCES (PH: 941.861.5000; FAX: 941.861.0986). SMALLER GROUND SURFACE SPILLS SHALL BE CLEANED UP AS SOON AS PRACTICAL.

2. WETLAND PROTECTION IN AREAS OF CONSTRUCTION ADJACENT TO WETLANDS, THE FOLLOWING SHALL BE PERFORMED:

PERFORMED: 0 THE ACTUAL WETLAND AND REQUIRED BUFFERS, AS SHOWN ON THE PLANS, MUST BE ESTABLISHED AND ROPED OFF PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY ADJACENT TO SAUD AREAS.

AUJACENT TO SAID AREAS. b) PRIOR TO THE FLACEMENT OF ANY FILL MATERIAL ADJACENT TO WETLANDS OR BUFFER AREAS, A SILTATION BARRIER SHALL BE CRONSTRUCTED. o; NO RIM DIFOLING OF THE WETLANDS SHALL BE PERFORMED, WATER LEVELS IN THE WETLANDS SHALL BE WAINTAINED ACCORDING TO LEVELS EXISTING PRIOR TO SITE DISTURBANCE.

UNIUMERANCE. 0) IN AREAS OF WETLANDS IN WHICH WORK IS TO BE PERFORMED, SUCH AREAS MUST BE CLEARLY STAKED AND ROPED OFF. ALONG SUCH LIMITS, A SILTATION BARRIER MUST BE CONSTRUCTED.

BE CUNSTRUCTED.
BE CUNSTRUCTED.
BARRIERS SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF BARRIERS.
BARRIERS SHALL REWAIN IN PLACE UNTIL ALL AREAS ARE STABLIZED.
I) THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY UPON DISTURBANCE OF WETLAND AREAS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAVAGE TO ALL PROFICETED AREAS.
9) AREAS WHERE IMPACTS WILL BE PERFORMED SHALL BE STRIPPED OF EXISTING MATERIAL AND STOCKPIEDE FOR USE IN THE RE-CREATION OF THE DISTURBED AREAS OR IN LITTORAL ZONES.

3. EARTH MOVING ACTIVITIES

3. EARTH MOVING ACTIVITES 0) THE CONTRACTOR SHALL SERVICES AND THE CONTRACTOR SHALL SERVICES AND SHALL PLAN CONSTRUCTION OPERATIONS SO AS TO PREVENT ANY UNINECESSARY DESTRUCTION, SCARTING, ON DEFACING OF THE NATURAL SURROUNDINGS. EXCEPT WHERE CLEARING IS REQUIRED FOR PERMANENT WORK, FOR APPROVED CONSTRUCTION ROADS, OR FOR EXCAVATION OPERATIONS, ALL TERES, NATUE SHIRKDUNDING, SUCCEPT WHERE CLEARING IS REQUIRED FOR PERMANENT WORK, FOR APPROVED CONSTRUCTION ROADS, OR FOR EXCAVATION OPERATIONS, ALL TERES, NATUE SHIRKDUNDING, SUCCEPTATION SHALL BE PRESERVED AND SHALL BE PROTECTED FOM DAMAGE WHICH MAY BE CAUSED BY THE CONTRACTOR'S CONSTRUCTION OPERATIONS AND EQUIPHENT. b) THE FIRST STAGE OF THE EARTH MOVING ACTIVITY SHALL BE CONFINED TO THE EXCAVATION OF THE STORMWARE FACILITY. c) TORSOIL SHOULD BE TAKEN FROM THE CONSTRUCTION AREAS AND SHOULD BE STOCKPILED FOR REUSE IN FINISHED GRADING, STOCKPILES FOULD BE PLACED SO AS NOT TO ADD ANY ADDITIONAL SEDIMENT TO THE CONSTRUCTION APAS FOLLOWING EARTH d) GRADED AREAS ARET OD E SODED WITHIN THIRTY (30) DAYS FOLLOWING EARTH

) GRADED AREAS ARE TO BE SODDED WITHIN THIRTY (30) DAYS FOLLOWING EARTH

BEEN COMPLETED. 1) THE SILT COLLECTION PONDS SHOULD BE REMOVED AND/OR REGRADED FOR PERMANENT USE, AS THE FINAL GRADING AND SODDING OVERLAP THE AREA USED BY

4. FILLS a) LAND TO BE CUT OR FILLED SHOULD BE CLEARED OF TREES, STUMPS, ROOTS, BRUSH, BOULDERS, SOD AND DEBRIS. b) FILL AREAS SHOULD BE SCARIFIED, KEYED AND DRAINED

c) FILL MATERIAL SHOULD BE FREE OF SOD, ROOTS, OR OTHER DECOMPOSABLE

d) THE PLACING AND SPREADING OF FILL MATERIAL SHOULD BE STARTED AT THE LOWEST

POINT. ©) GENERALLY, A 6:1 SLOPE SHOULD BE USED UNLESS SPECIFIC ENGINEERING DATA SHOWS A STEEPER SLOPE IS STABLE. SLOPES OF 4:1 OR FLATTER ARE DESIRABLE FOR EROSION CONTROL AND MAINTENANCE. f) FILLS SHOULD BE SODDED IMMEDIATELY UPON COMPLETION OF EARTH PLACEMENT.

() MATER MANAGEMENT SYSTEMS SHOULD BE PROVIDED TO PECHNT WATER CONCENTRATION AND ERODING THE FACE OF THE SLOPE. KEEP SURFACE WATER OFF THE FACE OF THE SLOPE.

5. CUTS

5. CUIS o) DWERSIONS SHOULD BE CONSTRUCTED AT TOP OF THE SLOPES PRIOR TO CUITING OPERATIONS TO CONVEY WATER FROM FACE OF SLOPE.
b) STEEPNESS OF CUIS WILL DEPEND ON SOUL TYPE AND DESIGN; HOWEVER, CUI SLOPES OF 4:1 OR FLATTER ARE DESIRABLE FOR EROSION CONTROL AND STABILITY. c) CUT SLOPES SHOULD BE SODDED MMEDIATELY AFTER REMOVAL OF EARTH.

6. TEMPORARY SEDIMENT BASIN AND PERMANENT STORMWATER BASINS

6. TEMPORARY SEDIMENT BASIN AND PERMANENT STORMWATER BASINS
9. STEL <u>PERPARITION:</u> APEAS UNDER THE EMBANKENT AND ANY STRUCTURAL WORKS SHALL BE CLEARED, GRIBBED AND STRUED OF TABLES. IN ORDER TO FACILITATE CLEARED, AND ADDRESS AND OTHER OBJECTIONABLE MATERIALS. IN ORDER TO FACILITATE CLEAN-OUT AND RESTORATION, THE POL AFEA (MESSIED AT THE TOP OF THE SPILLWAY) WILL BE CLEARED OF ALL BRUSH AND TREES.
9. QUIT-OFF TEENCH: A CUI-OFF TERCH, WHEN POND DEPTHS ARE IN EXCESS OF DEPTHS, THE MINIUM DEPTH SHALL BE TWO FEET.
9. QUIT-OFF TEENCH: A CUIOFF TERCH, WHEN POND DEPTHS ARE IN EXCESS OF DEPTHS, THE MINIUM DEPTH SHALL BE TWO FEET. THE CUI-OFF TRENCH SHALL BE FOR FREET, BUT WIDE ENOUGH TO PERMIT OFFRATION OF EXCANTON AND COMPACTION SHALL BE FUEL SHALL BE ENOUGH TO FERMIT OFFRATION OF EXCANTON AND COMPACTION SHALL BE FUEL SHALE SAME AST HORD APPROVED BORROW AREAS, IN ORMENTIS' TO THE RISER CREST ELEVATION. THE MINIUM BOTTOM DEPTH SHALL BE TOW FREED FOR THE WBANKENT. THE TENCH SHALL BE TOW FREED FOR THE WBANKENT. THE TENCH SHALL BE TAKEN FROM APPROVED BORROW AREAS, IN OKMACTION SOIL FREE OF ROOTS. WOODY VEGETATIONS, OVER-SIZED STONES, ROCKS OR OTHER OBJECTIONABLE MATERIAL AREAS ON WHECH FILL IS DE PLACED IN SINT BE CLEARED DRIVE TO FLACED MATERIAL SHALL BE TAKEN FREED TORMAL SHALL BE DEARCH THE FULL FULL MATERIAL SHALL BE DEARCH TO THE FILL COMPACTON SHALL BE OFFICE OF PLACH LAVERES OVER HIGH FILL SOTING THALL SHALL BE DEARCH THE FULL COMPACTION SHALL BE OFFICE OF PLACH LAVERES OVER THE ENTRE LEVERTH OF THE FILL COMPACTION SHALL BE OFFICE OF PLACH LAVER TO THE FILL SOTINT OF THE UNDER THE SUFFICE OFFICE OFFI

File Number:

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d) <u>PIPE SPILUWAYS</u>: THE RISER SHALL BE SECURELY ATTACHED TO THE BARREL OF THE OUTFALL PIPE. THE BARREL AND RISER SHALL BE PLACED ON A FIRM, SMOOTH SOIL FOUNDATION. THE CONNECTION BETWEEN THE RISER AND RESER BASE SHALL BE WATERTICHT. THE FILL MATERIAL AROUND THE PIPE SPILUWAY SHALL BE PLACED IN FOUR INCH LAYERS AND COMPACTED UNDER THE SHOLUBERS AND AROUND THE PIPE TO AT LEVAL THE SMEE DENSITY AS THE ABANCENT EMBANKENT, HAND COMPACTED BACKFILL POINTEMENT. CONSTRUCTION BEFORE CROSSING IT WITH CONSTRUCTION FOURIER THE SPILE OF PIPE SPILUWAY BEFORE CROSSING IT WITH CONSTRUCTION FOURIERT. FOUIDMENT equipment. 0) <u>EROSION POLLUTION CONTROL</u>: CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION WILL BE MIMIMIZED. STATE AND LOCAL LAWS CONCERNING POLLUTION ABATEWENT SHALL BE COMPLED WITH.

GRAVEL FILTER

/. MAINTENANCE o) REPAR ALL DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION EQUIPMENT AT OR BEFORE THE END OF EACH WORK DAY. b) SEDIMENT SHALL BE REMOVED FROM SUMP AREAS. THE SEDIMENT SHALL BE PLACED IN SUCH A MANNER THAT IT WILL NOT ERODE FROM THE SITE. THE SEDIMENT SHALL NOT BE DEPOSITED DOWNSTREAM FROM THE EMBANKMENT OR IN OR ADJACENT TO A STREAM OR FLOOD PLNIN.

OR FLOOD PLAN. C) AFTER CONSTRUCTION IS COMPLETED AND AREAS ARE SODDED, MAINTENANCE IS LIMITED TO VISILAL INSPECTIONS ON A ROUTINE BASIS. ANY DAMAGE TO THE DERN STAL BE REPARED AT ONCE AND RE-SODDED. IF THE LEVEL OF WATER IS BEING MAINTAINE OVER THE EXPECTED DRAW DOWN TIME, THE OUTFALL SYSTEM SHALL BE CLEANED AND

8. TURBIDITY

TURBIDITY SHOULD BE REDUCED TO BE NO MORE THAN 29 NTU'S ABOVE BACKGROUND LEVEL PRIOR TO DISCHARGE OFF SITE.

9. BMP INSPECTIONS

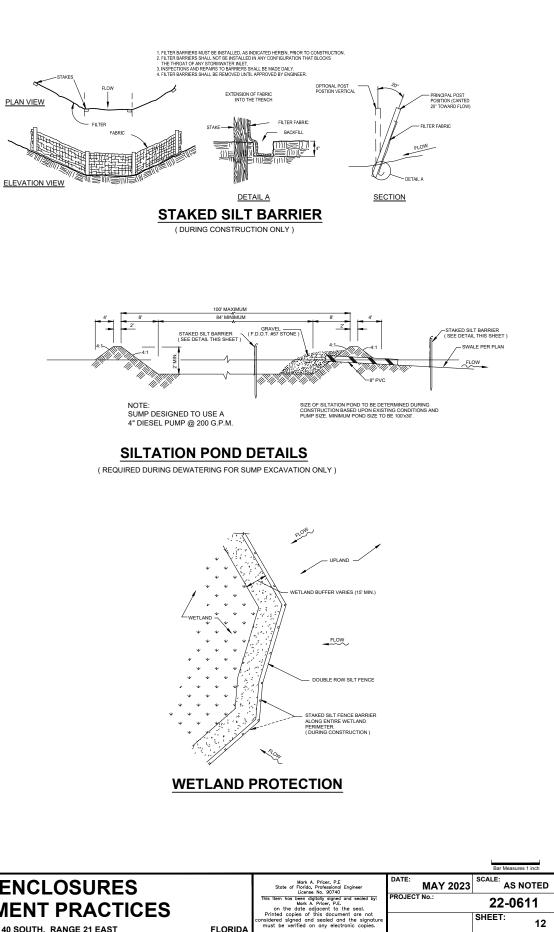
3. DMM INSPECTIONS ALL BMP MUST BE INSPECTED WEEKLY OR AFTER EVERY 0.5 INCH. OF A RAINFALL EVENT AND ALL INSPECTION REPORTS MUST BE AVAILABLE FOR INSPECTION ON SITE.

10. DISTURBING VEGETATION

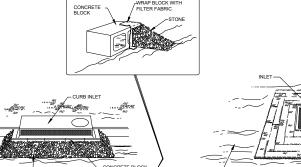
MINIMIZE THE AREA OF DISTURBED VEGETATION AS MUCH AS POSSIBLE. NATURAL VEGETATION IS A GOOD BEST MANAGEMENT PRACTICE TO REDUCE TURBIDITY.

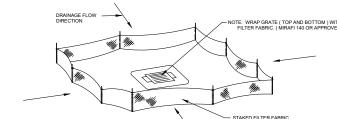
CONTRACTOR MUST FILE FOR A FDEP NOTICE OF INTENT (NOI) FOR CONSTRUCTION GENERAL PERMIT AND A NOTICE OF TERMINATION (NOT) WITHIN 14 DAYS OF CONSTRUCTION COMPLETION.

- SOD 2' MINIMUM AL

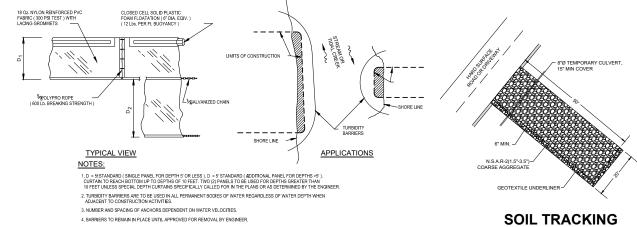


FLORIDA



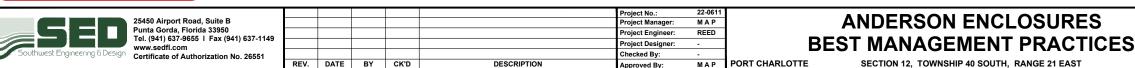


PROTECTION OF INLETS

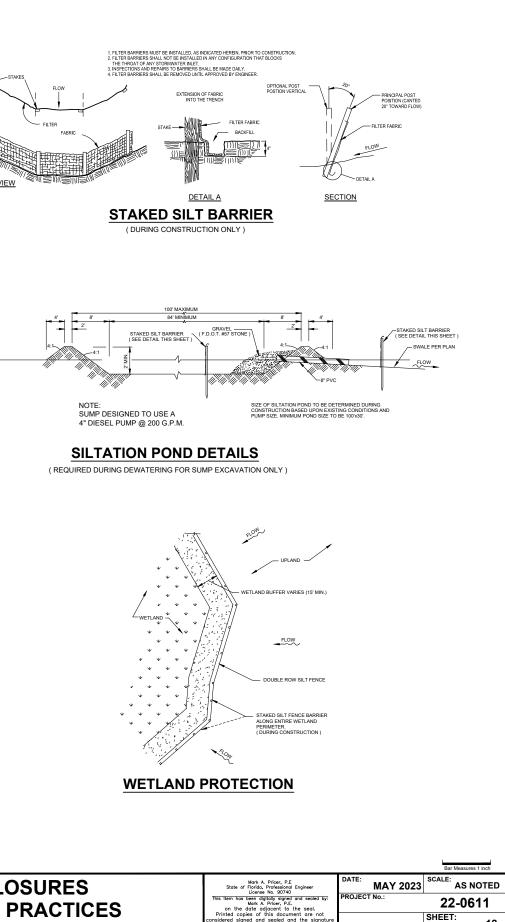


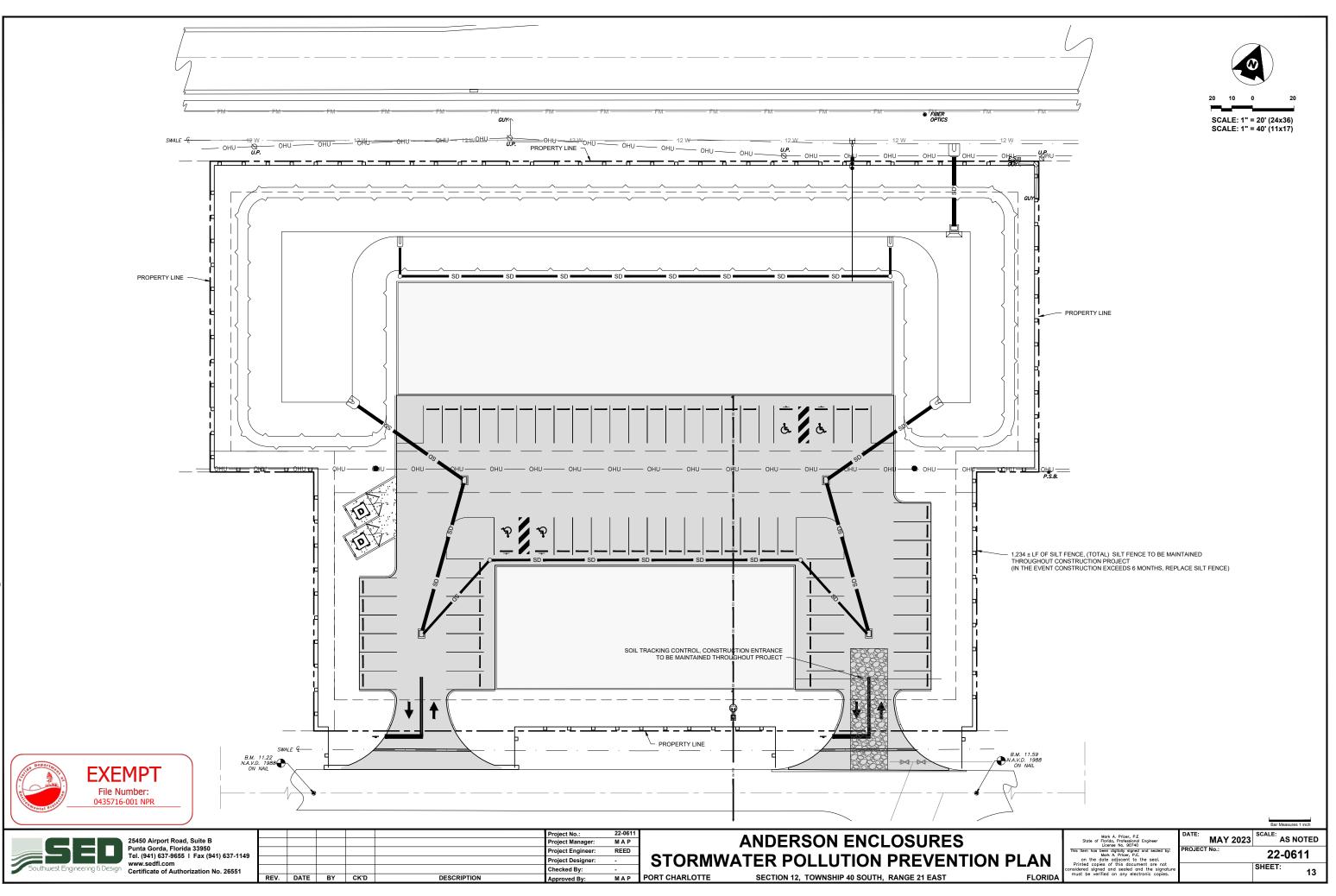
FLOATING TURBIDITY BARRIER

CONTROL DETAIL



NOTE: WRAP GRATE (TOP AND BOTTOM) WITH FILTER FABRIC. (MIRAFI 140 OR APPROVED





Information Required for a WOTUS Determination in State-assumed Waters

I. General Information

The following information is necessary if an applicant is requesting that the Department perform a Waters of the United States (WOTUS) jurisdictional determination pursuant to the Navigable Waters Protection Rule (<u>40 C.F.R. 120</u>) during review of a State 404 Program permit application, a Formal Determination under Chapter 62-340, F.A.C., or a request for verification that no permit is required under the State 404 Program. This form is provided as a service to applicants and petitioners. Use of the form may assist efficient review.

II. Findings

A. Summary

Check all that apply. At least one box from the following list MUST be selected. Complete the corresponding sections/tables and summarize data sources.

- The review area is comprised entirely of dry land (i.e., there are no waters or water features, including wetlands, of any kind in the entire review area).
 Rationale: (N/A or describe rationale)
- □ There are "waters of the United States" within Clean Water Act jurisdiction within the review area (complete appropriate tables in Section II.B).
- There are waters or water features excluded from Clean Water Act jurisdiction within the review area (complete table in Section II.C)

B. Clean Water Act Section 404 Jurisdiction (40 C.F.R. 120)

Please expand tables or use additional sheets as needed. Include measurement units in size column (acres, linear feet, etc.).

Traditional Navigable Waters ((1)(i) waters)

(1)(i) Name	(1)(i) Size	(1)(i) Criteria	Rationale for (1)(i) Determination

Note: All Territorial Seas and any Traditional Navigable Water (TNW) listed in Appendix B of the 404 Handbook (Retained Waters List) are not assumable under the State 404 Program. If your project site contains or borders one of these waters and you are proposing or plan to propose dredge or fill activities in adjacent wetlands or other surface waters within 300 feet of the mean high tide line or ordinary high water mark, please apply to the US Army Corps of Engineers (USACE) for a permit or jurisdictional determination under Section 404 of the Clean Water Act.

Authority: The Department does not have authority to determine whether a waterbody is a TNW and must rely on USACE determinations. All waters listed in Appendix B of the 404 Handbook are TNWs. A TNW may also be any waterbody not listed in Appendix B of the 404 Handbook that has been previously designated as a TNW in a USACE-issued Approved Jurisdictional Determination (AJD).

Tributaries ((1)(ii) waters)

(1)(ii) Name	(1)(ii) Size	(1)(ii) Criteria	Rationale for (1)(ii) Determination

Lakes and ponds, and impoundments of jurisdictional waters ((1)(iii) waters)

(1)(iii) Name	(1)(iii) Size	(1)(iii) Criteria	Rationale for (1)(iii) Determination

Adjacent wetlands ((1)(iv) waters)

(1)(iv) Name	(1)(iv) Size	(1)(iv) Criteria	Rationale for (1)(iv) Determination

C. Excluded Waters or Features

Excluded waters ((2)(i) - (2)(xii))

Name	Size	(2) Exclusion	Rationale for Exclusion Determination
Wetland 1	0.15 Acres	Isolated System	The on-site wetland is considered an isolated system, and is not hydrologically connected to any other off-site tributaries. There is no surface water connection with any DOT ditches or other nearby wetlands.

III. Supporting Information

A. Resources Used

Select/enter all resources that were used to aid in this determination and attach data/maps to this document and/or references/citations in the administrative record, as appropriate.

- □ Information submitted by, or on behalf of, the applicant/consultant (Title(s) and date(s)):
- Current 62-340, F.A.C. delineation:
- Aerial photographs:
- □ Other photographs:
- Previous WOTUS jurisdictional determinations (Corps PJD or AJD/Department WOTUS determination):
- Previous or current 62-340, F.A.C. formal jurisdictional determination:
- Antecedent Precipitation Tool (provide detailed discussion in Section III.B.):
- USDA NRCS Soil Survey (Title(s) and/or date(s)):
- USFWS NWI maps (Title(s) and/or date(s)):
- USGS topographic maps (Title(s) and/or date(s)):

Other data sources used to aid in this determination:

Data source	Name and/or date and other relevant information
USGS Sources	
USDA Sources	
NOAA Sources	
USACE Sources	
State/Local/Tribal Sources	
Other Sources	Protected Species Assessment – Wetland Linework

B. Typical Year Assessments

N/A. No monitoring reports or history of monitoring reports have been completed for this on-site wetland.

C. Additional comments to support the WOTUS jurisdictional determination

N/A

IV. Agency Approval [For Internal Agency Use Only]

This State 404 Program WOTUS Information Form was reviewed and approved by the following Department Certified Wetland Evaluator(s) (CWE):

Matthew Erb

Name of CWE

11/15/2023

Approval Date

11/8/2023

Field Review Date(s)

Name of CWE

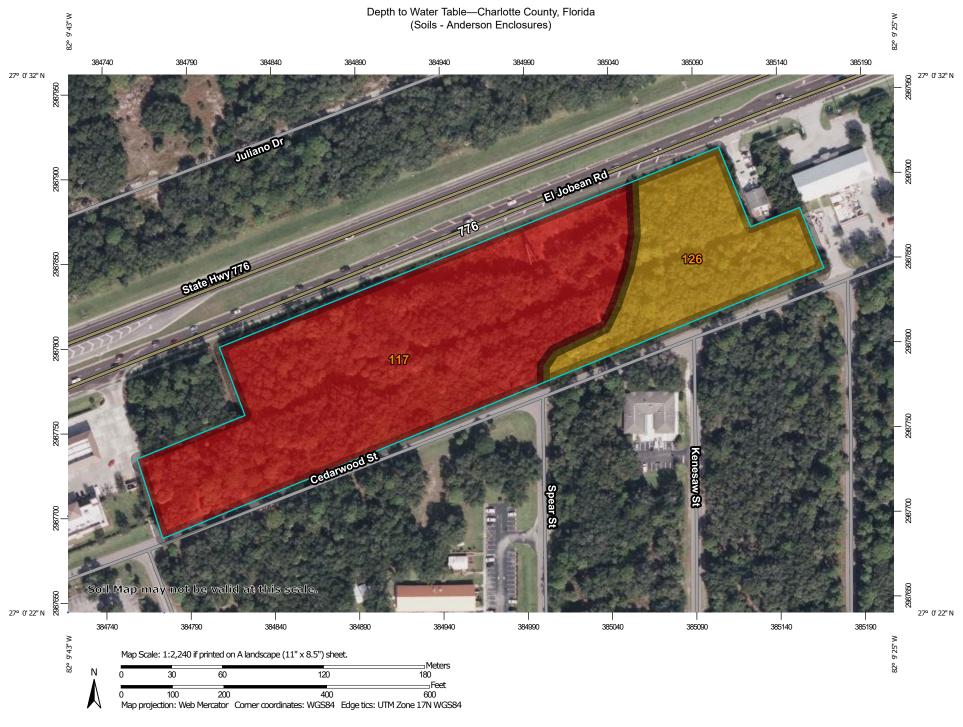
Approval Date

Field Review Date(s)

Disclaimer: This form is only intended to assist the Florida Department of Environmental Protection in administering their approved state Clean Water Act Section 404 program. This form is not a "jurisdictional determination" or "approved jurisdictional determination" as defined and governed by the U.S. Army Corps of Engineers' regulations per 33 C.F.R. § 331.2. This form is not binding on the federal government. The U.S. Environmental Protection Agency has final authority to construe the jurisdictional term "waters of the United States" under the Clean Water Act.







USDA Natural Resources Conservation Service Web Soil Survey National Cooperative Soil Survey



U.S. Fish and Wildlife Service **National Wetlands Inventory**

NWI Map - 1464 El Jobean Road



June 28, 2023

Wetlands_Alaska

- Estuarine and Marine Wetland

Estuarine and Marine Deepwater

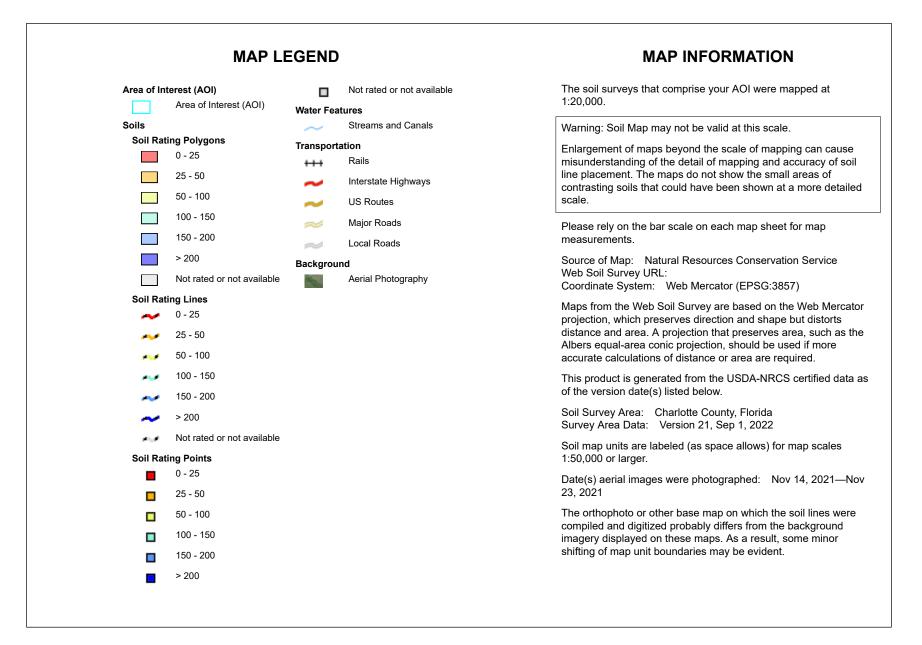
- **Freshwater Pond**

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Lake Other Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



USDA

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
117	Isles fine sand, flooded- Urban land complex, 0 to 1 percent slopes	0	6.1	73.5%
126	Oldsmar fine sand, limestone substratum- Urban land complex, 0 to 2 percent slopes	30	2.2	26.5%
Totals for Area of Intere	est	8.4	100.0%	

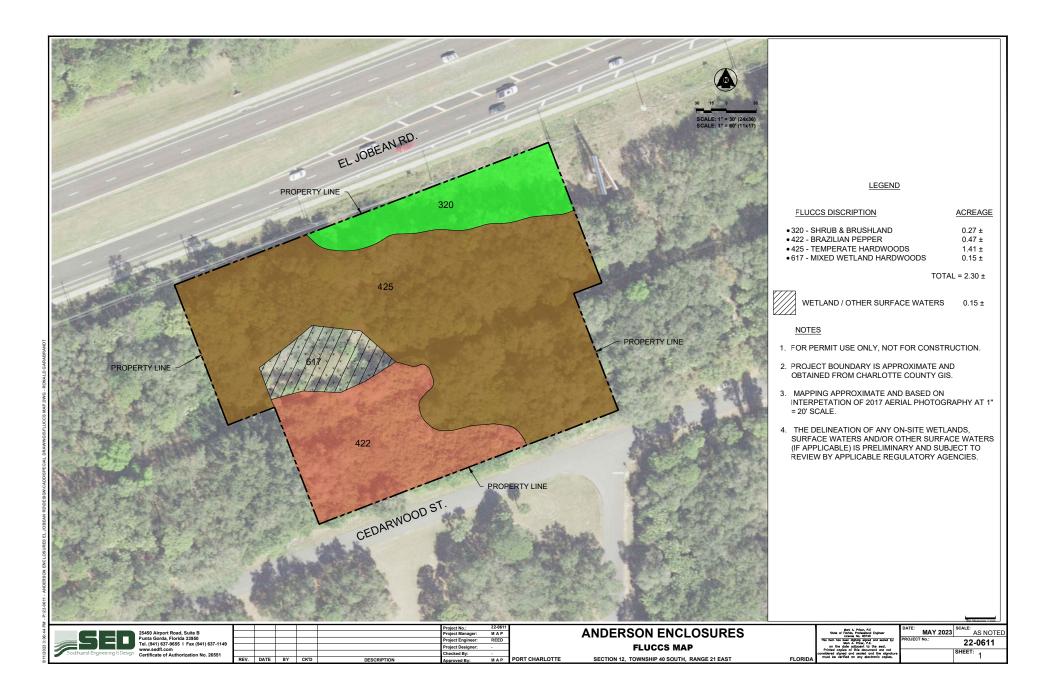
Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters Aggregation Method: Dominant Component Component Percent Cutoff: None Specified Tie-break Rule: Lower Interpret Nulls as Zero: No Beginning Month: January Ending Month: December



cm	$\begin{array}{c c c c c c c c c c c c c c c c c c c $						15 Senote	s the Rule, s graph, or sub	subsection,
FD	EP SLERC August 2019 Cha	apter	62-34	0, F.A.C.	. Data For	m	referenced f		
1.	1. Date: 11/8/2023 2. Staff Present: Matthew Erb 3. Form recorder(s): ME								
4. (4. County: Charlotte (8) 5. Site Name: T&K El Jobean LLC Tracking #: 0435716-001								
6. I	Point ID: Point A			GPS Coo	rdinates: 27°00		82°09'33.3	"W	
7.	Distances and bearings from fixed obje	ects (if r	o GPS):						
8. (Current condition of described point:	Authoria	rized or l	egal conditio	n OUnautho	orized or	illegal cond	ition	
9. \	Nork type: Identification 	OD	elineatio	า					
	Point status: OWetland O	Non-W	/etland S	urface Wate	r 💿 Upla	and			
10	Vegetative Stratum §62-340.400:								
	appropriate vegetative stratum. (Do			•		-			
	● Canopy (Min. 10% areal extent)			•	•		dcover (N	o min. area	al extent)
	○ Vegetation Absent (skip to #14)			-		/hy?			
	. Plant List §62-340.200(2),(6),(16), §			•				eal extent	
	is under current conditions, withou		-					estimator:	
	ect and identify plants in an area just la not extend into different communities				i classify the pi		-		
	Record the scientific name (binomial	-		rd the perce	nt areal		ach specie um select		
	and status of <u>each</u> plant species	, ,	exter	nt in the cano	ору,	the n	umbers fro	om <u>only tha</u>	
	necessary to identify/delineate and c				groundcover		<u>ım's colum</u>		
	the plant community in the selected a			nns for each			opriate stat		
#	Binomial of Observed Species			Subcanopy	Groundcover	Upland		Fac. Wet	Obligate
	Sabal palmetto	F	20		40		20		
2.	Quercus virginiana	U	60			60			
3.	Urena lobata	U			25				
4.	Callicarpa americana	U			15				
5.	Vitus rotundifolia	F			10				
6.									
7.									
8.									
9.									
10.									
11.									
12.									
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									
	Percent areal extent totals for th	e stratu	im selec	ted in questi	ion 10	60	20	0	0
12	. In the stratum selected in #10: Wha	at is the	% area	extent of O	bligate plants?	? 0		•	
	What is the % areal extent of Uplar				0		-		
	Is the areal extent of Obligate plant	•			d plants?	⊖Yes	No		
13.	In the stratum selected in #10: What i	•		•	•	ultative \	Net plants	combined	? 0
	What is the total % areal extent of C				•		•	-	
		-) 0.0%	
L	What is the percentage of OBL + FACW in relation to all plants, excluding FAC? (<u>OBL+FACW+UPL</u>)0.0%								

Form 62-330.201(1) - Chapter 62-340, F.A.C. Data Form Incorporated by reference in subsection 62-330.201(1), F.A.C. (Dec. 22, 2020) Page 1 of 6

Point	ID/Loca	tion: 27	7°00'27.0"I	N 82°09'3	3.3"W			Soil describer: ME
14. LF	R/MLR	A	U		Fextures: Peat,	Mucky Peat, M	Muck, Mucky Mineral (S or F), Sand, Fine, Marl
15. ls	a soil pr	ofile ev	aluation po	ossible?	⊂Yes ⊂No	If no, why?		(If No , skip to #18)
	oil Desc							legality of any alterations
Soll su	irface, o	r U inch	depth for p		Deceribe coil f			ace (whether natural or fill) (areas lighter than matrix),
Horizon	beginning to ending Depth (inches)	Matrix Texture	moist condition Matrix Hue Value/ Chroma	for sandy matrix horizons v value ≤ 3 % Organi Coating	RC (redox conc horizon; bound - OB (organic boo - H ₂ S (hydrogen	entrations): Reco laries (sharp/clea dies): Record tex sulfide odor): Indi is Physically M i:	rd in moist condition hue v ar/diffuse); shape (rounded ture (muck or mucky mine icate shallowest depth whe	alue/chroma; % volume in //linear/angular). ral), % volume in horizon.
1	0-8+	S	10YR 6/2		DA: 10YR 5/2 DA2: 10YR 3	-		
2								
3								
4								
5								
6								
		il Field				1		nd specify their beginning
(A1) (A2) (A3) (A4) (A5) (A6) (A7) (A8) (A9)	Image: Construct of the state of the st							
<u> </u>) Deplete) Thick [v Dark Surf face		Stand-alone D Test - and hydrologic indica	•	To combine layers/indica requirements, see NRCS	tors to meet thickness S Hydric Soils Technical Note 4.
 18. Excluding organic horizons, is any nonsoil horizon present at or within the uppermost 12 inches of the ground surface? Yes (e.g. bedrock, rock outcrop, limestone fill, gravel, etc) No Soil profile or site inaccessible 19. Is one or more hydric soil field indicators present? Yes No Inconclusive (e.g., evaluation to 12+ inches impeded by disturbance, water, nonsoil, no site access, etc.) Yes Which method(s)? (e.g., hydric soil definition, HSTS², indicator present at drier elevation, indicator would be present but for disturbance) 20. Is the depth of the soil profile 20 inches or greater from the soil surface? Yes Yes Yes No 								
	If no, depth of soil profile is: 8 inches Why? (e.g., root refusal, nonsoil, water table, loose sand, heavy texture, compaction, weather conditions, inspection interrupted)							
•	-				water from soil s	•		Below • Not Observed
Form 62	Form 62-330.201(1) - Chapter 62-340, F.A.C. Data Form Incorporated by reference in subsection 62-330.201(1), F.A.C. (Dec. 22, 2020) Page 2 of 6							

Point ID/Location: 27°00'27.0"N 82°09'33.3"W Indicator evaluator:						
22. Hydrologic Indicators: As is under current conditions, without considering RSJ ¹ or the legality of any alterations						
Hydrologic Indicators per §62-340.500, F.A.C. (and as applied to §62-340.600, F.A.C.)	Present at or near point	Predicted during normal high water or wet season◆	Within 100 ft waterward of point (not for upland points)	 Describe the type of all checked indicators. Approximate the distance and compass direction of indicators within 100 ft of the point. For water level indicators (potential indicators denoted by *) note the height from ground surface at the point as well as waterward (with distance from point). Only for indicators not present due to dry season/drought 		
(1) Algal mats*						
(2) Aquatic mosses or liverworts*						
(3) Aquatic plants*						
(4) Aufwuchs*						
(5) Drift lines and rafted debris*						
(6) Elevated lichen lines*						
(7) Evidence of aquatic fauna						
(8) Hydrologic data*						
(9) Morphological plant adaptations*						
(10) Secondary flow channels						
(11) Sediment deposition*						
(12) Tussocks or hummocks*						
(13) Water marks*						
Highest water level indicator heigh	t at point	:inc	choc	bove Ground SurfaceNo Water Level Indicatorsbove Soil SurfaceN/A (described point is Upland)		
				, F.A.C. present or predicted with normal high water or No ○ Evaluation Impossible ← Why?		
24. Delineation by Wetland Definition §62-340.300(1), F.A.C. As is under current conditions, without considering RSJ ¹ or the legality of any alterations: a) Has a wetland boundary been delineated at the described point? Yes b) If yes to 24a, can the boundary be easily delineated using the definition of wetlands?						
in that stratum? (See #12) O Yes	without of ants in th s	consideri e stratum ⊖Vegeta	ng RSJ¹ d selected i ation Abse	or the legality of any alterations: n #10 greater than the areal extent of all Upland plants ent (skip to #25f) 〇Evaluation Impossible (skip to #26a)		
b) Is the areal extent of Obligate an 80% of all the plants in that strat			•	in the stratum selected in #10 equal to or greater than ants? (See #13)		
c) Is the soil hydric as identified us ○Yes ●No ○Indetermina	-					
 d) Is the substrate composed of rive within an artificially created wetla 		•		ck outcrop-soil complex, or is the substrate located yes, which condition is present?		
e) Is one or more of the hydrologic in	dicators in	n §62-340.	.500, F.A.C	c. present at the described point? (See #23) ○Yes ● No		
f) Are the A Test criteria met per §62-340.300(2)(a), F.A.C. at the described point? OYes ONo (Note: If yes to 25a and yes to either 25c, 25d, or 25e, A Test criteria are met)						
g) Are the B Test criteria met per §62-340.300(2)(b), F.A.C. at the described point? O Yes No (Note: If yes to 25b and yes to either 25c, 25d, or 25e, B Test criteria are met)						
Test is more appropriate?	h) Are there any alterations or conditions affecting reliable application of the A or B Test such that the Altered Sites Test is more appropriate? O Yes O No					
Form 62-330.201(1) - Chapter 62-340, F.A.C.	Data Form	Incorpora	ited by refere	nce in subsection 62-330.201(1), F.A.C. (Dec. 22, 2020) Page 3 of 6		

Point ID/Location: 27°00'27.0"N 82°09'33.3"W
26. C Test Wetland Criteria §62-340.300(2)(c), F.A.C.
As is under current conditions, without considering RSJ ¹ or the legality of any alterations:
a) Per §62-340.300(2)(c), F.A.C. is the described point Pine Flatwoods or Improved Pasture, or does it have
drained soils? O Yes O No If yes, select which of the following are met, then skip to #26d
🗌 Pine Flatwoods 🔄 Improved Pasture 🔄 Drained Soils
Pine Flatwoods must have flat terrain, a monotypic or mixed canopy of long leaf pine or slash pine, and a ground cover dominated by saw palmetto with other species that are <u>NOT</u> obligate or facultative wet. Improved Pasture means areas where the dominant native plant community has been replaced with planted or natural recruitment of herbaceous species which are <u>NOT</u> obligate or facultative wet species and which have been actively maintained for livestock through mechanical means or grazing. Drained Soils are those in which permanent alterations, <u>excluding mechanical pumping</u> , preclude the formation of hydric soils.
 b) Are the soils at the described point saline sands (salt flats-tidal flats), or have they been field verified by NRCS's Keys to Soil Taxonomy (4th ed. 1990) as Umbraqualfs, Sulfaquents, Hydraquents, Humaquepts, Histosols (except Folists), Argiaquolls, or Umbraquults? ○Yes ● No
c) Do the soils at the described point have a NRCS hydric soil field indicator (see #17), <u>and</u> is the point located within a map unit named or designated by the NRCS as frequently flooded, depressional, or water?
Map Unit: ○Yes ●No ○Inconclusive ← Why? (skip to #27a)
 d) Are the C Test criteria met per §62-340.300(2)(c), F.A.C. at the described point? O Yes No (Note: If no to 26a and yes to either 26b or 26c, C Test criteria are met)
e) Are there any alterations or conditions affecting reliable application of the C Test such that the Altered Sites Test is more appropriate? O Yes O No
27. D Test Wetland Criteria §62-340.300(2)(d), F.A.C.
As is under current conditions, without considering RSJ ¹ or the legality of any alterations:
a) Is the soil hydric as verified by a NRCS hydric soil field indicator? (See #17)
$\bigcirc Yes \qquad \bigcirc No (skip to #27d) \qquad \bigcirc Inconclusive ← Why? (skip to #28)$
b) Does any NRCS hydric soil field indicator begin at the soil surface <u>or</u> are any of the following indicators present :
A1, A2, A3, A4, A5, A7, A8, A9, S4, F2? OYes ONo (If yes, then hydrologic indicator §62-340.500(8) or (11) is met)
c) Is one or more of the hydrologic indicators in §62-340.500, F.A.C. present at the described point? (See #23) C Yes C No
 d) Are the D Test criteria met per §62-340.300(2)(d), F.A.C. at the described point? O Yes O No (Note: If yes to 27a and yes to either 27b or 27c, D Test criteria may be met)
e) Are there any alterations or conditions affecting reliable application of the D Test such that the Altered Sites Test is more appropriate? O Yes O No
28. Altered Sites Tests §62-340.300(3), F.A.C. (Legal/Authorized or Illegal/Unauthorized)
For purposes of Chapter 62-340, F.A.C. altered refers to any natural or man-induced condition(s) which masks or eliminates reliable expression of wetland indicators (i.e. hydrophytic vegetation, hydric soils, and hydrologic indicators). Unaltered or normal does not require a natural condition , only an expression of wetland indicators that is sufficient to reliably identify or delineate the wetland using the criteria in §62-340.300, F.A.C.
Are alterations affecting normal wetland condition? O Yes O No (<i>skip to #32</i>) O Evaluation Impossible (<i>skip to #32</i>)
29. Authorized or Legally Altered Vegetation and Soils Test Criteria §62-340.300(3)(a), F.A.C.
a) Are there authorized or legal alterations affecting <u>reliable</u> expression of vegetation at the described point?
b) Are there authorized or legal alterations affecting <u>reliable</u> soil evaluation at the described point? O Yes O No If yes, how? (If no to both 29a and 29b, skip to #30)
c) If yes to 29a or 29b, which criteria tests are affected by the legal alterations?
d) Using the most reliable available information and reasonable scientific judgment, would the types of evidence and characteristics contemplated in §62-340.300, F.A.C. identify or delineate the described point as a wetland with cessation of the legal altering activities? Ores ONo If no, why? (If no, skip to #30)
e) If yes to 29d, what §62-340.300, F.A.C. evidence is present now and/or will be present in the future with cessation of legal altering activities? Plants Soils Hydrologic indicators
 f) If yes to 29d, which tests would be passed with cessation of legal altering activities? Wetland Definition A Test B Test C Test D Test Why?

Point ID/Location: 27°00'27.0"N 82°09'33.3"W
30. Authorized or Legally Altered Hydrology Test Criteria §62-340.300(3)(b), F.A.C. a) Has wetland hydrology of the area been legally drained or lowered? OYes ONo (<i>If no, skip to #31</i>) If yes, how?
b) Has wetland hydrology been legally eliminated at the described point? OYes ONo (If no, skip to #31)
c) If yes to 30b, using reasonable scientific judgment or §62-340.550, F.A.C., have dredging or filling activities authorized by Part IV of Chapter 373, F.S. permanently eliminated wetland hydrology at the described point such that the wetland definition cannot be met? OYes (point is upland) ONo (<i>If yes, skip to #31</i>) <i>Chapter 373, F.S. Part II activities (e.g., water use permits) or other temporary hydrologic alterations</i>
(e.g., surface water pumps, drought) do not apply to this or any other Ch. 62-340, F.A.C. determinations.
d) If no to 30c, what §62-340.300, F.A.C. evidence is present now and/or will be present in the future with cessation of temporary hydrologic drainage?
e) If no to 30c, Which tests would be passed with cessation of temporary hydrologic alterations?
☐ Wetland Definition ☐ A Test ☐ B Test ☐ C Test ☐ D Test Why?
31. Unauthorized or Illegally Altered Sites Test Criteria §62-340.300(3)(c), F.A.C.
If the altering activity is a violation of regulatory requirements, then application of §62-340.300(3)(c), F.A.C. and all provisions of Chapter 62-340, F.A.C. are utilized to identify or delineate the wetland in a forensic manner. This identification or delineation reflects the condition immediately prior to the unauthorized alteration .
a) Have any unauthorized alterations affected the normal wetland condition at the described point? OYes ONo If yes, how? (If no, skip to #32)
 b) If yes to 31a, which criteria tests are affected by the unauthorized alterations? A Test B Test C Test D Test
c) With reasonable scientific judgment is the described point a wetland, or would it have been a wetland immediately prior to the unauthorized alteration? OYes ONo If no, why? (If no, skip to #32)
d) If yes to 31c, what §62-340.300, F.A.C. evidence is present now and/or was present immediately prior to the unauthorized alteration?
e) If yes to 31c, which tests would be passed immediately prior to the unauthorized alteration? Uetland Definition A Test B Test C Test D Test Why?
32. Wetland and Other Surface Water Summary §62-340.600(2)(a-e), F.A.C.:
Given normal expression, cessation of authorized alterations, or immediately prior to any unauthorized alterations:
a) With reasonable scientific judgment is the described point a wetland as defined in §62-340.200(19), F.A.C. and located by Ch. 62-340, F.A.C.? O Yes O No If yes, which criteria identified or delineated the wetland?
🗌 Wetland Definition 🔄 A Test 📄 B Test 📄 C Test 📄 D Test
If summary answers differ from answers in 25f, 25g, 26d, or 27d, why?
 b) Is the described point located at or within the Mean High Water Line of a tidal water body? Yes No MHWL Unknown
 ○ Yes ● No ○ MHWL Unknown c) Is the described point located at or within the Ordinary High Water Line of a non-tidal natural water body or natural
 Yes No MHWL Unknown c) Is the described point located at or within the Ordinary High Water Line of a non-tidal natural water body or natural watercourse? Yes No d) Is the described point located at or within the top of the bank of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes of 1 foot vertical to 4 feet horizontal or <u>steeper</u>, excluding spoil banks when the canals and ditches have resulted from excavation into the ground? Yes No
 Yes No MHWL Unknown c) Is the described point located at or within the Ordinary High Water Line of a non-tidal natural water body or natural watercourse? Yes No d) Is the described point located at or within the top of the bank of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes of 1 foot vertical to 4 feet horizontal or steeper, excluding spoil banks when the canals and ditches have resulted from excavation into the ground? Yes No e) Is the described point located at or within the Seasonal High Water Line of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes <u>flatter</u> than 1 foot vertical to 4 feet horizontal or an artificial water body created by diking or impoundment above the ground? Yes No 33. Connection or Isolation of Wetland per Applicant's Handbook Vol.1 Section 2.0
 Yes No MHWL Unknown c) Is the described point located at or within the Ordinary High Water Line of a non-tidal natural water body or natural watercourse? Yes No d) Is the described point located at or within the top of the bank of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes of 1 foot vertical to 4 feet horizontal or <u>steeper</u>, excluding spoil banks when the canals and ditches have resulted from excavation into the ground? Yes No e) Is the described point located at or within the Seasonal High Water Line of an artificial lake, borrow pit, canal, ditch, or other type of artificial water body or watercourse with side slopes <u>flatter</u> than 1 foot vertical to 4 feet horizontal or an artificial water body created by diking or impoundment above the ground? Yes No

Point ID/Location: 27°00'27.0"N 82°09'33.3"W							
34. Photographs and/or videos: Soil profile with Data Form, Soil profile close-up, Cross section(s) at 6" depth for sandy textures and/or critical depths for fine textures, Hydric soil indicators, Water table or inundation depth, Four cardinal directions of plant strata present, Hydrologic indicators (with scale as necessary), Critical plant ID (optional)							
#	Memory Card # / Metadata	Description, compass direction (if applicable)	Taken By				
1.		Photo Log	ME				
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							

Notes:

Helpful Definitions for Applying Ch 62-340, F.A.C.

¹**RSJ** stands for Reasonable Scientific Judgment where used throughout this Data Form (See <u>The Florida Wetlands Delineation Manual</u> pg. 2 & 12)

²HSTS stands for Hydric Soils Technical Standard (See NRCS Hydric Soils Technical Note 11)

Definition from §62.340.200(19) Florida Administrative Code

"Wetlands," as defined in subsection 373.019(17), F.S., means those areas that are inundated or saturated by surface water or ground water at a frequency and a duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soils. Soils present in wetlands generally are classified as hydric or alluvial, or possess characteristics that are associated with reducing soil conditions. The prevalent vegetation in wetlands generally consists of facultative or obligate hydrophytic macrophytes that are typically adapted to areas having soil conditions described above. These species, due to morphological, physiological, or reproductive adaptations, have the ability to grow, reproduce or persist in aquatic environments or anaerobic soil conditions. Florida wetlands generally include swamps, marshes, bayheads, bogs, cypress domes and strands, sloughs, wet prairies, riverine swamps and marshes, hydric seepage slopes, tidal marshes, mangrove swamps and other similar areas. Florida wetlands generally do not include longleaf or slash pine flatwoods with an understory dominated by saw palmetto.

Definition from §373.019(19) Florida Statutes

"Surface water" means water upon the surface of the earth, whether contained in bounds created naturally or artificially or diffused. Water from natural springs shall be classified as surface water when it exits from the spring onto the earth's surface.

Definition from §373.019(14) Florida Statutes

"Other watercourse" means any canal, ditch, or other artificial watercourse in which water usually flows in a defined bed or channel. It is not essential that the flowing be uniform or uninterrupted.

Definition from §62.340.200(15) Florida Administrative Code

"Seasonal High Water" means the elevation to which the ground and surface water can be expected to rise due to a normal wet season.

From The Florida Wetlands Delineation Manual pg. 37

Ordinary high water is that point on the slope or bank where the surface water from the water body ceases to exert a dominant influence on the character of the surrounding vegetation and soils. The OHWL frequently encompasses areas dominated by non-listed vegetation and non-hydric soils. When the OHWL is not at a wetland edge, the general view of the area may present an "upland" appearance.

Definition from §403.803(14) Florida Statutes

"Swale" means a manmade trench which:

(a) Has a top width-to-depth ratio of the cross-section equal to or greater than 6:1, or side slopes equal to or greater than 3 feet horizontal to 1 foot vertical; (b) Contains contiguous areas of standing or flowing water only following a rainfall event;

(c) Is planted with or has stablized vegetation suitable for soil stabilization, stormwater treatment, and nutrient uptake; and

(d) Is designed to take into acount the soil erodibility, soil percolation, slope, slope length, and drainage area so as to prevent erosion and reduce pollutant concentration of any discharge.



FLORIDA DEPARTMENT OF Environmental Protection

South District Office PO Box 2549 Fort Myers, Florida 33902-2549 SouthDistrict@FloridaDEP.gov Ron DeSantis Governor

Jeanette Nuñez Lt. Governor

Shawn Hamilton Secretary

Site Report

Address:1771 Cedarwood St, Port Charlottr, Florida 33948File #:0435716-001Project Name:T&K El Jobean, LLCInspection Date:November 8, 2023Inspectors:Matthew Erb.

Digital Photo Log

Type of Camera Used:	SDIT4
Digital Recording Media:	
Were Photos Altered?:	No
Photographer:	ME

Inspection Photos

_	
Image #:	1
Photo Description:	
Photo Location:	27°00'27.0"N 82°09'33.3"W
Image #:	2
Photo Description:	
Photo Location:	27°00'27.0"N 82°09'33.4"W

Image #:	3
Photo Description:	
Photo Location:	<image/>
	11/8/23 12:27 PM
Image #:	4
Photo Description:	
Photo Location:	27°00'27.0"N 82°09'33.3"W

Inspection Date: Inspectors:

Inspection Photos



Inspection Date: Inspectors: November 8, 2023 Matthew Erb. **Page**: 4 of 9



Inspection Date: Inspectors:

Inspection Photos

Image #:	9
Image #: Photo Description:	
Photo Location:	27°00'25.7"N 82°09'34.5"W
Image #:	10
Photo Description:	
Photo Location:	27°00'25.2"N 82°09'38.0"W

Inspection Date: Inspectors:

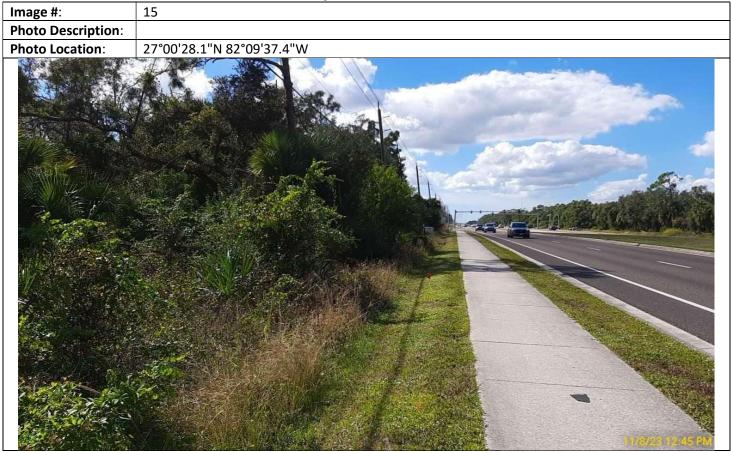


Inspection Date: Inspectors:

Inspection Photos Image #: 13 Photo Description: Photo Location: 27°00'25.2"N 82°09'38.0"W Image #: 14 Photo Description: Photo Location: 27°00'28.1"N 82°09'37.4"W

Inspection Date: Inspectors:

Inspection Photos





Florida Department of Environmental Protection

ERP Inspection Report and Technical Staff Report

Inspection Date: 11/8/2023	Compliance Sta	i <u>tus:</u> 🛛	☑ In Compliance		
Inspector: Matthew Erb Persons present during inspection:			 ☐ Minor Non-Compliance ☐ Significant Non-Compliance 		
	Inspection Type		 ☐ Complaint ☐ Compliance ☐ Enforcement ☑ Other: Application Review Related 		
Application File No. 0435716-	<u>Site No.</u> 0435716	<u>ERPce</u>	Project No.		
001 <u>Owner:</u> T&K El Jobean, LLC		Punta (<u>t:</u> 99 Nesbit Street Gorda, Florida 33950 onenclosures@gmail.com		
<u>Agent:</u> Mark Pricer, P.E.			<u>Contact:</u> 25450 Airport Road, Ste. B Punta Gorda, Florida 33950 <u>m.pricer@sedfl.com</u>		
Activity/Site Location: 1771 Cedarv	vood St, Port Charlotte, Florid	da 33948	8		
Waterbody: Uplands/Unnamed Wetlands			<u>nds:</u> □ Yes ⊠ No Determination:		
<u>Class:</u> □ I □ II ⊠ III □ IV □ V		Aquatic Preserve: 🗌 Yes 🛛 No			
Shellfish Harvesting: □ Approved □ □ Conditionall ⊠ Unclassified	<u>Aquatic</u>	Preserve Name:			
<u>Outstanding Florida Waters (OFW):</u> 🛛 Yes 🛛 No			SSL Lease Inspection Completed:		
Site History					

5/25/2022: Application for a State 404 Non-Jurisdictional Determination received by Department.

Inspection Findings

On-site surface waters do not appear to discharge off-site. No culverts or storm drain features appear to be present along the perimeter of the site and adjacent properties. Mesic hammock uplands are present on both the East and West sides of the project site. The project site appears to be largely overtaken by *Schinus terebinthifolia*.

Site Inspection Photos Inspection Date: 11/8/2023 Inspector: Matthew Erb

Resource Assessment

FLUCCS/FNAI Community Type(s):	Unnamed Wetlands		
Wetlands/Other Surface Waters (OSW) Present:	🖾 Yes 🛛 No		
Wetland Data Forms Attached:	🖾 Yes 🛛 No		
UMAM Forms Attached:	🗆 Yes 🛛 No		
Other Resources Present:	🗆 Yes 🛛 No		
	If "Yes," identify: List types or enter "NA"		