STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

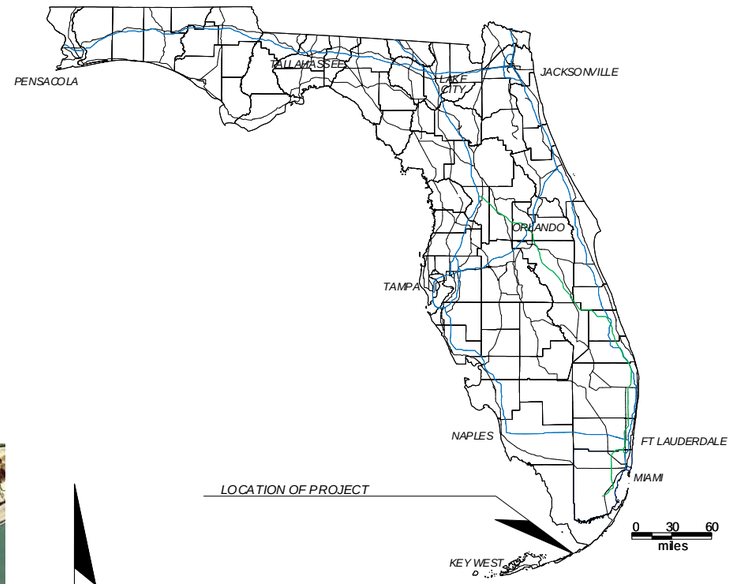
CONTRACT PLANS

FINANCIAL PROJECT ID 424401-1-52-01
MONROE COUNTY
TEA TABLE FILL (6-6114) SITE RESTORATION

INTELLIGENT TRANSPORTATION SYSTEMS PLANS

INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
IT-1	TEA TABLE FILL KEY SHEET
IT-2	GENERAL NOTES
IT-3	PLANS, INSTALLATION, & INSPECTION NOTES
102-601	MAINTENANCE OF TRAFFIC (1 SHEET)
550-002	FENCE TYPE B (3 SHEETS)
TT-1 – TT-17	PATE ENGINEERING SITE REPAIR PLANS (JOB 17-156)



TOWER SITE ADDRESS:

79300 Overseas Highway (US-1 at Mile Marker 79.2 on Ocean Side)

Islamorada, FL 33036

GPS COORDINATES:

LATITUDE: 26-53-42.8 N (NAD 83)
LONGITUDE: 80-39-50.2 W

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
CURRENT FDOT STANDARDS PLANS, AND
CURRENT FDOT STANDARD SPECIFICATIONS FOR
ROAD AND BRIDGE CONSTRUCTION, AS AMENDED
BY CONTRACT DOCUMENTS.

TEA TABLE FILL
SITE RESTORATION PROJECT

ENGINEER OF RECORD: WILLIAM R. ALLEN, P.E.

P.E. NO.: 62938

FDOT PROJECT MANAGER: RANDY PIERCE

CONTRACT PLANS RECORD

DATE	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION

FLORIDA DEPARTMENT OF TRANSPORTATION
605 SUWANNEE ST. MS 90
TALLAHASSEE, FL 32399-0450
PH.(850)-410-5600
FAX.(850)-410-5501

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

SITE NAME	COUNTY	FINANCIAL PROJECT ID
TEA TABLE FILL	MONROE	424401-1-52-01

TEA TABLE FILL KEY SHEET

SHEET NO. IT-1

\\wsatkins.com\Project\USTLA\ITS\FDOT-CGC\8.01L-Facilities\Tea Table Facilities Restoration\Visio\TeaTableFill_Plans-20190130-Rev20190318.vsdx

GENERAL NOTES:

1. THE VENDOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONDITIONS AND MEASUREMENTS RELATING TO THE WORK IN THE FIELD PRIOR TO PROCEEDING WITH INSTALLATION, REMOVAL, AND DISPOSAL ACTIVITIES. THE VENDOR SHALL COORDINATE ANY MODIFICATIONS REQUIRED WITH FDOT.
2. THE VENDOR IS RESPONSIBLE FOR ALL EQUIPMENT, MATERIALS, AND SERVICES REQUIRED TO COMPLETE THIS PROJECT. THE VENDOR IS RESPONSIBLE FOR VERIFYING THE COMPLETENESS OF MATERIALS REQUIRED AND SUITABILITY OF DEVICES TO MEET THESE PLANS. THE VENDOR SHALL PROVIDE AND INSTALL, WITHOUT CLAIM, ANY ADDITIONAL EQUIPMENT AND SERVICES REQUIRED FOR OPERATION PER THESE PLANS.
3. THE VENDOR SHALL BE RESPONSIBLE FOR DETERMINING LOCAL FACILITIES FOR DELIVERING, STORING, AND LEGALLY DISPOSING OF BOTH STORM DEBRIS AND POST-INSTALLATION MATERIALS.
4. THE VENDOR SHALL PROTECT AND PRESERVE ALL EXISTING UTILITIES, EXCLUDING THOSE REQUIRING UPGRADES OR RELOCATION IN THESE PLANS, LOCATED WITHIN THE INSTALLATION LIMITS OF THE PROJECT.
5. THE VENDOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT SITE. SHOULD THE VENDOR REQUIRE SUCH FOR PERFORMING THE WORK, THE VENDOR SHALL REQUEST, IN WRITING, PERMISSION FROM FDOT. THE VENDOR SHALL PROVIDE THE DISTRICT SIX CONTAMINATION IMPACT COORDINATOR (CIC) WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. FDOT SHALL COORDINATE WITH THE DISTRICT SIX CIC PRIOR TO ISSUING WRITTEN APPROVAL TO THE VENDOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED MSDS SUBMITTAL. DISTRICT SIX CONTAMINATION IMPACT COORDINATOR: MAURICIO GOMEZ

   TEL: 305-470-5228
   EMAIL: MAURICIO.GOMEZ@DOT.STATE.FL.US

   THE VENDOR IS RESPONSIBLE FOR DETERMINING IF THERE ARE ANY COATINGS/PAINT OR MATERIALS ON THE FACILITIES STRUCTURES THAT WOULD BE CONSIDERED HAZARDOUS WASTE UPON DISPOSAL OF THE STRUCTURE OR ANY STRUCTURAL COMPONENTS. COPIES OF ANY TEST REPORTS ARE TO BE PROVIDED TO FDOT. IF ANY ITEMS ARE FOUND THAT MEET THE DEFINITION OF A HAZARDOUS WASTE UNDER EITHER FLORIDA ENVIRONMENTAL PROTECTION REGULATIONS OR UNITED STATES OF AMERICA ENVIRONMENTAL PROTECTION REGULATIONS, THE MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH THE MORE STRICT OF THE REGULATIONS AND FDOT SHALL BE PROVIDED WITH DOCUMENTATION OF THE PROPER DISPOSAL TO INCLUDE A SIGNED COPY OF THE MANIFEST WHERE THE WASTE WAS RECEIVED AT THE DISPOSAL SITE WITHIN 10 DAYS OF THE DISPOSAL OF THE MATERIALS.
6. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT SITE BY THE VENDOR SHALL BE IMMEDIATELY REPORTED TO FDOT, WHO SHALL DIRECT THE VENDOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. FDOT IS TO NOTIFY THE DISTRICT SIX CIC OF THE DISCOVERY. THE DISTRICT SIX CIC WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE VENDOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY FDOT. THE DISTRICT SIX CIC WILL ADVISE FDOT.
7. THE VENDOR IS RESPONSIBLE FOR OBTAINING ANY PERMITS (DEP, SOUTH FLORIDA WATER MANAGEMENT DISTRICT, ETC.) AND MEETING BUILDING OFFICIAL REQUIREMENTS, INCLUDING ASSOCIATED FEES. THE VENDOR IS RESPONSIBLE FOR CONTACTING APPLICABLE BUILDING OFFICIALS FOR PERMIT APPLICATIONS AND SUBMITTING TO THE FDOT FOR SIGNATURE.
8. THE VENDOR SHALL SUBMIT ALL DETAILED DESIGN PLANS FOR FDOT REVIEW AND APPROVAL PER THESE PLANS AND SPECIFICATIONS. THE VENDOR SHALL NOT BEGIN INSTALLATION WORK UNTIL ALL DESIGN SUBMITTALS ARE APPROVED IN WRITING BY THE FDOT PROJECT MANAGER.
9. THE VENDOR SHALL SUBMIT AN INSTALLATION SCHEDULE TO FDOT FOR REVIEW AND APPROVAL.
10. THE VENDOR MUST COORDINATE ALL SITE WORK WITH FDOT. THE CONTACT PERSON IS RANDY PIERCE, 850-410-5608.
11. THE VENDOR SHALL COORDINATE EACH ELEMENT ON THE SCHEDULE WITH OTHER INSTALLATION ACTIVITIES AND SHOW EACH ACTIVITY IN PROPER SEQUENCE.
12. THE VENDOR IS RESPONSIBLE FOR ALL FIELD LOCATES. THE VENDOR SHALL NOTIFY ALL UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (811) THREE BUSINESS DAYS IN ADVANCE OF BEGINNING INSTALLATION ON THE JOB SITE. NOTE THAT NOT ALL UTILITY COMPANIES ARE MEMBERS OF THE SUNSHINE STATE ONE CALL, AND THEREFORE, THE VENDOR SHALL CONTACT THEM INDIVIDUALLY.
13. THE VENDOR SHALL FIELD LOCATE ALL BURIED GROUNDING, FIBER OPTIC CABLE, CONDUITS, STRUCTURES, AND UTILITIES IN AND AROUND THE WORK AREA PRIOR TO COMMENCING ANY EXCAVATIONS. ALL DIGGING AND EXCAVATING INSIDE AND AROUND THE SITE COMPOUND SHALL BE PERFORMED IN A MANNER CONSISTENT WITH GOOD ENGINEERING PRACTICES. THE USE OF HEAVY EXCAVATING MACHINERY INSIDE THE FENCED AREA MUST BE IN ACCORDANCE WITH AN FDOT APPROVED CONSTRUCTION PLAN..
14. THE VENDOR SHALL RESTRICT PERSONNEL, THE USE OF EQUIPMENT, AND THE STORAGE OF MATERIALS TO AREAS WITHIN THE LIMITS OF INSTALLATION. ANY OFF-SITE STORAGE AREA IS THE RESPONSIBILITY OF THE VENDOR.
15. THE VENDOR SHALL PROVIDE SECURITY FOR HIS/HER EQUIPMENT AND SHALL CONDUCT HIS/HER OPERATIONS SO AS TO AVOID INTERFERENCE WITH FDOT'S NORMAL OPERATIONS.
16. THE VENDOR SHALL PROVIDE AND MAINTAIN IN A NEAT AND SANITARY CONDITION SUCH ACCOMMODATIONS FOR THE USE OF HIS/HER EMPLOYEES AS MAY BE NECESSARY TO COMPLY WITH REGULATIONS OF THE COUNTY OR THE DEPARTMENT OF HEALTH AND REHABILITATIVE SERVICES. NO NUISANCE WILL BE PERMITTED.
17. THE VENDOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING OF THE TRASH GENERATED FROM THE INSTALLATION, INCLUDING LUNCH BAGS AND DRINKS, DAILY. THE VENDOR SHALL NOT ALLOW TRASH TO BLOW AROUND OR AWAY FROM ANY CONSTRUCTION SITE.

GENERAL NOTES (CONT'D.):

18. ALL EQUIPMENT AND SERVICES FURNISHED BY THE VENDOR AS PART OF THIS PROJECT SHALL BE WARRANTED TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP. IN THE EVENT ANY SUCH DEFECTS IN EQUIPMENT OR SERVICES BECOME EVIDENT WITHIN THE WARRANTY PERIOD, THE VENDOR SHALL CORRECT THE DEFECT BY REPAIRING OR REPLACING THE DEFECTIVE COMPONENT OR EQUIPMENT AT NO COST TO FDOT DURING THE WARRANTY PERIOD. THE WARRANTY PERIOD SHALL BE A MINIMUM OF 12 MONTHS FROM DATE OF FINAL ACCEPTANCE. CLAIMS UNDER ANY OF THE WARRANTIES HEREIN ARE VALID IF MADE WITHIN 30 DAYS AFTER TERMINATION OF THE WARRANTY PERIOD.
19. THE VENDOR SHALL COLLECT PRODUCT DATA INTO A SINGLE SUBMITTAL FOR EACH ELEMENT OF INSTALLATION OR SYSTEM. PRODUCT DATA SHALL INCLUDE INFORMATION SUCH AS MANUFACTURER'S INSTALLATION INSTRUCTIONS AND PERFORMANCE SPECIFICATIONS.
20. THE VENDOR SHALL SUBMIT (2) SETS OF AS-BUILT DRAWINGS AND PHOTOS DEPICTING THE LOCATION OF THE COMPONENTS OF THE COMMUNICATIONS FACILITIES WITH RESPECT TO LOCAL FEATURES AND BENCHMARKS. AS-BUILT DRAWINGS DEPICTING ANY FIELD CHANGES TO THE FACILITIES SHALL ALSO BE SUBMITTED. AS-BUILT DOCUMENTATION SHALL BE SUBMITTED IN ELECTRONIC FORMAT, AS WELL AS PRINTED. ALL ITS FACILITY MANAGEMENT ATTRIBUTE FORMS SHALL BE COMPLETED IN ACCORDANCE WITH THIS TECHNICAL SPECIFICATION.
21. THE VENDOR SHALL BE RESPONSIBLE FOR ALL ALARM WIRE CABLE, AND RESPECTIVE HARDWARE AND CONDUITS. SPLICING OF THE ALARM WIRE CABLE IS NOT PERMITTED. ANY ALARM WIRE CABLE DAMAGED BY THE VENDOR SHALL BE REPLACED WITH NEW FULL-LENGTH CABLE, WITHOUT CLAIM, AND AT THE VENDOR'S COST.
22. THE VENDOR SHALL BE RESPONSIBLE FOR ENSURING THE SITE IS SECURED BY TEMPORARY FENCING AT THE END OF EACH DAY.

APPLICABLE PUBLICATIONS AND STANDARDS:

1. APPLICABLE MANUFACTURER'S INSTRUCTIONS AND STANDARD PRACTICES.
2. APPLICABLE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (O.S.H.A.) PRACTICES.
3. EIA-81: MEASURING GROUND RESISTANCE AND POTENTAIL GRADIENTS IN THE EARTH.
4. FLORIDA BUILDING CODE, CURRENT EDITION.
5. NATIONAL ELECTRICAL CODE (NEC) (NFPA 70), CURRENT EDITION.
6. NEC ARTICLE 250: GROUNDING AND BONDING.
7. UL 467: STANDARDS FOR GROUNDING AND BONDING EQUIPMENT.
8. FDOT CURRENT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
9. FDOT CURRENT STANDARDS PLANS.
10. FDOT STANDARD PLANS FOR MAINTENANCE OF TRAFFIC (MOT), INDEX NO. 102-601
11. FDOT STANDARDS PLANS FOR FENCE TYPE B, INDEX NO. 550-002

CONTRACT PLANS RECORD

DATE	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION

FLORIDA DEPARTMENT OF TRANSPORTATION
605 SUWANNEE ST. MS 90
TALLAHASSEE, FL 32399-0450
PH.(850)-410-5600
FAX.(850)-410-5501

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

SITE NAME	COUNTY	FINANCIAL PROJECT ID
TEA TABLE FILL	MONROE	424401-1-52-01

TEA TABLE FILL GENERAL NOTES

SHEET NO. IT-2

PROJECT PLAN:

1. THE VENDOR SHALL SUBMIT CONSTRUCTION STAGING AREA DESIGN PLANS TO THE FDOT PROJECT MANAGER FOR REVIEW AND APPROVAL.
2. THE VENDOR SHALL SECURE THE TOWER SITE COMPOUND AT ALL TIMES. ADDITIONAL OR TEMPORARY TYPE B FENCING MAY BE REQUIRED. THE VENDOR SHALL BE RESPONSIBLE FOR ALL ADDITIONAL FENCING, AT NO ADDITIONAL COST TO FDOT.
3. THE VENDOR SHALL INSTALL THE GROUNDING SYSTEM PER THESE SPECIFICATIONS.
4. THE FDOT OR APPROVED REPRESENTATIVE SHALL INSPECT THE ELEVATED LPG TANK FOUNDATIONS AND PLATFORM, AND GROUNDING SYSTEM INSTALLATIONS.
5. THE VENDOR SHALL SCHEDULE REMOVAL OF ALL STORM POST CONSTRUCTION DEBRIS WITH FDOT OR APPROVED REPRESENTATIVE.
6. THE VENDOR SHALL REMOVE OLD PERIMTER FENCE AND GATES, AND INSTALL NEW PERIMETER FENCE AND GATES PER THESE SPECIFICATIONS.
7. THE FDOT OR APPROVED REPRESENTATIVE SHALL PERFORM FINAL INSPECTION OF COMPLETE JOB.

TEMPORARY TRAFFIC CONTROL (TTC)) PLAN NOTES:

1. THE VENDOR SHALL SUBMIT THE MOT(TTC) PLAN TO THE FDOT FOR REVIEW AND APPROVAL. AFTER APPROVAL OF THE MOT(TTC) PLAN, THE VENDOR SHALL PROVIDE A TWO-WEEK NOTICE PRIOR TO IMPLEMENTATION TO ALLOW FOR APPROPRIATE NOTIFICATION.
2. ANY ALTERNATIVE TO THIS MOT(TTC) APPROACH SHALL BE APPROVED BY DISCTRICT SIX TRAFFIC OPERATIONS BEFORE IMPLEMENTATION.
3. IMMEDIATELY INFORM THE ENGINEER WHEN IDENTIFYING ANY ERRORS OR OMISSIONS IN THE TRAFFIC CONTROL PLAN OR MAKING ANY MODIFICATION OR CHANGE TO THE TRAFFIC CONTROL PLAN TO OBTAIN APPROVAL BY THE ENGINEER PRIOR TO WORK COMMENCING OR BEING RESUMED THAT IS AFFECTED BY ERRORS OR OMISSIONS.
4. INFORM THE ENGINEER OF ANY HAZARDS WITHIN THE WORK AREA NOT ADDRESSED BY THE TRAFFIC CONTROL PLAN AND ANY POTENTIAL IMPROVEMENTS TO PROPOSED OR IMPLEMENTED PHASES OF THE TRAFFIC CONTROL PLANS.

INSTALLATION NOTES:

1. THE VENDOR SHALL SUBMIT A DETAILED INSTALLATION PLAN FOR APPROVAL BY FDOT. THE PLAN SHALL INCLUDE A SCHEDULE OF EVENTS DETAILING EACH PHASE OF INSTALLATION, INCLUDING A PROJECTED TIMELINE, AND DETAILS FOR USE OF HEAVY EQUIPMENT.
2. ALL EQUIPMENT AND COMPONENT PARTS FURNISHED SHALL BE NEW, MEET OR EXCEED THE MINIMUM REQUIREMENTS STATED HEREIN, AND PERFORM TO MANUFACTURER'S SPECIFICATIONS. NO PART OR ATTACHMENT SHALL BE SUBSTITUTED OR APPLIED CONTRARY TO THE MANUFACTURER'S RECOMMENDATIONS AND STANDARD PRACTICES.
3. THE VENDOR SHALL PROVIDE AND INSTALL NEW TYPE B (CHAIN LINK) SITE COMPOUND FENCING WITH TOP RAIL PER SECTION 550 OF THE CURRENT FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND PER INDEX 550-002 OF THE CURRENT FDOT STANDARD PLANS. IN ADDITION, THE FENCE FABRIC SHALL BE FASTENED TO THE TOP RAIL.

FACILITIES REMOVAL PLAN:

1. THE VENDOR SHALL SUBMIT A DETAILED REMOVAL PLAN FOR APPROVAL BY FDOT. THE PLAN SHALL INCLUDE A DETAILED SCHEDULE OF EVENTS DETAILING EACH PHASE OF REMOVAL; A SAFETY PLAN DETAILING THE ACTIVITIES AND THE ACTIONS TO BE TAKEN TO MITIGATE HAZARDS; AN EMERGENCY PLAN, AND DETAILS FOR USE OF HEAVY EQUIPMENT.
2. THE VENDOR SHALL REMOVE THE EXISTING FENCE SYSTEM PER THESE SPECIFICATIONS.
3. THE VENDOR SHALL REMOVE THE EXISTING DAMAGED LPG TANK ENCLOSURE PER THESE SPECIFICATIONS.
4. THE VENDOR SHALL REMOVE THE EXISTING ABANDONED GENERATOR PAD PER THESE SPECIFICATIONS.
5. THE VENDOR SHALL SUBMIT A DETAILED SITE RESTORATION PLAN TO THE FDOT PROJECT MANAGER FOR REVIEW AND APPROVAL.
6. THE VENDOR SHALL BACKFILL AND COMPACT ALL EXCAVATIONS, HOLES AND TRENCHES (AFTER INSPECTION AND APPROVAL IS PERFORMED BY FDOT), LEVEL COMPOUND WITH COMPACTED LIME ROCK FILL TO MATCH SURROUNDING GROUND COVER.
7. THE VENDOR SHALL LEGALLY DISPOSE OF ALL STEEL, CONCRETE, FENCING, EXTRACTION MATERIAL, DEBRIS, AND TRASH.

INSPECTION NOTES:

1. THE INSPECTION SHALL BE PERFORMED BY THE VENDOR AND WITNESSED BY FDOT. THE VENDOR SHALL NOTIFY FDOT AT LEAST 10 DAYS PRIOR TO COMPLETION OF INSTALLATION. THE VENDOR AND FDOT SHALL VERIFY JOINTLY THAT ALL INSTALLATION WORK IS CORRECTLY INSTALLED AND FUNCTIONAL.
2. THE VENDOR SHALL NOTIFY FDOT AT LEAST TWO DAYS PRIOR TO COMPLETION OF GROUNDING INSTALLATION FOR INSPECTION. BELOW GRADE GROUNDING INSTALLATIONS AND GROUND CONNECTIONS SHALL NOT BE BACKFILLED UNTIL INSPECTED AND APPROVED BY THE FDOT.

   GROUNDING SHALL BE INSPECTED FOR PROPER CONNECTION TYPES, TIGHTNESS, WORKMANSHIP, AND CONFORMANCE WITH THE APPROVED DESIGN. ANY EXOTHERMIC BONDS THAT ARE DEEMED UNSATISFACTORY SHALL BE REPAIRED BY THE VENDOR WITH NEW BONDS, WITHOUT CLAIM.
3. THE SITE SHALL BE INSPECTED TO BE FREE OF DEBRIS AND THAT EXCAVATIONS ARE BACKFILLED AND COMPOUND RESTORED.
4. FOLLOWING THE COMPLETION OF INSPECTIONS, THE INSTALLED EQUIPMENT AND FACILITIES SHALL BE SUBJECTED TO A MINIMUM 20-DAY PERFORMANCE PERIOD. FOR THE PURPOSE OF THE SUCCESSFUL PERFORMANCE PERIOD, FAILURE OF OPERATION IS DEFINED AS THE FAILURE OF A MAJOR COMPONENT OF THE SITE (LPG FUEL LEAK, LPG TANK FUEL LEVEL SENSOR, GROUNDING AND SURGE PROTECTION, SHELTER DOOR, FENCE GATES, ETC.). THE PERFORMANCE VERIFICATION SHALL BE ACCOMPLISHED WITH THE FDOT. UPON ACCEPTANCE OF THE PERFORMANCE AND TEST CRITERIA BY FDOT, THE 20-DAY PERFORMANCE PERIOD SHALL BEGIN.

CONTRACT PLANS RECORD					
DATE	REV.	DESCRIPTION	DATE	REV.	DESCRIPTION

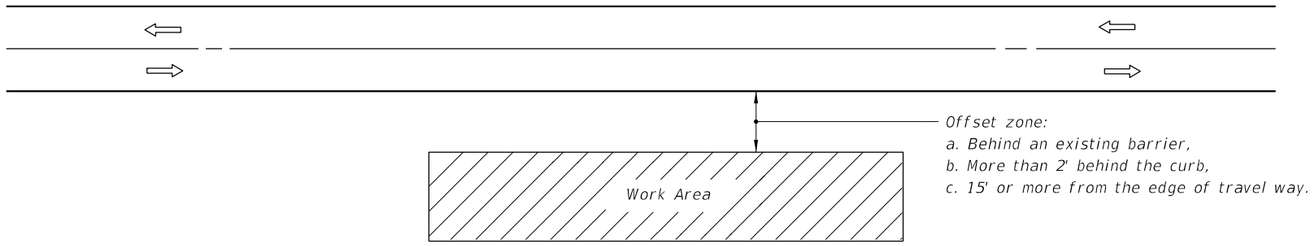
FLORIDA DEPARTMENT OF TRANSPORTATION
605 SUWANNEE ST. MS 90
TALLAHASSEE, FL 32399-0450
PH.(850)-410-5600
FAX.(850)-410-5501

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

SITE NAME	COUNTY	FINANCIAL PROJECT ID
TEA TABLE FILL	MONROE	424401-1-52-01

TEA TABLE FILL PLANS, INSTALLATION, & INSPECTION NOTES

SHEET NO.
IT-3



SYMBOLS

Work Area

Lane Identification + Direction of Traffic

GENERAL NOTES

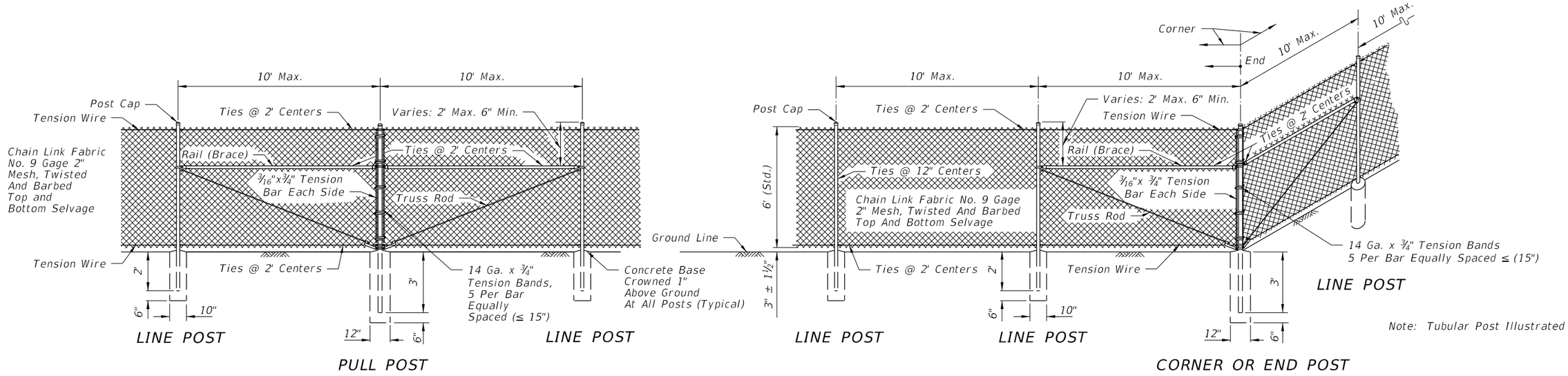
1. If the work operation (excluding establishing and terminating the work area) requires that two or more work vehicles cross the offset zone in any one hour, traffic control will be in conformance with Index 102-602.
2. No special signing is required.
3. When a side road intersects the highway within the work area, additional TTC devices shall be placed in accordance with other applicable TCZ Indexes.
4. When construction activities encroach on a sidewalk refer to Index 102-660.
5. For general TCZ requirements and additional information, refer to Index 102-600.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE BEHIND AN EXISTING BARRIER, MORE THAN 2' BEHIND THE CURB, OR 15' OR MORE FROM THE EDGE OF TRAVEL WAY.

9/18/2018 10:22:06 AM

LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY 2019-20 STANDARD PLANS	TWO-LANE, TWO-WAY, WORK OUTSIDE SHOULDER	INDEX	SHEET
11/01/17						102-601	1 of 1



GENERAL NOTES

1. This fence to be used generally in urban areas.
2. For supplemental information refer to Specification 550.
3. Chain link fabric, post, truss rods, tension wires, tie wires, stretcher bars, gates and all miscellaneous fittings and hardware shall meet the requirements of AASHTO and ASTM signify current reference.
4. Fence Component Options:
   A. Line post options:
      (1) Galvanized steel pipe, Schedule 40– 1½" nominal dia. zinc galvanized at the rate of 1.8 oz./ft².: ASTM A53 Table 2 (Grade A or B), ASTM F1083, and AASHTO M111.
      (2) Aluminum coated steel pipe: ASTM A53, Table 2 (Grade A or B): Schedule 40– 1½" nominal dia., 1.90" OD; coated at the rate 0.40 oz./ft.: AASHTO M111.
      (3) Aluminum alloy pipe– 2" nominal dia.: ASTM B241 or B221, Alloy 6063, T6.
      (4) Steel H–Beam– 1⅞"x 1⅝": Zinc Galv. 1.8 oz./ft.: AASHTO M111 and Detail.
      (5) Aluminum alloy H–Beam– 1⅞"X 1⅝" Detail.
      (6) Steel C– 1⅞"X 1⅝": Galv.: 1.8 oz/ft. zinc: AASHTO M111; OR , 0.9 oz./ft². zinc–5% aluminum–mischmetal: ASTM F1043 and Detail.
      (7) Resistance welded steel pipe; 50,000 psi min. yield strength ASTM A569/A569M, A653/A653M or undepleted stock of discontinued A446/A446M base materials; ASTM F669 Group IV (Alternative Design); fence industry 2" OD, 1½" NPS, 1.900" dec. equiv., 0.120" min. wall thick. and min. wt. 2.28 lb./ft.; with ASTM F1043 metric equivalent internal coating Types A, B, C or D and external coating Types A, B, or C; the chromate conversion coating of external Type B shall have a thickness of 15µg/in². min. and the polymer film topcoat shall have a thickness of 0.0003" min.; internal and external coatings are not restricted to the combinations of Table 2, ASTM F1043.

   B. Corner, end, and pull post options:
      (1) Galvanized steel pipe, Schedule 40– 2" nominal dia. zinc galvanized at the rate of 1.8 oz./ft².: ASTM A53 Table X 2, ASTM F1083, and AASHTO M111.
      (2) Aluminum coated steel pipe: ASTM A53 steel, X 2 Tables: Schedule 40; 2" nominal dia., 2.375" OD; coated at the rate 0.40 oz./ft.: AASHTO M111.
      (3) Aluminum alloy pipe– 2½" nominal dia.: ASTM B241 or B221, Alloy 6063,T6.
      (4) Resistance welded steel pipe; 50,000 psi min. yield strength ASTM A569/A569M, A653/A653M or undepleted stock of discontinued A446/A446M base materials; ASTM F669 Group IV (Alternative Design); fence industry 2½" OD, 2" NPS, 2.375" dec. equiv., 0.130"min. wall thick. and min. wt. 3.117 lb./ft.; with ASTM F1043 metric equivalent internal coating Types A, B, C or D and external coating Types A, B, or C; the chromate conversion coating of external Type B shall have a thickness of 15µg/in². min. and the polymer film topcoat shall have a thickness of 0.0003" min.; internal and external coatings are not restricted to the combinations of Table 2, ASTM F1043.

   C. Rail options:
      (1) Galvanized steel pipe, Schedule 40– 1¼" nominal dia. zinc galvanized at the rate of 1.8 oz./ft².: ASTM A53 Table X 2, ASTM F1083, and AASHTO M111.
      (2) Aluminum coated steel pipe; ASTM A53 steel, X 2 Tables Schedule 40; 1¼" nominal dia., 1.660" OD; coated at the rate 0.40 oz./ft.: AASHTO M111.
      (3) Aluminum alloy pipe– 1¼" nominal dia.: ASTM B241 or B221, Alloy 6063, T6.
      (4) Resistance welded steel pipe; 50,000 psi min. yeild strength ASTM A569/A569M, A653/A653M or undepleted stock of discontinued A446/A446M base materials; ASTM F669 Group IV (Alternative Design); fence industry 1⅝" OD, 1¼" NPS, 1.660" dec. equiv., 0.111" min. wall thick. and min. wt. 1.836 lb./ft.; with ASTM F1043 metric equivalent internal coating Types A, B, C or D and external coating Types A, B, or C; the chromate conversion coating of external Type B shall have a thickness of 15µg/in². min. and the polymer film topcoat shall have a thickness of 0.0003" min.; internal and external coatings are not restricted to the combinations of Table 2, ASTM F1043.

   D. Chain link fabric options (2" mesh with twisted and barbed selvage top and bottom for all options except as described in Note 10):
      (1) AASHTO M181 Type I – Zinc Coated Steel, No. 9 gage (coated wire diameter), coated at the rate of 1.8 oz/ft². (M181 Class D 2.0 oz./ft². modified to 1.8 oz./ft².).
      (2) AASHTO M181 Type II –Aluminum Coated Steel, No. 9 gage (coated wire diameter), coated at the rate of 0.40 oz./ft².
      (3) AASHTO M181 Type IV– Polyvinyl Chloride (PVC) Coated Steel, No. 9 gage (coated core wire diameter), core wire–zinc coated steel. PVC coating: M181 Class A (either extruded or extruded and bonded) or Class B (bonded). See table right. Unless the plans call for M181 standard colors medium green, dark green or black the coating color shall be soft gray matching that of No. 36622 of Federal Standard 595a.

   E. Tension wire options:
      (1) Steel wire No. 7 gage zinc galvanized at the rate of 1.2 oz./ft².: AASHTO M181.
      (2) Aluminum alloy wire with a diameter of 0.1875" or larger conforming to the requirements of ASTM B211, Alloy 5056 Temper H38, or, Alclad Alloy 5056 Temper H192.
      (3) Aluminum coated steel wire No.7 gage coated at the rate of 0.040 oz./ft².: AASHTO M181.

   F. Tie wire and hog ring options:
      (1) Steel wire No.9 gage zinc galvanized at the rate of 1.2 oz./ft².
      (2) Aluminum alloy wire with a diameter of 0.1443" or larger conforming to the requirements of ASTM B211, Alloy 5056 Temper H38, or, Alclad Alloy 5056 Temper H192.
      (3) Aluminum coated steel wire No. 7 gage coated at the rate of 0.040 oz./ft².

9/18/2018 2:05:25 PM

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2019-20 STANDARD PLANS	FENCE TYPE B	INDEX	SHEET
11/01/17					550-002	1 of 3

GENERAL NOTES CONTINUED

5. Unless a specific material is called for in the plans the Contractor may elect to use either a single type of material or a combination of material types from the component options listed in note 4. Combinations of optional materials are restricted as follows:
   (a) Only one fabric optional material will be permitted between corner and/or end post assemblies.
   (b) Only one line post optional material will be permitted between corner and/or end post assemblies.
   (c) Pull post assemblies shall be optional materials identical to either the linepost optional material or the corner and end post assembly optional material; but, pull post assemblies shall be the same optional material between any set of corner and/or end post assemblies.

6. Concrete for bases shall be Class NS concrete as specified in Section 347 of the Standard Specifications or a packaged, dry material meeting the requirements of a concrete under ASTM C-387. Materials for Class NS concrete may be proportioned by volume and/or by weight.

7. Line post shall be 8'-6" long (Standard). Line post are to be set in concrete as described above or by the following methods:
   (a) In accordance with special details and/or as specifically described in the contract plans and specifications.
   (b) In accordance with ASTM F567 Subsections 5.4 through 5.10 as approved by the Engineer. Line post installed in accordance with Section 5.8 shall be 9'-6" long.
   (c) Post mounted on concrete structure or solid rock shall be mounted in accordance with the base plate detail "Fence Mounting On Concrete Endwalls And Retaining Wall", Sheet 3; or, by embedment in accordance with ASTM F567 Subsection 5.5.

   End, pull and corner post assemblies shall be in concrete as detailed above for all soil conditions other than solid rock. Post within assemblies that are located on concrete structures or solid rock shall be set by base plate or by embedment as prescribed under (b) above for line post.

   Line and assembly posts for 6' fence which must be lengthened due to a variation in the normal ground clearance, shall be set an additional 3" in depth for each 1' of of additional ground clearance.

8. Pull post shall be used at breaks in vertical grades of 15° or more, or at approximately 350' centers except that this maximum interval may be reduced by the Engineer on curves where the curve is greater than 3°.

9. Corner post are to be installed at all horizontal breaks in fence at 15° or more and as required at vertical breaks over 15° as determined by the Engineer.

10. When fence has an installed top of fabric height less than 6' knuckled top and bottom selvages shall be used unless the plans specifically identify locations for twisted selvage fabrics.

11. Unless sliding gates or special gates are called for in the plans, all gates shall be chain link swing gates meeting the material requirements described and as approved by the Engineer. Payment shall include the gates, single or double, all necessary hardware for installation and any additional length and/or size for posts at the opening. Gates shall be paid for under the contract unit price for Fence Gates, EA.

12. For construction purposes corner post assemblies shall consist of one corner post, two braces, two truss rods, and all necessary fittings and hardware as detailed. End post assemblies shall consist of one end post, one brace, one truss rod and all necessary fittings and hardware as detailed.

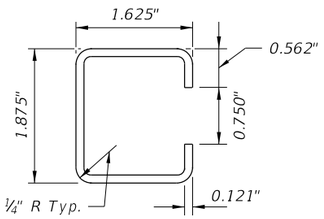
13. In areas where there are physical constraints outside the right-of-way which restricts the fence construction, the fabric may be installed on the inside of the posts..

TYPE IV VINYL COATED FABRIC								
AASHTO M181 Table 4 Redefined As Follows								
Specified Diameter Of Metallic Coated Core Wire			Minimum Weight Of Zinc Coating		PVC Thickness Range			
					M181 Class A (Extruded Or Extruded And Bonded Coating)		M181 Class B (Bonded Coating)	
in.	mm	gage	oz./ft².	g/m²	in.	mm	in.	mm
0.148	3.77	9	0.30	92	0.015 to 0.025	0.38 to 0.64	0.006 to 0.010	0.15 to 0.25

DESIGN NOTE

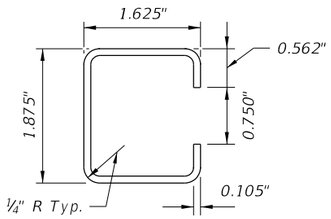
This index details fencing that is constructed with chain link fabric 6' (nominal) in height and with specific ground clearance.
For fencing of different height or installation details, the fence shall be fully detailed in the Contract plans.

9/18/2018 2:05:26 PM



Galv. Wt. Per. Ft.= 2.34# ±5%
Yield PSI (Min.) 45,000

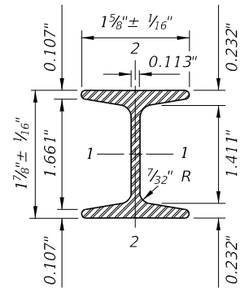
STANDARD WALL



Galv. Wt. Per. Ft.= 1.85# ±5%
Yield PSI (Min.) 45,000

THINWALL

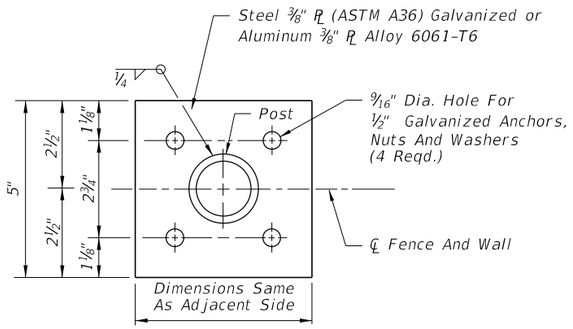
OPTIONAL "C" LINE POST



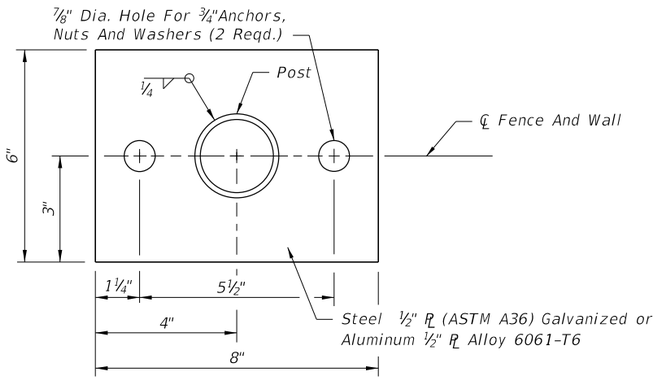
	STEEL	ALUMINUM
Area (Sq. In.)	724	724
Weight (Lb./Ft.)	2.72 ± 5% (Galv.)	0.91 ± 5%
Surface Area (SF/Ft.)	0.776	0.776
Tensile Strength (psi Min.)	80,000	30,000
Yielding Point (psi Min.)	48,000	25,000

	Axes		Axes	
	1–1	2–2	1–1	2–2
Moment Of Inertia	0.428	0.101	0.428	0.101
Section Modulus	0.456	0.124	0.456	0.124
Rad. Of Gyration	0.779	0.373	0.779	0.373

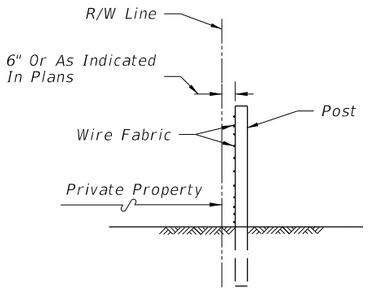
OPTIONAL 1⅞"x 1⅝" H-BEAM LINE POST



TOP VIEW
FOUR ANCHOR PLATE OPTION

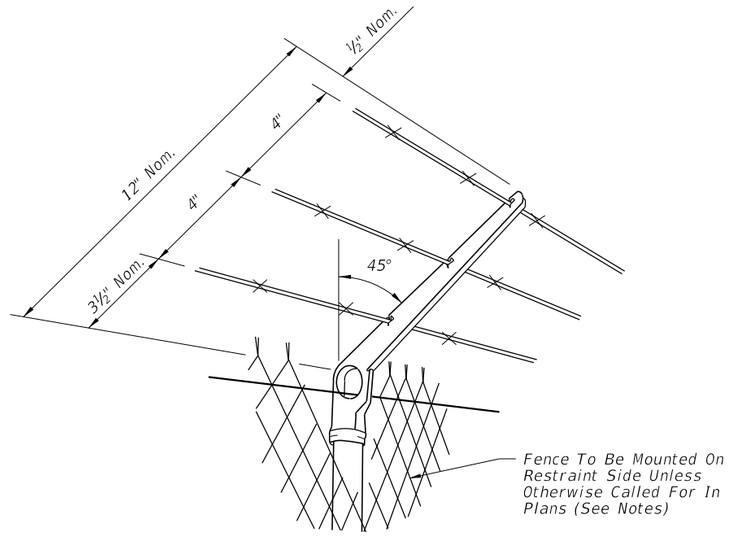


TOP VIEW
TWO ANCHOR PLATE OPTION



FENCE POSITION AT LOCATIONS WITHOUT FRONTAGE ROADS

(REFER TO DETAIL PLANS FOR FENCE POSITION AT LOCATIONS WITH FRONTAGE ROADS)



NOTES

Attachments to be used only when called for in the plans. Attachments to extend in direction of restraint. Unless otherwise called for in plans, direction of restraint will be as follows:

(a.) Outward on limited access right of way line.
(b.) Outward on controlled access right of way line.
(c.) Outward from utilities and hazardous facilities located within highway right of way.
(d.) Outward from lateral ditches, outfalls, retention basins, canals, borrow areas and similar support facilities.
(e.) Inward on pedestrian ways.

The cap-arm shall be designed to provide a drive fit over the top of posts and to exclude moisture in posts with tubular sections.

BARB WIRE ATTACHMENT

BASE PLATE AND ANCHOR NOTES:

1. Base plate identical for line, pull, end and corner posts and shall be considered an integral part of the respective posts for basis of payment.
2. Post to be plumbed by grout shim under base plate.
3. Anchors (Galvanized Steel):
   12" Cast In Place, 10½" Embedment:
   Headed Bolts, U-Bolts or Cluster Plates.
   8" Adhesive Anchors, 6" Min. Embedment.*
   *Adhesive anchors shall be headless anchor bolts set in drilled holes with an Adhesive Material System in accordance with Specifications 416 and 937; drilled holes shall be ⅛" larger in diameter than the anchor bolt.
   Expansion Bolts Not Permitted.

FENCE MOUNTING ON CONCRETE ENDWALL AND RETAINING WALLS

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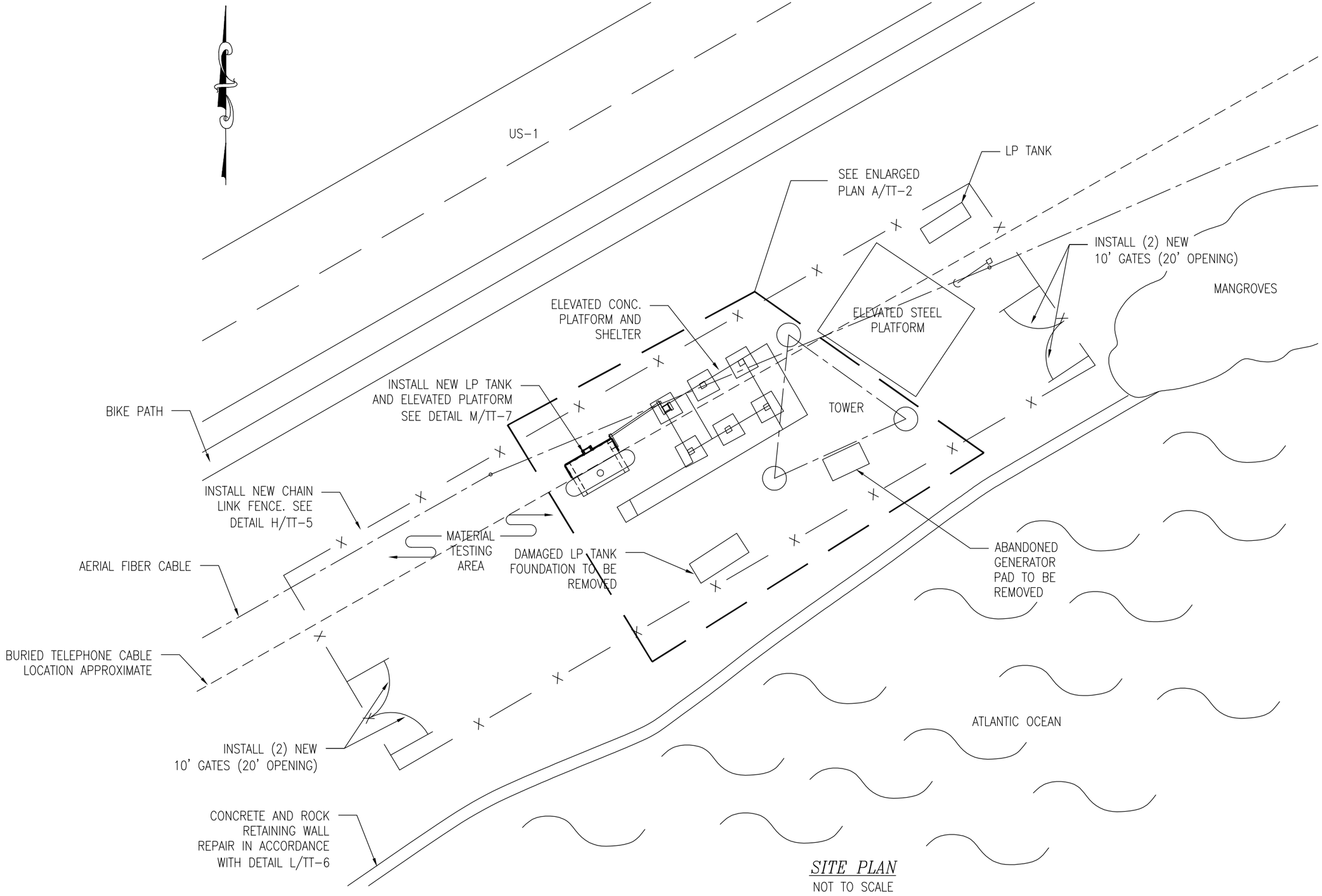
LAST REVISION	REVISION	DESCRIPTION:			INDEX	SHEET
11/01/17			FY 2019-20 STANDARD PLANS	FENCE TYPE B	550-002	3 of 3



SITE PLAN
NOT TO SCALE

DRAWING RECORD

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18			
B	FOR APPROVAL	1/25/19			
C	FOR APPROVAL	3/27/19			
0	FOR CONSTRUCTION	4/2/19			

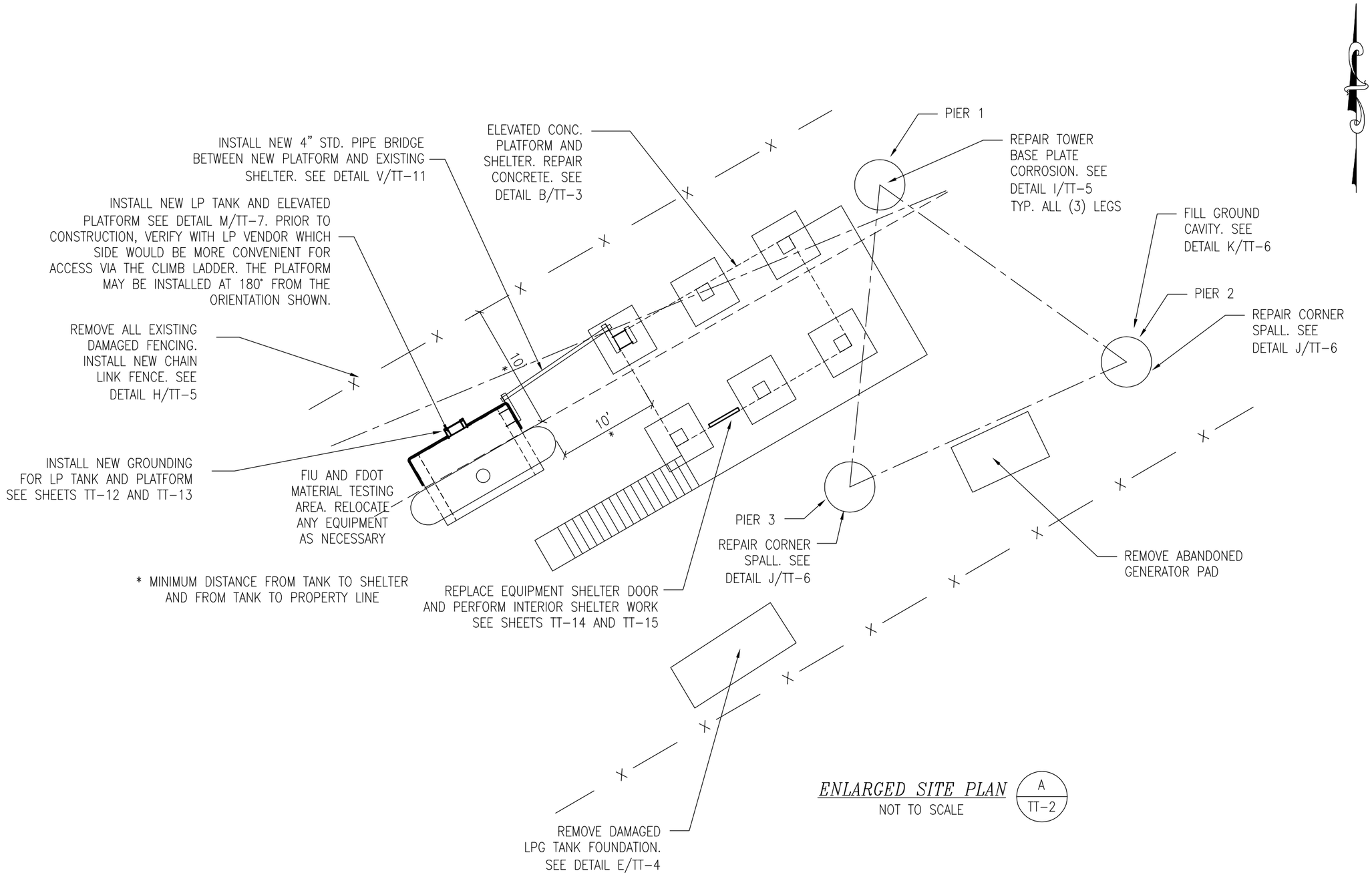
DESIGNED BY RR
DRAWN BY MH
CHECKED BY RR
APPROVED BY

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

JOB TITLE
SITE REPAIR OF STORM DAMAGE
TEA TABLE SITE
FOR
FDOT

DRAWING TITLE
SITE PLAN

JOB NUMBER 17-156
DRAWING NO. TT-1 OF 17
REV. 0



ENLARGED SITE PLAN (A / TT-2)
NOT TO SCALE

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
C	FOR APPROVAL	3/27/19
0	FOR CONSTRUCTION	4/2/19

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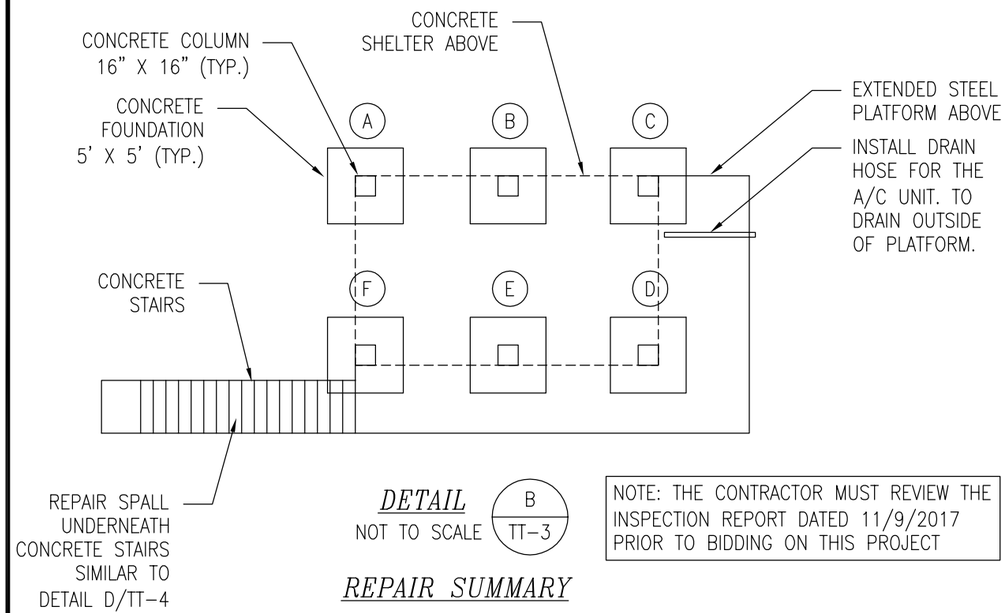
JOB TITLE
SITE REPAIR OF STORM DAMAGE
TEA TABLE SITE
FOR
FDOT

DRAWING TITLE
SITE PLAN

JOB NUMBER 17-156
DRAWING NO. TT-2 OF 17
REV. 0



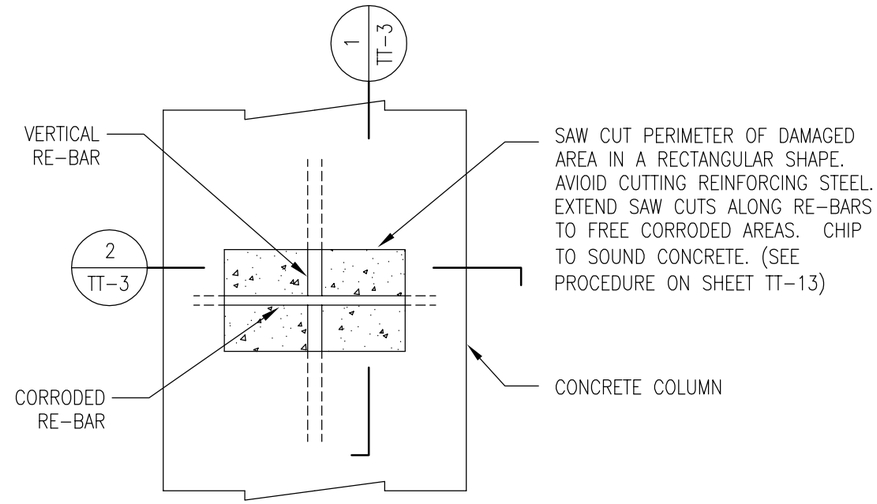
DETAIL
NOT TO SCALE
B / TT-3

NOTE: THE CONTRACTOR MUST REVIEW THE INSPECTION REPORT DATED 11/9/2017 PRIOR TO BIDDING ON THIS PROJECT

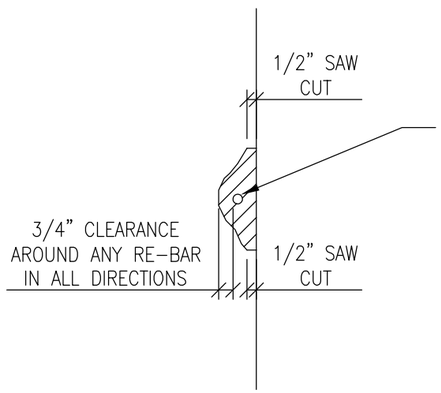
REPAIR SUMMARY

REPAIR CONCRETE COLUMNS. SEE DETAIL C/TT-3
COLUMN A: (2) FACES, AT SEVERAL LOCATIONS
COLUMN B: (1) FACE, NEAR BOTTOM
COLUMN C: (1) FACE, NEAR BOTTOM
COLUMN D: (2) FACES, AT SEVERAL LOCATIONS
COLUMN F: (1) FACE, AT SEVERAL LOCATIONS

REPAIR CONCRETE FOUNDATIONS. SEE DETAIL D/TT-4
FOUNDATION A: EDGE REPAIR
FOUNDATION B: EDGE REPAIR
FOUNDATION C: EDGE REPAIR, CAVITY ONE FACE
FOUNDATION E: EDGE REPAIR
FOUNDATION F: EDGE REPAIR



DETAIL
NOT TO SCALE
C / TT-3

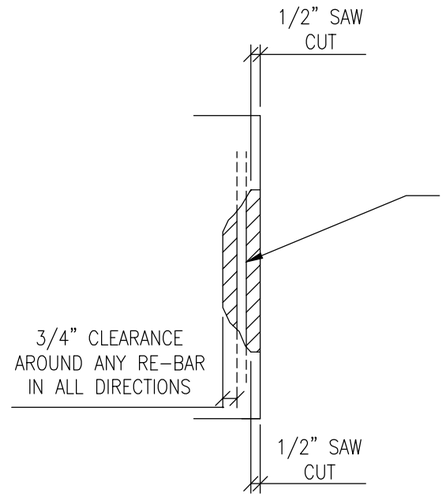


NOTE: VERTICAL RE-BARS NOT SHOWN FOR CLARITY

EXPOSE CORRODED VERTICAL OR HORIZONTAL RE-BARS. REMOVE RUST AND CLEAN RE-BAR. PREPARE SURFACE AND REPAIR CONCRETE TO MATCH EXISTING. (SEE PROCEDURE ON SHEET TT-13)

NOTE: THESE DETAILS SHOW HORIZONTAL RE-BARS. HOWEVER THIS PROCEDURE APPLIES TO ALL CORRODED VERTICAL AND HORIZONTAL RE-BARS.

SECTION
NOT TO SCALE
1 / TT-3



NOTE: THESE DETAILS SHOW HORIZONTAL RE-BARS. HOWEVER THIS PROCEDURE APPLIES TO ALL CORRODED VERTICAL AND HORIZONTAL RE-BARS.

EXPOSE CORRODED VERTICAL OR HORIZONTAL RE-BARS. REMOVE RUST AND CLEAN RE-BAR. PREPARE SURFACE AND REPAIR CONCRETE TO MATCH EXISTING. (SEE PROCEDURE ON SHEET TT-13)

NOTE: VERTICAL RE-BARS NOT SHOWN FOR CLARITY

SECTION
NOT TO SCALE
2 / TT-3

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
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0	FOR CONSTRUCTION	4/2/19

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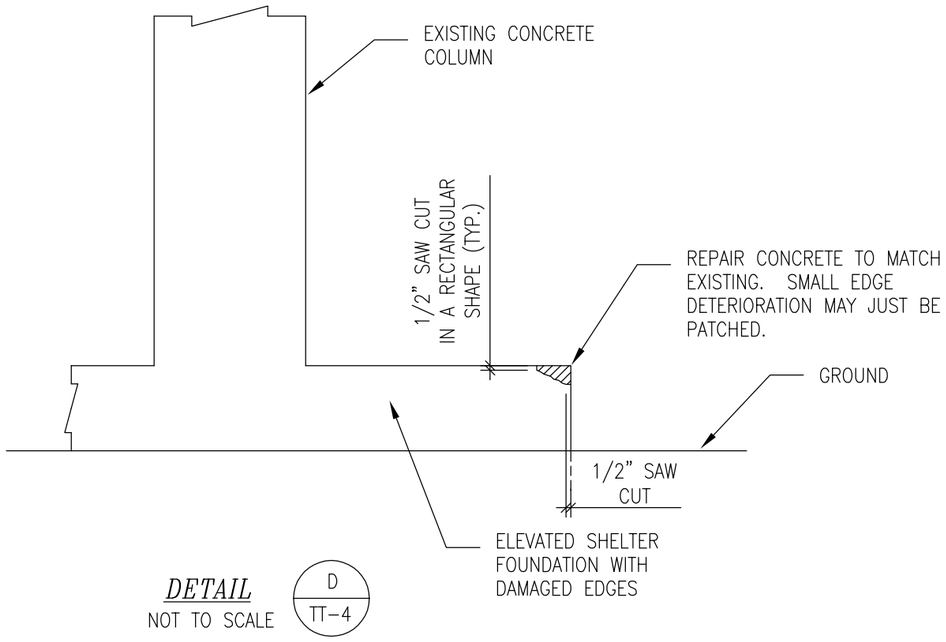
FL CERTIFICATE OF AUTHORIZATION #4524

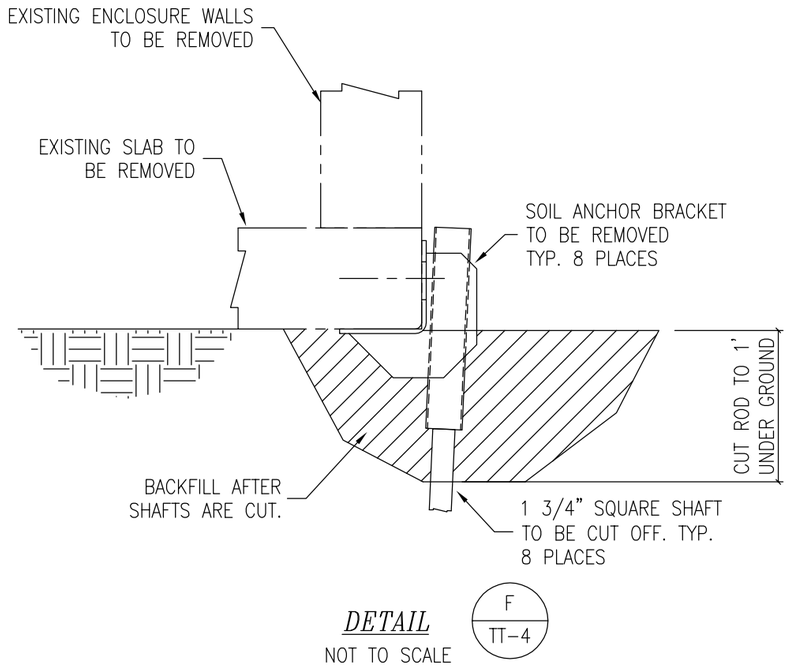
JOB TITLE
SITE REPAIR OF STORM DAMAGE
TEA TABLE SITE
FOR
FDOT

DRAWING TITLE
DETAILS

JOB NUMBER 17-156
DRAWING NO. TT-3 OF 17
REV. 0



DETAIL D / TT-4
NOT TO SCALE



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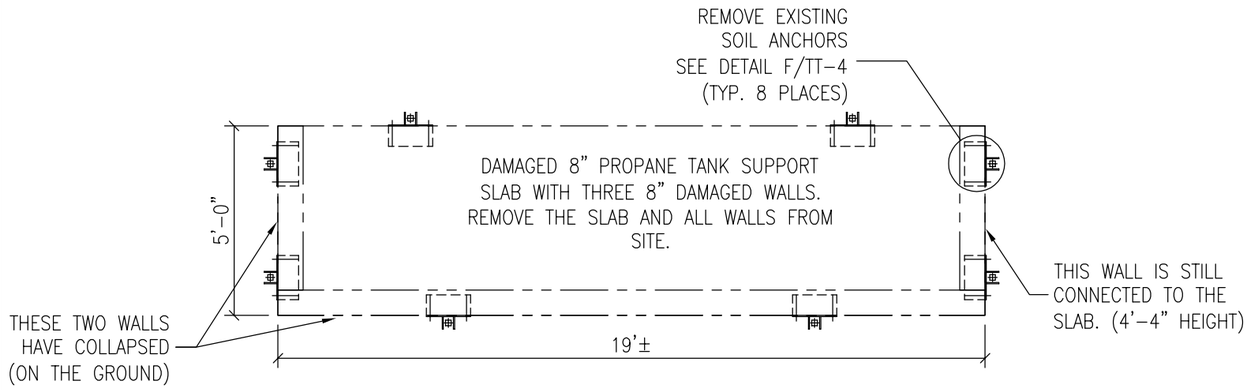

DAMAGED PROPANE TANK FOUNDATION E / TT-4
NOT TO SCALE

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
C	FOR APPROVAL	3/27/19
0	FOR CONSTRUCTION	4/2/19

REV.	DESCRIPTION	DATE

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APPROVED BY

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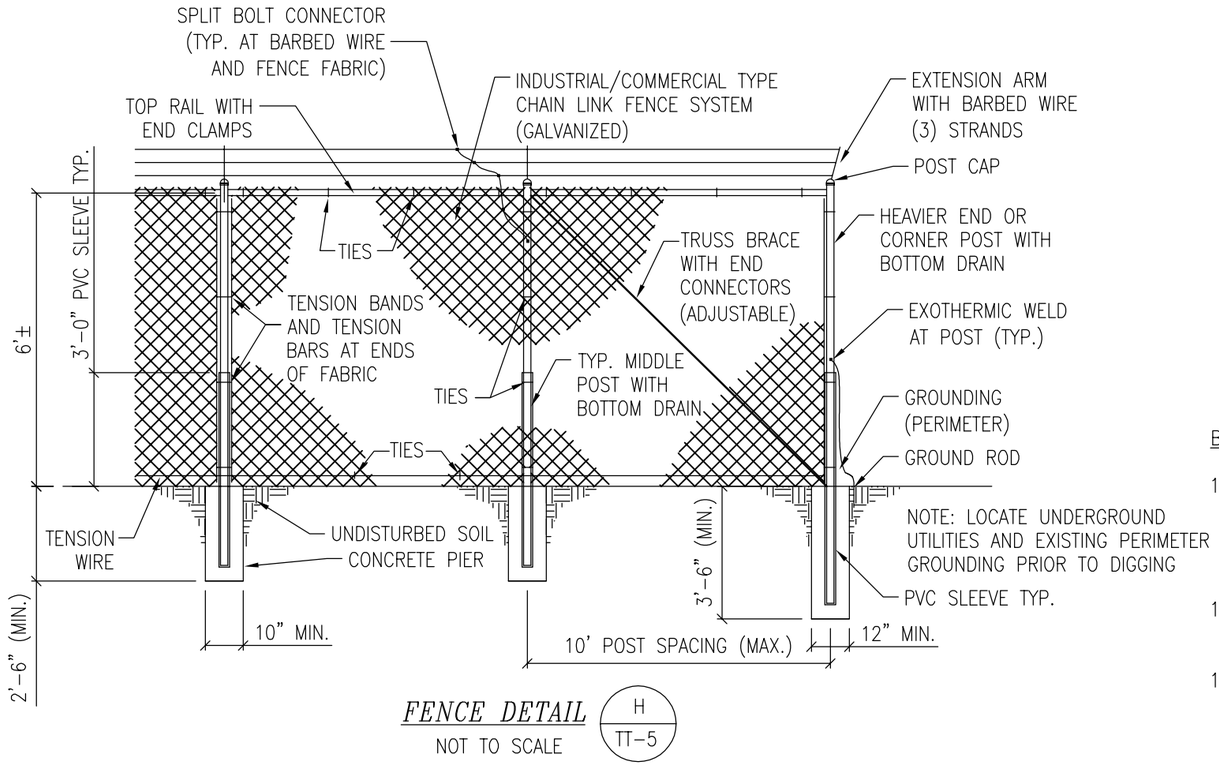
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

JOB TITLE
SITE REPAIR OF STORM DAMAGE
TEA TABLE SITE
FOR
FDOT

DRAWING TITLE
DETAILS

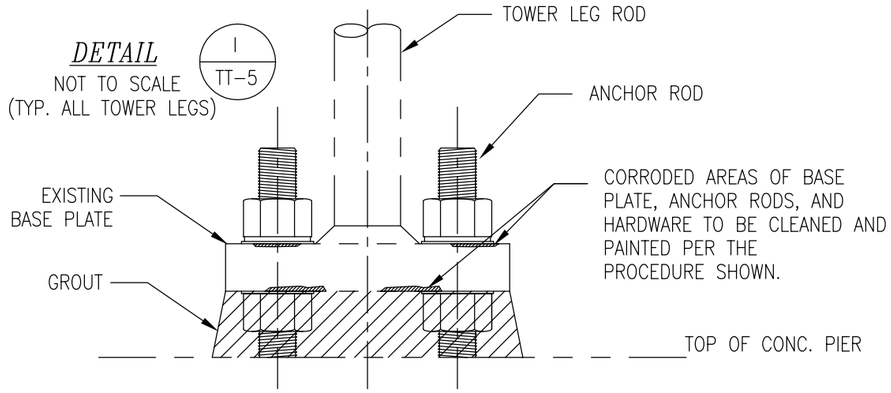
JOB NUMBER 17-156
DRAWING NO. TT-4 OF 17
REV. 0



FENCE DETAIL H / TT-5
NOT TO SCALE

FENCE NOTES:

1. THE CONTRACTOR SHALL SUBMIT A PRELIMINARY FENCE SYSTEM DESIGN FOR APPROVAL, DESIGNED PER THE FLORIDA BUILDING CODE 6TH EDITION (2017), AND FDOT FENCE TYPE B.
2. THE CONTRACTOR SHALL PROVIDE A COMPLETE CHAIN LINK SYSTEM IN COMPLIANCE WITH THE MINIMUM REQUIREMENTS SHOWN ON THIS DETAIL, AND FDOT FENCE TYPE B.
3. THE CONTRACTOR SHALL SUBMIT A PRELIMINARY GATE DESIGN. DOUBLE GATES ARE TO BE INSTALLED AT BOTH ENDS OF THE SITE AS SHOWN ON THE MAIN SITE PLAN. THE DOUBLE GATES SHALL HAVE A 20–FT OPENING.
4. THE APPROXIMATE SITE AREA TO BE FENCED IS 170–FT X 48–FT.
5. THE FENCE AND ALL COMPONENTS SHALL BE HOT–DIPPED GALVANIZED.
6. THE EXISTING DAMAGED FENCE AND ALL COMPONENTS SHALL BE REMOVED FROM THE SITE.
7. ATTACH NEW FENCE TO EXISTING PERIMETER GROUNDING.
8, FDOT FENCE TYPE B DRAWINGS, INDEX 550–002, 3 SHEETS, SHALL BE REVIEWED FOR SPECIFIC INFORMATION.
9. ALL FENCE POST BASES BELOW GRADE SHALL BE FULLY SLEEVED WITH PVC TO A HEIGHT OF 3' ABOVE GRADE.
10. INSIDE DIAMETER OF PVC SLEEVE SHALL BE WITHIN 1/2" OF THE OUTSIDE DIAMETER OF THE FENCE POSTS. INTERIOR POSTS MAY HAVE A SMALLER DIAMETER THAN CORNER, END AND GATE POSTS.
11. EACH CORNER FENCE POST SHALL BE BONDED TO THE NEAREST LOCATION OF THE PERIMETER GROUND RING USING #2 AWG OR LARGER BARE, TINNED COPPER CONDUCTORS. THE GROUNDING CONDUCTORS SHALL BE BURIED TO THE SAME DEPTH AS THE PERIMETER GROUND RING.
12. THE FENCE FABRIC NEAR EACH CORNER BONDING POINT SHALL BE BONDED TO THE PERIMETER GROUND RING. THE FENCE FABRIC GROUNDING CONNECTIONS SHALL BE MADE IN AT LEAST THREE POINTS DOWN THE FENCE FABRIC.
13. ALL GATE POSTS SHALL BE BONDED TO THE NEAREST LOCATION OF THE PERIMETER GROUND RING USING #2 AWG OR LARGER BARE, TINNED COPPER CONDUCTORS.



DETAIL I / TT-5
NOT TO SCALE
(TYP. ALL TOWER LEGS)

BASE PLATE, ANCHOR ROD, AND HARDWARE CORROSION REPAIR PROCEDURE

1. MATERIALS:

COLD GALVANIZING COMPOUND – FIRST ZINC (95% ZINC) WELD–AID PRODUCTS OR ZRC COLD GALVANIZING (95% ZINC).

1.1 EQUIVALENT MATERIALS MAY BE PROPOSED AT THE TIME OF BIDDING. SUCH SUBSTITUTIONS MUST BE APPROVED BY THE ENGINEER.

1.2 ALL MATERIALS SHALL BE HANDLED, SHIPPED, STORED, AND APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. SURFACE PREPARATION SHALL BE MADE IN ACCORDANCE WITH THESE DRAWINGS AND THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

2. WORK PROTECTION FOR OTHER ITEMS:

2.1 PRIOR TO BIDDING ON THIS PROJECT, THE CONTRACTOR SHALL VISIT THE SITE TO DETERMINE ITEMS AND COMPONENTS AROUND THE BASE PLATES THAT NEED TO BE PROTECTED DURING CONSTRUCTION.

2.2 WHERE OTHER ITEMS INTERFERE OR MAY BE DAMAGED DURING THIS WORK, THEY SHALL BE PROPERLY PROTECTED.

2.3 THESE OTHER ITEMS AND COMPONENTS MAY INCLUDE CONDUITS, TRANSMISSION LINES, GROUNDING, ETC.

3. PROCEDURE TO REMOVE STEEL CORROSION:

4.1 REMOVE LARGE RUST SCALES AND DELAMINATED STEEL FROM THE ANCHOR RODS, NUTS, AND BASE PLATES WITH HAND TOOLS AS REQUIRED.

4.2 REMOVE ANY REMAINING RUST AND CLEAN STEEL USING A FIRM AND HEAVY DUTY WIRE BRUSH, OR SIMILAR TOOL.

4.3 COMPLETE SURFACE CLEANING TO REMOVE RESIDUAL DUST, DEBRIS, FRACTURED GROUT AND SURFACE RUST. USE ABRASIVE BLASTING OR PRESSURE WASHING FOR THIS FINAL SURFACE CLEANING, AS REQUIRED.

4. APPLICATION OF COLD GALVANIZING:

5.1 THE STEEL ON THE BASE PLATES, THE ANCHOR RODS, NUTS, WASHERS AND ANY OTHER DAMAGED STEEL COMPONENTS SHALL BE COATED WITH THE COLD GALVANIZING COMPOUND.

5.2 THE COLD GALVANIZING COMPOUND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. MULTIPLE COATS MAY BE REQUIRED TO PROPERLY PROTECT THE STEEL. RECOAT TIME SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
C	FOR APPROVAL	3/27/19
0	FOR CONSTRUCTION	4/2/19

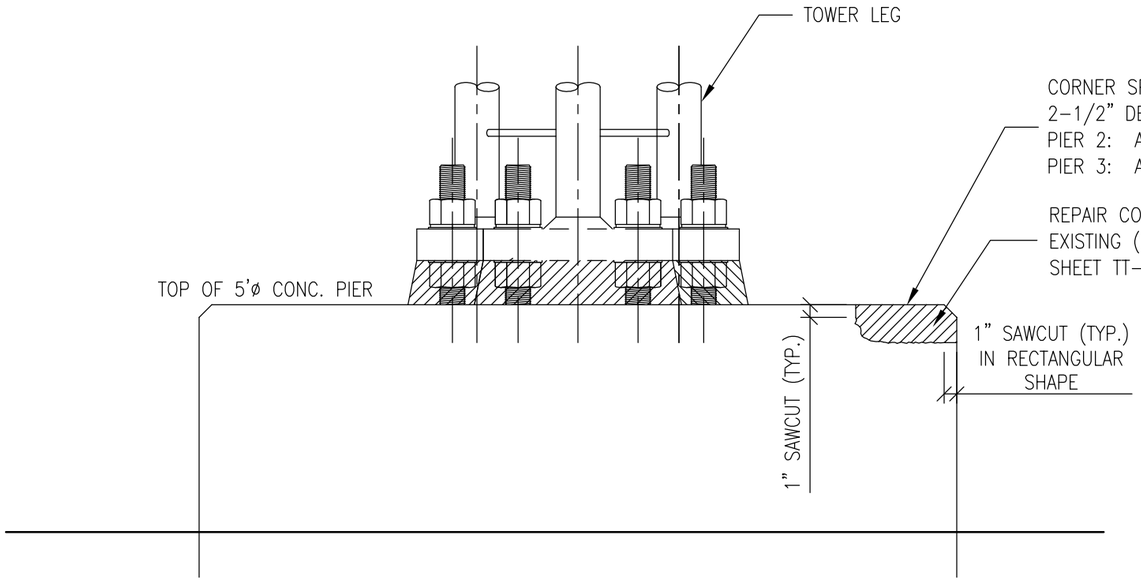
DESIGNED BY RR
DRAWN BY MH
CHECKED BY RR
APPROVED BY

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

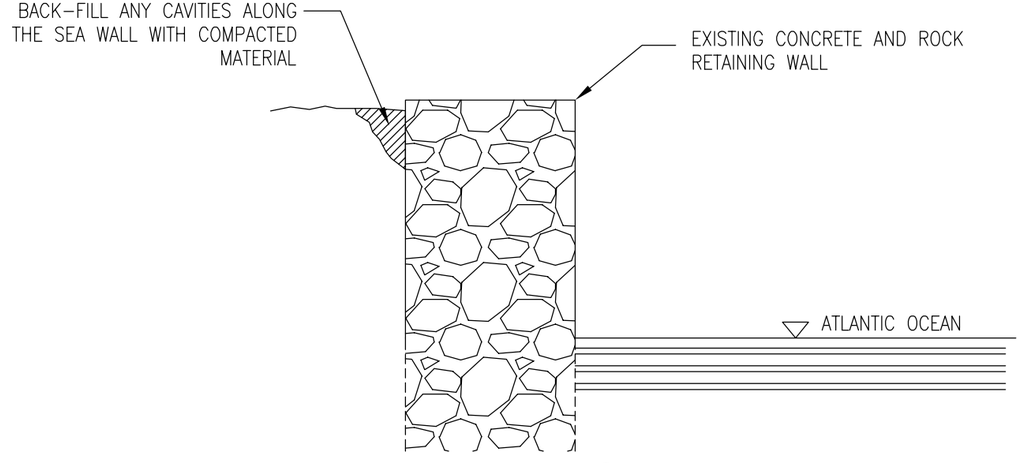
JOB TITLE
SITE REPAIR OF STORM DAMAGE
TEA TABLE SITE
FOR
FDOT

DRAWING TITLE
DETAILS

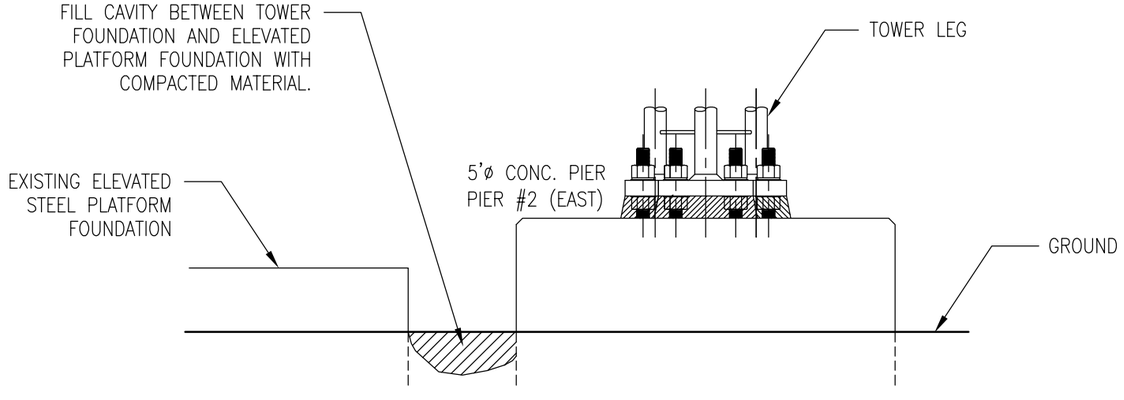
JOB NUMBER 17-156
DRAWING NO. TT-5 OF 17
REV. 0



DETAIL J / TT-6
NOT TO SCALE
(TYP. ALL TOWER LEGS)



DETAIL L / TT-6
NOT TO SCALE



DETAIL K / TT-6
NOT TO SCALE

DRAWING RECORD

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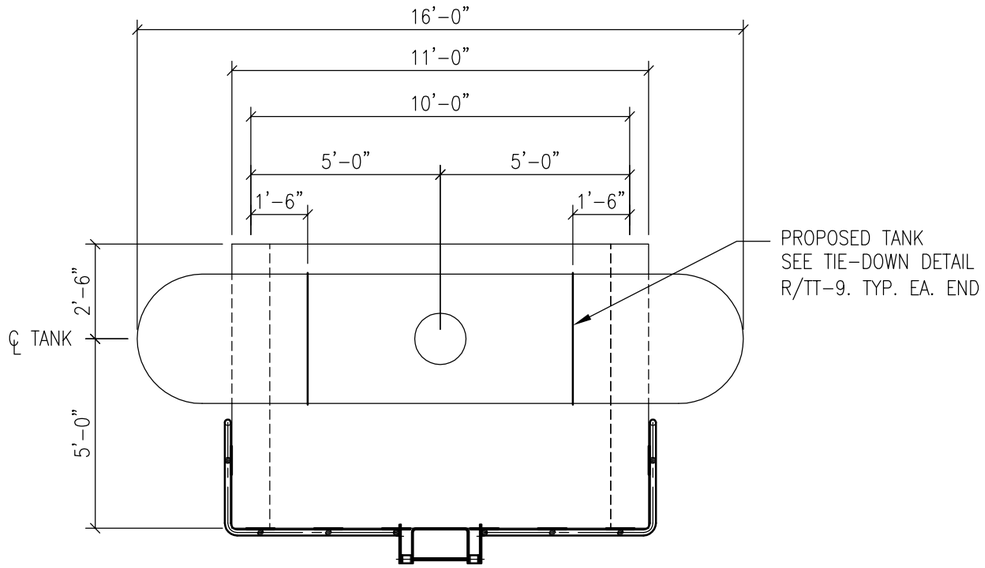
JOB TITLE
SITE REPAIR OF STORM DAMAGE
TEA TABLE SITE
FOR
FDOT

DRAWING TITLE
DETAILS

JOB NUMBER 17-156
DRAWING NO. TT-6 OF 17
REV. 0



TANK INSTALLATION NOTES

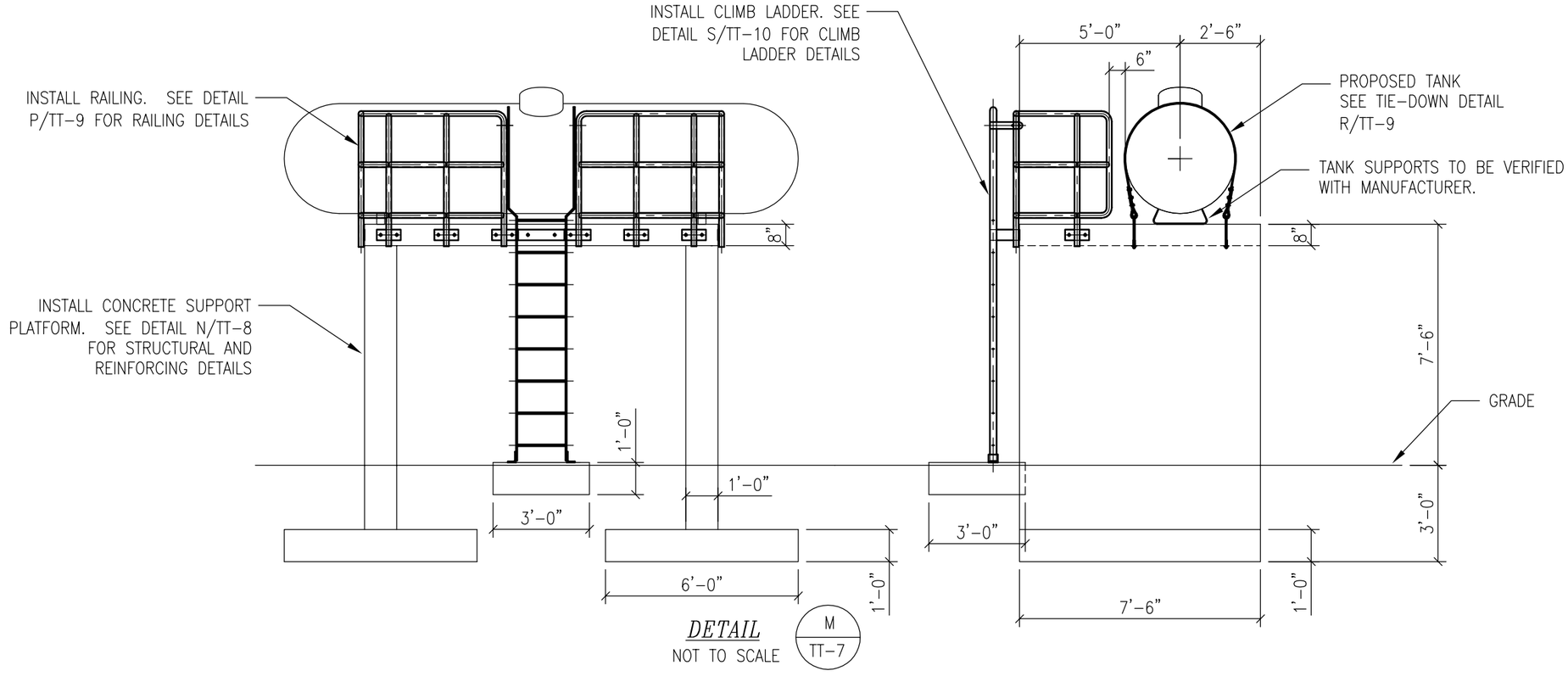
1 THE TANK INSTALLATION, WORK AND MATERIALS SHALL COMPLY WITH THE FLORIDA BUILDING CODE 6TH EDITION (2017), NFPA, STANDARDS, LOCAL BUILDING CODE AND REGULATIONS, TANK MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS, AND OSHA SAFETY REGULATIONS.

2. THE TANK SHALL BE INSTALLED BY THE LOCAL PROPANE RETAILER, AMERIGAS. THE RETAILER IS LOCATED AT 86400 OVERSEAS HIGHWAY, ISLAMORADA, FL, 33036. (305) 852-2283

3. PRIOR TO STARTING ANY WORK ON THE PROJECT, THE CONTRACTOR SHALL PROVIDE A COPY OF THE DRAWINGS TO THE LOCAL PROPANE RETAILER. THE CONTRACTOR AND THE PROPANE RETAILER SHALL COORDINATE A SITE VISIT TO DISCUSS THE TANK INSTALLATION, LOCATION, SERVICE AND MAINTENANCE. THE RETAILER SHALL VERIFY IN WRITING THAT ALL ACTIVITIES PREVIOUSLY DESCRIBED WILL BE PROPERLY PERFORMED FOR THE TANK AS SHOWN ON THESE DRAWINGS.

4. THE SITE VISIT SHALL INCLUDE AN INSPECTION OF THE GENERATOR AND ANY OTHER EQUIPMENT TO BE PART OF THE SYSTEM.

5. IN THE EVENT THAT CHANGES TO THESE DRAWINGS ARE REQUIRED, THE CONTRACTOR SHALL CONTACT THE ENGINEER AND THE FDOT FOR APPROVAL.



DETAIL
NOT TO SCALE
M / TT-7

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
C	FOR APPROVAL	3/27/19
0	FOR CONSTRUCTION	4/2/19

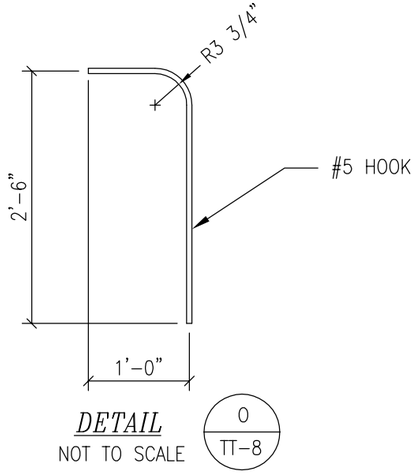
DESIGNED BY RR
DRAWN BY MH
CHECKED BY RR
APPROVED BY

Pate Engineering Inc.
13540 N. FLORIDA AVE. SUITE 203
TAMPA, FLORIDA 33613
813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

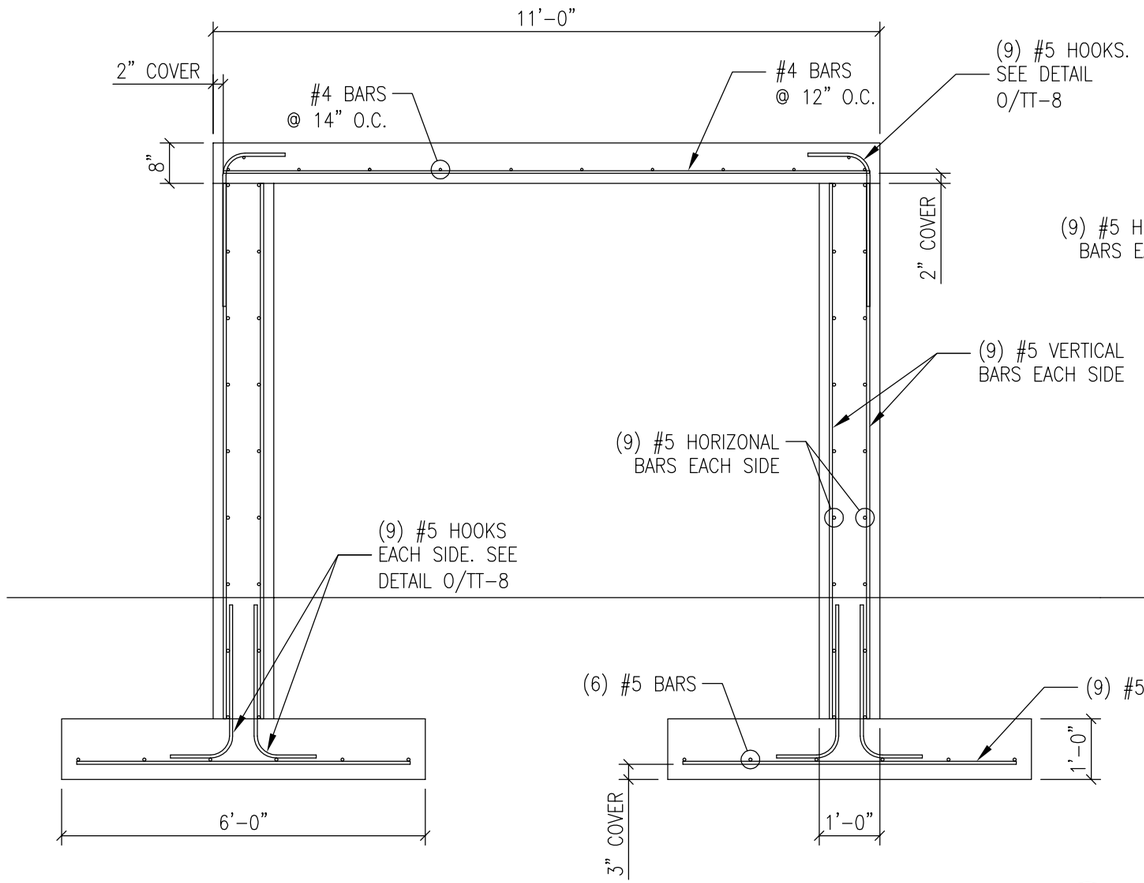
JOB TITLE
SITE REPAIR OF STORM DAMAGE
TEA TABLE SITE
FOR
FDOT

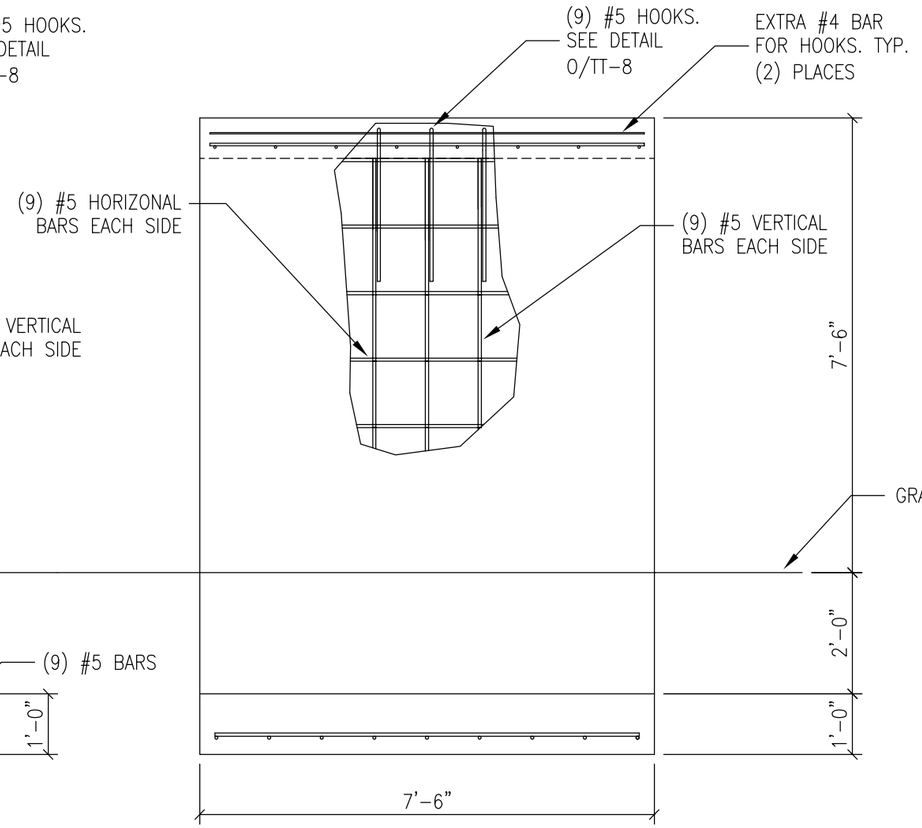
DRAWING TITLE
DETAILS

JOB NUMBER 17-156
DRAWING NO. TT-7 OF 17
REV. 0



DETAIL
NOT TO SCALE
0
TT-8





DETAIL
NOT TO SCALE
N
TT-8

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
C	FOR APPROVAL	3/27/19
0	FOR CONSTRUCTION	4/2/19

REV.	DESCRIPTION	DATE

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APPROVED BY

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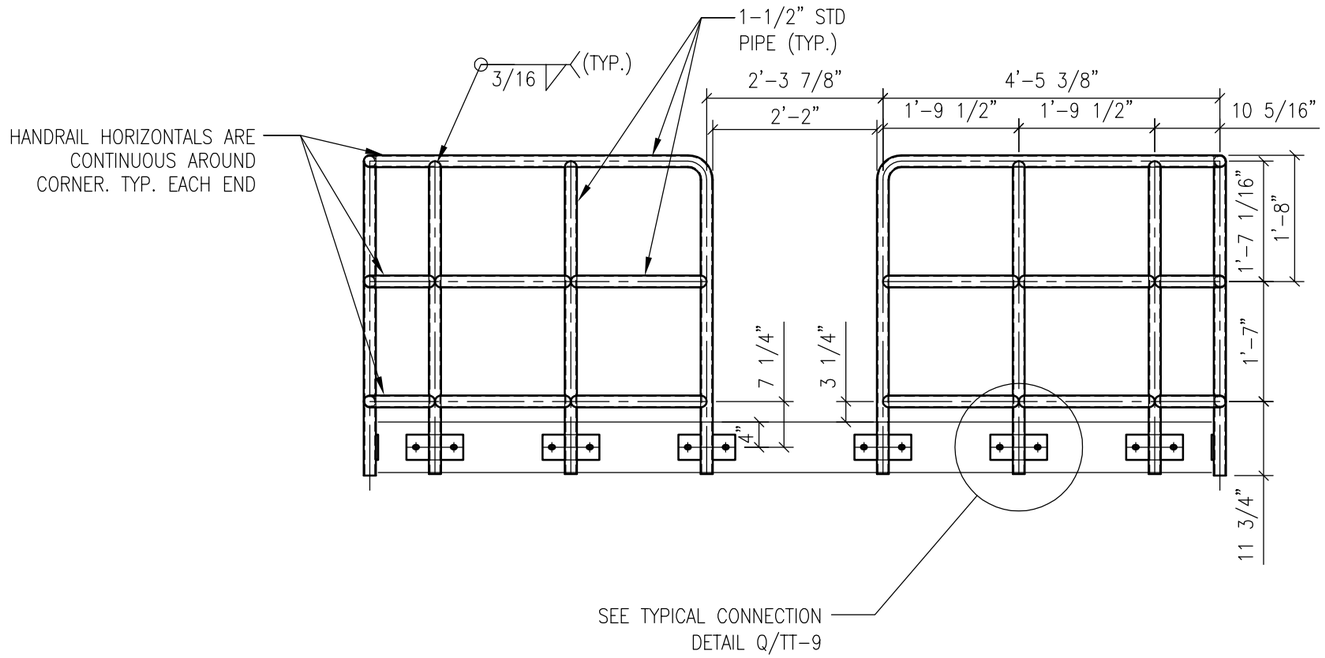
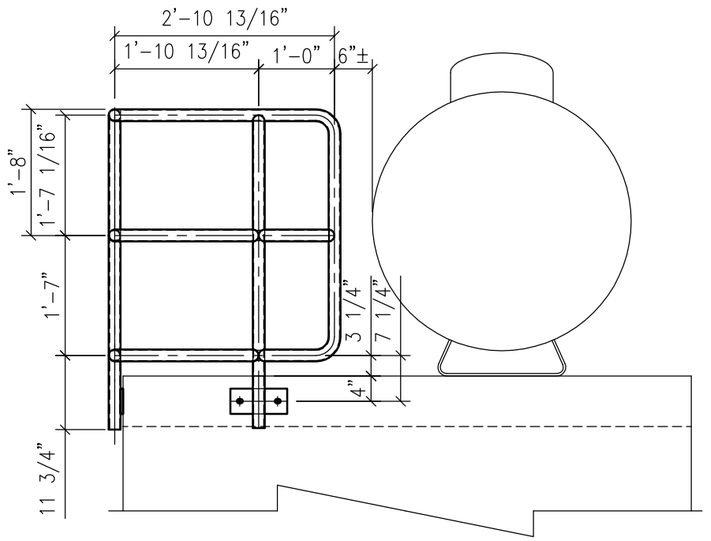
TEA TABLE SITE
FOR
FDOT

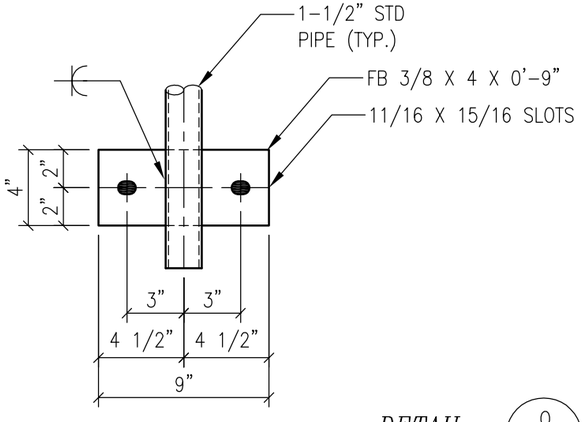
DRAWING TITLE
DETAILS

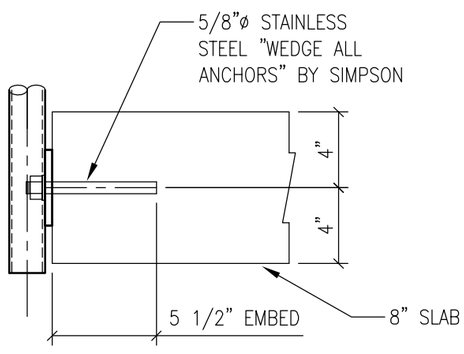
JOB NUMBER 17-156
DRAWING NO. TT-8 OF 17
REV. 0



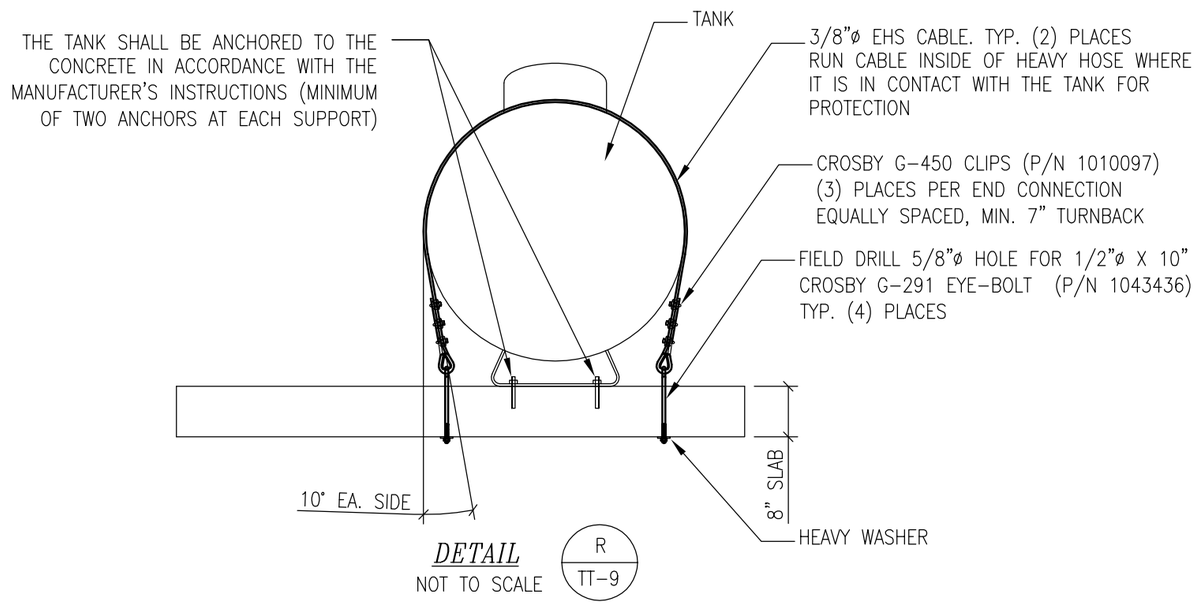
DETAIL
NOT TO SCALE
P
TT-9







DETAIL
NOT TO SCALE
Q
TT-9



DETAIL
NOT TO SCALE
R
TT-9

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
C	FOR APPROVAL	3/27/19
0	FOR CONSTRUCTION	9/2/19

REV.	DESCRIPTION	DATE

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DRAWN BY MH
CHECKED BY RR
APPROVED BY

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813-960-0002
FL CERTIFICATE OF AUTHORIZATION #4524

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FOR
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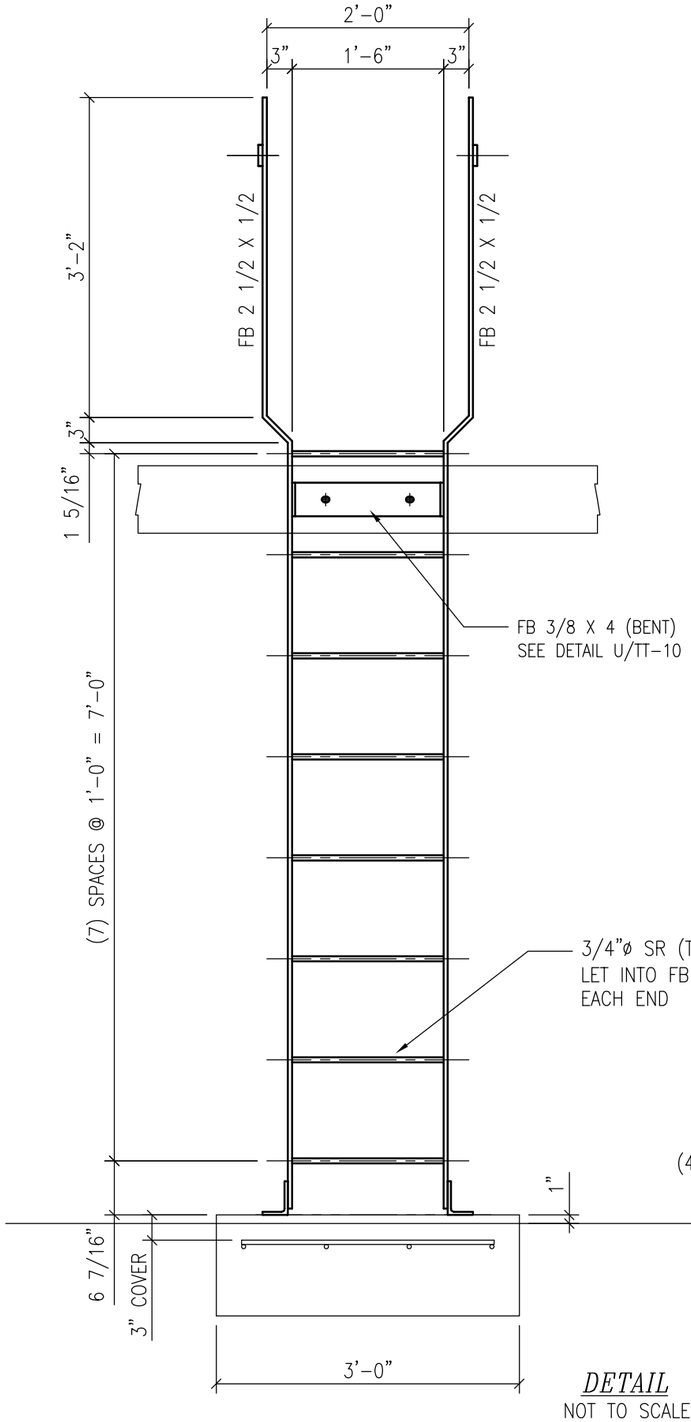
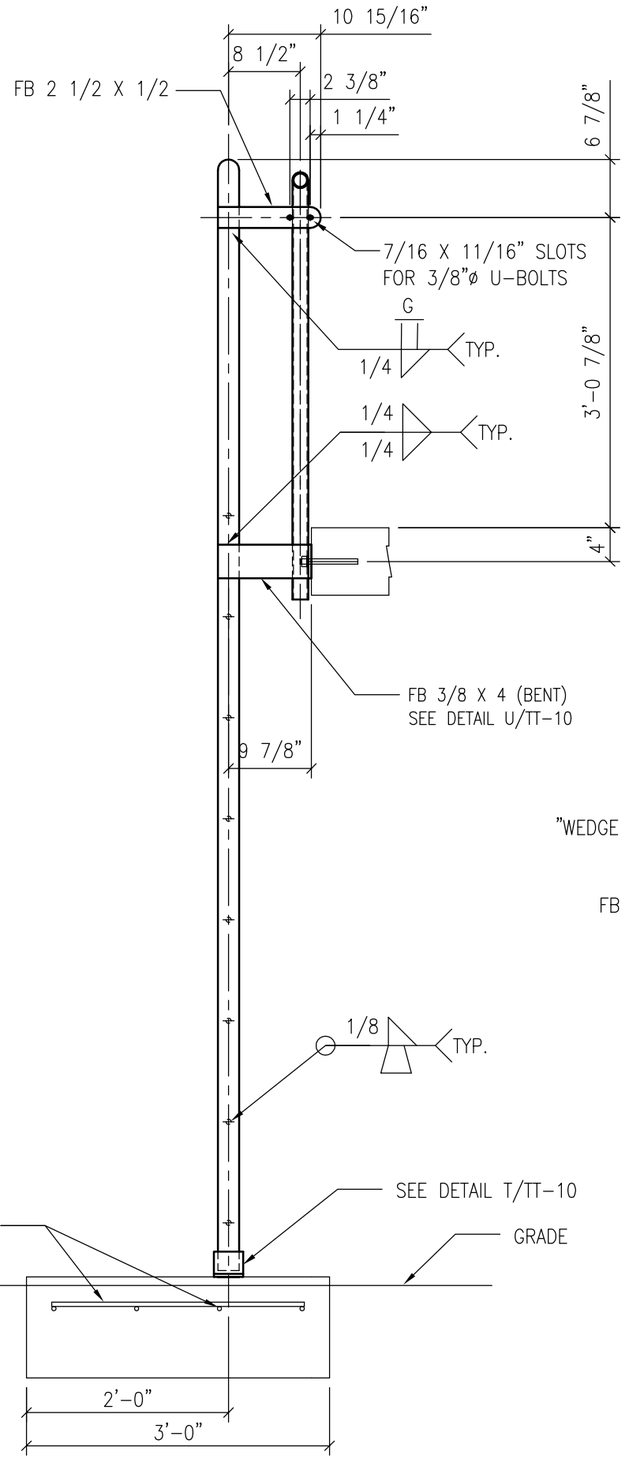
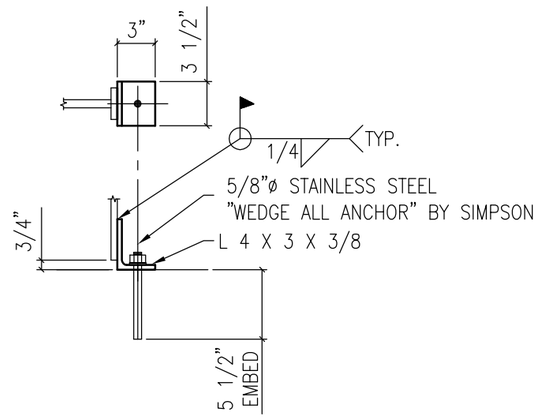
DRAWING TITLE
DETAILS

JOB NUMBER 17-156
DRAWING NO. TT-9 OF 17
REV. 0

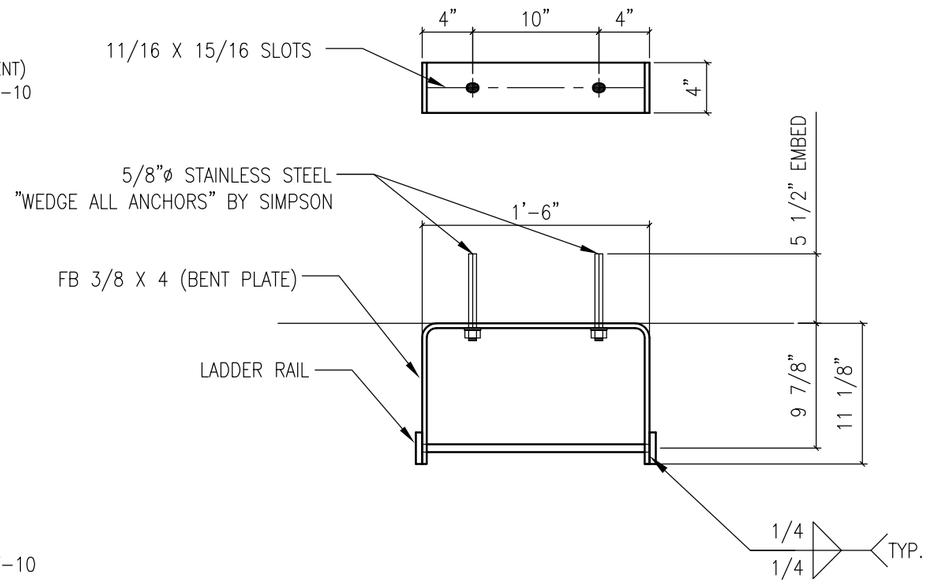


DETAIL
NOT TO SCALE
S / TT-10





TYPICAL DETAIL AT BOTTOM OF LADDER
NOT TO SCALE
TYPICAL AT TWO (2) LOCATIONS
T / TT-10



DETAIL AT LADDER CONNECTION TO SLAB
NOT TO SCALE
U / TT-10

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
C	FOR APPROVAL	3/27/19
0	FOR CONSTRUCTION	4/2/19

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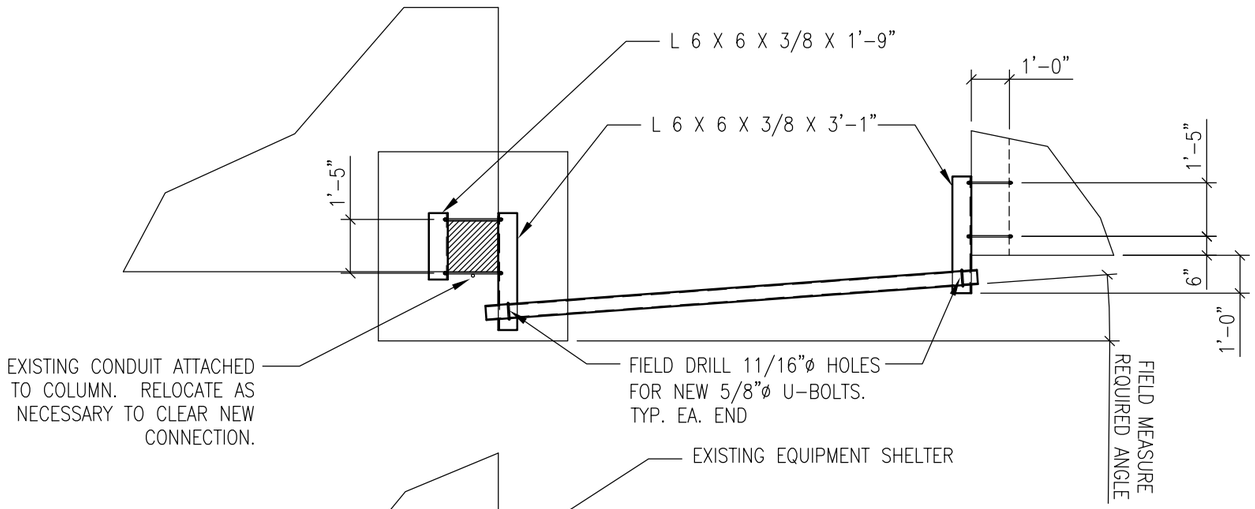
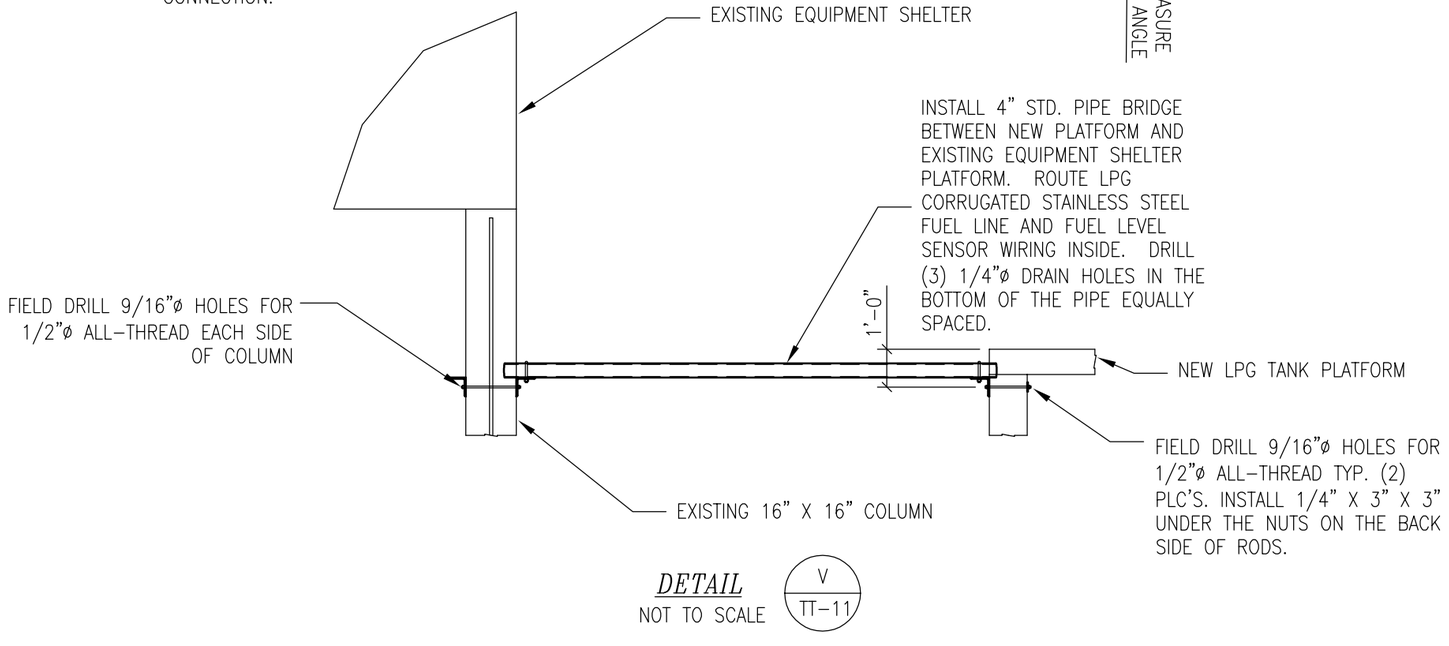
DETAILS

JOB NUMBER 17-156
DRAWING NO. TT-10 OF 17
REV. 0





DETAIL
NOT TO SCALE

V
TT-11

DRAWING RECORD

REV.	DESCRIPTION	DATE
A	FOR APPROVAL	7/31/18
B	FOR APPROVAL	1/25/19
C	FOR APPROVAL	3/27/19
0	FOR CONSTRUCTION	4/2/19

REV.	DESCRIPTION	DATE

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DETAILS

JOB NUMBER 17-156
DRAWING NO. TT-11 OF 17
REV. 0