

## **Underground Distribution Manhole and Conduit System**

### **1. SCOPE**

It is the intent of these Contract Documents to provide contractor services for the installation of a manhole and conduit system for the extension of JEA's Point Meadows Ckts 233, 234, & 235. The Contractor shall provide all labor, supervision, equipment, and materials (except as otherwise noted) which are necessary to complete the Work within the time stipulated, and to comply with the plans furnished and with the requirements of these specifications.

The Work specified within these Contract Documents include the installation of pre-cast manholes, conduit, and other associated material within the project limits.

### **2. GENERAL INTENT**

**2.1.** All Work shall be done in a safe and professional manner, so as to render a neat and uniform appearance.

All material shall be handled in such a way as to preserve its finish and protective coatings. General arrangement shall be in accordance with JEA Underground Distribution Construction Standards and Street Light Standards and satisfactory to the Contract Administrator. The JEA Underground Distribution Standards are located at

[https://www.jea.com/Engineering\\_and\\_Construction/Electric\\_Reference\\_Materials/](https://www.jea.com/Engineering_and_Construction/Electric_Reference_Materials/).

### **3. CONSTRUCTION DRAWINGS**

**3.1.** The Construction Drawings consist of plan views of the entire project showing the manhole and conduit system locations with the expected size and number noted. See Exhibit B.

### **4. JEA UNDERGROUND DISTRIBUTION CONSTRUCTION STANDARDS**

**4.1.** This publication provides standard engineering, design and construction practices for JEA. It contains Standard Construction Plates which illustrate the various Standards as well as providing written specifications, construction notes and a list of required materials. The JEA Underground Distribution Standards are located at

[https://www.jea.com/Engineering\\_and\\_Construction/Electric\\_Reference\\_Materials/](https://www.jea.com/Engineering_and_Construction/Electric_Reference_Materials/).

**4.2.** Where applicable, all work will be performed as specified by the JEA Underground Electric Distribution Construction Standards which shall be considered as part of the specifications.

**4.3.** Revisions to these Standards shall also be considered as part of these specifications. If such revisions substantially change the cost of installation of a unit, the price for such unit shall be handled in accordance with the terms and conditions of the contract.

### **5. CONTRACTOR LOCATING EQUIPMENT**

**5.1.** The Contractor is responsible for calling in utility locates per state law.

### **6. EXCAVATIONS**

**6.1.** All excavations shall be made in compliance with Occupational Safety and Health Administration (OSHA) Regulations.

**6.2.** De-watering, sheeting and shoring shall be at the discretion of the Contractor and the allowance for the cost of same shall be included in the Bid.

**6.3.** All excavations are to be backfilled and compacted to the original degree of compaction, unless otherwise indicated. In addition, those excavations on City, County or State right-of-ways are to be compacted by the procedures and to the densities required by the governing authority. Refer to JEA Underground Electric Distribution Construction Standards at Section III Earthwork.

**6.4.** Storage of excavated material shall be the responsibility of the Contractor. Material unsuitable for backfill or excess backfill material shall be disposed of by the Contractor.

## 7. AS-BUILT DRAWINGS

**7.1.** The Contractor shall provide to the JEA Representative one complete color coded set of "As-built" Drawings, and one Xerox black & white copy set of the color coded set to the JEA Representative after completion of the Work and within ten business days. The "As-Built" Drawings shall be dimensioned and abbreviated in accordance with the JEA "Detailed Underground Electric As-Built Standards". The dimension markings and color codes shall be as follows:

**Red – primary distribution conduit (2")**  
**Purple – primary distribution conduit (4")**  
**Orange – primary feeder conduit (6")**  
**Green – secondary street light conduit (1")**  
**Navy – other secondary conduit (3")**

**7.2.** The Contractor shall be responsible for keeping all project construction as-built records and prints for a period of 24 months (2 years) from completion of the project in the event JEA requires additional prints provided by the Contractor, and shall include this in the Bid Price.

## 8. SITE RESTORATION

**8.1.** It is the policy of the JEA to restore all property, both public and private, to as good or better condition than when the construction began. Area shall be restored to the satisfaction of the JEA Representative, adjacent property owners and, if in the right-of-way, meet the requirements of the agency having jurisdiction.

**8.2.** Streets, sidewalks and other paved areas are to be replaced in accordance with JEA Underground Distribution Construction Standards, Section VIII - Surface Work, and/or the "City Standard Specifications for the City of Jacksonville" and/or the Florida DOT "Standard Specifications for Road and Bridge Construction/Plans & Preparation Manual (PPM)/Florida DOT Roadway & Traffic Design Standards", where applicable. It should be noted that saw cutting of pavement to clean straight lines is required as well as replacement of sidewalks to construction joints.

## 9. AREAS OF CONSTRUCTION

The area of work will be within the Point Meadows Dr & Gate Pkwy Right-of-Way and JEA Utility easement as shown in the contract drawings. Any FDOT Permit requirements for MOT and Work Hours must be adhered to.

## 10. EXPLANATION OF BID WORK

### 10.1. Directional Bore

**10.1.1.** Contractor will install conduits using directional boring equipment under existing street, roadway or any other surface without disturbing said surface. Conduits shall be installed at the minimum depth, within the limits specified in the Contract Documents and in accordance with JEA Underground Distribution Construction Standards; and these conduits shall include pull rope/flat strap as a means to pull back cables. This item shall include the digging and restoration of all pits necessary to complete the installation. De-watering, sheeting and shoring, if required, shall be included in the Bid Item. Backfill and compaction shall be such as to attain the original degree of consolidation. All conduits will be tied in within three (3) working days of installation. Area shall be restored to the satisfaction of the JEA Representative, adjacent property owners and, if in the right-of-way, meet the requirements of the agency having jurisdiction.

**10.1.2.** The JEA may elect to supply the conduit on a reel and the associated fittings. Should the JEA elect to have the Contractor supply the conduit and fittings, the costs shall be reimbursed on an L.E.M. basis. The conduit and fittings shall meet the JEA specifications as referenced in this Appendix A.

## **10.2. Trench**

**10.2.1.** This item includes the cost of excavating trench of every description of whatever substance encountered, all in accordance with JEA Underground Distribution Construction Standards (See Section III - EARTHWORK) and Project Documents.

**10.2.2.** The Contractor shall provide such dewatering, well-pointing, sheeting and shoring, as may be required to support the sides of any excavation. Labor, equipment and material to provide such support, and to hold any pole to prevent its falling due to excavation, as well as the cost of required compaction tests shall be paid by the Contractor and included in the Bid.

**10.2.3.** In the event the Contractor excavates below the grade required, the Contractor shall at its own expense backfill and compact material as specified by the Project Engineer.

**10.2.4.** In the event that unsuitable base material is encountered and is designated to be replaced or unsuitable backfill is designated to be replaced, measurement and payment will be made on the basis of the appropriate item as set forth in the contract.

## **10.3. Manholes**

**10.3.1.** The item shall consist of a complete "package" which shall include excavation, installation and backfilling, all in accordance with JEA Underground Distribution Construction Standards, (See Section IV, CONCRETE).

**10.3.2.** Dimensions of structure sizes indicated in the JEA description column are nominal inside dimensions. The dimensions of the excavation required to set the various sized structures shall be based on the limits of excavation for these items.

**10.3.3.** The Contractor shall do all the excavating of every description of whatever substance encountered, backfill, and compact the excavation to the required densities. The Contractor shall provide such dewatering, well-pointing, sheeting and shoring as may be required to support the sides of the excavation. Labor, equipment and material to provide such support, and hold any pole to prevent its falling due to excavation, as well as the cost of required compaction tests shall be paid by the Contractor and included in the Unit Price.

**10.3.4.** In the event the Contractor excavates below the grade required, the Contractor shall at its own expense backfill and compact material as specified by the Project Engineer.

**10.3.5.** In the event that unsuitable base material is encountered and is designated to be replaced or unsuitable backfill is designated to be replaced, measurement and payment will be made on the basis of the appropriate item as set forth in the contract.

**10.3.6.** Pre-cast concrete structures will be furnished by the JEA and will be delivered. The Contractor shall give the manufacturer 48 hours' notice as to the desired delivery, time and date. The Contractor will be required to unload, stage, and set the pre-cast structure. Such operations shall be at the Contractor's expense.

#### **10.4. PVC Manholes**

**10.4.1.** Install items include the cost of excavation, installation of manhole to proper grade, cutting holes in floor or wall for up to six (6) elbow or conduit entrance, base course, backfill, and compaction. All in accordance with JEA Underground Distribution Construction Standards (See Section IV - CONCRETE) and Project Documents.

#### **10.5. Direct Buried Conduit**

**10.5.1.** Contractor will install conduits, couplings, plugs, markers, pull cord and marking tape, all in accordance with the JEA Underground Distribution Construction Standards. The ducts, so installed, shall furnish a continuous path for the installation of cable between manholes, riser poles, transformers, equipment cabinets or any combination thereof.

**10.5.2.** All ducts shall be proven with a mandrel which has been approved by the JEA Standards Committee and which is no more than 1/2" smaller than the duct diameter before it is accepted. A pull string shall be installed in any conduit which is so designated. Duct failing to pass the proper mandrel shall be replaced/repaired at the expense of the Contractor.

#### **10.6. Pads & Pits**

**10.6.1.** Pads - Contractor shall set precast concrete pads in accordance with JEA Underground Distribution Construction Standards. Pad shall be level and set so that no part of the pad is lower than "finish" grade. Prior to setting of pad, ells are to be installed as per the Conduit Plate, and soil shall be compacted to original degree of consolidation. Additional backfill material, if required, shall be included in the Bid Item.

**10.6.2.** Pits - Contractor shall set precast concrete pits in accordance with JEA Underground Distribution Construction Standards. Prior to setting of pit, ells are to be installed as per Conduit Plate and soil shall be compacted in 12 inch lifts to achieve 95% compaction. Storage and/or disposal of excavated material shall be included in the Bid Item. Contractor shall furnish and install granular fill material in the splay opening around the conduit ells in the bottom of the pit.

#### **10.7. Grounding**

**10.7.1.** This item includes the cost to install a minimum of three ground rods and up to a maximum of eight (8) ground rods in an effort to achieve a reading of 25 ohms or less. If the 25 ohm reading is not reached with eight (8) rods, Contractor will record the ground resistance achieved. Reading will be recorded on the inside of the transformer/cabinet with an indelible marker.

**10.7.2.** Ground rods, couplings, wire and connections will be installed in accordance with JEA Underground Distribution Construction Standards (See Section VII - Secondary Systems) and Project Documents.

**10.8.** Sidewalk

**10.8.1.** Concrete Sidewalk Removal - This item includes the cost to remove concrete as required, all in accordance with JEA Underground Distribution Construction Standards (See Section VIII - SURFACE WORK) and Project Documents.

**10.8.2.** Concrete Sidewalk Installation - This item includes the cost of all required form work and the furnishing, pouring and finishing of concrete, all in accordance with JEA Underground Distribution Construction Standards (See Section IV - CONCRETE) and Project Documents.

**11.** Items Supplied by Owner

**11.1.** See Exhibit C

## Exhibit A

### SPECIFICATION FOR HIGH DENSITY POLYETHYLENE, SMOOTH WALL, COILABLE CONDUIT

#### 1. GENERAL

**(REGRIND MATERIAL IS NOT ACCEPTABLE)** SMOOTH WALL DUCT MADE FROM VIRGIN HIGH-DENSITY POLYETHYLENE RESIN IS REQUIRED. THE POLYETHYLENE SHALL BE TYPE III, CATEGORY 3, CLASS C, GRADE P34 MEETING THE LATEST REQUIREMENTS OF ASTM D1248. CONSISTENT WITH THE CELL CLASSIFICATION 334420C, AS DESCRIBED IN ASTM D3350. THE FINISHED PRODUCT SHALL BE IN COMPLIANCE WITH THE DIMENSIONAL, MATERIAL, AND TESTING REQUIREMENTS OF NEMA TC-7 (SDR 13.5), ASTM F714, ASTM D3035, AND ASTM D2447.

#### 2. MINIMUM DRUM SIZE AND BENDING RADIUS, MAXIMUM REEL SIZE

DUCT SIZE	MINIMUM DRUM DIAMETER	UNSUPPORTED BEND RADIUS
1"	24"	14"
1 1/4"	24"	14"
2"	42"	26"
3"	64"	48"
4"	84"	60"
6"	N/A	N/A

RETURNABLE STEEL REELS WITH STANDARD DUCT LENGTHS.

#### 3. PARALLELED ITEMS

PARALLELED CONDUIT SHALL BE PACKAGED IN **2,000** CIRCUIT FOOT REEL LENGTHS OF THE FOLLOWING COLOR PATTERNS (AS STATED ON THE JEA BID PROPOSAL FORM):

- A. YELLOW, PURPLE AND ORANGE
- B. GREEN, BROWN AND GRAY

#### 4. COLOR/UV PROTECTION

CONDUIT COLOR SHALL BE UNIFORM SOLID COLOR AS STATED ON THE JEA BID PROPOSAL FORM. ULTRAVIOLET PROTECTION SHALL BE IN ACCORDANCE WITH ASTM D3895.

#### 5. ENVIRONMENTAL STRESS CRACK RESISTANCE

CONDUIT SHALL MEET OR EXCEED THE REQUIREMENTS OF ASTM D1693-80 (VALUE - F20>96 HRS).

#### 6. OVALITY

THE MAXIMUM OVALITY (OUT OF ROUNDNESS) ALLOWED AFTER REMOVAL FROM REEL SHALL BE 10% OF THE DIMENSIONAL LIMITS SET FORTH IN NEMA TC-7.

#### 7. CONNECTION FITTINGS

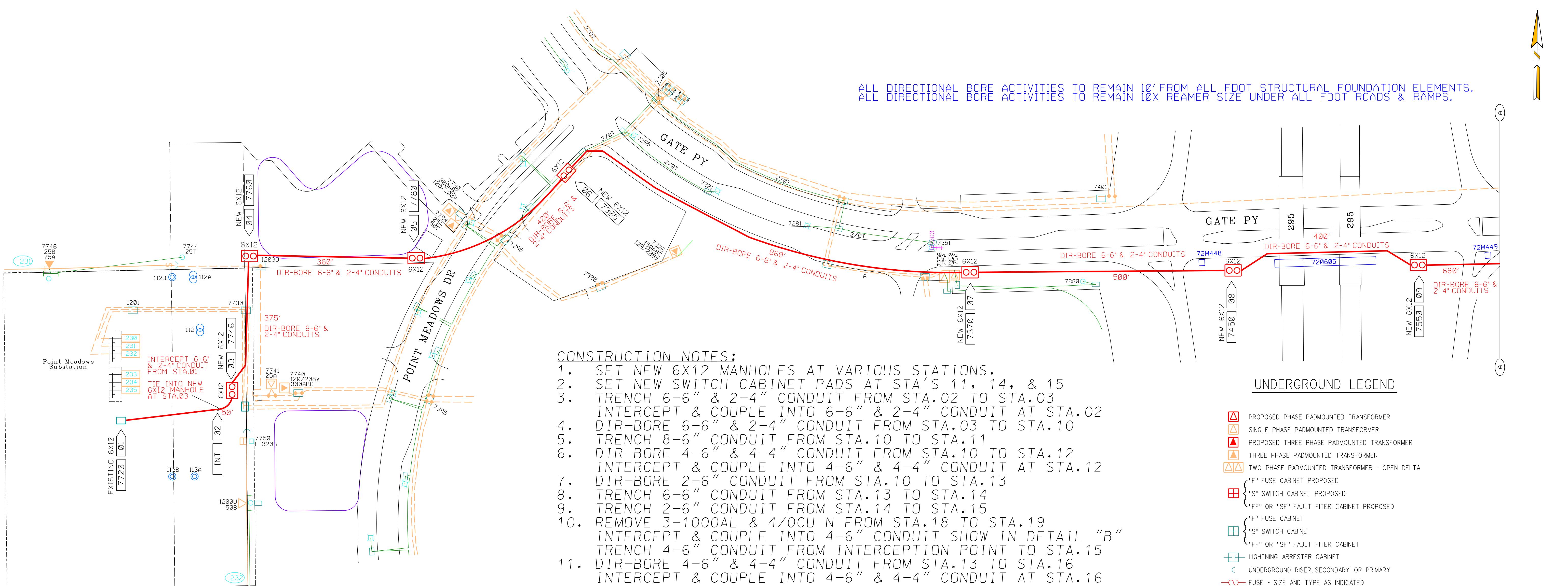
COUPLINGS SHALL BE CORROSION RESISTANT ALUMINUM, THREADED TYPE WHICH HAVE A HIGH PULL OUT STRENGTH. COUPLINGS SHALL BE COVERED AFTER INSTALLATION WITH HEAT SHRINK, COLD SHRINK OR WATER RESISTANT SILICONE TAPE.

## **8. FINAL DUCT ASSEMBLY**

CONDUIT SHALL BE PRE-LUBRICATED AND HAVE A 500# MIN. STRENGTH PULL STRING INSTALLED. (JEA USE) LUBRICANT SHALL BE COMPATIBLE WITH ALL CABLE INSULATION AND JACKET MATERIAL.

NOTE: IF THERE ARE ANY CONTRADICTIONS OR CONFLICTS BETWEEN SPECIFICATIONS, THE MOST STRINGENT SHALL APPLY.

Exhibit B – Construction Drawings

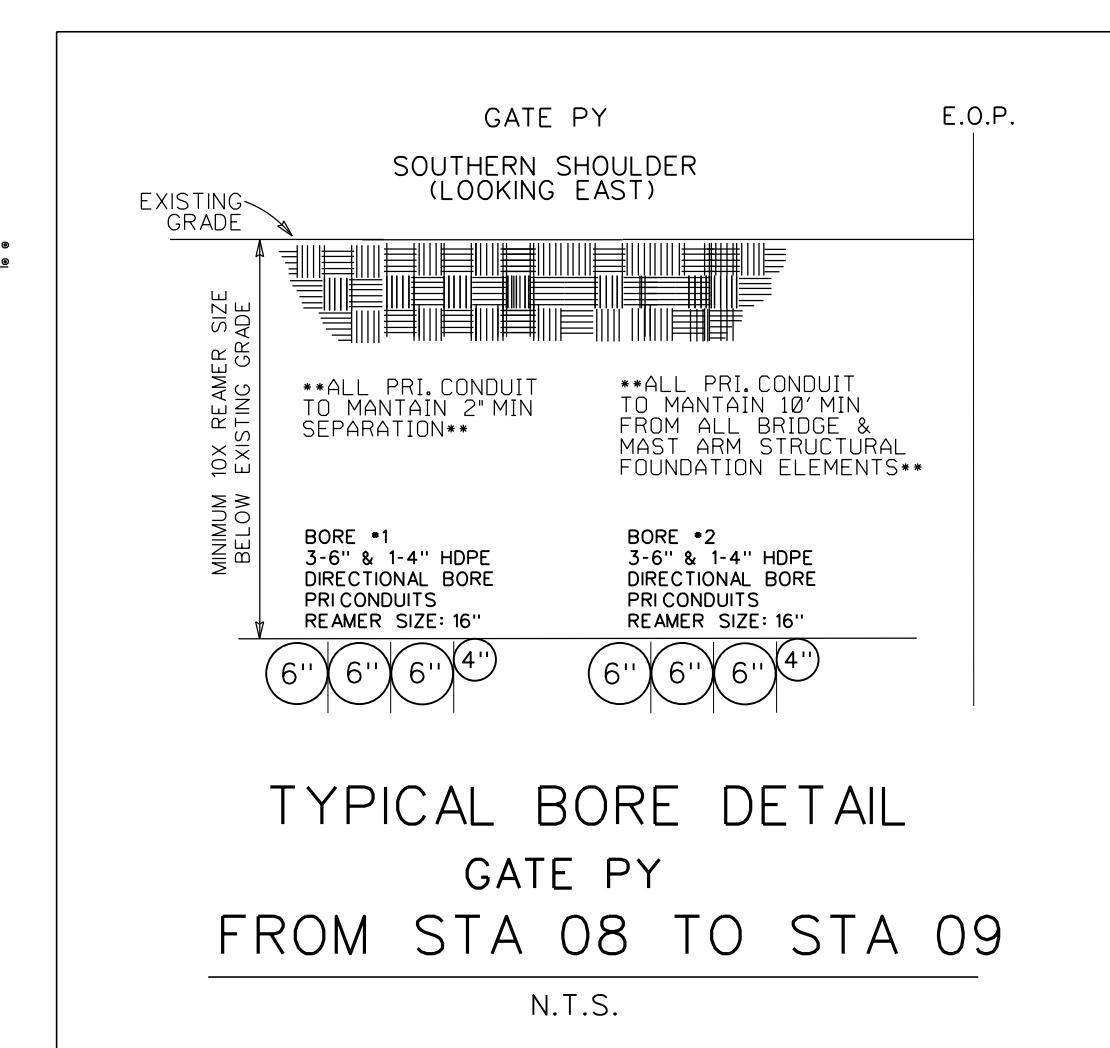


POINT MEADOWS T2 ADDITION PROJECT NUMBERS:  
WO#31640768 - CONDUIT WORK  
WO#31641833 - FEEDER CABLE WORK

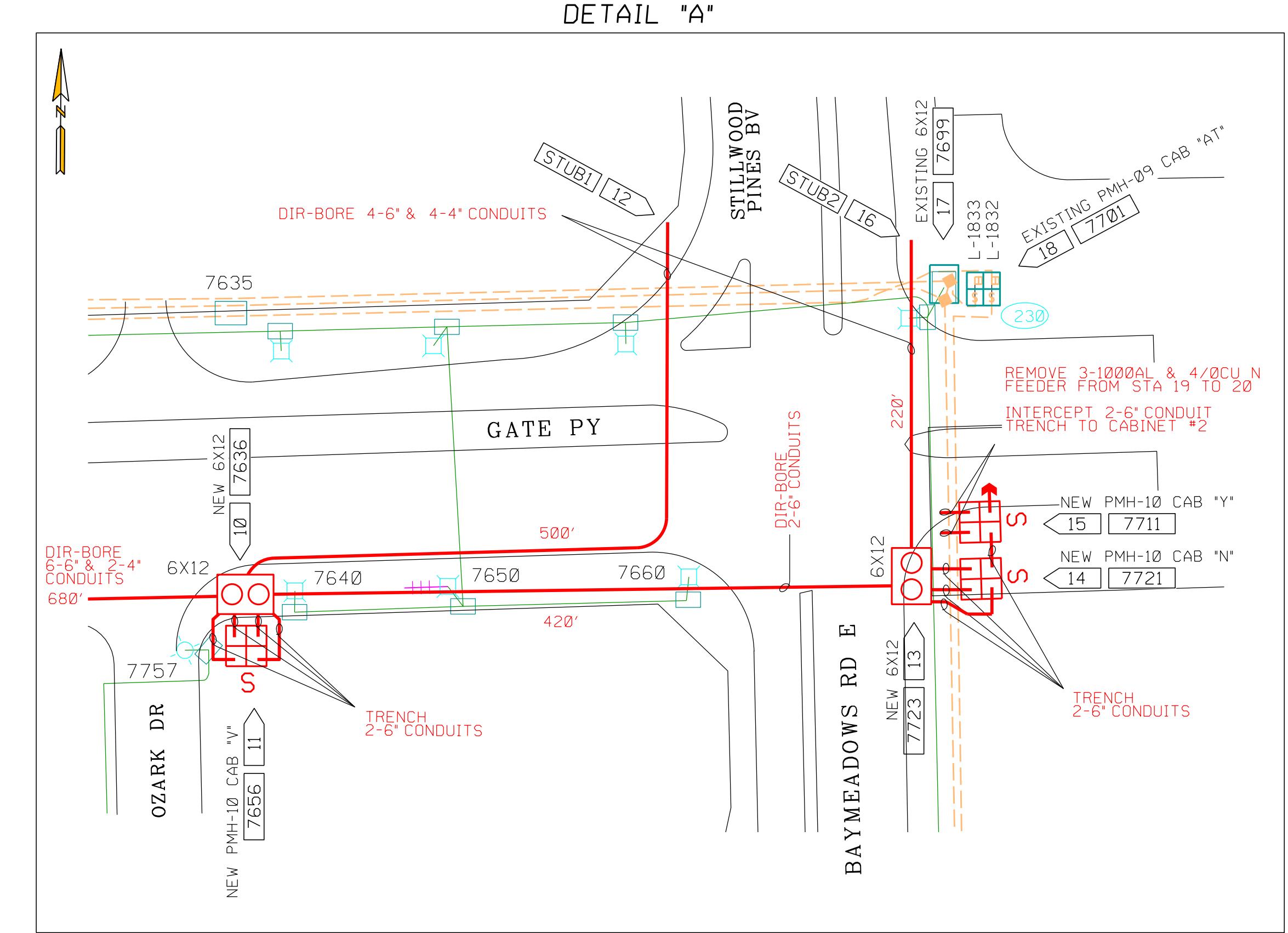
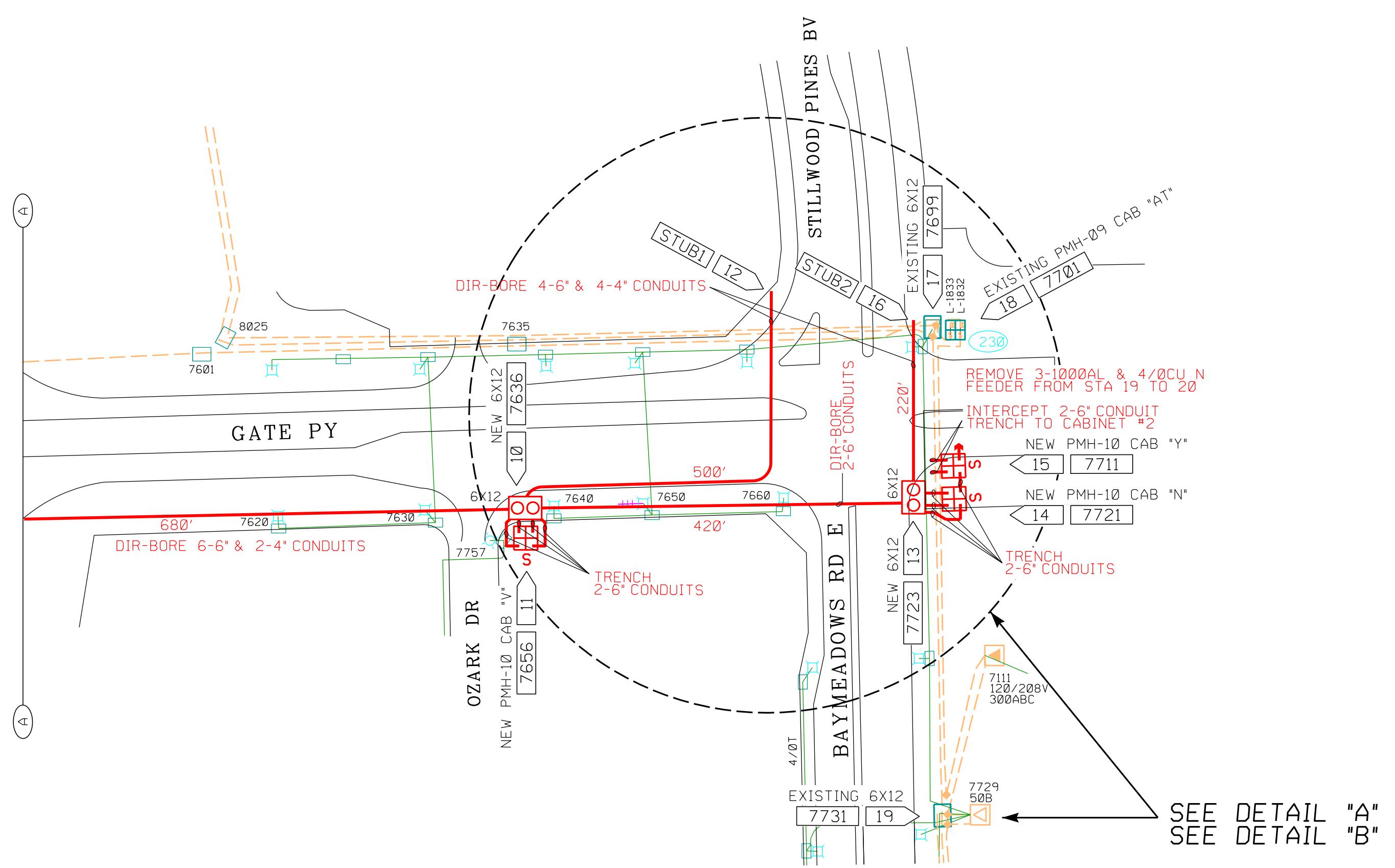
PROJECT SWITCH & CIRCUIT MAPS:

055  
055.1  
055.2  
deerwoodparkse-2\_c1  
deerwoodparkse-3\_c1  
pointmeadowsdrnorth\_c1

100 0 50 100 200 400  
( IN FEET )  
1 inch = 100 ft.



SUBSTATION/CIRCUIT	ENGINEER / PROJECT MANAGER	AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM	ENGINEERING RECORD	JEA BUILDING COMMUNITY 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139	DRAWING NO.: ufp0336
SUBSTATION NAME POINT MEADOWS	ENGINEER : C.MEAD PHONE : (904) 485-6668 CELL : (904) 625-5307 SWITCH MAP NUMBER/S 55 PRIMARY VOLTAGE 26.4kV	DATE COMPANY NAME ADDRESS PHONE NO. I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS. AUTHORIZED NAME _____ AUTHORIZED SIGNATURE _____ CONTRACTOR'S LICENSE NO. _____ JEA CONTRACT ADMIN.	BY DATE DESIGNED : JBM 10/16/25 CHECKED : CM APPROVED : MS APPROVED FOR CONSTRUCTION :	OPEN : 8010121 MWO : 31640768 SHEET NO. 1 OF 6	
CIRCUIT NUMBER/S 233, 234, 235					
SWITCH MAP NUMBER/S 55					
PRIMARY VOLTAGE 26.4kV					



SEE DETAIL "A"  
SEE DETAIL "B"

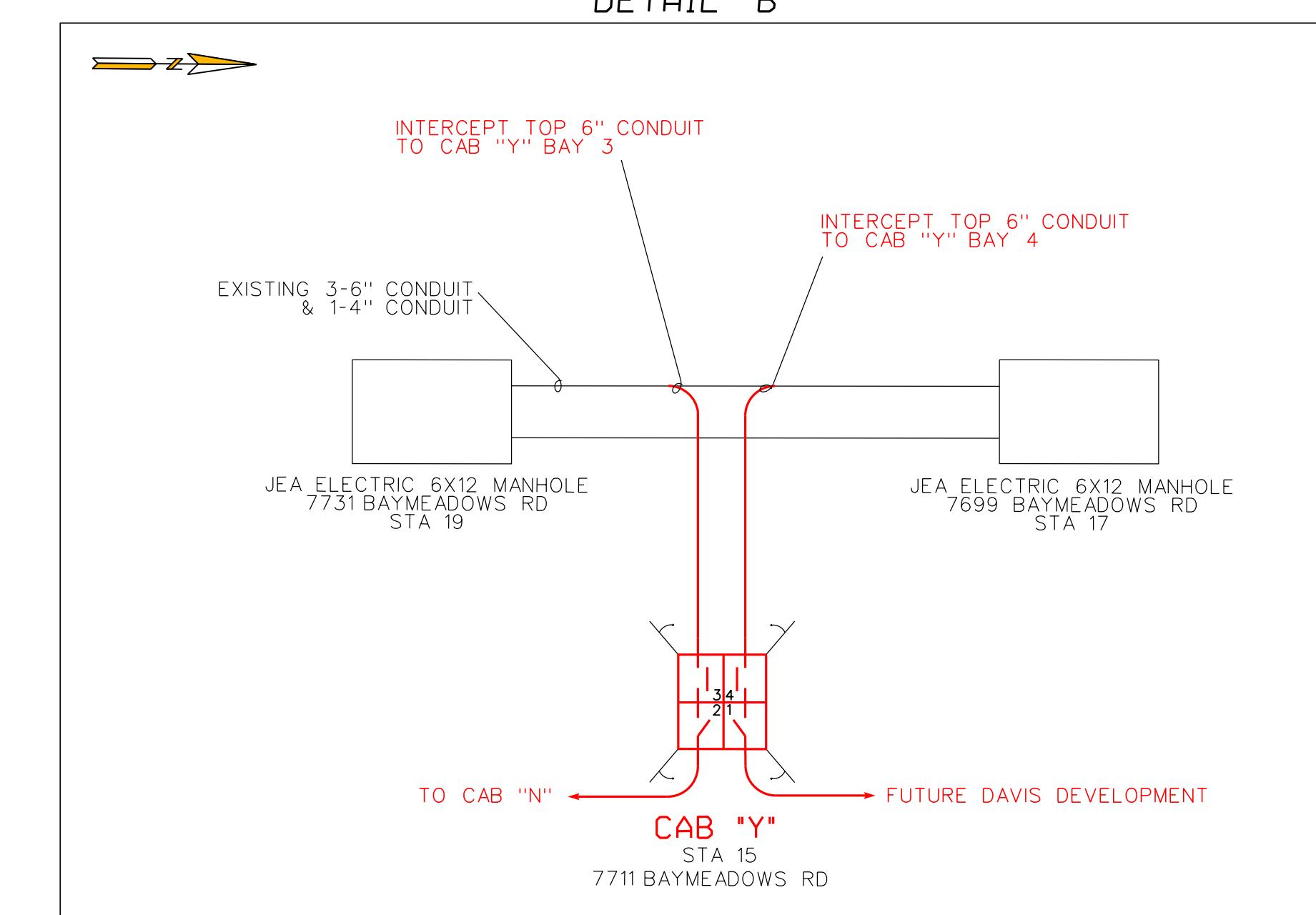
POINT MEADOWS T2 ADDITION PROJECT NUMBERS:  
WO#31640768 - CONDUIT WORK  
WO#31641833 - FEEDER CABLE WORK

PROJECT SWITCH & CIRCUIT MAPS:  
055  
055.1  
055.2  
deerwoodparkse-2\_ci  
deerwoodparkse-3\_ci  
pointmeadowsdrnorth\_ci

100      0      50      100      200      400

( IN FEET )

1 inch = 100 f.t.



POINT MEADOWS 230-26kV T2 ADDITION  
CKT'S 233, 234, & 235  
CONSTRUCTION DRAWING

The logo for JEA Building Community. It features the letters 'JEA' in a large, bold, blue, stylized font where the 'E' has a curved swoosh. Below 'JEA' is the text 'BUILDING COMMUNITY' in a smaller, blue, sans-serif font. At the bottom of the page is the address '225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139' in a blue, sans-serif font.

DRAWING NO. :  
ufp0336  
OPN :  
8010121  
MWO :  
31640768  
SHEET NO.  
2 OF 6



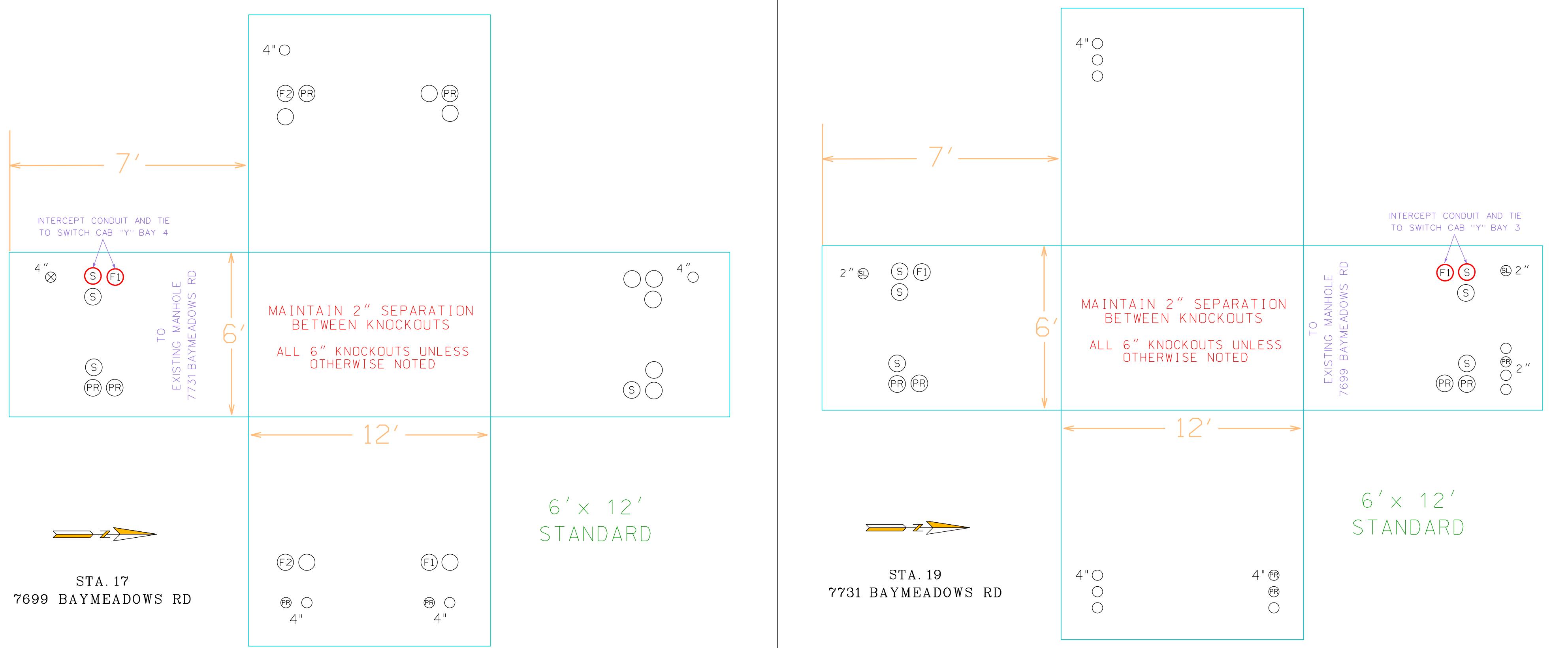
SUBSTATION/CIRCUIT	ENGINEER / PROJECT MANAGER	AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM	ENGINEERING RECORD	POINT MEADOWS 230-26kV T2 ADDITION	DRAWING NO.:
SUBSTATION NAME POINT MEADOWS	ENGINEER : C.MEAD PHONE : (904) 485-6668 CELL : (904) 625-5307 EMAIL : MEADCH@jea.com EMAIL : MCMAB2@jea.com	<p>DATE: _____</p> <p>COMPANY NAME: _____</p> <p>ADDRESS: _____</p> <p>PHONE NO.: _____</p> <p>I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.</p> <p>AUTHORIZED NAME: _____</p> <p>AUTHORIZED SIGNATURE: _____</p> <p>CONTRACTOR'S LICENSE NO.: _____</p> <p>JEA CONTRACT ADMIN: _____</p>	<p>BY: _____</p> <p>DATE: _____</p> <p>DESIGNED: JBM 10/16/25</p> <p>CHECKED: CM</p> <p>APPROVED: MS</p> <p>APPROVED FOR CONSTRUCTION: _____</p>	CKT'S 233, 234, & 235 MANHOLE DETAILS	ufp0336
CIRCUIT NUMBER/S 233, 234, 235					OPN : 8010121
SWITCH MAP NUMBER/S 55					MWD : 31640768
PRIMARY VOLTAGE 26.4kV					SHEET NO. 3 OF 6



SUBSTATION/CIRCUIT	
SUBSTATION NAME POINT MEADOWS	ENGINEER / PROJECT MANAGER
CIRCUIT NUMBER/S 233, 234, 235	ENGINEER : C.MEAD PHONE : (904) 485-6668 CELL : (904) 625-5307 EMAIL : MEADCH@jea.com EMAIL : MCMAJB2@jea.com
SWITCH MAP NUMBER/S 55	
PRIMARY VOLTAGE 26.4kV	

A S - B U I L T	
ELECTRIC UTILITY CONDUIT SYSTEM	
DATE	
COMPANY NAME	
ADDRESS	
PHONE NO.	
I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.	
AUTHORIZED NAME	
AUTHORIZED SIGNATURE	
CONTRACTOR'S LICENSE NO.	
JEA CONTRACT ADMIN	

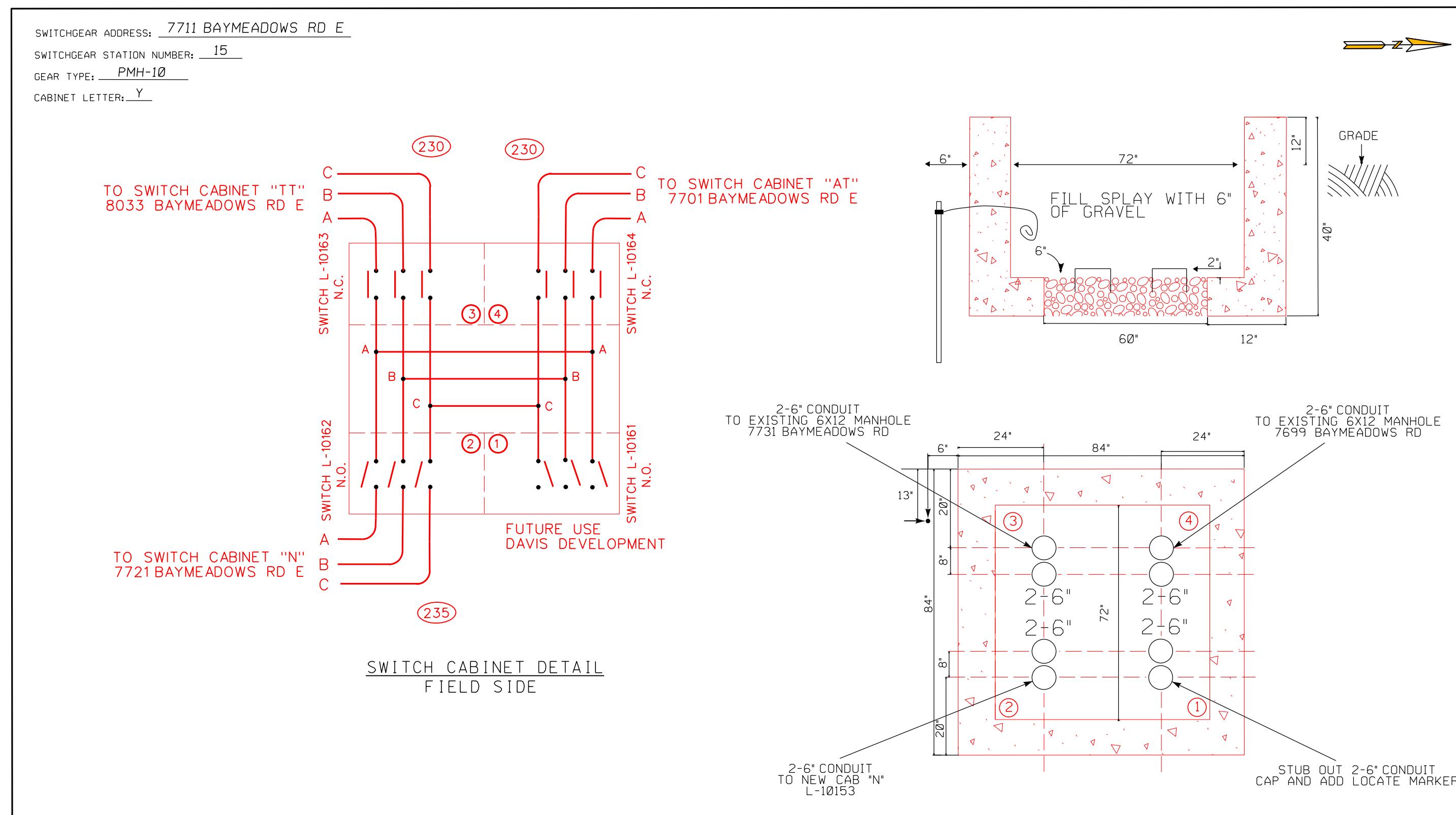
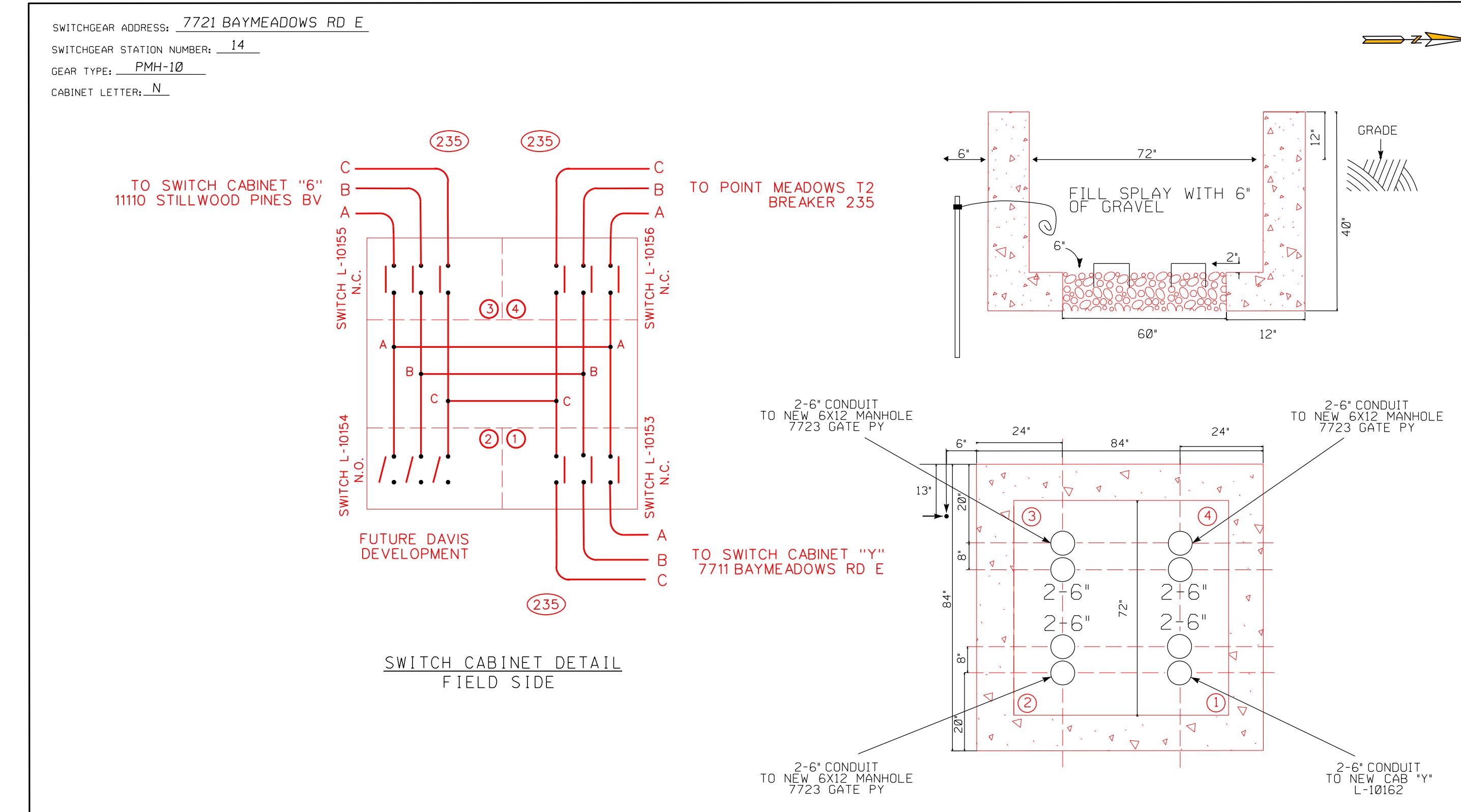
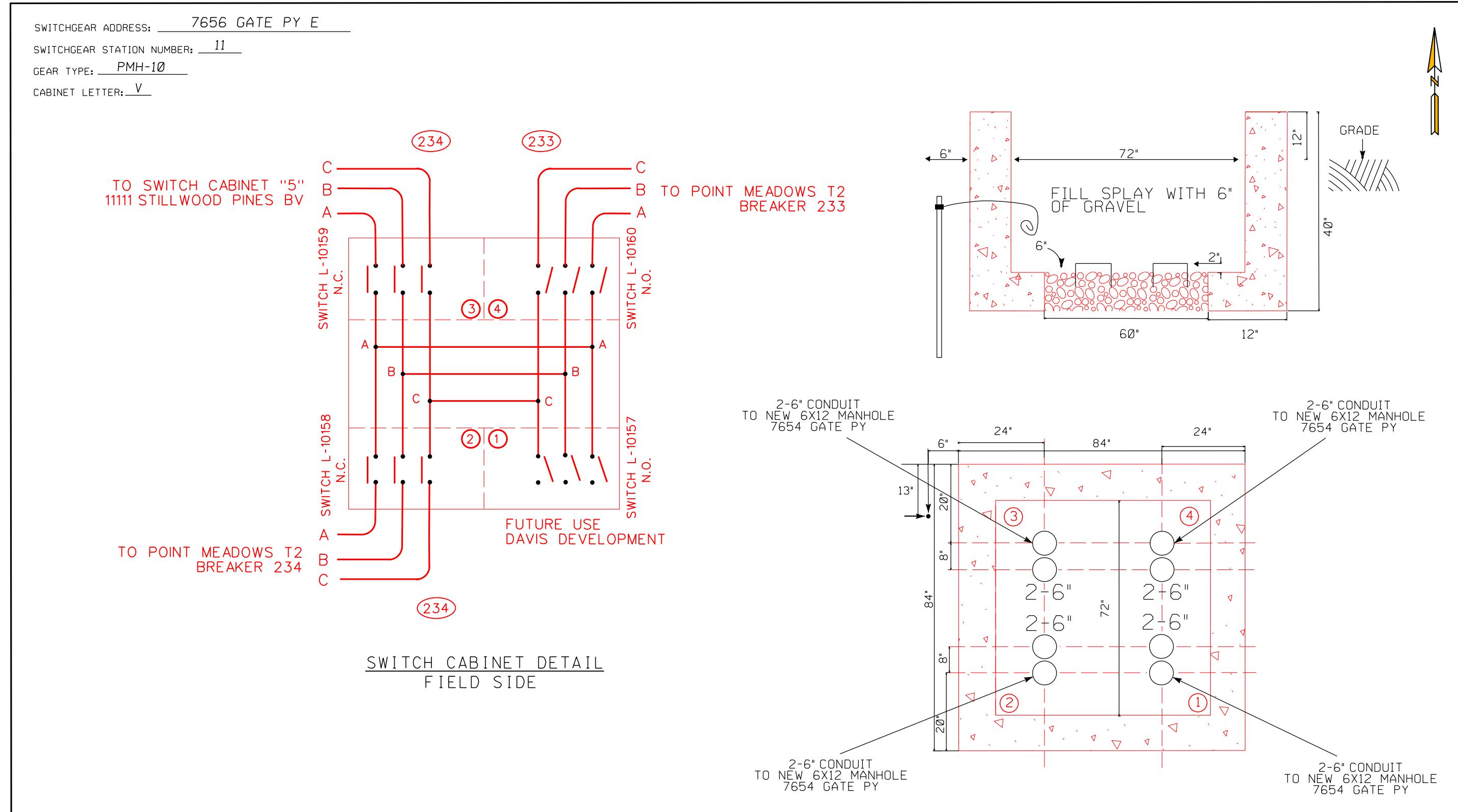
E N G I N E E R I N G R E C O R D		
BY		DATE
DESIGNED :	JBM	10/16/25
CHECKED :	CM	
APPROVED :	MS	
APPROVED FOR CONSTRUCTION		



#### Manhole Detail Legend

- (X) EXISTING KNOCK OUT
- (S) EXISTING SPARE CONDUIT
- (O) INSTALL NEW CONDUIT
- (□) INSTALL NEW CONDUIT BY CORE BORE
- (F) EXISTING CONDUIT WITH FEEDER
- (PR) EXISTING CONDUIT WITH 3 PH 1/O
- (SE) EXISTING CONDUIT WITH SECONDARY

SUBSTATION/CIRCUIT	ENGINEER / PROJECT MANAGER	AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM	ENGINEERING RECORD	JEA BUILDING COMMUNITY 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139	POINT MEADOWS 230-26kV T2 ADDITION CKT'S 233, 234, & 235 MANHOLE DETAILS	DRAWING NO.: ufp0336 OPN : 8010121 MWO : 31640768 SHEET NO. 5 OF 6
SUBSTATION NAME POINT MEADOWS	ENGINEER : C.MEAD PHONE : (904) 485-6668 CELL : (904) 625-5307 EMAIL : MEADCH@jea.com EMAIL : MCMAJB2@jea.com	DATE COMPANY NAME ADDRESS PHONE NO. I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS. AUTHORIZED NAME _____ AUTHORIZED SIGNATURE _____ CONTRACTOR'S LICENSE No. _____ JEA CONTRACT ADMIN	BY DATE DESIGNED : JBM 10/16/25 CHECKED : CM APPROVED : MS APPROVED FOR CONSTRUCTION			
CIRCUIT NUMBER/S 233, 234, 235						
SWITCH MAP NUMBER/S 55						
PRIMARY VOLTAGE 26.4kV						



SUBSTATION/CIRCUIT	ENGINEER / PROJECT MANAGER	A S - B U I L T ELECTRIC UTILITY CONDUIT SYSTEM	E N G I N E E R I N G   R E C O R D			DRAWING NO.: ufp0336 OPN : 8010121 MWD : 31640768 SHEET NO. 6 OF 6
			DATE	BY	DATE	
SUBSTATION NAME POINT MEADOWS	ENGINEER : C.MEAD PHONE : (904) 485-6668 CELL : (904) 625-5307 EMAIL : MEADCH@jea.com EMAIL : MCMAJB2@jea.com	COMPANY NAME ADDRESS PHONE I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS. AUTHORIZED NAME AUTHORIZED SIGNATURE CONTRACTOR'S LICENSE NO. JEA CONTRACT ADMIN	DESIGNED : JBM 10/16/25	CHECKED : CM	APPROVED : MS	POINT MEADOWS 230-26kV T2 ADDITION CKT'S 233, 234, & 235 CABINET DETAILS 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139
CIRCUIT NUMBER/S 233, 234, 235			APPROVED FOR CONSTRUCTION			
SWITCH MAP NUMBER/S 55						
PRIMARY VOLTAGE 26.4kV						

Exhibit C – Materials Furnished by Owner

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

**Material Summary**

Item Quantity	Item Number	Item Description
12	CLAGR001	CLAMP, GROUND ROD, 5/8" - 4SOL "HAMMERLOCK"
24	CNNGR002	COUPLING, GROUND ROD, "THREADLESS" REMARKS: FOR THREADLESS GROUND RODS
18	CNNVG003	CONNECTOR, 6-2 SOL/10-2 SOL, VISE GRIP PARALLEL, BRONZE
390	COBCO028	CONDUCTOR, #4 SOLID, SOFT DRAWN, BARE COPPER, 200', 25#, ON PLASTIC REEL, 4" X 11.5" W/ 2" HOLE
48	CODCO005	COUPLING, CONDUIT, PVC, 4", SCH-40
46	CODCO033	COUPLING, CONDUIT, SCH-40 PVC, REPAIR, 4" SLIP TYPE
110	CODCO034	COUPLING, CONDUIT, SCH-40 PVC, REPAIR, 6" SLIP TYPE
4	CODEP005	ELBOW, PVC, CONDUIT, 4", 45-DEGREE 36" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELLED END.
24	CODEP009	ELBOW, PVC, CONDUIT, 6", 90-DEGREE 48" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELLED END
12	CODEP010	ELBOW, PVC, CONDUIT, 6", 45-DEGREE, 48" SWEEP-RADIUS, SCH-40, WITH INTEGRAL BELLED END
18	CODEP024	ELBOW, 1" PVC 90-DEGREE, 18" RADIUS SCH-40
350	CODPC003	CONDUIT, PVC, 4", SCH-40, W/COUPLING ATTACHED OR ONE BELLED END, 20' SECTIONS END WITHOUT COUPLING MUST BE CHAMFERED 40-DEGREES SHIPPED ON OPEN FLAT BED TRUCK - STANDARD PALLET SIZE 1140 FT
1610	CODPC005	CONDUIT, PVC, 6", SCH-40, W/COUPLING ATTACHED OR ONE BELLED END, 20' SECTIONS END WITHOUT COUPLING MUST BE CHAMFERED 40-DEGREES SHIPPED ON OPEN FLAT BED TRUCK
36	CODPC016	CONDUIT, PVC, 1" SCHEDULE-40, 10' LONG PACKAGED 10-UNITS PER BUNDLE
11230	CODPE004	CONDUIT, COILABLE, 4-INCH POLYETHYLENE, GRAY SDR 13.5 POWER CONDUIT, SMOOTH WALL VIRGIN HDPE. TYPE III, CLASS C, CATEGORY 3, UV PROTECTED, GRADE P34 POLY, 750 FT REEL (SHIP TO 11201 NEW BERLIN RD, JAX, 32226 - OPEN FLATBED TRUCK)
28490	CODPE006	CONDUIT, COILABLE, 6-INCH POLYETHYLENE GRAY SDR 13.5 POWER CONDUIT, SMOOTH WALL FROM VIRGIN HDPE. TYPE III, CLASS C, CATEGORY 3, UV PROTECTED, GRADE P34 POLY, 450 FT REEL (SHIP TO 11201 NEW BERLIN RD, JAX, 32226 - OPEN FLATBED TRUCK)
36	CODPL003	PLUG, CONDUIT, PVC, 4" ID, TYPE EB
142	CODPL004	PLUG, CONDUIT, PVC, 6" ID, TYPE EB
18	CODPL005	PLUG, PVC CONDUIT, 1" I.D., CAP-TYPE
9	MANHO002	MANHOLE, 12' X 6' X 7' RECTANGULAR PRECAST CONCRETE, REINFORCED FOR HS-20 BRIDGE LOAD. TO INCLUDE 2 EA MANHOLE FRAMES, 2 EA COVERS AND 2 EA 15" EXT RINGS. WT OF MANHOLE IS 30000 LB. REQUIRES A CURRENT NPCA CERTIFICATION FOR THE LAST 5 YR
9	MARCC001	MARKER, CONDUIT/CABLE 2' X 36" PVC WITH CAP, FLARED END OR BASE .
1	MAREL002	MARKER, BALL, ELECTRONIC SIX FOOT RANGE, RED PASSIVE-TUNED COIL ANTENNA ENCASED IN A WATERPROOF DURABLE



## CUE Reports

Estimate Number: 66357

POINT MEADOWS CKTS 233, 234, &  
235 - CONDUIT WORK

Estimate Type: CP

Contract: 069-19-HRT UG FY26

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

---

### POLYETHYLENE SHELL

---

3 PITME001 PIT, MOUNTING 3-PHASE SWITCHING EQUIPMENT (INSIDE 72" X 72"  
& OUTSIDE 84" X 84") SEE SPECIFICATIONS & DMD-76 (WEIGHT 8600  
LBS. EACH). REQUIRES A CURRENT NPCA CERTIFICATION FOR THE  
LAST 5 YEARS.

36 RODGR003 ROD, GROUND, THREADLESS, 5/8" X 8', SHIP ON OPEN FLATBED  
ONLY!

18 WASRD001 WASHER, ROUND, 1/2" BOLT SIZE, BRONZE - TIN PLATED, 1-1/4" OD

---

Exhibit D – CU Station Details



## CUE Reports

Estimate Number: 66357

POINT MEADOWS CKTS 233, 234, &  
235 - CONDUIT WORK

Estimate Type: CP

Contract: 069-19-HRT UG FY26

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

### CU Detail

Station: 02		CONDUIT INTERCEPTION	INTERCEPT 2-4" & 6-6" CONDUIT		
Build	Transfer	Remain in Place		Remove	
I.CODCO005	2				
I.CODCO007	6				
I.CODCO033	2				
I.CODCO034	6				
UC*4	120				
UC*6	360				
UCL4*4	4				
UCL4*6	12				
UCT36*U	70				

Station: 03		7746 POINT MEADOWS DR	NEW 6X12 MANHOLE		
Build	Transfer	Remain in Place		Remove	
DIR-BORE*2-4	375				
DIR-BORE*2-6	1125				
G2P	1				
G2P-C	1				
G3P	1				
I.CODCO005	4				
I.CODCO007	12				
I.CODCO033	2				
I.CODCO034	6				
I.CODPE004	790				
I.CODPE006	2370				
PLUG-DUCT4	4				
PLUG-DUCT6	12				
SET-6X12*D	1				
UC*4	20				
UC*6	60				
UCT36*U	10				

Station: 04		7760 POINT MEADOWS DR	NEW 6X12 MANHOLE		
Build	Transfer	Remain in Place		Remove	

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

DIR-BORE*2-4	360					
DIR-BORE*2-6	1080					
G2P	1					
G2P-C	1					
G3P	1					
I.CODCO005	4					
I.CODCO007	12					
I.CODCO033	4					
I.CODCO034	12					
I.CODPE004	760					
I.CODPE006	2280					
PLUG-DUCT4	4					
PLUG-DUCT6	12					
SET-6X12*D	1					
UC*4	20					
UC*6	60					
UCT36*U	10					

Station: 05

7780 POINT  
MEADOWS DR

NEW 6X12 MANHOLE

Build	Transfer	Remain in Place	Remove
DIR-BORE*2-4	420		
DIR-BORE*2-6	1260		
G2P	1		
G2P-C	1		
G3P	1		
I.CODCO005	4		
I.CODCO007	12		
I.CODCO033	4		
I.CODCO034	12		
I.CODPE004	880		
I.CODPE006	2640		
PLUG-DUCT4	4		
PLUG-DUCT6	12		
SET-6X12*D	1		
UC*4	20		
UC*6	60		
UCT36*U	10		

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

Station: 06

7305 POINT  
MEADOWS DR NEW 6X12 MANHOLE

Build	Transfer	Remain in Place	Remove
DIR-BORE*2-4	860		
DIR-BORE*2-6	2580		
G2P	1		
G2P-C	1		
G3P	1		
I.CODCO005	4		
I.CODCO007	12		
I.CODCO033	4		
I.CODCO034	12		
I.CODPE004	1760		
I.CODPE006	5280		
PLUG-DUCT4	4		
PLUG-DUCT6	12		
SET-6X12*D	1		
UC*4	20		
UC*6	60		
UCT36*U	10		

Station: 07

7370 GATE PY NEW 6X12 MANHOLE

Build	Transfer	Remain in Place	Remove
DIR-BORE*2-4	860		
DIR-BORE*2-6	2580		
G2P	1		
G2P-C	1		
G3P	1		
I.CODCO005	4		
I.CODCO007	12		
I.CODCO033	4		
I.CODCO034	12		
I.CODPE004	1760		
I.CODPE006	5280		
PLUG-DUCT4	4		
PLUG-DUCT6	12		
SET-6X12*D	1		
UC*4	20		
UC*6	60		



## CUE Reports

Estimate Number: 66357

POINT MEADOWS CKTS 233, 234, &  
235 - CONDUIT WORK

Estimate Type: CP

Contract: 069-19-HRT UG FY26

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

UCT36*U	10					
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### Station: 08 7450 GATE PY NEW 6X12 MANHOLE

Build	Transfer	Remain in Place	Remove
DIR-BORE*2-4	400		
DIR-BORE*2-6	1200		
G2P	1		
G2P-C	1		
G3P	1		
I.CODCO005	4		
I.CODCO007	12		
I.CODCO033	4		
I.CODCO034	12		
I.CODPE004	840		
I.CODPE006	2520		
PLUG-DUCT4	4		
PLUG-DUCT6	12		
SET-6X12*D	1		
UC*4	20		
UC*6	60		
UCT36*U	10		

### Station: 09 7550 GATE PY NEW 6X12 MANHOLE

Build	Transfer	Remain in Place	Remove
DIR-BORE*2-4	680		
DIR-BORE*2-6	2040		
G2P	1		
G2P-C	1		
G3P	1		
I.CODCO005	4		
I.CODCO007	12		
I.CODCO033	4		
I.CODCO034	12		
I.CODPE004	1400		
I.CODPE006	4200		
PLUG-DUCT4	4		
PLUG-DUCT6	12		
SET-6X12*D	1		
UC*4	20		



## CUE Reports

Estimate Number: 66357

POINT MEADOWS CKTS 233, 234, &  
235 - CONDUIT WORK

Estimate Type: CP

Contract: 069-19-HRT UG FY26

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

UC*6	60					
UCT36*U	10					

Station: 10		7636 GATE PY NEW 6X12 MANHOLE				
Build	Transfer	Remain in Place			Remove	
DIR-BORE*2-4	1000					
DIR-BORE*2-6	420					
DIR-BORE*2-6	1000					
G2P	1					
G2P-C	1					
G3P	1					
I.CODCO005	6					
I.CODCO007	20					
I.CODCO033	6					
I.CODCO034	12					
I.CODPE004	2080					
I.CODPE006	880					
I.CODPE006	2080					
PLUG-DUCT4	4					
PLUG-DUCT6	20					
SET-6X12*D	1					
UC*4	30					
UC*6	100					
UCT36*U	20					

Station: 11		7656 GATE PY NEW PMH-10 DEAD-FRONT CABINET "V"				
Build	Transfer	Remain in Place			Remove	
G1P	1					
I.CODCO007	16					
PLUG-DUCT6	8					
UC*6	240					
UCL9*6	8					
UCT36*U	30					
UPD11	1					

Station: 12		STUB OUT POINT #1 COUPLE INTO 4-6" & 4-4" CONDUIT				
Build	Transfer	Remain in Place			Remove	
I.CODCO005	4					

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

I.CODCO007	4						
I.CODCO033	4						
I.CODCO034	4						
UC*4	20						
UC*6	20						
UCT36*U	10						
						PLUG-DUCT4	4
						PLUG-DUCT6	4

Station: 13 7723 BAYMEADOWS RD NEW 6X12 MANHOLE

Build	Transfer	Remain in Place	Remove
DIR-BORE*2-4	440		
DIR-BORE*2-6	440		
G2P	1		
G2P-C	1		
G3P	1		
I.CODCO005	4		
I.CODCO007	12		
I.CODCO033	4		
I.CODCO034	6		
I.CODPE004	960		
I.CODPE006	960		
PLUG-DUCT4	4		
PLUG-DUCT6	12		
SET-6X12*D	1		
UC*4	20		
UC*6	60		
UCT36*U	15		

Station: 14 7721 BAYMEADOWS RD NEW PMH-10 DEAD-FRONT CABINET "N"

Build	Transfer	Remain in Place	Remove
G1P	1		
I.CODCO007	16		
PLUG-DUCT6	8		
UC*6	30		
UC*6	180		
UCL9*6	8		
UCT36*U	50		



## CUE Reports

Estimate Number: 66357

POINT MEADOWS CKTS 233, 234, &  
235 - CONDUIT WORK

Estimate Type: CP

Contract: 069-19-HRT UG FY26

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

UPD11	1					
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### Station: 15 7711 BAYMEADOWS NEW PMH-10 DEAD-FRONT RD CABINET "Y"

Build	Transfer	Remain in Place	Remove
G1P	1		
I.CODCO007	16		
PLUG-DUCT6	8		
UC*6	180		
UCL9*6	8		
UCMD*6-2	1		
UCT36*U	30		
UPD11	1		

### Station: 16 STUB OUT POINT #2 COUPLE INTO 4-6" & 4-4" CONDUIT

Build	Transfer	Remain in Place	Remove
I.CODCO005	4		
I.CODCO007	4		
I.CODCO033	4		
I.CODCO034	4		
UC*4	20		
UC*6	20		
UCT36*U	10		
			PLUG-DUCT4 4
			PLUG-DUCT6 4

### Station: 17 7699 BAYMEADOWS REMOVE EXISTING CKT 230 CABLE RD FOR CONDUIT INTERCEPTION

Build	Transfer	Remain in Place	Remove
			LCN 2
			USN*4/0 1
			UVSH*1000 3

### Station: 18 7701 BAYMEADOWS REMOVE EXISTING CKT 230 CABLE RD FOR CONDUIT INTERCEPTION

Build	Transfer	Remain in Place	Remove
			CBL-REM3 600
			LCN 1
			UVT6*1000P 3



## CUE Reports

Estimate Number: 66357

POINT MEADOWS CKTS 233, 234, &  
235 - CONDUIT WORK

Estimate Type: CP

Contract: 069-19-HRT UG FY26

Estimate Version:

By: MEADCH

MWO#/Task:

Required Date:

Oracle Project #:

Estimated On: 11/04/2025

**Station: 19 7731 BAYMEADOWS RD REMOVE EXISTING CKT 230 CABLE FOR CONDUIT INTERCEPTION**

Build	Transfer	Remain in Place	Remove
			LCN 1
			USN*4/0 1
			UVSH*1000 3

Exhibit E – FDOT Permit

**PERMIT NO:** 2025-H-294-00358

**STATE ROAD INFORMATION**

County:	Section:	State Road No:	Beginning Mile Post:	Ending Mile Post:
Duval	72002103	SR 9A	0.081	0.336

**APPLICANT INFORMATION**

The Utility Agency Owner (UAO) shall be identified in this Applicant Information Box. When the UAO is a City or County and desires to have the Utility Builder make a joint permit applicant, as prescribed in Section 2.1(4) of the 2017 Utility Accommodation Manual (UAM), the Utility Builder shall also be identified in this Applicant Information Box. A Utility Builder alone cannot apply for a utility permit without the City or County adding them as a joint applicant.

**Utility Agency/Owner (UAO)**

Name: JEA (Gabor Acs)  
Contact Person: JEA (Gabor Acs)  
Address: 21 W Church St  
City: Jacksonville  
State: Florida  
Zip: 32202  
Telephone: 9046657729  
Email: acs@jea.com

**Utility Builder (only applicable when the UAO is a City or County)**

Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_  
State: \_\_\_\_\_  
Zip: \_\_\_\_\_  
Telephone: \_\_\_\_\_  
Email: \_\_\_\_\_

**WORK DESCRIPTION**

The Applicant(s) requests permission from the Florida Department of Transportation (FDOT) to construct, operate, and maintain the utilities as described below and as depicted in the incorporated documentation.

Due to the growth in the Point Meadows area, JEA needs to pull three new feeder circuits to aid with total load capacity. The new feeder circuits will be pulled from our Point Meadows substation (just south of Point Meadows & Gate Pkwy), east along Gate Pkwy, and tie-in to new switch cabinets at the intersection of Gate Pkwy & Baymeadows. These three new feeder circuits will need to be directional bored (6-6" Conduits and 2-4" Conduits) under I-295. Reamer size will be 16" ... (see work description cont. page)

Utility Work No:

Additional sheets are attached and are incorporated into this permit Yes  No

For FDEP certification, the FDOT agency report is attached in accordance with UAM Section 2.4.1 (13) Yes  No

**TRAFFIC CONTROL (TCP)**

The TCP will comply with the following 600 series index(es) 600, 611

A TCP has been attached and incorporated into this permit application in compliance with UAM Section 2.4.2.

MOT Technician's contact information (may be supplied at the two (2) business day notification to FDOT):

Name: James Umstatted Telephone (904) 759-7790 ext. \_\_\_\_\_ Email: umstjh@jea.com

**COMMENCEMENT OF WORK**

The UAO and/or Utility Builder shall commence actual construction in good faith within sixty (60) calendar days after approval of the permit application. If the beginning date is more than sixty (60) calendar days from the date of approval, the UAO and/or Utility Builder must review the permit with the FDOT Approving Engineer listed to make sure no changes have occurred to the transportation facility that would affect the permit's continued approval. The UAO and/or Utility Builder shall make good faith efforts to expedite the work and complete the work within the calendar days indicated.

Anticipated Start Date: 2/2/2026

Calendar days needed to completed: 365

Approved  
2025-H-294-00358  
Jason Quijano  
10/3/2025

**PERMIT NO: 2025-H-294-00358**

**APPLICANT SIGNATURE**

By the below signature(s) the UAO and/or Utility Builder agree(s) to construct, operate, and maintain the work as noted in the above Work Description, shown in plans and incorporated documents, in compliance with the UAM, all instructions noted in the FDOT Special Instructions Box, and special instructions incorporated into this permit. The UAO and/or Utility Builder declares, the location of all existing utilities that it owns or has an interest in, both aerial and underground, are accurately shown on the plans of the work areas. In accordance with UAM Section 2.8, the UAO and/or Utility Builder further declares that a letter of notification was delivered to the owners of other facilities within the work areas and that those listed below are the only facility owners known to be involved or potentially impacted by the proposed work.

Date Notified: \_\_\_\_\_ Name of other facility owners (attach additional sheets if necessary).

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Utility Agency/Owner

Utility Builder (when applicable)

Signature: CHRIS MEAD (digital signature) Date: 8/14/2025  
Name (printed): CHRIS MEAD  
Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Name (printed): \_\_\_\_\_  
Title: \_\_\_\_\_

**FDOT PROJECT INFORMATION**

Pursuant to UAM Section 2.1(10), the utility work is within FDOT projects listed below and must have a Utility Work Schedule for each project approved prior to commencement of work within the FDOT project limits:

**FDOT construction is proposed or underway. Refer to Financial Project Id: LETTING  
It is in or near 446031-4- ITS WWD SAFETY INITIATIVES - Let Date 03/25/2026 -  
Work Mix - TRAFFIC CONTROL DEVICES/SYSTEM - Walter Sibley PM  
Post Date: 8/14/25 2:21 PM Respond Void Comment  
Walter Sibley (KNAKNWA) commented:  
No comments. Based on the dwgs it appears all work will be outside of road**

**FDOT SPECIAL INSTRUCTIONS**

In accordance with UAM Section 2.7, FDOT incorporates the below and attached special instructions into this permit.  
Contact Inspector Manager, Tim Collins, at [timothy.collins@dot.state.fl.us](mailto:timothy.collins@dot.state.fl.us) or 904-360-5462, a minimum of two (2) business days prior to starting work within FDOT Right of Way to schedule a pre-construction meeting. Any lane closure request will require 2 weeks' notice for approval and may be restricted to night work only. Be advised that a pre-construction meeting must be held with an FDOT inspector prior to any work commencing within FDOT Right of Way.  
... (see special instructions cont. page)

Additional FDOT Special Instructions are attached and incorporated into this permit. Yes  No

**PERMIT APPROVAL**

By signature below, FDOT gives permission to the UAO and/or Utility Builder to construct, operate, and maintain the utilities indicated in this Utility Permit in compliance with the UAM, all incorporated documents, and special instructions. Any changes to the approved work must be approved by the FDOT's Approving Engineer and attached and incorporated into this permit in accordance with UAM Section 2.11.

Approving Engineer: Jason Quijano (digital signature) Date: 10/3/2025  
Name: Jason Quijano  
Title: MAINTENANCE PROGRAM ENGINEER

Notification of Utility Work to be provided to: Telephone (904) 360-5462 ext. \_\_\_\_\_ or Email: [timothy.collins@dot.state.fl.us](mailto:timothy.collins@dot.state.fl.us)

An FDOT Representative is required to be present on the worksite prior to commencement of work. Yes  No   
Rep. Name: Timothy Collins Telephone 9043605462 Email: [timothy.collins@dot.state.fl.us](mailto:timothy.collins@dot.state.fl.us)

Approved  
2025-H-294-00358  
Jason Quijano  
10/3/2025

**PERMIT NO:** 2025-H-294-00358

**CERTIFICATION**

I, the undersigned UAO and/or Utility Builder, hereby CERTIFY that the utilities were constructed and inspected in compliance with the UAM all incorporated documents, and special instructions. Pursuant to UAM Section 2.11, all changes have been approved by the FDOT's Approving Engineer and incorporated into this permit along with all other material certifications, test results, bore logs, approved plans changes, as-built plans or other required documentation.

I also CERTIFY that work began on \_\_\_\_\_ and was completed on \_\_\_\_\_ and that the area was left in as good or better condition than when the work began.

Utility Agency/Owner

Utility Builder (when applicable)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name (printed): \_\_\_\_\_

Name (printed): \_\_\_\_\_

Title: \_\_\_\_\_

Title: \_\_\_\_\_

**FINAL INSPECTION OF WORK**

The work was inspected and found to be in non-compliance as noted below:

All issues of non-compliance listed above have been brought into compliance and/or FDOT has no outstanding issues that need to be addressed by the UAO and/or Utility Builder. However, this final inspection does not release the UAO and/or Utility Builder of their continuing responsibilities pursuant to Rule 14-46.001, the UAM, all incorporated documents, and special instructions.

FDOT Inspector: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Approved  
2025-H-294-00358  
Jason Quijano  
10/3/2025

**PERMIT NO.:** 2025-H-294-00358

The complete Work Description could not fit in the space allotted on Page 1 of the Utility Permit so it is displayed below.

## **Work Description**

Due to the growth in the Point Meadows area, JEA needs to pull three new feeder circuits to aid with total load capacity. The new feeder circuits will be pulled from our Point Meadows substation (just south of Point Meadows & Gate Pkwy), east along Gate Pkwy, and tie-in to new switch cabinets at the intersection of Gate Pkwy & Baymeadows. These three new feeder circuits will need to be directional bored (6-6" Conduits and 2-4" Conduits) under I-295. Reamer size will be 16" and so the bores will be 160" deep under I-295.

Approved  
2025-H-294-00358  
Jason Quijano  
10/3/2025

**PERMIT NO.:** 2025-H-294-00358

**STATE ROAD INFORMATION:**

Duval SR 9A, Section: 72002103, Begin MP: 0.081, End MP: 0.336, Duval SR 9A, Section: 72002000, Begin MP: 18.602, End MP: 19.347

**NAME OF OTHER FACILITY OWNERS / DATE NOTIFIED:**

**FDOT PROJECT INFORMATION:**

FDOT construction is proposed or underway. Refer to Financial Project Id: LETTING It is in or near 446031-4- ITS WWD SAFETY INITIATIVES – Let Date 03/25/2026 – Work Mix – TRAFFIC CONTROL DEVICES/SYSTEM – Walter Sibley PM Post Date: 8/14/25 2:21 PM Respond Void Comment

Walter Sibley (KNAKNWA) commented:

No comments. Based on the dwgs it appears all work will be outside of road pavement.

This work is NOT related to an approved Utility Work Schedule.

**THE WORK WAS INSPECTED AND FOUND TO BE IN NON-COMPLIANCE AS NOTED BELOW:**

Approved  
2025-H-294-00358  
Jason Quijano  
10/3/2025

**PERMIT NO.: 2025-H-294-00358**

The complete special instructions could not fit in the space allotted on Page 2 of the Utility Permit so they are displayed below.

### **Special FDOT Instructions**

Contact Inspector Manager, Tim Collins, at [timothy.collins@dot.state.fl.us](mailto:timothy.collins@dot.state.fl.us) or 904-360-5462, a minimum of two (2) business days prior to starting work within FDOT Right of Way to schedule a pre-construction meeting. Any lane closure request will require 2 weeks' notice for approval and may be restricted to night work only. Be advised that a pre-construction meeting must be held with an FDOT inspector prior to any work commencing within FDOT Right of Way.

Provide as built plans after permit project completion.

Any disturbed areas will be restored with sod or like material immediately.

Any disturbed sidewalk (joint to joint) will be restored to current standards in original or better conditions within 24 hours.

No Hay Bales for erosion or sedimentation controls are allowed in the FDOT Right of Way.

This permit covers work within FDOT Right of Way only.

All direction boring will be in accordance with FDOT Specification 555 latest edition.

Complete HDD Bore Log and submit upon completion.

**NO LANE CLOSURE ALLOWED WITHOUT PRIOR APPROVAL-WITHIN DOT PORTION OF GATE PARKWAY BENEATH 295 BELTWAY**

Approved  
2025-H-294-00358  
Jason Quijano  
10/3/2025

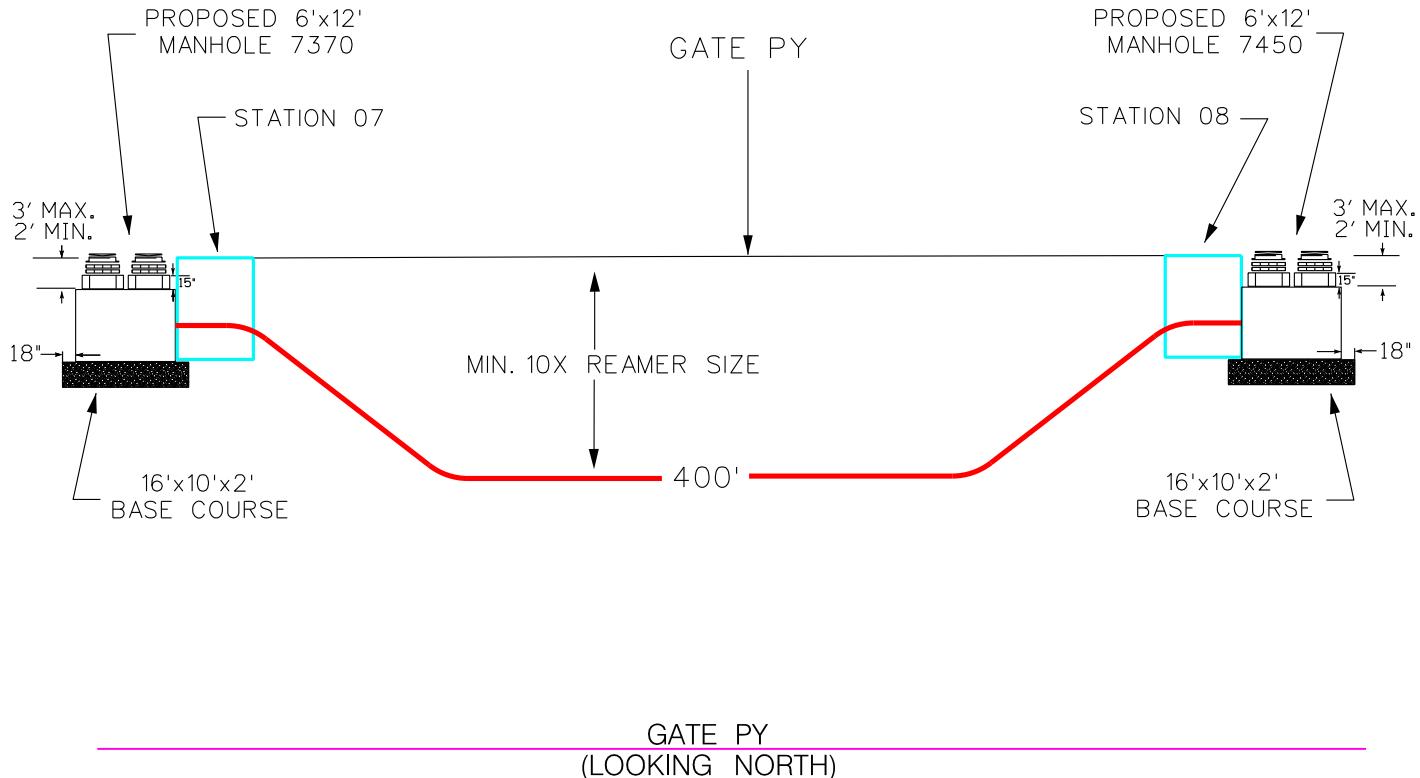


.....  
The plans were prepared by a regular full-time employee  
of the UAO and are exempt from the signing and sealing  
requirements prescribed in Section 471 Florida Statutes.  
.....

\*\*\*\*\*  
\* DRAWING NOT TO SCALE \*  
\*\*\*\*\*

TYPICAL UG CONDUIT ROUTE B/W PROPOSED MANHOLES  
GATE PY AT I-295  
FDOT PERMIT

REAMER SIZE: 16"  
2 RUNS OF (3-6" CONDUIT & 1-4" CONDUIT) (NEW)  
3 SETS OF (3-1000AL & 4/ON) (NEW)  
STA 07 TO STA 08 - 500'



GATE PY  
(LOOKING NORTH)

DRAWN B.MCMAHAN	
DESIGNED B.MCMAHAN	
DATE 09/22/2025	
SCALE N.T.S.	

UNDERGROUND FEEDER (3) 3-1000AL & 4/0 N  
GATE PY

JEA  
JACKSONVILLE, FLORIDA

Approved

2025-H-294-00358

Jason Quijano

10/3/2025

DRAWING NO.

SHEET NO.

OPN: 8010121

1 OF 3

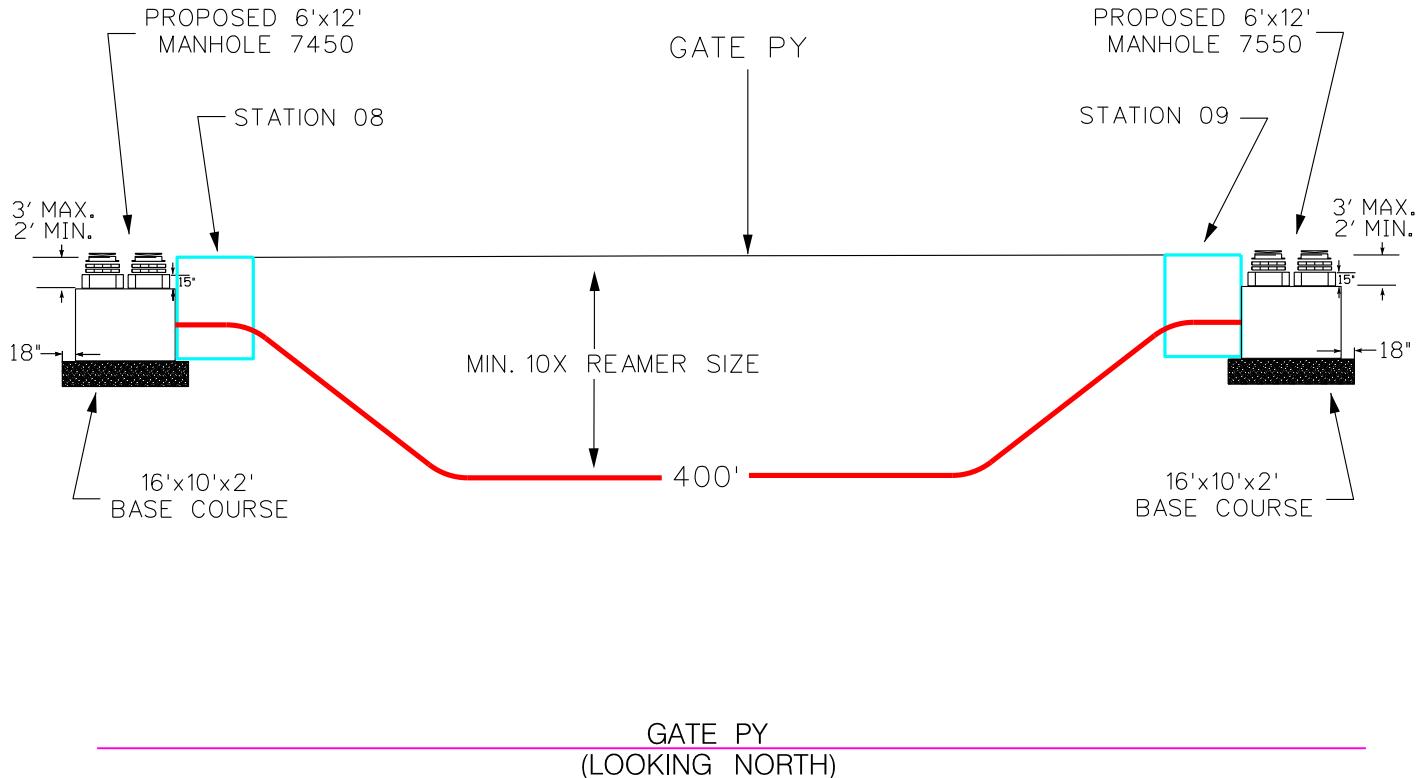


.....  
The plans were prepared by a regular full-time employee  
of the UAO and are exempt from the signing and sealing  
requirements prescribed in Section 471 Florida Statutes.  
.....

\*\*\*\*\*  
\* DRAWING NOT TO SCALE \*  
\*\*\*\*\*

TYPICAL UG CONDUIT ROUTE B/W PROPOSED MANHOLES  
GATE PY AT I-295  
FDOT PERMIT

REAMER SIZE: 16"  
2 RUNS OF (3-6" CONDUIT & 1-4" CONDUIT) (NEW)  
3 SETS OF (3-1000AL & 4/ON) (NEW)  
STA 08 TO STA 09 - 400'



DRAWN B.MCMAHAN	UNDERGROUND FEEDER (3) 3-1000AL & 4/0 N GATE PY		DESIGN FILENAME 2025-H-294-00358
DESIGNED B.MCMAHAN	JEA JACKSONVILLE, FLORIDA		DRAWING NO. JEA
DATE 09/22/2025	SCALE N.T.S.		SHEET NO. 2 OF 3
		OPN: 8010121	

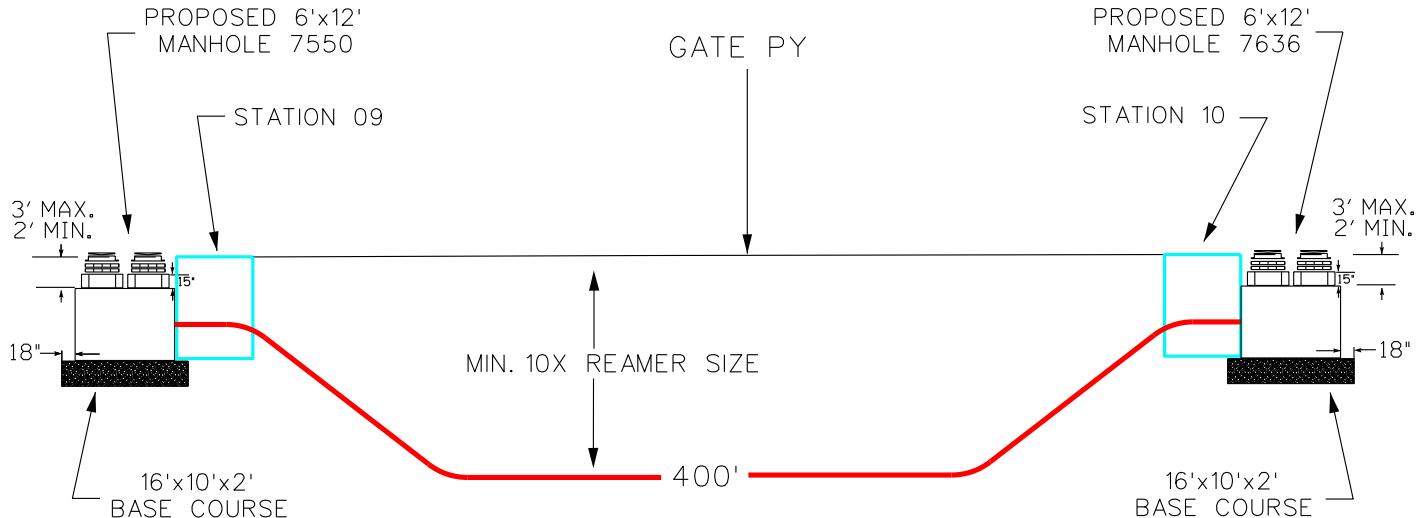


.....  
The plans were prepared by a regular full-time employee  
of the UAO and are exempt from the signing and sealing  
requirements prescribed in Section 471 Florida Statutes.  
.....

\*\*\*\*\*  
\* DRAWING NOT TO SCALE \*  
\*\*\*\*\*

TYPICAL UG CONDUIT ROUTE B/W PROPOSED MANHOLES  
GATE PY AT I-295  
FDOT PERMIT

REAMER SIZE: 16"  
2 RUNS OF (3-6" CONDUIT & 1-4" CONDUIT) (NEW)  
3 SETS OF (3-1000AL & 4/ON) (NEW)  
STA 09 TO STA 10 - 680'

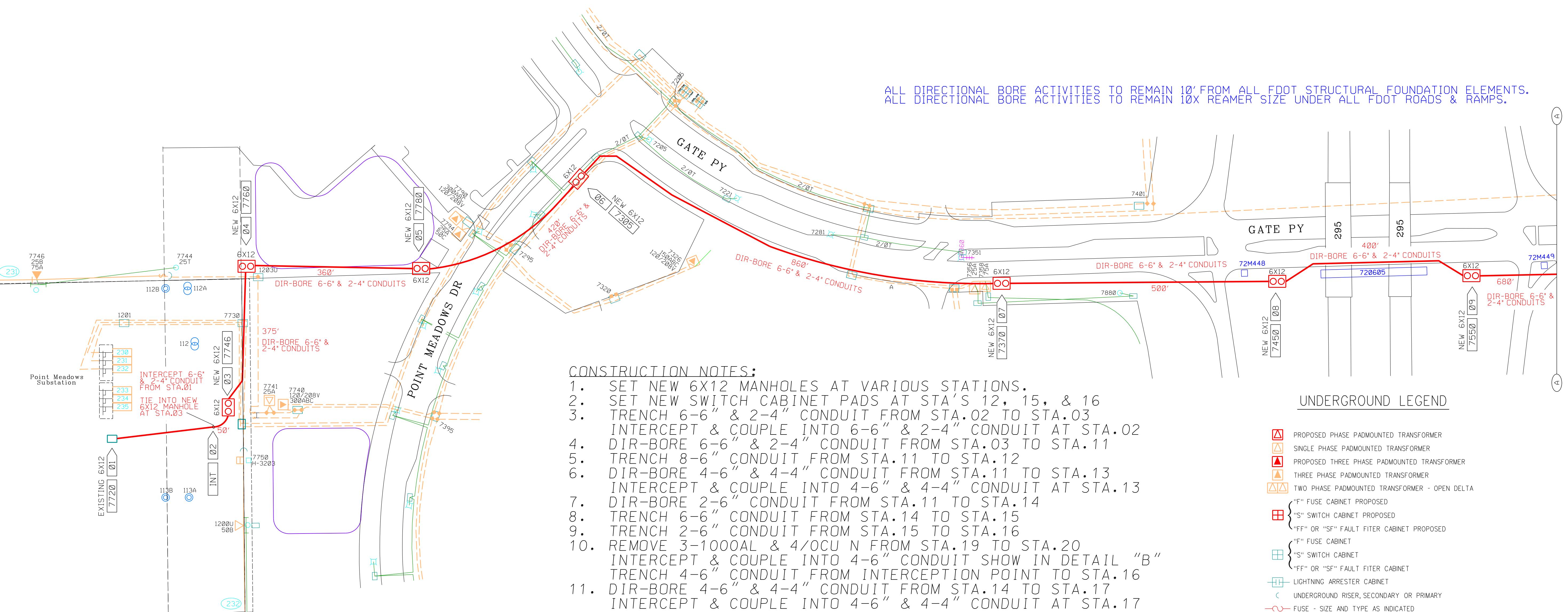


GATE PY  
(LOOKING NORTH)

DRAWN B.MCMAHAN	UNDERGROUND FEEDER (3) 3-1000AL & 4/0 N GATE PY		DESIGN FILENAME 2025-H-294-00358
DESIGNED B.MCMAHAN			DRAWING NO. -----
DATE 09/22/2025	JEA JACKSONVILLE, FLORIDA		SHEET NO. 3 OF 3
SCALE N.T.S.		OPN: 8010121	

Approved  
2025-H-294-00358  
Jason Quijano  
10/3/2025

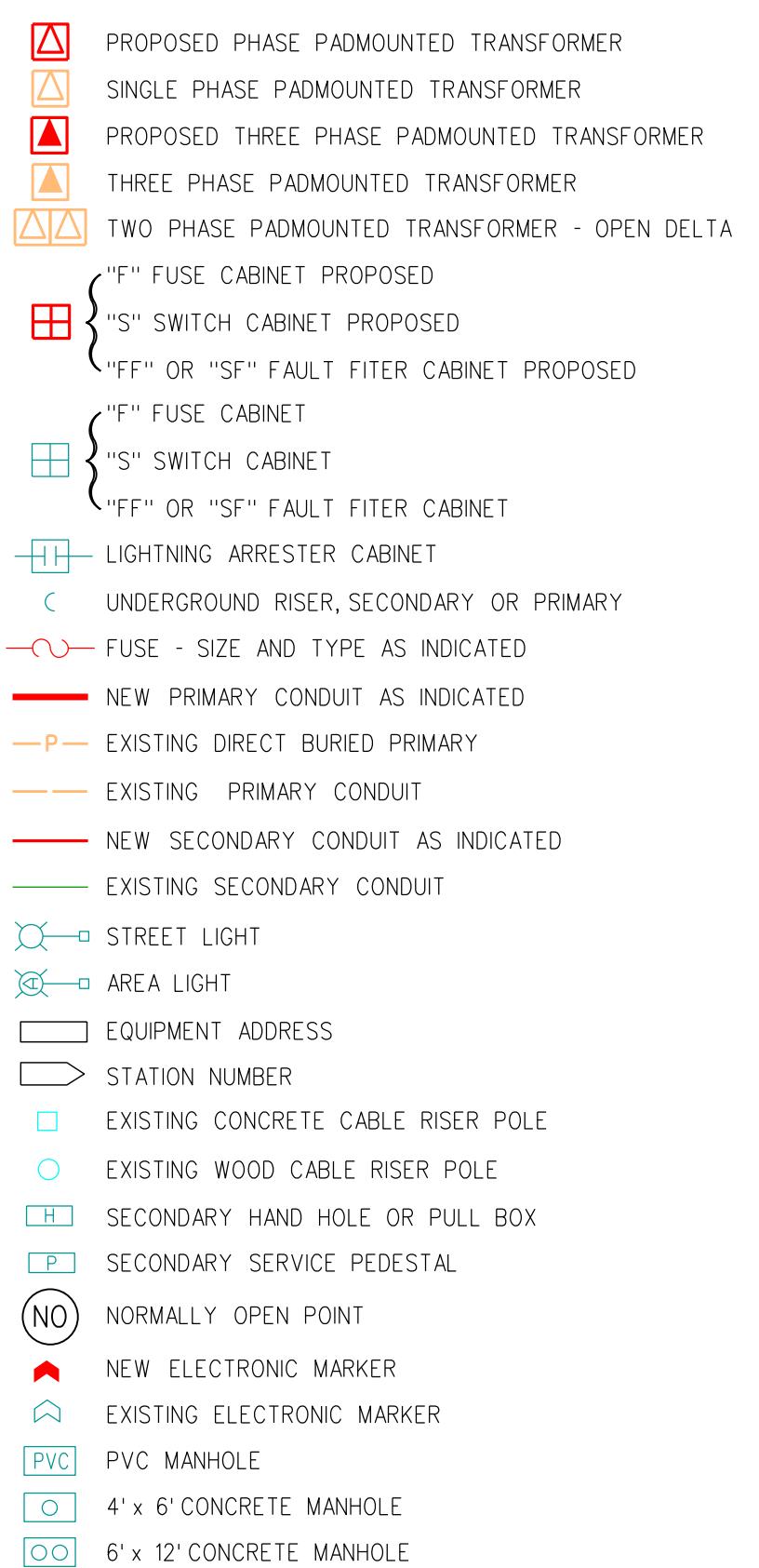
ALL DIRECTIONAL BORE ACTIVITIES TO REMAIN 10' FROM ALL FDOT STRUCTURAL FOUNDATION ELEMENTS.  
ALL DIRECTIONAL BORE ACTIVITIES TO REMAIN 10X REAMER SIZE UNDER ALL FDOT ROADS & RAMPS.



## CONSTRUCTION NOTES

1. SET NEW 6X12 MANHOLES AT VARIOUS STATIONS.
2. SET NEW SWITCH CABINET PADS AT STA'S 12, 15, & 16
3. TRENCH 6-6" & 2-4" CONDUIT FROM STA.02 TO STA.03  
INTERCEPT & COUPLE INTO 6-6" & 2-4" CONDUIT AT STA.02
4. DIR-BORE 6-6" & 2-4" CONDUIT FROM STA.03 TO STA.11
5. TRENCH 8-6" CONDUIT FROM STA.11 TO STA.12
6. DIR-BORE 4-6" & 4-4" CONDUIT FROM STA.11 TO STA.13  
INTERCEPT & COUPLE INTO 4-6" & 4-4" CONDUIT AT STA.13
7. DIR-BORE 2-6" CONDUIT FROM STA.11 TO STA.14
8. TRENCH 6-6" CONDUIT FROM STA.14 TO STA.15
9. TRENCH 2-6" CONDUIT FROM STA.15 TO STA.16
10. REMOVE 3-1000AL & 4/OCU N FROM STA.19 TO STA.20  
INTERCEPT & COUPLE INTO 4-6" CONDUIT SHOW IN DETAIL "B"  
TRENCH 4-6" CONDUIT FROM INTERCEPTION POINT TO STA.16
11. DIR-BORE 4-6" & 4-4" CONDUIT FROM STA.14 TO STA.17  
INTERCEPT & COUPLE INTO 4-6" & 4-4" CONDUIT AT STA.17

## UNDERGROUND LEGEND

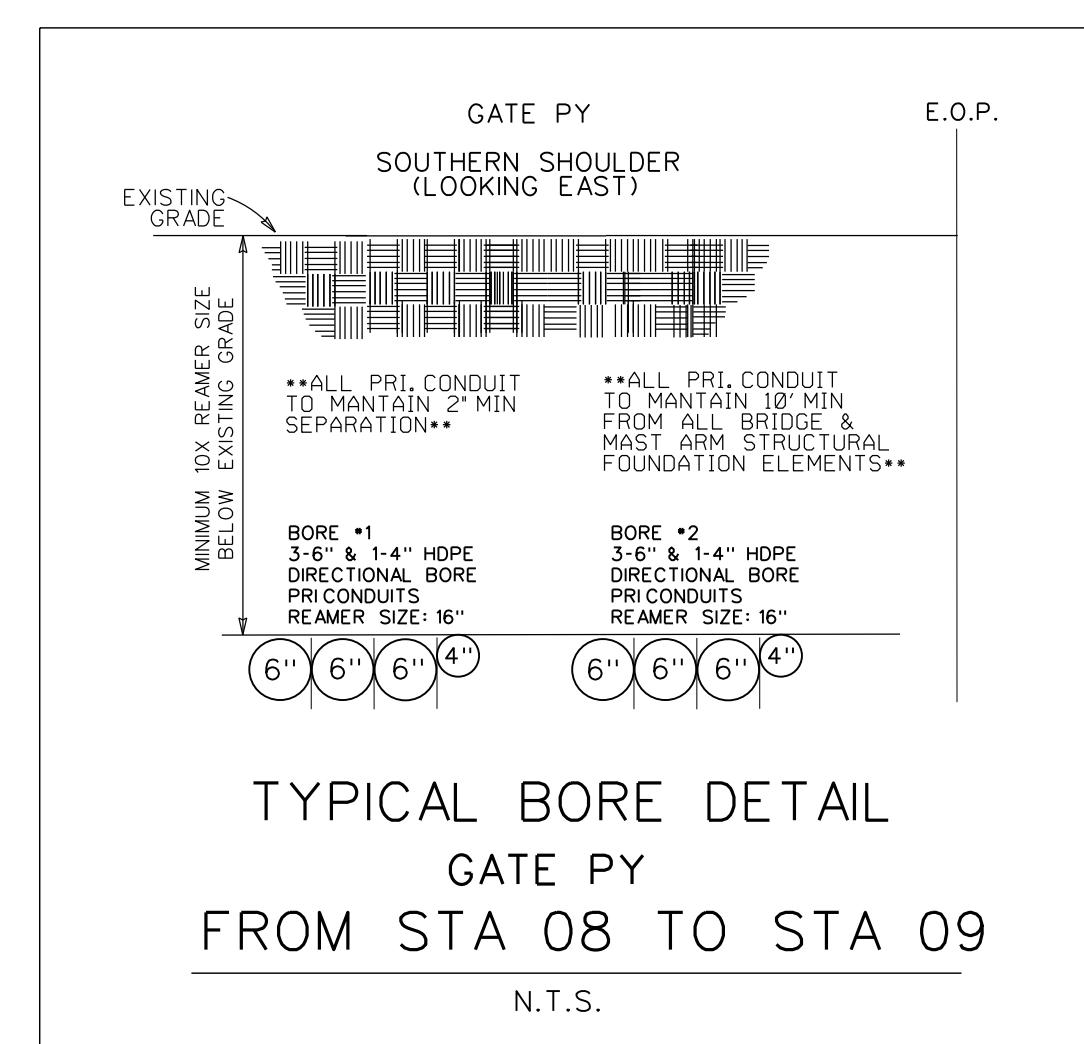
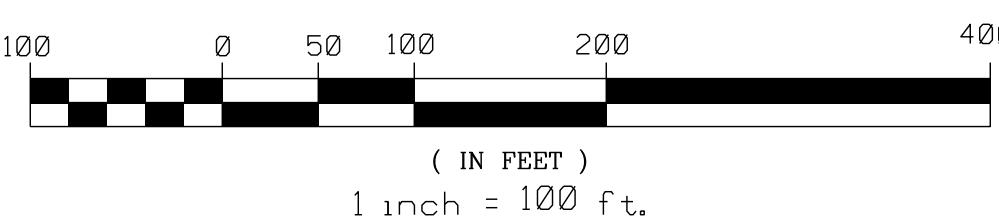


NOTE: SYMBOLS IN RED ARE PROPOSED AND ALL OTHERS ARE EXSITING

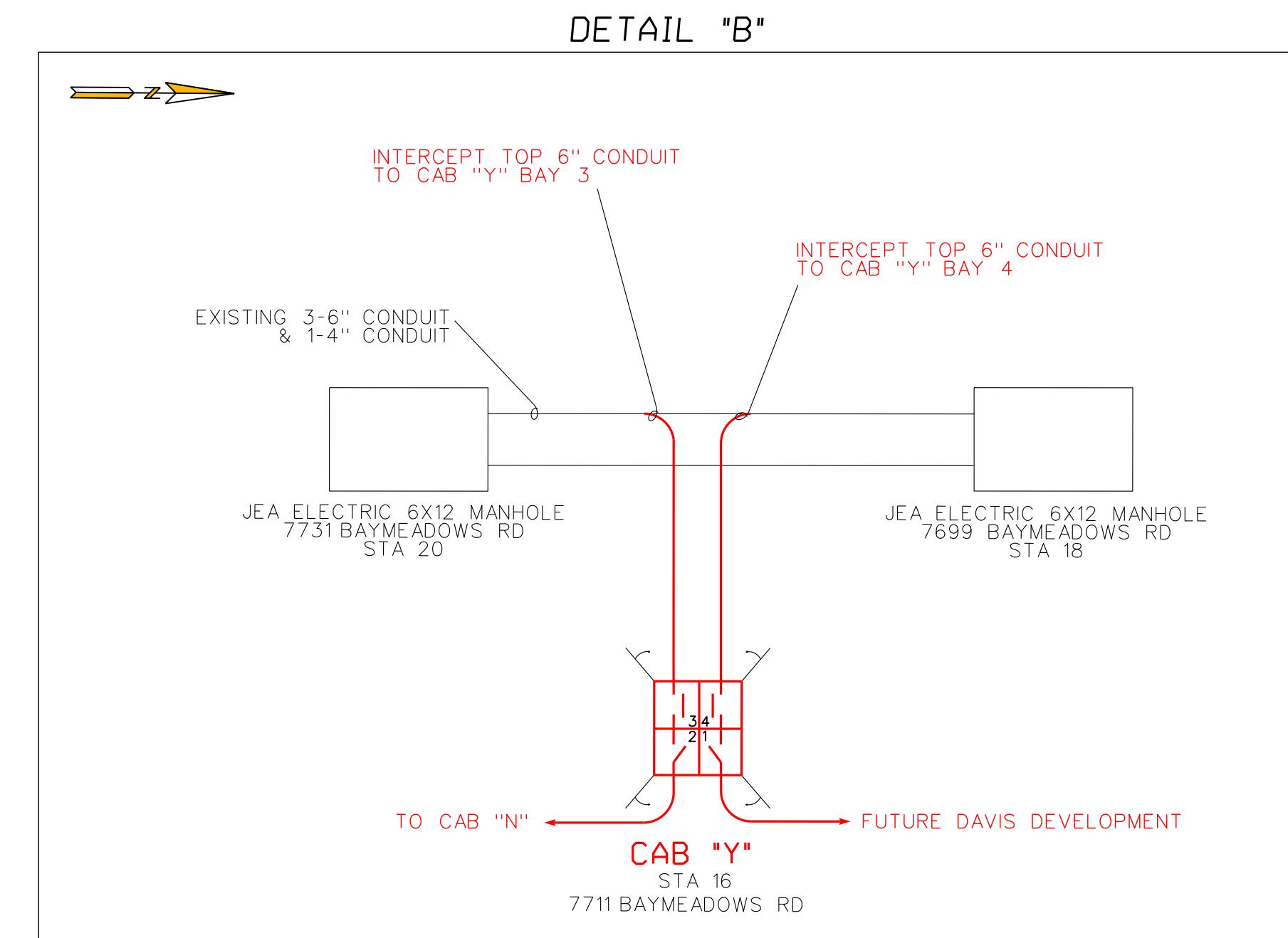
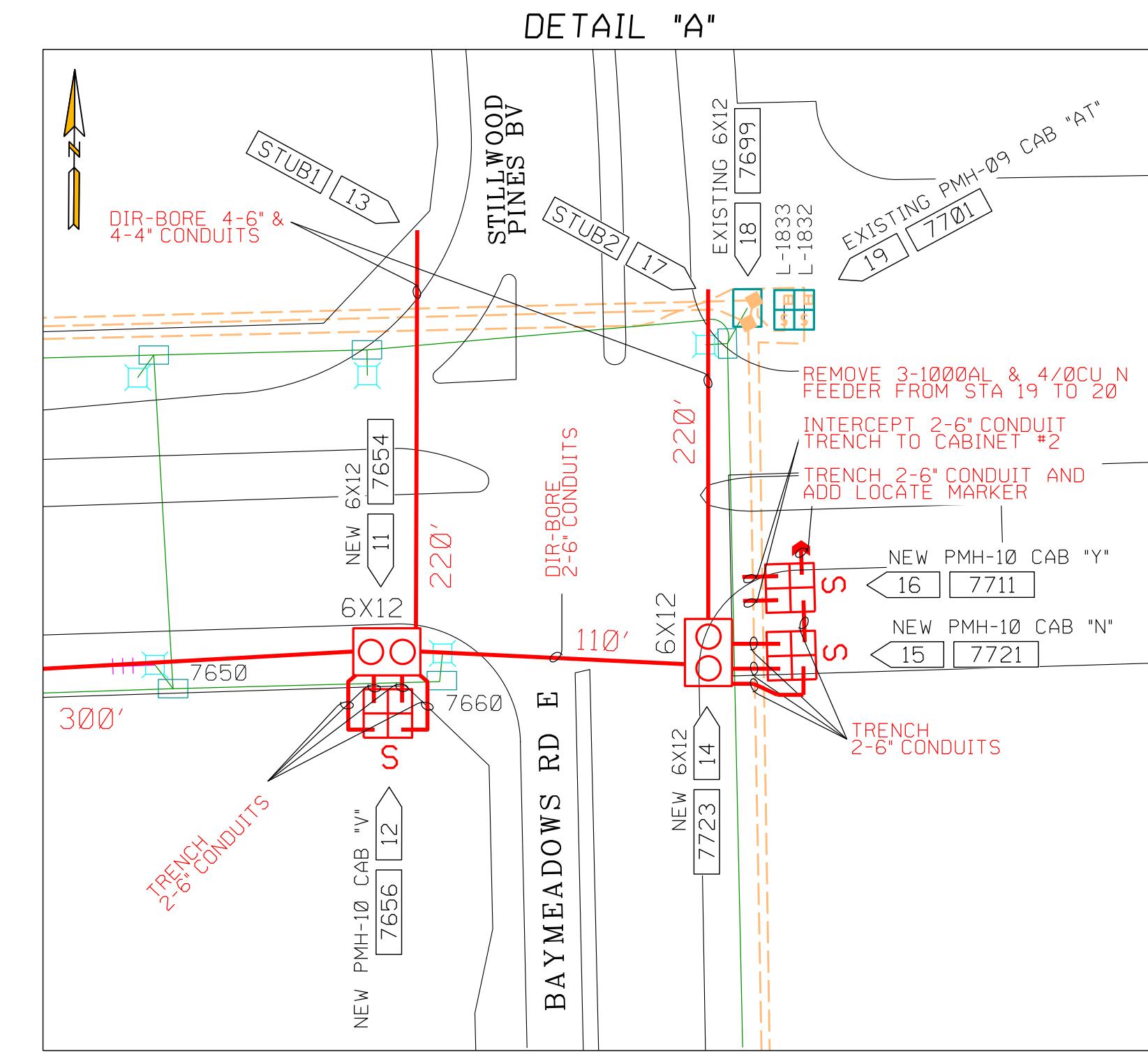
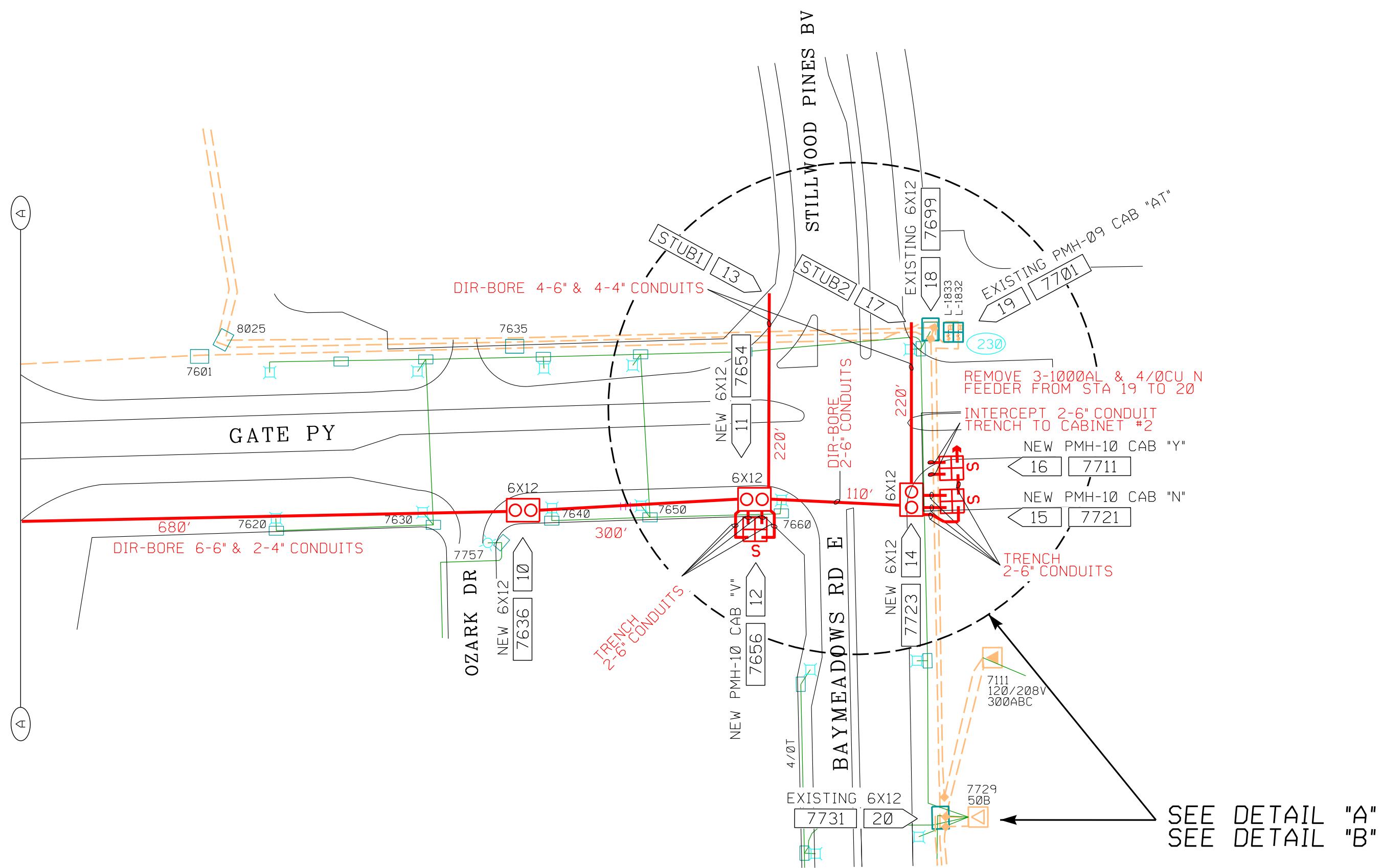
POINT MEADOWS T2 ADDITION PROJECT NUMBERS:  
WO#31640768 - CONDUIT WORK  
WO#31641833 - FEEDER CABLE WORK

## PROJECT SWITCH & CIRCUIT MAPS:

055  
055.1  
055.2  
deerwoodparkse-2\_cl  
deerwoodparkse-3\_cl  
pointmeadowsdrnorth\_cl

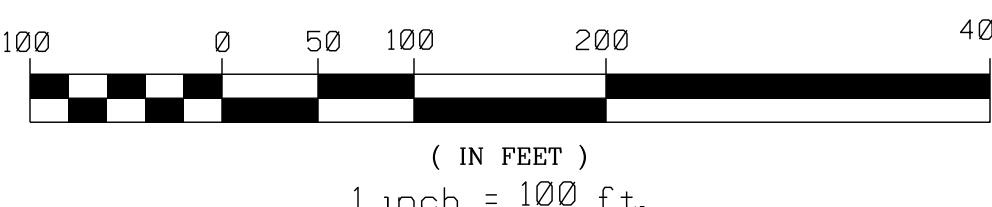


1 inch = 100 ft.				
<b>SUBSTATION/CIRCUIT</b> SUBSTATION NAME POINT MEADOWS		<b>ENGINEER / PROJECT MANAGER</b> ENGINEER : C.MEAD PHONE : (904) 485-6668 CIRCUIT NUMBER/S : 233, 234, 235 CELL : (904) 625-5307 SWITCH MAP NUMBER/S : 55 EMAIL : MEADCH@jea.com PRIMARY VOLTAGE : 26.4kV		<b>AS - BUILT</b> <small>ELECTRIC UTILITY CONDUIT SYSTEM</small>  POINT MEADOWS 230-26kV T2 ADDITION CKTS 233, 234, & 235 CONSTRUCTION DRAWING 225 N PEARL ST. JACKSONVILLE, FLORIDA 32202-3139 JEA CONTRACT ADMIN: 11646
<b>ENGINEERING RECORD</b> DATE : COMPANY NAME : ADDRESS : PHONE NO. : <small>I HERBLY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.</small>		DRAWING NO.: 110336 CPN : 801021 MW : 31640783 SHEET NO. : 1 APPROVED FOR CONSTRUCTION : 1		
BY : DATE : DESIGNED : JBM 09/22/25 CHECKED : CM APPROVED : MS				

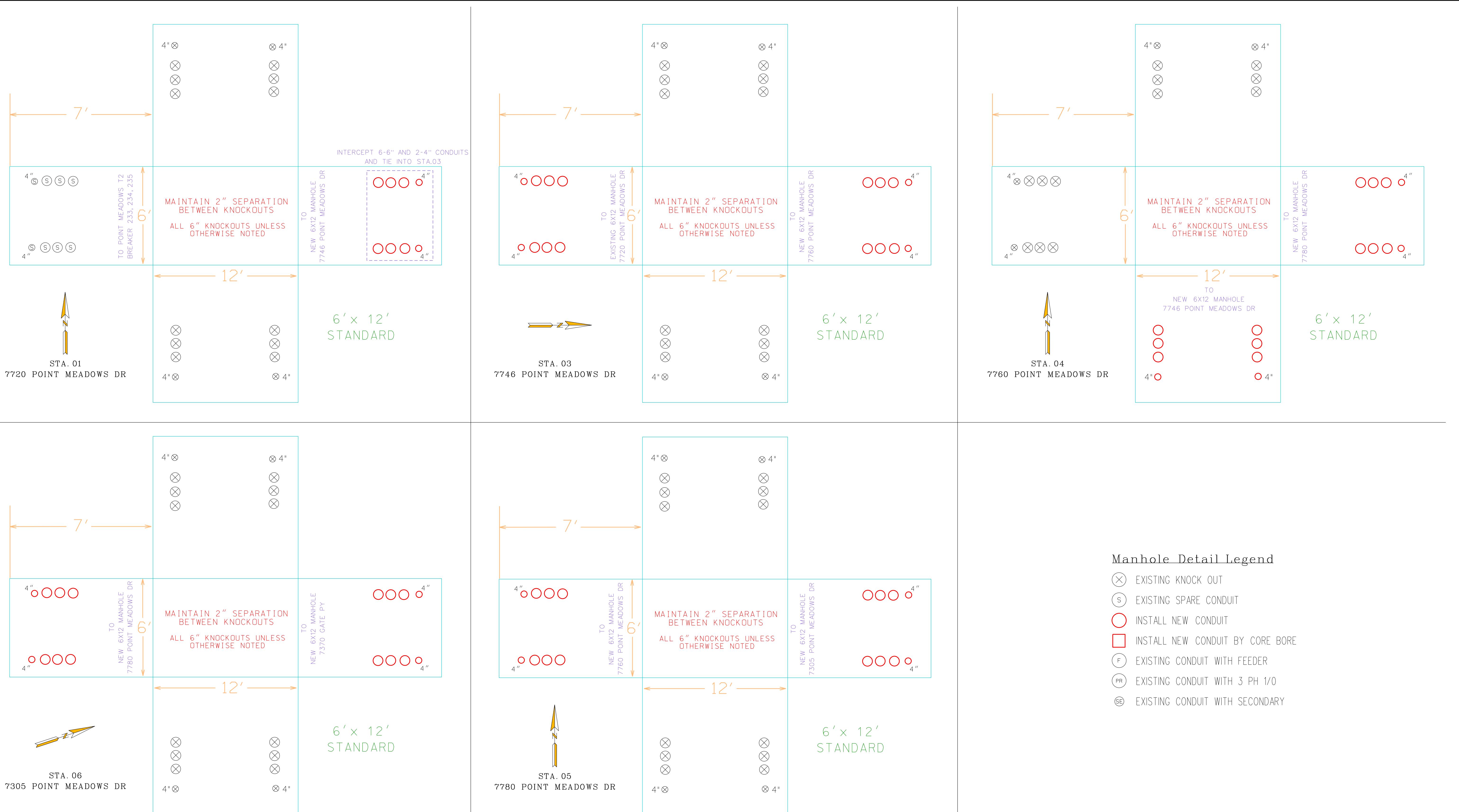


POINT MEADOWS T2 ADDITION PROJECT NUMBERS:  
WO#31640768 - CONDUIT WORK  
WO#31641833 - FEEDER CABLE WORK

PROJECT SWITCH & CIRCUIT MAPS:  
055  
055.1  
055.2  
deerwoodparkse-2\_cl  
deerwoodparkse-3\_cl  
pointmeadowsdrnorth\_cl



SUBSTATION/CIRCUIT		ENGINEER / PROJECT MANAGER		AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM		ENGINEERING RECORD		DRAWING NO.:
SUBSTATION NAME POINT MEADOWS		ENGINEER : C. MEAD PHONE : (904) 485-6668 CELL : (904) 625-5307 EMAIL : MEADCH@jea.com EMAIL : MCMAJB2@jea.com		DATE COMPANY NAME ADDRESS PHONE NO. I HEARBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.		BY DATE DESIGNED : JBM 09/22/25 CHECKED : CM APPROVED : MS CONTRACTOR'S LICENSE No. APPROVED FOR CONSTRUCTION JEA CONTRACT ADMIN:		ufp0336 OPEN : 8/1/21 MWD : 31640768 SHEET NO. 2025-10-03 Jason Quinlan
CIRCUIT NUMBER/S 233, 234, 235		SWITCH MAP NUMBER/S 55				POINT MEADOWS 230-26kV T2 ADDITION CKT'S 233, 234 & 235 CONSTRUCTION DRAWING 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139		
PRIMARY VOLTAGE 26.4kV								



SUBSTATION/CIRCUIT	
SUBSTATION NAME POINT MEADOWS	
CIRCUIT NUMBER/S 233, 234, 235	
SWITCH MAP NUMBER/S 55	
PRIMARY VOLTAGE 26.4kV	

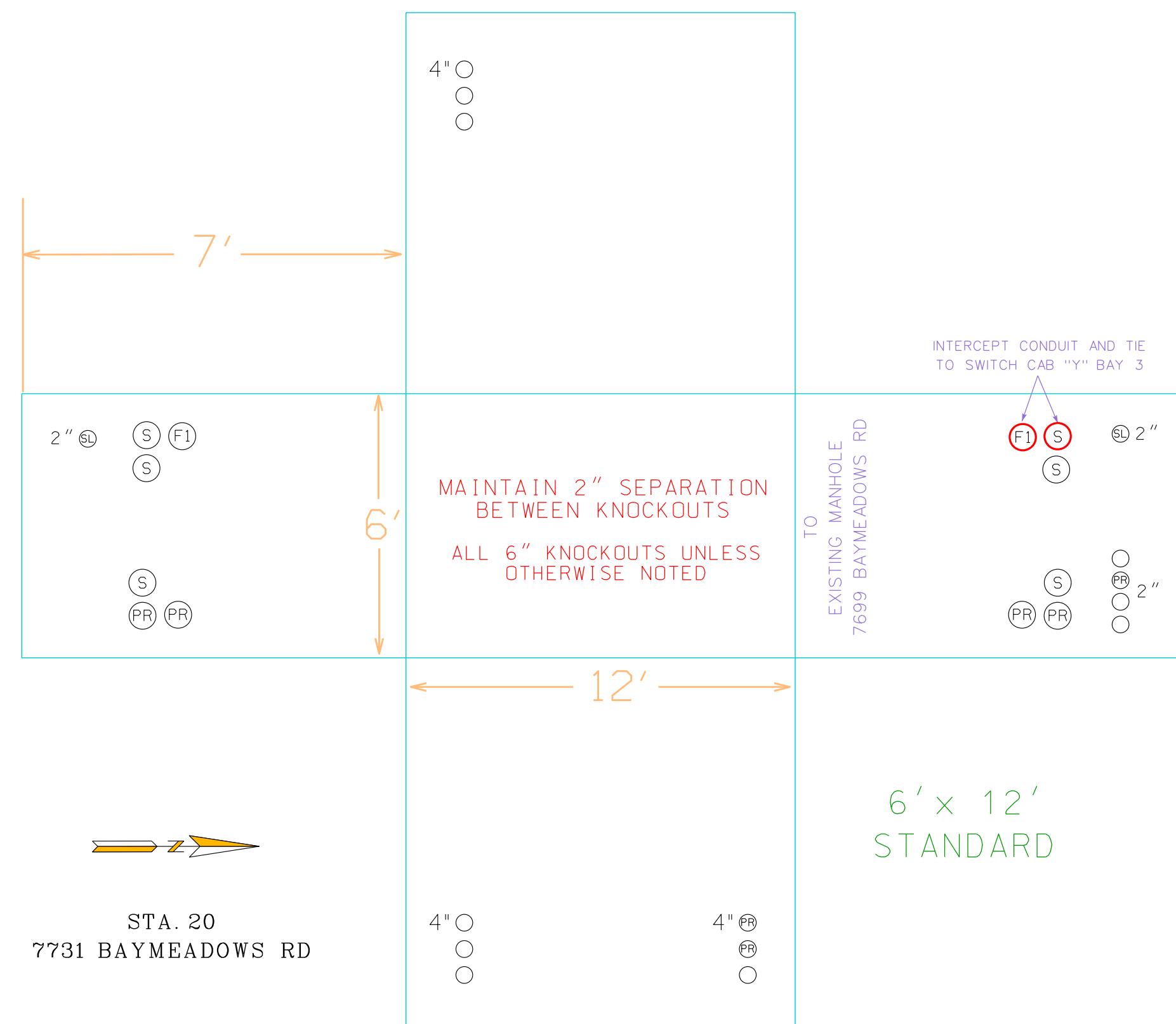
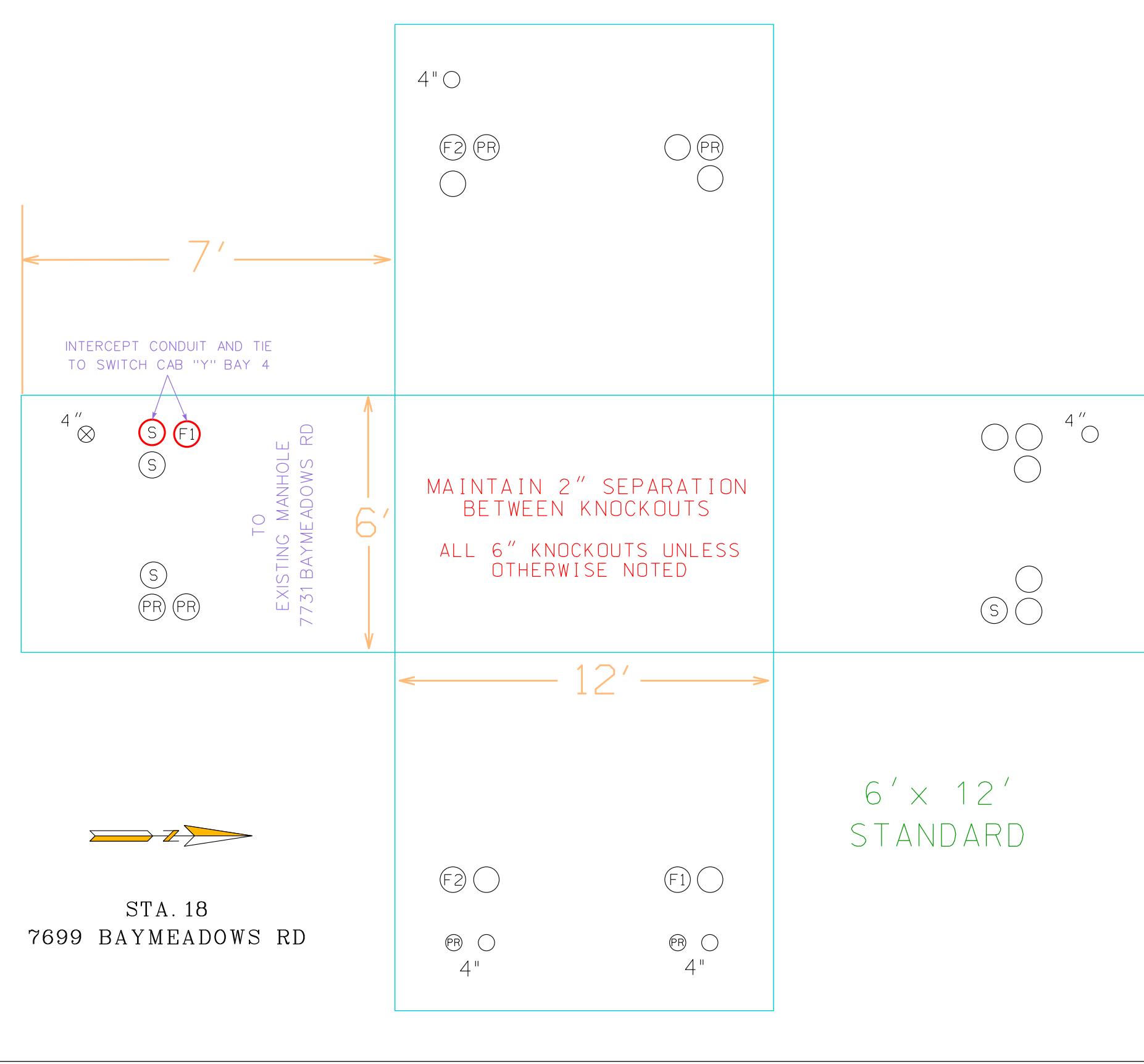
ENGINEER / PROJECT MANAGER	
ENGINEER : C.MEAD	
PHONE : (904) 485-6668	
CELL : (904) 625-5307	
EMAIL : MEADCH@jea.com	
EMAIL : MCMAJB2@jea.com	

AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM	
DATE COMPANY NAME ADDRESS	
PHONE NO.	
I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.	
AUTHORIZED NAME AUTHORIZED SIGNATURE CONTRACTOR'S LICENSE NO.	
JEA CONTRACT ADMIN	

ENGINEERING RECORD		
	BY	DATE
DESIGNED :	JBM	09/22/25
CHECKED :	CM	
APPROVED :	MS	
APPROVED FOR CONSTRUCTION :		



SUBSTATION/CIRCUIT	ENGINEER / PROJECT MANAGER	AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM	ENGINEERING RECORD	POINT MEADOWS 230-26kV T2 ADDITION	DRAWING NO.:
SUBSTATION NAME POINT MEADOWS	ENGINEER : C.MEAD PHONE : (904) 485-6668 CELL : (904) 625-5307 EMAIL : MEADCH@jea.com EMAIL : MCMAJB2@jea.com	DATE COMPANY NAME ADDRESS  PHONE NO. I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS. AUTHORIZED NAME _____ AUTHORIZED SIGNATURE _____ CONTRACTOR'S LICENSE No. _____ JEA CONTRACT ADMIN _____	BY DATE  DESIGNED : JBM 09/22/25 CHECKED : CM APPROVED : MS APPROVED FOR CONSTRUCTION	CKT'S 233, 234, & 235 MANHOLE DETAILS 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139	ufp0336 OPN : 8010121 MWD : 31640768 SHEET NO. Approved 2095-H-04600358 4 10/3/2025
CIRCUIT NUMBER/S 233, 234, 235					
SWITCH MAP NUMBER/S 55					
PRIMARY VOLTAGE 26.4kV					



<b>SUBSTATION/CIRCUIT</b>	
SUBSTATION NAME	POINT MEADOWS
CIRCUIT NUMBER/S	233, 234, 235
SWITCH MAP NUMBER/S	55
PRIMARY VOLTAGE	26.4kV

ENGINEER / PROJECT MANAGER

---

ENGINEER : C.MEAD

PHONE : (904) 485-6668

CELL : (904) 625-5307

EMAIL : MEADCH@jea.com

EMAIL : MCMAJB2@jea.com

<b>AS - BUILT</b> <b>ELECTRIC UTILITY CONDUIT SYSTEM</b>	
DATE	_____
COMPANY NAME	_____
ADDRESS	_____
PHONE NO.	_____
I HEARBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.	
AUTHORIZED NAME	_____
AUTHORIZED SIGNATURE	_____
CONTRACTOR'S LICENSE No.	_____

ENGINEERING RECORD		
	BY	DATE
DESIGNED :	JBM	09/22/25
CHECKED :	CM	
APPROVED :	MS	
APPROVED FOR		
CONSTRUCTION :		



225 N. PEARL ST.  
JACKSONVILLE, FLORIDA 32202-2141

POINT MEADOWS 230-26kV T2 ADDITION  
CKT'S 233, 234, & 235  
MANHOLE DETAILS

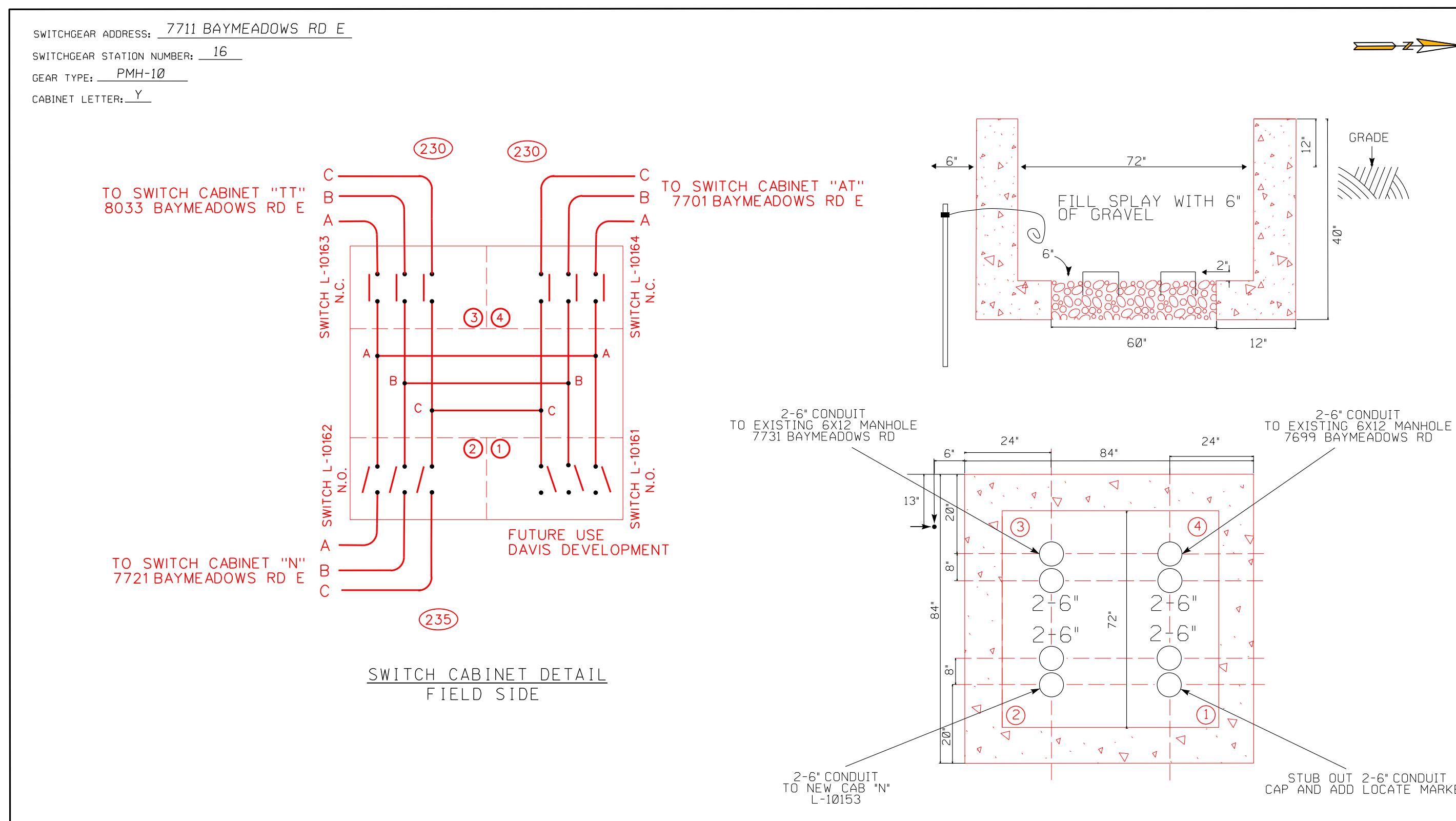
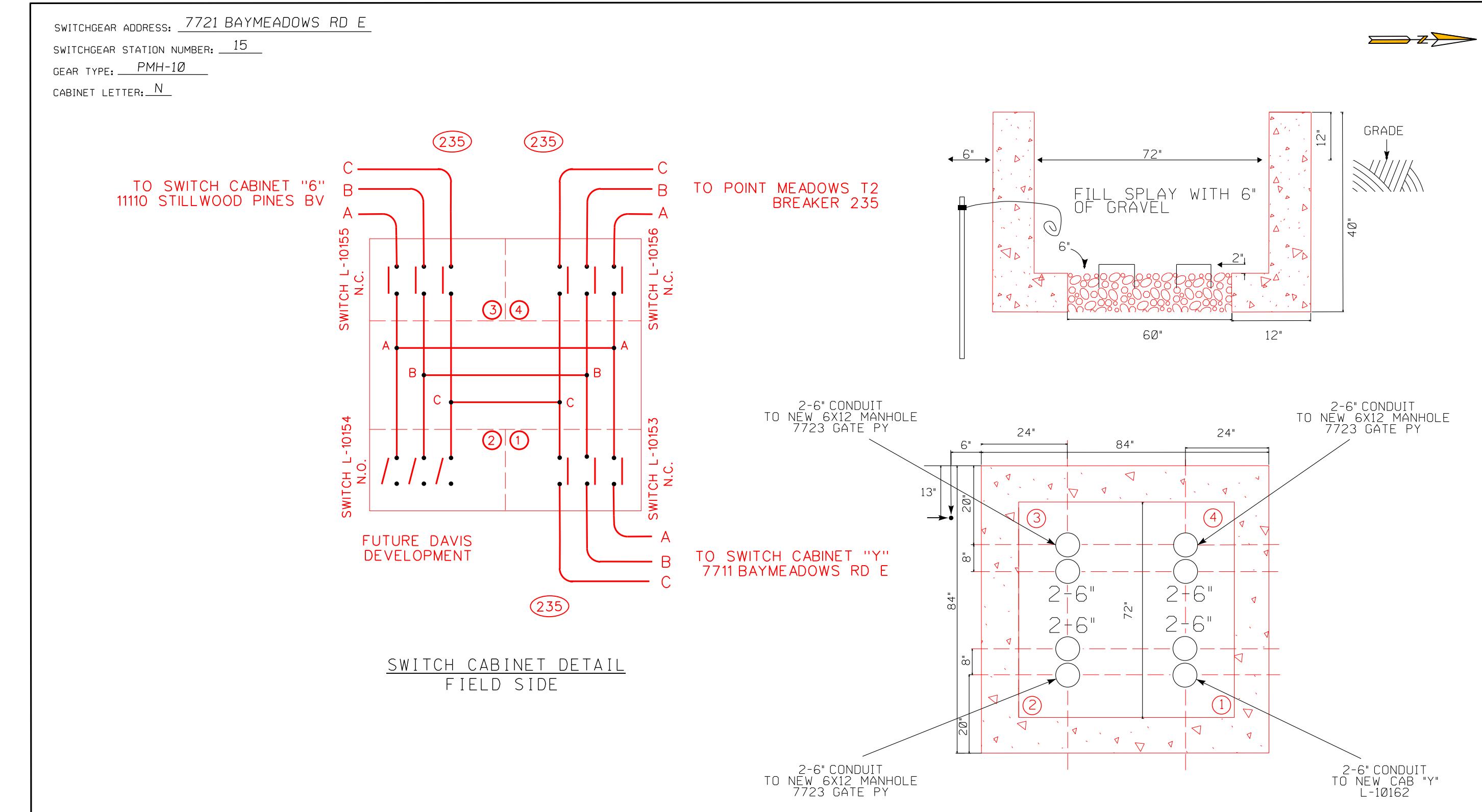
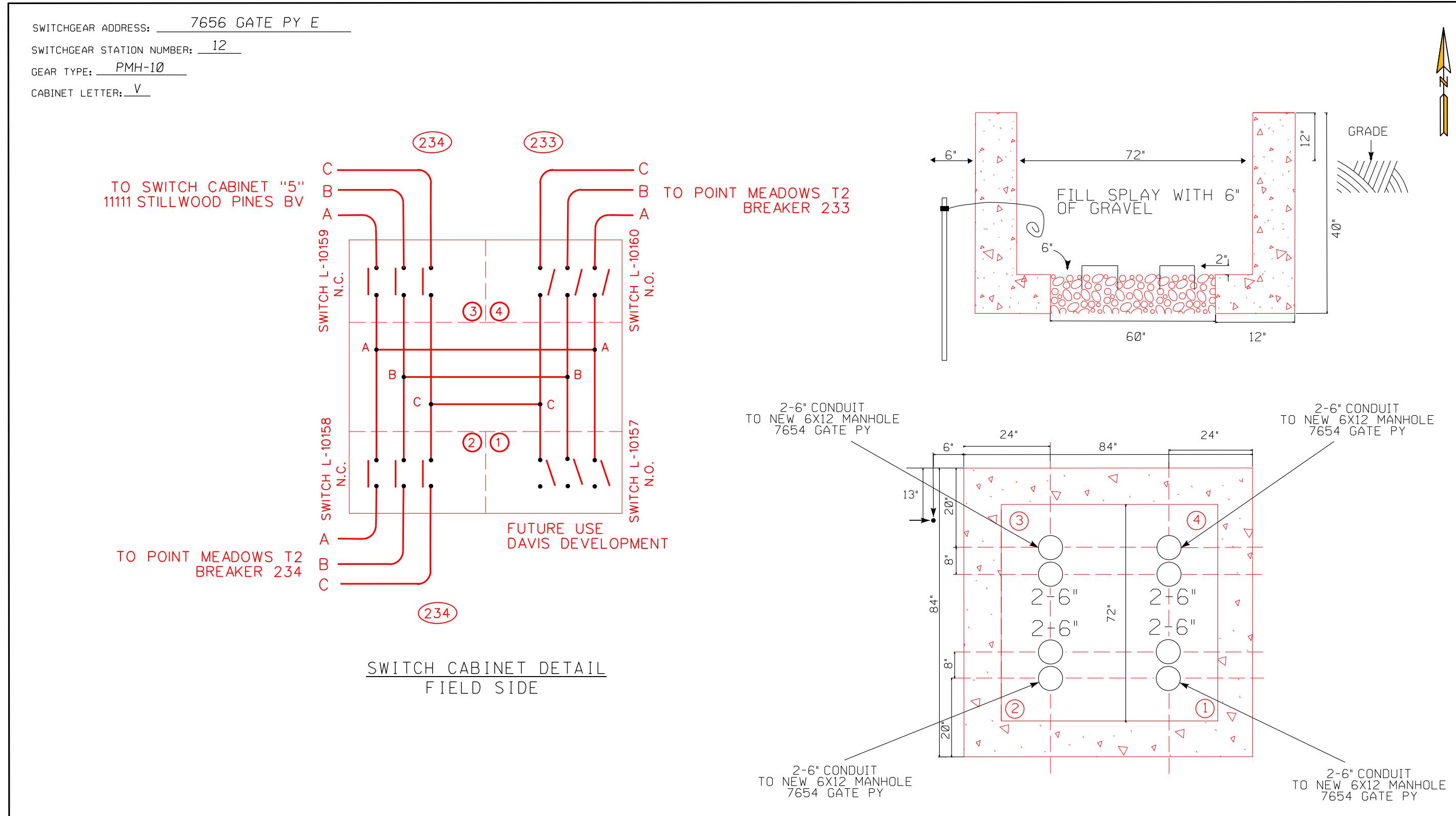
DRAWING NO. :  
ufp0336

OPN :  
8010121

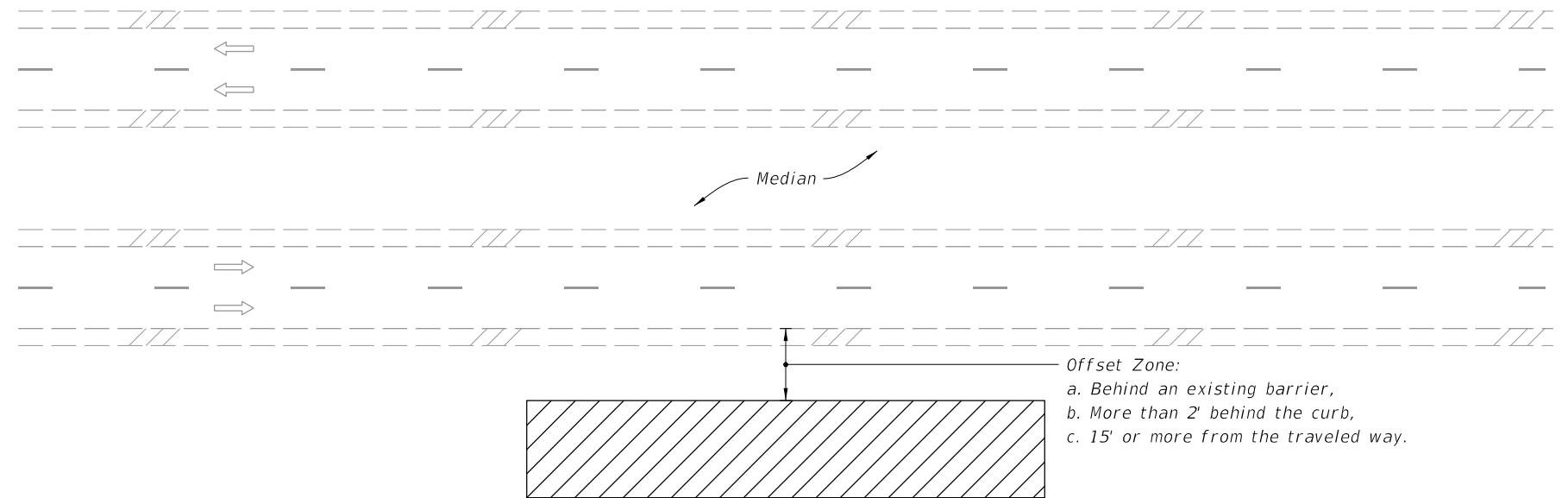
MWO :  
31640768

SHEET NO.  
5 OF 6

Approved  
5-H-204-00358



SUBSTATION/CIRCUIT	ENGINEER / PROJECT MANAGER	AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM	ENGINEERING RECORD	POINT MEADOWS 230-26kV T2 ADDITION CKT'S 233, 234, & 235 CABINET DETAILS	DRAWING NO.: ufp0336 OPEN : 8010121 MWO : 31640768 SHEET NO. Approved 6-205H-054600358 Jason Giampa 10/3/2025
SUBSTATION NAME POINT MEADOWS	ENGINEER : C.MEAD PHONE : (904) 485-6668 CELL : (904) 625-5307 SWITCH MAP NUMBER/S 55 PRIMARY VOLTAGE 26.4kV	<p>DATE COMPANY NAME ADDRESS</p> <p>PHONE I HERBLY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.</p> <p>AUTHORIZED NAME AUTHORIZED SIGNATURE CONTRACTOR'S LICENSE NO. JEA CONTRACT ADMIN</p>	<p>BY DATE</p> <p>DESIGNED : JBM 09/22/25 CHECKED : CM APPROVED : MS APPROVED FOR CONSTRUCTION</p>	<p><b>JEA</b> BUILDING COMMUNITY 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139</p>	
CIRCUIT NUMBER/S 233, 234, 235					
SWITCH MAP NUMBER/S 55					
PRIMARY VOLTAGE 26.4kV					



===== MULTILANE ROADWAY SHOWN, TWO-LANE ROADWAY SIMILAR =====

**NOTES:**

1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work beyond the shoulder.
2. Use Index 102-602 when 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 period.
3. Use Index 102-660 when Work Area encroaches a Sidewalk.

**SYMBOLS:**



Work Area



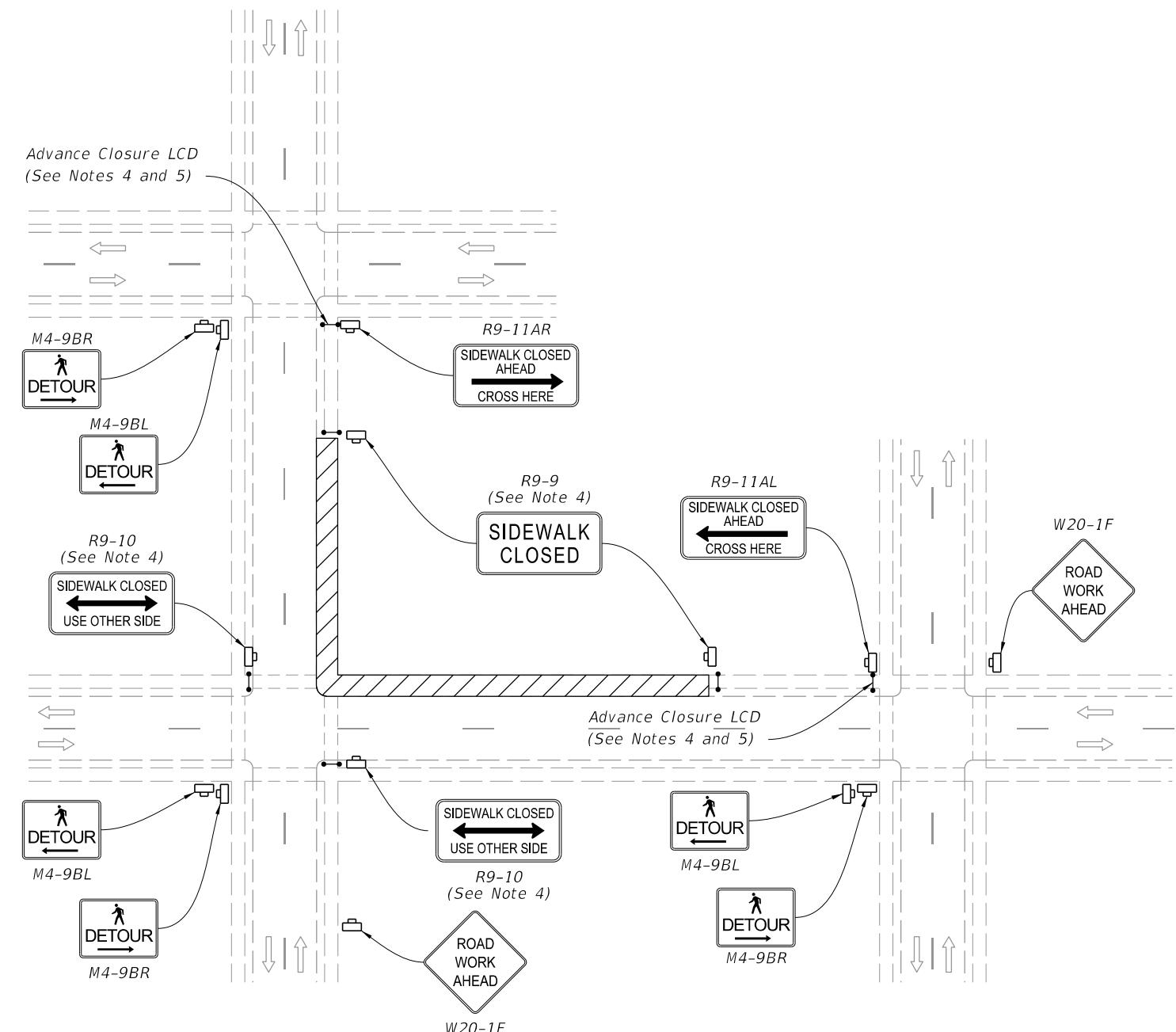
Lane Identification and Direction of Traffic

**NOTES:**

1. Cover or deactivate pedestrian traffic signal display(s) controlling closed crosswalks.
2. Place pedestrian LCDs across the full width of the closed sidewalk.
3. For post mounted signs located near or adjacent to a sidewalk, maintain a minimum 7' clearance from the bottom of the sign panel to the surface of the sidewalk.
4. "Sidewalk Closed" signs (R9-XX) may be mounted on pedestrian LCDs in accordance with the manufacturer's instructions.
5. Omit the Advance Closure LCD if it blocks access to other pedestrian facilities (e.g., transit stops, residences, or business entrances).

**SYMBOLS:**

- Work Area
- Work Zone Sign
- Pedestrian Longitudinal Channelizing Device (LCD)
- Lane Identification and Direction of Traffic



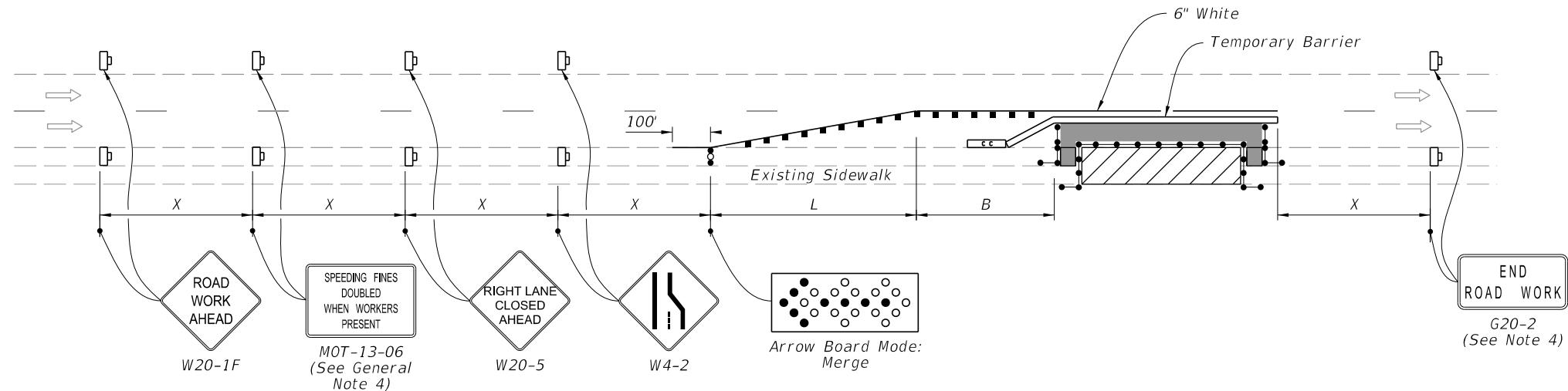
**PEDESTRIAN DETOUR**

**NOTES:**

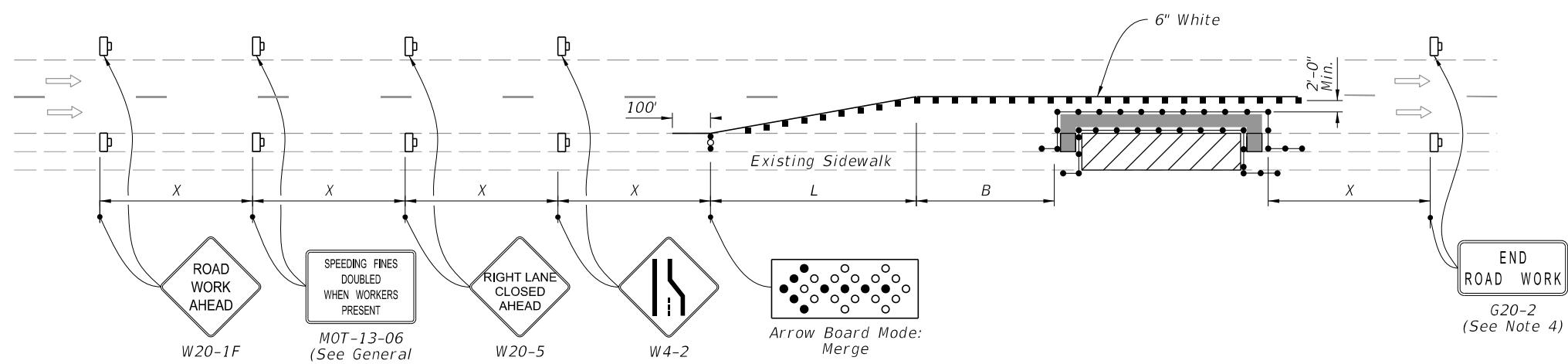
1.  $L$  = Taper Length  
 $B$  = Buffer Length  
 $X$  = Work Zone Sign Distance  
 See Index 102-600 for " $L$ ", " $B$ ", " $X$ ", channelizing device spacing values.
2. Provide a 5' wide temporary pedestrian way with a maximum cross-slope of 0.02, except where space restrictions warrant a minimum width of 4'. Provide a 5' x 5' passing space for temporary pedestrian ways less than 5' in width at intervals not to exceed 200'.
3. When temporary pedestrian ways require curb ramps, meet the requirements of Index 522-002. Detectable warnings are not required for curb ramps diverting pedestrian traffic into a closed lane.
4. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work operation will be in place for 24 hours or less.
5. Pedestrian Diversion Option 2 may only be used when called for in the Plans or as approved by an Engineer.

**SYMBOLS:**

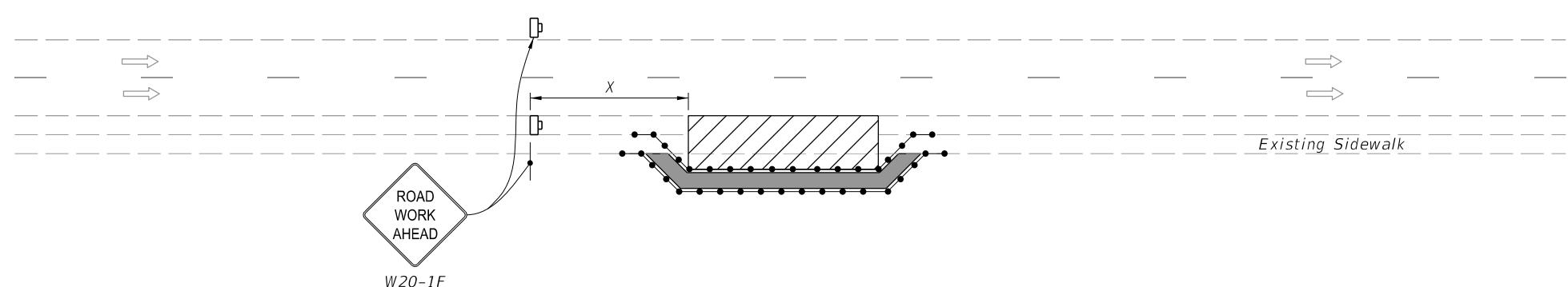
- Work Area
- Temporary Pedestrian Way
- Channelizing Device (See Index 102-600)
- Pedestrian Longitudinal Channelizing Device (LCD)
- Work Zone Sign
- Arrow Board
- Crash Cushion
- Lane Identification and Direction of Traffic



**PEDESTRIAN DIVERSION - OPTION 1**  
 (Temporary Barrier Shown, Low Profile Barrier Similar)



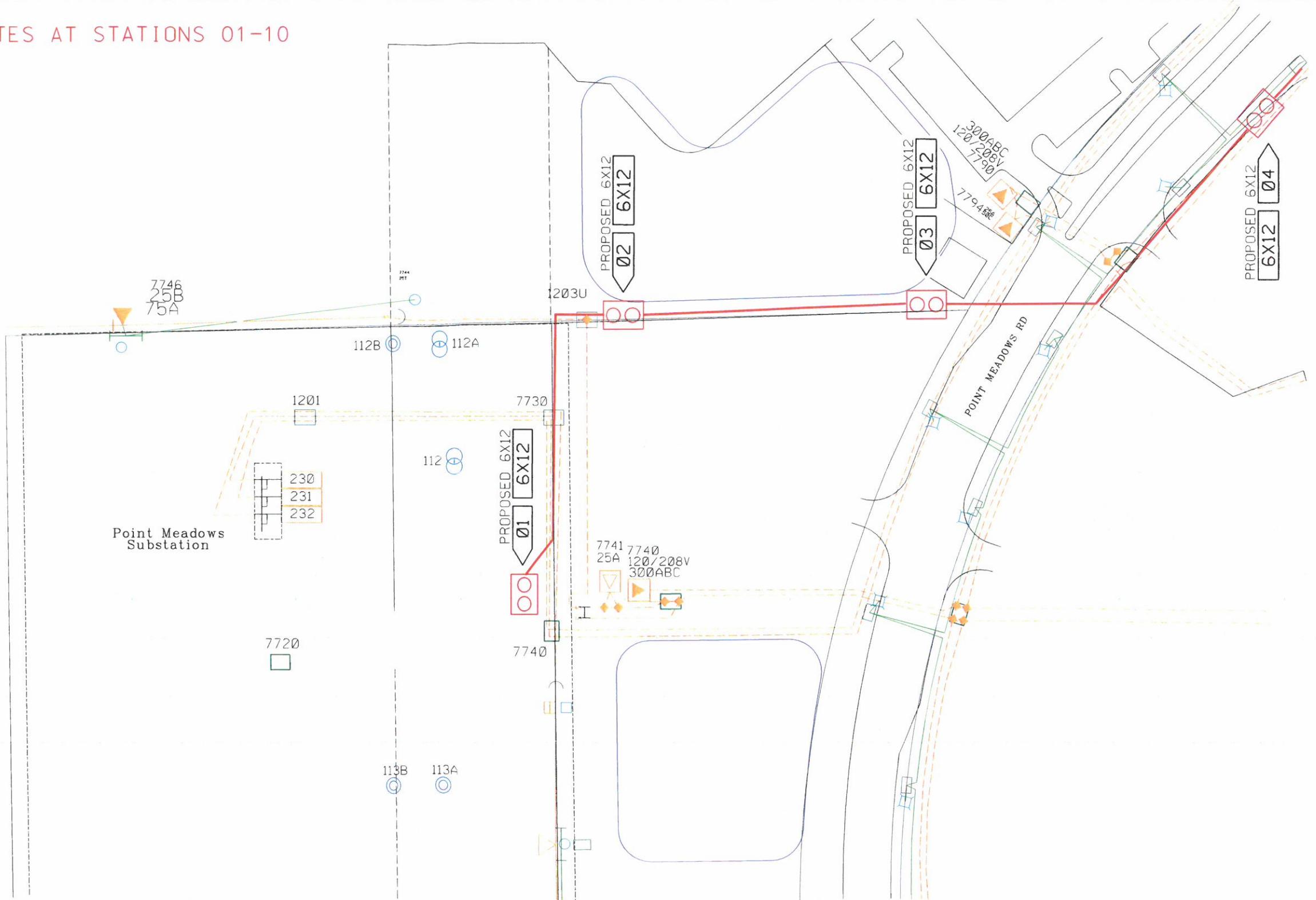
**PEDESTRIAN DIVERSION - OPTION 2**  
 (Work Zone Speed 45 mph or Less)

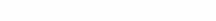


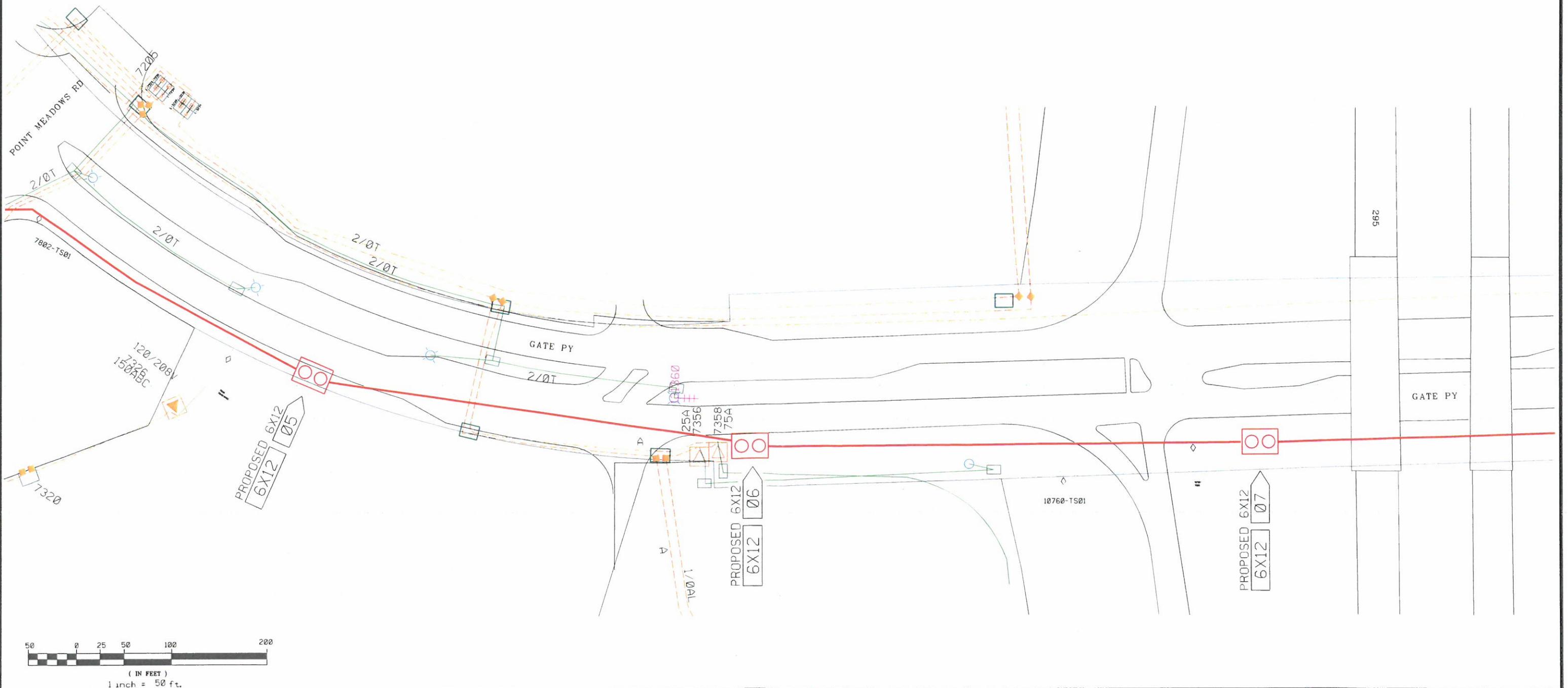
**PEDESTRIAN SPECIAL DETOUR**

Exhibit F – Completed Exploratories

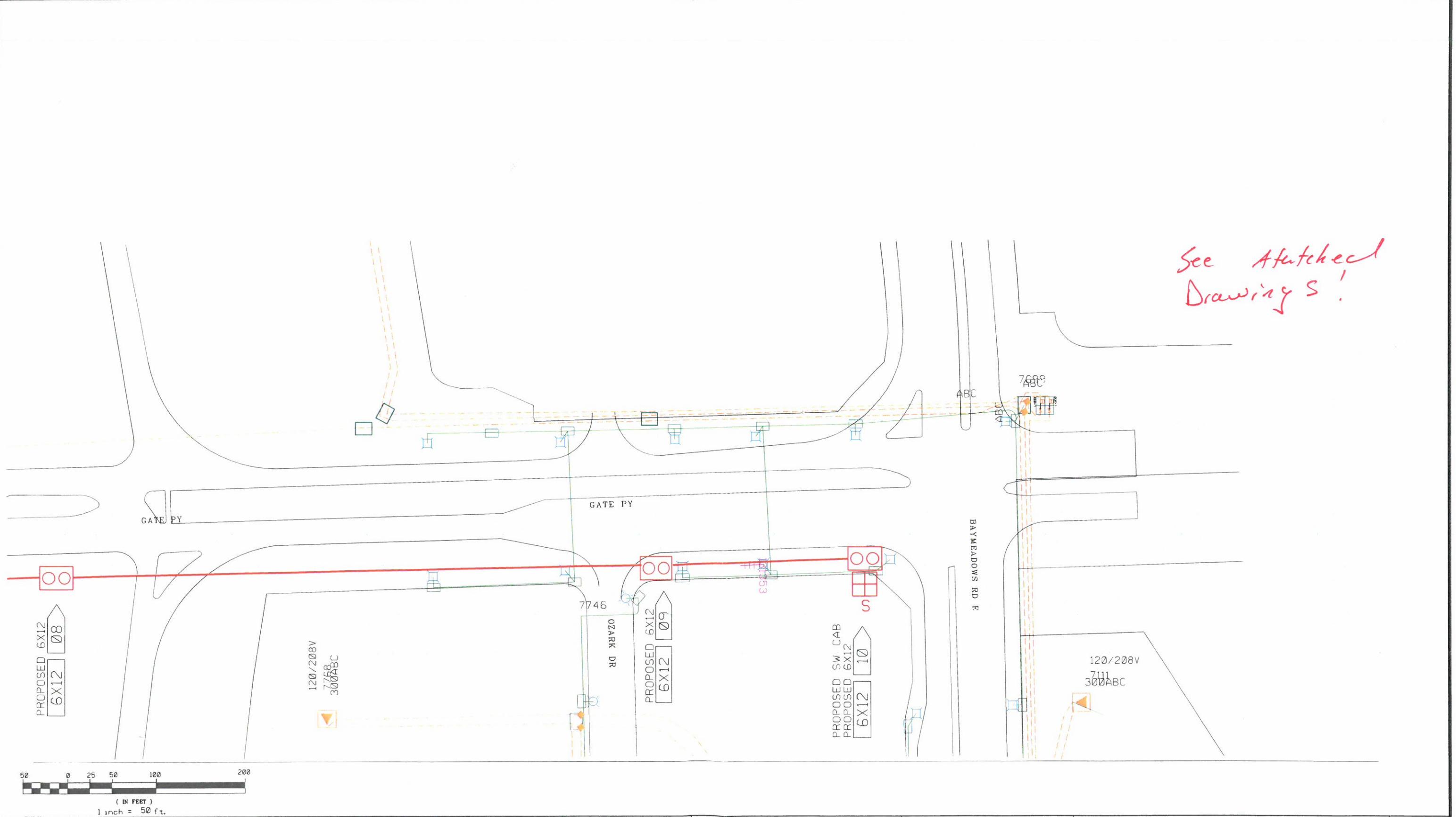
NOTES:  
CONDUCT EXPLORATORY EXCAVATES AT STATIONS 01-10



SUBSTATION/CIRCUIT		ENGINEER/PROJECT MANAGER	AS - BUILT <small>ELECTRIC UTILITY CONSTRUCTION</small>	ENGINEERING RECORD	 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139	DRAWING NO.:  POINT MEADOWS 233, 234, & 235 EXPLORATORY EXCAVATES
SUBSTATION NAME POINTMEADOWS		ENGINEER : B.MCMAHAN PHONE : (904) 625-5307 CIRCUIT NUMBER/S 233, 234, & 235 SWITCH MAP NUMBER/S 55 PRIMARY VOLTAGE 26.4kV	DATE COMPANY NAME ADDRESS  PHONE NO. I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS. AUTHORIZED NAME AUTHORIZED SIGNATURE CONTRACTOR'S LICENSE No. JEA CONTRACT ADMIN	BY DATE JBM 01/23/25 CM 01/28/25		
EMAIL : MCMAJB2@jea.com EMAIL :				APPROVED FOR CONSTRUCTION		



SUBSTATION/CIRCUIT	ENGINEER/PROJECT MANAGER	AS - BUILT ELECTRIC UTILITY CIRCUIT SYSTEM	ENGINEERING RECORD	DRAWING NO.:
SUBSTATION NAME POINTMEADOWS	ENGINEER : B.MCMAHAN PHONE : (904) 625-5307 CELL : EMAIL : MCMAJB2@jea.com PRIMARY VOLTAGE 26.4kV	<p>DATE _____          COMPANY NAME _____          ADDRESS _____    <small>I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL FIELD LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.</small></p> <p>PHONE NO. _____          AUTHORIZED NAME _____          AUTHORIZED SIGNATURE _____          CONTRACTOR'S LICENSE NO. _____          JEA CONTRACT ADMIN _____</p>	<p>BY _____ DATE _____</p> <p>DESIGNED : JBM 01/23/25          CHECKED : CM 01/28/25          APPROVED :          APPROVED FOR CONSTRUCTION :</p>	<p>OPEN : 6010121          MWD : 31528091          SHEET NO. 2 OF 3</p>
<p>POINT MEADOWS 233, 234, &amp; 235 EXPLORATORY EXCAVATES</p> <p><b>JEA</b> BUILDING COMMUNITY 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139</p>				



SUBSTATION/CIRCUIT	ENGINEER/PROJECT MANAGER	AS - BUILT ELECTRIC UTILITY CIRCUIT SHEET	ENGINEERING RECORD	DRAWING NO.:										
SUBSTATION NAME POINTMEADOWS	ENGINEER : B.MCMAHAN PHONE : (904) 625-5307 CELL : EMAIL : MCMAJB2@jea.com PRIMARY VOLTAGE 26.4kV	<p>AS - BUILT ELECTRIC UTILITY CIRCUIT SHEET</p> <p>DATE _____ COMPANY NAME _____ ADDRESS _____</p> <p>PHONE NO. _____</p> <p>I HEREBY CERTIFY THAT THIS "AS - BUILT" DRAWING REPRESENTS THE ACTUAL HORIZONTAL AND VERTICAL LOCATIONS AND THAT THE MATERIALS USED ARE IN ACCORDANCE WITH THE APPROVED JEA SPECIFICATIONS.</p> <p>AUTHORIZED NAME _____ AUTHORIZED SIGNATURE _____ CONTRACTOR'S LICENSE NO. _____ JEA CONTRACT ADMIN _____</p>	<p>ENGINEERING RECORD</p> <table border="1"> <tr> <td>BY</td> <td>DATE</td> </tr> <tr> <td>DESIGNED : JBM</td> <td>01/23/25</td> </tr> <tr> <td>CHECKED : CM</td> <td>01/28/25</td> </tr> <tr> <td>APPROVED :</td> <td></td> </tr> <tr> <td>APPROVED FOR CONSTRUCTION :</td> <td></td> </tr> </table>	BY	DATE	DESIGNED : JBM	01/23/25	CHECKED : CM	01/28/25	APPROVED :		APPROVED FOR CONSTRUCTION :		<p>OPEN : 8010121</p> <p>MWD : 31528091</p> <p>SHEET NO. 3 OF 3</p>
BY	DATE													
DESIGNED : JBM	01/23/25													
CHECKED : CM	01/28/25													
APPROVED :														
APPROVED FOR CONSTRUCTION :														
CIRCUIT NUMBER/S 233, 234, & 235	SWITCH MAP NUMBER/S 55	POINT MEADOWS 233, 234, & 235 EXPLORATORY EXCAVATES	JEA BUILDING COMMUNITY 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139											

N  
E  
2  
5

going to have to  
re-route the ground  
grid!

Sta 1

## Substation Heart Utilities of Jax

Project as Built

CA# B5016

Project # 31528091

Complete 4/13/25

~~Project Manager~~

Retention  
Drain  
Space

Road

Retention  
Drain

24' 0" to H. fence  
ground  
grid

Buck  
of  
Storm  
Drain  
8' 0" off  
Manhole 7' 0"

O<sub>nh</sub>O

Rock Road

5' 0" H. drain

Card reader

Sta 2

May need to shift  
to No Rock Road

30' of Easement from Curb

10' 0" to 14' 0"

14' 0" to 18' 0"

18' 0" to 22' 0"

22' 0" to 26' 0"

26' 0" to 30' 0"

30' 0" to 34' 0"

34' 0" to 38' 0"

38' 0" to 42' 0"

42' 0" to 46' 0"

46' 0" to 50' 0"

50' 0" to 54' 0"

54' 0" to 58' 0"

58' 0" to 62' 0"

62' 0" to 66' 0"

66' 0" to 70' 0"

70' 0" to 74' 0"

74' 0" to 78' 0"

78' 0" to 82' 0"

82' 0" to 86' 0"

86' 0" to 90' 0"

90' 0" to 94' 0"

94' 0" to 98' 0"

98' 0" to 102' 0"

102' 0" to 106' 0"

106' 0" to 110' 0"

110' 0" to 114' 0"

114' 0" to 118' 0"

118' 0" to 122' 0"

122' 0" to 126' 0"

126' 0" to 130' 0"

130' 0" to 134' 0"

134' 0" to 138' 0"

138' 0" to 142' 0"

142' 0" to 146' 0"

146' 0" to 150' 0"

150' 0" to 154' 0"

154' 0" to 158' 0"

158' 0" to 162' 0"

162' 0" to 166' 0"

166' 0" to 170' 0"

170' 0" to 174' 0"

174' 0" to 178' 0"

178' 0" to 182' 0"

182' 0" to 186' 0"

186' 0" to 190' 0"

190' 0" to 194' 0"

194' 0" to 198' 0"

198' 0" to 202' 0"

202' 0" to 206' 0"

206' 0" to 210' 0"

210' 0" to 214' 0"

214' 0" to 218' 0"

218' 0" to 222' 0"

222' 0" to 226' 0"

226' 0" to 230' 0"

230' 0" to 234' 0"

234' 0" to 238' 0"

238' 0" to 242' 0"

242' 0" to 246' 0"

246' 0" to 250' 0"

250' 0" to 254' 0"

254' 0" to 258' 0"

258' 0" to 262' 0"

262' 0" to 266' 0"

266' 0" to 270' 0"

270' 0" to 274' 0"

274' 0" to 278' 0"

278' 0" to 282' 0"

282' 0" to 286' 0"

286' 0" to 290' 0"

290' 0" to 294' 0"

294' 0" to 298' 0"

298' 0" to 302' 0"

302' 0" to 306' 0"

306' 0" to 310' 0"

310' 0" to 314' 0"

314' 0" to 318' 0"

318' 0" to 322' 0"

322' 0" to 326' 0"

326' 0" to 330' 0"

330' 0" to 334' 0"

334' 0" to 338' 0"

338' 0" to 342' 0"

342' 0" to 346' 0"

346' 0" to 350' 0"

350' 0" to 354' 0"

354' 0" to 358' 0"

358' 0" to 362' 0"

362' 0" to 366' 0"

366' 0" to 370' 0"

370' 0" to 374' 0"

374' 0" to 378' 0"

378' 0" to 382' 0"

382' 0" to 386' 0"

386' 0" to 390' 0"

390' 0" to 394' 0"

394' 0" to 398' 0"

398' 0" to 402' 0"

402' 0" to 406' 0"

406' 0" to 410' 0"

410' 0" to 414' 0"

414' 0" to 418' 0"

418' 0" to 422' 0"

422' 0" to 426' 0"

426' 0" to 430' 0"

430' 0" to 434' 0"

434' 0" to 438' 0"

438' 0" to 442' 0"

442' 0" to 446' 0"

446' 0" to 450' 0"

450' 0" to 454' 0"

454' 0" to 458' 0"

458' 0" to 462' 0"

462' 0" to 466' 0"

466' 0" to 470' 0"

470' 0" to 474' 0"

474' 0" to 478' 0"

478' 0" to 482' 0"

482' 0" to 486' 0"

486' 0" to 490' 0"

490' 0" to 494' 0"

494' 0" to 498' 0"

498' 0" to 502' 0"

502' 0" to 506' 0"

506' 0" to 510' 0"

510' 0" to 514' 0"

514' 0" to 518' 0"

518' 0" to 522' 0"

522' 0" to 526' 0"

526' 0" to 530' 0"

530' 0" to 534' 0"

534' 0" to 538' 0"

538' 0" to 542' 0"

542' 0" to 546' 0"

546' 0" to 550' 0"

550' 0" to 554' 0"

554' 0" to 558' 0"

558' 0" to 562' 0"

562' 0" to 566' 0"

566' 0" to 570' 0"

570' 0" to 574' 0"

574' 0" to 578' 0"

578' 0" to 582' 0"

582' 0" to 586' 0"

586' 0" to 590' 0"

590' 0" to 594' 0"

594' 0" to 598' 0"

598' 0" to 602' 0"

602' 0" to 606' 0"

606' 0" to 610' 0"

610' 0" to 614' 0"

614' 0" to 618' 0"

618' 0" to 622' 0"

622' 0" to 626' 0"

626' 0" to 630' 0"

630' 0" to 634' 0"

634' 0" to 638' 0"

638' 0" to 642' 0"

642' 0" to 646' 0"

646' 0" to 650' 0"

650' 0" to 654' 0"

654' 0" to 658' 0"

658' 0" to 662' 0"

662' 0" to 666' 0"

666' 0" to 670' 0"

670' 0" to 674' 0"

674' 0" to 678' 0"

678' 0" to 682' 0"

682' 0" to 686' 0"

686' 0" to 690' 0"

690' 0" to 694' 0"

694' 0" to 698' 0"

698' 0" to 702' 0"

702' 0" to 706' 0"

706' 0" to 710' 0"

710' 0" to 714' 0"

714' 0" to 718' 0"

718' 0" to 722' 0"

722' 0" to 726' 0"

726' 0" to 730' 0"

730' 0" to 734' 0"

734' 0" to 738' 0"

738' 0" to 742' 0"

742' 0" to 746' 0"

746' 0" to 750' 0"

750' 0" to 754' 0"

754' 0" to 758' 0"

758' 0" to 762' 0"

762' 0" to 766' 0"

766' 0" to 770' 0"

770' 0" to 774' 0"

774' 0" to 778' 0"

778' 0" to 782' 0"

782' 0" to 786' 0"

786' 0" to 790' 0"

790' 0" to 794' 0"

794' 0" to 798' 0"

798' 0" to 802' 0"

802' 0" to 806' 0"

806' 0" to 810' 0"

810' 0" to 814' 0"

814' 0" to 818' 0"

818' 0" to 822' 0"

822' 0" to 826' 0"

826' 0" to 830' 0"

830' 0" to 834' 0"

834' 0" to 838' 0"

838' 0" to 842' 0"

842' 0" to 846' 0"

846' 0" to 850' 0"

850' 0" to 854' 0"

854' 0" to 858' 0"

858' 0" to 862' 0"

862' 0" to 866' 0"

866' 0" to 870' 0"

870' 0" to 874' 0"

874' 0" to 878' 0"

878' 0" to 882' 0"

882' 0" to 886' 0"

886' 0" to 890' 0"

890' 0" to 894' 0"

894' 0" to 898' 0"

898' 0" to 902' 0"

902' 0" to 906' 0"

906' 0" to 910' 0"

910' 0" to 914' 0"

914' 0" to 918' 0"

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926' 0" to 930' 0"

930' 0" to 934' 0"

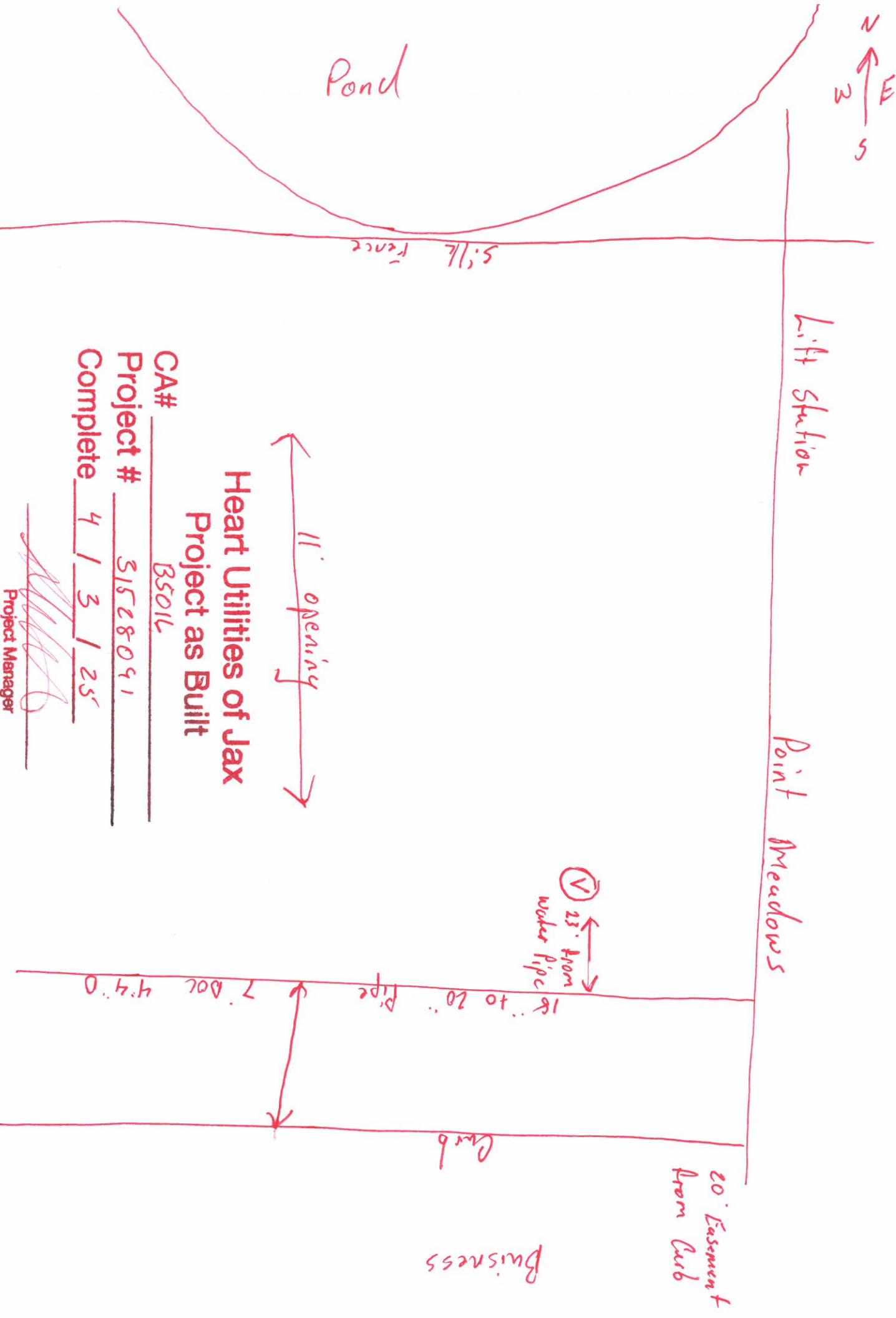
934' 0" to 938' 0"

938' 0" to 942' 0"

942' 0" to 946' 0"

946' 0" to 950' 0"

950' 0



Stk 4

N  
E  
S  
W

Gate Pkwy

grass  
grass

11' 8" from last utility  
to Culvers bushes

Culvers Drive Thru

(Oak tree) have  
down  
would cut  
tree  
be set  
x0

Oak tree

Culvers  
sign

Red light  
control box

Cross walk  
Red light  
pole

Cross walk

Water  
meter

4 pipes 5'0" 14" 16" 18"  
water main 6'0" 11' 18"

Side walk

grass

grass

fire  
hydrant

Heart Utilities of Jax

Project as Built

CA# B5016

Project # 31528091

Complete 4/3/25

Point Meadows

gas  
marker

Project Manager

Stu S

M/H will not fit

3 5 7 11

Parking Lot

6: Between last pipe & the parking lot curb

Black pipe	4 10 0	17 8 "	Boc
1/2 " irrigation pipe	10	11 8 "	Boc
Black Com line	2 0	11 Boc	
White 4" pipe	2 2 0	9 6 "	Boc
Two Fibers	2 4 0	4 2 "	Boc

1/2" irrigation pipe 10 ft 18" Boc  
Black Com line 2.0 11 Boc

white 4" pipe 2.2" O.D. 96" box

Fiber 2.4" 0 3.80c

## Heart Utilities of Jax

CA#

Project # 31528091

Stn 6 Manhole man W N  
S E

Fence

13' Between last pipe found and fence dug down 9' deep at top of hill down to 8' deep at bottom and found nothing. But there is a mark at the top of the hill that we never found anything!

2" Black pipe 5' 4" 0 36" 11" BOC

3" Pipe 3' 7" 0 32' 9" BOC

4" Gray Pipe 3' 6" 0 30' 5" BOC

White 3" Irrigation 1' 6" 0 30' BOC

Two Gray Pipes 3' 7" 0 26' 9" BOC

Water main 3' 7" 0 19' 8" BOC

Fiber 2' 0" 16' BOC

Heart Utilities of Jax  
Project as Built

CA#

B5016

Project #

31528091

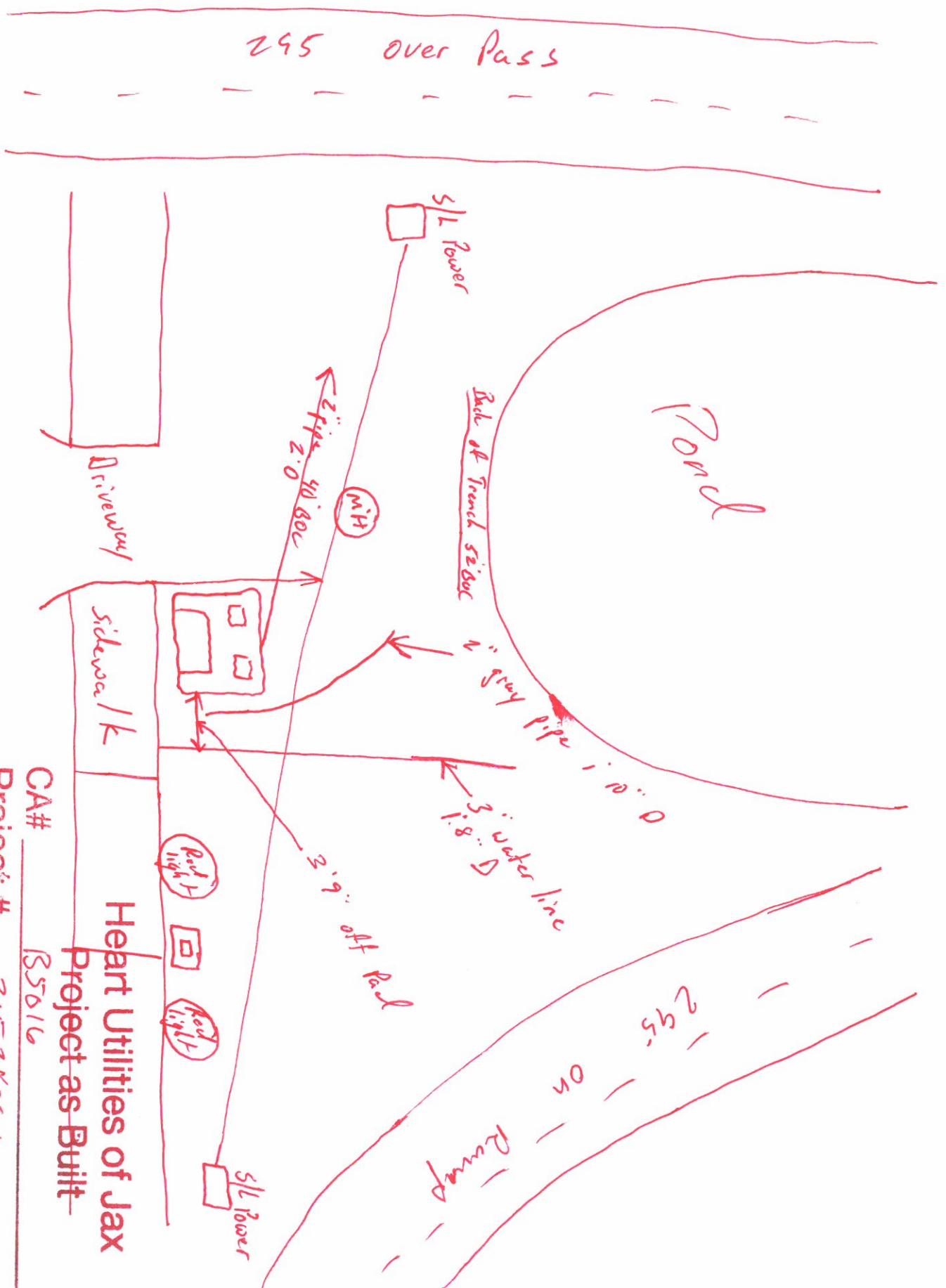
Complete

3 / 18 / 25

Gate plwyr

Project Manager

Star T



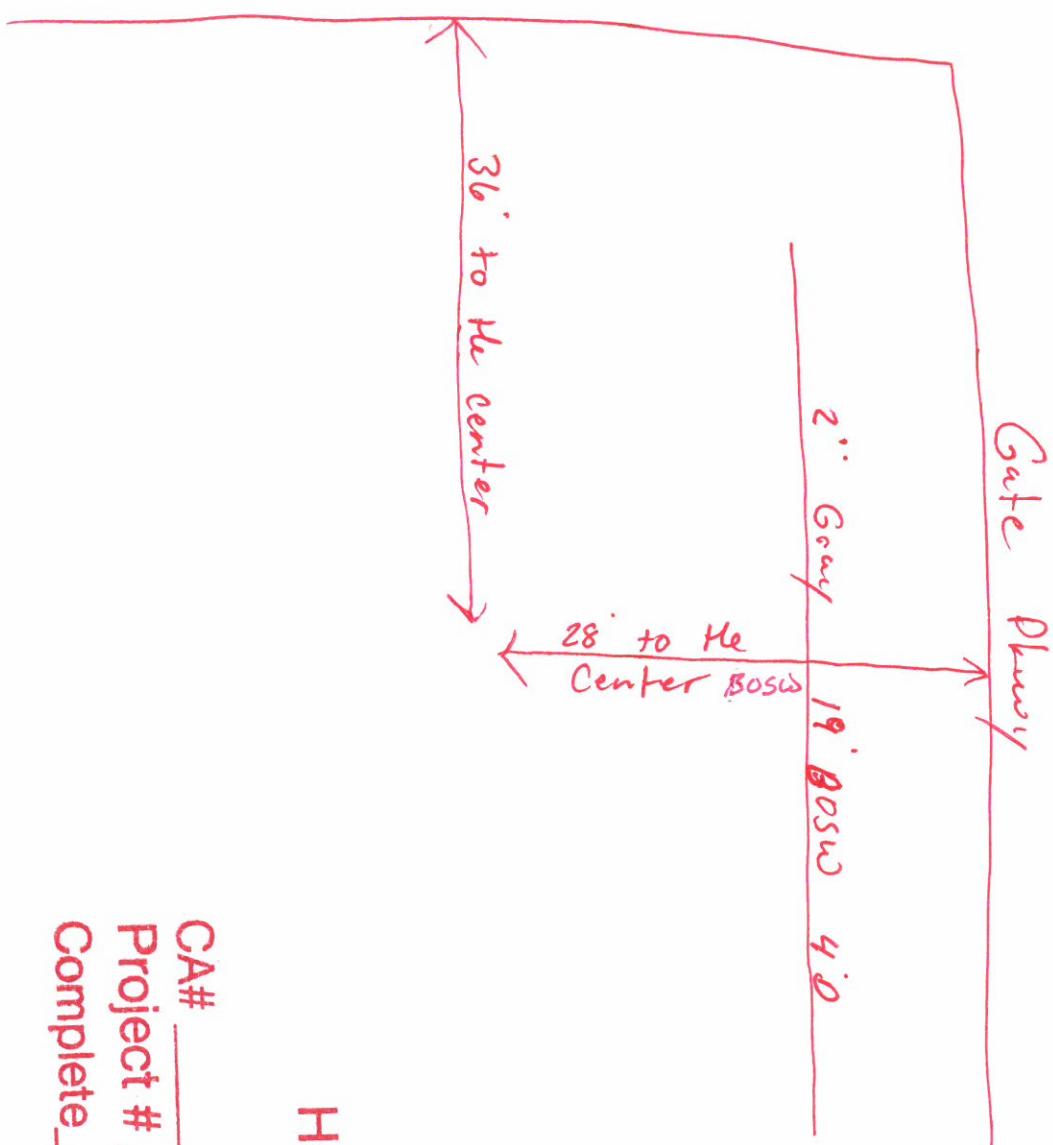
Heart Utilities of Jax  
Project as Built  
CA# 135616  
Project # 31528091  
Complete 3/18/25

Stu 8

Manhole will fit

W  
S  
E  
N

295

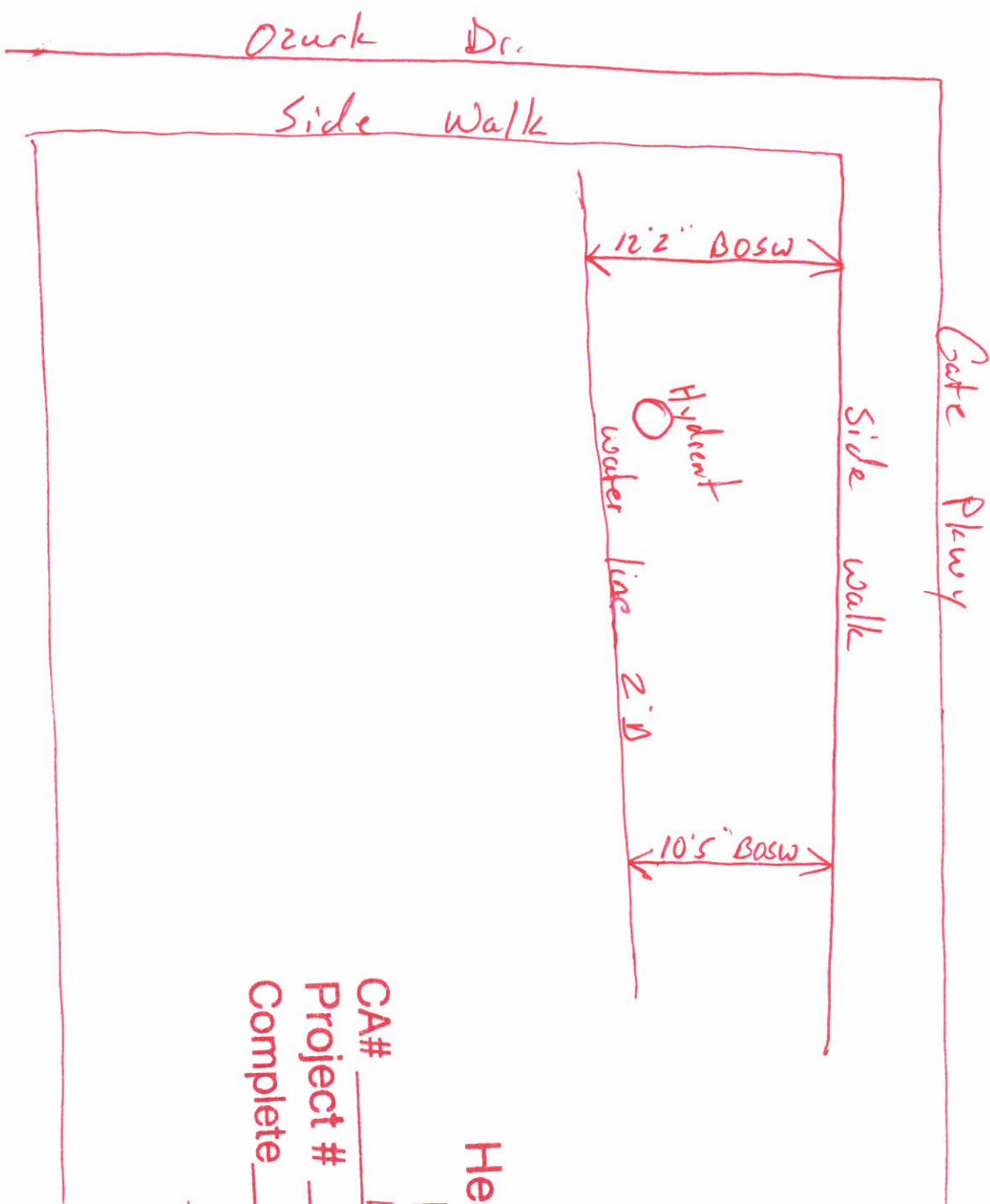


## Heart Utilities of Jax Project as Built

CA#	135016
Project #	31528091
Complete	3/18/25
Project Manager	

Stn 9 will F.R.

W  
S  
E  
N



### Heart Utilities of Jax

Project as Built

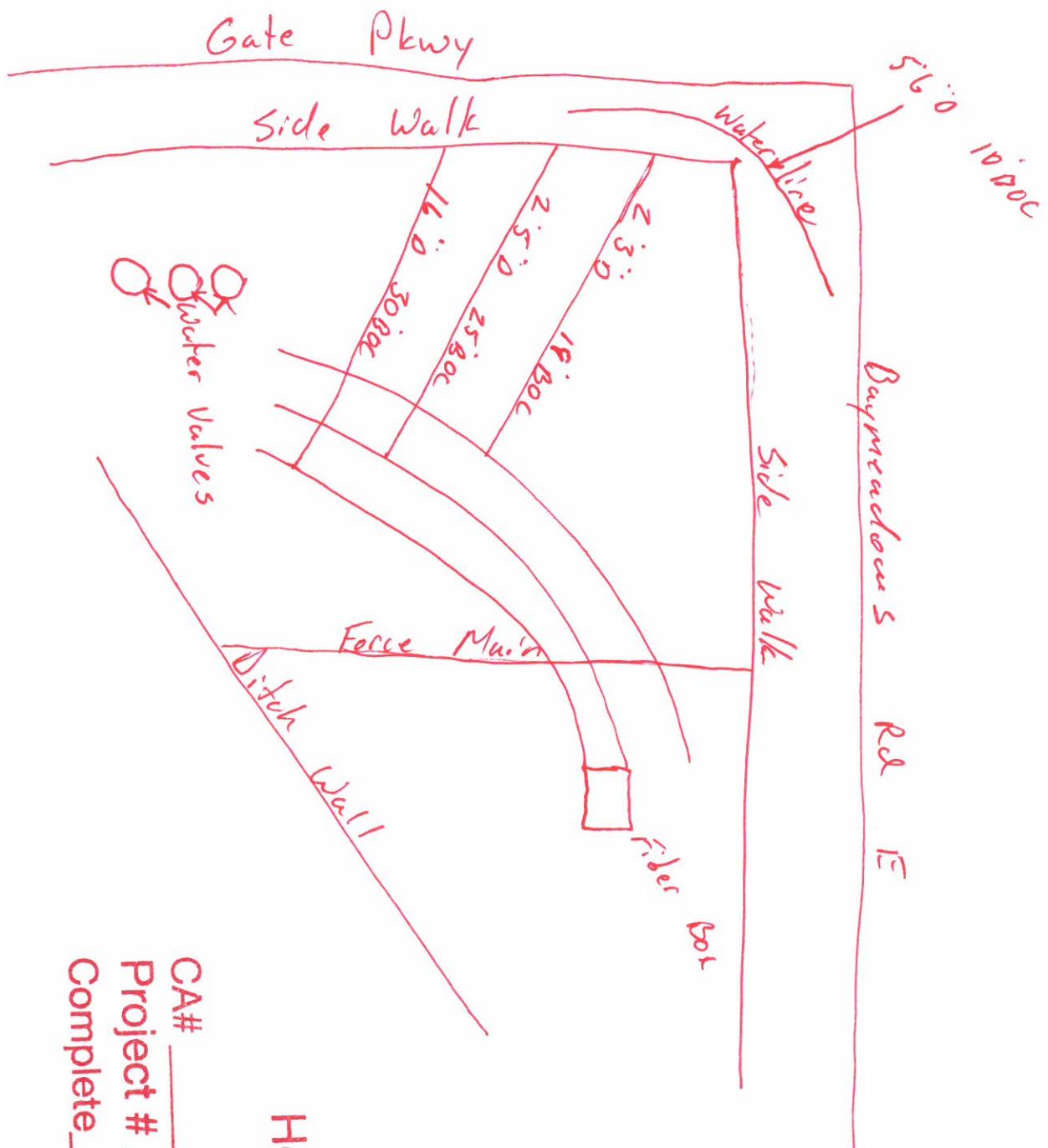
CA# B5016

Project # 31528091

Complete 3/18/25

John  
Project Manager

N  
E  
S  
W



Stn 10 Pit will fit  
MH will not fit

## Heart Utilities of Jax

Project as Built

CA# B5016

Project # 31528091

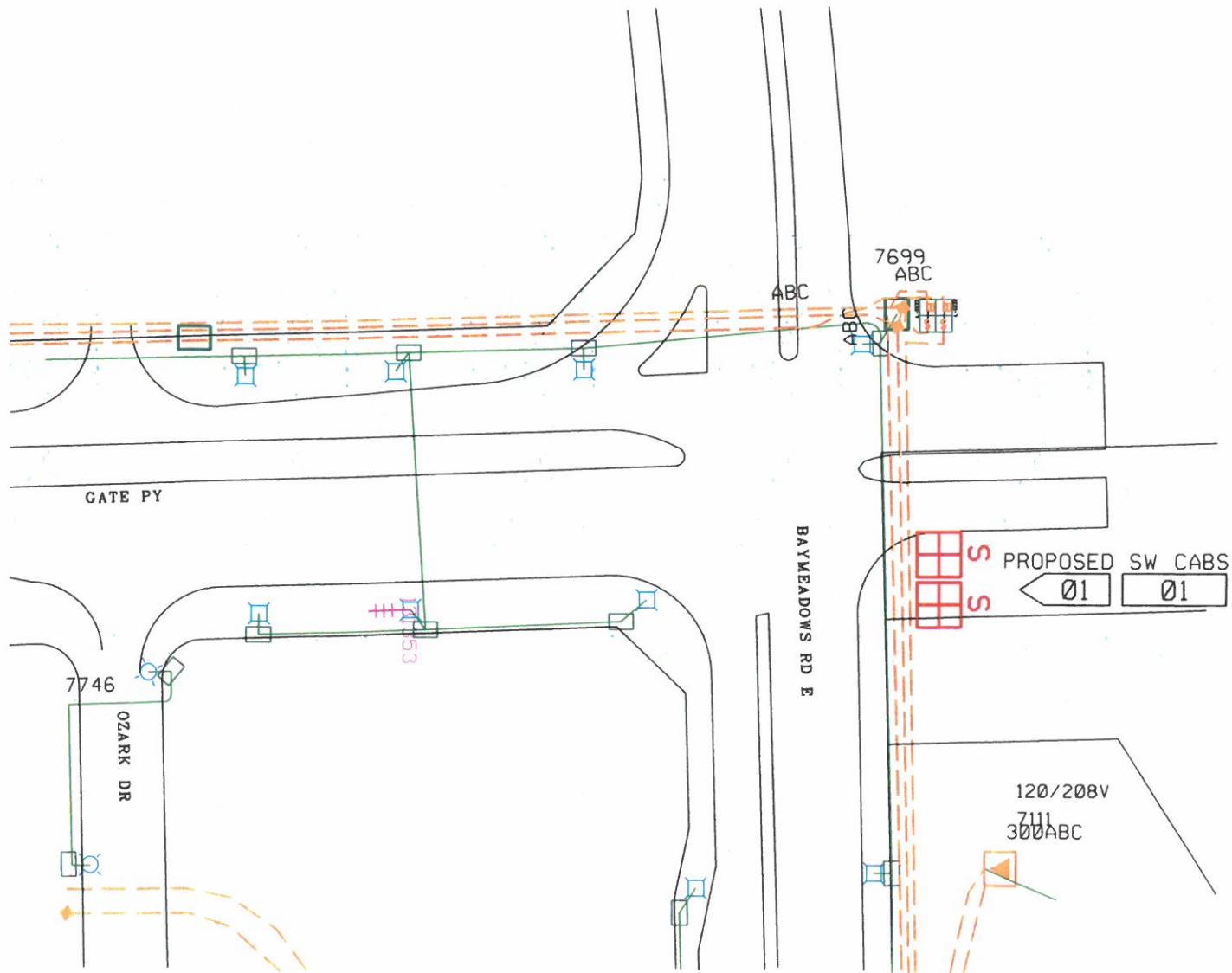
Complete 8/18/25

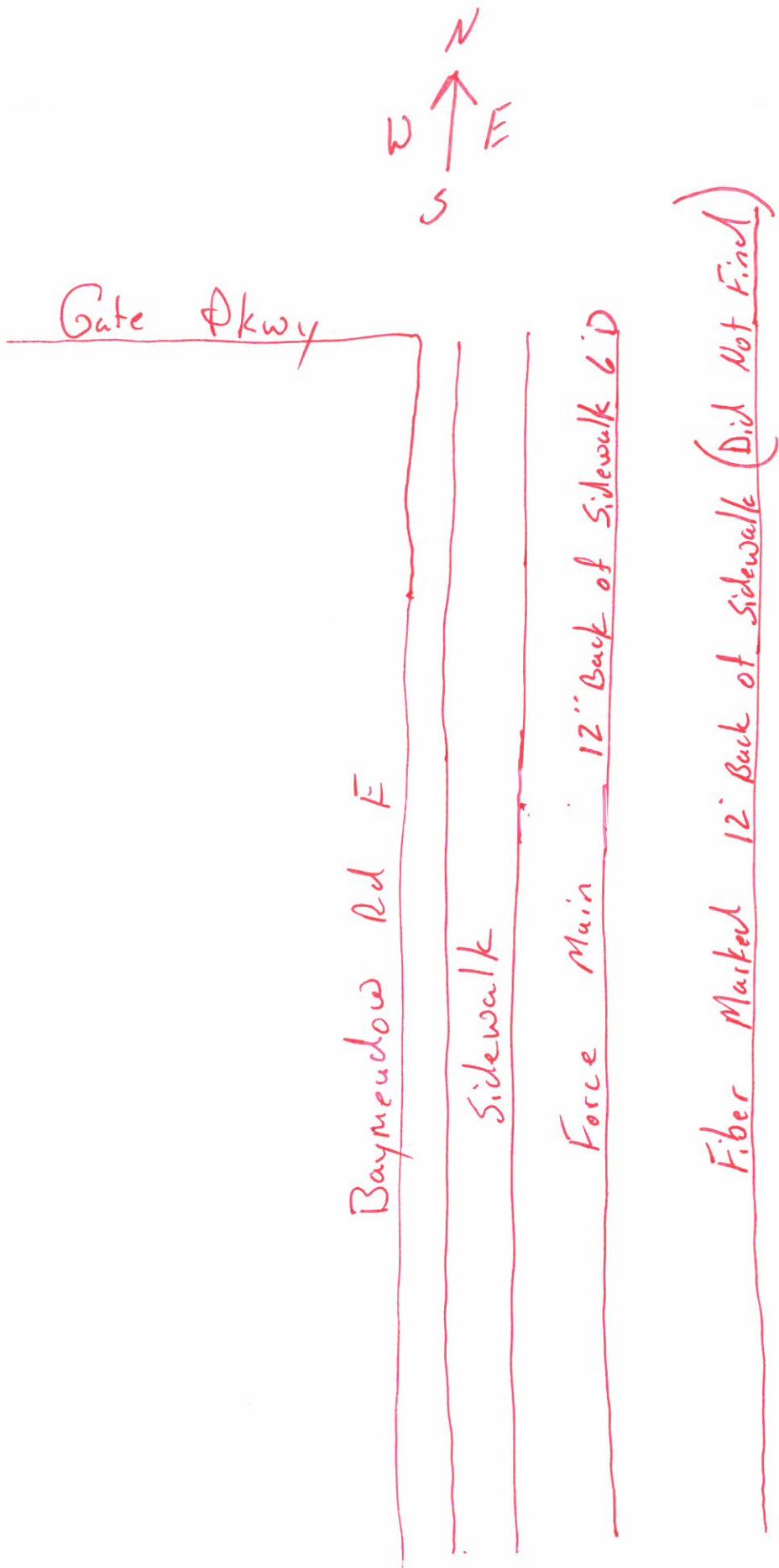
Project Manager

CUSTOMER/  
LOCATION GATE PY & BAYMEADOWS - EXPLORATORYSVC  
CENTER SSSCSUB-STA. POINTMEADOWSCIR. NO. 230/231 OPN: 8010121MWO: 31633043

**NOTES:**  
CONDUCT EXPLORATORY EXCAVATES AT STATION 01

See Attached  
sheet for As-built  
Drawing!





Fiber Marked 12" Back of Sidewalk (Did Not Find)

25: Back of Sidewalk is Clear

Heart Utilities of Jax

Project as Built

CA# B5047

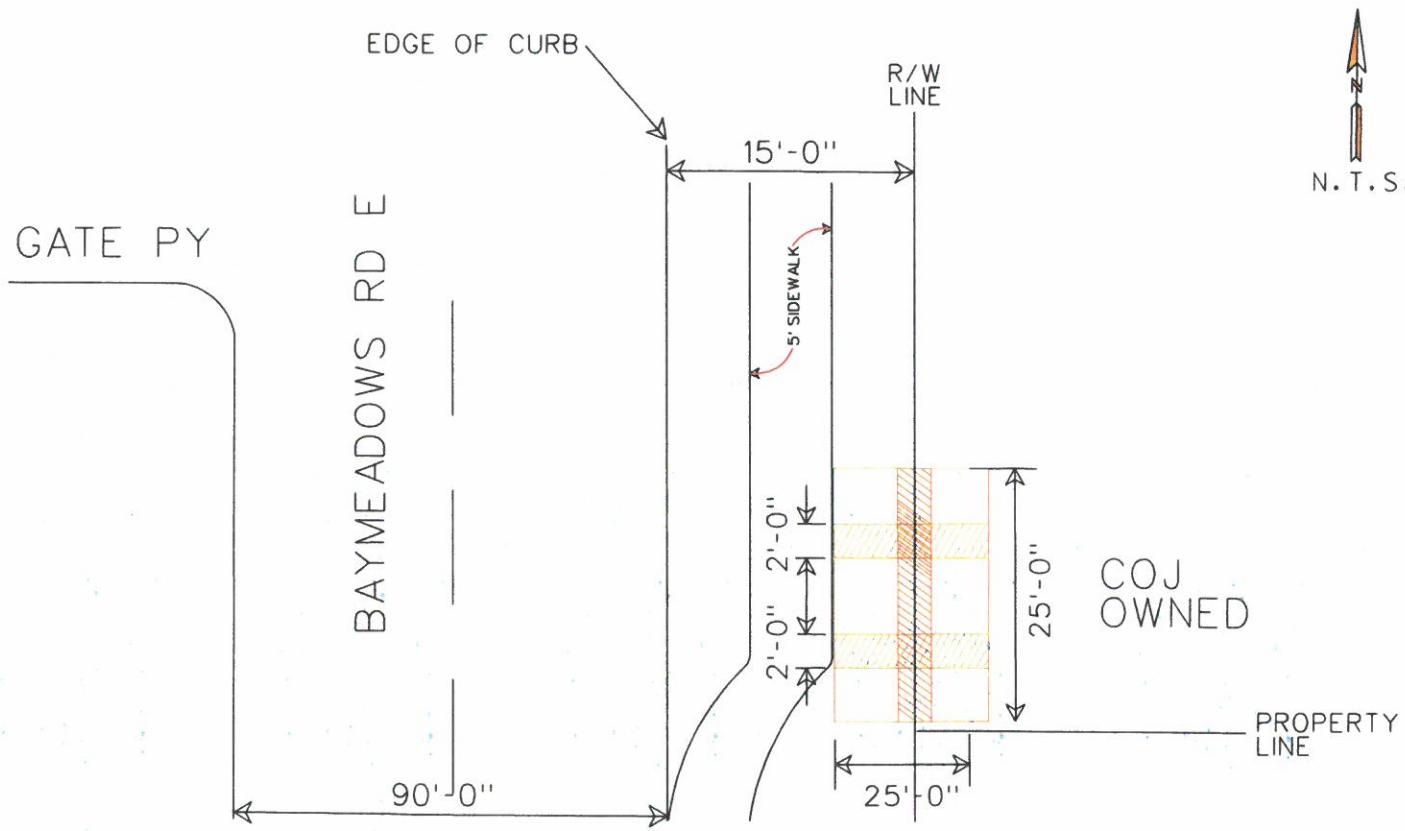
Project # 31633043

Complete 9/3/25

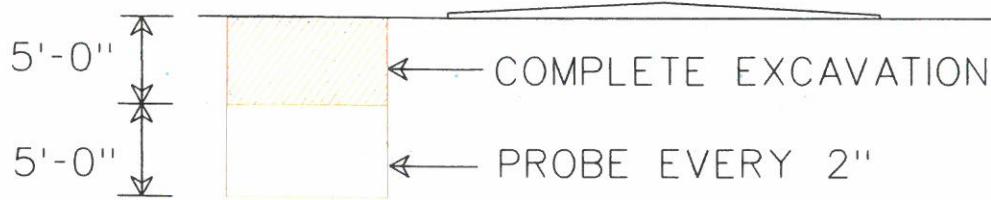
Marked

Project Manager

APPENDIX XXI  
TYPICAL EXPLORATORY EXCAVATION  
PAGE 1 OF 1



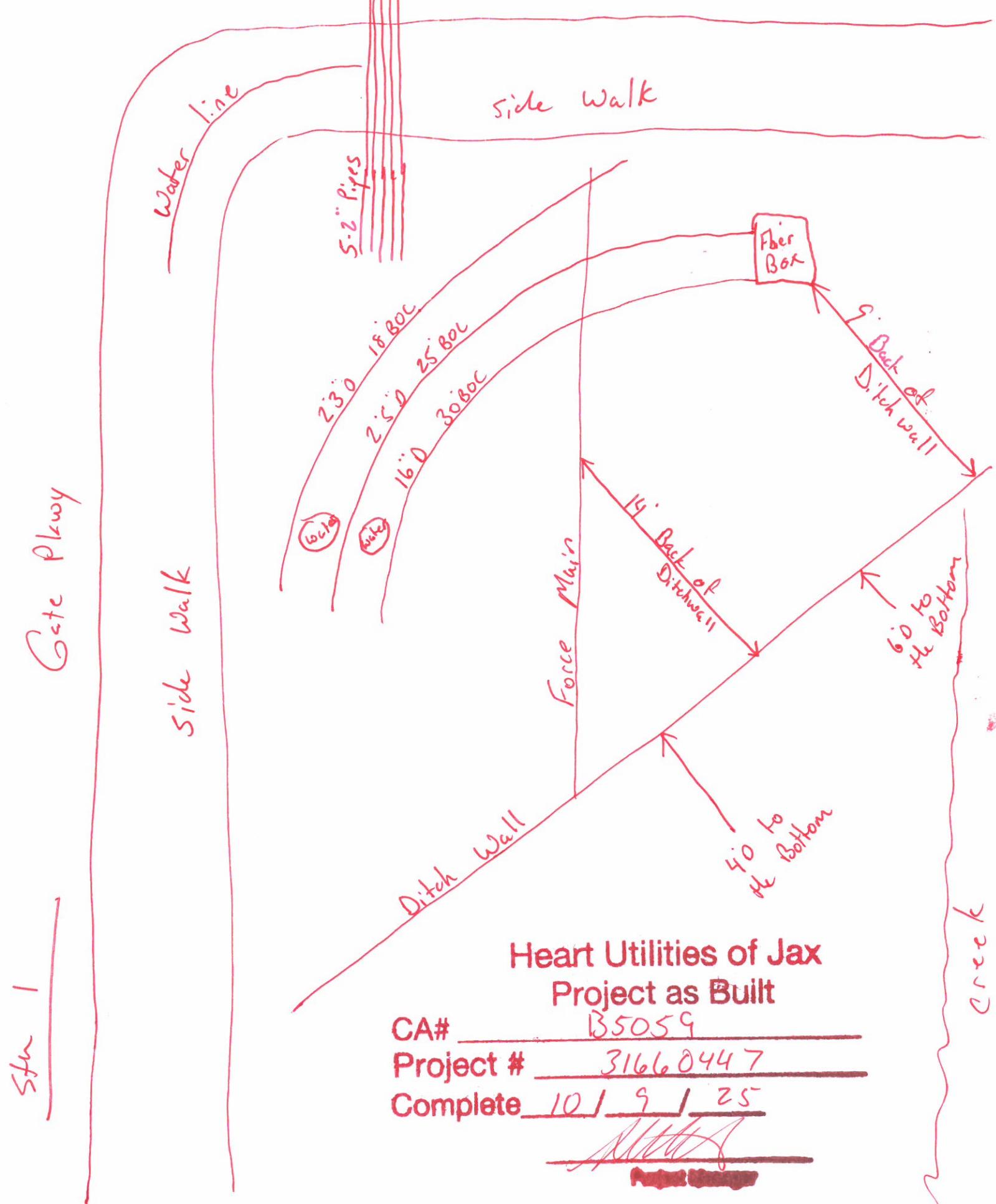
GRADE



PROFILE

WMS PLATE 'EXC-2', QTY 2

Baymeadows Rd E



CUSTOMER/  
LOCATION GATE PY & BAYMEADOWS - EXPLORATORY

SVC  
CENTER SSSC

SUB-STA. POINTMEADOWS

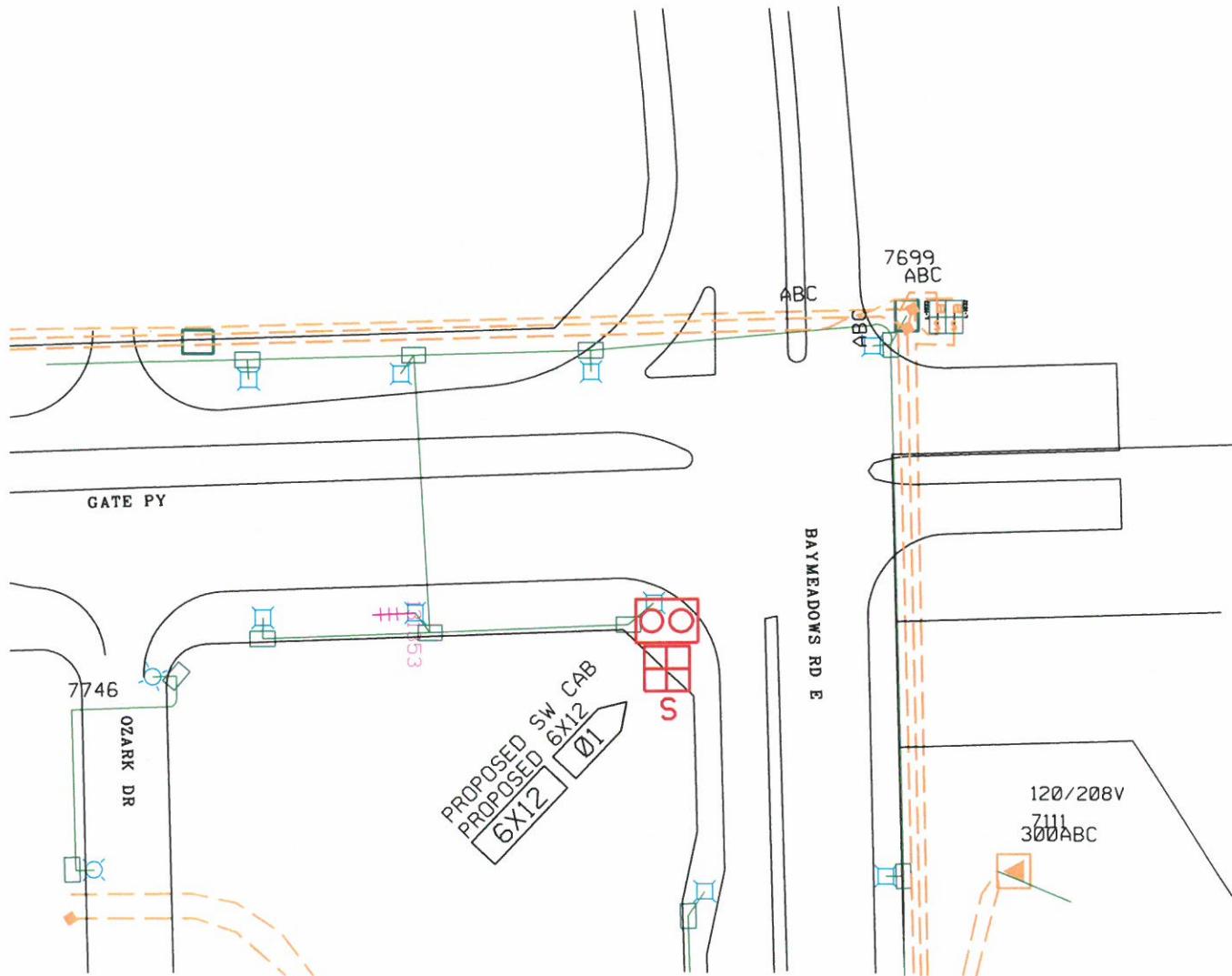
CIR. NO. 230/231

OPN: 8010121

MWO: 31660447

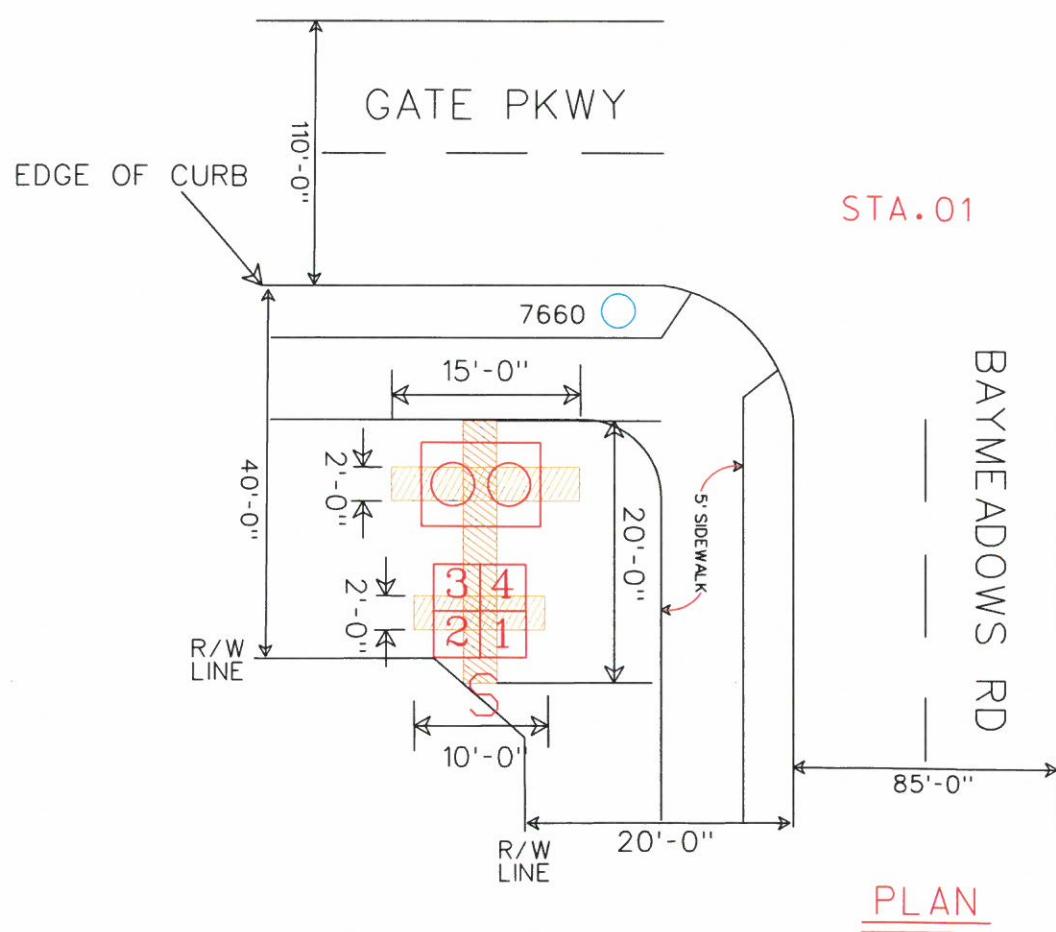
**NOTES:**  
CONDUCT EXPLORATORY EXCAVATES AT STATION 01

*See Attached*



ENGINEER: B.MCMAHAN PHONE NO. 625-5307 CELL NO:                    DATE REL CONST: 09/17/25  
CONST. COMPLETED BY                    DATE                    AS-BUILT RECEIVED

APPENDIX XXI  
TYPICAL EXPLORATORY EXCAVATION  
PAGE 1 OF 1



## GRADE

## PROFILE

WMS PLATE 'EXC-2', QTY 2