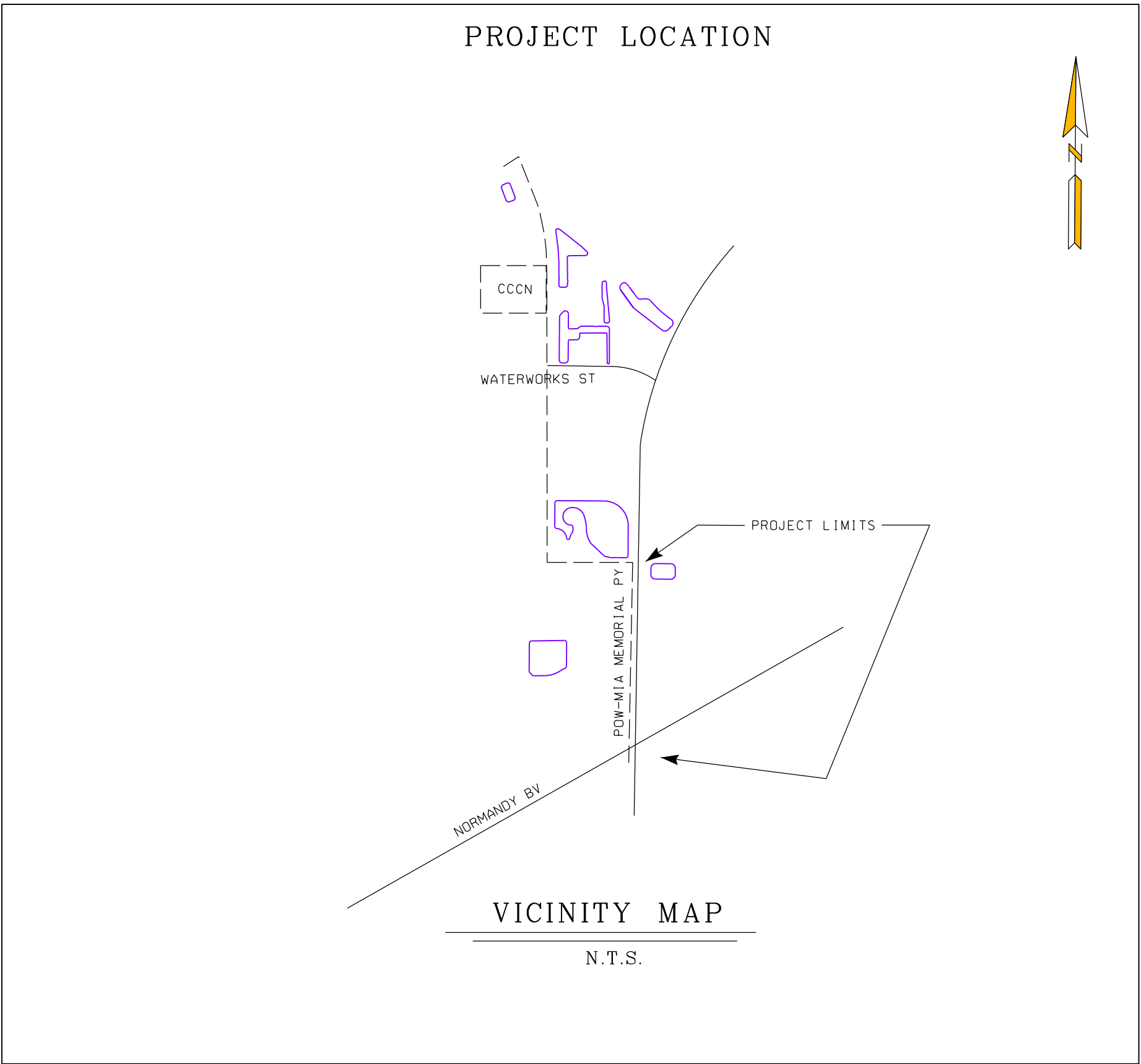


CONSTRUCTION DRAWINGS FOR



CECIL COMMERCE CENTER NORTH 26KV UNDERGROUND FEEDERS CKTS 372

U/G CONDUIT WO: 31315040

		 <p><i>BUILDING COMMUNITY</i></p> <p>225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139</p>	ENGINEER/PROJECT MANAGER	OPN : 8009354
			<p>ENGINEER : P. DELCAMBRE</p> <p>PHONE : (904) 665-7332</p> <p>CELL : (904) 404-6750</p> <p>EMAIL : DelcPW @jea.com</p> <p>WEBSITE : https://www.jea.com</p>	MWO : SEE ABOVE
				DRAWING NO. :
				SHEET NO. 01 OF 06
				GRAPHIC SCALE
				 <p>(IN FEET) 1 inch = 50 ft.</p>

NOTES:

1. FIELD CONTRACTOR SHALL PERFORM THE FOLLOWING WORK AT THE STATIONS AS INDICATED ON THE DRAWINGS PER "JEA PROCEDURES, STANDARDS AND SPECIFICATIONS".

2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL UTILITIES, OTHER STRUCTURES AND OBSTRUCTIONS BOTH ABOVE AND BELOW THE GROUND SURFACE BEFORE DIGGING IN THAT AREA. ALL DAMAGE RESULTING FROM THE CONTRACTORS FAILURE TO COMPLY WITH THIS REQUIREMENT SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

3. THE CONTRACTOR SHALL RESTORE ALL LANDSCAPING, DITCHES, SWALES, CULVERTS, HEADWALLS, STORM DRAIN INLETS, AND OTHER DRAINAGE FACILITIES REMOVED OR DISTURBED BY THE CONSTRUCTION OPERATION. THE COST OF THESE ITEMS SHALL BE INCLUDED IN THE UNIT PRICE.

4. ALL RESTORATION WORK IN DUVAL COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH THE LATEST DUVAL COUNTY STANDARDS.

5. FIELD CONTRACTOR SHALL INCLUDE IN HIS UNIT PRICE ALL TIME AND MATERIAL FOR EXISTING SITE CONDITIONS AND TEMP WORK ASSOCIATED WITH OVERHEAD AND UNDERGROUND CONSTRUCTION WORK.

6. FIELD VERIFY TRANSFORMER SIZES BEFORE LOADING NEW ONES AT THE SERVICE CENTER. EXISTING ADDRESS MATERIAL IN GOOD SHAPE AND TO CURRENT JEA'S STANDARDS SHALL BE REUSED.

7. ONCE POLES ARE PEGGED AND UTILITIES LOCATED, THE JEA CREWS ARE REQUIRED TO HAND DIG A PILOT HOLE 4 FEET DEEP AT ALL EQUIPMENT LOCATIONS BEFORE BEGINNING INSTALLATION. THE JEA CREWS SHALL DETERMINE IF CONFLICTS EXIST WHICH WOULD PREVENT SETTING THE EQUIPMENT AS DESIGNED.

8. CONTRACTOR SHALL INCLUDE IN HIS UNIT PRICE TIME AND MATERIAL TO RELOCATE / ENERGIZE ALL PRIMARY/SECONDARY DEVICES, AND THE SPLICING OF ALL PRIMARY / SECONDARY CONDUCTORS / CABLES.

9. CONTRACTOR SHALL MAINTAIN THE EXISTING PHASE ROTATIONS ON ALL TRANSFORMERS AND SWITCH CABINETS

10. CONTRACTOR TO PATCH AND REPAIR CONCRETE AND ASPHALT SURFACES AS REQUIRED PER DUVAL COUNTY LAND DEVELOPMENT CODE AND ADA STANDARDS

11. THESE PLANS DO NOT STAND BY THEMSELVES. OH AND UG ELECTRIC DISTRIBUTION CONSTRUCTION STANDARDS, DETAILS, MATERIALS MANUALS, AND ANY OTHER STANDARDS LISTED OR REFERENCED, ARE INCLUDED IN THE PROJECT DOCUMENTS

12. IF ANY TREE REMOVAL IS REQUIRED, PLEASE CONTACT JEA FORESTRY IMMEDIATELY FOR A FIELD REVIEW

13. NO OPEN CUTS ARE ALLOWED ON PAVED DUVAL COUNTY ROADWAYS

14. CONTRACTOR TO USE APPROPRIATE MOT TCP AS REQUIRED WHEN WORKING IN OR NEAR ROADWAY

15. CONTRACTOR TO USE APPROPRIATE "TEMPORARY EROSION AND SEDIMENT CONTROL PLANS" AS REQUIRED WHEN WORKING NEAR DRAINS, DITCHES, CULVERTS, INLETS, SWALES, ETC.

16. CONTRACTOR TO MAINTAIN MINIMUM OF 42 " OF COVER OVER ALL UNDERGROUND FACILITIES

SCOPE OF WORK:

PROJECT DESCRIPTION:

SINCE JEA INSTALLED THE NEW 50 MVA T2 AT THE CCC NORTH SUBSTATION, JEA OPERATIONS HAS BEEN USING THE SPARE 372 CIRCUIT BREAKER, THE 26KV TRANSFER BUS, AND THE 378 FEEDER CONDUCTOR (NOT THE 378 BREAKER) TO SERVE MOST OF THE CECIL 389 OH CIRCUIT WITH EXTENDS WEST AND EAST ALONG NORMANDY BV @ POW-MIA PY. THE CCCN T1 SERVES TWO CIRCUITS, 377 AND 378, WHICH WERE CONSTRUCTED MOSTLY UG TO PROVIDE HIGH RELIABILITY AND EXCELLENT POWER QUALITY.

JEA OPERATIONS HAS DECIDED TO MAKE THIS CHANGE PERMANENT. IN ORDER TO FREE UP THE 26KV TRANSFER BUS AND MAINTAIN THE EXISTING UG 378 BREAKER AND FEEDER, A NEW 372 DISTRIBUTION FEEDER WILL BE EXTENDED FROM THE EXISTING 371 SPARE BREAKER TO THE SOUTH SIDE OF NORMANDY BV. AN ADDITIONAL BENEFIT FOR THIS PROJECT IS THAT EXISTING OH 26KV PRIMARY CONDUCTORS WILL BE REMOVED OFF THE MOSTLY UG 377 CIRCUIT AND ONTO THE NEW 372 CIRCUIT.

PLEASE SEE CIRCUIT LAYOUT BELOW:

CIRCUIT 372:

FROM THE T2 TRANSFORMER, INSTALL 1000 AL IN THE MANHOLE AND CONDUIT SYSTEM. CONNECT TO EXISTING OVERHEAD LINE AT POLE # 31-08. 1/0T FROM SWITCH CABINET J WILL BE REMOVE TO RISER 13761 WATER WORKS ST.

INSTALL 1000 AL IN THE MANHOLE AND CONDUIT SYSTEM ALONG POW-MIA MEMORIAL PY.
FROM RISER SWITCH H-5279 CONNECT TO RISER SWITCH H-5277.

HOOK SWITCH H-5279 WILL BE NORMAL CLOSED.

HOOK SWITCH H-5277 WILL BE NORMAL CLOSED.

COND. CONSTRUCTION NOTES:

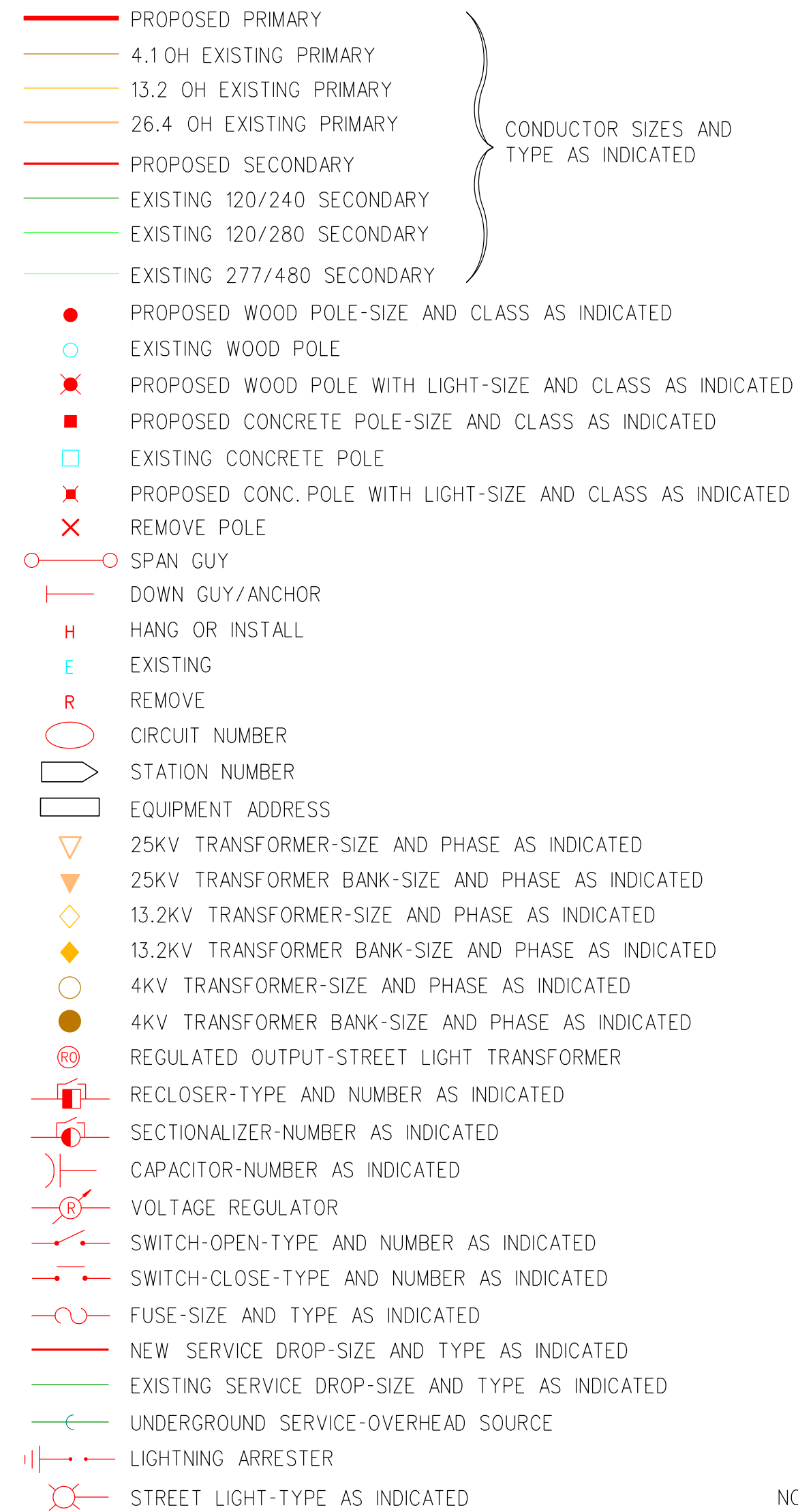
1. INSTALL 90 DEG ELS AT STA 001 & STA 012

2. INSTALL TEN (10) 6'X12 AT STA 002-011

3. DIRECTIONAL BORE/ TRENCH 6-6" & 2-4" CONDUITS FROM
STA 002 TO STA 011

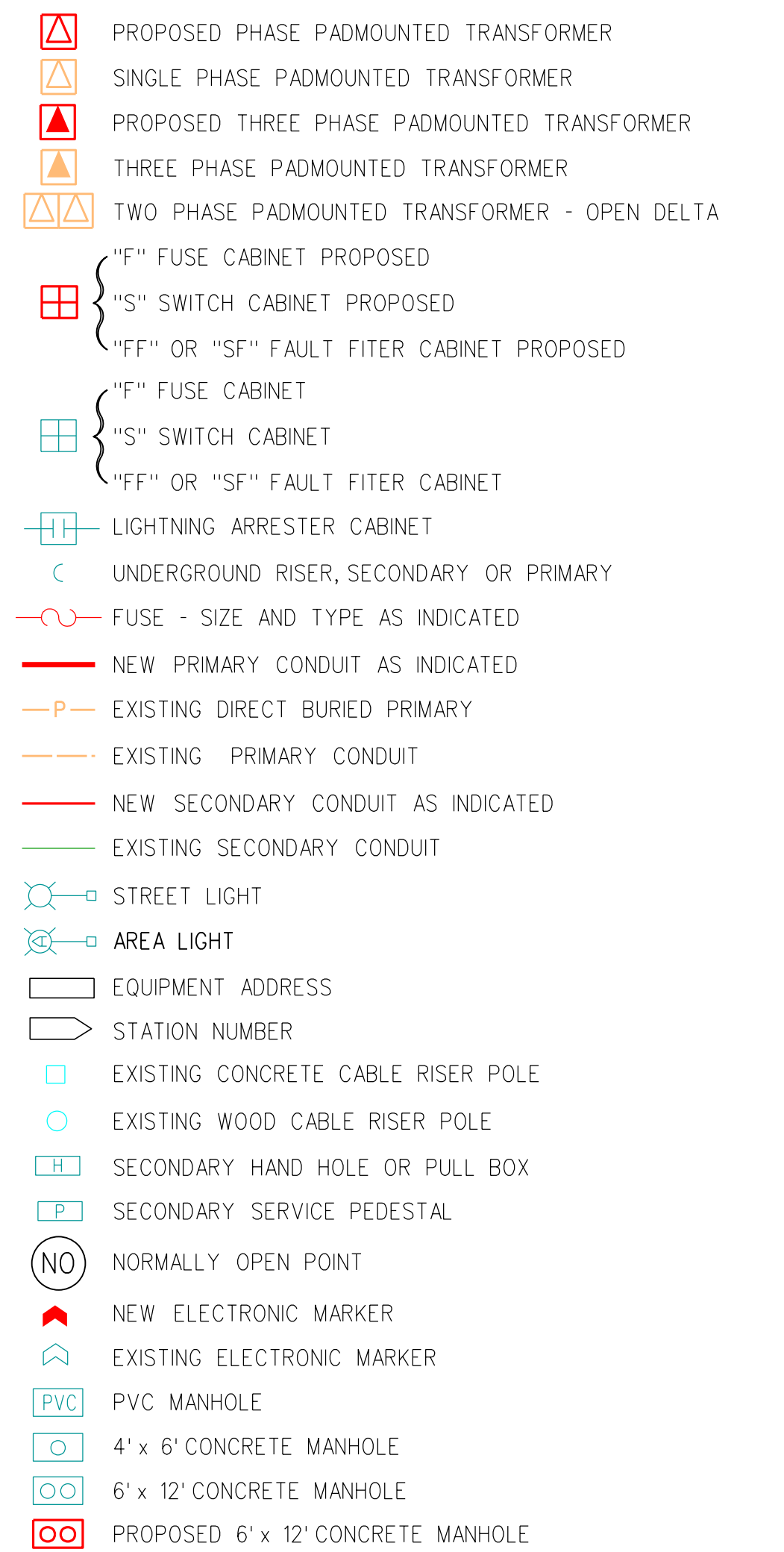
4. DIRECTIONAL BORE/ TRENCH 2-6" CONDUITS FROM STA 001 TO STA 002 & FROM STA 011 TO STA 01

OVERHEAD LEGEND




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

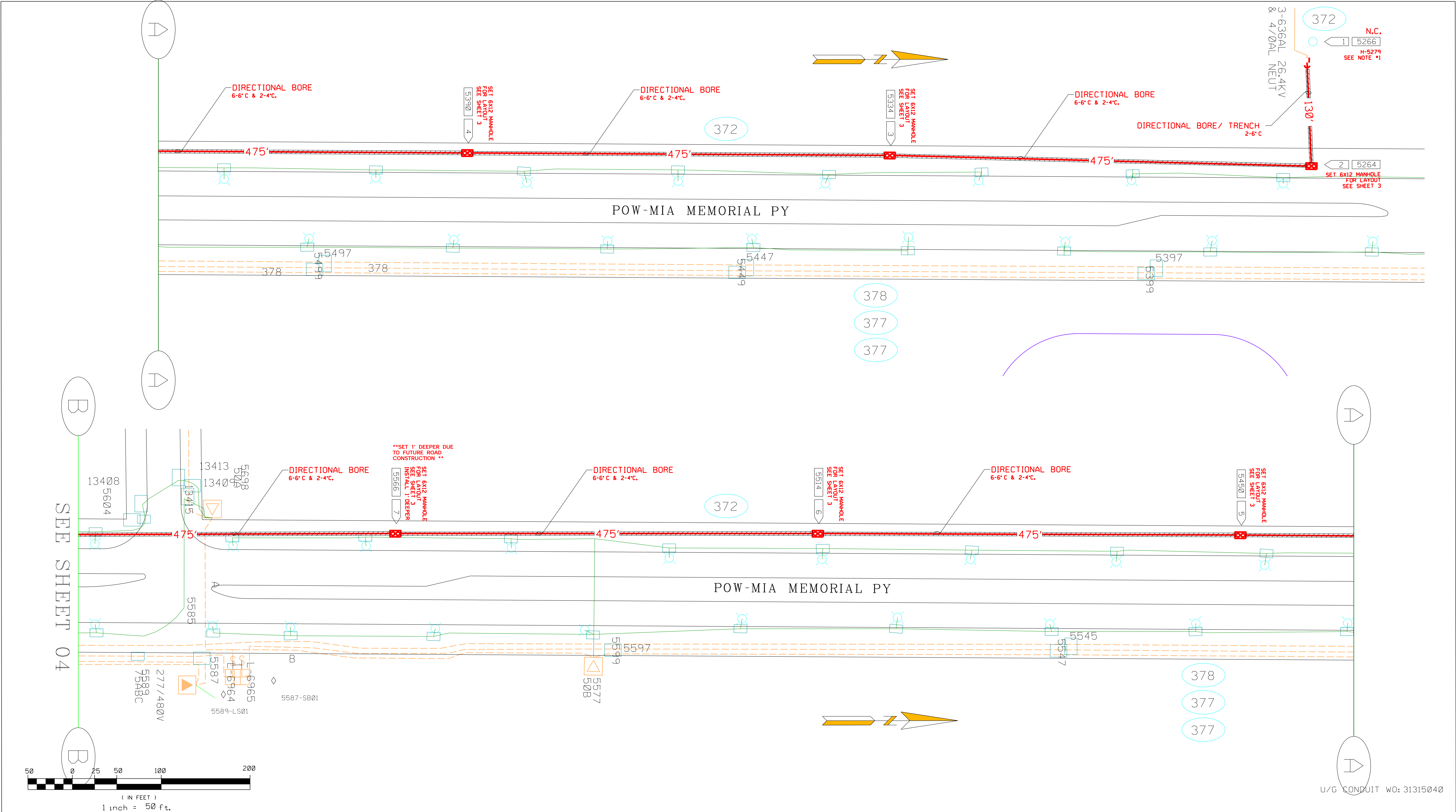
UNDERGROUND LEGEND




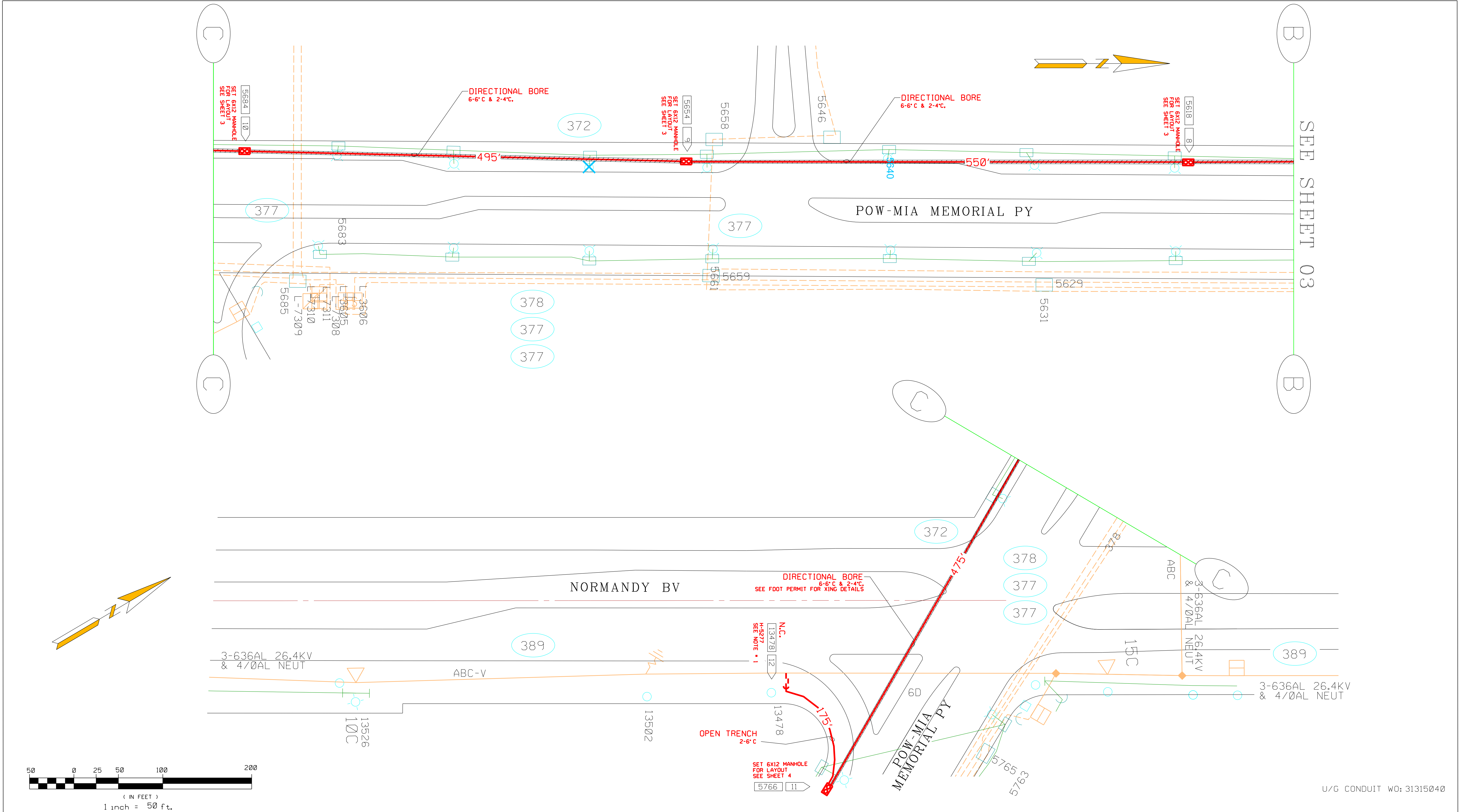
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U/G CONDUIT WO: 31315040

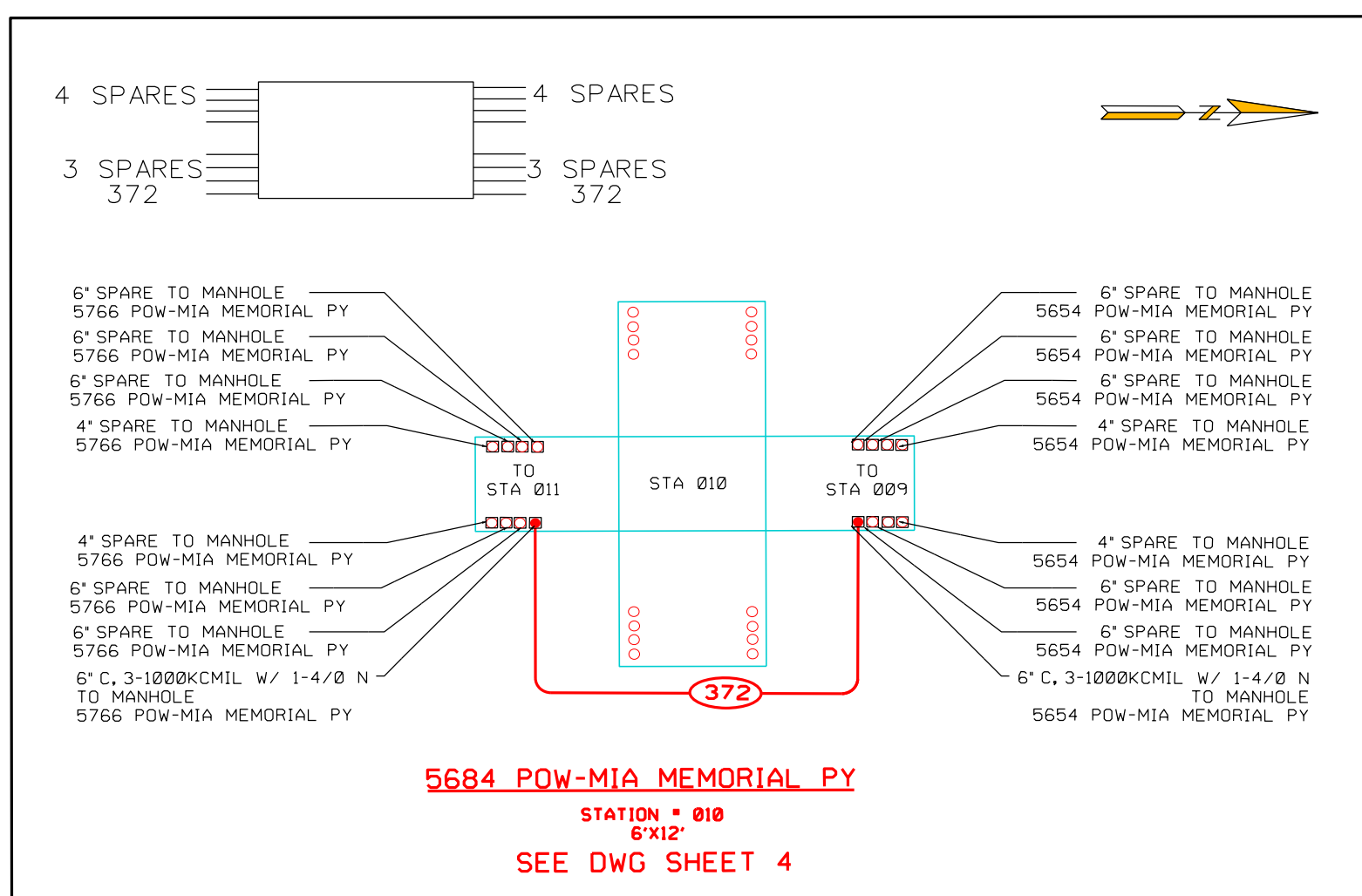
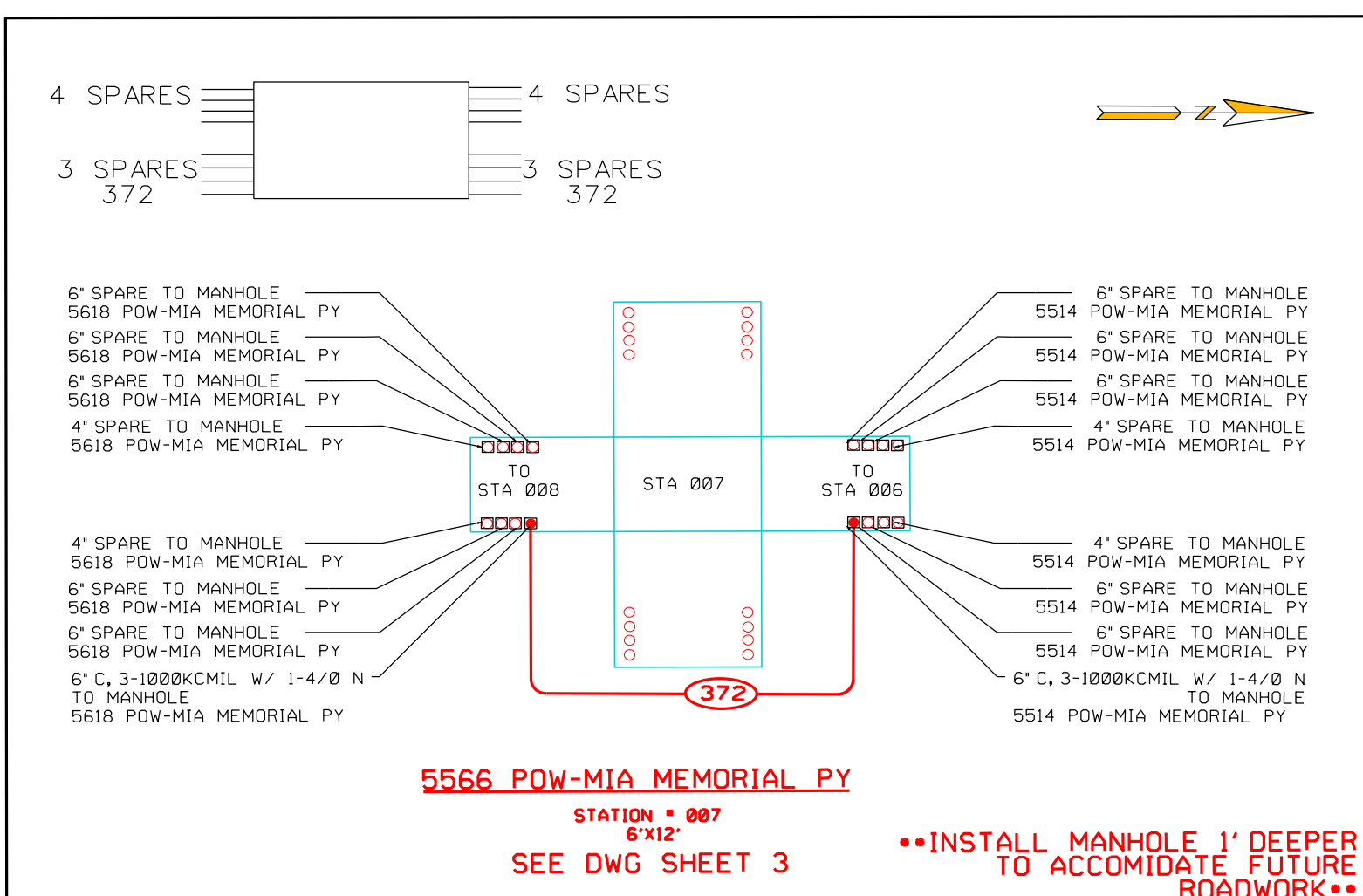
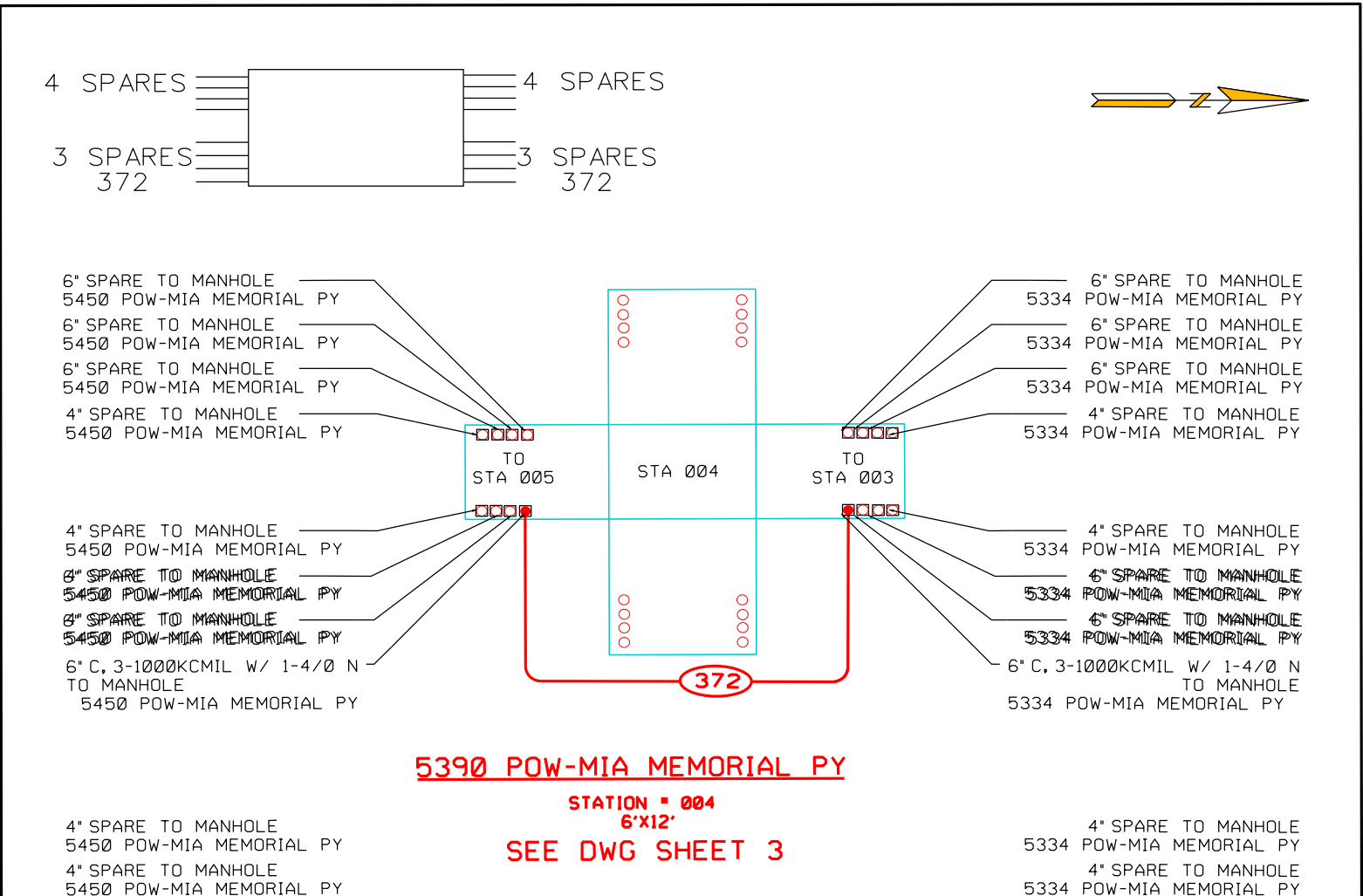
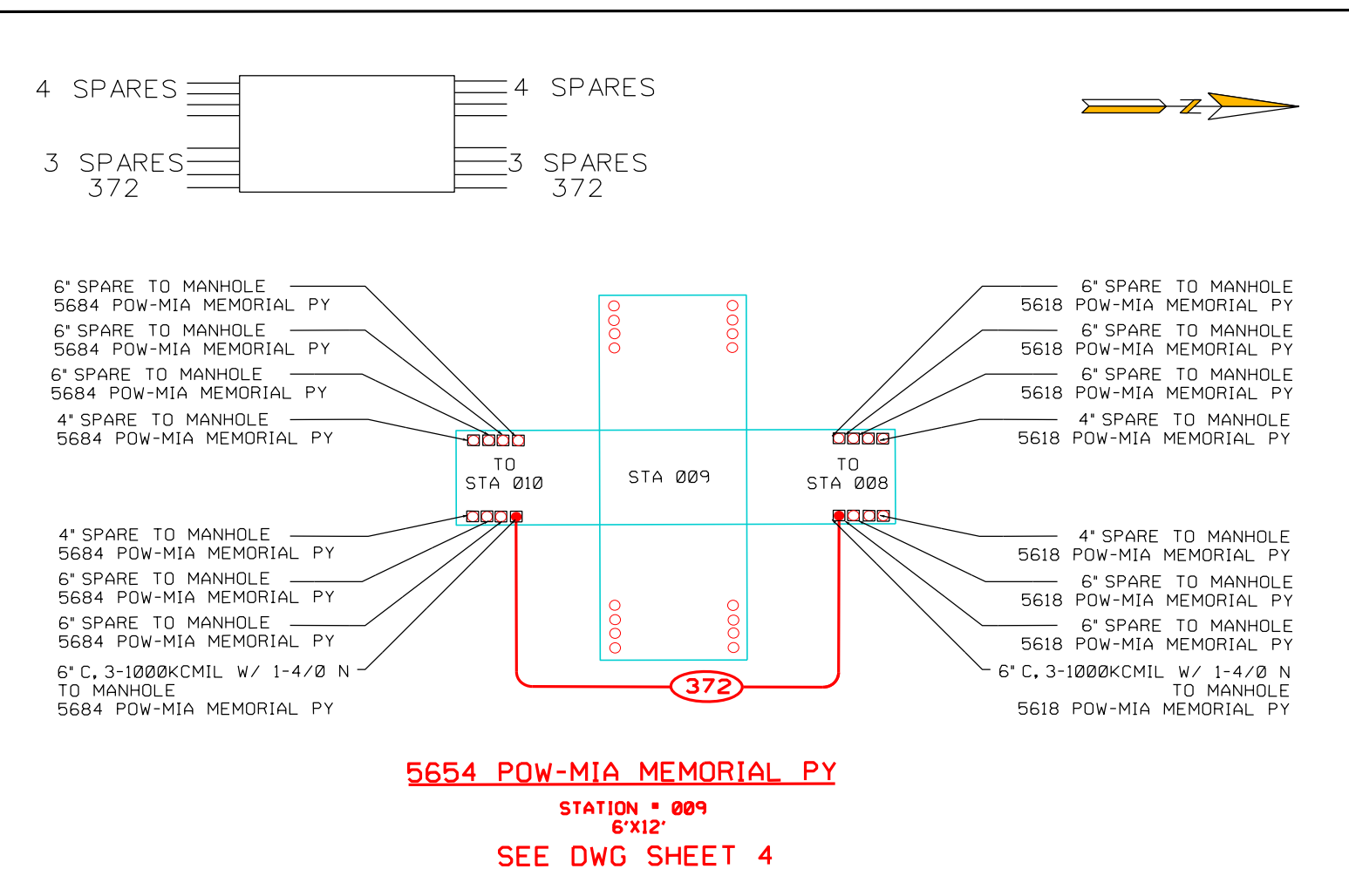
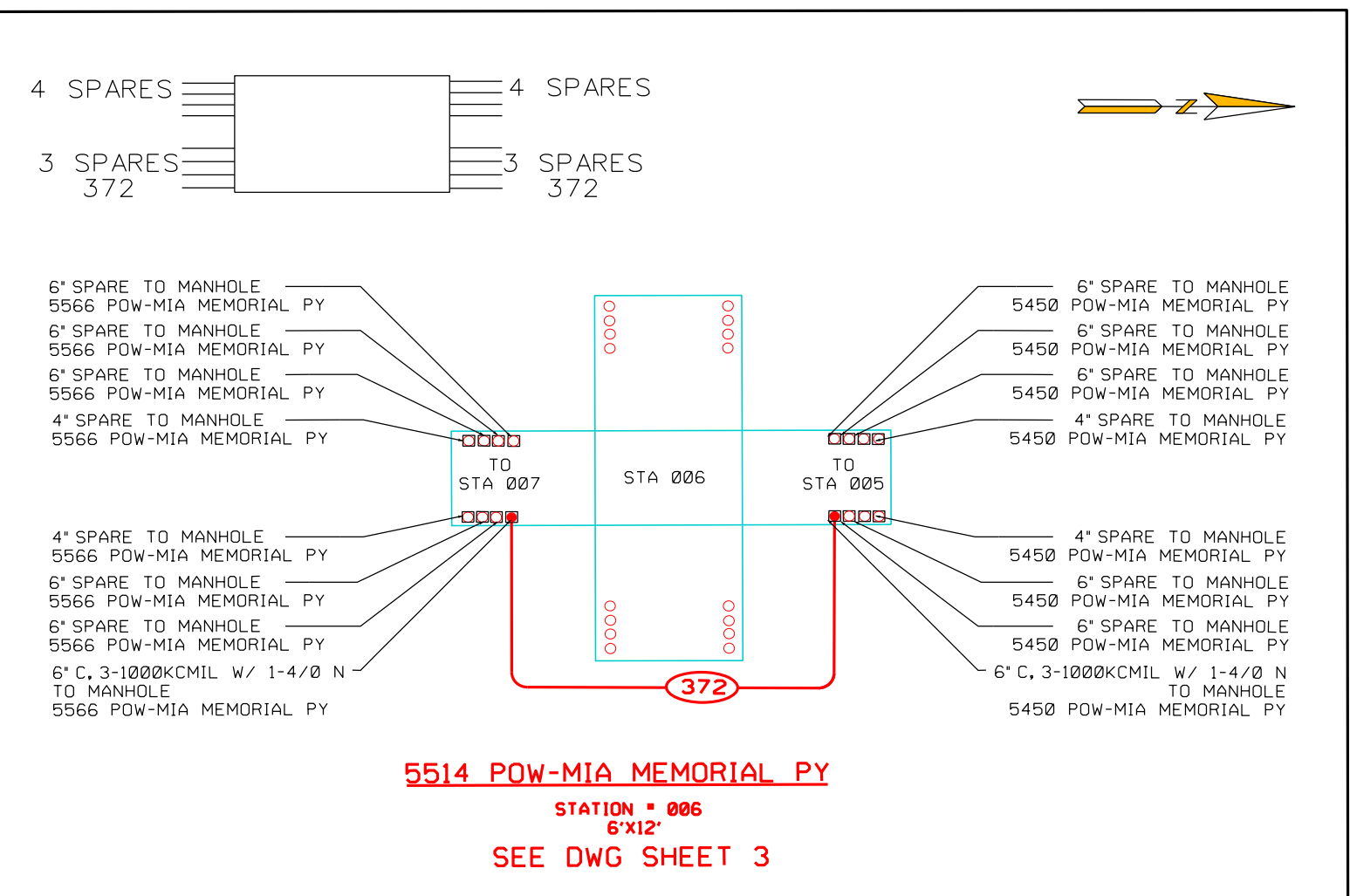
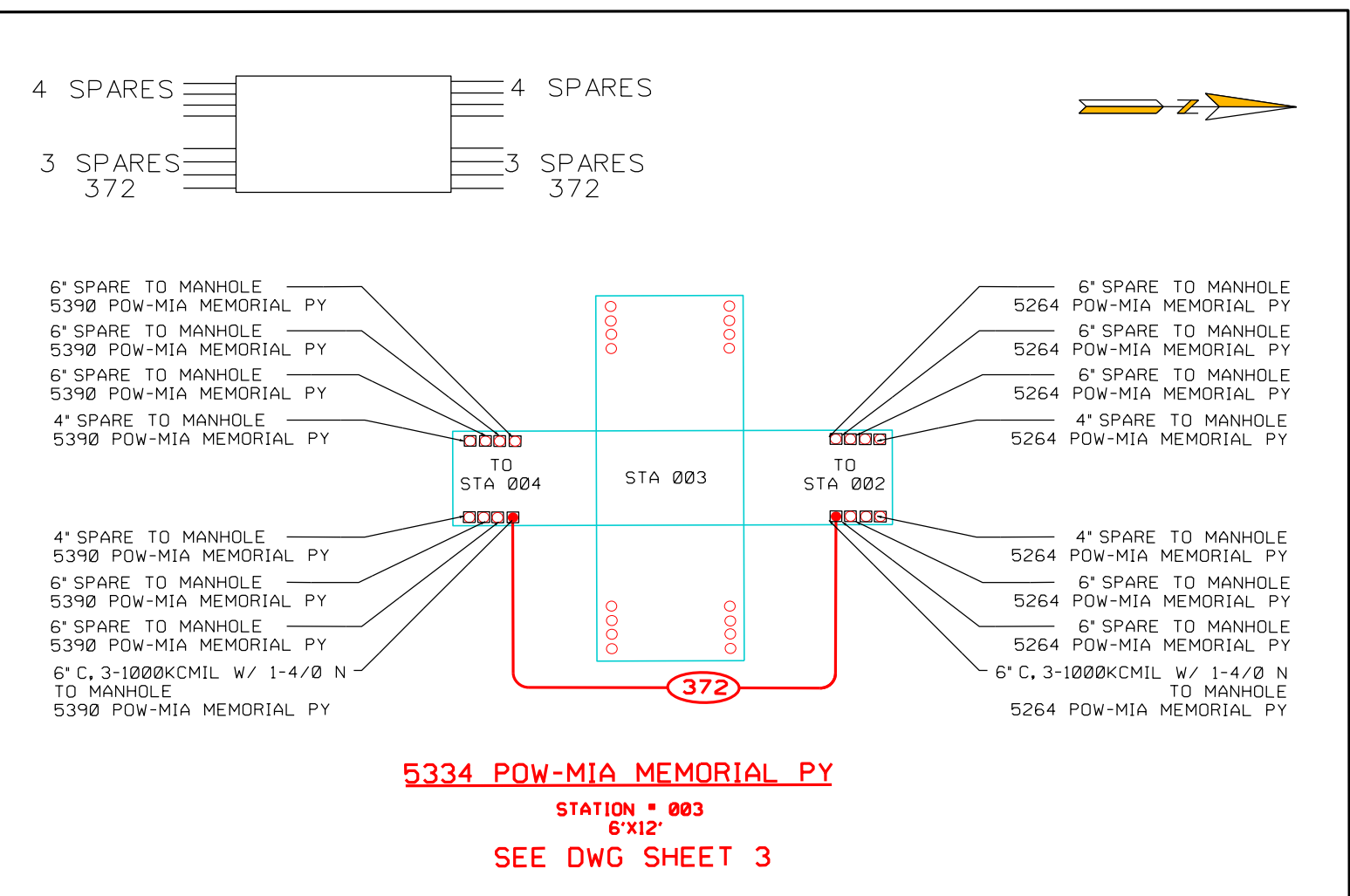
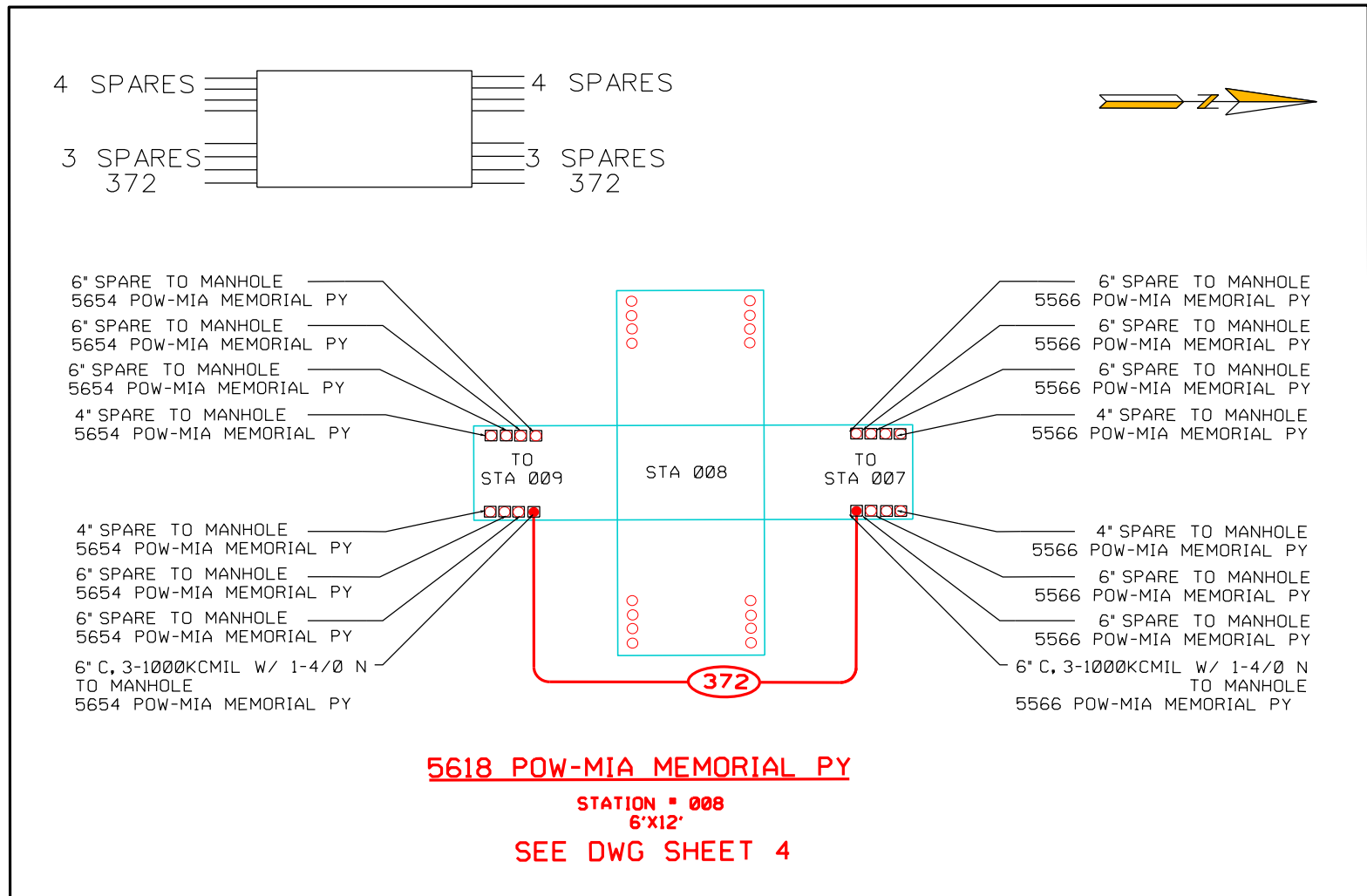
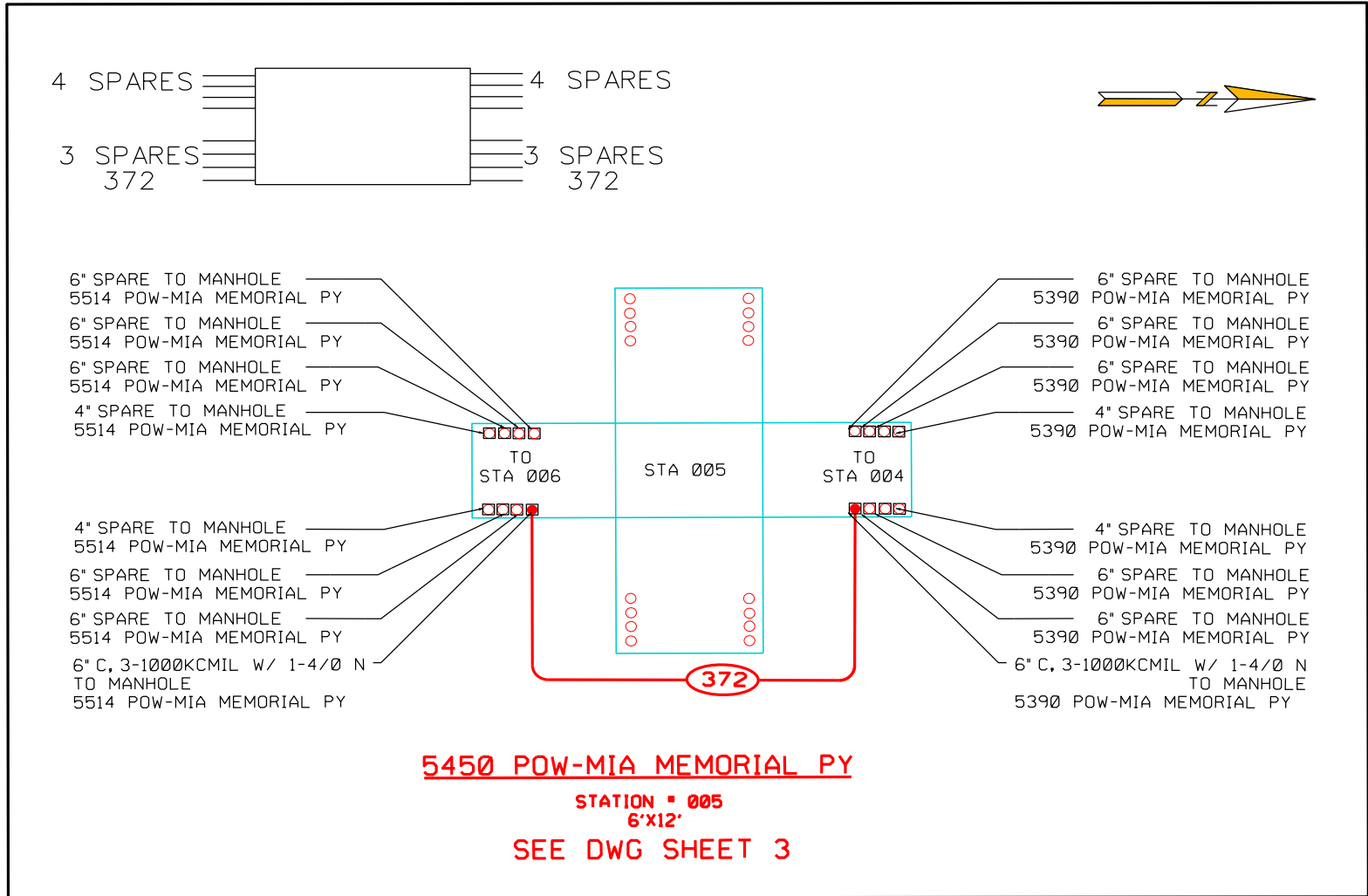
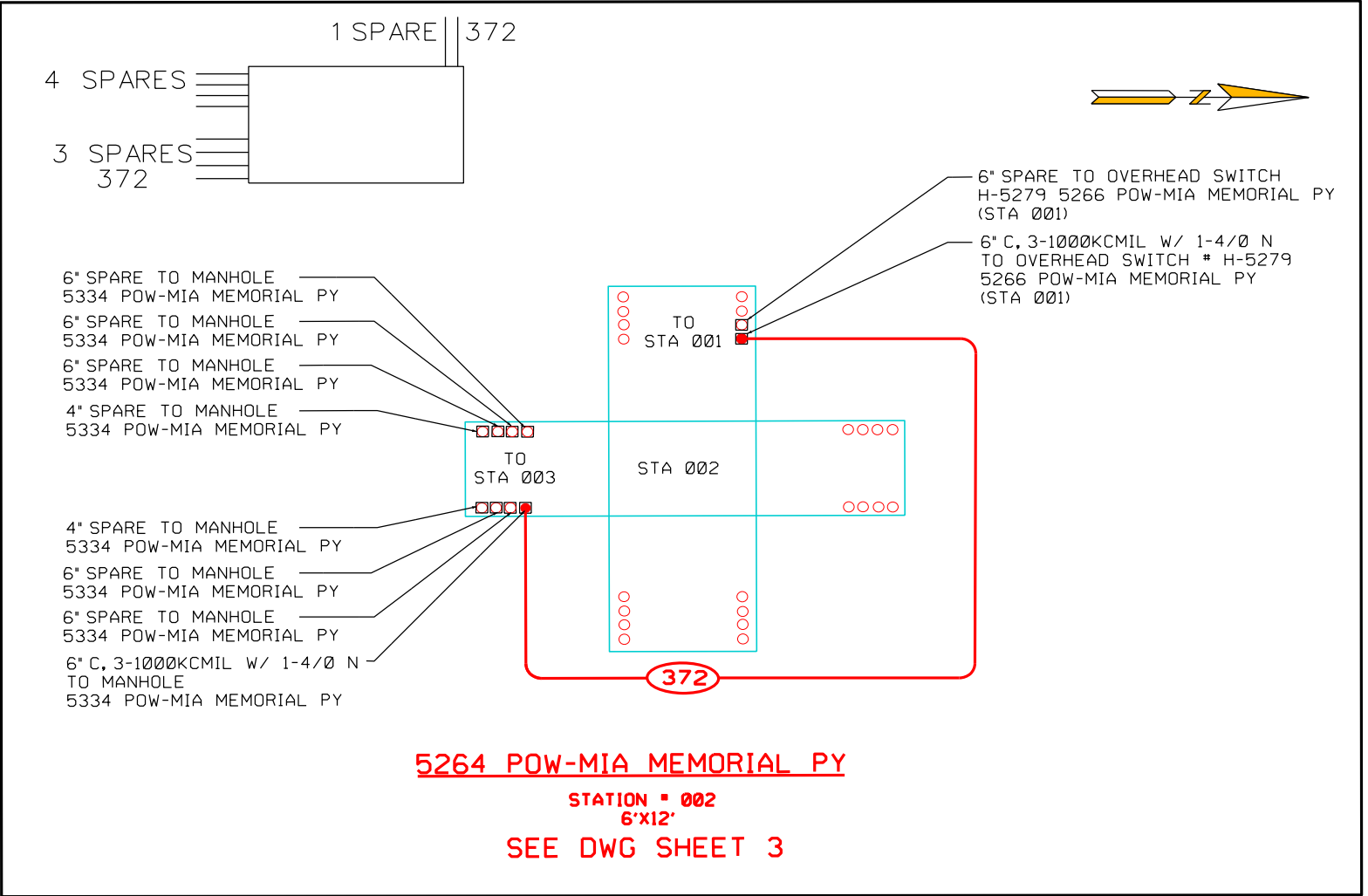
SUBSTATION/CIRCUIT		ENGINEER/PROJECT MANAGER		<div>AS - BUILT</div> <div>ELECTRIC UTILITY CONDUIT SYSTEM</div>		ENGINEERING RECORD		<div>  </div>		DRAWING NO. :	
SUBSTATION NAME CECIL COMMERCE CENTER NORTH		ENGINEER : P. DELCAMBRE		DATE _____ COMPANY NAME _____ ADDRESS _____ PHONE NO. _____ I, HEARBY 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. _____ JEA CONTRACT ADMIN: _____		<div>BY</div> <div>DATE</div>		<div> 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139 </div>		<div>OPN : 8009354</div>	
CIRCUIT NUMBER/S 372, 377, 378		PHONE : (904) 665-7332				DESIGNED : PWD 3-12-24		CIR 372 ADDITION		SEE ABOVE	
SWITCH MAP NUMBER/S 8, 49, 56		CELL : (904) 404-6750				CHECKED :		100% MANHOLE/ CONDUIT POW-MIA MEMORIAL PY			
PRIMARY VOLTAGE 26.2KV		EMAIL : DelcPW@jea.com				APPROVED :		100% CABLE POW-MIA MEMORIAL PY		SHEET NO.	
		EMAIL :				APPROVED FOR CONSTRUCTION :				02 OF 06	



SUBSTATION/CIRCUIT		ENGINEER / PROJECT MANAGER		AS - BUILT <small>ELECTRIC UTILITY CONDUIT SYSTEM</small>		ENGINEERING RECORD			<div> 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139</div>		DRAWING NO. :	
SUBSTATION NAME CECIL COMMERCE CENTER NORTH		ENGINEER : P. DELCAMBRE		<div>DATE _____</div> <div>COMPANY NAME _____</div> <div>ADDRESS _____</div> <div>PHONE NO. _____</div> <div>I HERBY 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.</div> <div>AUTHORIZED NAME _____</div> <div>AUTHORIZED SIGNATURE _____</div> <div>CONTRACTOR'S LICENSE No. _____</div> <div>JEA CONTRACT ADMIN: _____</div>		BY		DATE			OPN : 8009354	
CIRCUIT NUMBER/S 372, 377, 378		PHONE : (904) 665-7332				DESIGNED :		PWD			3-12-24	MWO : SEE ABOVE
SWITCH MAP NUMBER/S 056		CELL : (904) 404-6750				CHECKED :					SHEET NO.	
PRIMARY VOLTAGE 26.2KV		EMAIL : DelcPW@jea.com						APPROVED :				

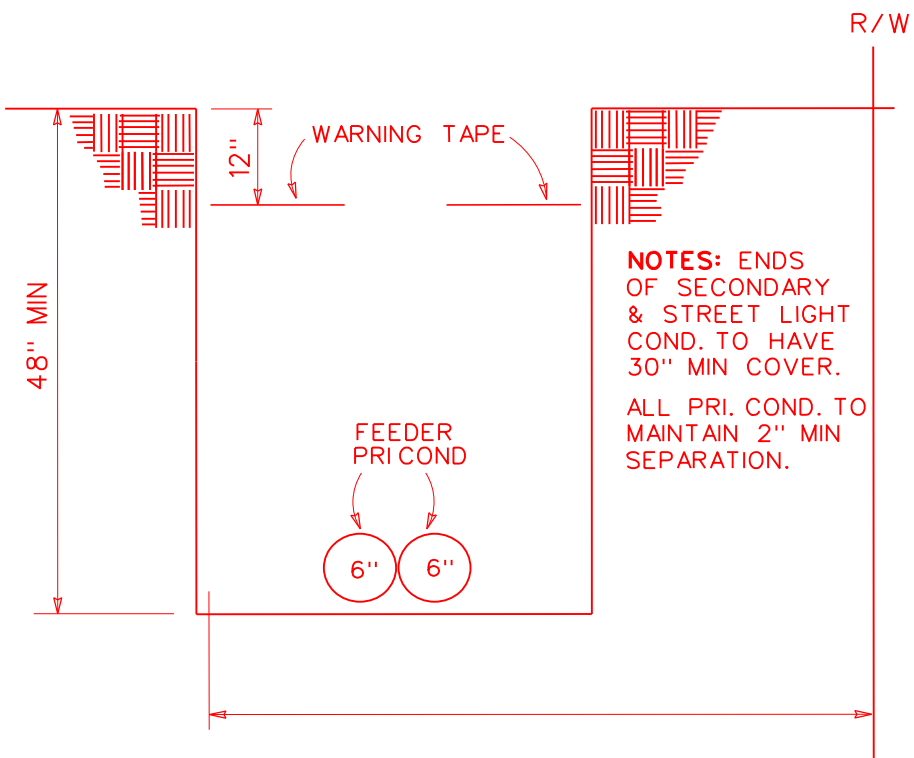
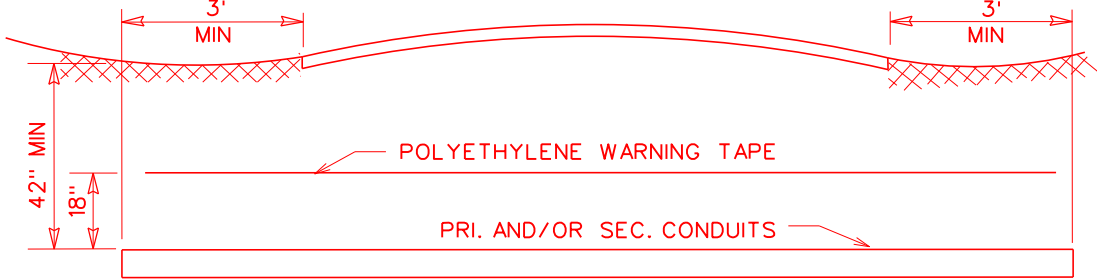
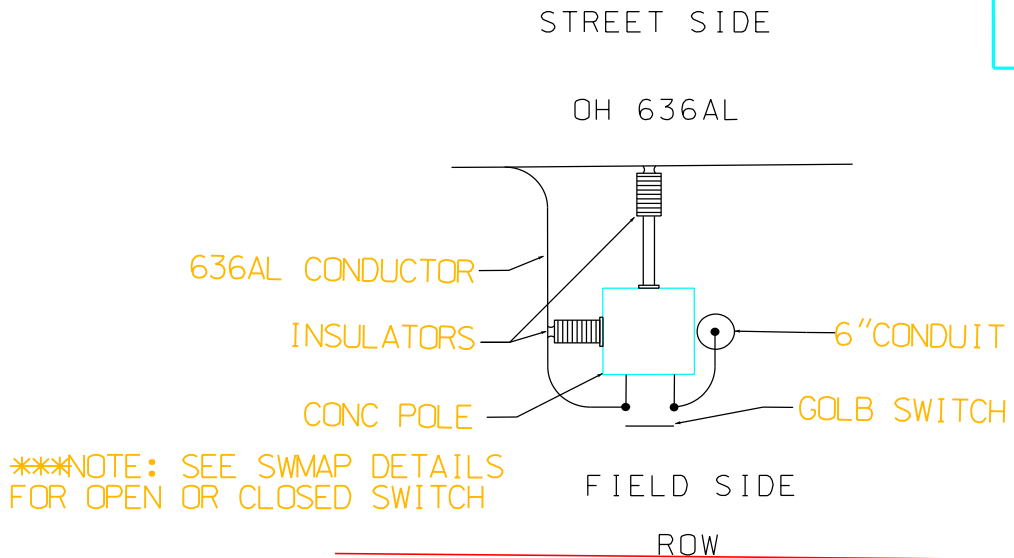
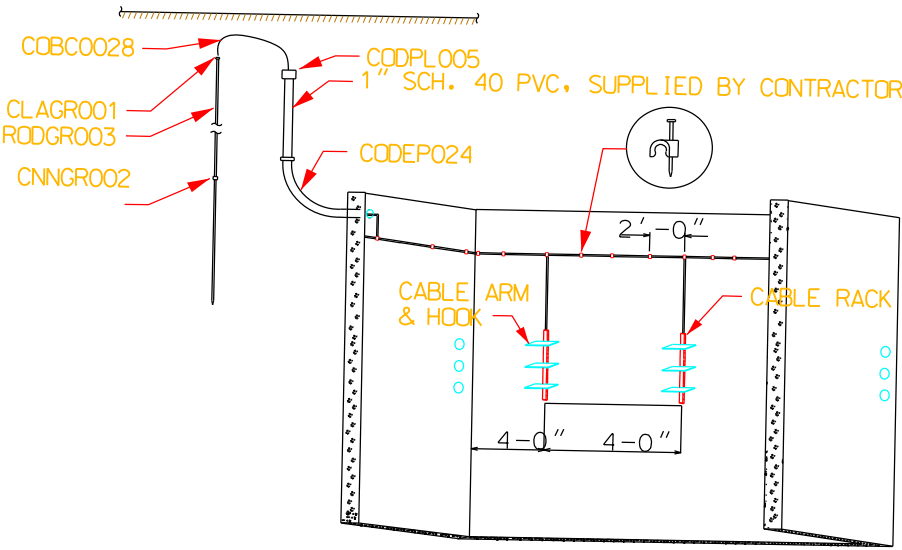
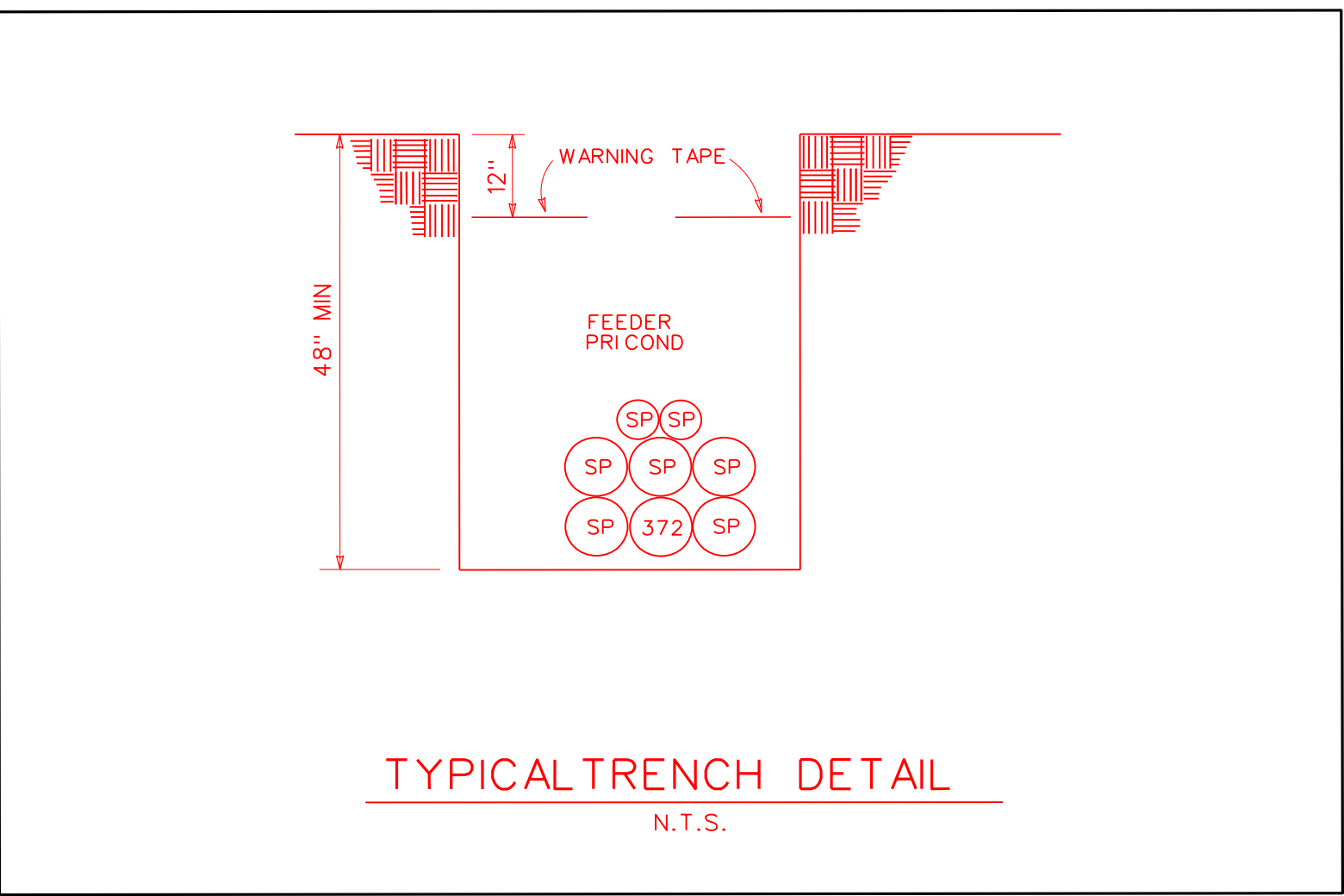
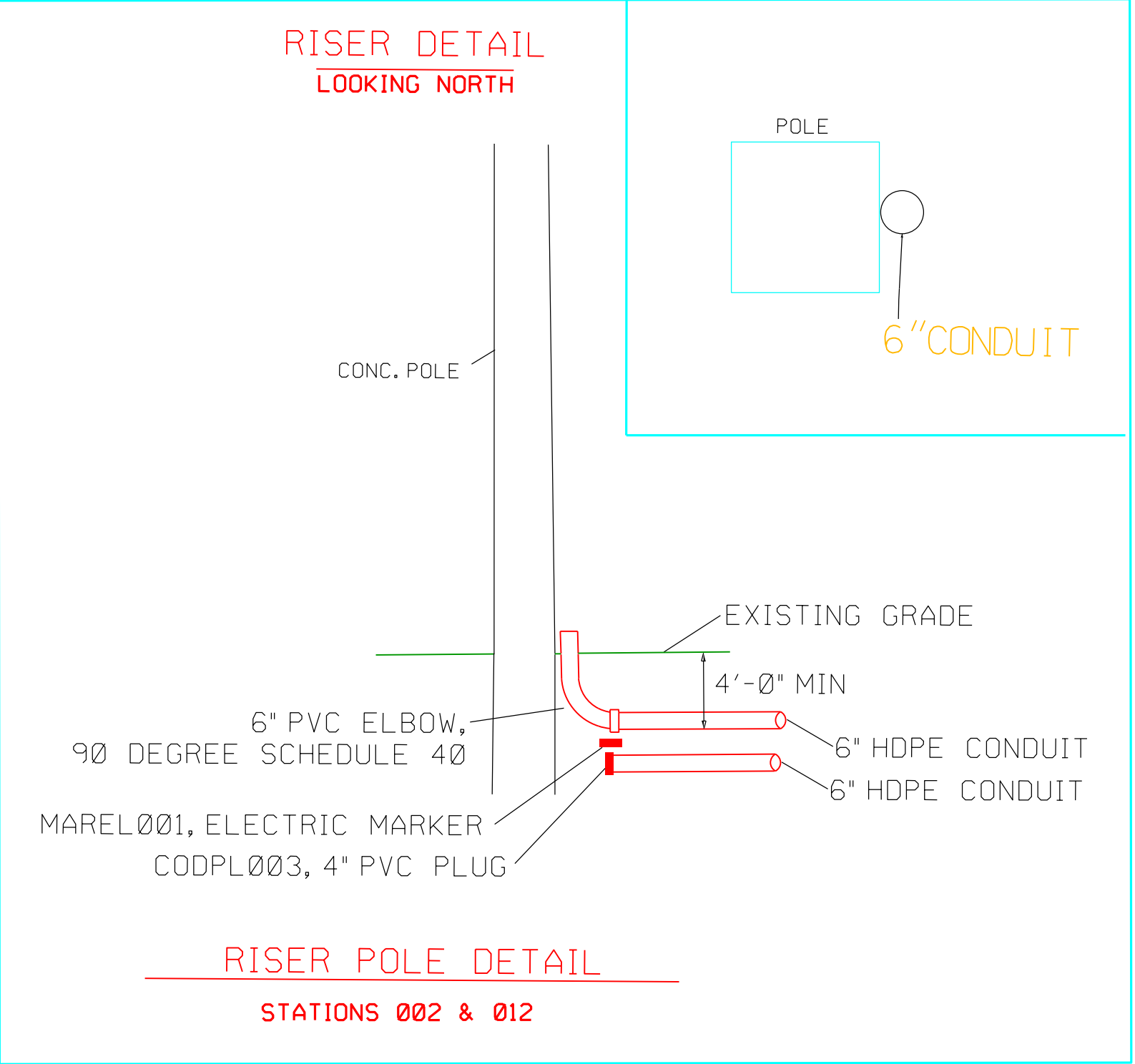
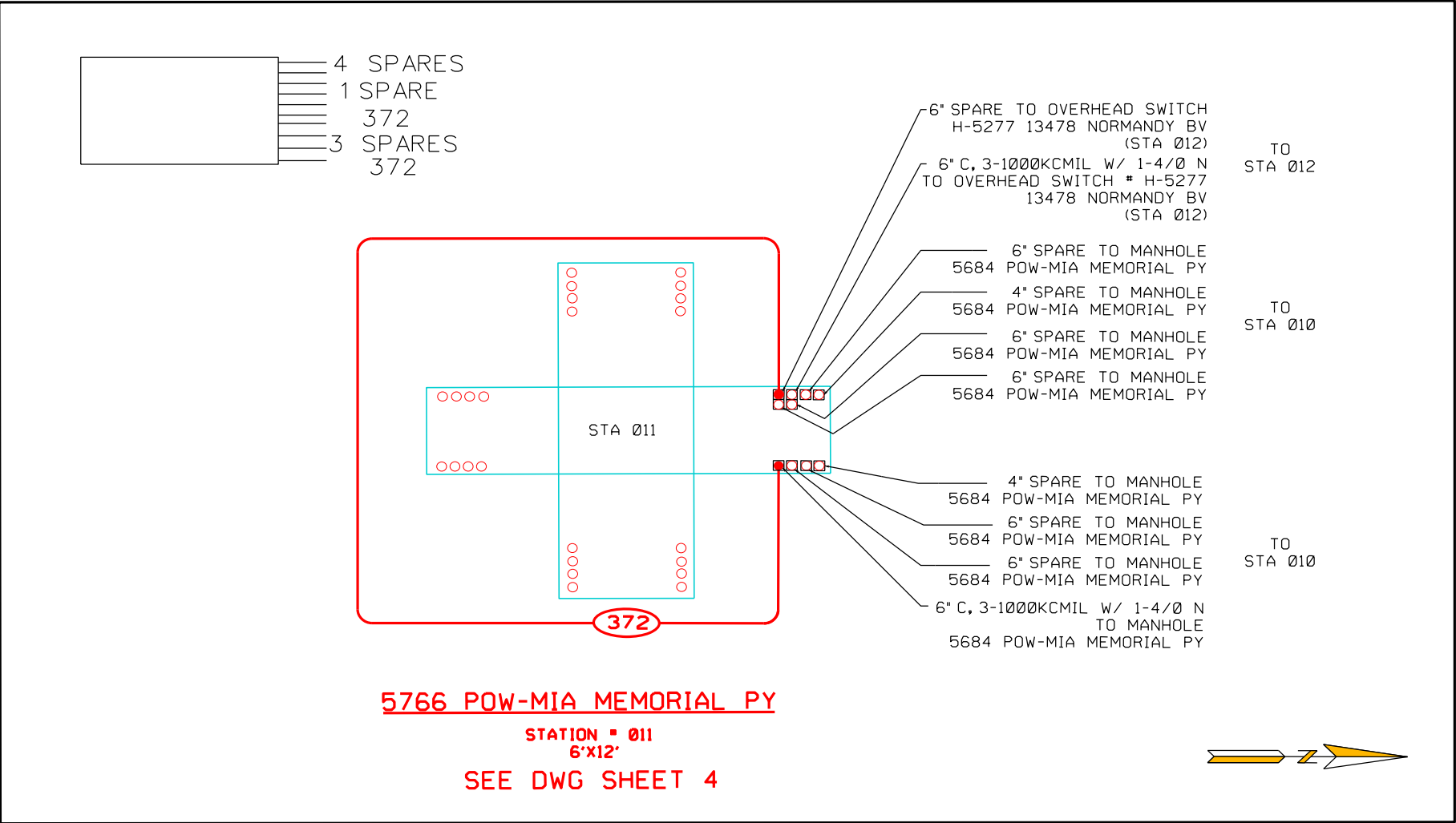


SUBSTATION/CIRCUIT		ENGINEER / PROJECT MANAGER		AS - BUILT <small>ELECTRIC UTILITY CONDUIT SYSTEM</small>		ENGINEERING RECORD			<div><p>JEA BUILDING COMMUNITY</p><p>225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139</p></div>		DRAWING NO. :	
SUBSTATION NAME CECIL COMMERCE CENTER NORTH		ENGINEER : P. DELCAMBRE		DATE _____ COMPANY NAME _____ ADDRESS _____ PHONE NO. _____		BY		DATE			OPN : 8009354	
CIRCUIT NUMBER/S 372, 377, 378		PHONE : (904) 665-7332		I HERBY 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.		DESIGNED :		PWD			3-12-24	MWO : SEE ABOVE
SWITCH MAP NUMBER/S 056		CELL : (904) 404-6750				CHECKED :		APPROVED :			SHEET NO. 04 OF 06	
PRIMARY VOLTAGE 26.2KV		EMAIL : DelcPW@jea.com				APPROVED FOR CONSTRUCTION :						
		EMAIL :		AUTHORIZED NAME _____ AUTHORIZED SIGNATURE _____ CONTRACTOR'S LICENSE No. _____ JEA CONTRACT ADMIN _____								



U/G CONDUIT W0: 31315040

SUBSTATION/CIRCUIT		ENGINEER / PROJECT MANAGER		AS - BUILT ELECTRIC UTILITY CONDUIT SYSTEM		ENGINEERING RECORD			JEA BUILDING COMMUNITY		CECIL COMMERCE CENTER NORTH CIR 372 ADDITION 100% MANHOLE/ CONDUIT POW-MIA MEMORIAL PY 100% CABLE POW-MIA MEMORIAL PY		DRAWING NO. :	
SUBSTATION NAME CECIL COMMERCE CENTER NORTH		ENGINEER : P. DELCAMBRE		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	225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139		CECIL COMMERCE CENTER NORTH		OPN : 8009354	
CIRCUIT NUMBER/S 372, 377, 378		PHONE : (904) 665-7332				PWD		3-12-24			CIR 372 ADDITION		MWO : SEE ABOVE	
SWITCH MAP NUMBER/S 056		CELL : (904) 404-6750									100% MANHOLE/ CONDUIT POW-MIA MEMORIAL PY		SHEET NO.	
PRIMARY VOLTAGE 26.2KV		EMAIL : DelcPW@jea.com									100% CABLE POW-MIA MEMORIAL PY		05 OF 06	

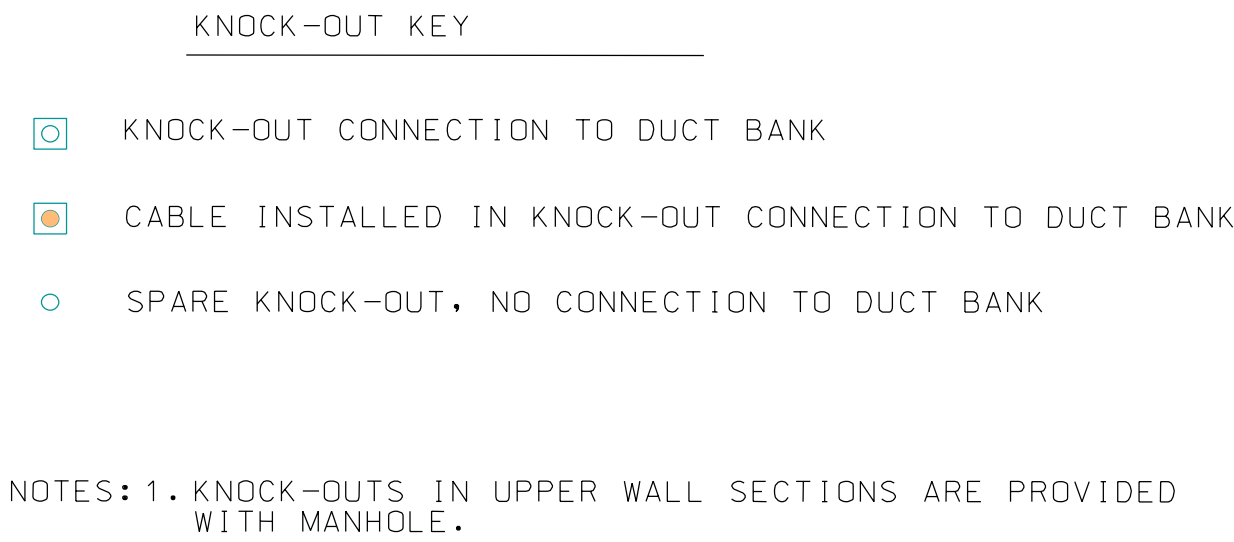
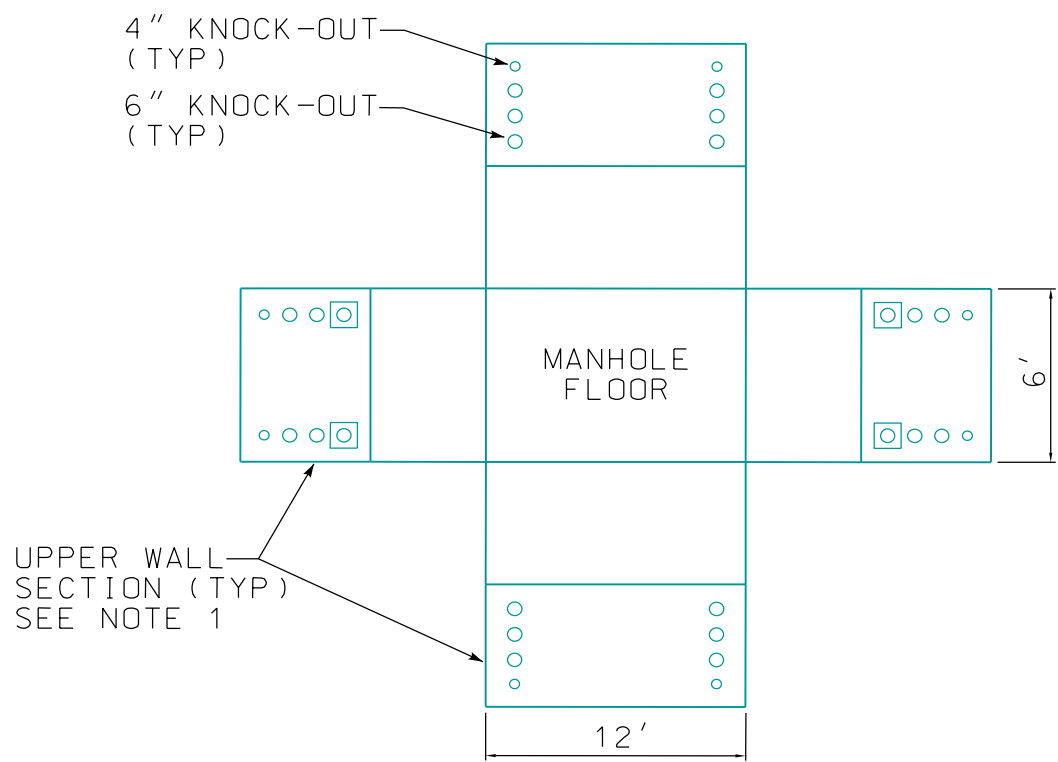
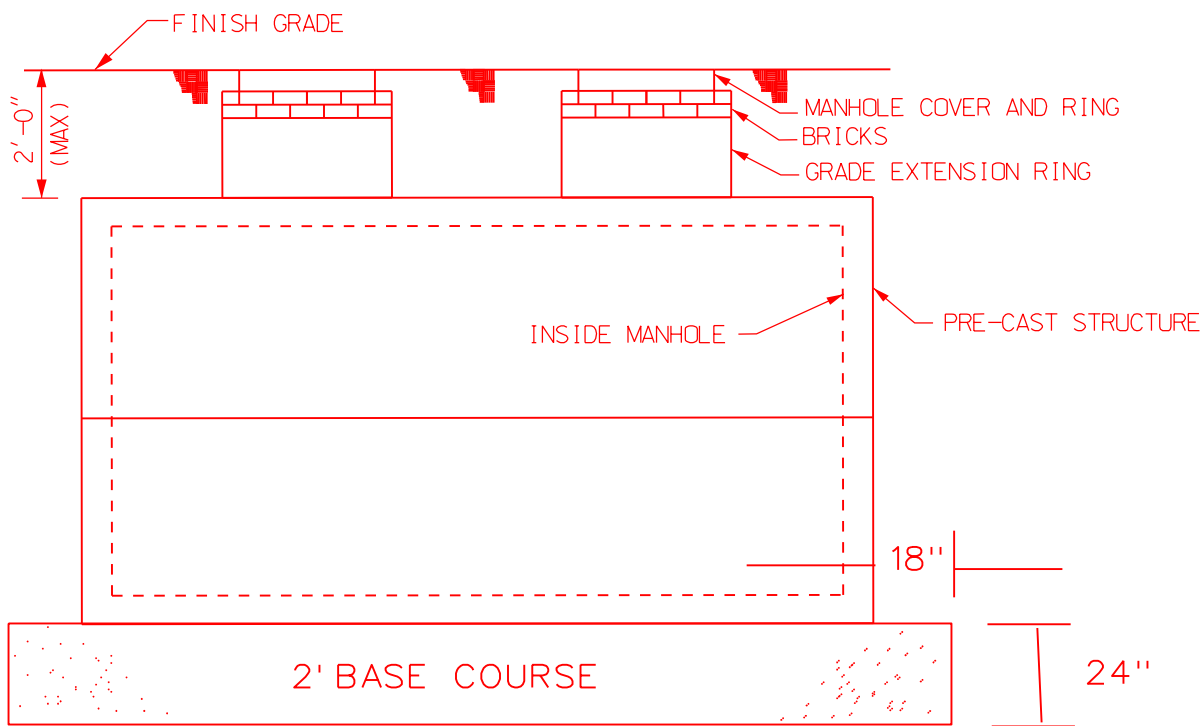


TYPICAL MANHOLE CABLE ARM
HOOK, RACK & GROUNDING DETAIL
N.T.S.

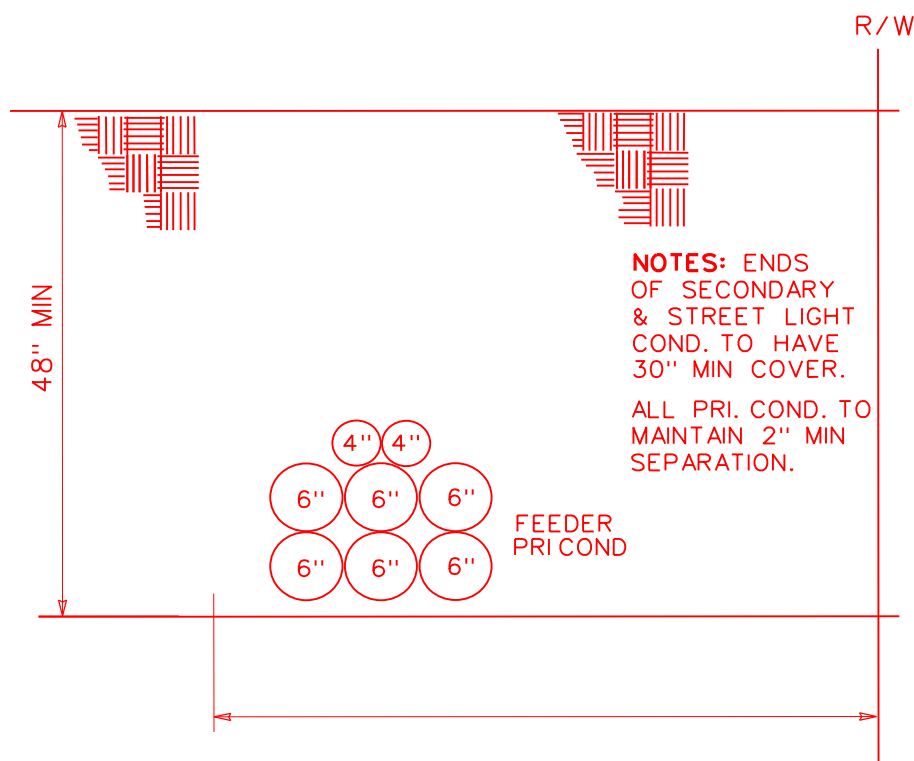
UG FEEDER RISER DETAIL
N.T.S.

STREET CROSSING DETAIL
N.T.S.


TYPICAL TRENCH DETAIL
N.T.S.



TYPICAL MANHOLE DETAIL
N.T.S.



TYPICAL DIRECTIONAL BORE DETAIL
N.T.S.

SUBSTATION/CIRCUIT		ENGINEER / PROJECT MANAGER		AS - BUILT <small>ELECTRIC UTILITY CONDUIT SYSTEM</small>		ENGINEERING RECORD			<div> BUILDING COMMUNITY 225 N. PEARL ST. JACKSONVILLE, FLORIDA 32202-3139</div>	CECIL COMMERCE CENTER NORTH			DRAWING NO. :		
SUBSTATION NAME CECIL COMMERCE CENTER NORTH		ENGINEER : P. DELCAMBRE		DATE _____ COMPANY NAME _____ ADDRESS _____ PHONE NO. _____		BY		DATE		OPN : 8009354			MWO : SEE ABOVE		
CIRCUIT NUMBER/S 372, 377, 378		PHONE : (904) 665-7332		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.		PWD		3-12-24		100% MANHOLE/ CONDUIT POW-MIA MEMORIAL PY			SHEET NO.		
SWITCH MAP NUMBER/S 056		CELL : (904) 404-6750		AUTHORIZED NAME _____ AUTHORIZED SIGNATURE _____ CONTRACTOR'S LICENSE No. _____ JEA CONTRACT ADMIN: _____		APPROVED :				100% CABLE POW-MIA MEMORIAL PY			06 OF 06		
PRIMARY VOLTAGE 26.2KV		EMAIL : DelcPW@jea.com				APPROVED FOR CONSTRUCTION :									