PROJECT LOCATION: 30°19'10.90"N 81°55'2.52"W



# ISSUE FOR REVIEW

VICINITY MAP N.T.S.



# MILLER 230KW

SUBSTATION ENGINEERING PROJECT #8009570

225 NORTH PEARL STREET JACKSONVILLE, FLORIDA 32202	
ISSUED FOR REVIEW	

CONSULTANT INFOR	RMATION	1	NGINEER'S SEAL
BURNS MºDONNELL	495 N KELLER ROAD, SUITE 300 MAITLAND, FL 32751 WWW.BURNSMCD.COM		GINALLY PREPARED UNDER ESPONSIBLE SUPERVISION OF  Brendan T. Murphy  98687  FL  -

REV	DATE	PROJ#	REVISION DESCRIPTION	вү	REVIEW	ENGINE	EERING	
Α	02/24/25	8009570	ISSUED FOR 60% REVIEW	BMCD	втм	DATE	07/29/2025	
В	07/29/25	8009570	ISSUED FOR 90% REVIEW	BMCD	ВТМ	вү	JB	]
						REVIEW	втм	]
						DRAF	TING	1
						DATE	07/29/2025	
						вү	KN	sc.
						REVIEW	JB	1

MILLER SUBSTATION INSTALLATION	
COVER AND VICINITY MAP	

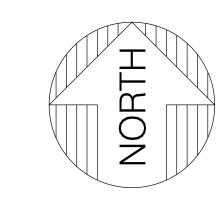
ML2024

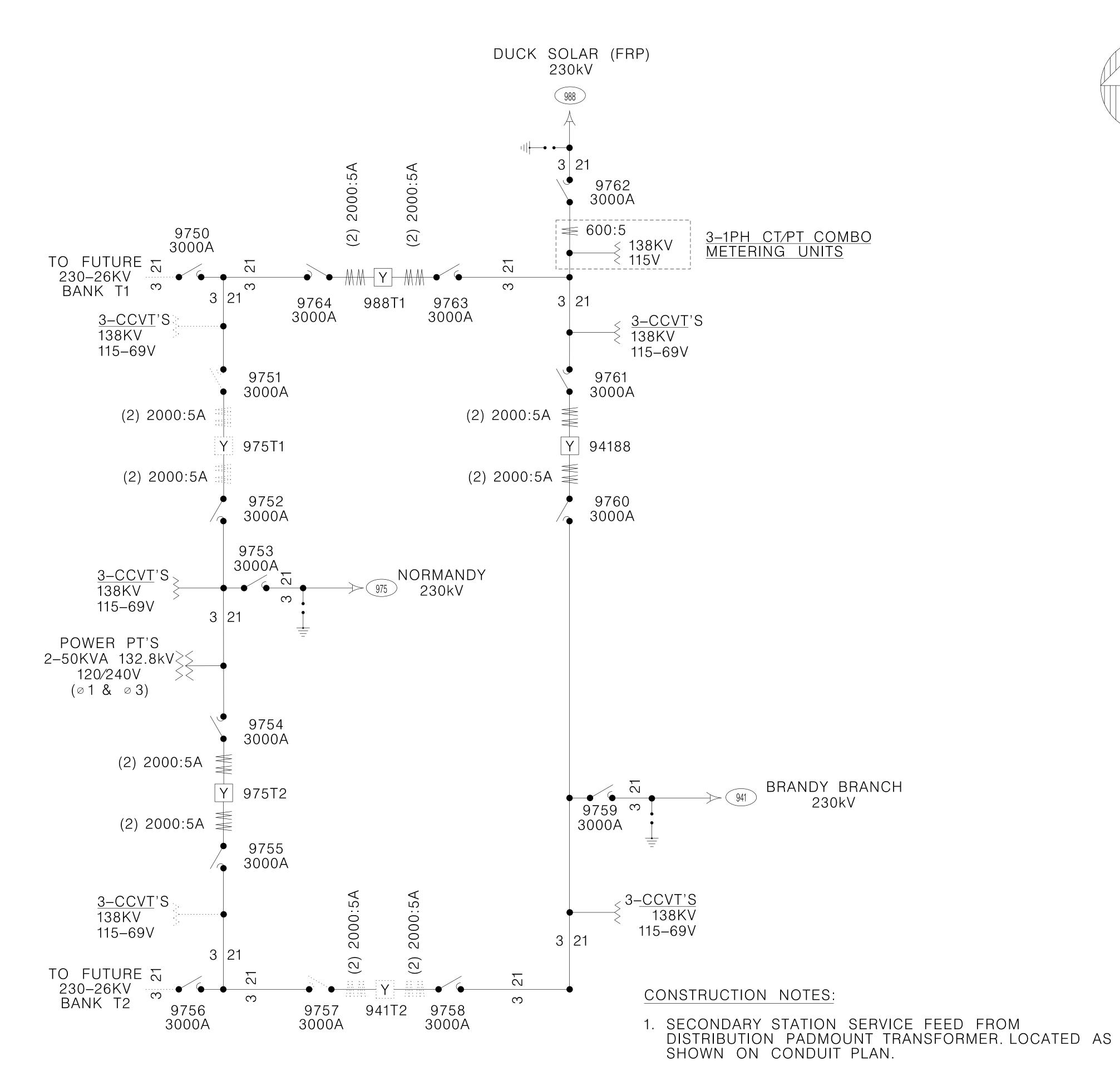
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ML2024-CV1.dgn

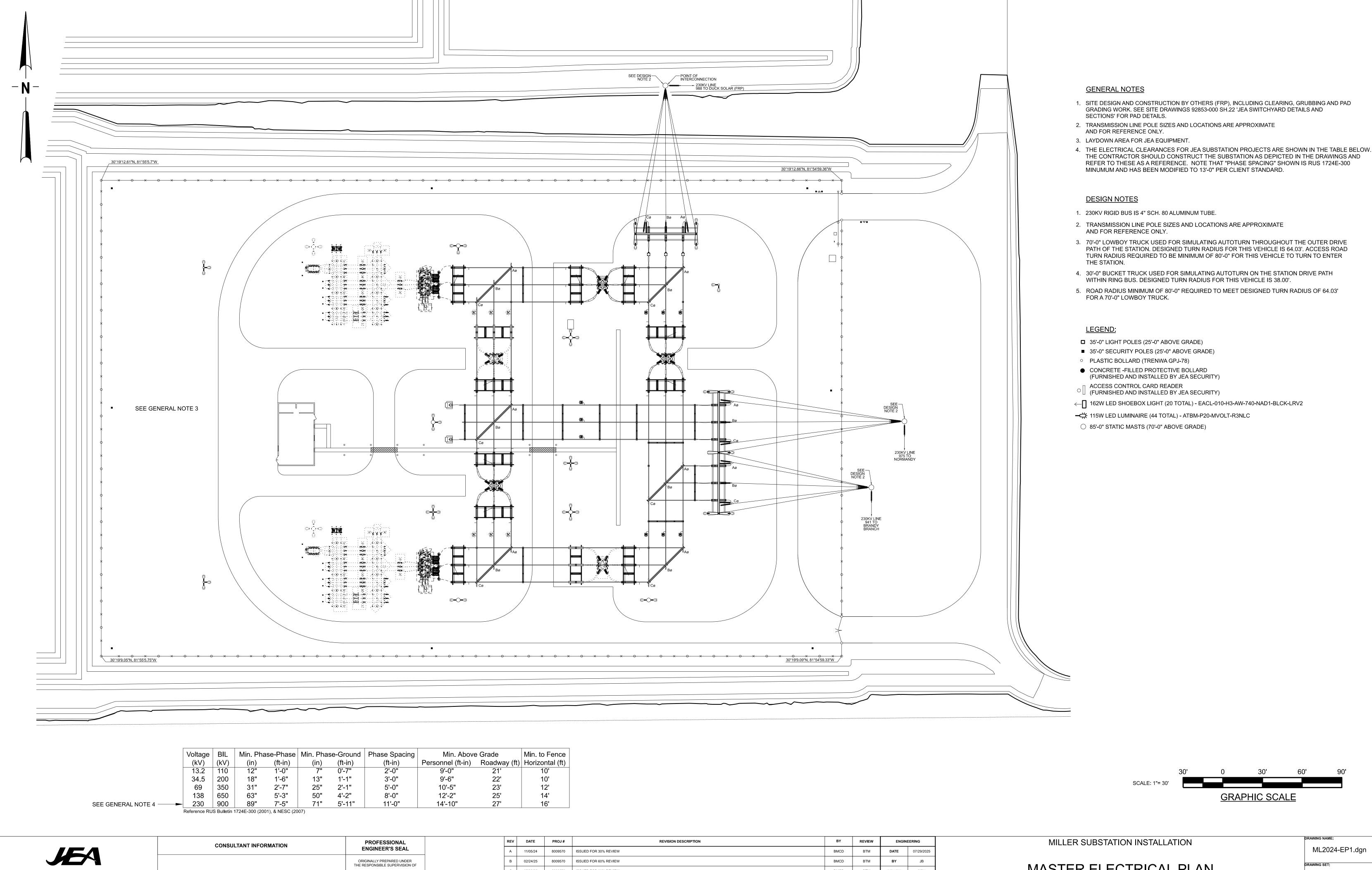
10F1

MILLER SUBSTATION 8009570 SUBSTATION & TRANSMISSION ENGINEERING

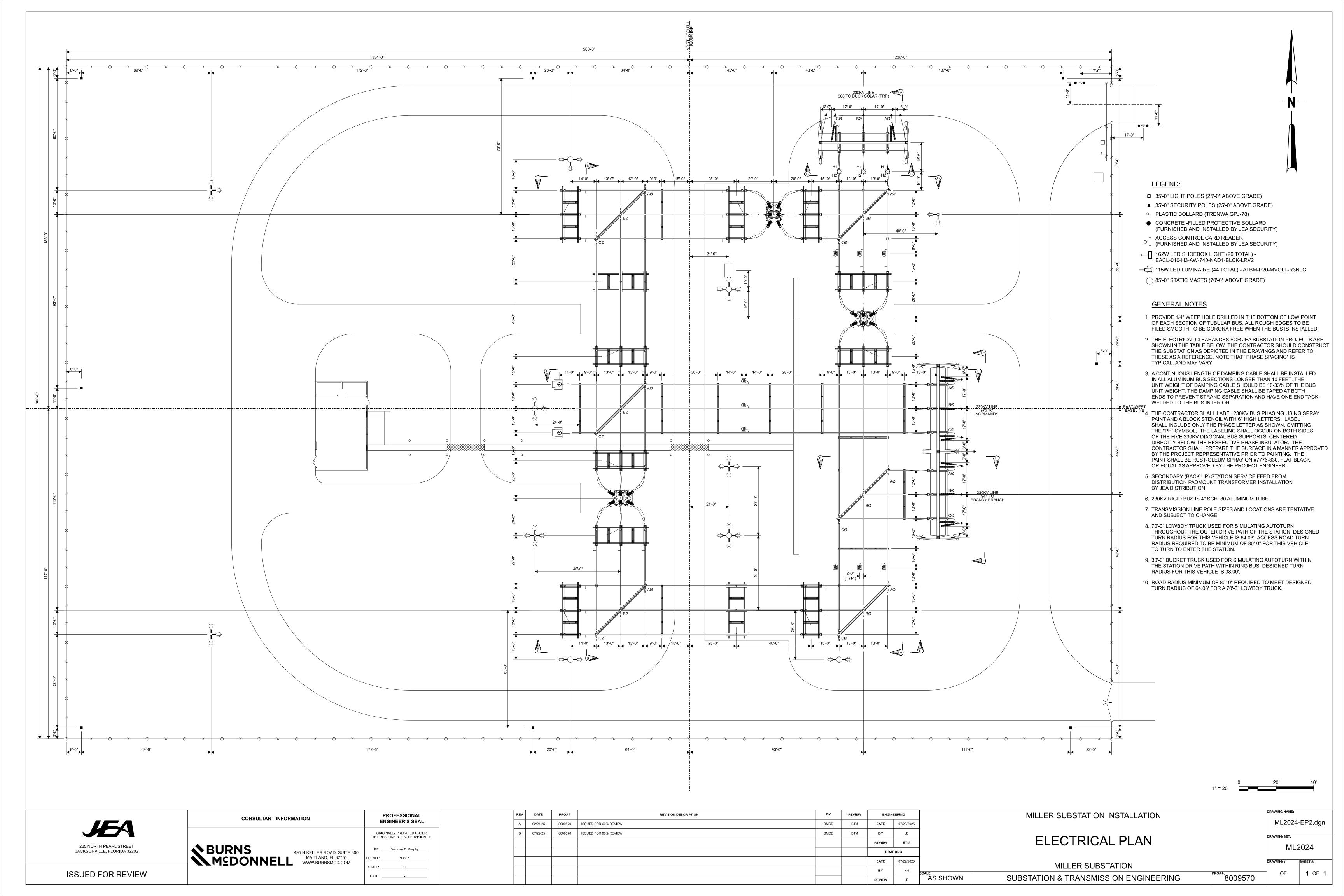




	CONSULTANT INFORMATION	PROFESSIONAL	REV	DATE	PROJ# REVISION DESCRIPTION	ВҮ	RE	VIEW ENGINE	ERING	MILLER SUBSTATION INSTALLATION	DRAWING
	CONSCIANT IN CAMATION	ENGINEER'S SEAL	А	9/20/24	8009570 ISSUED FOR 10% REVIEW	BMCD	В	BTM DATE	07/29/2025		ML2
		ORIGINALLY PREPARED UNDER THE RESPONSIBLE SUPERVISION OF	В	11/05/24	8009570 ISSUED FOR 30% REVIEW	BMCD	В	BTM BY	JB		DRAWING:
	<b>A D</b> 11 <b>D</b> 11 <b>G</b>	THE RESIGNATE OF ENVIOLENCE	С	12/03/24	8009570 REISSUED FOR 30% REVIEW	BMCD	В	BTM REVIEW	втм	SINGLE LINE DIAGRAM	
225 NORTH PEARL STREET IACKSONVILLE, FLORIDA 32202	BURNS 495 N KELLER ROAD, SU		D	02/24/25	8009570 ISSUED FOR 60% REVIEW	BMCD	В	BTM DRAFT	TING		
	MSDONNELL MAITLAND, FL 3275 www.burnsmcd.c	61 LIC. NO.: 98687 OM	E	07/29/25	8009570 ISSUED FOR 90% REVIEW	BMCD	В	DATE DATE	07/29/2025	MILLER SUBSTATION	DRAWING :
SUED FOR REVIEW		STATE:FL						ву	L		PROJ#: 0



	CONSULTANT INFORMATION	PROFESSIONAL	REV DATE PROS#	SION DESCRIPTION	KEVIEW	LNGIN	VEEKING	MILLER SUBSTATION INSTALLATION	
JEA	CONSCIANT IN CHIMATION	ENGINEER'S SEAL	A 11/05/24 8009570 ISSUED FOR 30% REVIEW	BMCD	D BTM	DATE	07/29/2025		ML2024-EP1.dgn
		ORIGINALLY PREPARED UNDER THE RESPONSIBLE SUPERVISION OF	B 02/24/25 8009570 ISSUED FOR 60% REVIEW	BMCD	D BTM	ВҮ	JB		DRAWING SET:
225 NORTH PEARL STREET	<b>A D</b> 11 <b>D</b> 11 <b>G</b>	THE REST STREET SOLETIMEST OF	C 07/29/25 8009570 ISSUED FOR 90% REVIEW	BMCD	D BTM	REVIEW	втм	MASTER ELECTRICAL PLAN	
225 NORTH PEARL STREET JACKSONVILLE, FLORIDA 32202	BURNS 495 N KELLER ROAD, SUITE 300	PE: Brendan T. Murphy				DRA	AFTING	1	ML2024
	MEDONNELL MAITLAND, FL 32751 WWW.BURNSMCD.COM	LIC. NO.: 98687				DATE	07/29/2025		DRAWING #: SHEET #:
		STATE:				BY	KN	MILLER SUBSTATION	
ISSUED FOR REVIEW		DATE:				REVIEW	JB	AS SHOWN SUBSTATION & TRANSMISSION ENGINEERING	PROJ#: 0F 1 OF 1





ML2024-ES1.dgn

ML2024

1 of 3

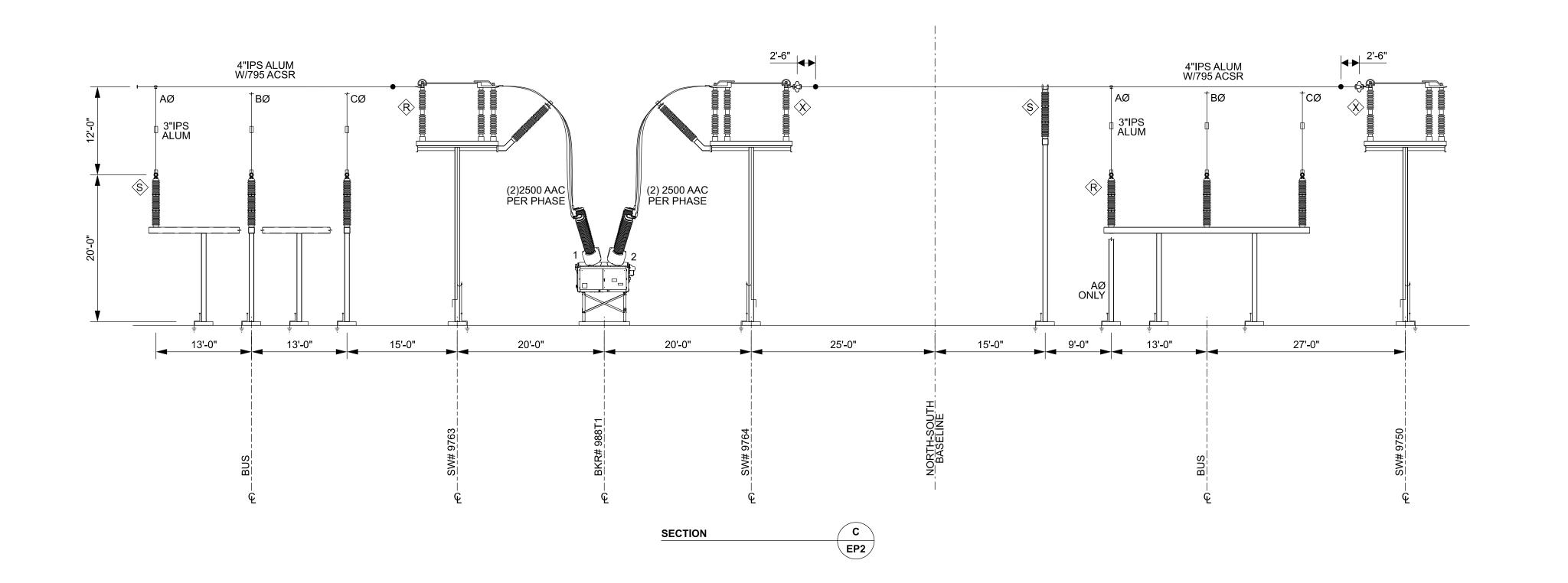
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AS SHOWN

REVIEW

SUBSTATION & TRANSMISSION ENGINEERING

OF

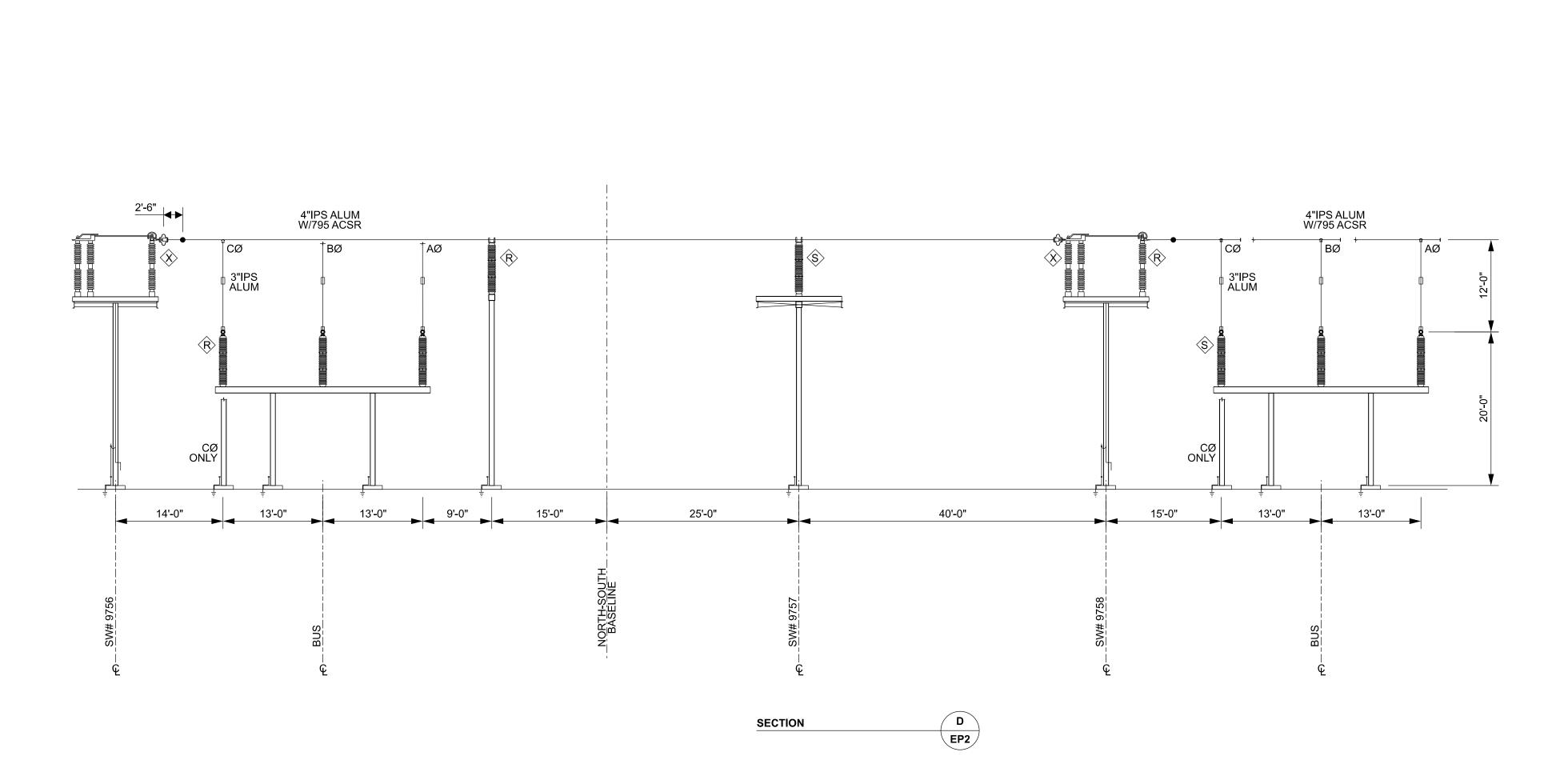


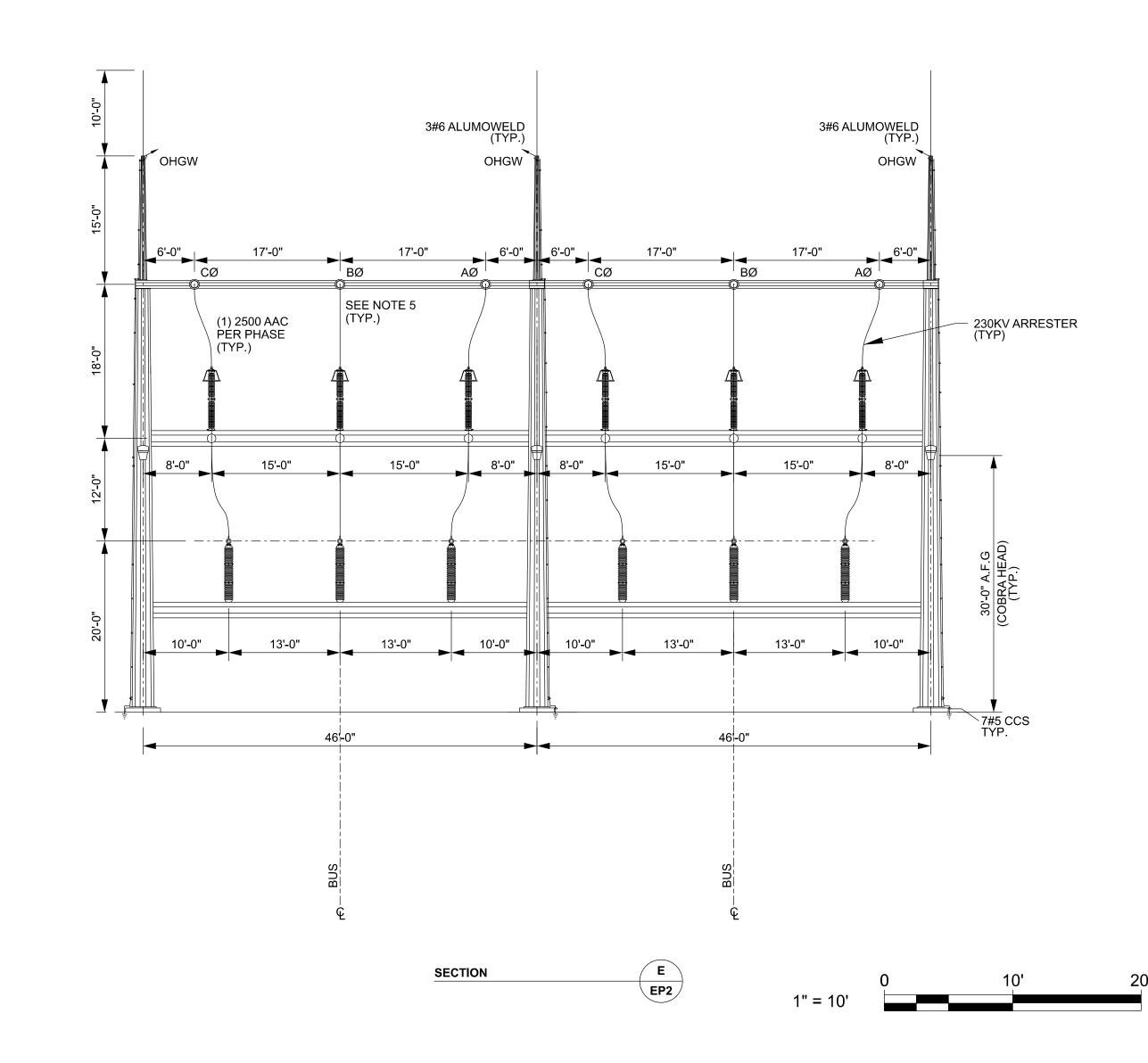
#### **GENERAL NOTES:**

- PROVIDE 1/4" WEEP HOLE DRILLED IN THE BOTTOM OF LOW POINT OF EACSECTION OF TUBULAR BUS. ALL ROUGH EDGES TO BE FILED SMOOTH TO BE CORONA FREE WHEN THE BUS IS INSTALLED.
- 2. THE ELECTRICAL CLEARANCES FOR JEA SUBSTATION PROJECTS ARE SHOWN IN THE TABLE ON EP1. THE CONTRACTOR SHOULD CONSTRUCT THE SUBSTATION AS DEPICTED IN THE DRAWINGS AND REFER TO THESE AS A REFERENCE. NOTE THAT "PHASE SPACING" IS TYPICAL, AND MAY VARY.
- 3. A CONTINUOUS LENGTH OF DAMPING CABLE SHALL BE INSTALLED IN ALL ALUMINUM BUS SECTIONS LONGER THAN 10 FEET. THE UNIT WEIGHT OF DAMPING CABLE SHOULD BE 10-33% OF THE BUS UNIT WEIGHT. THE DAMPING CABLE SHALL BE TAPED AT BOTH ENDS TO PREVENT STRAND SEPARATION AND HAVE ONE END TACK-WELDED TO THE BUS INTERIOR.
- 4. THE CONTRACTOR SHALL LABEL 230KV BUS PHASING USING SPRAY PAINT AND A BLOCK STENCIL WITH 6" HIGH LETTERS. LABEL SHALL INCLUDE ONLY THE PHASE LETTER AS SHOWN, OMITTING THE "PH" SYMBOL. THE LABELING SHALL OCCUR ON BOTH SIDES OF THE FIVE 230KV DIAGONAL BUS SUPPORTS, CENTERED DIRECTLY BELOW THE RESPECTIVE PHASE INSULATOR. THE CONTRACTOR SHALL PREPARE THE SURFACE IN A MANNER APPROVED BY THE PROJECT REPRESENTATIVE PRIOR TO PAINTING. THE PAINT SHALL BE RUST-OLEUM SPRAY ON #7776-830, FLAT BLACK, OR EQUAL AS APPROVED BY THE PROJECT ENGINEER.
- 5. TRANSMISSION LINE CONDUCTOR, OVERHEAD GROUND WIRE (OHGW), ASSOCIATED TERMINATION CONNECTORS, INSULATORS AND HARDWARE WILL BE FURNISHED AND INSTALLED BY OTHERS.

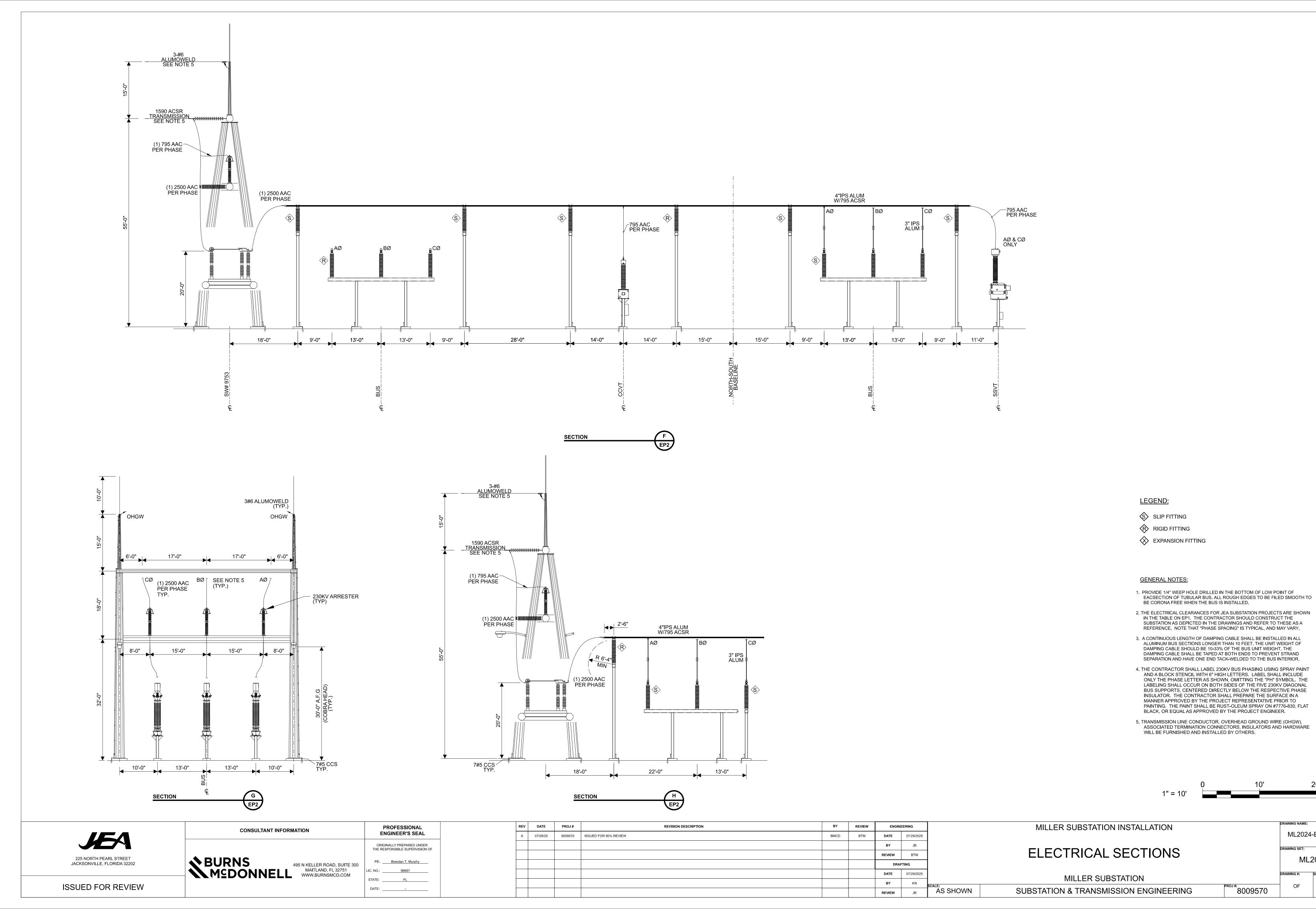
#### LEGEND:

- S SLIP FITTING
- R RIGID FITTING
- **(X)** EXPANSION FITTING





	CONSULTANT INFORMATION	PROFESSIONAL	F	REV DATE PRO	ROJ#	REVISION DESCRIPTION	BY REVIEW	ENGINEERING		MILLER SUBSTATION INSTALLATION	DRAWING NAME:
		ENGINEER'S SEAL		A 07/29/25 8009	99570 ISSUED FOR 90% REVIEW		BMCD BTM	<b>DATE</b> 07/29/2025			ML2024-ES2.dgn
		ORIGINALLY PREPARED UNDER THE RESPONSIBLE SUPERVISION OF						<b>BY</b> JB			DRAWING SET:
225 NORTH PEARL STREET	BURNS 495 N KELLER ROAD, SUITE 300 MAITLAND, FL 32751 WWW.BURNSMCD.COM							REVIEW BTM		ELECTRICAL SECTIONS	MI 2024
225 NORTH PEARL STREET JACKSONVILLE, FLORIDA 32202		PE: Brendan T. Murphy						DRAFTING			ML2024
		LIC. NO.: 98687						<b>DATE</b> 07/29/2025		MILLER SUBSTATION	DRAWING #: SHEET #:
ICCLIED FOR DEVIEW		STATE:FL						BY KN	SCALE:	WILLER SUBSTATION	PROJ#: OF 2 OF 3
ISSUED FOR REVIEW		DATE:						REVIEW JB	AS SHOWN	SUBSTATION & TRANSMISSION ENGINEERING	PROJ#: OF 2 OF 3



ML2024-ES3.dgn

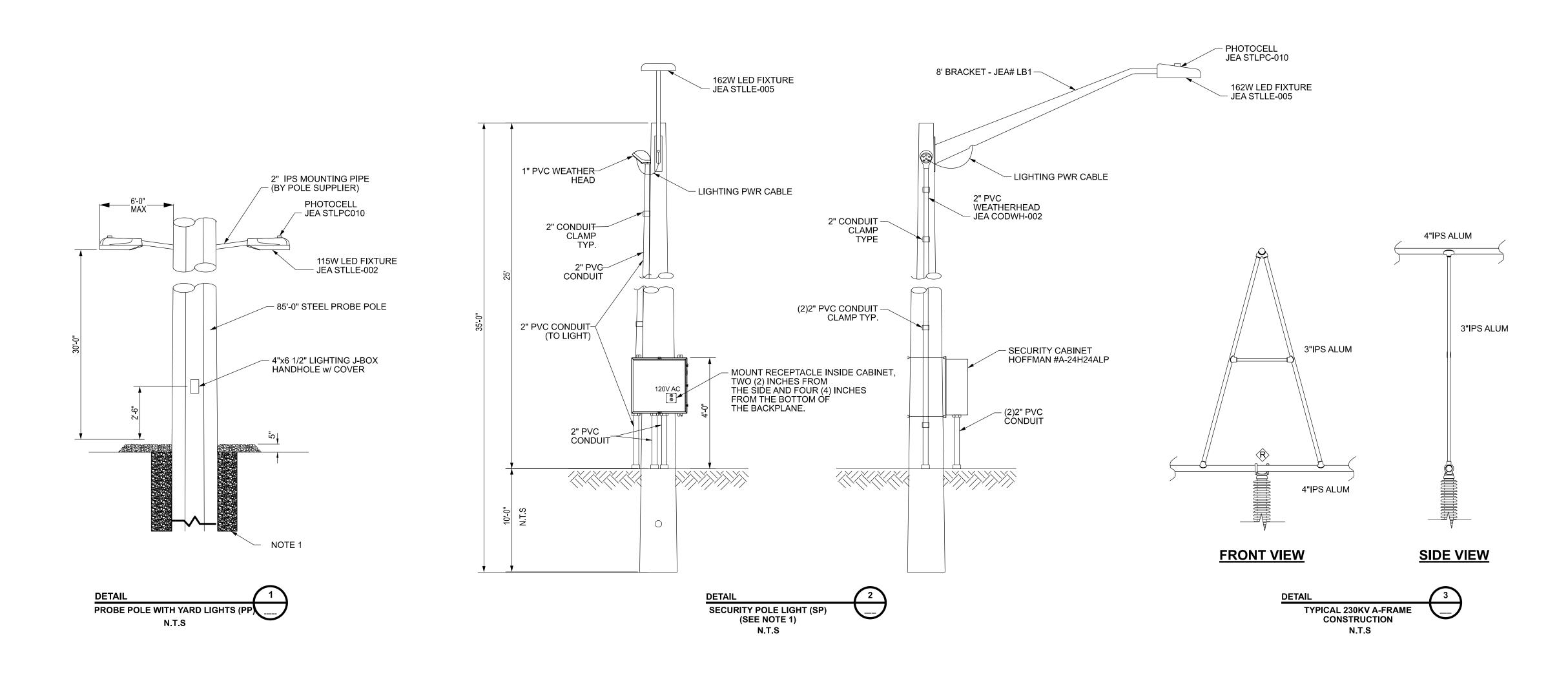
ML2024

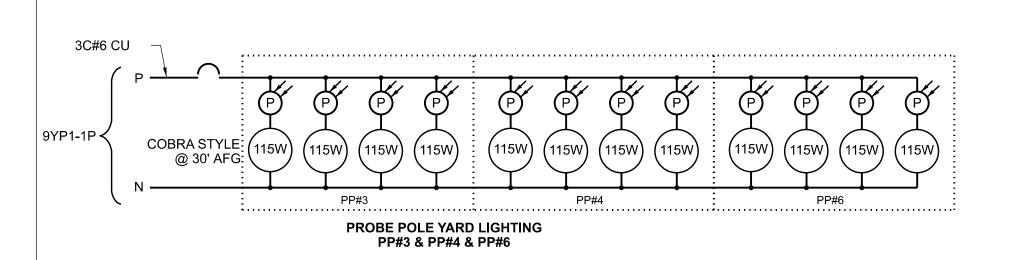
3 OF 3

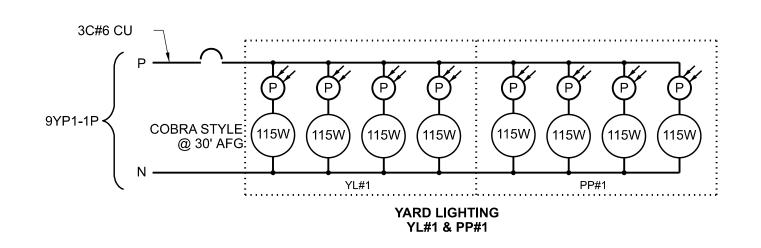
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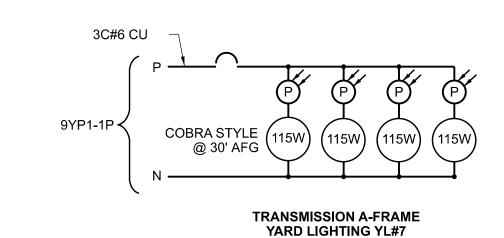
8009570

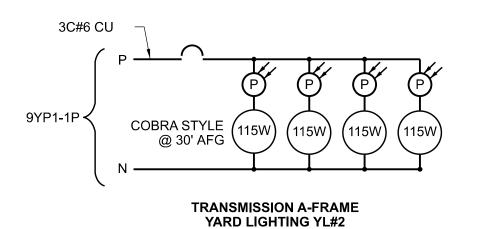
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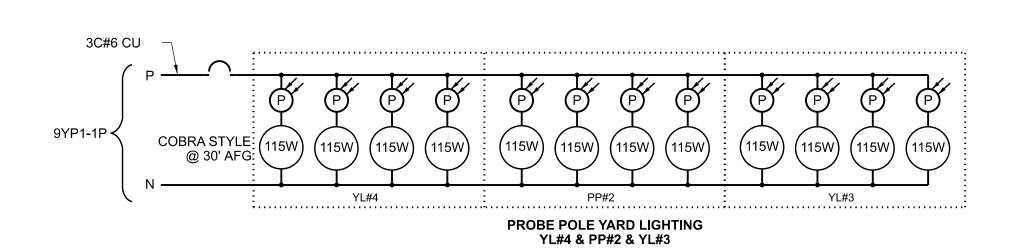


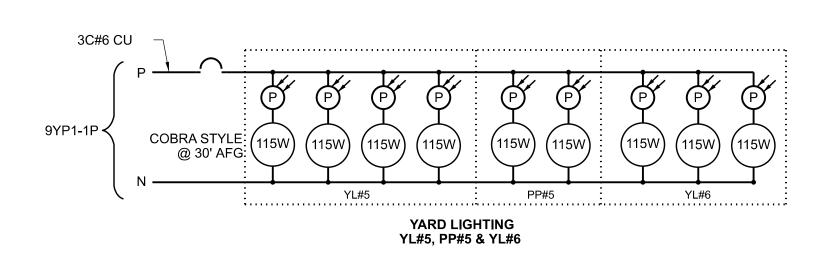












#### YARD LIGHT LEGEND

PHOTOCELL - JEA STOCK #STLPC010 PROVIDED BY JEA,
MOUNTED ONTO LUMINAIRE AND WIRED PER MANUFACT. INSTRUCTIONS.

COBRA-STYLE LED LUMINAIRE - JEA STOCK #STLLE002, PROVIDED BY JEA.

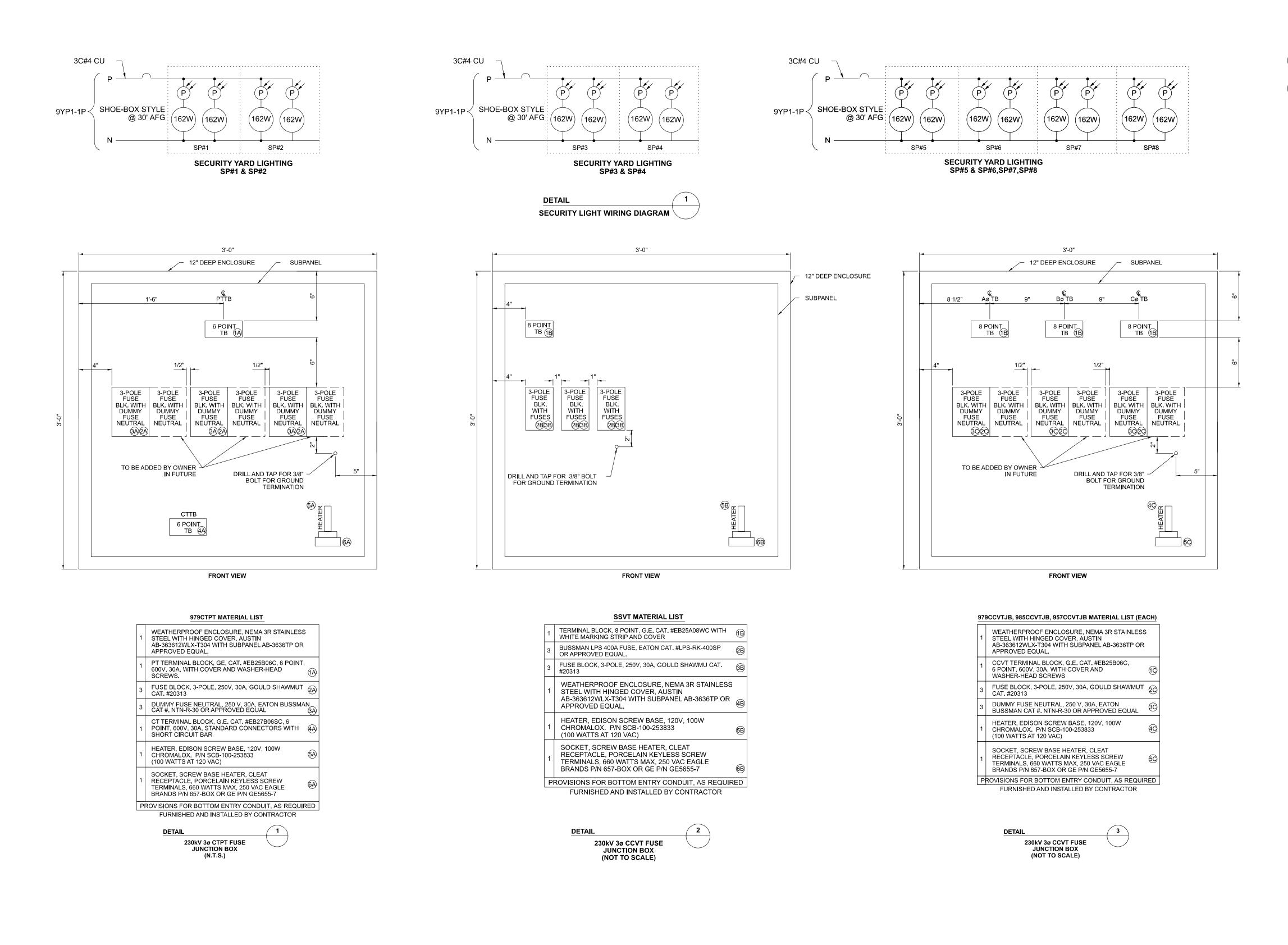
SHOEBOX-STYLE LED LUMINAIRE - JEA STOCK #STLLE-005, PROVIDED BY CONTRACTOR

## NOTES:

- 1. CAMERAS TO BE INSTALLED BY JEA SECURITY. NOT SHOWN ON DETAIL.
  - CONTRACTOR TO REFER TO 'FIBER OPTIC GENERAL INSTALLATION NOTES' ON CONDUIT PLAN DRAWING CP2 FOR FIBER CONDUIT INSTALLATION REQUIREMENTS AND GUIDELINES.
- 3. CONTRACTOR TO FURNISHED AND INSTALL HANDHOLES JEA CAT. #BOXPS002 CONTRACTOR TO INSTALL PULL STRINGS AND SEAL BOTH ENDS OF UNUSED CONDUIT WITHIN HANDHOLES. HANDHOLES SHALL HAVE A MINIMUM 6" BASE COURCE OF GRAVEL FOR DRAINAGE AS SHOWM.

# DETAIL YARD LIGHT WIRING DIAGRAM \_\_\_

	CONSULTANT INFORMATION	PROFESSIONAL	REV	DATE	PROJ # REVISION DESCRIPTION	ВУ	REVIEW	ENGINE	ERING	MILLER SUBSTATION INSTALLATION	DRAWING NAME:	
		ENGINEER'S SEAL	A	07/29/25	8009570 ISSUED FOR 90% REVIEW	BMCD	втм	DATE	07/29/2025		ML2024	4-ED1.dgn
	<b>A D 1 D 1 D</b>	ORIGINALLY PREPARED UNDER THE RESPONSIBLE SUPERVISION OF						вү	JB	ELECTRICAL DETAILS OLIFET 4	DRAWING SET:	
225 NORTH PEARL STREET		THE RES. STREET SST EXCHANGE						REVIEW	втм	ELECTRICAL DETAILS SHEET 1	ML2024	2024
225 NORTH PEARL STREET JACKSONVILLE, FLORIDA 32202	BURNS 495 N KELLER ROAD, SUITE	300 PE: Brendan T. Murphy						DRAF	ΓING		IVIL	2024
	MSDONNELL MAITLAND, FL 32751 WWW.BURNSMCD.COM	LIC. NO.: 98687						DATE	07/29/2025	MILLER SUBSTATION	DRAWING #:	SHEET#:
ISSUED FOR DEVIEW		STATE:						BY	KN		OF	10F2
ISSUED FOR REVIEW		DATE:						REVIEW	JB	NONE SUBSTATION & TRANSMISSION ENGINEERING 8009570	l OF	1012



#### MODIVIED ONTO LO

YARD LIGHT LEGEND

- PHOTOCELL JEA STOCK #STLPC010 PROVIDED BY JEA,
  MOUNTED ONTO LUMINARE AND WIRED PER MANUFACT. INSTRUCTIONS.
- COBRA-STYLE LED LUMINAIRE JEA STOCK #STLLE002, PROVIDED BY JEA.
- SHOEBOX-STYLED LED LUMINAIRE JEA STOCK #STYLLE-005, PROVIDED BY CONTERACTOR.

<u>NOTES</u>

- 1. CONTRACTOR TO DRILL AND TAP FOR %" BOLT FOR GROUND TERMINATION IN JUNCTION BOXES AT LOCATIONS SHOWN.
  CONTRACTOR TO FURNISH AND INSTALL ALL GROUNDING PROVISIONS FOR JUNCTION BOXES TO BE CONNECTED TO STATION GRID. CONNECT 7#5 COPPERWELD TO EXTERIOR OF JUNCTION BOX AND #8 COPPER OR LARGER FROM 3/8" INTERIOR BOLT TO 7#5 COPPERWELD SPLIT BOLT
- 2. CONTRACTOR IS RESPONSIBLE FOR THE WIRING OF ALL SUBSTATION YARD EQUIPMENT AS LISTED IN THE SPECIFICATIONS, INCLUDING JUNCTION BOXES, CIRCUIT BREAKERS, YARD PANELS, ETC. THE CONTRACTOR SHALL NOTIFY THE ONSITE JEA PROJECT REPRESENTATIVE OR PROJECT MANAGER TO REQUEST DETAILED INTERCONNECTION DRAWINGS TWO WEEKS IN ADVANCE OF NEED.
- CONTRACTOR TO PROVIDE ALL HARDWARE FOR MOUNTING TERMINAL BLOCKS INTO NEMA ENCLOSURE.



ISSUED FOR REVIEW

DATE PROJ# REVISION DESCRIPTION REVIEW 07/29/25 8009570 ISSUED FOR 90% REVIEW BMCD BTM DATE 07/29/2025 BY JB REVIEW BTM DRAFTING DATE 07/29/2025 BY KN

REVIEW

JB

ELECTRICAL DETAILS

MILLER SUBSTATION INSTALLATION

ML2024-ED2.dgn

DRAWING SET:

ML2024

2 OF 2

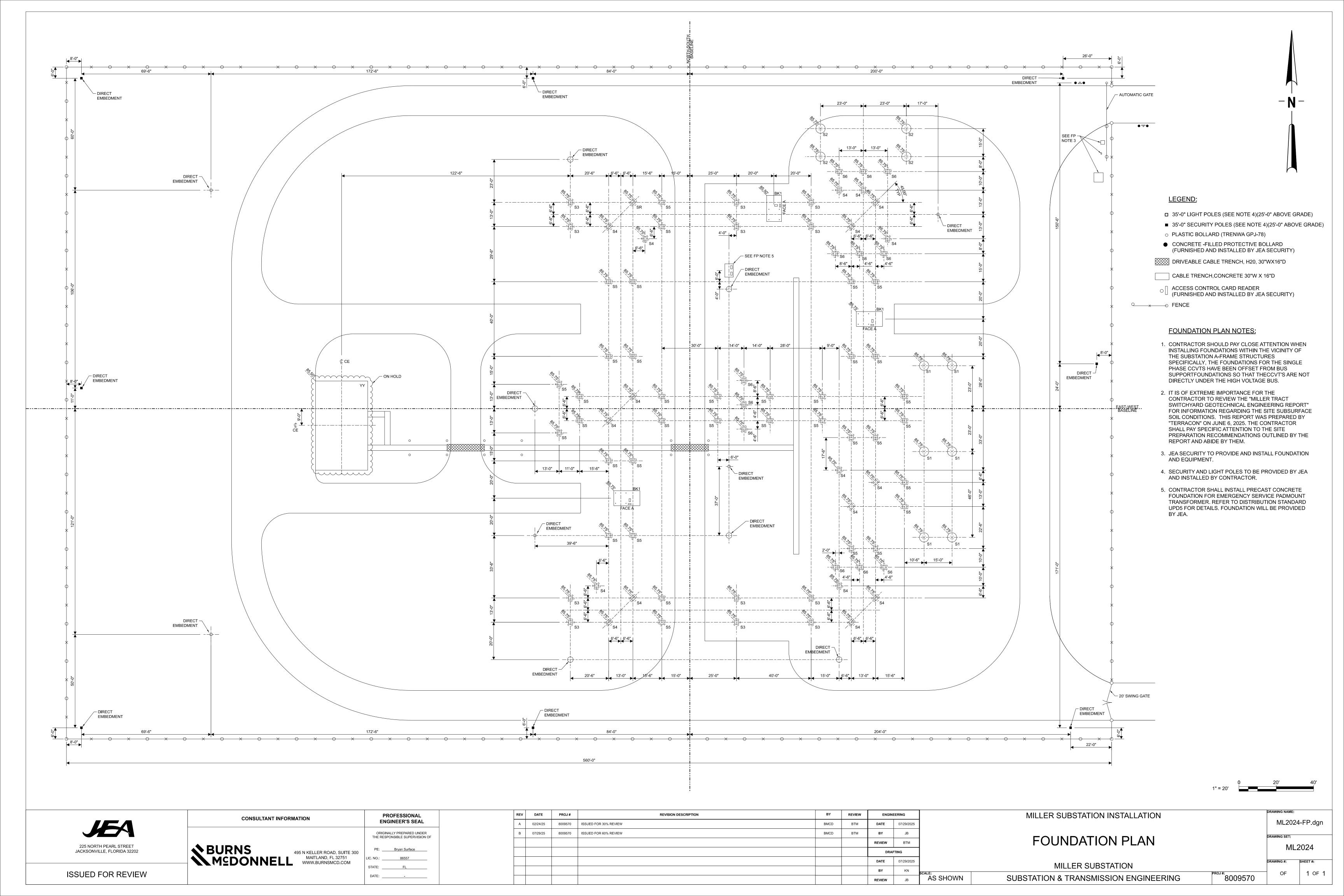
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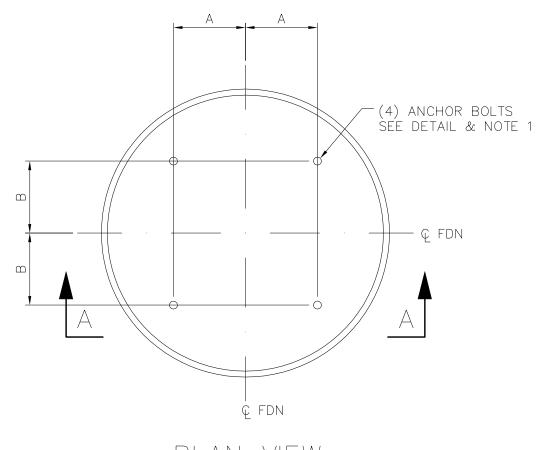
MILLER SUBSTATION

SUBSTATION & TRANSMISSION ENGINEERING

PROJ #: 8009

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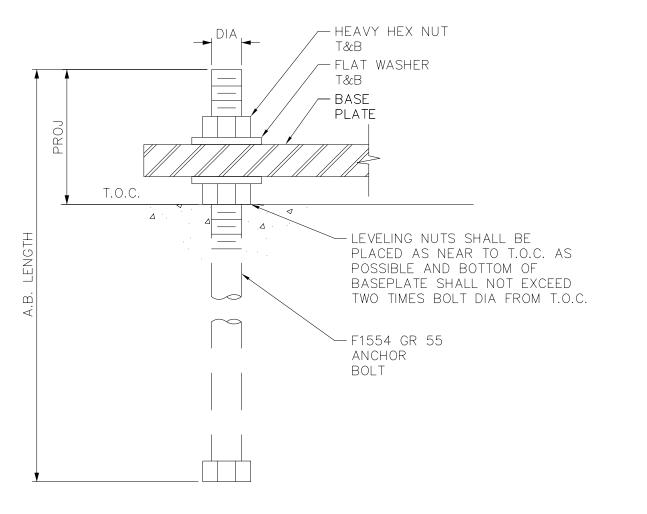




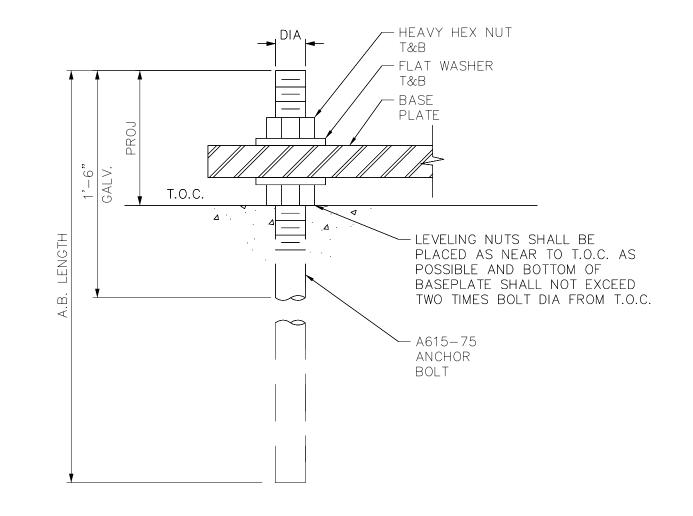
SEE DETAIL & NOTE I
Q FDN
<u>Plan view</u>

1	CRUSHED —		"n" "Z
	CRUSHED ROCK SUBGRADE		
LENGTH	<b>B</b>		B
•			3" CLR VARIES

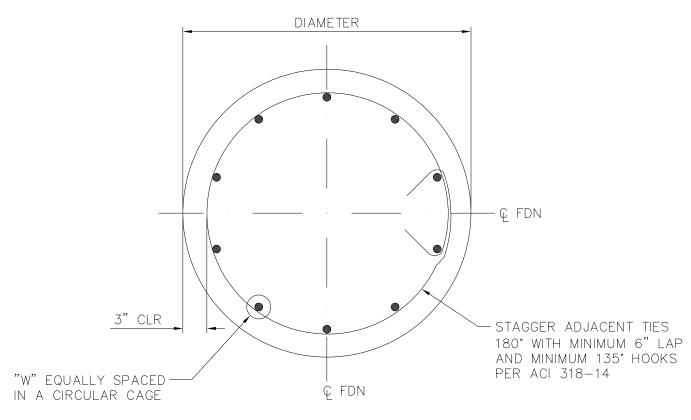
(1) ADDITIONAL SHERE TIE







<u> Detail 2 — Anchor Bolt</u>



SECTION B-B SCALE: NONE

FDN ITEM

S3

S4

S5

S6

### NOTES:

DRILLED SHAFT FOUNDATION SCHEDULE

FOUNDATION REINFORCEMENT

(21) - #11 | (24) - #4 @ 6" | (19) - #4 @ 12" | --

(15) - #8 | (10) - #4 @ 6" | (12) - #4 @ 12" | 8"

(15) - #8 | (10) - #4 @ 6" | (8) - #4 @ 12" | 8" |

(15) - #8 | (9) - #4 @ 6" | (5) - #4 @ 12" | 6"

"Y"

| (21) - #11 | (20) - #4 @ 6" | (38) - #4 @ 12" | -- | -- | 2-1/4" |

 (15) - #8
 (9) - #4 @ 6"
 (8) - #4 @ 12"
 8"
 8"
 1-1/4"

FOUNDATION DIMENSIONS

LENGTH

48'-6"

13'-0"

10'-0"

DIAMETER

6'-0"

6'-0"

3'-6"

3'-6"

3'-6"

3'-6"

QTY

DESCRIPTION

DEADEND 2-BAY FOUNDATION

DEADEND SINGLE BAY FOUNDATION

HIGH SWITCH SUPPORT FOUNDATION

LOW DIAGONAL/1PH BUS SUPPORT FOUNDATION

SWITCH/BUS/SSVT SUPPORT FOUNDATION

CCVT SUPPORT FOUNDATION

1. ANCHOR BOLTS AND TEMPLATES FOR DRILLED SHAFT FOUNDATIONS SHALL BE PROVIDED BY STEEL SUPPLIER AND INSTALLED BY FOUNDATION CONTRACTOR (UNLESS NOTED

ANCHOR BOLT DETAILS (SEE NOTE 1)

A.B. LENGTH PROJ

8'-0"

3'-0"

DIA

-- | 2-1/4"

REMARKS

NOTE 6

ML2024-FD1.dgn

10F 3

11" SEE DETAIL 2

11" SEE DETAIL 2

7 1/2" | SEE DETAIL 1

| 7 1/2" | SEE DETAIL 1,

6 1/4" | SEE DETAIL 1

5" SEE DETAIL 1

- 2. CONCRETE COVER FOR REINFORCING SHALL BE 3" (UNLESS NOTED OTHERWISE).
- 3. 3/4" CHAMFER ON ALL EXPOSED EDGES (UNLESS NOTED OTHERWISE).
- 4. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH (f'c) OF 4000 PSI.
- 5. ALL REINFORCING BARS SHALL CONFORM WITH ASTM A615, GRADE 60.
- 6. SEE FOUNDATION PLAN FOR PROPER ORIENTATION OF ANCHOR BOLT PATTERN

#### <u>reference drawings:</u>

ML2024-FP - FOUNDATION PLAN

	_
225 NORTH PEARL STREET JACKSONVILLE, FLORIDA 32202	

ISSUED FOR REVIEW

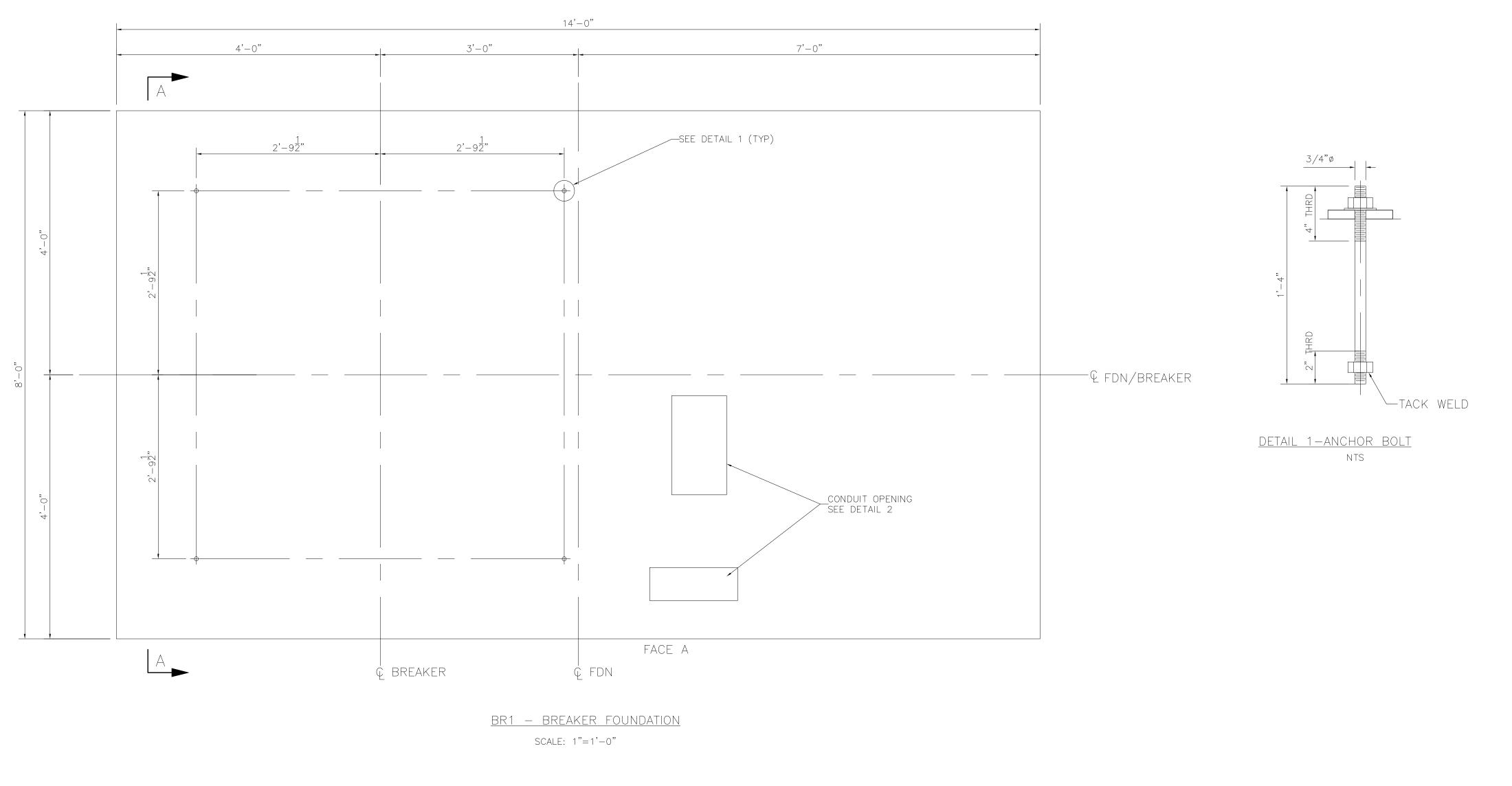
CONSULTANT INFOR	MATION	_ ·	PROFESSIONAL NGINEER'S SEAL
<b>NEDONNELL</b>	495 N KELLER ROAD, SUITE 300 MAITLAND, FL 32751 WWW.BURNSMCD.COM		BINALLY PREPARED UNDER SPONSIBLE SUPERVISION OF  Bryan Surface  86557  FL  -

SCALE: NONE

								_
REV	DATE	PROJ#	REVISION DESCRIPTION	BY	REVIEW	ENGINEERING		
А	07/29/2025	8009570	ISSUED FOR 90% REVIEW	вмср	GTD	DATE	05/14/2025	
						ВҮ	BS	
						REVIEW	GTD	
						DRAF		
						DATE	05/14/2025	
						ВҮ	АМ	SCALE:
						REVIEW	BS	

MILLER SUBSTATION INSTALLATION	
FOUNDATION DETAILS	

FOUNDATION DETAILS	DRAWING SET: ML2024			
MILLER SUBSTATION	DRAWING #:	SHEET #:		
SUBSTATION & TRANSMISSION ENGINEERING 8009570	OF	10F;		

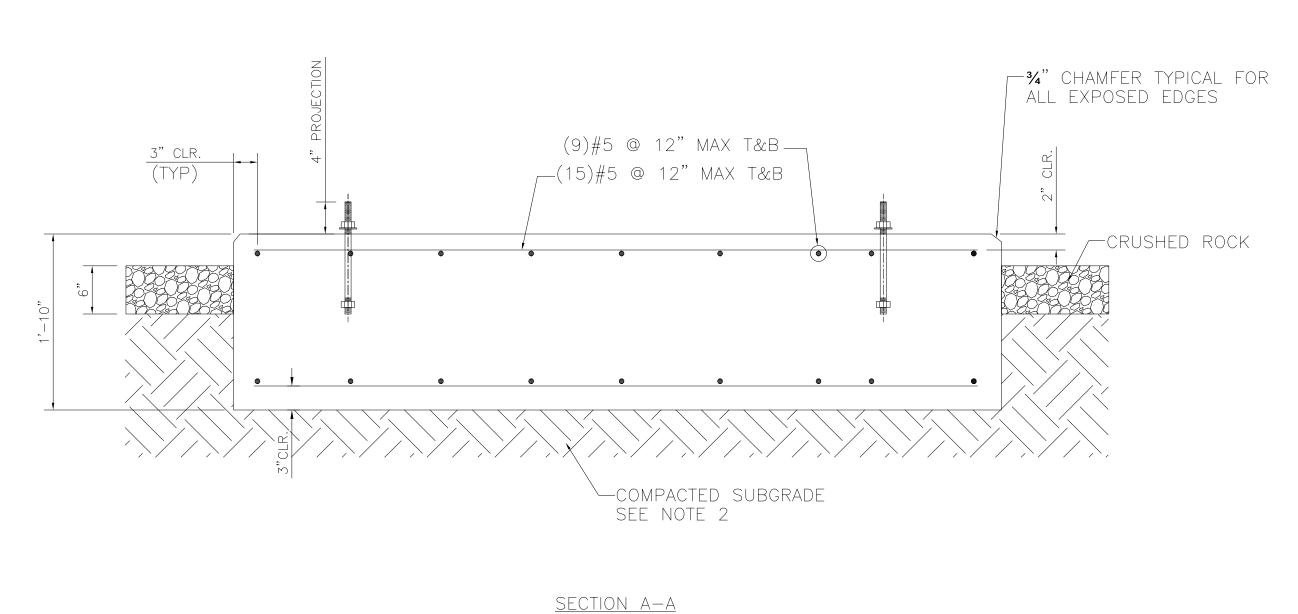


#### NOTES:

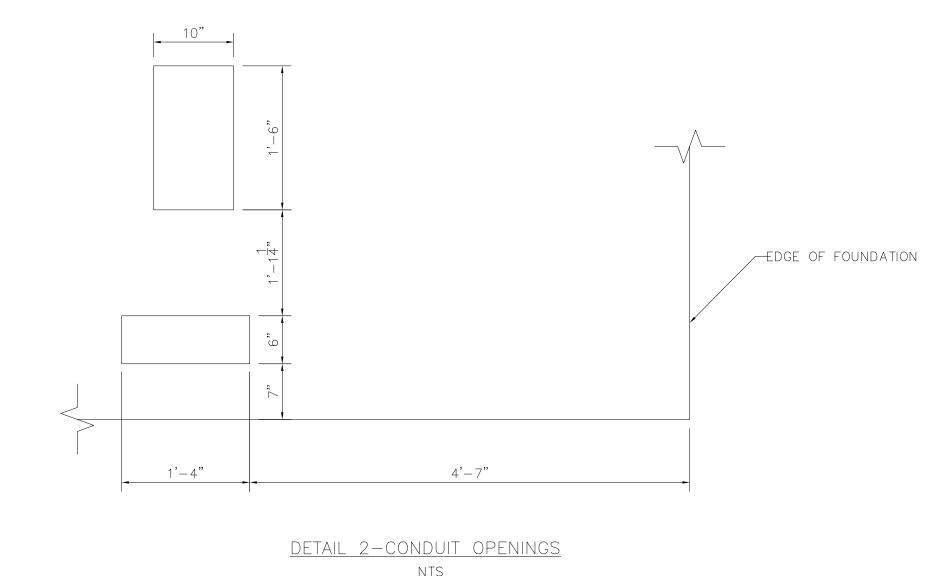
- 1. ALL BACKFILL AROUND SLAB FOUNDATION SHALL BE SLOPED TO DIRECT RUNOFF AWAY FROM FOUNDATION.
- 2. SUBGRADE SHALL BE COMPACTED TO A MINIMUM 95% OF MATERIAL'S MODIFIED PROCTOR PER ASTM D-1557 MAXIMUM DRY DENSITY. COMPACTED SUBGRADE SHOULD BE MAINTAINED WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT. IF EXCAVATION REMAINS OPEN OVERNIGHT OR A RAIN EVENT HAPPENS AFTER THE SUBGRADE IS COMPACTED, THE SUBGRADE SHALL BE RE-COMPACTED TO THE ABOVE REQUIREMENTS BEFORE PLACING CONCRETE.
- 3. FOUNDATION DESIGNED FOR AN ALLOWABLE SOIL BEARING 2000 PSF PER GEOTECHNICAL REPORT PROVIDED BY TERRACON DATED MAY 21, 2025.
- 4. CONTRACTOR SHALL INSTALL REBAR REINFORCEMENT WITH ANCHOR BOLT LOCATIONS IN MIND TO AVOID INTERFERENCE.
- 5. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'c) OF 4000 PSI.
- 6. ALL REINFORCING BARS SHALL CONFORM WITH ASTM A615, GRADE 60.
- 7. ALL ABOVE GRADE FOUNDATION SURFACES SHALL BE STEEL TROWEL FINISHED, UNLESS NOTED OTHERWISE.
- 8. FOR ANCHOR BOLTS:
  A. ANCHOR BOLTS SHALL BE ASTM F1554 GRADE 55.
  B. ANCHOR BOLTS SHALL BE HOT-DIPPED GALVANIZED PER ASTM F2329
  C. NUTS SHALL BE ASTM A563, GALVANIZED
  D. WASHERS SHALL BE ASTM F436
- 9. ANCHOR BOLTS TO BE FURNISHED AND INSTALLED BY FOUNDATION CONTRACTOR

#### <u>reference drawing:</u>

ML2024-FP - FOUNDATION PLAN



SCALE: 1"=1'-0"



1"=1'-0"

	CONSULTANT INFORMATION	PROFESSIONAL	REV	DATE	PROJ#	REVISION DESCRIPTION	ву	(	REVIEW	ENGIN'	NEERING	
	CONSCERNITION	ENGINEER'S SEAL	A	07/29/2025	8009570	ISSUED FOR 90% REVIEW	ВМС	CD	GTD	DATE	05/14/2025	
		ORIGINALLY PREPARED UNDER THE RESPONSIBLE SUPERVISION OF								BY	BS	
225 NORTH PEARL STREET	<b>A B</b> 11 <b>B</b> 11 <b>B</b>									REVIEW	GTD	
JACKSONVILLE, FLORIDA 32202	BURNS 495 N KELLER ROAD, SUITE 3									DRA	AFTING	
	MCDONNELL MAITLAND, FL 32751 WWW.BURNSMCD.COM									DATE	05/14/2025	
ISSUED FOR REVIEW		STATE:FL								BY	AM SCA	ALF:
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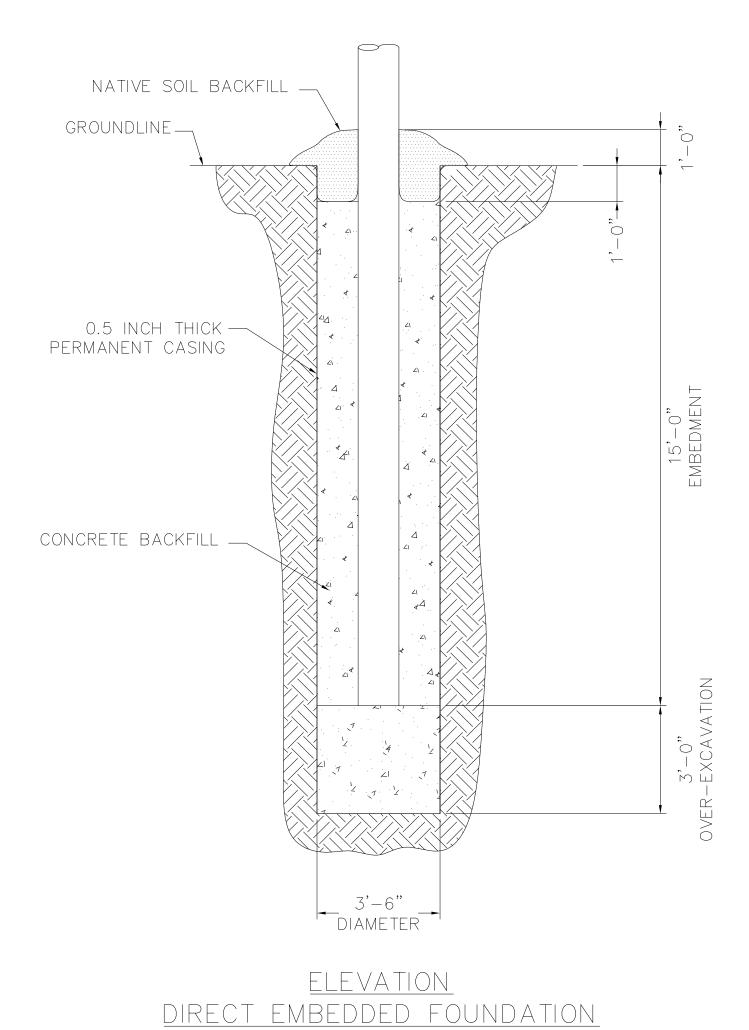
	MILLER SUBSTATION INSTALLATION	ML2024-FD	2
F	FOUNDATION DETAILS	DRAWING SET: ML202	4
		DRAWING # SHEE	Τí

MILLER SUBSTATION

SUBSTATION & TRANSMISSION ENGINEERING

PROJ #: 8009570

OF 20F 3

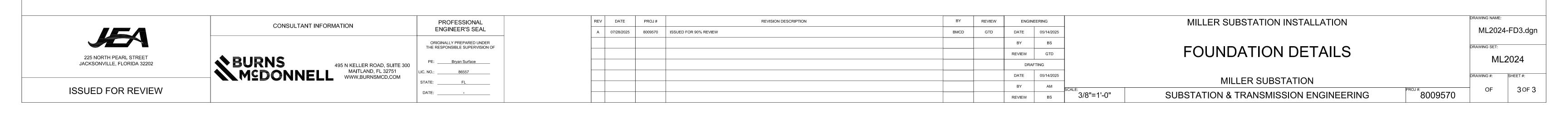


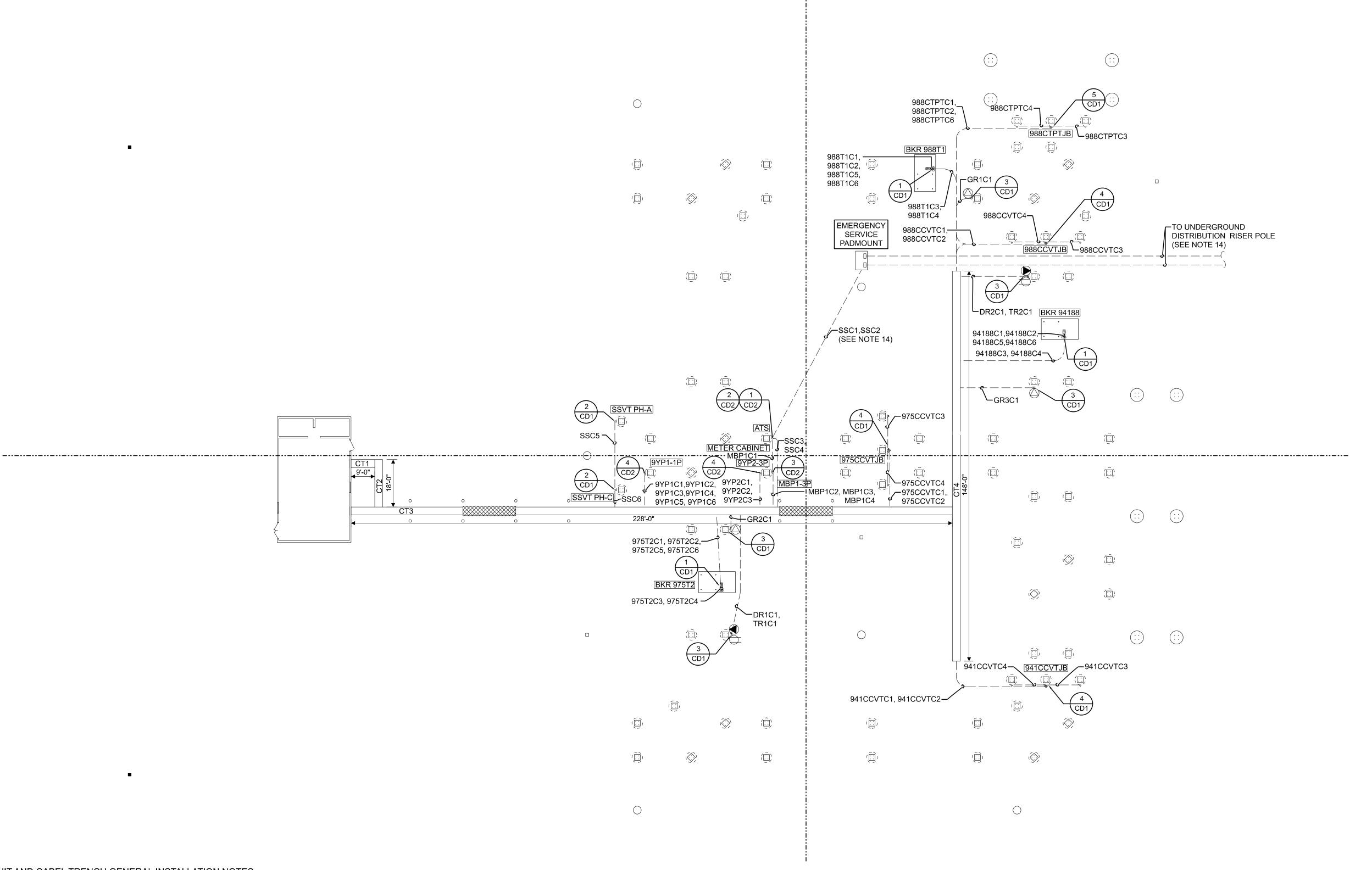
# NOTES:

- 1. CONTRACTOR SHALL PROVIDE AND INSTALL COMPACTED STRUCTURAL FILL. STRUCTURAL FILL MATERIAL SHOULD CLASSIFY AS SP, SP-SM, OR COARSER. STRUCTURAL FILL SHALL BE COMPACTED TO A MINIMUM 98% OF MATERIAL'S MODIFIED PROCTOR PER ASTM D-1557 MAXIMUM DRY DENSITY IN UNIFORM LIFTS OF MAXIMUM 12-INCH LOOSE THICKNESS. COMPACTED STRUCTURAL FILL SHOULD BE MAINTAINED WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT. COMPACTED STRUCTURAL FILL SHALL EXTEND AT LEAST 1 FT BELOW BOTTOM OF FOUNDATION AND 1 FT BEYOND THE EDGES OF ALL SLAB FOUNDATIONS. IF EXCAVATION REMAINS OPEN OVERNIGHT OR A RAIN EVENT HAPPENS AFTER THE SUBGRADE IS COMPACTED, THE SUBGRADE SHALL BE RE-COMPACTED TO THE ABOVE REQUIREMENTS BEFORE PLACING CONCRETE.
- 2. FOUNDATION DESIGNED FOR AN ALLOWABLE SOIL BEARING 2500 PSF PER GEOTECHNICAL REPORT PROVIDED BY TERRACON DATED MAY 21, 2025.
- 3. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH (f'c) OF 4000 PSI.
- 4. ALL ABOVE GRADE FOUNDATION SURFACES SHALL BE STEEL TROWEL FINISHED, UNLESS NOTED OTHERWISE.

REFERENCE DRAWING:

ML2024-FP - FOUNDATION PLAN





#### **CONDUIT AND CABEL TRENCH GENERAL INSTALLATION NOTES:**

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING ALL CONDUIT AND CABLE, AS LISTED IN THE CONDUIT AND CABLE SCHEDULES. THE CONDUIT LOCATIONS SHOWN ON THIS DRAWING ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL VERIFY THE FINAL CONDUIT RISER LOCATION USING THE EQUIPMENT MANUFACTURER'S FINAL APPROVED DRAWINGS.
- 2. THE CONDUIT ROUTING SHOWN ON THIS DRAWING WAS DESIGNED TO MINIMIZE TRENCHING WHILE REDUCING LENGTHS OF CABLE AND CONDUIT. HOWEVER, WITH THE APPROVAL OF THE PROJECT ENGINEER, THE CONTRACTOR MAY CHOOSE TO FIND OTHER ROUTINGS FOR CONDUITS, PROVIDED THAT SUCH ROUTINGS DO NOT CAUSE A COST INCREASE FOR ADDITIONAL CABLE OR CONDUIT. SUCH CHANGES, IF ANY, SHALL BE NOTED ON THE AS-BUILT DRAWINGS.
- 3. THE CONTRACTOR SHALL FURNISH AND INSTALL THE PRECAST CABLE TRENCH, THIRTY(30") INCHES NOMINAL INSIDE WIDTH AND SIXTEEN (16") INCHES NOMINAL INSIDE DEPTH, IN THE LOCATION AS SHOWN.
- 4. THE CONTRACTOR SHALL SUPPLY ALL SERVICE PANELS WITH BREAKERS, NEMA 3R ENCLOSURE, HINGED COVER, AND HARDWARE TO COMPLETE THE INSTALLATIONS DEPICTED IN DETAIL DRAWINGS. THE CONTRACTOR SHALL ALSO SUPPLY ALL JUNCTION/FUSE BOXES TO COMPLETE THE INSTALLATIONS DEPICTED IN DETAIL DRAWINGS.

- 5. WIRING DETAILS FOR THE SERVICE PANELS, THE AUTOMATIC TRANSFER SWITCH, MAIN BREAKER PANEL, AND THE SSVT/FUSE BOXES ARE PROVIDED ON DRAWING LV1.
- 6. THE AUTOMATIC TRANSFER SWITCH SHALL BE FURNISHED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL TRANSPORT THE TRANSFER SWITCH TO THE JOB SITE FROM A LOCATION WITHIN JACKSONVILLE TO BE SPECIFIED BY THE PROJECT REPRESENTATIVE.
- 7. ALL CABLES SHALL BE CLEARLY LABELED AT BOTH ENDS AND AT ALL ENTRANCE AND EXIT POINTS TO THE CABLE TRENCH. ALL CONDUIT RUNS SHALL ALSO BE CLEARLY LABELED AT BOTH ENDS. REFER TO SPECIFICATION SECTION 8.2 FOR LABELING DETAILS
- 8. ALL CONDUIT ENDS SHALL BE SEALED WITH AN EXPANDING WATERPROOF FOAM SPRAY TO KEEP THE CONDUIT FREE FROM DIRT AND OTHER FOREIGN MATERIAL. ALL CONDUIT MATERIALS SHALL BE THOSE SPECIFIED IN THE CONDUIT SCHEDULE. ABOVE GRADE CONDUIT SHALL BE INSTALLED TO CLOSELY CONFORM TO THE FOUNDATION AND STRUCTURE TO WHICH IT IS STUBBED. AFTER THE INSTALLATION AND BACKFILLING OF THE UNDERGROUND CONDUITS, THE CONTRACTOR SHALL COMPACT THE AREA TO THE SAME DENSITY, AND WITH SIMILAR MATERIAL, AS THE ADJACENT UNDISTURBED MATERIALS.
- 9. ALL CONDUIT ENTRY POINTS INTO THE CABLE TRENCH SHALL BE CONSTRUCTED AS DEPICTED IN DETAIL 8 ON CONDUIT DETAIL DRAWING CD2, UNLESS SPECIFIED OTHERWISE.
- 10. MOUNTING BRACKETS HAVE BEEN SUPPLIED ON THE STRUCTURES FOR MOST OF THE RECEPTACLES, FUSE BOXES, PANEL CABINETS OR JUNCTION BOXES. THE CONTRACTOR SHALL SUPPLY ALL HARDWARE NESSECARY FOR FASTENING THE RECEPTACLES WITH BOXES TO THE MOUNTING BRACKETS. FOR THOSE STRUCTURES WHICH DO NOT INCLUDE MOUNTING BRACKETS FOR THE REMAINING RECEPTACLES, PANEL CABINATE OR JUNCTION BOXES, THE CONTRACTOR SHALL SUPPLY ALL GALVANIZED OR STAINLESS STEEL HARDWARE, SUPPORT CHANNELS/FITTINGS NESSECARRY TO MOUNT THE ITEMS TO THE STRUCTURES WITHOUT PENETRATING THE STRUCTURE SURFACES. THIS MAY INCLUDE BACK TO BACK UNISTRUT, ETC.
- 11.CONTRACTOR SHALL CONFIRM RECEPTACLE MOUNTING BRACKET LOCATION ON STRUCTURAL STEEL BEFORE INSTALLING CONDUIT RUN.
- 12. ELBOW RADIUS FOR 2", 3" & 4" CONDUITS TO BE 24", UNLESS OTHER WISE NOTED. ALL 6" CONDUIT ELBOWS SHALL HAVE A 36" RADIUS.
- 13.HANDHOLES TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR TO INSTALL HANDHOLES PER SPECIFICATIONS REQUIREMENTS AND IN THE APPROXIMATE LOCATIONS SHOWN ON THIS DRAWINGS.

- LEGEND:
- — CONDUIT RUN, SEE NOTE 1
- CABLE TRENCH CONCRETE 30"W X 16"D
- raket DRIVEABLE CABLE TRENCH, H20, 30" W X 16" D
- 240 VOLT GAS CART/VACUUM RECEPTACLE, 60A, THREE PHASE, 4-WIRE RUSSELLSTOLL TYPE SCA, CATALOG NO. 3324-78
- 240 VOLT TRUCK RECEPTACLE 60A, SINGLE PHASE, 3-WIRE RUSSELLSTOLL TYPE SCA, CATALOG NO. 3323-78.
- 120 VOLT DUPLEX RECEPTACLE, 20A, DUPLEX, GROUNDING TYPE WITH WEATHERPROOF COVER.
- XXXXXXX EQUIPMENT IDENTIFICATION NUMBER

14.CONTRACTOR SHALL FURNISH AND INSTALL CONDUIT FOR EMERGENCY (BACKUP) STATION SERVICE FROM DISTRIBUTION PADMOUNT TRANSFORMERS TO 10 FEET OUTSIDE SUBSTATION FENCE

15. CONTRACTOR SHALL INSTALL CONDUITS FOR SECONDARY CIRCUITS OF EMERGENCY SERVICE PADMOUNT TRANSFORMER. REFER TO DISTRIBUTION STANDARD UPD5 FOR DETAILS. FOUNDATION WILL BE PROVIDED BY JEA.

ML2024

JACKSONVILLE, FLORIDA 32202

ISSUED FOR REVIEW

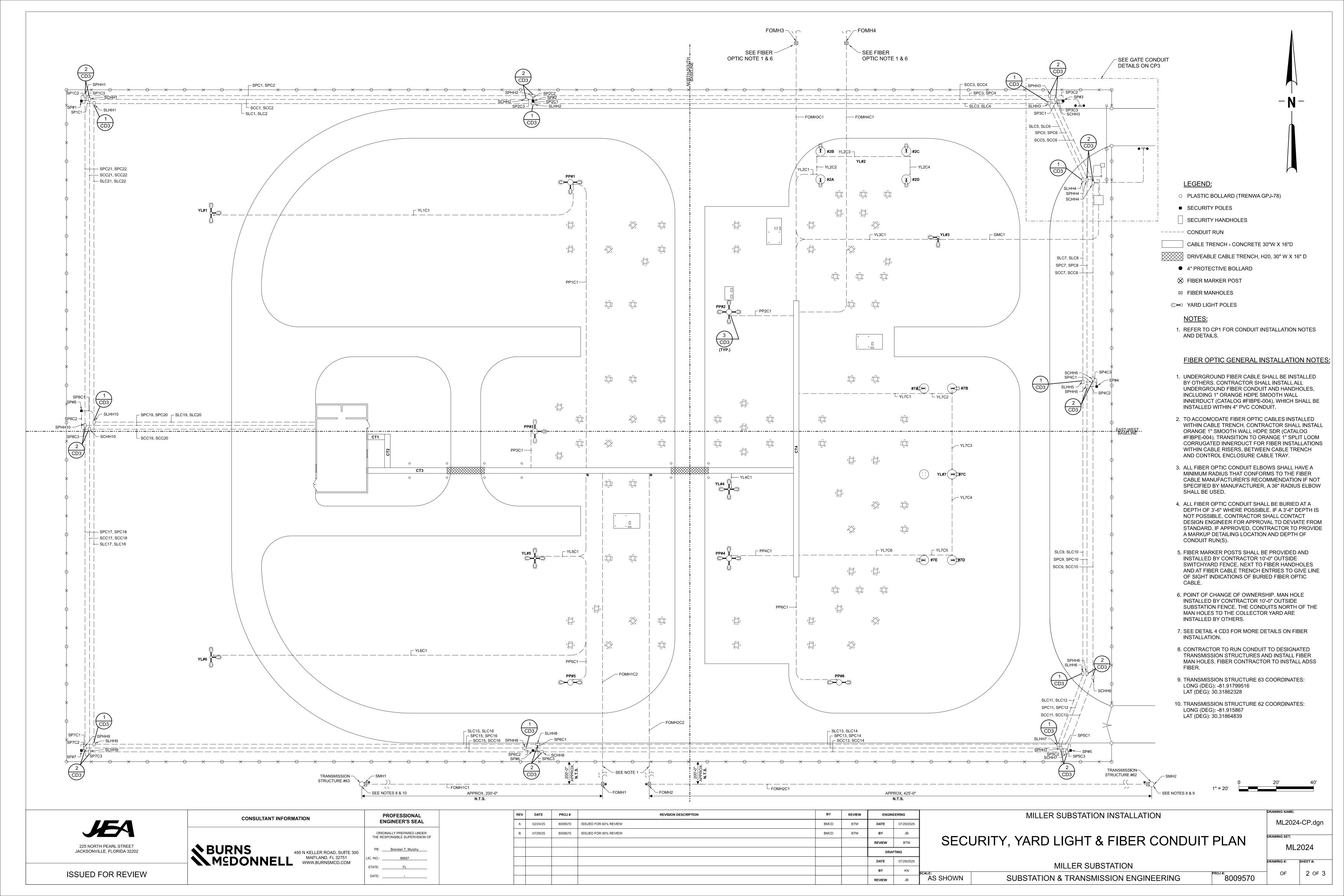
PROFESSIONAL **CONSULTANT INFORMATION ENGINEER'S SEAL** THE RESPONSIBLE SUPERVISION OF **BURNS** PE: Brendan T. Murphy 495 N KELLER ROAD, SUITE 300 MAITLAND, FL 32751 WWW.BURNSMCD.COM

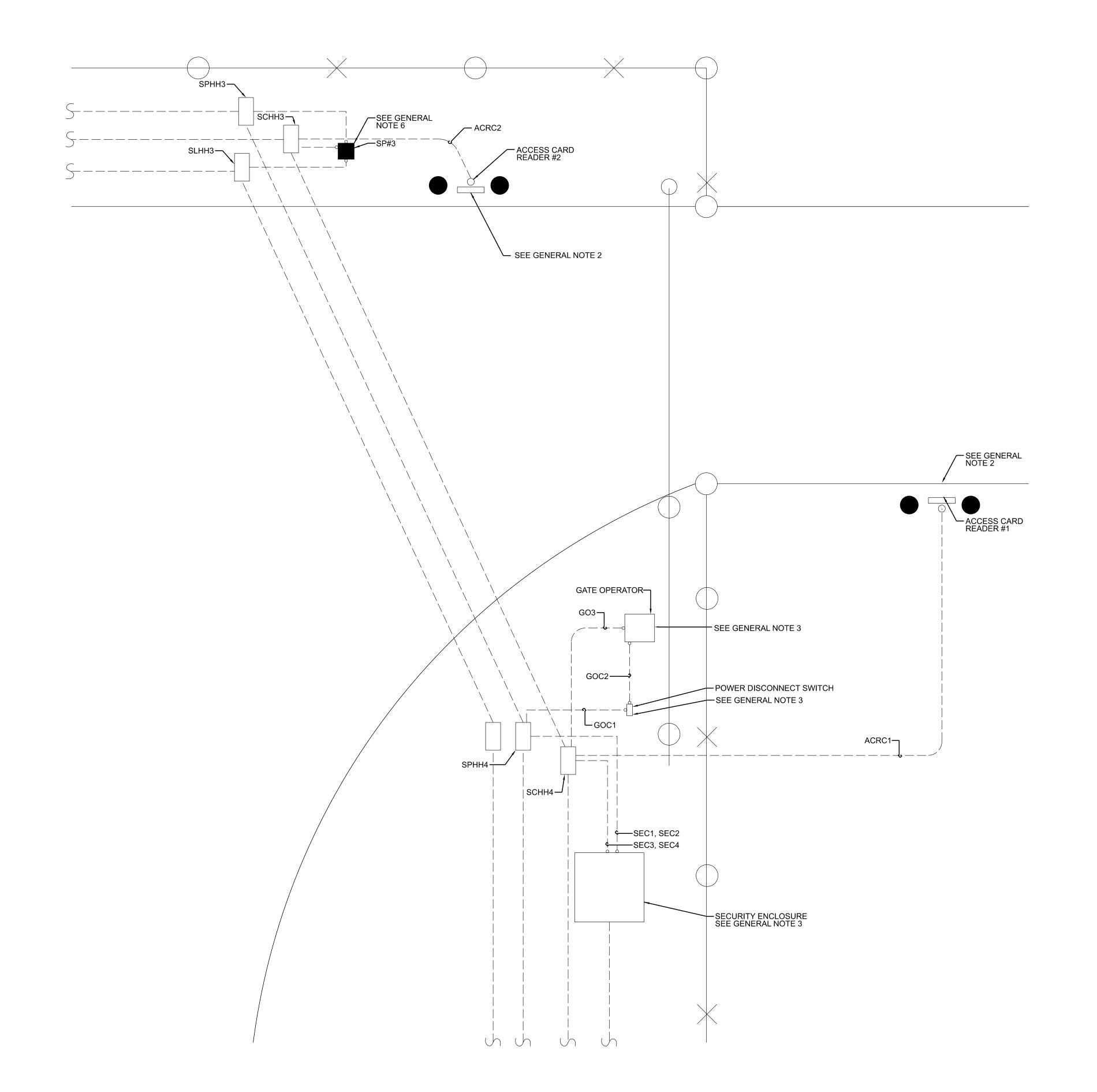
REVIEW ENGINEERING 02/24/25 8009570 ISSUED FOR 60% REVIEW BMCD DATE 07/29/2025 BY 07/29/25 8009570 ISSUED FOR 90% REVIEW REVIEW BTM DRAFTING DATE 07/29/2025 AS SHOWN

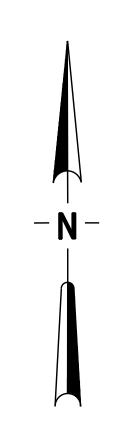
MILLER SUBSTATION INSTALLATION

ML2024-CP.dgn CONDUIT PLAN

DRAWING #: MILLER SUBSTATION OF 1 OF 3 SUBSTATION & TRANSMISSION ENGINEERING 8009570







#### LEGEND:

- 35'-0" SECURITY POLES (25'-0" ABOVE GRADE)
- CONCRETE -FILLED PROTECTIVE BOLLARD (FURNISHED AND INSTALLED BY JEA SECURITY)
- ACCESS CONTROL CARD READER
   (FURNISHED AND INSTALLED BY JEA SECURITY)

#### **GENERAL NOTES:**

- 1. REFER TO DRAWINGS CP1 AND CP2 FOR CONDUIT NOTES AND INSTALLATION DETAILS.
- SEE JEA STANDARD DRAWING ST-5D FOR CARD READER INSTALLATION. CARD READER AND BOLLARDS FURNISHED AND INSTALLED BY JEA SECURITY.
- 3. SEE JEA STANDARD DRAWING ST-5B FOR GATE INFRASTRUCTURE. THE SECURITY ENCLOSURE, POWER DISCONNECT, AND GATE OPERATOR FURNISHED AND INSTALLED BY JEA SECURITY.
- 4. SEE JEA STANDARD DRAWING ST-7A FOR SECURITY ENCLOSURE AND CAMERA ENCLOSURE DETAILS (FURNISHED AND INSTALLED BY JEA SECURITY).
- 5. CONDUITS AND HANDHOLES SHALL BE FURNISHED AND INSTALLED BY CONTRACTOR.
- 6. CAMERA POLES SHALL BE FURNISHED BY JEA AND INSTALLED BY CONTRACTOR.

1/4" = 1'-0"



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BURNS 495 N KELLER ROAD, SUITE 300 MAITLAND, FL 32751 WWW.BURNSMCD.COM		GINALLY PREPARED UNDER ESPONSIBLE SUPERVISION O  Brendan T. Murphy  98687  FL			

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В	07/29/25	8009570	ISSUED FOR 90% REVIEW	BMCD	втм	ВҮ	JB	
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MILLER SUBSTATION INSTALLATION

MOTORIZED GATE CONDUIT PLAN

AS SHOWN

CONDUIT PLAN

DRAWING SET:

ML2024

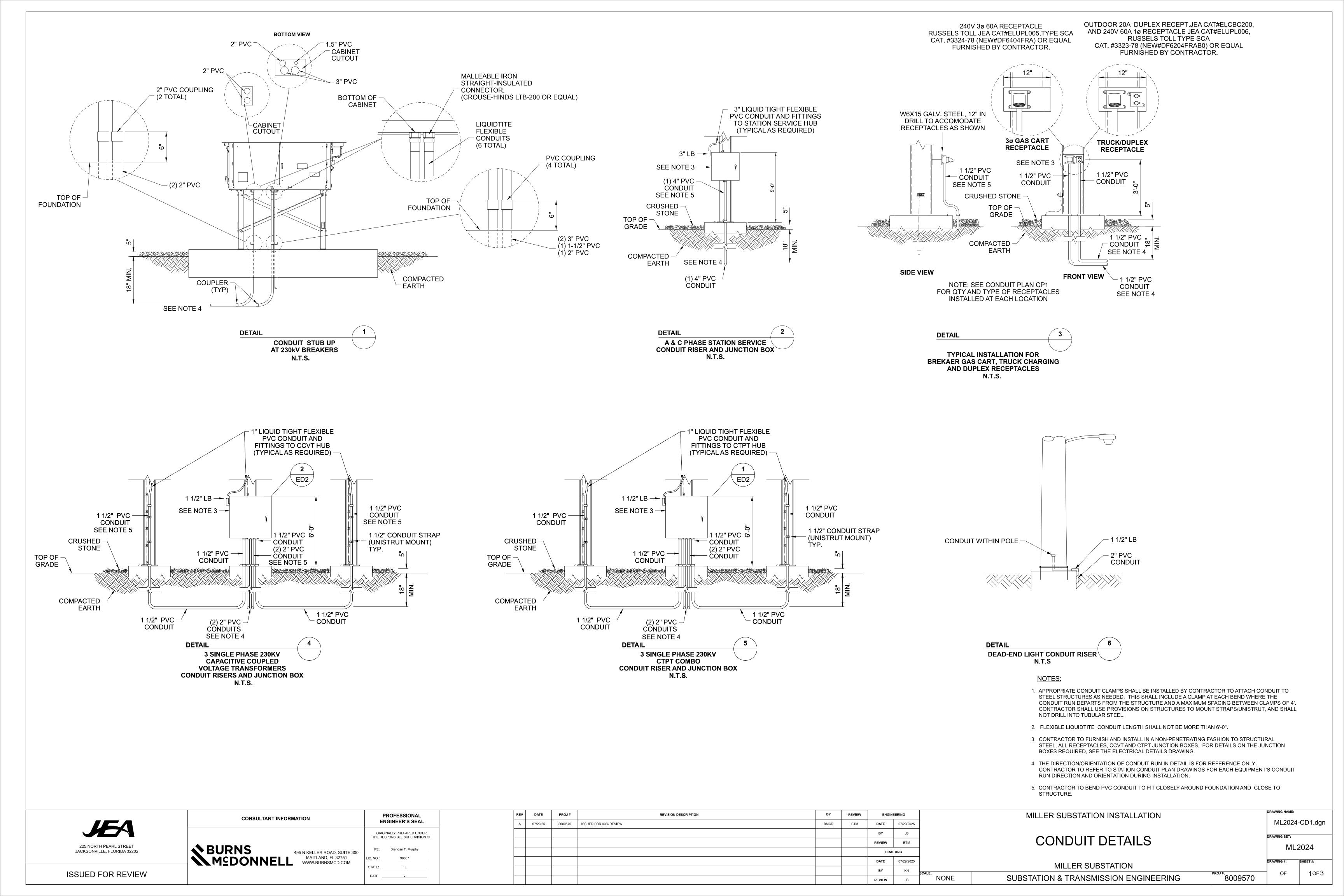
MILLER SUBSTATION	
SUBSTATION & TRANSMISSION ENGINEERING	Pi

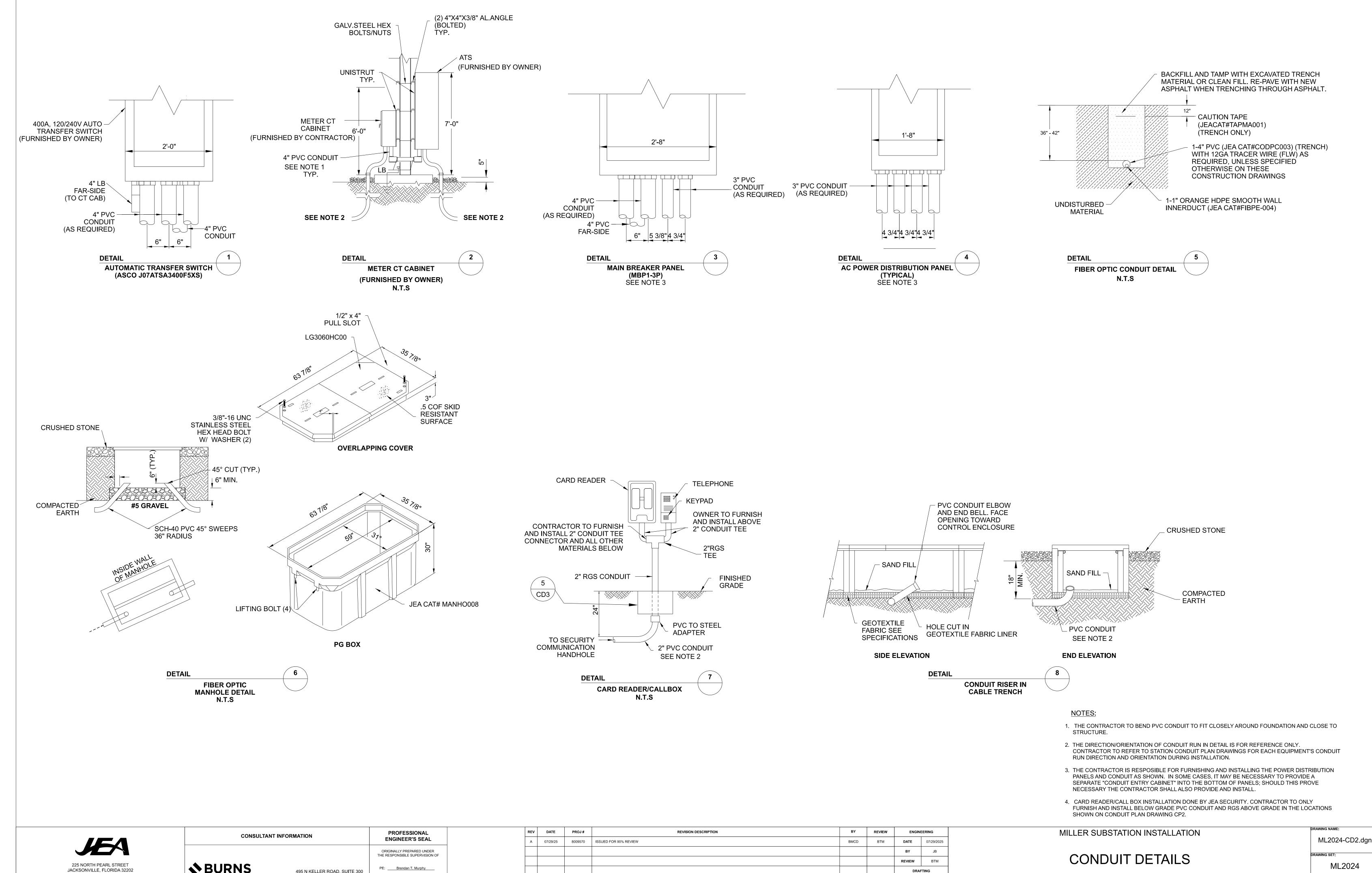
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OF 3 OF 3

ML2024-CP.dgn





225 NORTH PEARL STREET
JACKSONVILLE, FLORIDA 32202

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BY KN

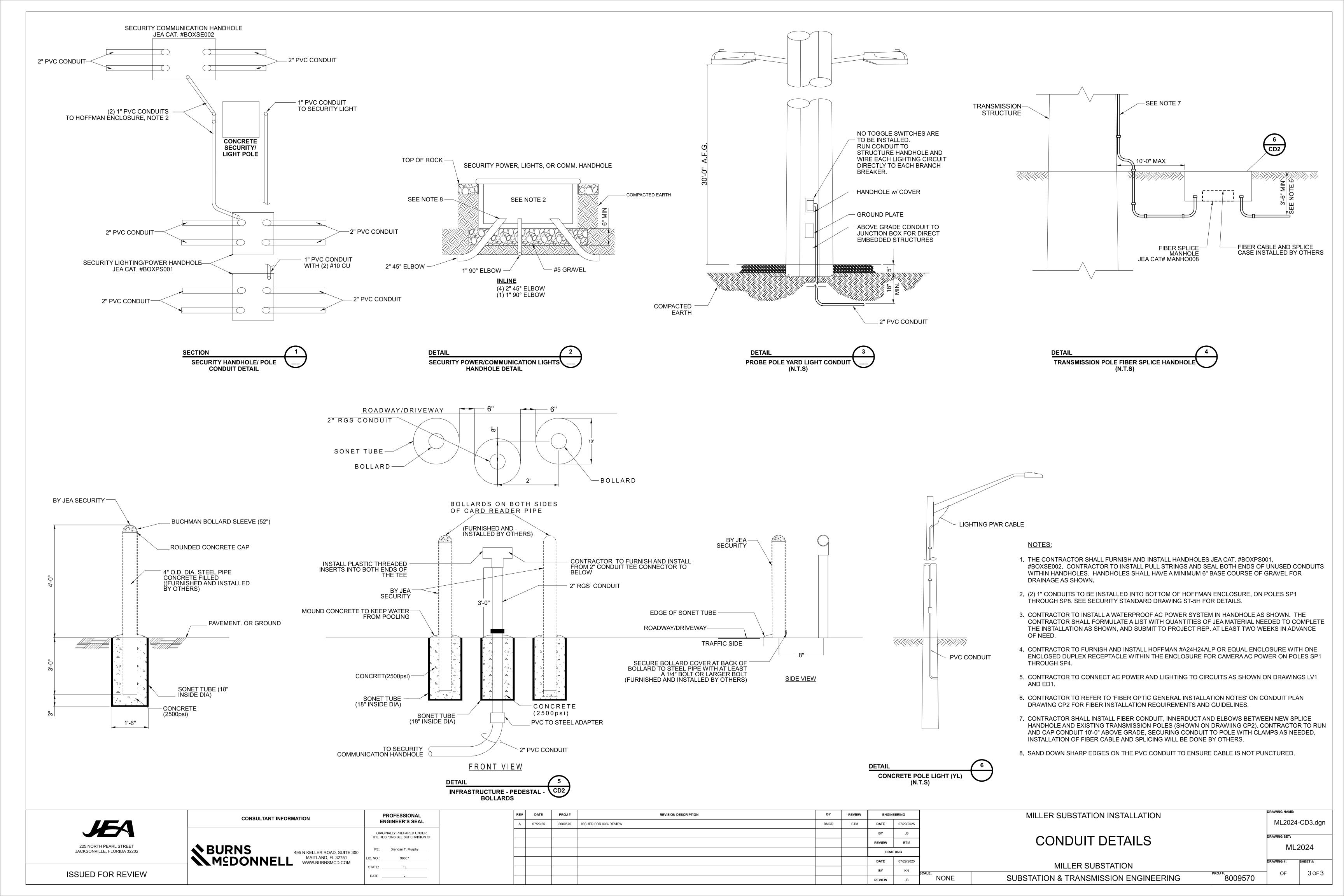
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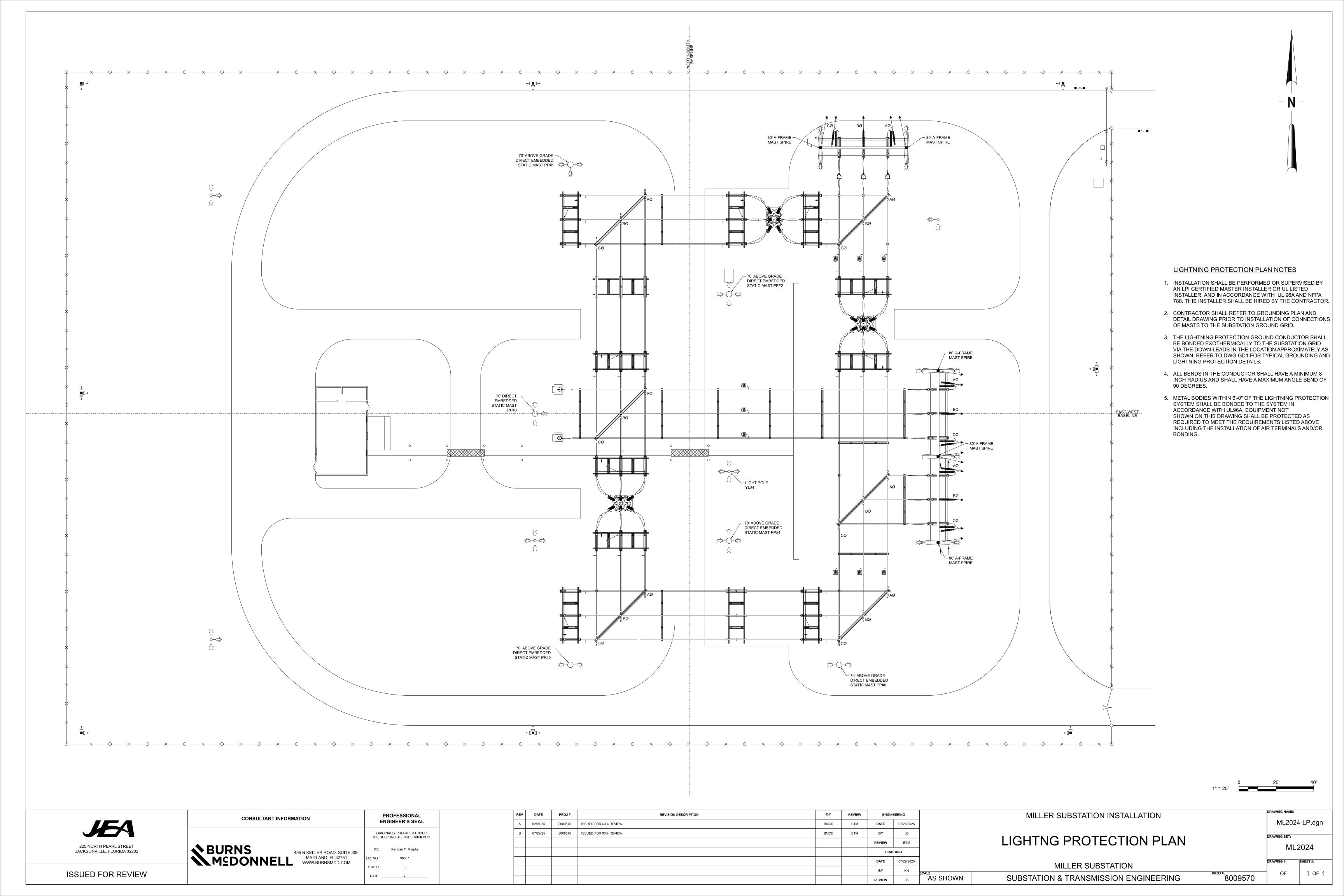
SUBSTATION & TRANSMISSION ENGINEERING

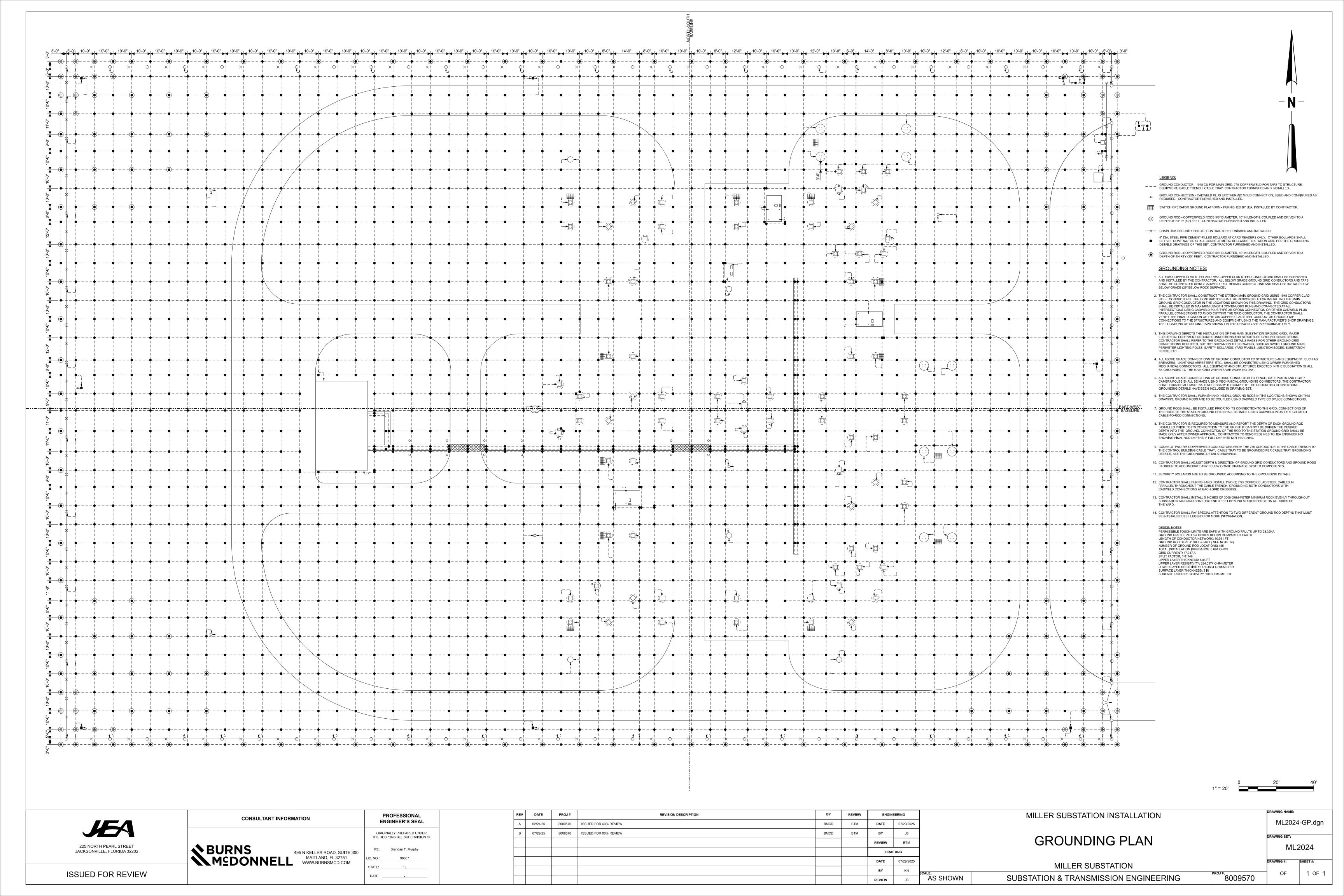
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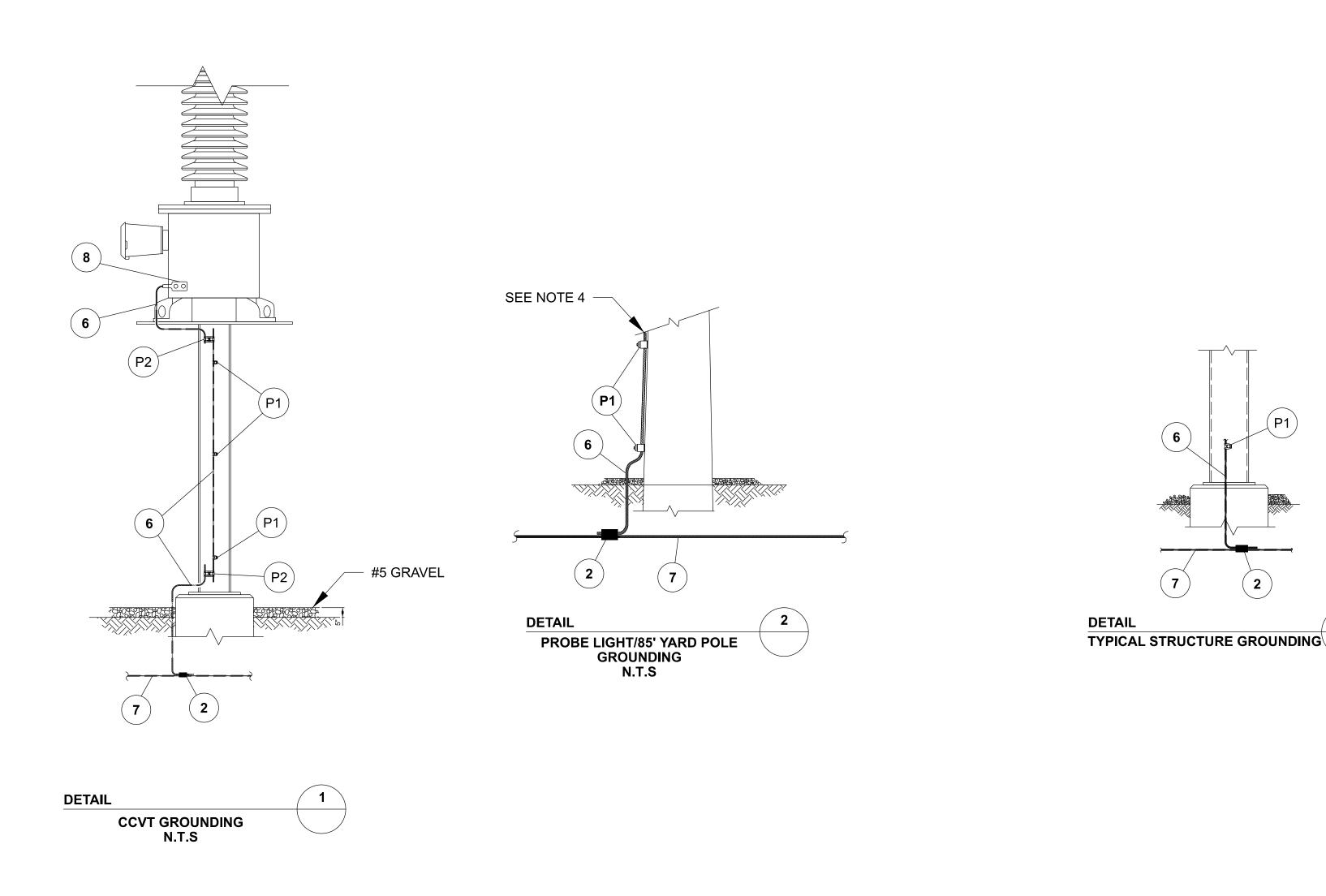
PE: Brendan T. Murphy
UC. NO: 98887
UC. NO: 98887
STATE: FL
OF 2073

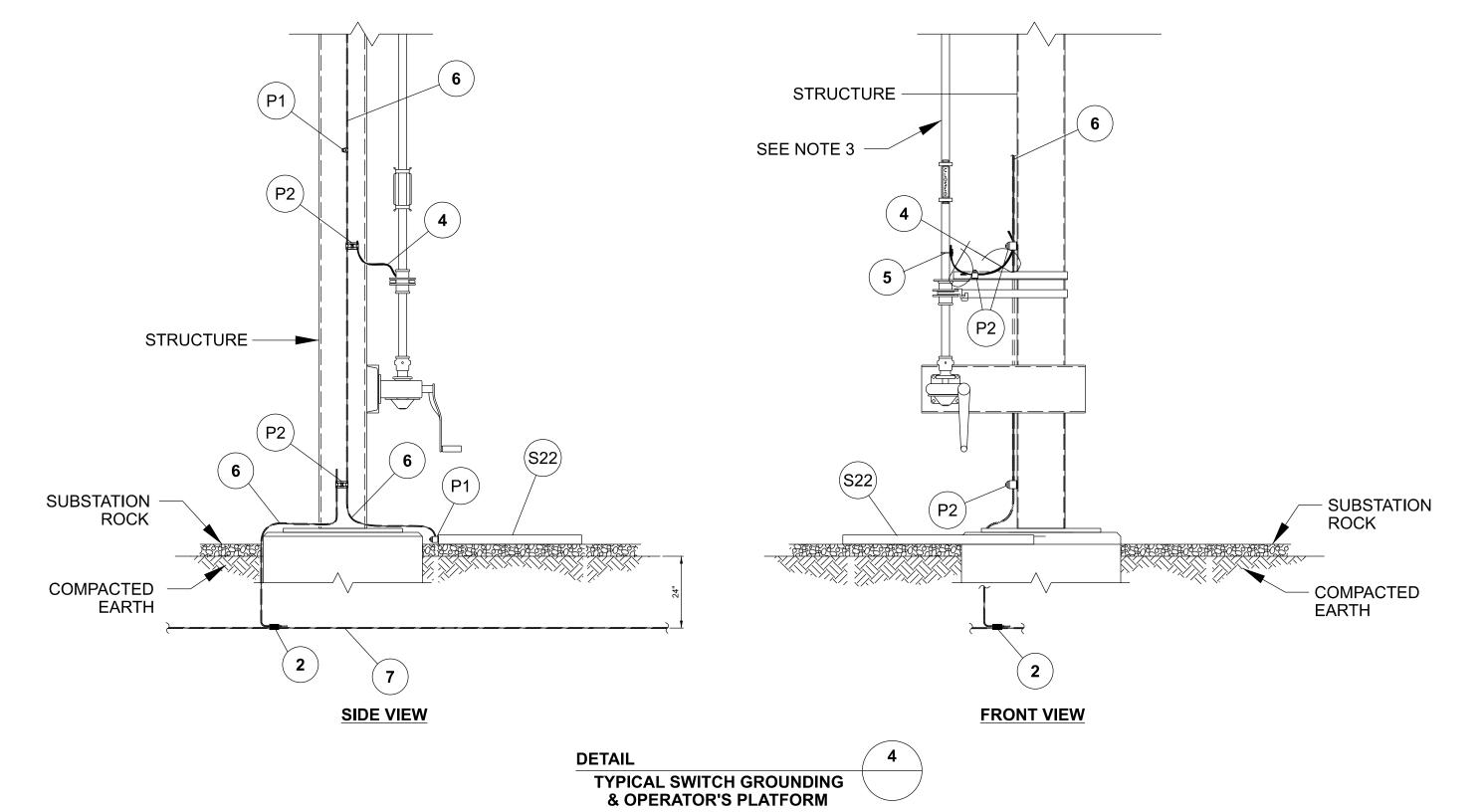
OF 2073











1	WELDED GROUND CONNECTION, CABLE TO CABLE, 19#8 CABLE THROUGH CROSS, CADWELD PLUS MOLD TYPE XBZ9G9G AND (2) #200 WELD METAL AS REQUIRED.
2	WELDED GROUND CONNECTION, 19#8 CABLE MAIN TO 7#5 CABLE TAP, CADWELD PLUS MOLD TYPE TAC3D2V AND (1) #200 WELD METAL AS REQUIRED.
3	WELDED GROUND CONNECTION, 500KCM CABLE TO 19#8 CABLE THROUGH CROSS, CADWELD PLUS MOLD TYPE XBV3Q3D AND (3) #200 WELD METAL AS REQUIRED.
4	FLEXIBLE COPPER BRAID, FURNISHED BY THE SWITCH MFG.
5	GROUND CONNECTOR, BRONZE BOLTED, OPERATOR PIPE TO FLAT, FURNISHED BY THE SWITCH MFG.
6	7#5 COPPERWELD CONDUCTOR, FURNISHED BY THE CONTRACTOR.
7	19#8 COPPERWELD CONDUCTOR, STATION GRID 24" BELOW GRADE FURNISHED BY CONTRACTOR.
8	GROUND CONNECTOR, BRONZE BOLTED, 7#5 COPPERWELD CONDUCTOR TO NEMA 2-HOLE PAD, FURNISHED BY THE OWNER.
P1	GROUND CONNECTOR, BRONZE BOLTED, 7#5 COPPERWELD TO FLAT, ANDERSON CATALOG NO. GC-141A-G2 OR EQUAL, FURNISHED BY THE OWNER.
P2	GROUND CONNECTOR, BRONZE BOLTED, TWO (2) 7#5 COPPERWELD TO FLAT, ANDERSON CATALOG NO. GC-143A-GS OR EQUAL, FURNISHED BY THE OWNER.
S22	SWITCH OPERATOR'S PLATFORM, 4' X 6' GALVANIZED STEEL GRATING, FURNISHED BY THE OWNER.

DESCRIPTION

## NOTES:

SUBSTATION & TRANSMISSION ENGINEERING

- THE CONTRACTOR SHALL GROUND THE SWITCH OPERATOR PIPE DIRECTLY TO THE SWITCH OPERATOR'S PLATFORM AS SHOWN ON THIS DETAIL.
- 2. THE CONTRACTOR SHALL CONNECT EACH COLUMN OF THE SWITCH STRUCTURE TO THE STATION GROUND GRID. THE COLUMNS SHALL NOT BE CONNECTED TO THE SAME GRID CONDUCTOR, WHERE POSSIBLE.
- SWITCH OPERATOR LOCATION SHOWN FOR REFERENCE AND MAY VARY DEPENDING ON SWITCH MANUFACTURER DESIGN.
- 4. THE CONTRACTOR SHALL INSTALL 7#5 CCS GROUND CABLE THE LENGTH OF SHIELD MAST USING BOLTED CONNECTORS AT EACH GROUND TAB PROVISION ON STRUCTURE.



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CONSULTANT INFORMATION	PROFESSIONAL ENGINEER'S SEAL
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<b>BURNS</b> 495 N KELLER ROAD, SUITE	PE: Brendan T. Murphy
MSDONNELL MAITLAND, FL 32751 www.burnsmcd.com	LIC. NO.: 98687
WWW.BURNSMCD.COM	STATE:FL
	DATE:

REV	DATE	PROJ#	REVISION DESCRIPTION	ВҮ	REVIEW	ENGINE	EERING
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MILLER SUBSTATION INSTALLATION

GROUNDING DETAILS

ML2024-GD1.dgn

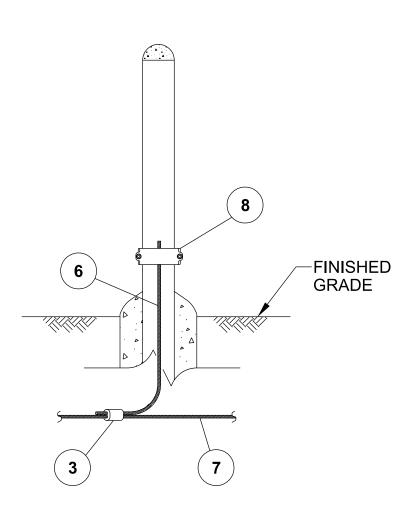
DRAWING SET:

ML2024

MILLER SUBSTATION

PROJ#: OF 10F3

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**NOTE** 

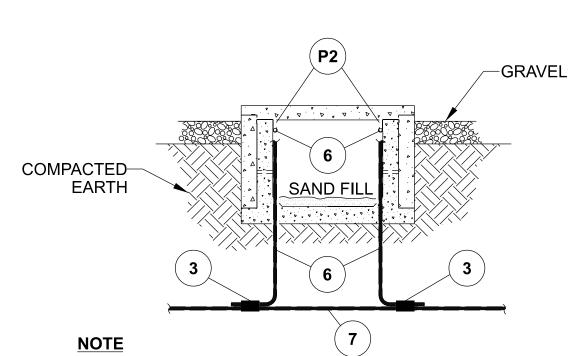
METAL BOLLARDS AT CARD READERS. FURNISHED AND INSTALLED BY OTHERS BOLLARDS SHALL BE PVC.GROUNDING FURNISHED AND INSTALLED BY CONTRACTOR

DETAIL

CONCRETE - FIELD METAL PIPE BOLLARD

GROUNDING

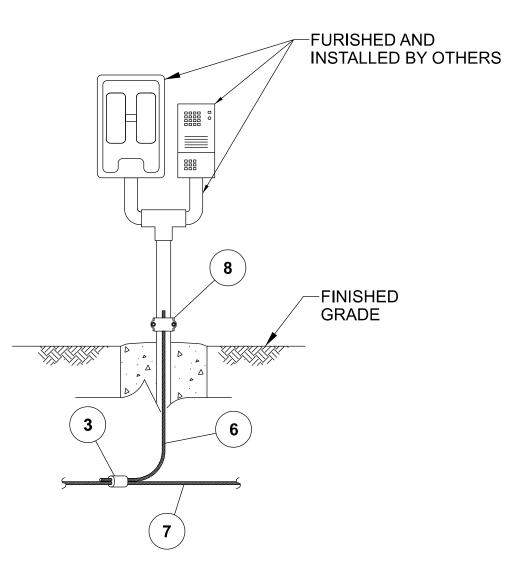
N.T.S



7#5 COPPERWELD GROUND CONDUCTOR SHALL BE INSTALLED AT TOP OF THE CABLE TRENCH AND SUPPORTED BY CABLE CLIPS APPROXIMATELY EVERY FIVE FEET (TRENWA TYPE GC-1 OR EQUAL). CONTRACTOR TO INSTALL A CONTINUOUS RUN FROM THE TRENCH, LOOP THROUGH CONTROL BUILDING CABLE TRAY, THEN ROUTE OUTSIDE TO CONNECT TO A SECOND POINT OF THE STATION GRID. THE GROUND CONDUCTOR SHALL RUN THE ENTIRE LENGTH OF THE CABLE TRENCH AND CONNECT TO THE STATION GROUND GRID AT ALL POINTS OF INTERSECTION.

DETAIL

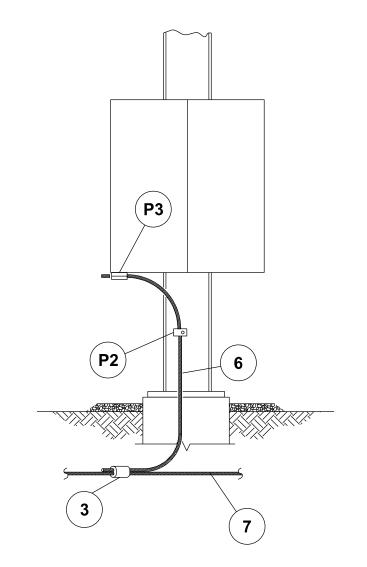
TYPICAL GROUND
CONNECTIONS
N.T.S



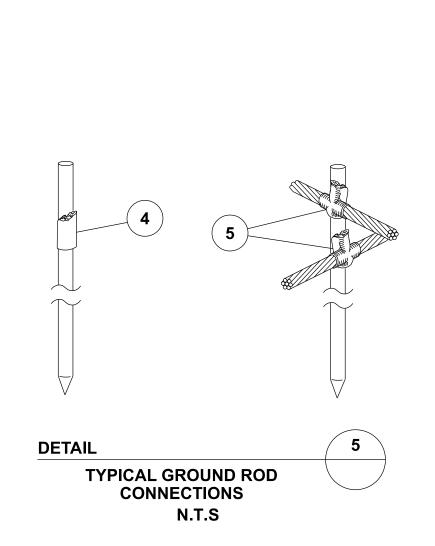
NOTE

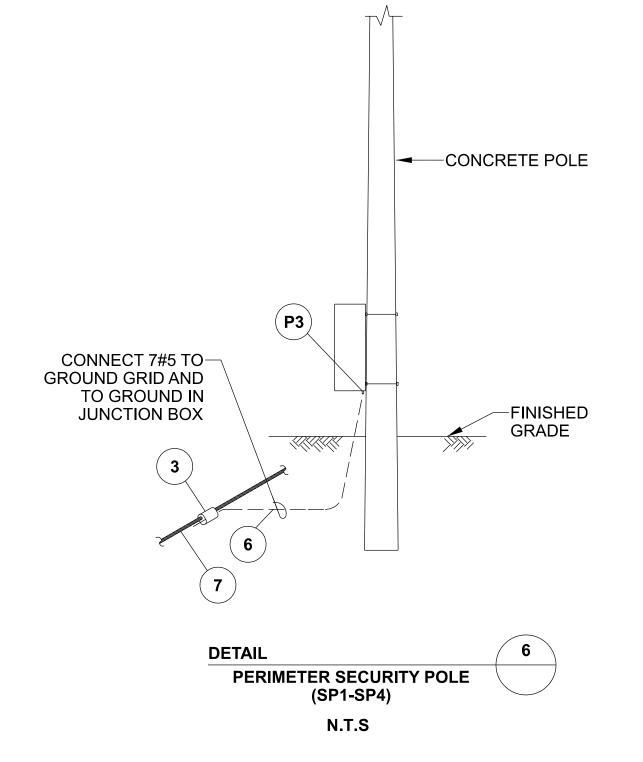
FOR CARD READER OUTSIDE SUBSTATION FENCE, INSTALL A 4' X 6' RING OF 19#8 COPPERWELD GROUND CONDCUTOR (CENTERED ON CARD READER) AND CONNECT TO SUBSTATION GROUND GRID IN TWO LOCATIONS. GROUNDS FOR CARD READER POST AND METALLIC BOLLARDS SHALL CONNECT TO THIS RING.

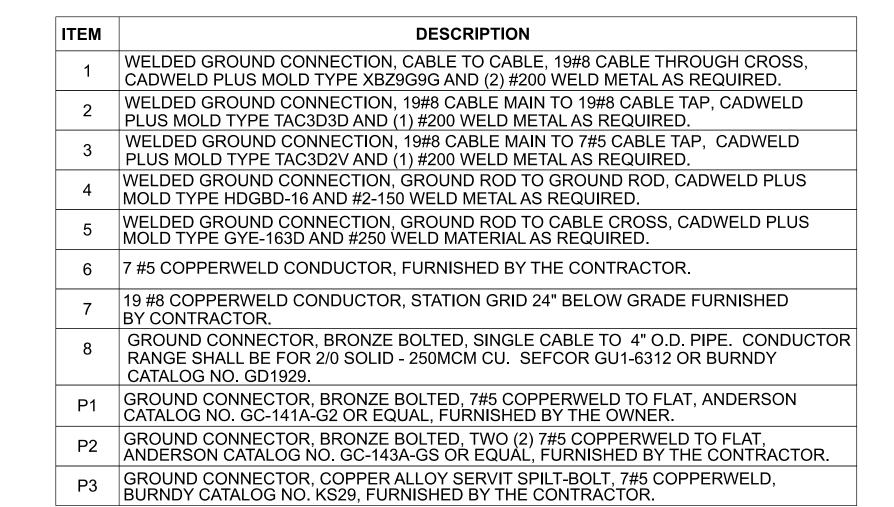


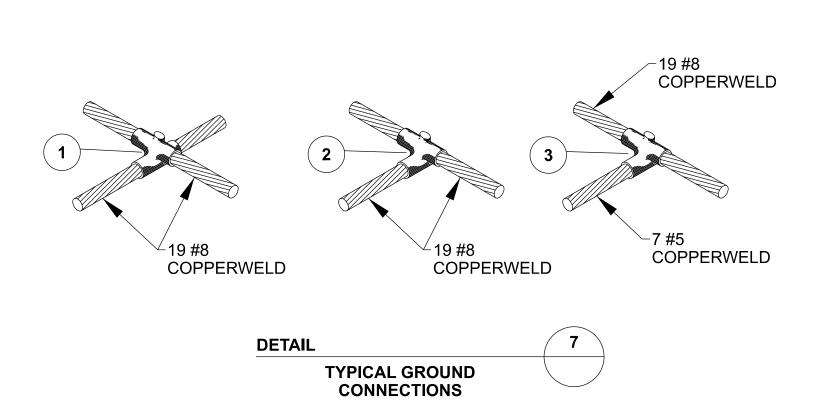














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PE: Brendan T. Murphy
LIC. NO.: 98687
STATE: FL
DATE: \_\_\_\_\_\_\_

REV	DATE	PROJ#	REVISION DESCRIPTION	BY	REVIEW	ENGINE		
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						REVIEW	JB	

MILLER SUBSTATION INSTALLATION

GROUNDING DETAILS

DRAWING NAME:
ML2024-GD2.dgn

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ML2024

DRAWING #: SHEET #:

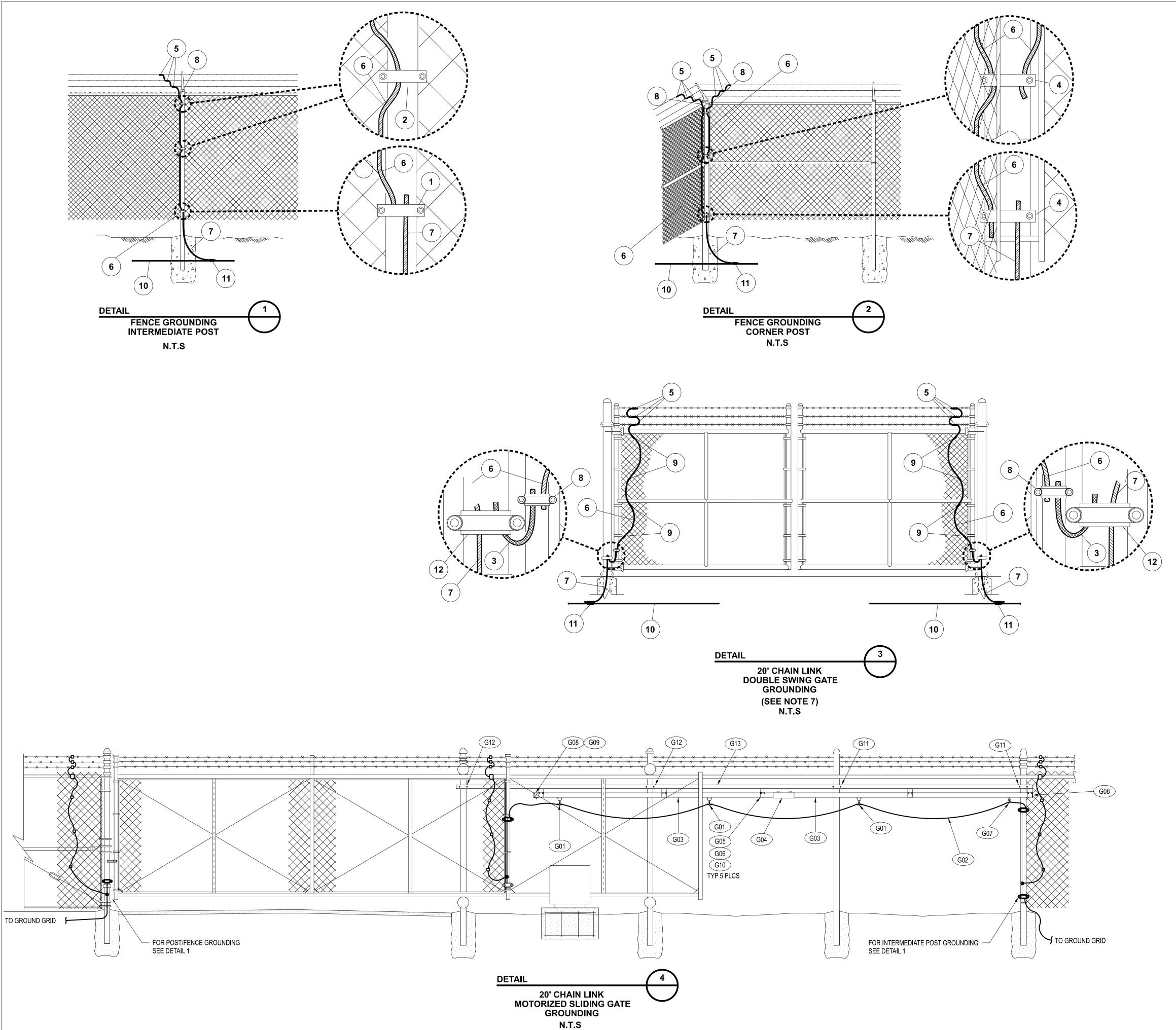
OF

2 OF 3

MILLER SUBSTATION

SUBSTATION & TRANSMISSION ENGINEERING

PROJ #: 8009570



ITEM	DESCRIPTION
1	GROUND CONNECTOR, BRONZE BOLTED, TWO (2) CABLES TO 2 1/2" O.D. PIPE. CONDUCTOR RANGE SHALL BE FOR 2/0 SOLID - 250 KCM CU. SEFCOR GU1-5812 OR BURNDY CATALOG NO. GD1929.
2	GROUND CONNECTOR, BRONZE BOLTED, TWO (2) CABLES TO 2 1/2" O.D. PIPE. CONDUCTOR RANGE SHALL BE FOR #4 SOLID - 2/0 STRANDED SEFCOR GU1-5809 OR BURNDY CATALOG NO. GD1926.
3	FLEXIBLE COPPER BRAID, FURNISHED BY CONTRACTOR
4	GROUND CONNECTOR, BRONZE BOLTED, TWO (2) CABLES TO 3" O.D. PIPE. CONDUCTOR RANGE SHALL BE FOR #4 SOLID - 2/0 STRANDED SEFCOR GU1-6009 OR BURNDY CATALOG NO. GD2026.
5	GROUND CONNECTOR, BRONZE, SERVIT POST TYPE FOR TWO (2) #10-#2 SOLID AWG CONDUCTORS. SEFCOR BN-N-3SP OR BURNDY CATALOG NO. K2C22.
6	#2 SOLID COPPER CONDUCTOR, FURNISHED BY THE CONTRACTOR
7	7#5 COPPERWELD CONDUCTOR, FURNISHED BY THE CONTRACTOR.
8	GROUND CONNECTOR, BRONZE BOLTED, FOR ONE CONDUCTOR TO 1 1/4" O.D. PIPE, TOP RAIL, CONDUCTOR RANGE SHALL BE #4 SOL. TO 2/0 STR. SEFCOR 1-OC-2448
9	SPLIT BOLT CONNECTOR, BURNDY TYPE BN-N-3SP (TINNED)
10	19#8 COPPERWELD CONDUCTOR, STATION GRID 24" BELOW GRADE FURNISHED BY CONTRACTOR.
11	WELDED GROUND CONNECTION, 19#8 CABLE MAIN TO 7#5 CABLE TAP, CADWELD PLUS MOLD TYPE TAC3D2V AND (1) #200 WELD METAL AS REQUIRED.
12	GROUND CONNECTOR, BRONZE BOLTED, TWO (2) CABLES TO 4" O.D. PIPE CONDUCTOR RANGE SHALL BE FOR #4 SOL. TO 2/0 STR, BURNDY GD2226

ITEM	QTY.	DESCRIPTION	MANUFACTURER	CATALOG NO.
<b>G01</b>	3	FESTOON TROLLEY	WAMPFLER	024210-125X100
G02	32 ft.*	FESTOON CABLE, #4/0 WELDING CABLE	SOUTHWIRE	BY DESC.
(G03)	2	FESTOON C-RAIL, 4 M LENGTH, GALVANIZED STEEL	WAMPFLER	024100-4
G04)	1	FESTOON RAIL COUPLER	WAMPFLER	024105
<b>G</b> 05	5	FESTOON RAIL SUPPORT	WAMPFLER	024123
G06	5	SUPPORT ARM, 1'-0", CUT TO FIT BETWEEN GATE AND FENCE	WAMPFLER	23200-01
<b>G</b> 07	1	FESTOON END CLAMP	WAMPFLER	024230-100x062
G08	2	FESTOON END CAP	WAMPFLER	020662-40
G09	1	FESTOON END STOP	WAMPFLER	024111
G10	5	SUPPORT ARM BRACKET	WAMPFLER	020285
<b>G11</b>	2	U-BOLT, GALVANIZED, TRADE SIZE 2 ½"	O-Z/GEDNEY	U-250SG
G12	2	U-BOLT, GALVANIZED, TRADE SIZE 4"	O-Z/GEDNEY	U-400SG
G13	30 ft.*	STRUCTURE STEEL ANGLE, GALVANIZED, L3 x 3 x 3/8	-	-

\* LENGTH SHOULD BE COORDINATED WITH SIZE OF SLIDE GATE BEING PROVIDE.

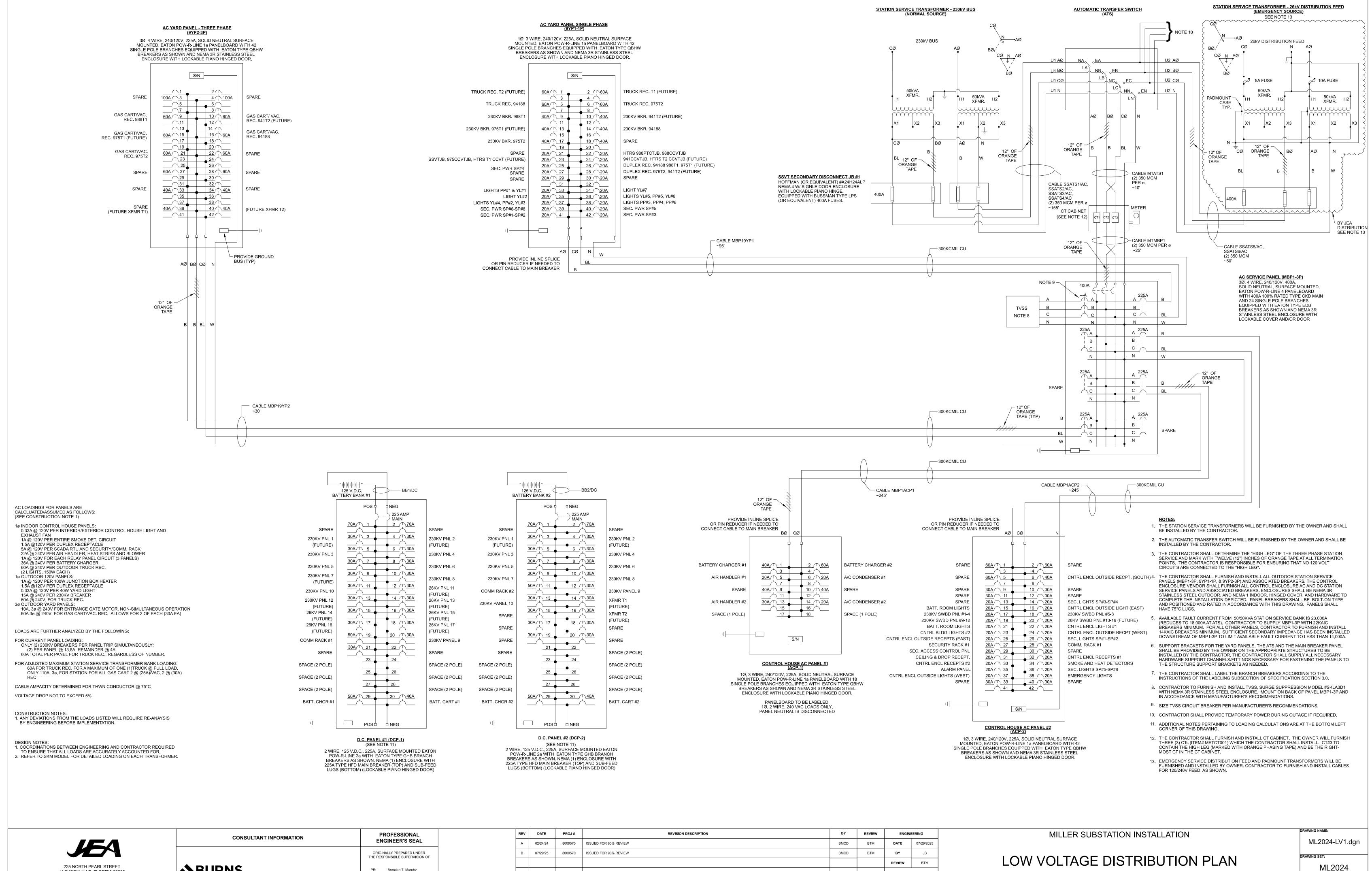
#### NOTES:

- 1. GROUND INSTALLATION SHALL BE PROVIDED AT INTERMEDIATE POSTS, SPACED NO MORE THAN FORTY (40') FEET APART. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ABOVE GRADE GROUND CONNECTORS AND GROUND CONDUCTOR.
- GROUND INSTALLATION SHALL BE PROVIDED AT ALL CORNER POSTS. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ABOVE GRADE GROUND CONNECTORS AND GROUND CONDUCTOR.

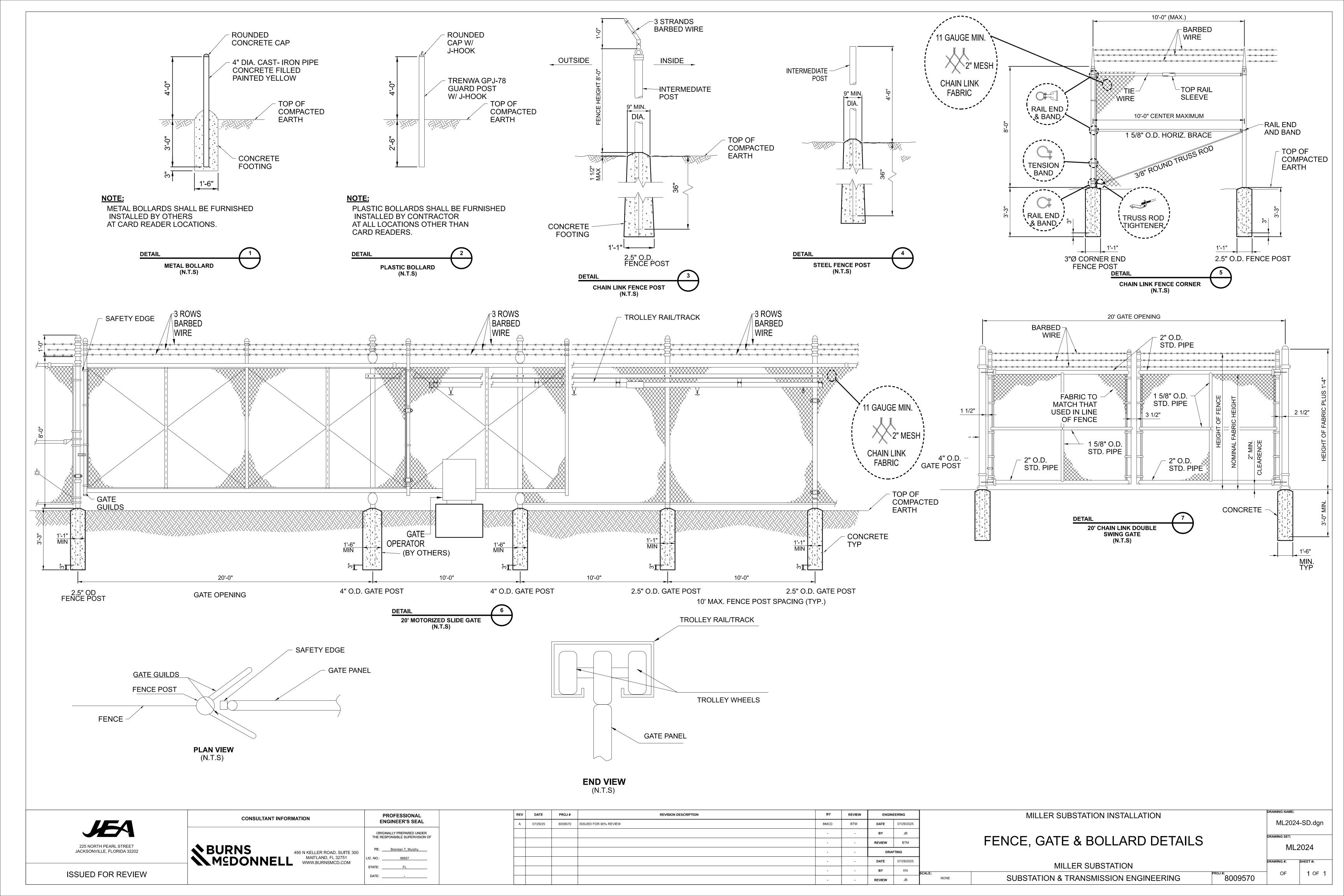
AND POSITIVELY BONDED TO EACH STRAND OF BARBED WIRE.

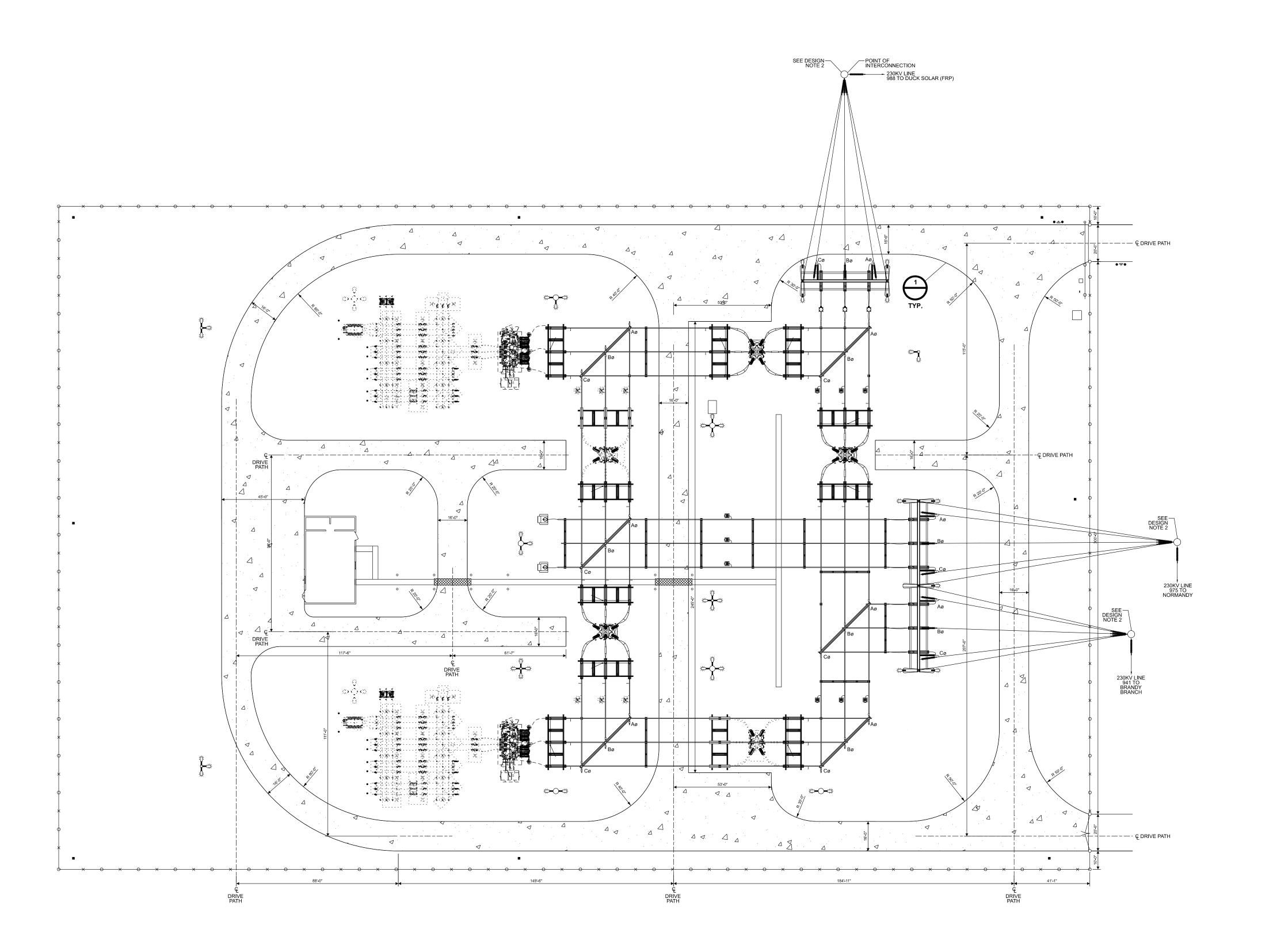
- 3. THE CONTRACTOR SHALL PROVIDE AT LEAST THREE (3) BOND POINTS TO THE FENCE POST.
- 4. THE CONTRACTOR SHALL FURNISH AND INSTALL A CONTINUOUS #2 SOLID COPPER CONDUCTOR THROUGH THE BOND POINTS. THE CONDUCTOR SHALL BE WOVEN INTO THE FENCE FABRIC
- 5. THE CONTRACTOR SHALL REMOVE ANY THREAD PROJECTION IN EXCESS OF 1/4" BEYOND THE
- 6. CONTRACTOR TO FURNISH AND INSTALL THE ABOVE GROUNDING MATERIALS FOR THE SUBSTATION ENTRANCE GATES.
- 7. CONTRACTOR SHALL INSTALL DOUBLE SWING GATE SO THAT IT ONLY SWINGS INWARD, TOWARD SUBSTATION YARD.

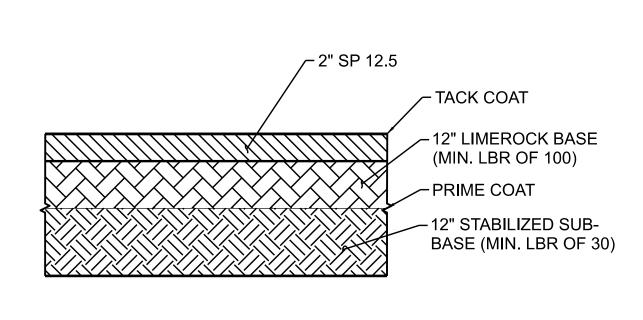
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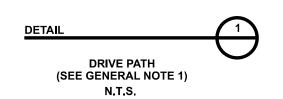


ML2024 PE: Brendan T. Murphy JACKSONVILLE, FLORIDA 32202 495 N KELLER ROAD, SUITE 300 DRAFTING MAITLAND, FL 32751 DATE 07/29/2025 RAWING #: WWW.BURNSMCD.COM MILLER SUBSTATION KN OF 1 OF 1 **ISSUED FOR REVIEW** SUBSTATION & TRANSMISSION ENGINEERING 8009570 REVIEW JB









#### LEGEND:

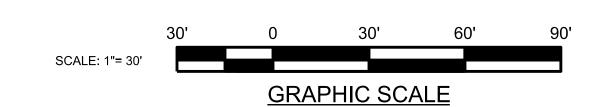
ASPHALT DRIVE PATH

#### **DESIGN NOTES**

- 1. 70'-0" LOWBOY TRUCK USED FOR SIMULATING AUTOTURN THROUGHOUT THE OUTER DRIVE PATH OF THE STATION. REQUIRED TURN RADIUS FOR THIS VEHICLE IS 64'. ACCESS ROAD TURN RADIUS DESIGNED TO BE MINIMUM OF 80'-0" FOR THIS VEHICLE TO ENTER AND CIRCLE THE STATION.
- 30'-0" BUCKET TRUCK USED FOR SIMULATING AUTOTURN ON THE STATION DRIVE PATH WITHIN RING BUS. REQUIRED TURN RADIUS FOR THIS VEHICLE IS 38.00'. DESIGNED TURN RADIUS TO BE MINIMUM OF 50'-0" FOR THIS VEHICLE TO ENTER AND EXIT WITHIN RING BUS.

# GENERAL NOTES

1. THE IMPROVEMENTS SHALL COMPLY WITH THE JEA STANDARDS MANUAL.



MILLER SUBSTATION INSTALLATION PROFESSIONAL ENGINEER'S SEAL REVISION DESCRIPTION REVIEW CONSULTANT INFORMATION ML2024-DP.dgn 8009570 ISSUED FOR 90% REVIEW 07/29/25 BMCD **DATE** 07/29/2025 BTM ORIGINALLY PREPARED UNDER THE RESPONSIBLE SUPERVISION OF DRIVE PATH PLAN REVIEW втм ML2024 225 NORTH PEARL STREET JACKSONVILLE, FLORIDA 32202 PE: Brendan T. Murphy 495 N KELLER ROAD, SUITE 300 MAITLAND, FL 32751 WWW.BURNSMCD.COM DRAFTING DATE 07/29/2025 DRAWING #: MILLER SUBSTATION ISSUED FOR REVIEW 1 OF 1 OF 8009570 AS SHOWN SUBSTATION & TRANSMISSION ENGINEERING REVIEW

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CONDUIT#	From	То	Size (IN)	TYPE	LENGTH (FT)	CABLE IN CONDUIT	REMARKS	REV
975T2C1	CABLE TRENCH	BREAKER 975T2	3"	PVC	Breaker 975T2	975T2/C1		
975T2C2	CABLE TRENCH	BREAKER 975T2	3"	PVC		975T2/C2		
975T2C3	CABLE TRENCH	BREAKER 975T2	2"	PVC		975T2/941PR, 975T2/941SC		
975T2C4	CABLE TRENCH	BREAKER 975T2	2"	PVC	35	975T2/975PR, 975T2/975SC		
975T2C5	CABLE TRENCH	BREAKER 975T2	1 1/2"	PVC		975T2/AC		
975T2C6	CABLE TRENCH	BREAKER 975T2	2"	PVC	35		SPARE	
94188C1	CABLE TRENCH	BREAKER 94188	3"	PVC	Breaker 94188	94188/C1		
94188C2	CABLE TRENCH	BREAKER 94188	3"	PVC		94188/C2		
94188C3	CABLE TRENCH	BREAKER 94188	2"	PVC		94188/941PR, 94188/941SC		
94188C4	CABLE TRENCH	BREAKER 94188	2"	PVC		94188/988PR, 94188/988SC		
94188C5	CABLE TRENCH	BREAKER 94188	1 1/2"	PVC		94188/AC		
94188C6	CABLE TRENCH	BREAKER 94188	2"	PVC	60		SPARE	
0007101	CABLE TRENCH	BREAKER 988T1	3"	PVC	Breaker 988T1	00074 /04		1
988T1C1 988T1C2	CABLE TRENCH	BREAKER 988T1	3"	PVC		988T1/C1 988T1/C2		
988T1C3	CABLE TRENCH	BREAKER 988T1	2"	PVC		988T1/988PR, 988T1/988SC		
988T1C4	CABLE TRENCH	BREAKER 988T1	2"	PVC		988T1/975PR, 988T1/975SC		
988T1C5	CABLE TRENCH	BREAKER 988T1	1 1/2"	PVC		988T1/AC		
988T1C6	CABLE TRENCH	BREAKER 988T1	2"	PVC	55		SPARE	
04100\/T01	CABLE TRENCH	941CCVTJB	2"	PVC	230KV 941 CCVTS	941PT/JB, 941PT/AC		1
		941CCVTJB 941CCVTJB	2"	PVC	50		SPARE	
		941CCVT - APH	1 1/2"	PVC		941PT/PHA	GITHE	
941CCVTC4		941CCVT - CPH	1 1/2"	PVC		941PT/PHC		
941CCVTC5		941CCVT - BPH	1"	LTF	50	941PT/PHB	Above grade conduit. Not shown on conduit plan.	
	T		_	1	230KV 988 CCVTS			
	CABLE TRENCH	988CCVTJB	2"	PVC		988PT/JB, 988PT/AC	CDADE	1
		988CCVT ARH	2" 1 1/2"	PVC	40		SPARE	-
988CCVTC3 988CCVTC4		988CCVT - APH 988CCVT - CPH	1 1/2"	PVC		988PT/PHA 988PT/PHC		<del>                                     </del>
988CCVTC5		988CCVT - CPH 988CCVT - BPH	1"	LTF		988PT/PHB	Above grade conduit. Not shown on conduit plan.	1
	1			· ·	230KV 975 CCVTS			i
975CCVTC1	CABLE TRENCH	975CCVTJB	2"	PVC		975PT/JB, 975PT/AC		
		975CCVTJB	2"	PVC		SSVT1/AC, SSVT2/AC		
975CCVTC3	975CCVTJB	975CCVT - APH	1 1/2"	PVC	25	975PT/PHA		
		975CCVT - CPH	1 1/2"	PVC		975PT/PHC		
975CCVTC5	975CCVTJB	975CCVT - BPH	1"	LTF		975PT/PHB	Above grade conduit. Not shown on conduit plan.	1
	Tarana a	T	I	Taura	988 CT/PT COMBO	I		
		988CTPTJB	2"	PVC		988MT/PT, 988MT/CT		
988CTPTC2 988CTPTC3	Cable Trench	988CTPTJB 988CTPT - APH	1 1/2"	PVC		988MT/AC 988MT/PTA, 988MT/CTA		1
	988CTPTJB	988CTPT - CPH	1 1/2"	PVC		988MT/PTC, 988MT/CTC		
	988CTPTJB	988CTPT - BPH	1"	LTF		988MT/PTB, 988MT/CTB	Above grade conduit. Not shown on conduit plan.	
988CTPTC6		988СТРТЈВ	2"	PVC	100		SPARE	
					STATION SERVICE			
SSMTC1	ATS	METER CABINET	4"	PVC	10	MTATS1	Above grade conduit. Not shown on conduit plan.	
MBP1C1	METER CABINET	MBP1-3P	4"	PVC		MTMBP1		
	METER CABINET	CABLE TRENCH	4"	PVC		MTSOC1		
SSC1	CABLE TRENCH	EMERGENCY STA SERV PAMDOUNT	4"	PVC		SSATS5/AC		
	CABLE TRENCH	EMERGENCY STA SERV PAMDOUNT						
			4"	PVC		SSATS6/AC		
SSC3	ATS	CABLE TRENCH	4"	PVC	30	SSATS1/AC, SSATS4/AC		
SSC3 SSC4	ATS ATS	CABLE TRENCH CABLE TRENCH	4" 4"	PVC PVC	30 30	SSATS1/AC, SSATS4/AC SSATS2/AC, SSATS3/AC		
SSC3 SSC4 SSC5	ATS	CABLE TRENCH CABLE TRENCH CABLE TRENCH	4"	PVC PVC PVC	30 30 40	SSATS1/AC, SSATS4/AC SSATS2/AC, SSATS3/AC SSATS1/AC, SSATS4/AC, SSVT2/AC		
SSC3 SSC4	ATS ATS SSAJB	CABLE TRENCH CABLE TRENCH	4" 4" 4"	PVC PVC	30 30 40	SSATS1/AC, SSATS4/AC SSATS2/AC, SSATS3/AC SSATS1/AC, SSATS4/AC, SSVT2/AC SSATS2/AC, SSATS3/AC, SSVT1/AC	Above grade conduit. Not shown on conduit plan.	
SSC3 SSC4 SSC5 SSC6	ATS ATS SSAJB SSCJB	CABLETRENCH CABLETRENCH CABLETRENCH CABLETRENCH	4" 4" 4"	PVC PVC PVC PVC	30 30 40 10	SSATS1/AC, SSATS4/AC SSATS2/AC, SSATS3/AC SSATS1/AC, SSATS4/AC, SSVT2/AC SSATS2/AC, SSATS3/AC, SSVT1/AC	Above grade conduit. Not shown on conduit plan. Above grade conduit. Not shown on conduit plan.	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8 SSC9	ATS SSAJB SSCJB SSCJIO SSCJION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAUB SSCJB DISTRIBUTION POLE RISER	4" 4" 4" 4" 3" 3" 3"	PVC PVC PVC LTF LTF PVC	30 30 40 10 10 10 TBD	SSATS1/AC, SSATS4/AC SSATS2/AC, SSATS3/AC SSATS1/AC, SSATS4/AC, SSVT2/AC SSATS2/AC, SSATS4/AC, SSVT1/AC	Above grade conduit. Not shown on conduit plan.  Cable installed and provided by distribution	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8	ATS ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - CPH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSCJ/B	4" 4" 4" 4" 3"	PVC PVC PVC PVC LTF LTF	30 30 40 10 10 10 18D	SSATS1/AC, SSATS4/AC SSATS2/AC, SSATS3/AC SSATS1/AC, SSATS4/AC, SSVT2/AC SSATS2/AC, SSATS4/AC, SSVT1/AC	Above grade conduit. Not shown on conduit plan.	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8 SSC9 SSC10	ATS ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER	4" 4" 4" 4" 3" 3" 3" 3"	PVC PVC PVC PVC LTF LTF PVC PVC	30 30 40 100 100 100 100 TBD AC DISTRIBUTION	SSATSJIAC, SSATSAIAC SSATSZIAC, SSATSJIAC SSATSJIAC, SSATSAIAC, SSVTZIAC SSATSZIAC, SSATSAIAC, SSVTZIAC	Above grade conduit. Not shown on conduit plan.  Cable installed and provided by distribution	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8 SSC9 SSC10	ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER	4" 4" 4" 4" 3" 3" 3" 3"	PVC PVC PVC PVC LTF LTF PVC PVC PVC	30 30 40 40 10 10 10 10 AC DISTRIBUTION	SSATSJ/AC, SSATSJ/AC SSATSJ/AC, SSATSJ/AC SSATSJ/AC, SSATSJ/AC	Above grade conduit. Not shown on conduit plan.  Cable installed and provided by distribution	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8 SSC9 SSC10 MBP1C2 MBP1C3	ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P	4" 4" 4" 3" 3" 3" 4" 4"	PVC PVC PVC PVC LTF LTF PVC PVC PVC	30 30 30 40 40 10 10 10 10 TBD TBD AC DISTRIBUTION 15 15	SSATSI/AC, SSATSI/AC SSATSI/AC, SSATSI/AC SSATSI/AC, SSATSI/AC, SSATSI/AC SSATSI/AC, SSATSI/AC, SSVTI/AC SSATSI/AC, SSATSI/AC, SSVTI/AC MBP19YP1 MBP19YP2	Above grade conduit. Not shown on conduit plan.  Cable installed and provided by distribution	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8 SSC9 SSC10 MBP1C2 MBP1C3 MBP1C4	ATS ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P	4" 4" 4" 4" 3" 3" 3" 3"	PVC PVC PVC PVC LTF LTF PVC PVC PVC PVC	30 30 30 40 40 10 10 10 10 TBD TBD AC DISTRIBUTION 15 15	SSATSJ/AC, SSATSJ/AC SSATSJ/AC, SSATSJ/AC SSATSJ/AC, SSATSJ/AC	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8 SSC9 SSC10 MBP1C2 MBP1C3	ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P	4" 4" 4" 3" 3" 3" 3" 4" 4"	PVC PVC PVC PVC LTF LTF PVC PVC PVC	30 30 30 40 40 10 10 10 10 TBD TBD AC DISTRIBUTION 15 15 15 77	SSATSI/AC, SSATSI/AC SSATSI/AC, SSATSI/AC SSATSI/AC, SSATSI/AC, SSATSI/AC SSATSI/AC, SSATSI/AC, SSVTI/AC SSATSI/AC, SSATSI/AC, SSVTI/AC MBP19YP1 MBP19YP2	Above grade conduit. Not shown on conduit plan.  Cable installed and provided by distribution	
SSC3 SSC4 SSC5 SSC6 SSC6 SSC7 SSC8 SSC9 SSC10 MBP1C2 MBP1C3 MBP1C4 MBP1C5	ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P	4" 4" 4" 3" 3" 3" 3" 4" 4" 4" 4" 4" 4" 4"	PVC PVC PVC PVC LTF LTF PVC PVC PVC PVC PVC PVC	30 30 30 40 40 10 10 10 TBDBD TBD AC DISTRIBUTION 15 15 15 15 15 15 15 15 15 15 15 15 15	SSATSJIAC, SSATSAIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVT2IAC SSATSJIAC, SSATSJIAC, SSVT1IAC  MBP19YP1 MBP19YP1 MBP14CP1, MBP1ACP2  94188/AC, 97572/AC, 988TI/AC 941P7IAC, 988PTIAC, 975PTIAC	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8 SSC9 SSC10  MBP1C2 MBP1C3 MBP1C3 MBP1C4 MBP1C5 9YP1C1 9YP1C2 9YP1C3	ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - OPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCIB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P M9P1-1P 9YP1-1P 9YP1-1P	4" 4" 4" 4" 3" 3" 3" 4" 4" 4" 4" 4" 4" 4" 4" 4" 3" 3" 3"	PVC	300 300 404 101 100 100 180 AC DISTRIBUTION 155 155 155 155 155 155 155 155 155	SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVT2/AC SSATSJIAC, SSATSJIAC, SSVT1/AC  MBP19YP1 MBP19YP1 MBP1ACP1, MBP1ACP2 94188/AC, 975T2/AC, 988T1/AC 94187/AC, 988T1AC 94187/AC, 988T1AC, D8875T2/AC, D8875T2/AC	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution	
SSC3 SSC4 SSC5 SSC6 SSC7 SSC8 SSC9 SSC10 MBP1C2 MBP1C3 MBP1C4 MBP1C4 MBP1C5 9YP1C1 9YP1C1 9YP1C3 9YP1C3 9YP1C4	ATS ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MPP1-1P 9YP1-1P 9YP1-1P 9YP1-1P	4" 4" 4" 3" 3" 3" 4" 4" 4" 4" 4" 4" 4" 4" 4" 3" 3" 3"	PVC	300 300 404 101 100 100 100 100 100 100 100 1	SSATSJIAC, SSATSAIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVT2IAC SSATSJIAC, SSATSJIAC, SSVT2IAC SSATSJIAC, SSATSJIAC, SSVT1/AC  MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2 94181/AC, 975T2/AC, 988T1/AC 941P7IAC, 988P7IAC, 975T7IAC MBP19YP1, DR94188/AC, DR975T2/AC TB94188/AC, TR975T2/AC	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC6 \$SC7 \$SC8 \$SC8 \$SC9 \$SC10 MBP1C3 MBP1C3 MBP1C4 MBP1C5 9YP1C1 9YP1C2 9YP1C3 9YP1C3 9YP1C3 9YP1C3	ATS ATS SSAJB SSCJB SSCJB STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P	4" 4" 4" 3" 3" 3" 4" 4" 4" 4" 3" 3" 3" 3" 3" 3" 3" 3" 3"	PVC PVC PVC PVC LTF LTF PVC	30 30 30 40 40 10 10 10 10 TBBB TBB AC DISTRIBUTION 15 15 15 15 15 15 15 15 15 15 15 15 15	SSATSJIAC, SSATSAIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVT2IAC SSATSJIAC, SSATSJIAC, SSVT1/AC SSATSJIAC, SSATSJIAC, SSVT1/AC  MBP19YP1 MBP1ACP2 MBP1ACP2 MBP1ACP1, MBP1ACP2  94188/AC, 97572/AC, 988TI/AC 941PI/AC, 988PI/AC, 975751/AC MBP19YP1, DB94188/AC, DR97512/AC L001, L003, L004, L007, L010, L012, L018	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC6 \$SC7 \$SC9 \$SC9 \$SC10 \$MBP1C3 \$MBP1C3 \$MBP1C3 \$MBP1C3 \$9VP1C1 \$9VP1C3 \$9VP1C3 \$9VP1C3 \$9VP1C3 \$9VP1C5 \$9VP1C5 \$9VP1C6	ATS ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - APH STATION SERVICE - APH STATION SERVICE - APH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSCIB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P	4" 4" 4" 3" 3" 3" 3" 3" 3" 4" 4" 4" 4" 3" 3" 3" 3" 3" 3" 3"	PVC PVC PVC LTF LTF PVC	300 300 404 101 101 102 103 105 105 105 105 105 105 105 105 105 105	SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVT2/AC SSATSJIAC, SSATSJIAC, SSVT1/AC  MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2 94188/AC, 975T2/AC, 988T1/AC 941P7IAC, 988P7IAC, 975P7IAC MBP19YP1, DB94188/AC, DR975T2/AC TR94188/AC, TR975T2/AC TR94188/AC, TR975T2/AC	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC6 \$SC6 \$SC6 \$SC7 \$SC8 \$SC7 \$SC8 \$SC9 \$SC10  MBP1C2 MBP1C3 MBP1C4 MBP1C3 9VP1C3 9VP1C3 9VP1C3 9VP1C3 9VP1C6 9VP1C6 9VP1C6	ATS ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MPP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P	4" 4" 4" 3" 3" 3" 4" 4" 4" 4" 3" 3" 3" 3" 3" 3" 3" 3" 3"	PVC PVC PVC PVC LTF LTF PVC	300 300 404 101 100 1100 180 TBD AC DISTRIBUTION 151 155 155 155 155 155 155 155 155	SSATSJIAC, SSATSAIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVTZIAC SSATSZIAC, SSATSJIAC, SSVTZIAC SSATSZIAC, SSATSJIAC, SSVTIAC  MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2 9418B/AC, 9757Z/AC, 988TI/AC 941P1/AC, 988PI/AC, 975PT/AC MBP19YP1, DR9418B/AC, DR975TZ/AC TR9418B/AC, TR957EZ/AC L001, L003, L004, L007, L010, L012, L018 GC9418B/AC, GC988TI/AC, GC975TZ/AC	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC6 \$SC6 \$SC6 \$SC6 \$SC9 \$SC9 \$SC10 MBP1C3 MBP1C3 MBP1C3 9VP1C1 9VP1C3 9VP1C1 9VP1C3 9VP1C4 9VP1C3 9VP1C6 9VP2C1 9VP2C1	ATS ATS SSAJB SSCJB STATION SERVICE - APH STATION SERVICE - APH STATION SERVICE - APH STATION SERVICE - APH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSCIB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P	4" 4" 4" 3" 3" 3" 4" 4" 4" 4" 4" 4" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3"	PVC PVC PVC LTF LTF PVC	300 300 404 101 100 1100 180 TBD AC DISTRIBUTION 151 155 155 155 155 155 155 155 155	SSATSLIAC, SSATS-LIAC SSATSLIAC, SSATS-LIAC SSATSLIAC, SSATS-LIAC SSATSLIAC, SSATS-LIAC SSATSLIAC, SSATS-LIAC SSATSLIAC, SSATS-LIAC SSATSLIAC, SSATSLIAC, SSVT1/AC  MBP19VP1 MBP19VP1 MBP19VP2 MBP1ACP1, MBP1ACP2 9418/AC, 97572/AC, 98871/AC 941P1/AC, 988P1/AC, 97571/AC MBP19VP1, DR94188/AC, DR97512/AC TR94188/AC, TR975712/AC LIO01, LOO3, LOO4, LOO7, LO10, LO12, LO18 MBP19VP2, SCATELIAC MBP19VP2, SCATELIAC MBP19VP2, SCATELIAC	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE	
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SSC3	ATS ATS SSAJB SSCJB SSCJB STATION SERVICE - APH EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 1P 9YP1-1P 1P 9YP1-1P 1P 1	4" 4" 4" 4" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 1" 1" 1-1/2" 1-1/2" 1-1/2" 2" 2" 2" 2" 2" 2"	PVC	300 300 404 40 100 100 110 110 110 110 110 11	SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVT2IAC SSATSJIAC, SSATSJIAC, SSVT2IAC SSATSJIAC, SSATSJIAC, SSVT1IAC  MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2  94188/AC, 975T2/AC, 988T1/AC 941P7/AC, 988P7/AC, 975P7/AC MBP19YP1, DBP188/AC, DR975T2/AC TR94188/AC, TR975T2/AC L001, L003, L004, L007, L010, L012, L018 GC941B8/AC, GC98B71/AC, GC975T2/AC MBP19YP2, SGATE1/AC SS DR975T2/AC DR94188/AC CR98418/AC CR98418/AC CR98418/AC CG9841AC GC94188/AC CG94188/AC L002 L001 L001 L001 L001 L001 L001 L001	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC6 \$SC6 \$SC6 \$SC7 \$SC8 \$SC7 \$SC8 \$SC7 \$SC8 \$SC7 \$SC8 \$SC7 \$SC8 \$SC7 \$SC8 \$SC10  MBP1C2 MBP1C3 MBP1C3 MBP1C3 MBP1C4 MBP1C5 9VP1C1 9VP1C1 9VP1C3 9VP1C3 9VP1C3 9VP1C4 9VP1C3 9VP1C4 9VP1C5 9VP1C3 9VP1C6 FV1C6 FV1C6 FV1C6 FV1C7 FV1C1 F	ATS SSAJB SSCJB SSCJB SSCJB STATION SERVICE - APH STATION SERVICE - OPH EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSC/B DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 1P 9YP1-1P 1P 9YP2-3P 1P	# 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4"	PVC	300 300 300 404 401 101 102 103 105 105 106 107 107 107 107 107 107 107 107 107 107	SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT1IAC  MBP19VP1 MBP19VP1 MBP19CP1 MBP19CP1 MBP19CP2 MBP1ACP1, MBP1ACP2 941B8IAC, 988P1/AC, 988P1/AC MBP19VP1, DR941B8IAC, DR975T2/AC MBP19VP1, DR941B8IAC, DR975T2/AC MBP19VP2, SGATELIAC CGC941B8IAC, GC975T2/AC MBP19VP2, SGATELIAC SS DR975T2/AC DR941B8IAC SS TR9911B8IAC SS GC98B1I/AC GC941B8IAC GC941B8IAC L002 L001 L001 L001 L001 L001 L001 L001	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
SSC3	ATS ATS SSAJB SSCJB SSCJB STATION SERVICE - APH EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 1P 9YP1-1P 1P 9YP1-1P 1P 1	4" 4" 4" 4" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 1" 1" 1-1/2" 1-1/2" 1-1/2" 2" 2" 2" 2" 2" 2"	PVC	300 300 300 404 101 101 110 110 110 110 110 110 1	SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVT2IAC SSATSJIAC, SSATSJIAC, SSVT2IAC SSATSJIAC, SSATSJIAC, SSVT1IAC  MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2  94188/AC, 975T2/AC, 988T1/AC 941P7/AC, 988P7/AC, 975P7/AC MBP19YP1, DBP188/AC, DR975T2/AC TR94188/AC, TR975T2/AC L001, L003, L004, L007, L010, L012, L018 GC941B8/AC, GC98B71/AC, GC975T2/AC MBP19YP2, SGATE1/AC SS DR975T2/AC DR94188/AC CR98418/AC CR98418/AC CR98418/AC CG9841AC GC94188/AC CG94188/AC L002 L001 L001 L001 L001 L001 L001 L001	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
SSC3	ATS ATS SSAIB SSCIB SSCIB STATION SERVICE - APH STATION SERVICE - APH STATION SERVICE - APH STATION SERVICE - CPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 5YP1-1P 9YP1-1P 9	# 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4"	PVC	300 300 300 404 401 100 100 1100 1100 11	SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVT2/AC SSATSJIAC, SSATSJIAC, SSVT2/AC SSATSJIAC, SSATSJIAC, SSVT1/AC  MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2 94188/AC, 975T2/AC, 988T1/AC 94187IAC, 988PTI/AC, 975PTI/AC MBP19YP1, DB94188/AC, DR975T2/AC TR94188/AC, TR975T2/AC D01, L003, L004, L007, L010, L012, L018 GC94188/AC, GC98F1/AC, GC975T2/AC MBP19YP1, DB94188/AC, GS98T1/AC SS DR975T2/AC DR94188/AC SS SS TR975T2/AC TR94188/AC SS GC988T1/AC GC975T2/AC GC94188/AC L002 L001 L018 L002 L001 L018 L020 L003 L003 L009 L003 L003 L003 L007, L008	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
SSC3	ATS SSAJB SSCJB SSCJB SSCJB STATION SERVICE - APH STATION SERVICE - OPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSC/B DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 3YP1-1P 3	# 4" 4" 4" 4" 4" 5" 5" 5" 5" 5" 5" 5" 5" 5" 5" 5" 5" 5"	PVC	300 300 300 404 401 101 100 1100 1100 11	SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSLIAC SSATSLIAC SSATSLIAC MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2 94188/AC, 97572/AC, 98871/AC MBP19YP1, DR94188/AC, DR97572/AC MBP19YP1, DR94188/AC, DR97572/AC MBP19YP2, GASP1/AC MBP19YP2, GASP1/AC MBP19YP2, GASP1/AC SS DR97572/AC DR94188/AC SS TR97572/AC TR94188/AC ES GC98571/AC GC94188/AC L002 L001 L002 L001 L001 L002 L001 L001	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC6 \$SC6 \$SC6 \$SC7 \$SC8 \$SC9 \$SC9 \$SC9 \$SC9 \$SC9 \$SC9 \$SC9 \$SC9	ATS SSAJB SSCJB SSCJB SSCJB STATION SERVICE - APH STATION SERVICE - OPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSC/B DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MPP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP2-3P 9YP2-3P TRUCK REC. AT 975T2 DUPLEX REC. AT 94188 TRUCK REC. AT 94188  CAS CART REC. 955T2 GAS CART REC. 988T1 GAS CART REC. 988T1 PROBE POLE #1 YARD LIGHT #22 YARD LIGHT #22 YARD LIGHT #22 YARD LIGHT #32 PROBE POLE #3 YARD LIGHT #32 PROBE POLE #3 YARD LIGHT #34 PROBE POLE #3 YARD LIGHT #35 PROBE POLE #3 YARD LIGHT #37 PROBE POLE #37 YARD LIGHT #37	# 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4"	PVC	300 300 300 404 401 101 101 101 101 101 101 101 1	SSATSLIAC, SSATSAIAC SSATSZIAC, SSATSAIAC SSATSZIAC, SSATSAIAC SSATSZIAC, SSATSAIAC SSATSZIAC, SSATSAIAC, SSVTZIAC SSATSZIAC, SSATSAIAC, SSVTZIAC SSATSZIAC, SSATSAIAC, SSVTZIAC SSATSZIAC, SSATSAIAC, SSVTZIAC MBP19YP1 MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2 9418/AC, 98871/AC, 98871/AC 941P1/AC, 98871/AC, 98871/AC MBP19YP1, DR94188/AC, DR975TZ/AC MBP19YP1, DR94188/AC, DR975TZ/AC MBP19YP2, SGATEL/AC GC94188/AC, GC98871/AC, GC975TZ/AC MBP19YP2, SGATEL/AC SS TR975TZ/AC DR94188/AC SS GC988T1/AC GC985T1/AC GC995TZ/AC GC995TZ/AC L001 L002 L001 L002 L001 L002 L001 L003 L009 L009 L009 L009 L009 L001 L001 L001	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
SSC3	ATS SSAJB SSCJB SSCJB SSCJB STATION SERVICE - APH STATION SERVICE - OPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH CABLE T	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSC/B DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P SYP1-1P 9YP1-1P SYP1-1P S	# 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4"	PVC	300 300 300 404 401 101 110 110 110 110 110 115 115 115 1	SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT1IAC  MBP19YP1 MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2 94188/AC, 97572/AC, 98871/AC 941P7IAC, 988P7IAC, 975P7IAC MBP19YP1, DB94188/AC, DR97572/AC TR94188/AC, TR97572/AC GC94188/AC, GC988T1/AC, GC97572/AC MBP19YP1, DB94188/AC, GC987572/AC DR94188/AC S  TR97572/AC DR94188/AC S S GC984188/AC  ES GC984188/AC L002 L001 L018 L019 L020 L021 L021 L008, L009 L009 L009 L009 L009 L009 L009 L009	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
SSC3   SSC6   SSC6   SSC6   SSC6   SSC6   SSC6   SSC6   SSC7   SSC8   SSC7   SSC8   SSC7   SSC8   SSC9   SSC10   SSC	ATS SSAIB SSCIB SSCIB STATION SERVICE - APH STATION SERVICE - OPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSA/B SSC/B DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P 9YP1-1P SYP1-1P S	# 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4"	PVC	300 300 300 404 401 101 101 101 101 105 105 105 105 105 1	SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSLIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC, SSVTLIAC SSATSLIAC, SSATSAIAC, SSVTLIAC SSATSLIAC, SSATSAIAC, SSVTLIAC  MBP19YP1 MBP19YP2 MBP1ACP1, MBP1ACP2 94188/AC, 97572/AC, 98871/AC 94188/AC, 97572/AC, 98871/AC MBP19YP1, DR94188/AC, DR97512/AC MBP19YP1, DR94188/AC, DR97512/AC MBP19YP2, SGATELIAC GC94188/AC, GC9871/AC BC94188/AC SS TR97512/AC DR94188/AC SS GC98871/AC GC98871/AC GC957512/AC GC94188/AC L002 L001 L002 L001 L002 L001 L001 L001	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC5 \$SC6 \$SC6 \$SC6 \$SC7 \$SC8 \$SC7 \$SC8 \$SC7 \$SC8 \$SSC9 \$SC10  MBP1C2 MBP1C3 MBP1C3 MBP1C3 MBP1C4 MBP1C3 MBP1C4 MBP1C5 9VP1C1 9VP1C1 9VP1C1 9VP1C1 9VP1C1 PVP1C1 PVP	ATS SSAJB SSCJB SSCJB SSCJB STATION SERVICE - APH STATION SERVICE - OPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH CABLE T	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MP1-1P SYP1-1P SY	# 4" 4" 4" 4" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3"	PVC	300 300 300 404 401 101 100 1100 1100 11	SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSLIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT1IAC  MBP19VP1 MBP19VP1 MBP19VP2 MBP1ACP1, MBP1ACP2 9418/IAC, 98871/AC, 98871/AC 941PI/AC, 98871/AC, 98871/AC MBP19VP1, DRS4188/AC, DR9751Z/AC MBP19VP1, DRS4188/AC, DR9751Z/AC MBP19VP2, SGATELIAC GC9418/IAC, GC9757Z/AC MBP19VP2, SGATELIAC SS DR9751Z/AC DR94188/IAC SS STR9751Z/AC TR94188/IAC GC98811/AC GC9881I/AC GC9951Z/AC GC9951Z/AC L002 L001 L018 L019 L020 L021 L001 L018 L009 L009 L009 L009 L001 L010 L011 L010 L005 L006 L011 L011 L012 L006 L001 L011 L012 L006 L011 L011 L012 L011 L012 L011 L012 L011 L012 L011 L012 L011 L012 L011 L011	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC5 \$SC6 \$SC6 \$SC6 \$SC7 \$SC8 \$SC9 \$SC9 \$SC9 \$SC9 \$SP101 \$P102 \$P101 \$P102 \$P102 \$P102 \$P102 \$P102 \$P103 \$P103 \$P103 \$P103 \$P103 \$P104 \$P105 \$P106 \$	ATS  ATS  SSAJB  SSCJB  SSCJB  STATION SERVICE - APH  CABLE TRENCH  CA	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MP1-1P SYP1-1P SY	# 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4" 4"	PVC	300 300 300 404 401 101 110 110 110 110 110 110 1	SSATSJIAC, SSATSAIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC SSATSJIAC, SSATSJIAC, SSVTJIAC SSATSJIAC, SSATSJIAC, SSVTJIAC  MBPJ9YP1 MBPJ9YP1 MBPJ9YP2 MBPJACP1, MBPJACP2 94188/AC, 975T2/AC, 988T1/AC 94187IAC, 988PTIAC, 975PTIAC MBPJ9YP1, DBPJ188/AC, DR975T2/AC TR94188/AC, TR975T2/AC  GC94188/AC, GC98T1/AC, GC975T2/AC MBPJ9YP1, DBPJ188/AC, GC975T2/AC MBPJ9YP1, DBPJ188/AC, GC975T2/AC TR94188/AC S S S TR975T2/AC DR94188/AC TR94188/AC GC975T2/AC GC94188/AC L002 L001 L010 L01006 L001 L01006 L001 L011 L01	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	
\$SC3 \$SC4 \$SC5 \$SC6 \$SC5 \$SC6 \$SC6 \$SC6 \$SC7 \$SC8 \$SC7 \$SC8 \$SC7 \$SC8 \$SSC9 \$SC10  MBP1C2 MBP1C3 MBP1C3 MBP1C3 MBP1C4 MBP1C3 MBP1C4 MBP1C5 9VP1C1 9VP1C1 9VP1C1 9VP1C1 9VP1C1 PVP1C1 PVP	ATS SSAJB SSCJB SSCJB SSCJB STATION SERVICE - APH STATION SERVICE - OPH EMERGENCY STA SERV PAMDOUNT EMERGENCY STA SERV PAMDOUNT CABLE TRENCH CABLE T	CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH CABLE TRENCH SSAJB SSCJB DISTRIBUTION POLE RISER DISTRIBUTION POLE RISER MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MBP1-3P MP1-1P SYP1-1P SY	# 4" 4" 4" 4" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3" 3"	PVC	300 300 300 404 401 101 101 101 101 101 101 101 1	SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSLIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT2IAC SSATSLIAC, SSATSAIAC, SSVT1IAC  MBP19VP1 MBP19VP1 MBP19VP2 MBP1ACP1, MBP1ACP2 9418/IAC, 98871/AC, 98871/AC 941PI/AC, 98871/AC, 98871/AC MBP19VP1, DRS4188/AC, DR9751Z/AC MBP19VP1, DRS4188/AC, DR9751Z/AC MBP19VP2, SGATELIAC GC9418/IAC, GC9757Z/AC MBP19VP2, SGATELIAC SS DR9751Z/AC DR94188/IAC SS STR9751Z/AC TR94188/IAC GC98811/AC GC9881I/AC GC9951Z/AC GC9951Z/AC L002 L001 L018 L019 L020 L021 L001 L018 L009 L009 L009 L009 L001 L010 L011 L010 L005 L006 L011 L011 L012 L006 L001 L011 L012 L006 L011 L011 L012 L011 L012 L011 L012 L011 L012 L011 L012 L011 L012 L011 L011	Above grade conduit. Not shown on conduit plan. Cable installed and provided by distribution Cable installed and provided by distribution  SPARE  SPARE	

Month   Mont	CONDUIT#	From	То	Size (IN)	TYPE	LENGTH (FT)	CABLE IN CONDUIT	REMARKS	REV
Section						90	L017		
March	01.04	OLUMBA .	nuu on	lou.	Inuo.				T .
Color				2"			SLIG2/AC, SLIG3/AC, SLIG4/AC		<b>—</b>
1.00	SLC3			2"			SLIG3/AC, SLIG4/AC		
1.00				2"					
Column				2"					<b>—</b>
April				2"			SLIG4/AC		
1,000   1,00	SLC8	SLHH04	SLHH05	2"	PVC	120			
1.550				2"					<del>                                     </del>
1.55   1.56				2"					<b>—</b>
1.11   1.12				2"					
25-20   25-2				2"			SLIG5/AC		
1.000   1.000				2"			STICETAC STICETAC		<del>                                     </del>
March   Marc	SLC15			2"			SLIGS/AC, SLIG6/AC		<b>—</b>
Description	SLC17			2"			SLIG5/AC, SLIG6/AC, SLIG7/AC		
1.000   1.000	SLC18	SLHH09	SLHH01	2"	PVC	195	210440 211040 211040 211044		<del>                                     </del>
1,000   1,00	SI C19	SI HH10	Control House	3"	PVC	130			1
Section   Sect				3"					
				2"			SLIG1/AC, SLIG2/AC, SLIG3/AC, SLIG4/AC		
Section   Sect				2"			SI IC1/AC		<del>                                     </del>
Section   Sect				_					
SHEET	SP3C1		SP #3	2"					
STOCK   STORE				2"					<del>                                     </del>
SIGNED   SPET   F				2"					<del>                                     </del>
Second   S			SP #7						
Proc				2"			SLIG8/AC		
Green	CDC1	CDI II IO1	CDULLION	0"	DVC		COAMIAG COAMOIAG COAMOIAG		1
SPACE    S				2"			SCAMITAG, SCAMIZAG, SCAMIZAG		
Grant   Gran	SPC3	SPHH02	SPHH03	2"	PVC	305	SCAM1/AC, SCAM2/AC		
Green				2"			20114/10		
ST   SPINGE				2"					<del>                                     </del>
SPOIS   SPRINGS				2"					
STOCIAL   PRINCES   PRIN	SPC8	SPHH04	SPHH05	2"		120			
SECTION   SPRINGER				2"					<b>—</b>
SPECIAL   SPRINGE   SPRINGE   SPRINGE   P. P. P. C.   A. B. BEAMMACH   SPRINGE   SPRINGE   P. P. P. C.   SR. BEAMMACH   SPRINGE   SPRI				2"					<b>—</b>
SPICES   SPINES   S				2"					
SPECIAL   SPHIND				2"			SCAM8/AC		
Process				2"			COAMT/AC COAMD/AC		<del>                                     </del>
SPECIAL   SPHING				2"			SCAM//AC, SCAMB/AC		
\$P\$-150	SPC17			2"			SCAM6/AC, SCAM8/AC		
SPC21   SPHH10				2"					<b></b>
SPICE   SPINETS				2"					<b>—</b>
SPICE   SPHILE   SP #1   2"   WC				2"					
SPECE   SPHEID   SP HZ   2"   PVC   10   SCAMPANC				2"					
SPRINGE   SPRING   SPRING   SPRING   SPRING   SPRINGE   SPRINGE				2"					<b>—</b>
SPECE   SPHHS									
SPECE_  SPHEMB   SP #6   2"   PVC   1.0   SCAMPAICA	SP4C2		SP #4	2"					
SPYCE				2"					<del>                                     </del>
SPRECE   SPHH10				2"					
SCC1   SCHH01   SCHH02   2°   PVC   280   CABLE BY EAS ECURITY				2"					
SCC2   SCHH01		T							
SCH-92   SCH-903   SCH-903   SCH-903   SCH-904   SCH-905   SCH-904   SCH-904   SCH-904   SCH-904   SCH-904   SCH-904   SCH-905   SCH-904   SCH-905   SCH-904   SCH-905   SCH-904   SCH-905   SCH-904   SCH-905   SCH-904   SCH-905   SCH-905   SCH-906   SCH-905   SCH-906   SCH-906   SCH-906   SCH-906   SCH-906   SCH-906   SCH-906   SCH-906   SCH-906   SCH-907   SCH-906   SCH-906   SCH-907   SCH-907   SCH-906   SCH-907   SCH-9									
SCH-92   SCH-93   SCH-94   SCH-94   SCH-95   S				2"					
SCCF	SCC4	SCHH02	SCHH03	2"	PVC	305	CABLE BY JEA SECURITY		
SCCF  SCHH04									<u> </u>
SCCE  SCHHOB   SCHHOB   2"   PVC   120   CABLE BY JEA SECURITY									<b>—</b>
SCC10   SCHH05   SCHH06   2"   PVC   170   CABLE BY LAS ECURITY									
SCC11   SCHH06   SCHH07   2"   PVC	SCC9	SCHH05	SCHH06	2"	PVC	170	CABLE BY JEA SECURITY		
SCC12   SCHH06   SCHH07   2"   PVC				2"					1
SCC14   SCHH07   SCHH08   2"   PVC   305   CABLE BY LEA SECURITY				2"					
SCC15   SCHH08   SCHH09   2"   PVC   265 CABLE BY JEA SECURITY	SCC13	SCHH07	SCHH08		PVC	305	CABLE BY JEA SECURITY		
SCC16   SCHH08									<b>⊢</b>
SCC117   SCHH09   SCHH10   2"   PVC   195   CABLE BY JEA SECURITY				2"					<del>                                     </del>
SCC18   SCHH09   SCHH10   2°   PVC   195   CABLE BY JEA SECURITY				2"					
SCC21   SCHH10   CONTROL HOUSE   2"   PVC   130 CABLE BY JEA SECURITY	SCC18	SCHH09	SCHH10	2"	PVC	195	CABLE BY JEA SECURITY		
SCC21   SCHH10   SCHH01   2"   PVC   40 CABLE BY JEA SECURITY				2"					<del>                                     </del>
SCC22   SCHH10   SCHH01   2"   PVC   40 CABLE BY JEA SECURITY									
SP2C3   SCHH2   SP #2   2"   PVC   10 CABLE BY JEA SECURITY	SCC22	SCHH10	SCHH01	2"	PVC	40	CABLE BY JEA SECURITY		
SPAC3   SPH43   SP #3   2"   PVC   10 CABLE BY JEA SECURITY									
SP463   SCHH5   SP #4   2°   PVC									<del>                                     </del>
SPEC3   SCHH7   SP #5   2° PVC   10 CABLE BY JEA SECURITY									
SP7C3   SCHH9   SP #7   2"   PVC   10 CABLE BY JEA SECURITY	SP5C3	SCHH7	SP #5	_	PVC	10	CABLE BY JEA SECURITY		
SP#8   2"   PVC   10   CABLE BY JEA SECURITY	ICDCC2	IOOLULO.							<del>                                     </del>
GATE SECURITY				4					
ACRC1   SCHH4	SP7C3	SCHH9		2"	PVC			ı .	
SEC1   HOFF. SECURITY ENCLOSURE   SCHH4   2"   PVC   10   CABLE BY JEA SECURITY	SP7C3	SCHH9		2"	PVC	GATE SECURITY			
SEC2   HOFF. SECURITY ENCLOSURE   SCHH4   2°   PVC   10 CABLE BY JEA SECURITY	SP7C3 SP8C3 ACRC1	SCHH10 SCHH14	SP#8  CARD READER #1	2"	PVC	50			
SEC3         HOFF. SECURITY ENCLOSURE         SPHH4         2"         PVC         20 CABLE BY JEA SECURITY           SEC4         HOFF. SECURITY ENCLOSURE         SPHH4         2"         PVC         20 CABLE BY JEA SECURITY           GOC1         SPHH4         POWER DISCONNECT SWITCH         1"         PVC         10 CABLE BY JEA SECURITY           GOC2         POWER DISCONNECT SWITCH         GATER OPERATOR         1"         PVC         5           GOC3         SCHH4         GATER OPERATOR         1"         PVC         15 CABLE BY JEA SECURITY	SP7C3 SP8C3 ACRC1 ACRC2	SCHH9 SCHH10 SCHH4 SCHH3	SP#8  CARD READER#1  CARD READER#2	2"	PVC PVC	50 20	CABLE BY JEA SECURITY		
GOC1   SPH4   POWER DISCONNECT SWITCH   1"   PVC   10   CABLE BY JEA SECURITY	SP7C3 SP8C3 ACRC1 ACRC2 SEC1	SCHH9 SCHH10 SCHH4 SCHH3 HOFF. SECURITY ENCLOSURE	SP#8  CARD READER #1  CARD READER #2  SCHH4	2"	PVC PVC PVC	50 20 10	CABLE BY JEA SECURITY CABLE BY JEA SECURITY		
GOC2   POWER DISCONNECT SWITCH   GATER OPERATOR   1"   PVC   5	SP7C3 SP8C3  ACRC1 ACRC2 SEC1 SEC2 SEC3	SCHH9 SCHH10 SCHH4 SCHH3 HOFF, SECURITY ENCLOSURE HOFF, SECURITY ENCLOSURE HOFF, SECURITY ENCLOSURE	SP#8  CARD READER #1  CARD READER #2  SCHH4  SPHH4	2" 2" 2" 2" 2"	PVC PVC PVC PVC PVC	50 20 10 10 20	CABLE BY JEA SECURITY  CABLE BY JEA SECURITY  CABLE BY JEA SECURITY  CABLE BY JEA SECURITY		
GOC3 SCHH4 GATER OPERATOR 1" PVC 15 CABLE BY JEA SECURITY	SP7C3 SP8C3  ACRC1 ACRC2 SEC1 SEC2 SEC3 SEC4	SCHH9 SCHH10 SCHH4 SCHH4 HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE	SP#8	2" 2" 2" 2" 2" 2" 2"	PVC PVC PVC PVC PVC PVC	50 20 10 10 20 20	CABLE BY JEA SECURITY		
	SP7C3 SP8C3 ACRC1 ACRC2 SEC1 SEC2 SEC3 SEC4 GOC1	SCHH9 SCHH10 SCHH4 SCHH3 HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE	SP#8  CARD READER #1  CARD READER #2  SCHH4  SPHH4  SPHH4  POWER DISCONNECT SWITCH	2" 2" 2" 2" 2" 2"	PVC PVC PVC PVC PVC PVC PVC PVC	50 20 10 10 20 20 20	CABLE BY JEA SECURITY		
	SP7C3 SP8C3 ACRC1 ACRC2 SEC1 SEC2 SEC2 SEC3 SEC4 GOC1 GOC2	SCHH9 SCHH10 SCHH4 SCHH3 HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE HOFF. SECURITY ENCLOSURE SECURITY ENCLOSURE SPHH4 POWER DISCONNECT SWITCH	SP#8  CARD READER #1  CARD READER #2  SCHH4  SPHH4  SPHH4  SPHH4  GATER OPERATOR	2" 2" 2" 2" 2" 2" 1" 1"	PVC PVC PVC PVC PVC PVC PVC PVC PVC	50 20 10 10 20 20 20 10	CABLE BY JEA SECURITY		

CONDUIT#	From	То	Size (IN)	TYPE	LENGTH (FT)	CABLE IN CONDUIT	REMARKS	REV		
	FIBER OPTIC									
FOMH1C1	SMH1	FOMH1	4"	PVC	210	CABLE BY OTHERS				
FOMH1C2	FOMH1	CABLE TRENCH	4"	PVC	400	CABLE BY OTHERS				
FOMH2C1	SMH2	FOMH2	4"	PVC	425	CABLE BY OTHERS				
FOMH2C2	FOMH2	CABLE TRENCH	4"	PVC	400	CABLE BY OTHERS				
FOMH3C1	FOMH3	CABLE TRENCH	4"	PVC	140	CABLE BY OTHERS				
FOMH4C1	FOMH4	CABLE TRENCH	4"	PVC	175	CABLE BY OTHERS				