

DATE: November 6, 2025



**ADDENDUM NO. 1 TO ALL BIDDERS:**

Invitation to Bid: **ITB No. SOL1254**

Description: **Public Works Service Center and Fire Stations 4 & 6 Fueling Improvements**

Dated: October 31, 2025

Bid Due Date and Time: At or before 2:00 p.m. local time, on December 18, 2025.

Bid Opening Date and Time 3:00 p.m. local time, on December 18, 2025.

The following items clarify, modify, change, delete from or add to Contract Documents. When any paragraph, subparagraph, or sub-subparagraph thereof is modified or deleted by this Addendum, the unaltered provisions of that paragraph subparagraph or sub-subparagraph shall remain in effect.

A. Drawings: The Drawings listed below have been revised and copies of the revised drawings are attached to this Addendum as Attachment A.

SHEET NO.	SHEET TITLE	DESCRIPTION OF CHANGE
C004-PW	PHASING PLAN	General notes 1 & 2 were added to instruct Contractor to coordinate a temporary work trailer location with the owner and coordinate temporary fencing with phasing.
C005-PW	PHASING PLAN	General notes 1 & 2 were added to instruct Contractor to coordinate a temporary work trailer location with the owner and coordinate temporary fencing with phasing.
C006-PW	EXISTING CONDITIONS & DEMOLITION PLAN	Additional fencing is to be demolished near the main building.
C101-PW	DIMENSIONAL LAYOUT & UTILITY PLAN	<ul style="list-style-type: none"><li>The path of the UGC running to the main building was adjusted to be out of the pavement and within the grass.</li><li>Additional fencing is to be constructed near the main building.</li><li>New sidewalk is shown past the existing entrance of parcel # 3070320 along Courtland Road, NE</li><li>Turn down sidewalk was added for a portion of the new sidewalk along Sycamore Avenue, NE.</li><li>Entry equipment for new automatic vehicular gate was moved from a standalone post to a concrete base. Equipment provided by the Owner, concrete shall be provided by the Contractor.</li></ul>
C501-PW	SITE DETAILS	Detail 7 was added for turn down sidewalk.
C502-PW	SITE DETAILS	Detail 1 was revised to show keyless entry controls.
A001-FS6	NOTES & SPECIFICATIONS	Monitoring systems section removed from table.
A001-PW	NOTES & SPECIFICATIONS	Dimensions added to heavy duty metal storage rack under equipment section.
E501-	ELECTRICAL –	Typical Grounding Detail added to the sheet.

FS4	DETAILS	
E501-FS6	ELECTRICAL – DETAILS	Typical Grounding Detail added to the sheet.
E101-PW	ELECTRICAL – SITE PLAN	<ul style="list-style-type: none"> <li>• Sheet notes added/modified.</li> <li>• Conduits added for keyless entry at vehicular gate and pedestrian gate. Keyless entry equipment locations shown.</li> <li>• Conduits to vehicular gate operator were clarified.</li> <li>• Conduits to propane shown.</li> <li>• Conduit duct bank configurations modified (several places).</li> <li>• Conduit to main building relocated to be in the grass.</li> <li>• Conduit through main building to Telecom Room clarified.</li> </ul>
E102-PW	ELECTRICAL – SITE PLAN	<ul style="list-style-type: none"> <li>• Sheet notes added/modified</li> <li>• Conduit duct bank configurations modified (several places).</li> <li>• Two (2) camera locations added in lower lot.</li> </ul>
E502-PW	ELECTRICAL – DETAILS	<ul style="list-style-type: none"> <li>• Typical Grounding Detail added to the sheet.</li> <li>• Light pole base details modified to show security camera requirements.</li> </ul>
E601-PW	ELECTRICAL – ONE-LINE DIAGRAMS & PANEL SCHEDULES	<ul style="list-style-type: none"> <li>• One-line Diagram modified to show gate connections.</li> <li>• Panel ED modified.</li> </ul>

**Note:** Bidder's shall acknowledge receipt of this Addendum electronically through Oracle Fusion, by signing below or acknowledging on the Bid Form included in the Project Manual.

Thank you,

Stanley Wells, VCO, VCA  
Senior Buyer  
Phone: 540-853-1574

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

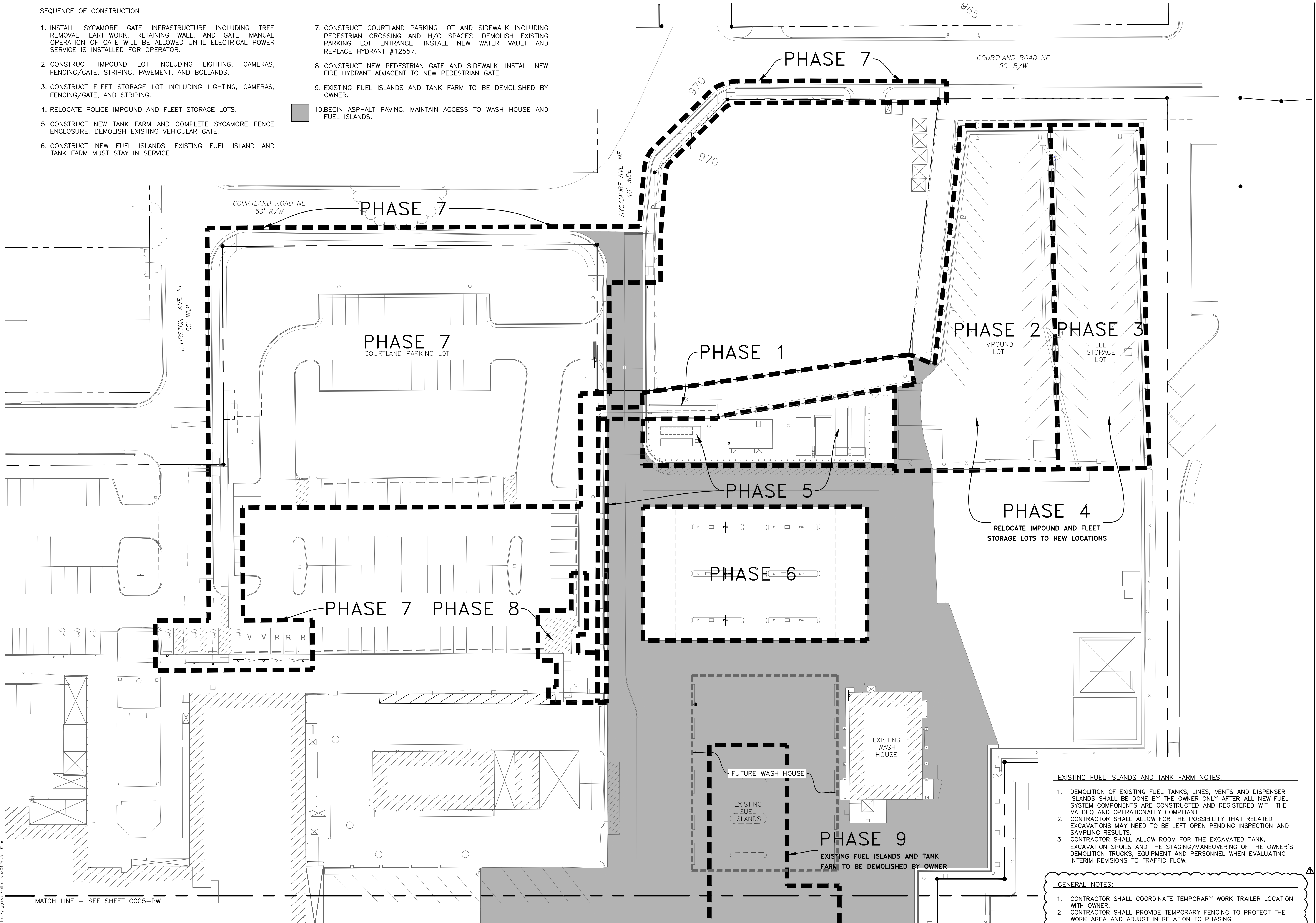
\_\_\_\_\_  
Date

**ATTACHMENT A TO**  
**ITB NO. SOL1254**  
**PUBLIC WORKS SERVICE CENTER AND FIRE STATIONS 4 & 6 FUELING IMPROVEMENTS**  
**REVISED DRAWINGS**

SEQUENCE OF CONSTRUCTION

1. INSTALL SYCAMORE GATE INFRASTRUCTURE INCLUDING TREE REMOVAL, EARTHWORK, RETAINING WALL, AND GATE. MANUAL OPERATION OF GATE WILL BE ALLOWED UNTIL ELECTRICAL POWER SERVICE IS INSTALLED FOR OPERATOR.
2. CONSTRUCT IMPOUND LOT INCLUDING LIGHTING, CAMERAS, FENCING/GATE, STRIPING, PAVEMENT, AND BOLLARDS.
3. CONSTRUCT FLEET STORAGE LOT INCLUDING LIGHTING, CAMERAS, FENCING/GATE, AND STRIPING.
4. RELOCATE POLICE IMPOUND AND FLEET STORAGE LOTS.
5. CONSTRUCT NEW TANK FARM AND COMPLETE SYCAMORE FENCE ENCLOSURE. DEMOLISH EXISTING VEHICULAR GATE.
6. CONSTRUCT NEW FUEL ISLANDS. EXISTING FUEL ISLAND AND TANK FARM MUST STAY IN SERVICE.

7. CONSTRUCT COURTLAND PARKING LOT AND SIDEWALK INCLUDING PEDESTRIAN CROSSING AND H/C SPACES. DEMOLISH EXISTING PARKING LOT ENTRANCE. INSTALL NEW WATER VAULT AND REPLACE HYDRANT #12557.
8. CONSTRUCT NEW PEDESTRIAN GATE AND SIDEWALK. INSTALL NEW FIRE HYDRANT ADJACENT TO NEW PEDESTRIAN GATE.
9. EXISTING FUEL ISLANDS AND TANK FARM TO BE DEMOLISHED BY OWNER.
10. BEGIN ASPHALT PAVING. MAINTAIN ACCESS TO WASH HOUSE AND FUEL ISLANDS.



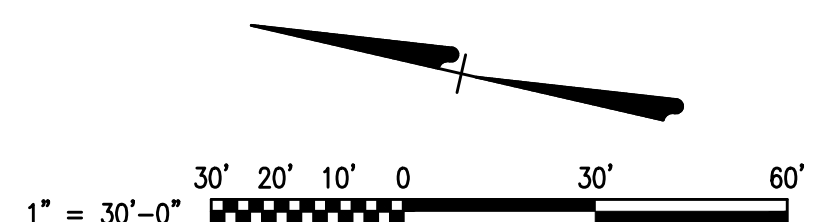
MATCH LINE - SEE SHEET C005-PW

EXISTING FUEL ISLANDS AND TANK FARM NOTES:

1. DEMOLITION OF EXISTING FUEL TANKS, LINES, VENTS AND DISPENSER ISLANDS SHALL BE DONE BY THE OWNER ONLY AFTER ALL NEW FUEL SYSTEM COMPONENTS ARE CONSTRUCTED AND REGISTERED WITH THE VA DEQ AND OPERATIONALLY COMPLIANT.
2. CONTRACTOR SHALL ALLOW FOR THE POSSIBILITY THAT RELATED EXCAVATIONS MAY NEED TO BE LEFT OPEN PENDING INSPECTION AND SAMPLING RESULTS.
3. CONTRACTOR SHALL ALLOW ROOM FOR THE EXCAVATED TANK, EXCAVATION SPOILS AND THE STAGING/MANEUVERING OF THE OWNER'S DEMOLITION TRUCKS, EQUIPMENT AND PERSONNEL WHEN EVALUATING INTERIM REVISIONS TO TRAFFIC FLOW.

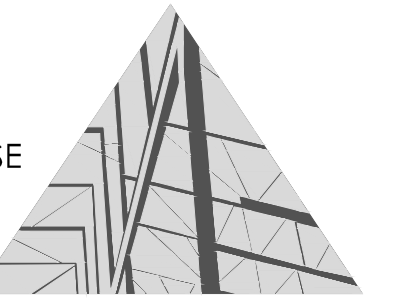
GENERAL NOTES:

1. CONTRACTOR SHALL COORDINATE TEMPORARY WORK TRAILER LOCATION WITH OWNER.
2. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING TO PROTECT THE WORK AREA AND ADJUST IN RELATION TO PHASING.



**SPECTRUM DESIGN**  
architects | engineers

Plaza Suite 1  
10 Church Avenue, SE  
Roanoke, VA 24011  
540.342.6001  
SPECTRUMPC.COM



**CITY OF ROANOKE**  
**REFUELING CENTERS**  
**PUBLIC WORKS**  
**SERVICE CENTER**

ROANOKE CITY PROJECT NO.: **RFP #24-10-66**  
Spectrum Design Project No.: **23181**



PROJ. MGR.: **MAR** CHECKED BY: **MAR** DRAWN BY: **AGA**

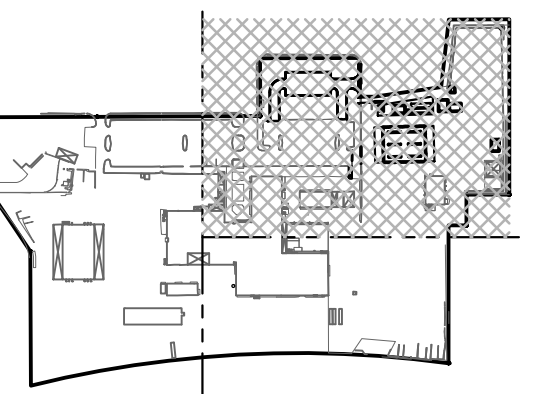
SHEET ISSUE DATE:  
**10.10.2025**

PROJECT PHASE:  
**BID DOCUMENTS**

SCALE:  
**AS SHOWN**  
**24"x36" SHEET**

SHEET REVISIONS:  
REV 1 ADDENDUM 1 11.05.2025

KEY PLAN:



SHEET NAME:  
**PHASING PLAN**

SHEET NUMBER:  
**C004-PW**

APPROVAL STAMP



SEQUENCE OF CONSTRUCTION

1. INSTALL SYCAMORE GATE INFRASTRUCTURE INCLUDING TREE REMOVAL, EARTHWORK, RETAINING WALL, AND GATE. MANUAL OPERATION OF GATE WILL BE ALLOWED UNTIL ELECTRICAL POWER SERVICE IS INSTALLED FOR OPERATOR.
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7. CONSTRUCT COURTLAND PARKING LOT AND SIDEWALK INCLUDING PEDESTRIAN CROSSING AND H/C SPACES. DEMOLISH EXISTING PARKING LOT ENTRANCE. INSTALL NEW WATER VAULT AND REPLACE HYDRANT #12557.

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9. EXISTING FUEL ISLANDS AND TANK FARM TO BE DEMOLISHED BY OWNER.

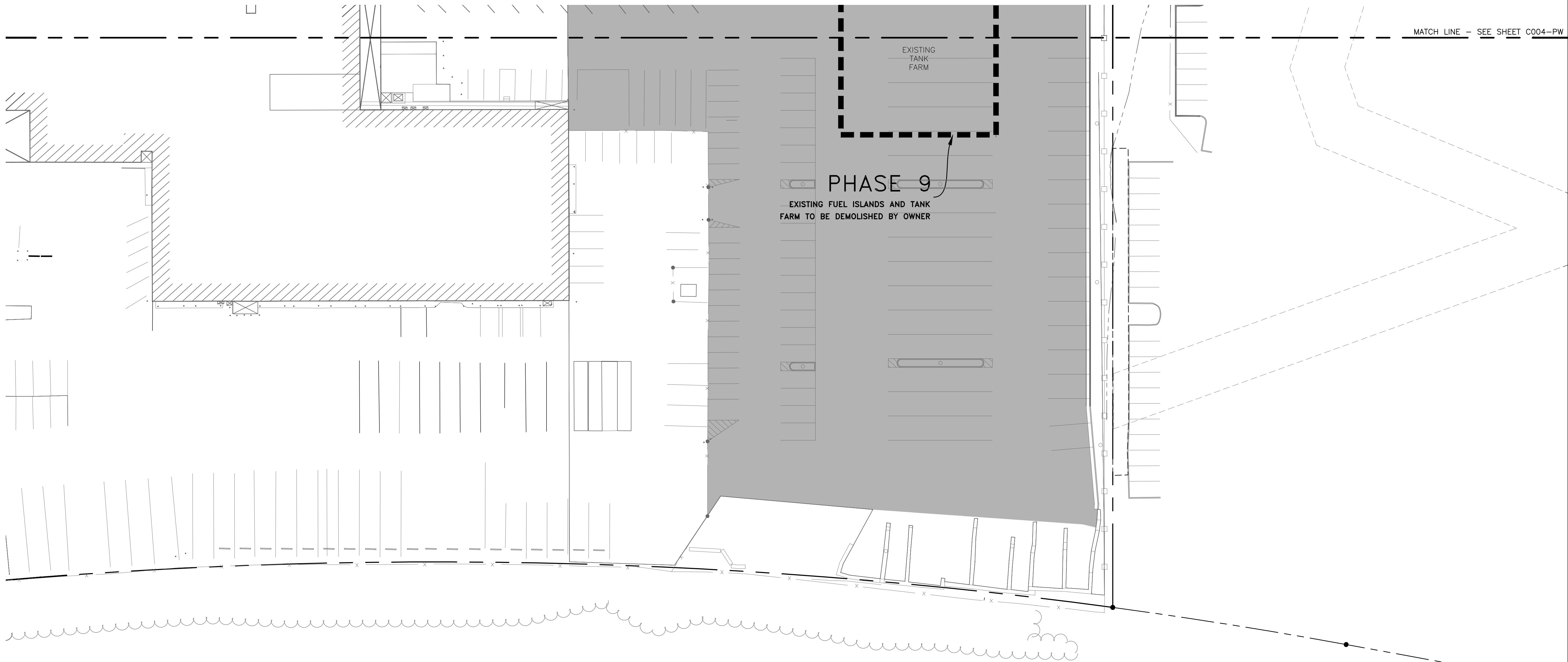
10. BEGIN ASPHALT PAVING. MAINTAIN ACCESS TO WASH HOUSE AND FUEL ISLANDS.

EXISTING FUEL ISLANDS AND TANK FARM NOTES:

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2. CONTRACTOR SHALL ALLOW FOR THE POSSIBILITY THAT RELATED EXCAVATIONS MAY NEED TO BE LEFT OPEN PENDING INSPECTION AND SAMPLING RESULTS.
3. CONTRACTOR SHALL ALLOW ROOM FOR THE EXCAVATED TANK, EXCAVATION SPOILS AND THE STAGING/MANEUVERING OF THE OWNER'S DEMOLITION TRUCKS, EQUIPMENT AND PERSONNEL WHEN EVALUATING INTERIM REVISIONS TO TRAFFIC FLOW.

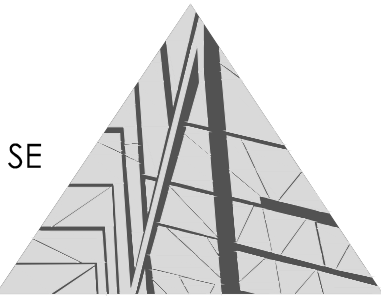
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2. CONTRACTOR SHALL PROVIDE TEMPORARY FENCING TO PROTECT THE WORK AREA AND ADJUST IN RELATION TO PHASING.



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REFUELING CENTERS  
PUBLIC WORKS  
SERVICE CENTER

ROANOKE CITY PROJECT NO.: RFP #24-10-66  
Spectrum Design Project No.: 23181



PROJ. MGR.: CHECKED BY: DRAWN BY:  
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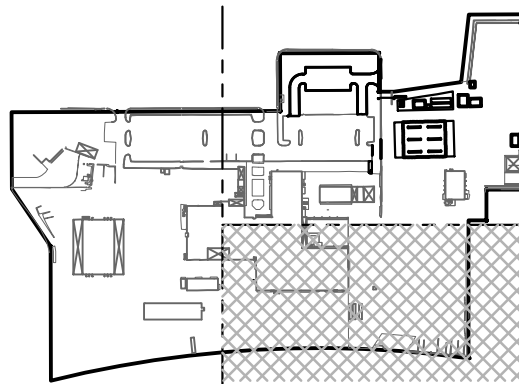
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SHEET NAME:  
PHASING PLAN

SHEET NUMBER:  
C005-PW

AHJ APPROVAL STAMP

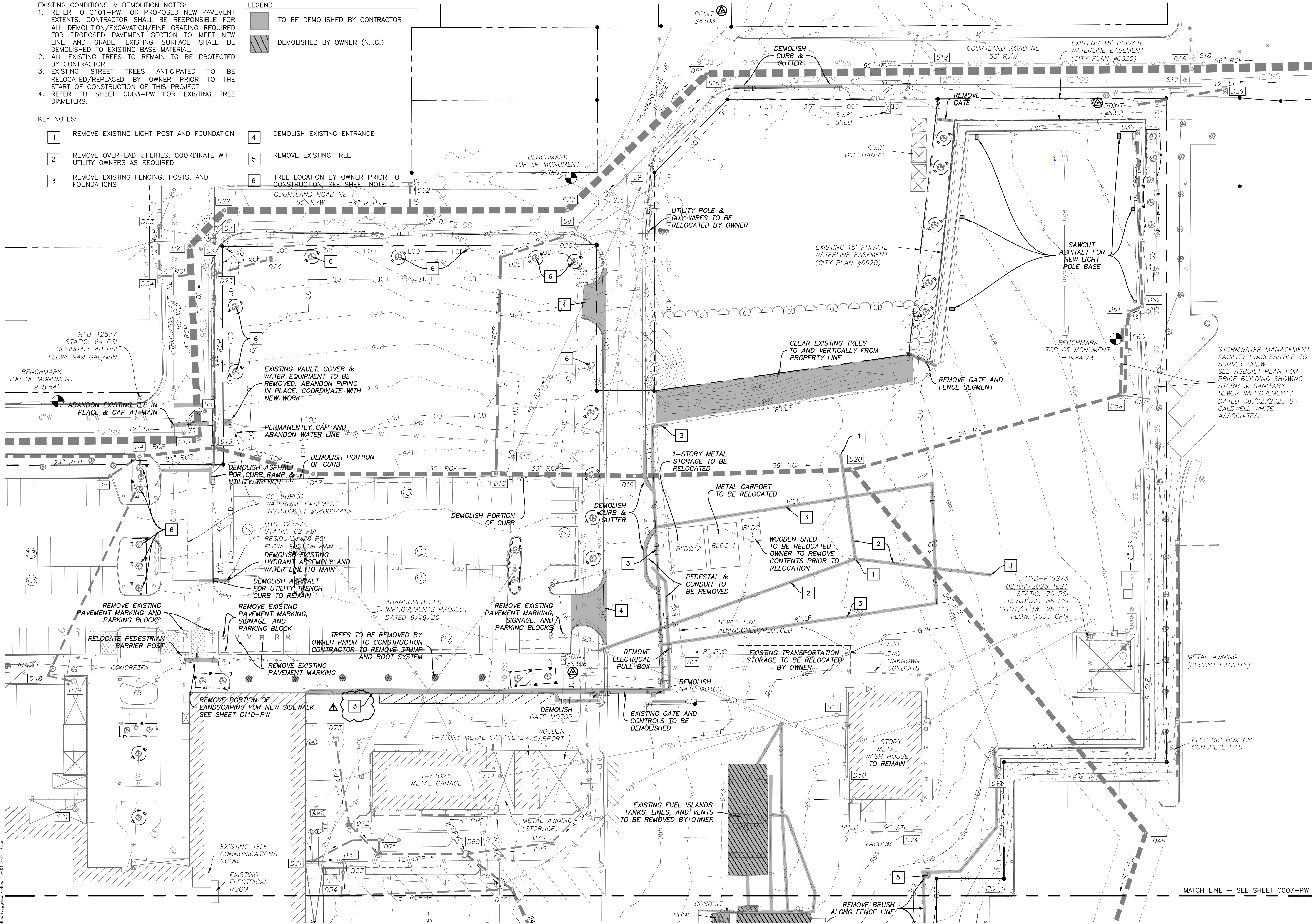


EXISTING CONDITIONS & DEMOLITION NOTES:  
1. REFER TO C101-PW FOR PROPOSED NEW PAVEMENT EXTENTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION/EXCAVATION/FINE GRADING REQUIRED FOR PROPOSED PAVEMENT SECTION TO MEET NEW LINE AND GRADE. EXISTING SURFACE SHALL BE DEMOLISHED TO EXISTING BASE MATERIAL.  
2. ALL EXISTING TREES TO REMAIN TO BE PROTECTED BY CONTRACTOR.  
3. EXISTING STREET TREES ANTICIPATED TO BE RELOCATED/REPLACED BY OWNER PRIOR TO THE START OF CONSTRUCTION OF THIS PROJECT.  
4. REFER TO SHEET C003-PW FOR EXISTING TREE DIAMETERS.

KEY NOTES:

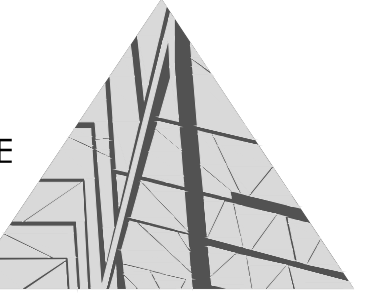
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|---|---|---|--|
| 1 | REMOVE EXISTING LIGHT POST AND FOUNDATION                             | 4 | DEMOLISH EXISTING ENTRANCE                                     |
| 2 | REMOVE OVERHEAD UTILITIES, COORDINATE WITH UTILITY OWNERS AS REQUIRED | 5 | REMOVE EXISTING TREE   |
| 3 | REMOVE EXISTING FENCING, POSTS, AND FOUNDATIONS                       | 6 | TREE LOCATION BY OWNER PRIOR TO CONSTRUCTION. SEE SHEET NOTE 3 |

LEGEND  
TO BE DEMOLISHED BY CONTRACTOR  
DEMOLISHED BY OWNER (N.I.C.)



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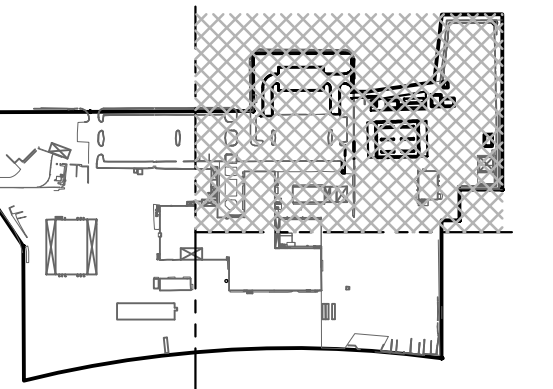
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REV 1 ADDENDUM 1 11.05.2025

KEY PLAN:



SHEET NAME:  
EXISTING CONDITIONS  
& DEMOLITION PLAN


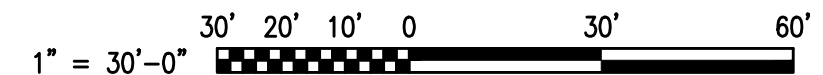
SHEET NUMBER:  
C006-PW

APPROVAL STAMP



1. RELOCATED BUILDINGS (1, 2, 3) ARE TO BE PLACED DIRECTLY ON ASPHALT PAVEMENT UNLESS SPECIFICALLY DIRECTED OTHERWISE.
2. SEE C108-PW FOR SIGNAGE & PAVEMENT MARKINGS.
3. LOCATION OF EXISTING UTILITIES SHOWN TO BE VERIFIED BY CONTRACTOR PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY DAMAGES TO EXISTING UTILITIES RESULTING FROM CONSTRUCTION.
4. UNLESS OTHERWISE NOTED, ALL LINEAR AND RADIAL DIMENSIONS ARE TO THE FACE OF CURB.
5. WATERLINE AND SANITARY SEWER INSTALLATION TO BE IN ACCORDANCE WITH WESTERN VIRGINIA WATER AUTHORITY STANDARDS AND DETAILS.
6. NO CONSTRUCTION OR FIELD CHANGES ARE TO BE MADE WITHOUT APPROVAL FROM THE A/E, OWNER, AND CITY.
7. SITE POWER SUPPLY/COMMUNICATIONS INFRASTRUCTURE - FOR REFERENCE ONLY. REFER TO ELEC. SHEETS FOR MORE INFORMATION.
8. THE SIGHT DISTANCE AT PROPOSED ENTRIES CONFORMS TO AASHTO GUIDELINES FOR INTERSECTION SIGHT DISTANCE.

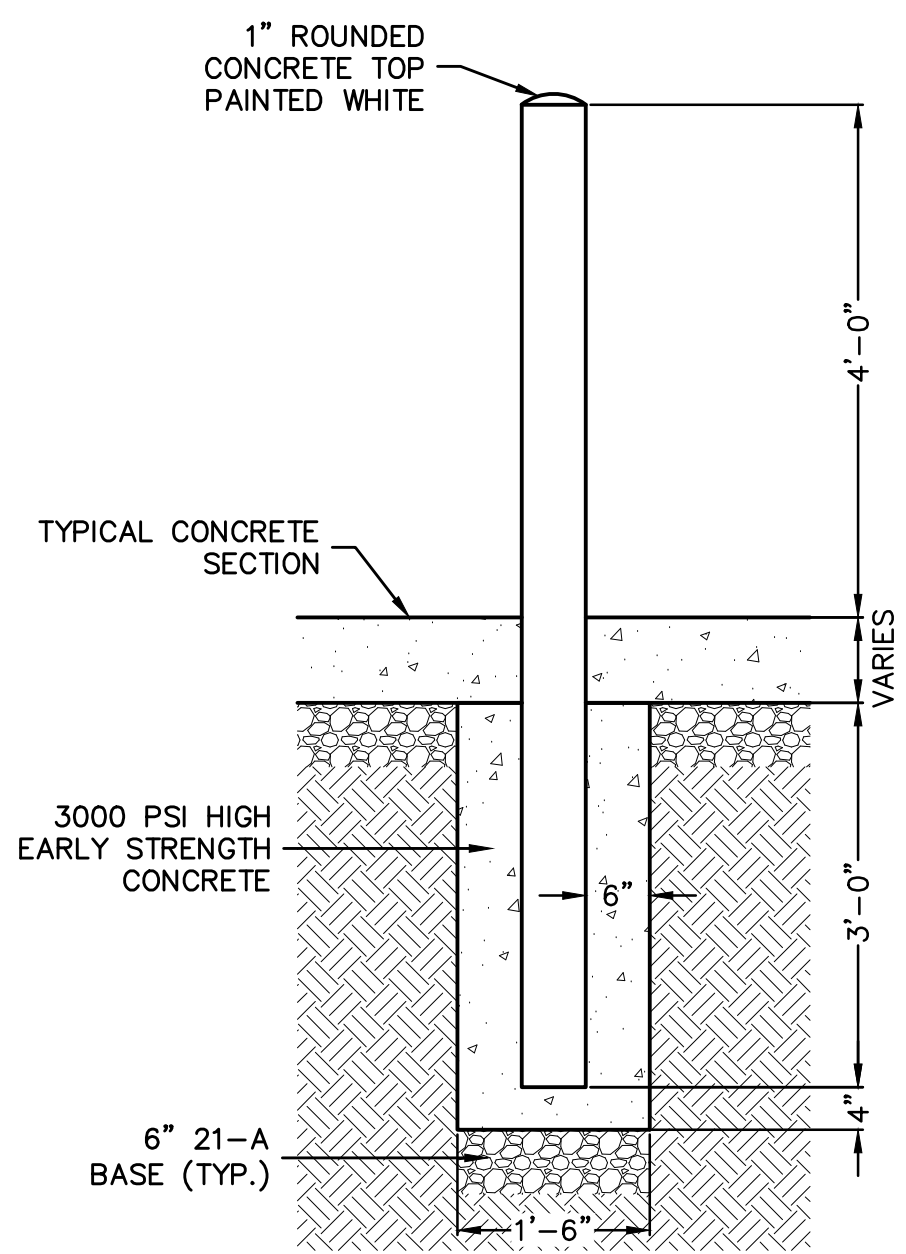
1	PROPOSED CG-2 SEE DETAIL 5/C501-PW	8	PROPOSED SANITARY YARD HYDRANT CENTERED ON ISLAND SEE SPECIFICATION 331116
2	PROPOSED CG-6 SEE DETAIL 5/C501-PW	9	PROPOSED 20'X30' BLDG SEE SHEETS A101-PW & S102-PW
3	PROPOSED VDOT STD CG-9B (MOD) SEE PLAN NOTE 9	10	PROPOSED RETAINING WALL SEE DETAIL 3/C502-PW & S102-PW
4	PROPOSED TRAFFIC BOLLARD SPACED @ 4.00' O.C. (TYP.) SEE DETAIL 1/C501-PW	11	PROPOSED 5.00' SIDEWALK SEE DETAIL 6/C502-PW
5	PROPOSED U-SHAPED BOLLARD (TYP. OF EA END OF ISLANDS) SEE DETAIL 2/C501-PW	12	PROPOSED VDOT STD CG-12
6	PROPOSED IMPOUND LOT BOLLARD CENTERED ON SPACE (TYP.) SEE DETAIL 3/C501-PW	13	ROUTE FENCE AROUND HYDRANT AND 11' x 11' CONCRETE PAD
7	PROPOSED LIGHT POLE BASE SEE SHEET E101L-PW	14	PROPOSED FIRE HYDRANT ASSEMBLY SEE WYWA W-17
		15	PROPOSED TANK FOOTINGS SEE DETAIL 10/C501-PW



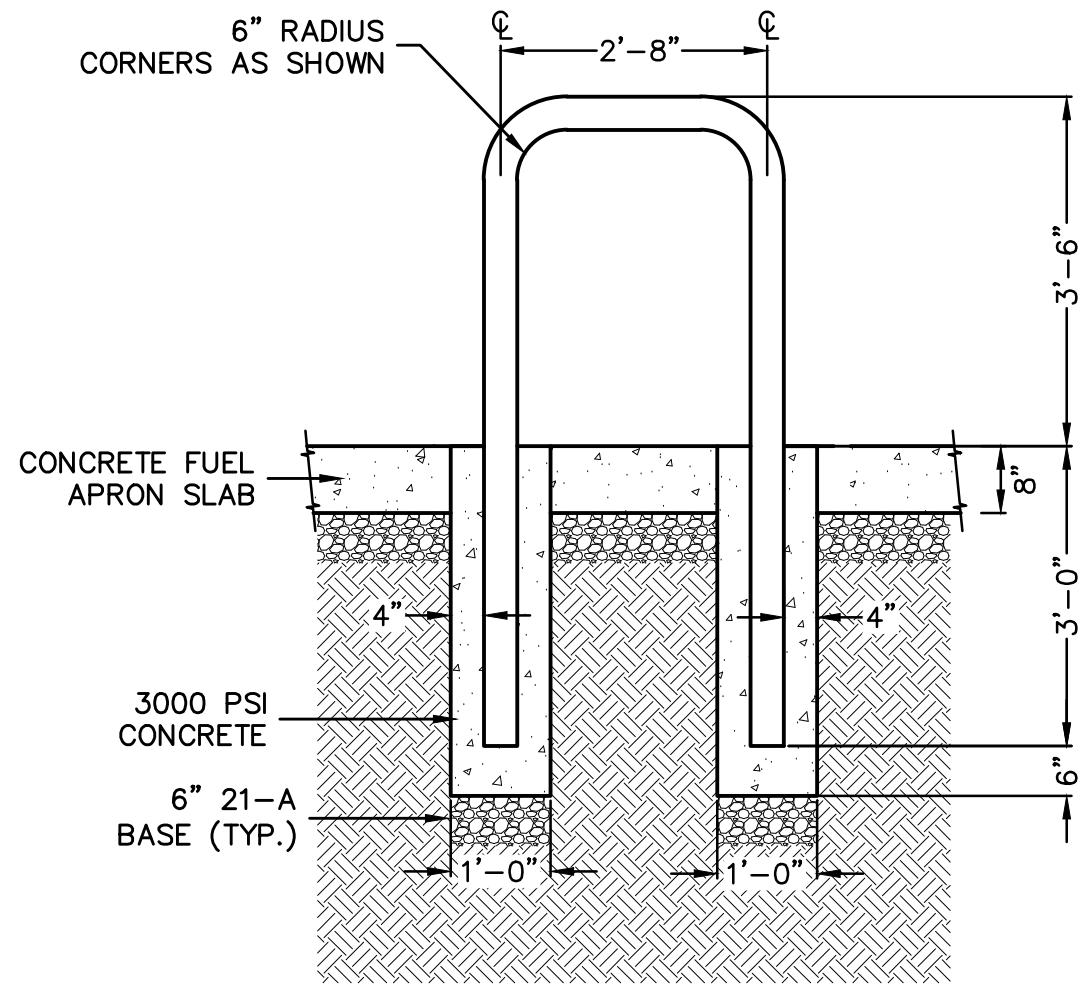
COMMONWEALTH OF VIRGINIA  
MICHAEL A. RAKES  
Lic. No. 28199  
10.10.2025  
PROFESSIONAL ENGINEER

SHEET NUMBER:  
**C101-PW**

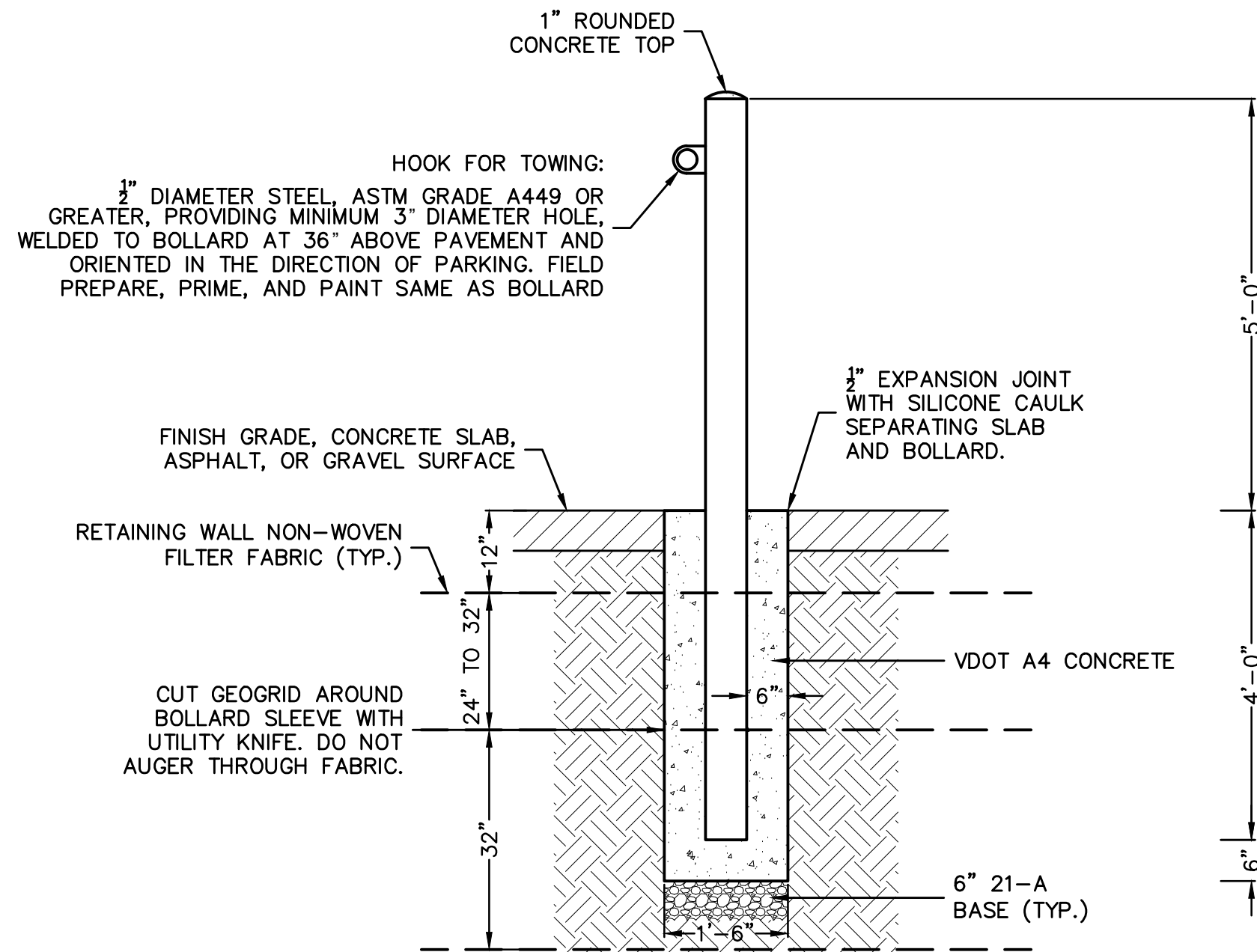
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**1 TRAFFIC BOLLARD DETAIL (6" DIA)**  
C101 C501 NO SCALE  
NOTE:  
6" DIAMETER SCH 40 STEEL PIPE BOLLARD FILLED WITH 3000 PSI CONCRETE. PAINT WITH RUST PROHIBITIVE PRIMER AND ENAMEL INTERNATIONAL YELLOW (TOP SHALL BE WHITE). FIELD VERIFY BOLLARD LOCATIONS WITH ARCHITECT.

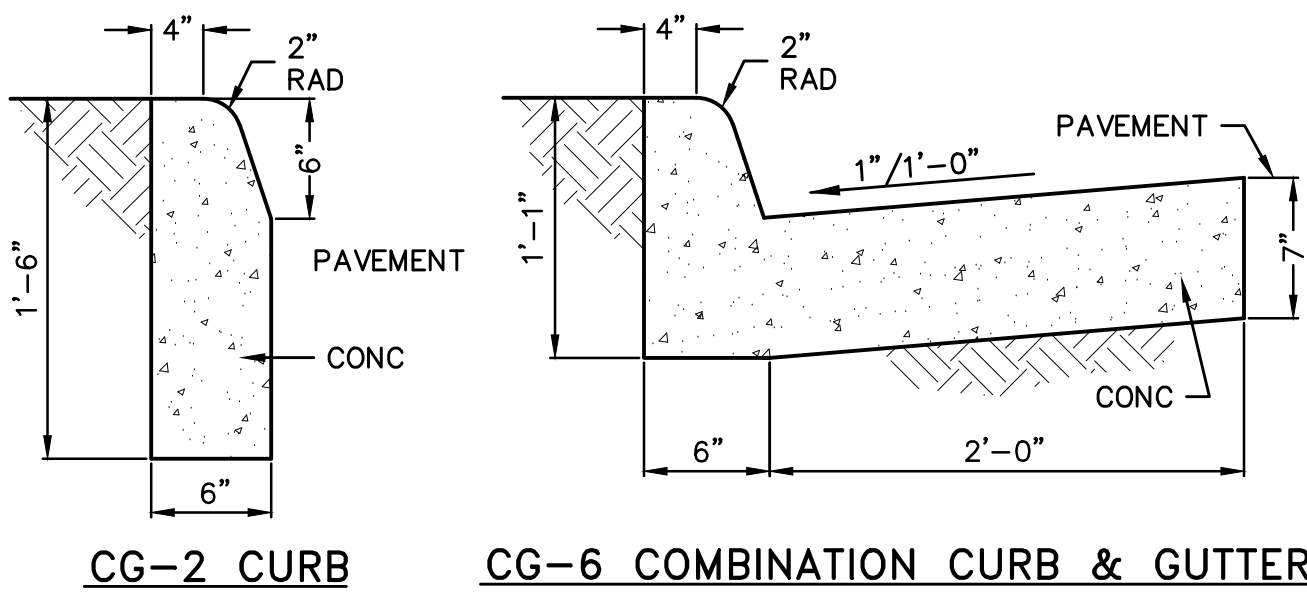


**2 U-SHAPED BOLLARD DETAIL**  
C101 C501 NO SCALE  
NOTE:  
4" DIAMETER U-SHAPED SCH 40 STEEL PIPE BOLLARD FILLED WITH VDOT A4 CONCRETE. PAINT WITH RUST PROHIBITIVE PRIMER AND ENAMEL INTERNATIONAL YELLOW.

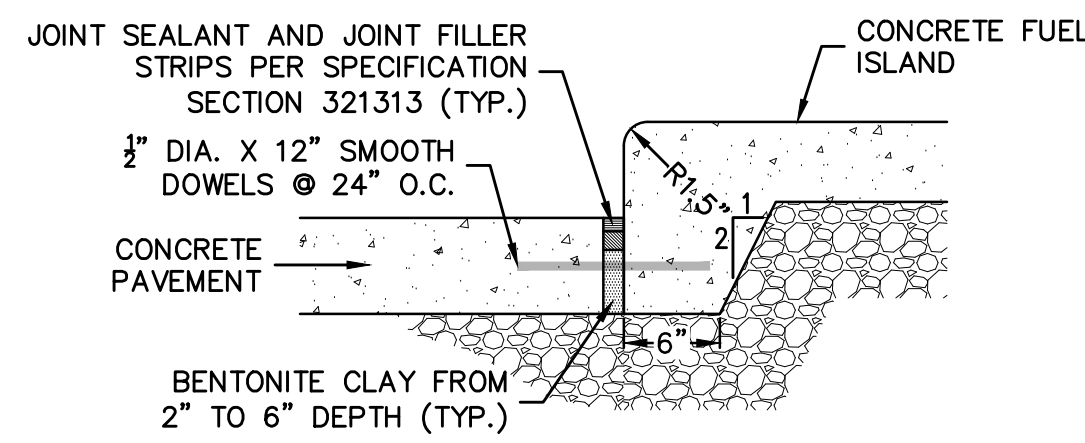


**3 IMPOUND LOT BOLLARD DETAIL (6" DIA)**  
C101 C501 NO SCALE  
NOTE:  
6" DIAMETER SCH 40 STEEL PIPE BOLLARD FILLED WITH VDOT A4 CONCRETE. PAINT WITH RUST PROHIBITIVE PRIMER AND ENAMEL INTERNATIONAL YELLOW.

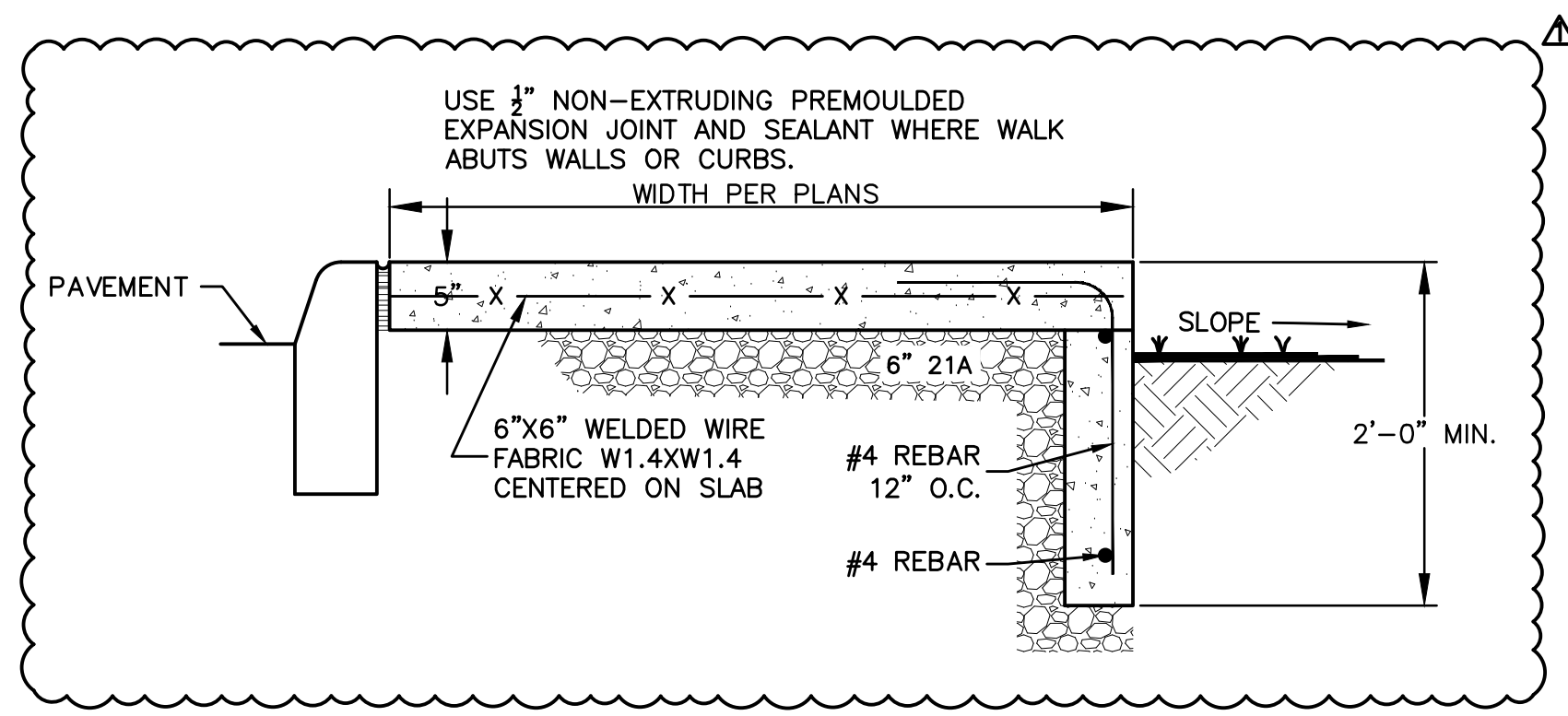
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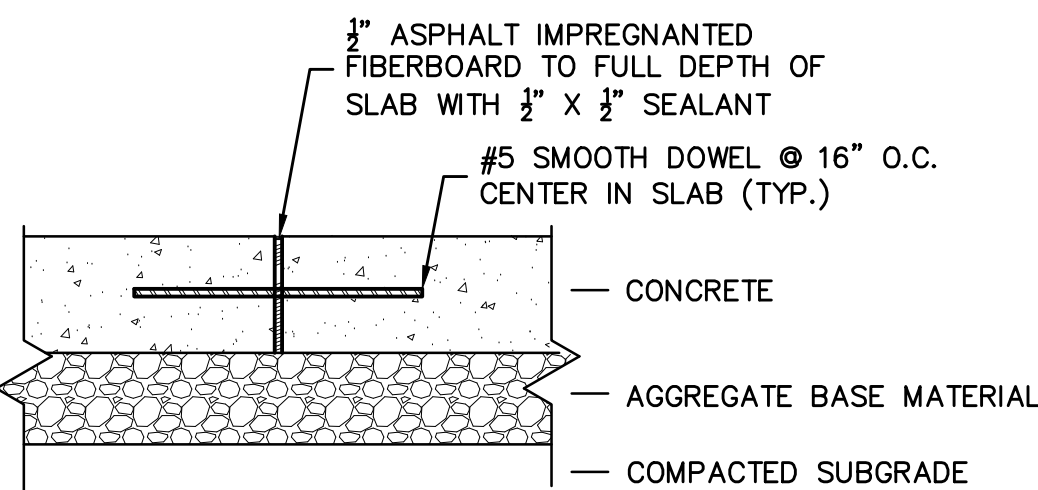
**5 CURBING**  
C101 C501 NO SCALE  
NOTE: BASE AND SUBGRADE PER VDOT STDS.



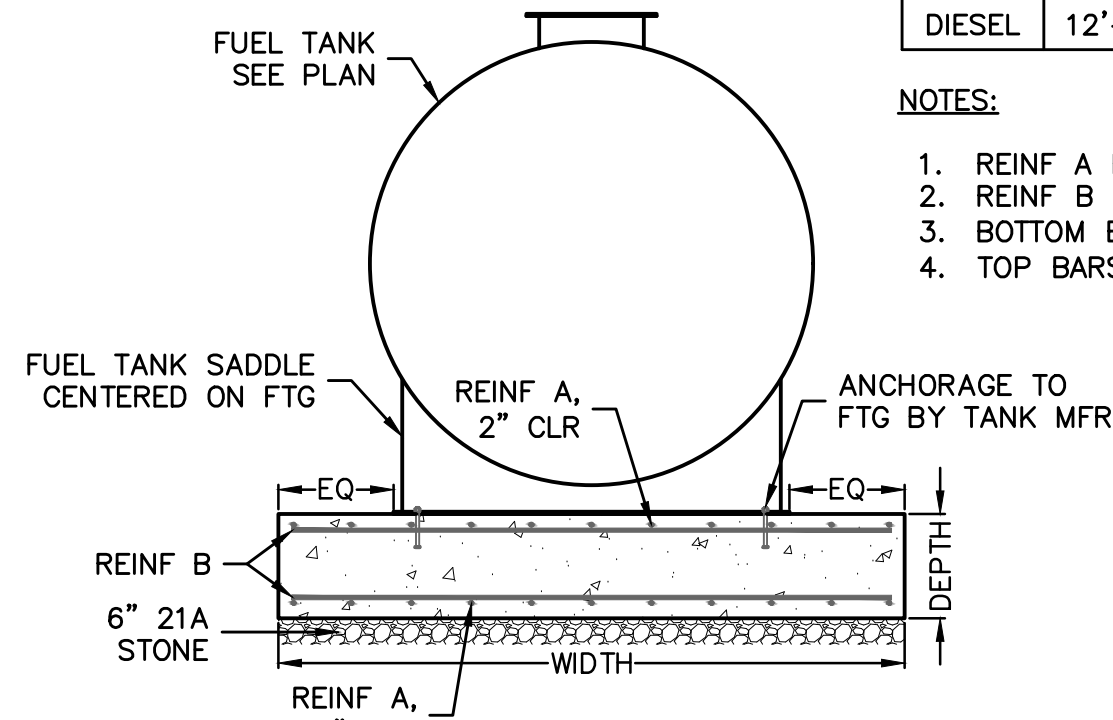
**6 ISLAND EDGE DETAIL**  
C101 C501 NO SCALE  
NOTE: SEE DETAIL 9/C501-PW FOR CONCRETE, BASE STONE, AND SUBGRADE REQUIREMENTS.



**7 TURN DOWN SIDEWALK**  
C101 C501 NO SCALE



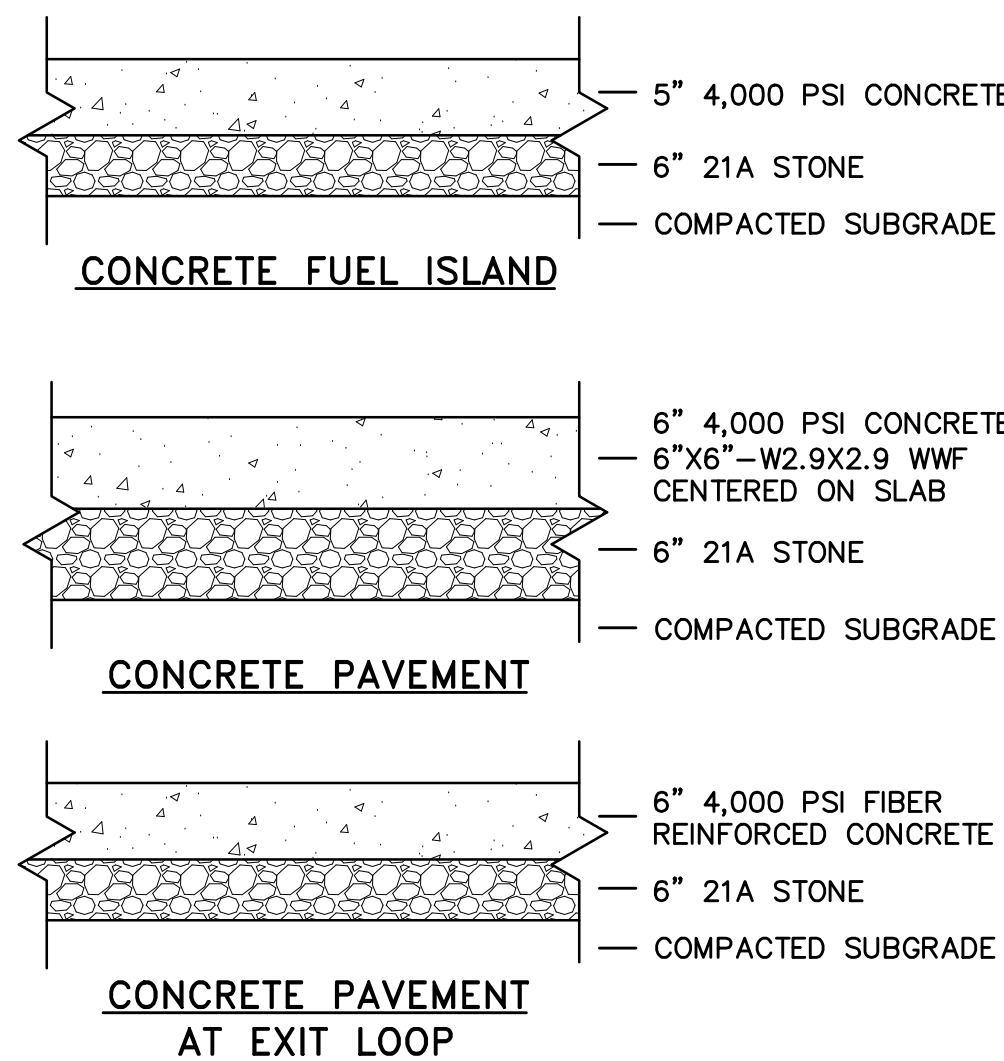
**8 EXPANSION JOINT DETAIL**  
C101 C501 NO SCALE



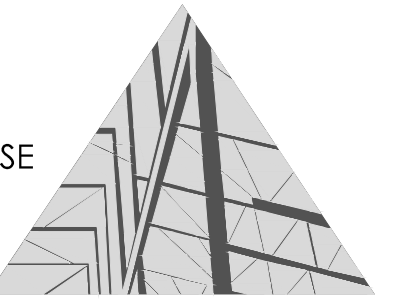
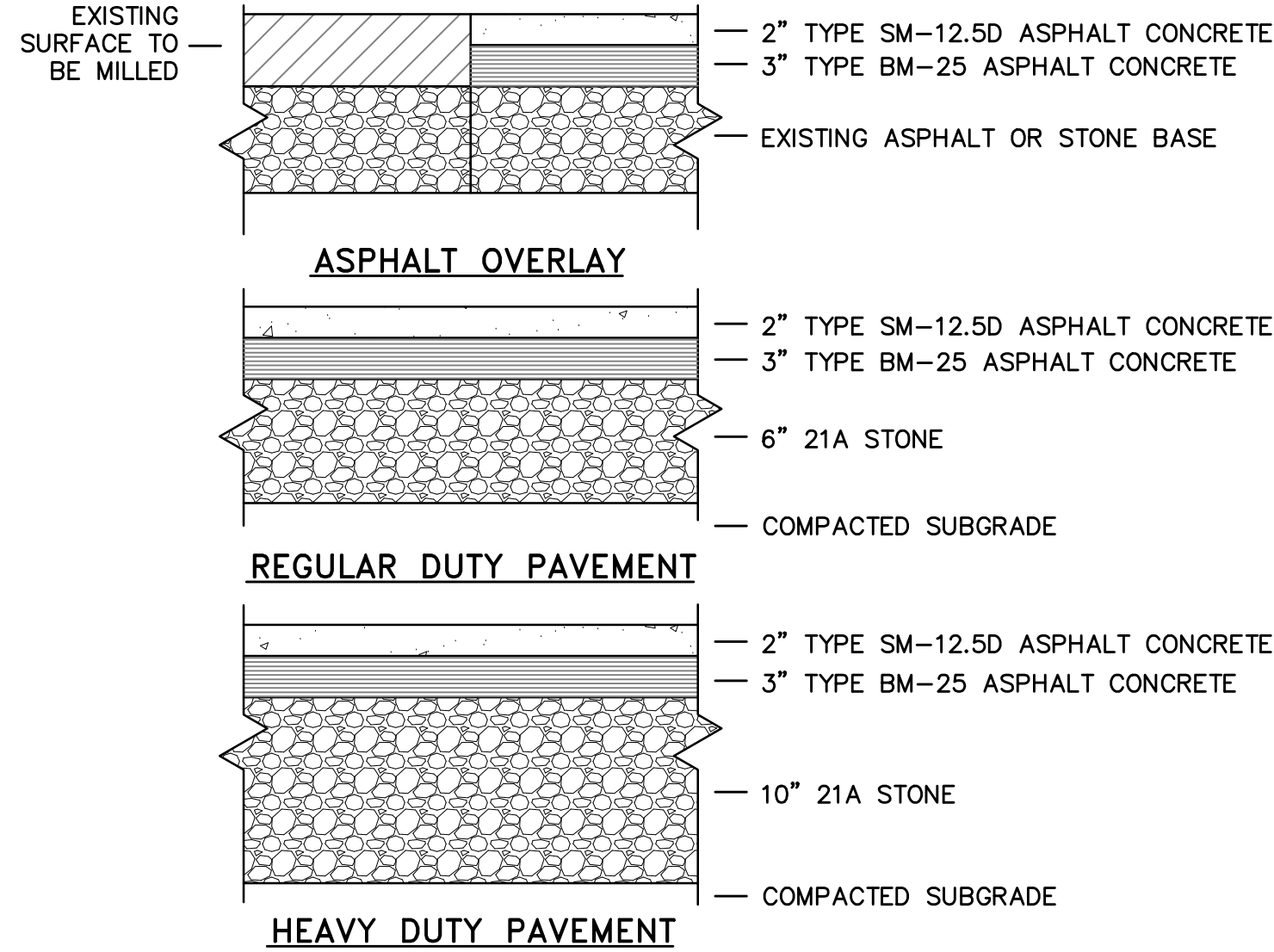
**10 TANK FOOTING DETAIL**  
C101 C501 NO SCALE

FOOTING SCHEDULE					
MARK	WIDTH	LENGTH	DEPTH	REINF A	REINF B
GASOLINE	10'-0"	7'-0"	2'-0"	(9)#7	(7)#7
DIESEL	12'-0"	8'-0"	2'-0"	(11)#7	(7)#7

- NOTES:
1. REINF A BARS ARE PARALLEL TO THE LENGTH.
  2. REINF B BARS ARE PARALLEL TO THE WIDTH.
  3. BOTTOM BARS SHALL HAVE 3" CLEAR COVER.
  4. TOP BARS SHALL HAVE 2" CLEAR COVER.



**9 PAVEMENT SECTIONS**  
C101 C501 NO SCALE



**CITY OF ROANOKE**  
**REFUELING CENTERS**  
**PUBLIC WORKS**  
**SERVICE CENTER**

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PROJ. MGR.: **MAR** CHECKED BY: **MAR** DRAWN BY: **AGA**

SHEET ISSUE DATE:  
**10.10.2025**

PROJECT PHASE:  
**BID DOCUMENTS**

SCALE:  
**AS SHOWN**  
**24"x36" SHEET**

SHEET REVISIONS:  
**REV 1** **ADDENDUM 1** **11.05.2025**

KEY PLAN:

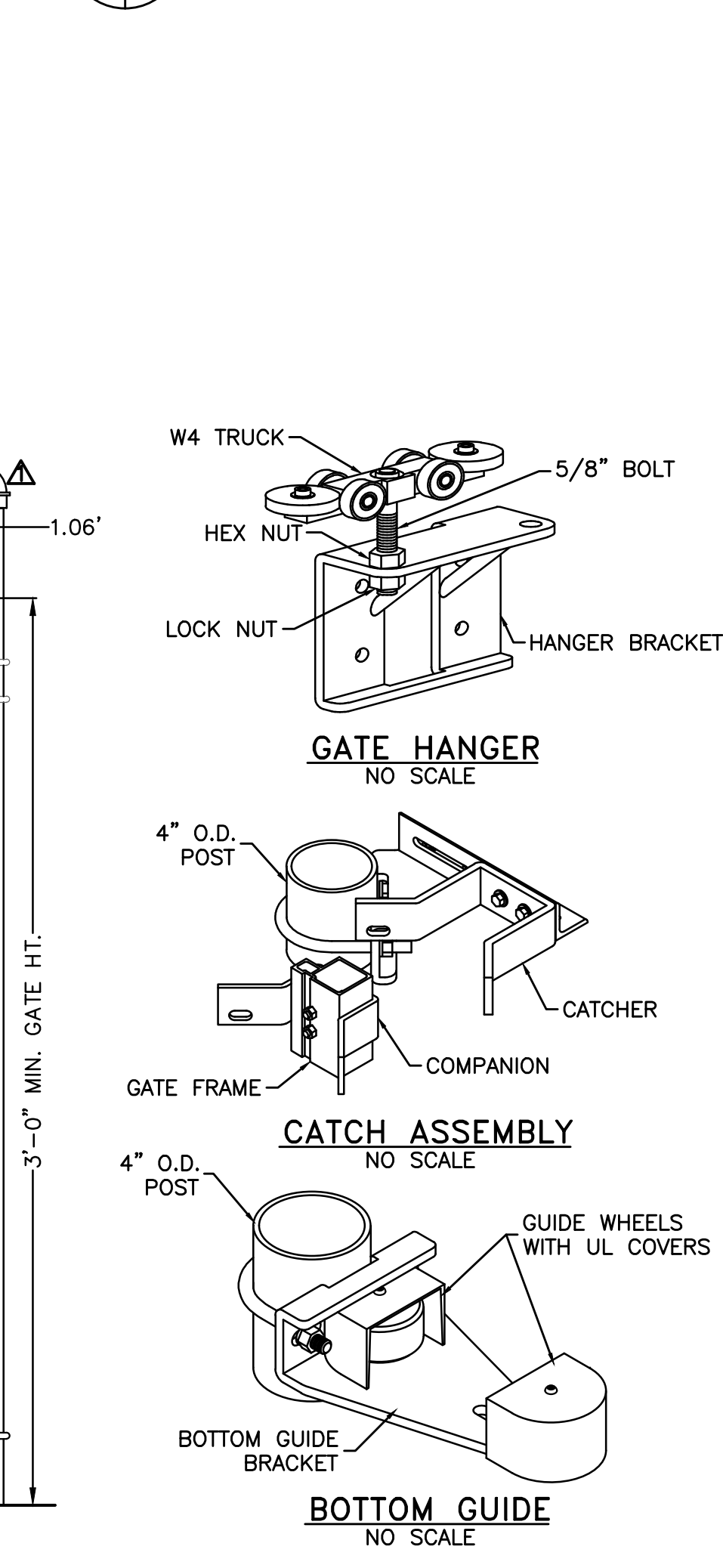
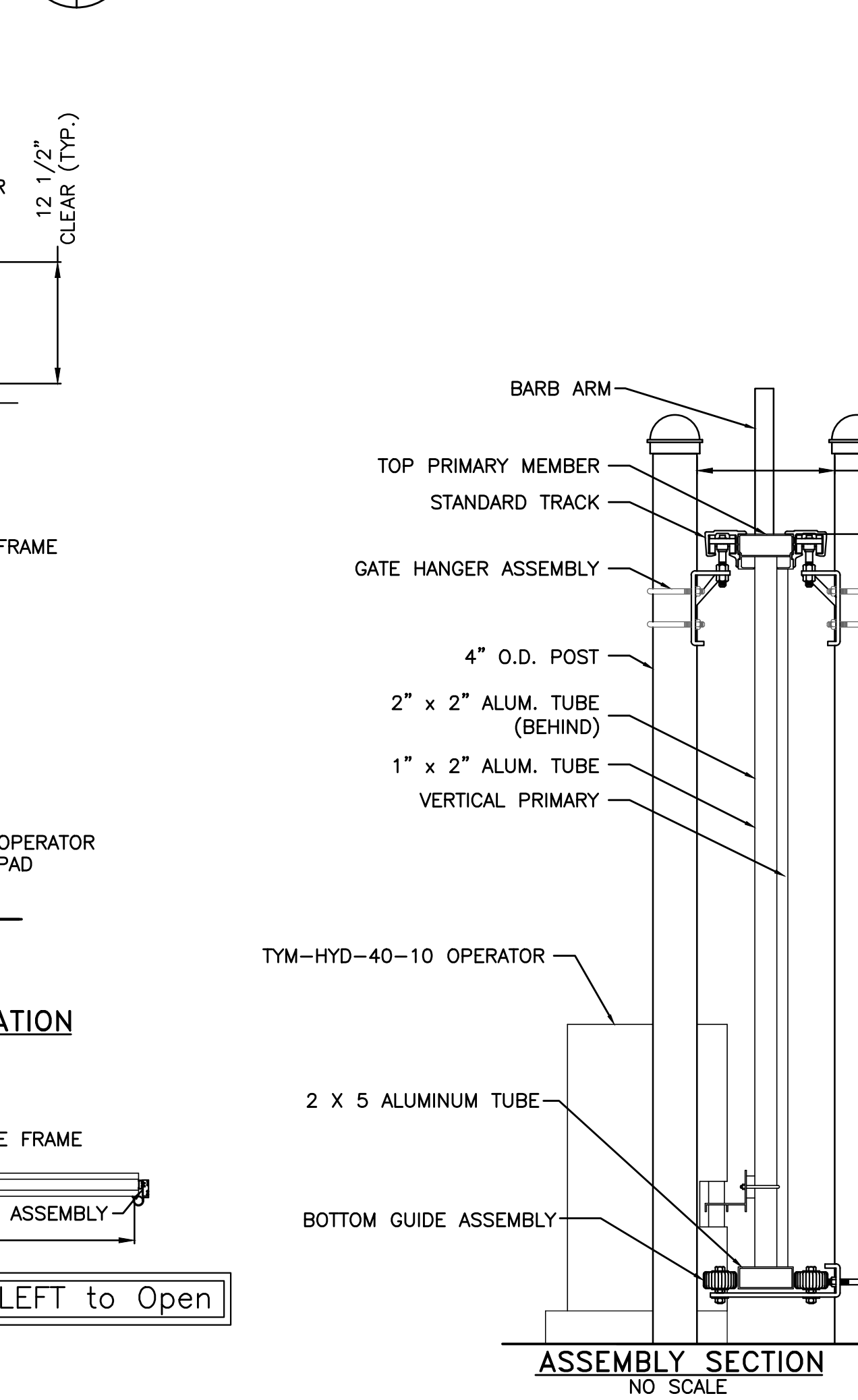
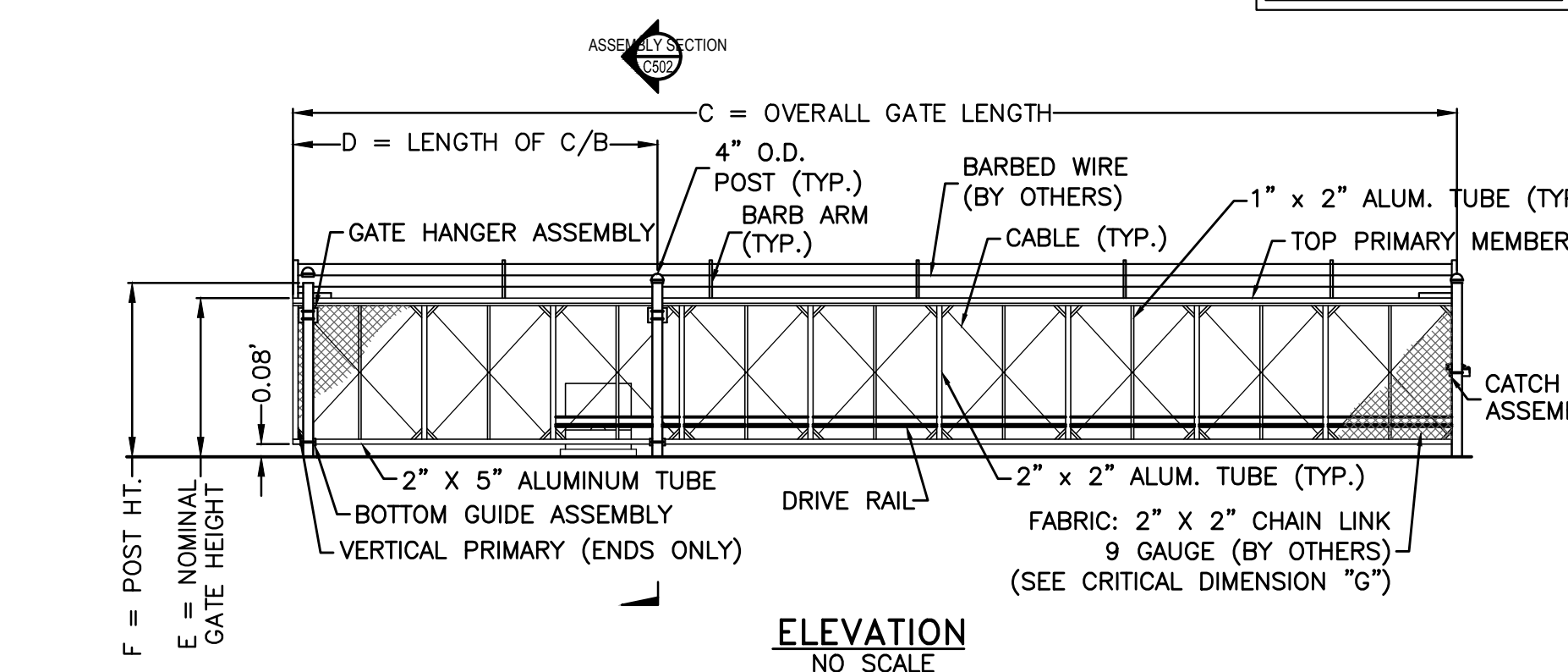
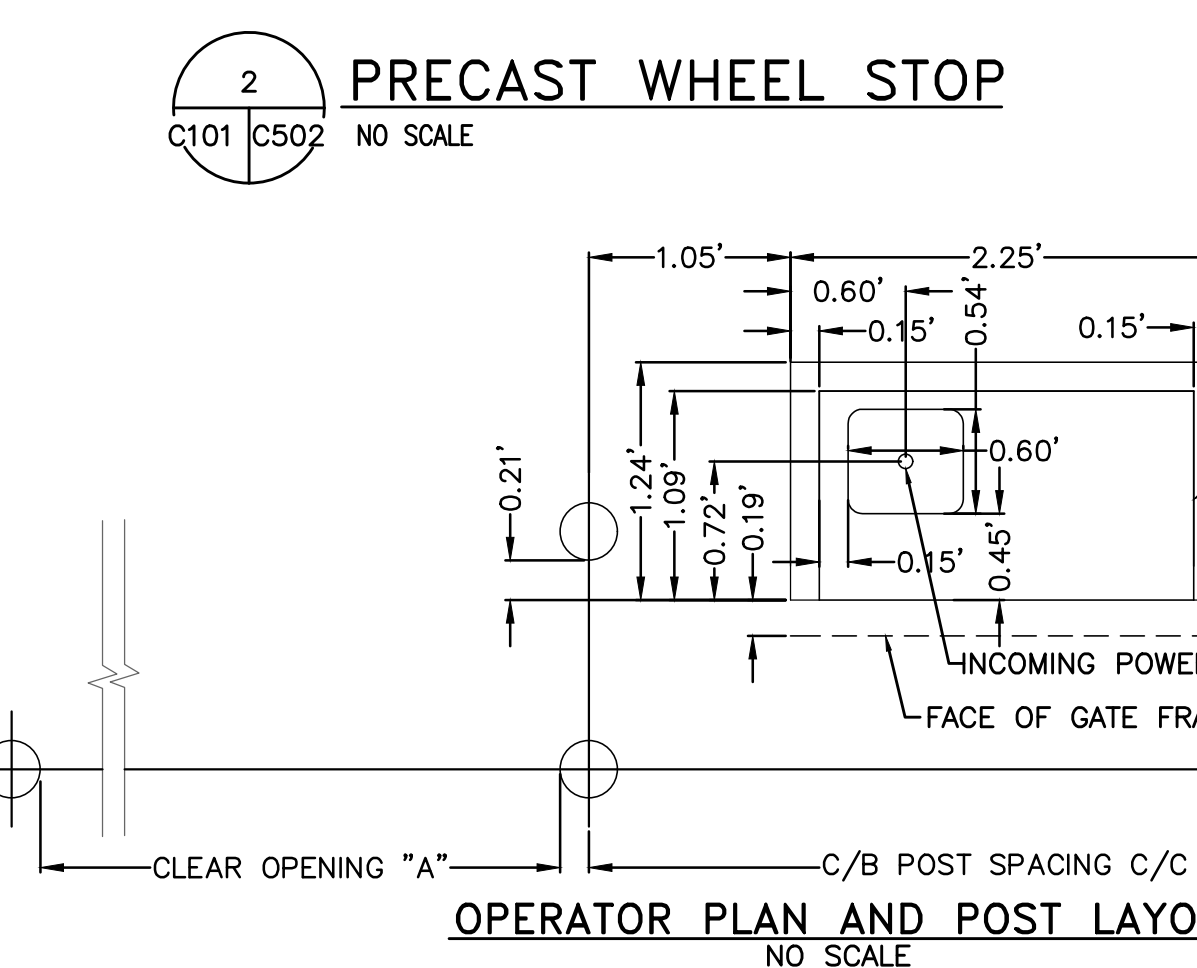
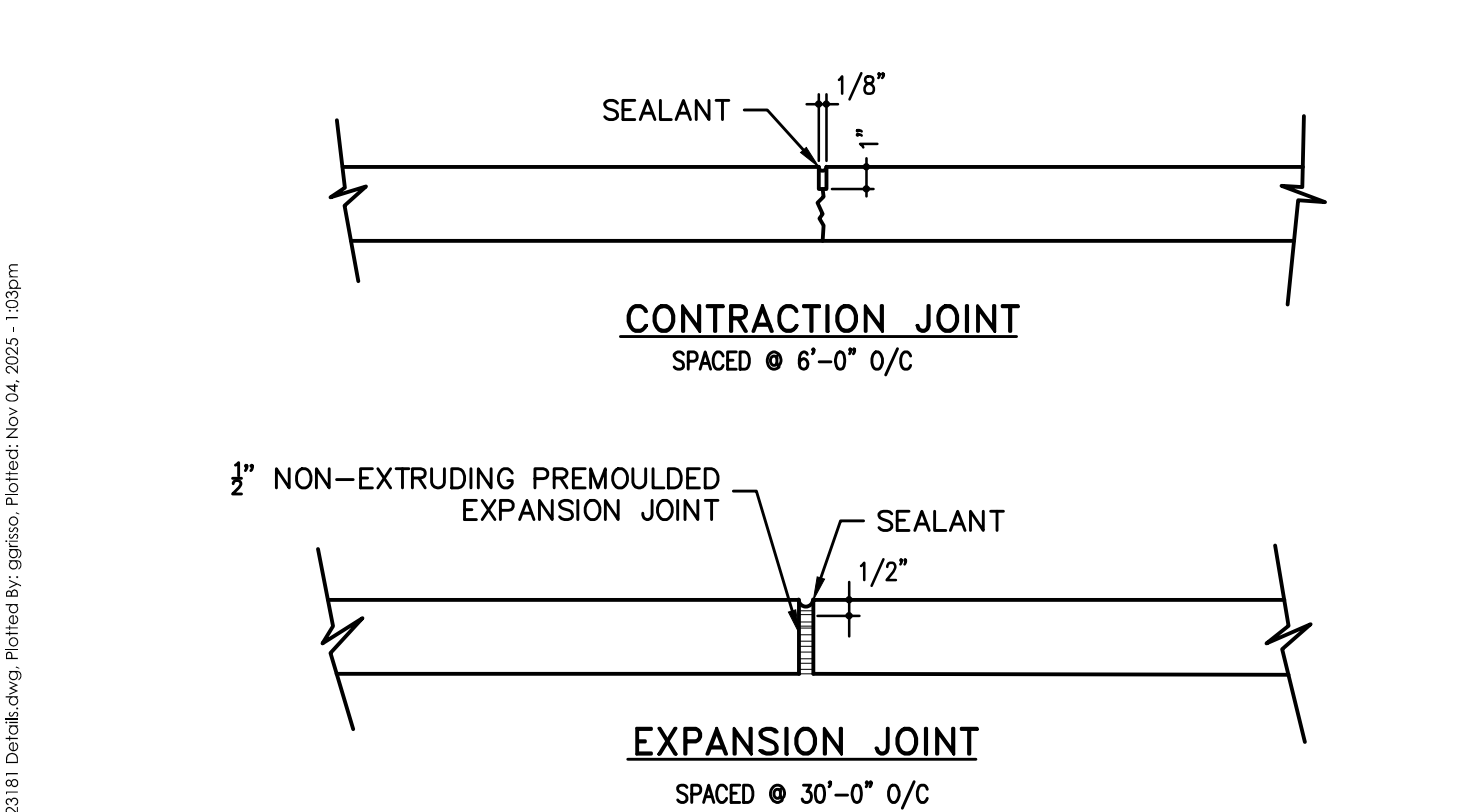
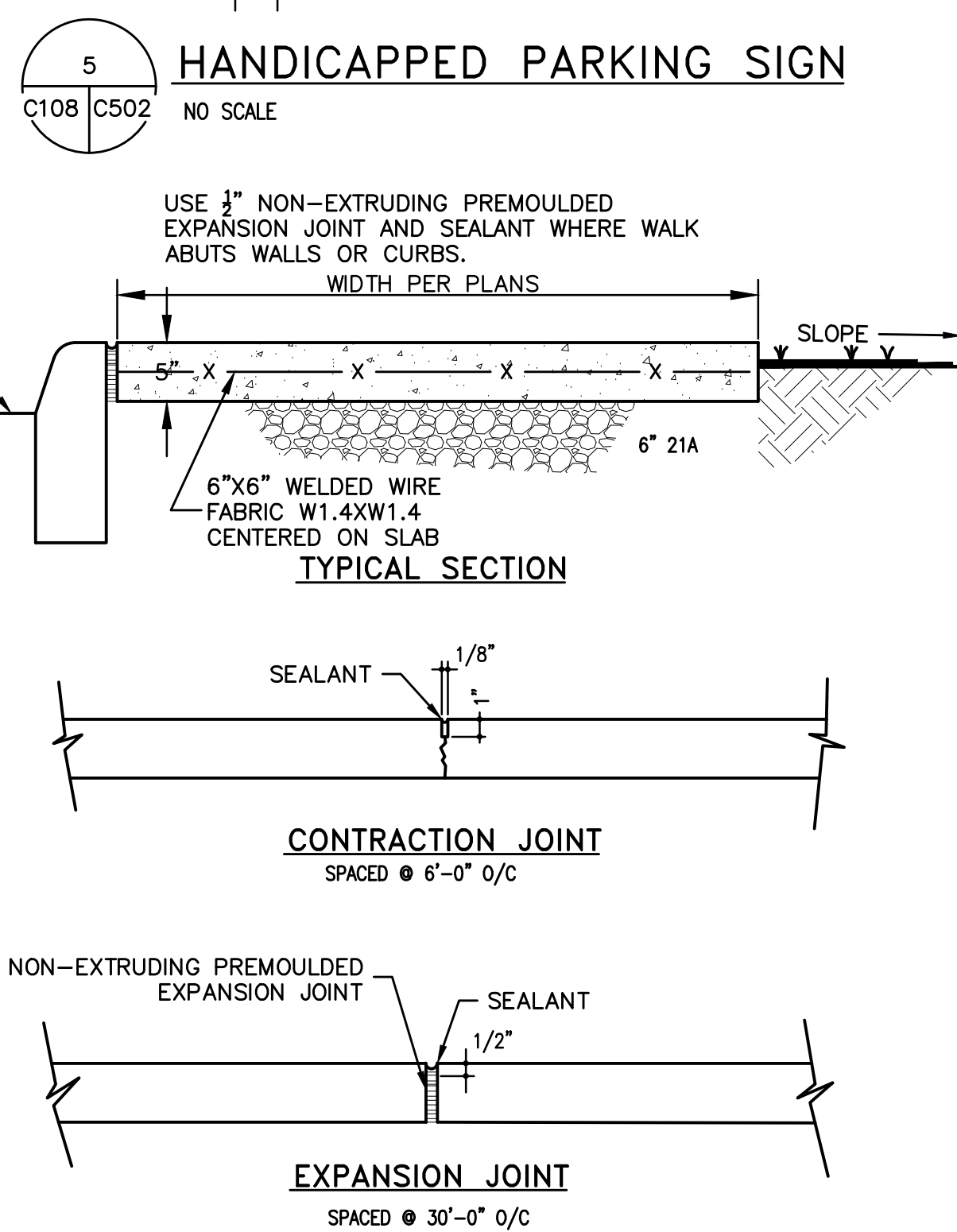
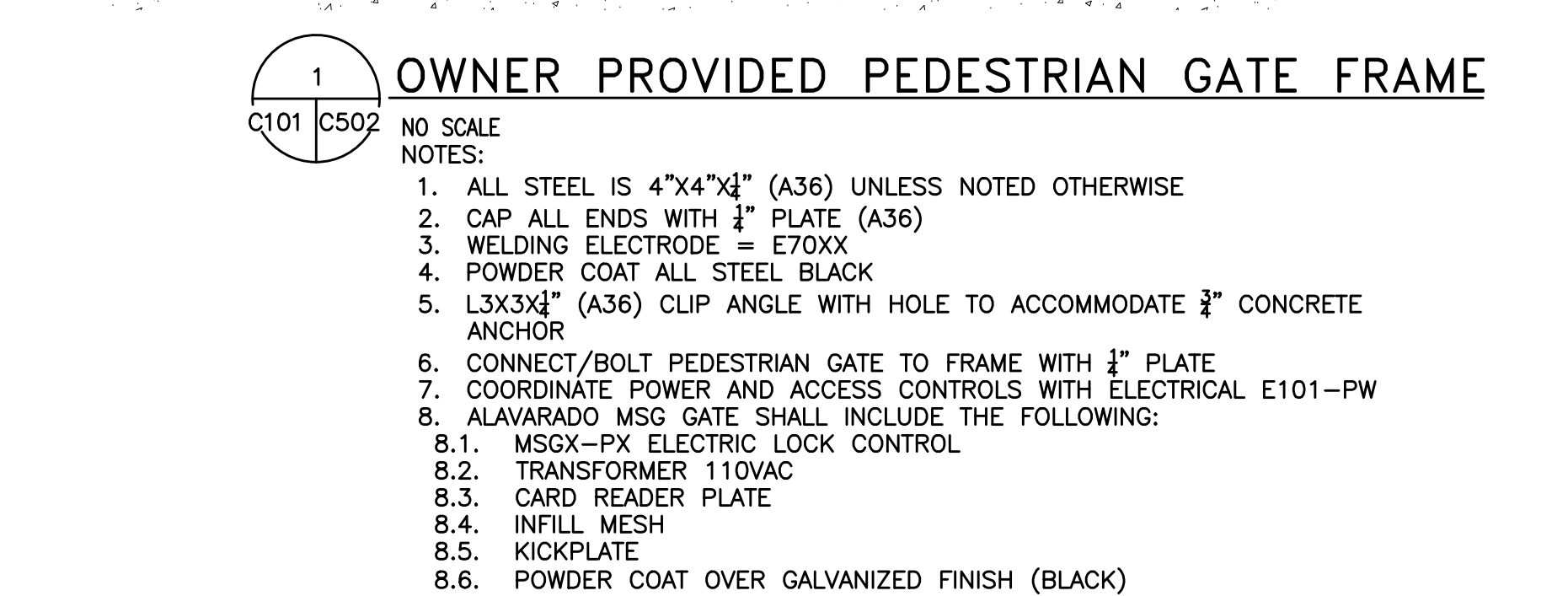
SHEET NAME:

**SITE DETAILS**

SHEET NUMBER:

**C501-PW**





NG IN.  
GATE  
D TO  
TE POST



QTY.	PART #	DESCRIPTION	OWNER FURNISHED/CONTRACTOR INSTALLED	OWNER FURNISHED/OWNER INSTALLED*
DISPENSERS				
DEF				
1	2335101862	ROTH 275 GALLON DOUBLE--WALL DEF STORAGE TANK EQUIPPED WITH 120V DEF PUMP SYSTEM, 35' DEF HOSE REEL, DEF NOZZLE, 4PIN COUPLERS, CUSTOM DIP TUBE, ROTH TANK GAUGE, LOCKABLE FILL CAP, AND ROTH TANK REEL BRACKET.	X	
DIESEL/GASOLINE				
1	9853GXTW2DF	MASTER: TWO PRODUCT STANDARD FLOW GASBOY ATLASX PRIME DISPENSER WITH FRONT NOZZLE, (1) SINGLE SIDE PRIME OPTION (Z--ATO--PRME01), (1) INTERNAL DISPENSER CONTROLLER (Z--ATO--INDSPC), (1) CATLOW 3/4" X 15' COMPLETE HOSE ASSEMBLY (Z--HHC--HAG809: FOR GASOLINE), (1) CATLOW 3/4" X 15' COMPLETE HOSE ASSEMBLY (Z--HHC--HAD810: FOR DIESEL). CITY OF ROANOKE DESIRES USE OF DEDICATED FUEL MAGNETIC STRIPE CARDS AND KEY FOBS FOR AUTHORIZATION.	X	
1	—	2500 GALLON DIESEL FUEL		X
1	—	2500 GALLON GASOLINE		X
1	A0718	FULLY CONTAINED, LEAK--PROOF ABOVE GROUND STAINLESS STEEL DISPENSER SUMP		
FUEL MANAGEMENT SYSTEMS				
1	TLS--450PLUS	AUTOMATIC TANK GAUGE	X	
1	0881115--880	880 US RADAR LEVEL SENSOR CAT--M1 VEEDER--ROOT 1NCE (TO BE INSTALLED WITH DEF TANK)	X	
1	HYDRX	HYDRX FUEL CONDITIONING SYSTEM	X	
2	RED JACKET	2 HP SUBMERSIBLE TURBINE PUMP		
TANKS				
1	—	2,500 GALLON UL--2085 FIREGUARD HORIZONTAL DOUBLE BULKHEAD TANK		
ISLAND EQUIPMENT				
1		HEAVY DUTY, BRIGHT YELLOW, WEATHER RESISTANT STORAGE BIN FOR SPILL RESPONSE WITH HINGED LID CAPABLE OF STORING (10) BAGS OF GRANULAR OIL/FUEL ABSORBENT		
EQUIPMENT				
	FEC	FIRE EXTINGUISHER (2A20BC) AND CABINET		

Figure 1 shows a triangular rock mass with a vertical crack and a horizontal crack. The crack is labeled 'SE' and 'I'.

COMMONWEALTH OF VIRGINIA  
*Travis Rookstool*  
 TRAVIS ROOKSTOOL  
 Lic. No. 17288  
 10.10.2025  
 ARCHITECT



J:\2018\124 Arch\Public Works\2018\_A001-PW.dwg, Printed By: gpbao, Plotted: Nov 05, 2025 - 1:18pm

MARK	QTY.	PART #	DESCRIPTION	OWNER FURNISHED/CONTRACTOR INSTALLED	OWNER FURNISHED/OWNER INSTALLED*
DISPENSERS					
DEF					
	2	2335101862	ROTH 275 GALLON DOUBLE-WALL DEF STORAGE TANK EQUIPPED WITH 120V DEF PUMP SYSTEM, 35' DEF HOSE REEL, DEF NOZZLE, 4PIN COUPLERS, CUSTOM DIP TUBE, ROTH TANK GAUGE, LOCKABLE FILL CAP, AND ROTH TANK REEL BRACKET.	X	
DIESEL					
	1	9850GXTWIDZ	MASTER: ULTRA-HIGH FLOW GASBOY ATLASX PRIME DIESEL DISPENSER WITH FRONT NOZZLE, DUAL SIDED PRIME OPTION (Z-ATO-PRME02), (1) INTERNAL DISPENSER CONTROLLER (Z-ATO-INDSPC), (2) CATLOW 1"x15' COMPLETE HOSE ASSEMBLY (Z-HHC-HAH816). CITY OF ROANOKE DESIRES USE OF DEDICATED FUEL MAGNETIC STRIPE CARDS AND KEY FOBs FOR AUTHORIZATION.	X	
	1	9853GXTWIDZ	SATELLITE: STANDARD FLOW GASBOY ATLASX PRIME DIESEL DISPENSER WITH FRONT NOZZLE, DUAL SIDE PRIME OPTION (Z-ATO-PRME02), (2) CATLOW 3/4" X 15' COMPLETE HOSE ASSEMBLY (Z-HHC-HAG809), UNIT IS TO BE CONNECTED TO THE PRIME MASTER VIA CAT 5. CITY OF ROANOKE DESIRES USE OF DEDICATED FUEL MAGNETIC STRIPE CARDS AND KEY FOBs FOR AUTHORIZATION.	X	
	1	-	30,000 GALLON DIESEL FUEL		X
GASOLINE					
	1	9853GXTWIDZ	MASTER: STANDARD FLOW GASBOY ATLASX PRIME GASOLINE DISPENSER WITH FRONT NOZZLE, DUAL SIDE PRIME OPTION (Z-ATO-PRME02), (1) INTERNAL DISPENSER CONTROLLER (Z-ATO-INDSPC), (2) CATLOW 3/4" X 15' COMPLETE HOSE ASSEMBLY (Z-HHC-HAG809). CITY OF ROANOKE DESIRES USE OF DEDICATED FUEL MAGNETIC STRIPE CARDS AND KEY FOBs FOR AUTHORIZATION.	X	
	1	9853GXTWIDZ	SATELLITE: STANDARD FLOW GASBOY ATLASX PRIME GASOLINE DISPENSER WITH FRONT NOZZLE, DUAL SIDE PRIME OPTION (Z-ATO-PRME02), (2) CATLOW 3/4" X 15' COMPLETE HOSE ASSEMBLY (Z-HHC-HAG809), UNIT IS TO BE CONNECTED TO THE PRIME MASTER VIA CAT 5. CITY OF ROANOKE DESIRES USE OF DEDICATED FUEL MAGNETIC STRIPE CARDS AND KEY FOBs FOR AUTHORIZATION.	X	
	1	-	24,000 GALLON GASOLINE		X
PROPANE					
	1	IPS-9899KXZD	MASTER: GASBOY ATLAS PRIME PROPANE DISPENSER WITH IN DISPENSER CONTROLLER (ORCU) AND FRONT NOZZLE, DUAL SIDE PRIME OPTION (Z-ATO-PRME02), (2) IPS-ELAFLEX-L-KIT LPG FUELING NOZZLE W/ 10' FILLING HOSE, PULL AWAY VALVE PROTECTION AND LEAD HOSE. PRIME MASTER COMMUNICATION TO THE SITE BACK OFFICE VIA CAT5 (WIRELESS OPTIONS AVAILABLE).	X	
	1	IPS-9899KXZD	SATELLITE: GASBOY ATLAS PRIME PROPANE DISPENSER WITH FRONT NOZZLE, DUAL SIDE PRIME OPTION (Z-ATO-PRME02), (2) IPS-ELAFLEX-L-KIT LPG FUELING NOZZLE W/ 10' FILLING HOSE, PULL AWAY VALVE PROTECTION AND LEAD HOSE. UNIT COMMUNICATION CONNECTED TO THE PRIME MASTER VIA CAT 5.	X	
FUEL MANAGEMENT SYSTEMS					
	1	TLS-450PLUS	AUTOMATIC TANK GAUGE	X	
	2	0881115-880	880 US RADAR LEVEL SENSOR CAT-M1 VEEDER-ROOT 1NCE (TO BE INSTALLED WITH DEF TANKS)	X	
	2	HYDRX	HYDRX FUEL CONDITIONING SYSTEM	X	
	4	RED JACKET	2 HP SUBMERSIBLE TURBINE PUMP		
TANKS					
	2	-	15,000 GALLON UL-2085 FIREGUARD HORIZONTAL TANK		
	2	-	12,000 GALLON, 96" OUTER DIAMETER UL-2085 FIREGUARD HORIZONTAL TANK		
	1	-	1,990 GALLON HORIZONTAL PROPANE TANK		X (BLOSSMAN GAS)
ISLAND EQUIPMENT					
	1	S4H	WOODFORD SANITARY YARD HYDRANT, SEE SPECIFICATIONS SECTION 331116		
	3	-	HEAVY DUTY, BRIGHT YELLOW, WEATHER RESISTANT STORAGE BIN FOR SPILL RESPONSE WITH HINGED LID CAPABLE OF STORING (10) BAGS OF GRANULAR OIL/FUEL ABSORBENT		
EQUIPMENT					
	1	20095	KAESER 20095 SIMPLEX COMPRESSOR STATION INCLUDING THE KAESER SK-20 SIGMA PROFILE 20 HP ROTARY SCREW AIR COMPRESSOR WITH INTEGRATED DRYER AND SIGMA CONTROL 2 PROGRAMMABLE CONTROLLER CAPABLE OF SUPPLYING 76.6 CFM AT 160 PSIG OPERATING PRESSURE. MOUNT ON 4" CONCRETE HOUSE KEEPING PAD.		
	6	2790-50D	MILTON INDUSTRIAL AIR HOSE REEL - 3/4" NPT, 300 PSI MAX WITH BAYONET STYLE TIRE INFLATOR GAUGE, HEAVY DUTY STRAIGHT HEAD AIR CHUCK, AND 12' HOSE.		
	1	RC25 OR DL18	PROPANE PUMP		X (BLOSSMAN GAS)
	2	9235-3	STAINLESS STEEL VACUUM WITH (3) 1.6 HP & 120V MOTORS REQUIRING 30 AMP ON/OFF SWITCH, 15' 2" DIA. THREADED BLACK HOSE		
EQ1	2		60"X24"DX72"H EXTRA HEAVY DUTY METAL STORAGE RACK W/ (3) SHELLS W/ WIRE DECK W/ MIN. 14GA UPRIGHT STEEL FRAMES AND MIN 12 GA STEEL SUPPRT BEAMS - BY GLOBAL INDUSTRIAL (OR APPROVED EQUAL)		
MISCELLANEOUS					
	1	-	PEDESTRIAN GATE FRAME	X	
FEC	6		FIRE EXTINGUISHER (2A20BC) AND CABINET		
	1	MSGX-PX	ALVARADO PEDESTRIAN GATE WITH PULL HANDLE, MICROSWITCH PUSH BAR, INFILL MESH, 110 TRANSFORMER, CARD READER PLATE, AND KICKPLATE. BLACK POWDER COAT OVER GALVANIZED FINISH.		

\*OWNER INSTALLED ITEMS MAY BE OWNER OR VENDOR INSTALLED

SPECTRUM DESIGN  
architects | engineers

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Roanoke, VA 24011  
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CITY OF ROANOKE  
REFUELING CENTERS  
PUBLIC WORKS  
SERVICE CENTER

ROANOKE CITY PROJECT NO.: RFP #24-10-66  
Spectrum Design Project No.: 23181



PROJ. MGR.:  
MAR  
CHECKED BY:  
MAR  
DRAWN BY:  
AGA

SHEET ISSUE DATE:  
10.10.2025

PROJECT PHASE:  
BID DOCUMENTS

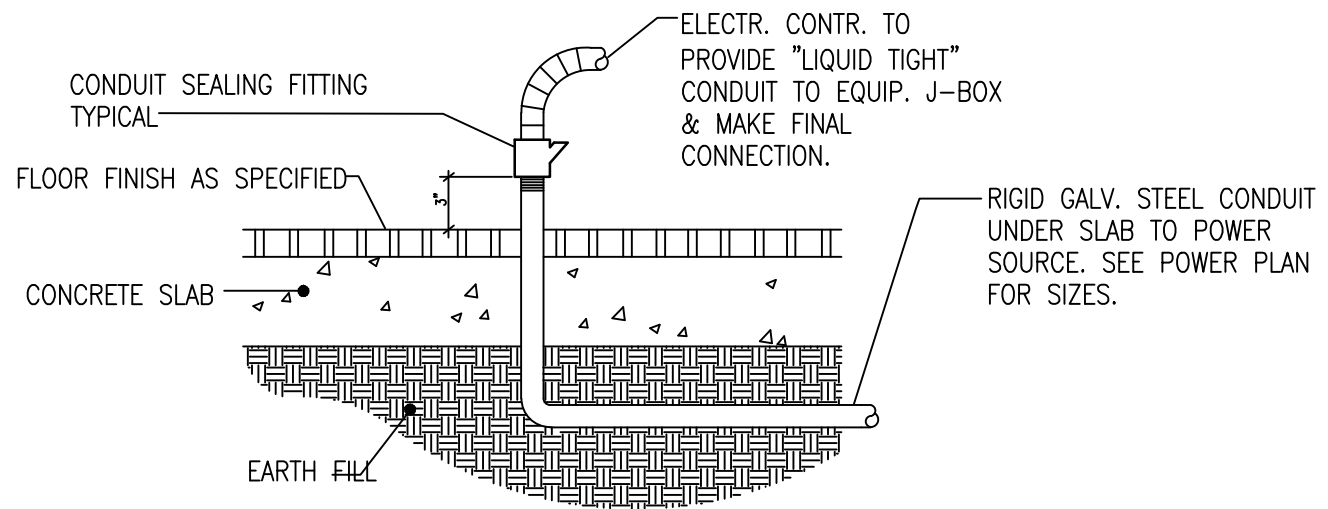
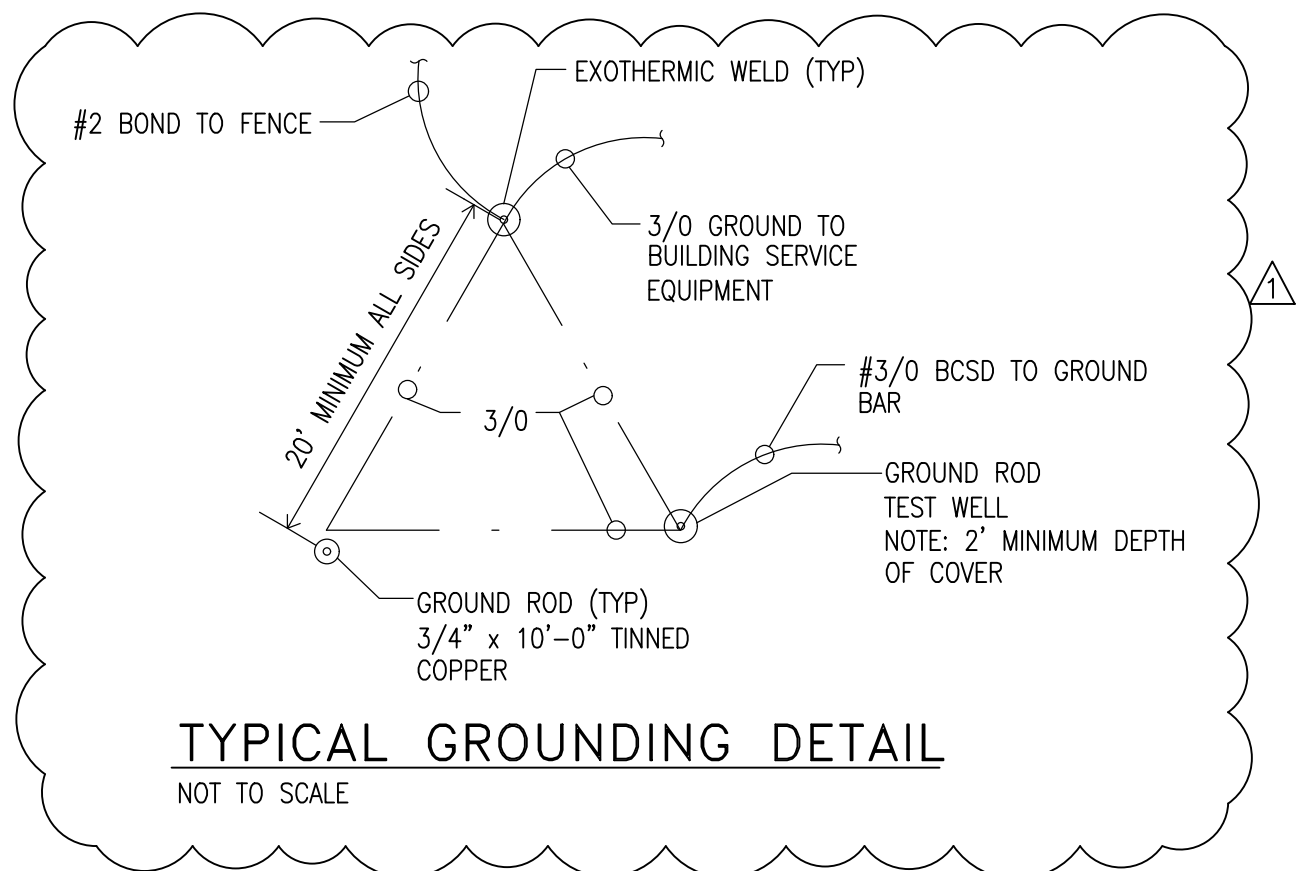
SCALE:  
AS SHOWN  
24"x36" SHEET

REV 1                      ADDENDUM 1                      11.05.2025

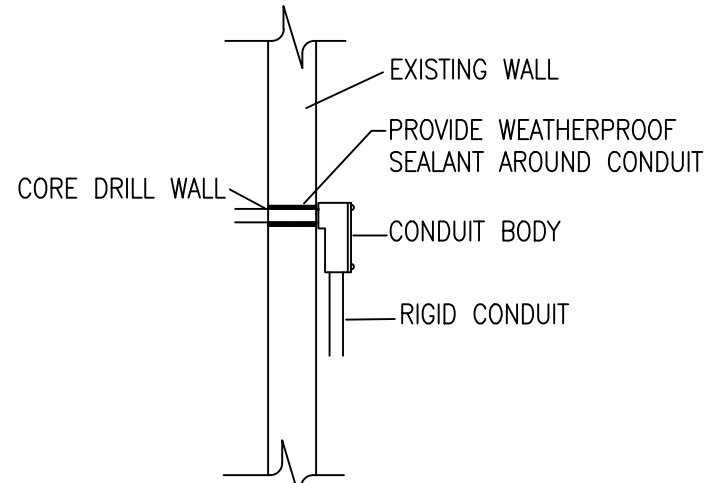
KEY PLAN:

SHEET NAME:  
NOTES &  
SPECIFICATIONS

SHEET NUMBER:  
A001-PW

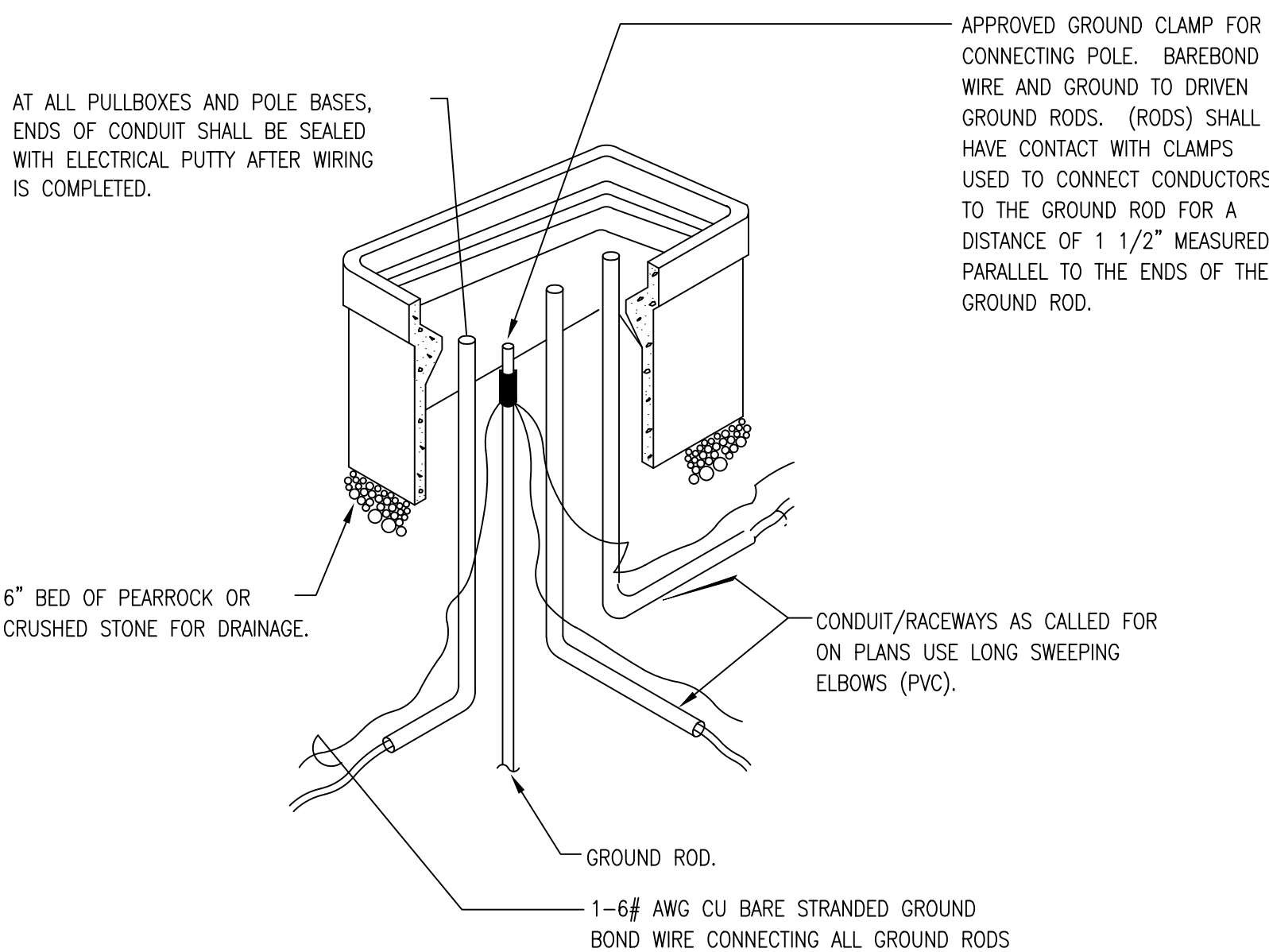


TYPICAL CONDUIT STUB-UP  
NOT TO SCALE

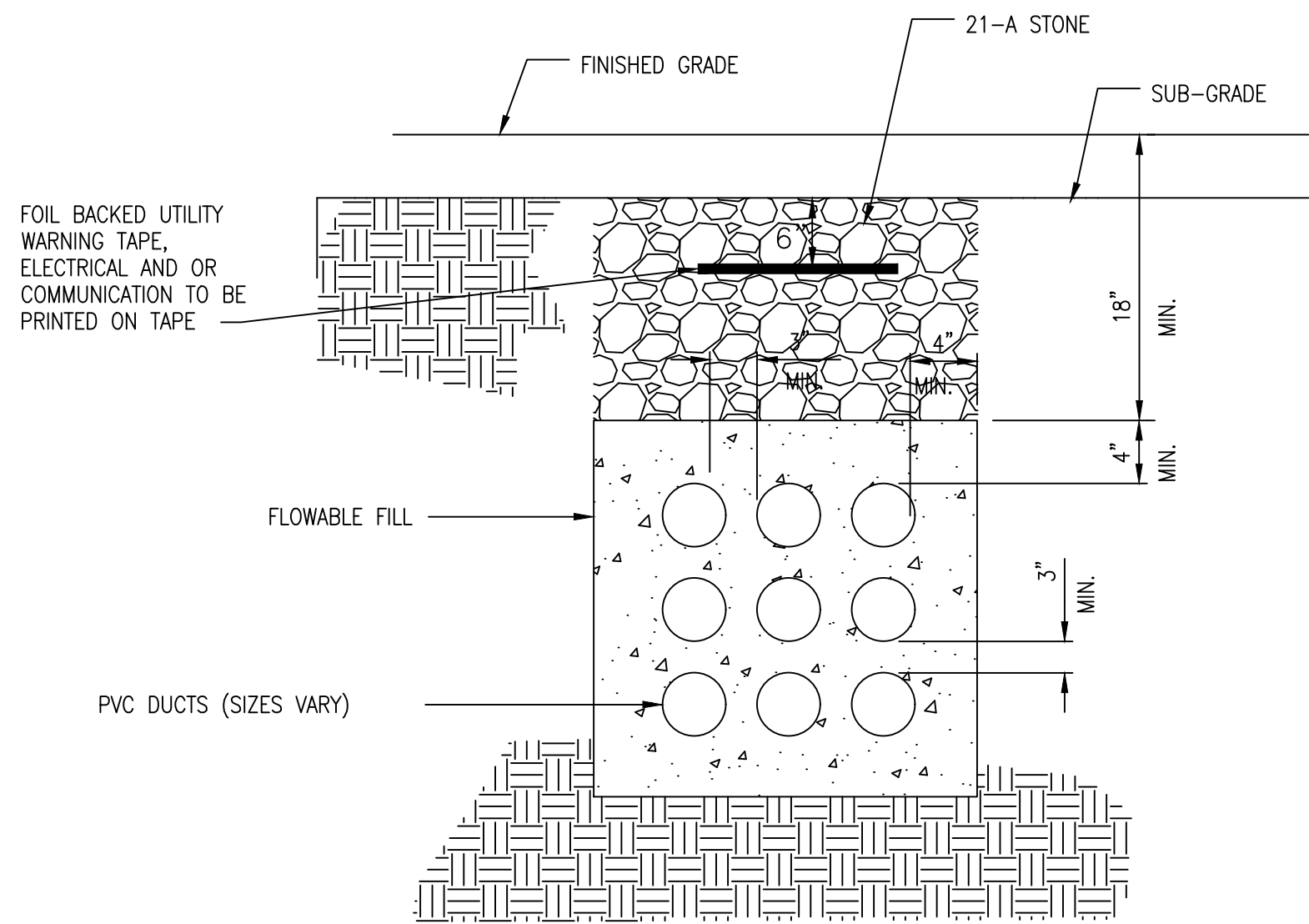


TYPICAL CONDUIT PENETRATION  
NOT TO SCALE

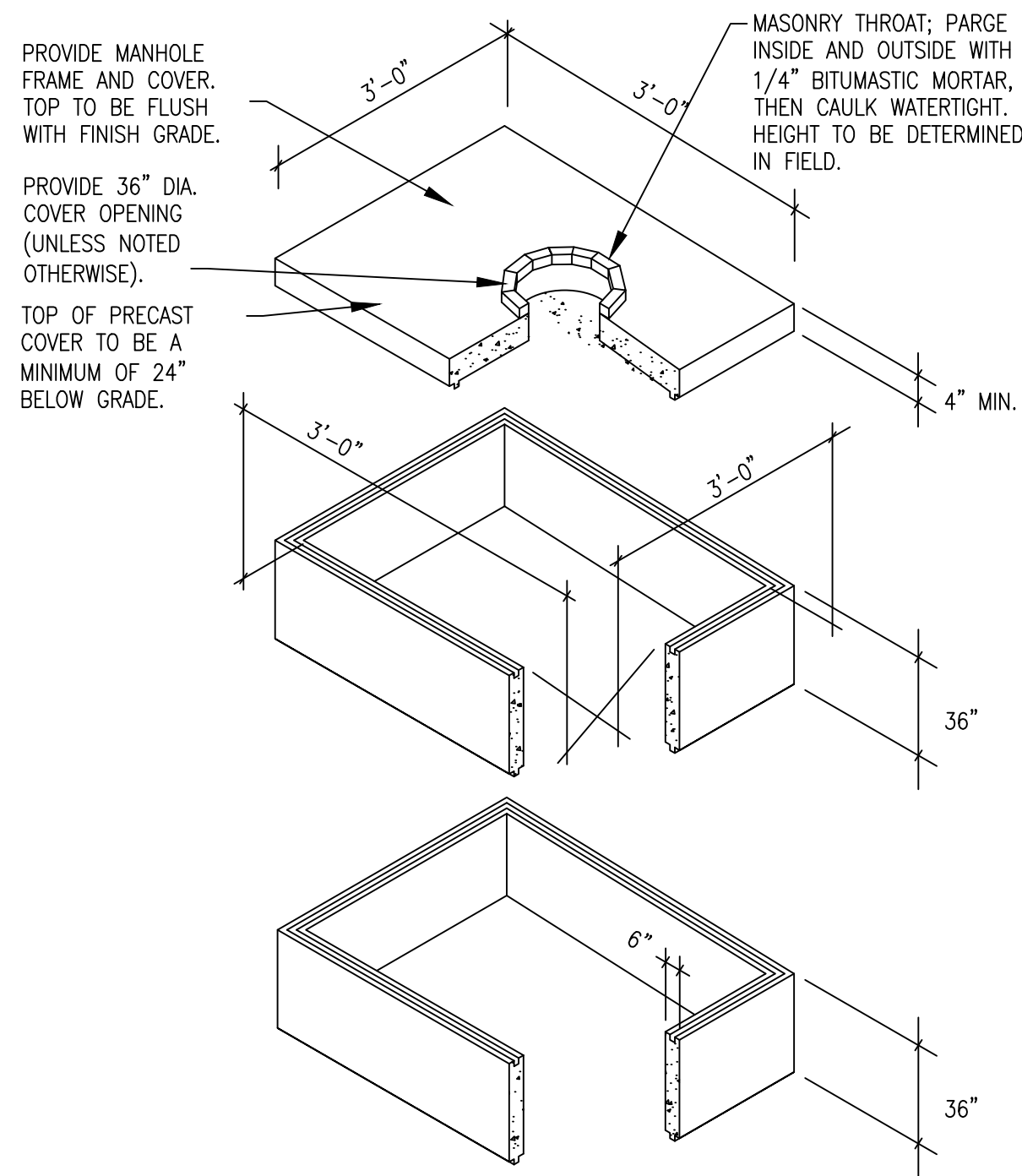
- NOTES:
- 1) CONDUITS NOT TERMINATING IN OR AT PULLBOXES NEED NOT RUN THROUGH PULLBOXES UNLESS REQUIRED FOR PULLING NEC.
  - 2) INSIDE DIMENSIONS TO BE:  
10 1/2" x 17 1/4"  
13" x 24"  
17" x 28"
  - 3) COVER TO BE PROVIDED:  
CAST IRON TRAFFIC COVER  
CONCRETE PEDESTRIAN COVER
  - 4) PROVIDE EXTENSIONS AS REQUIRED.
  - 5) PULLBOX TO BE PRECAST; BROOKS, A.C. MILLER, OR HUGHES SUPPLY



ELECTRICAL PULL BOX DETAIL  
NOT TO SCALE

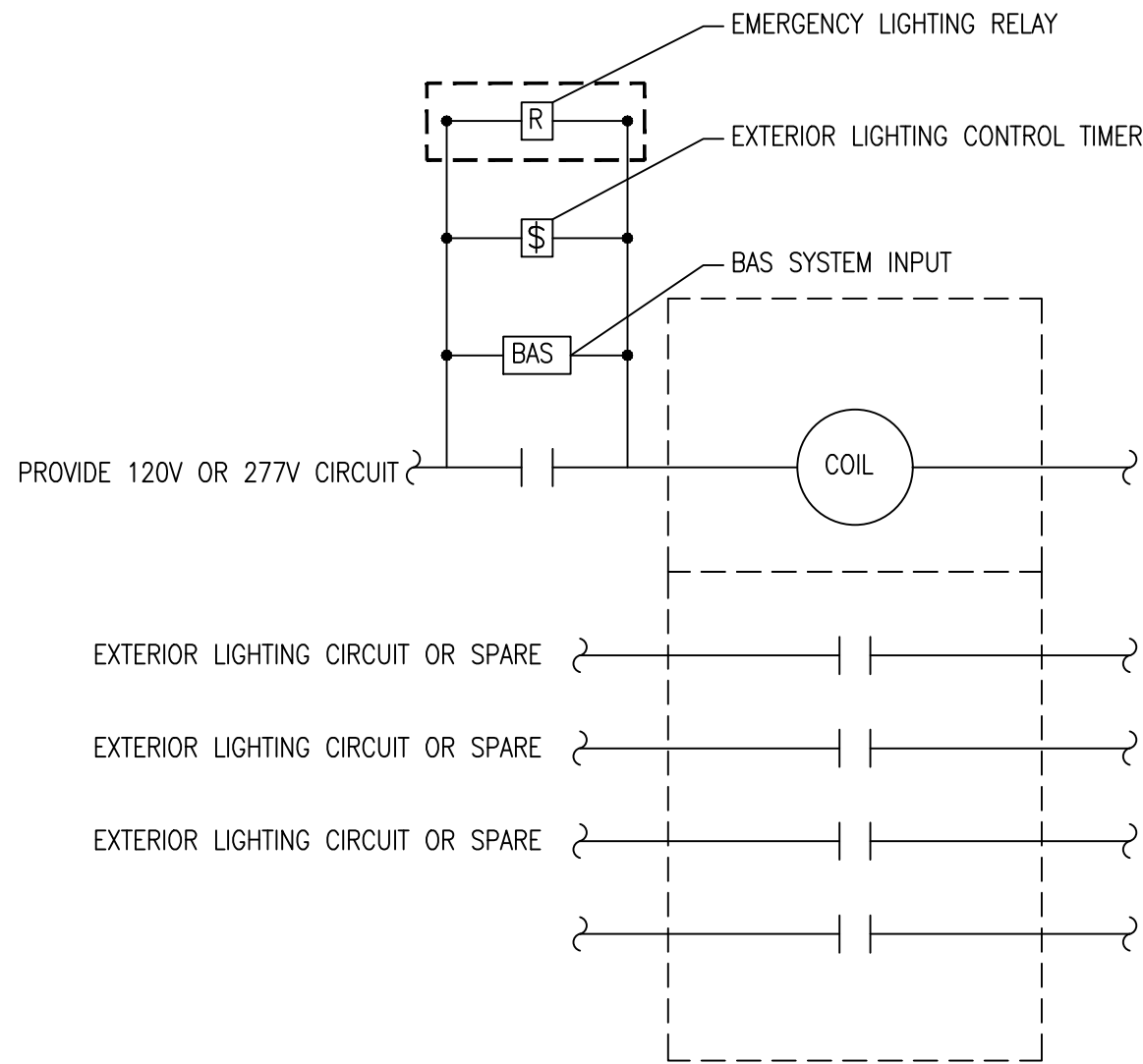


TYPICAL SECTION - DUCT BANK  
NOT TO SCALE

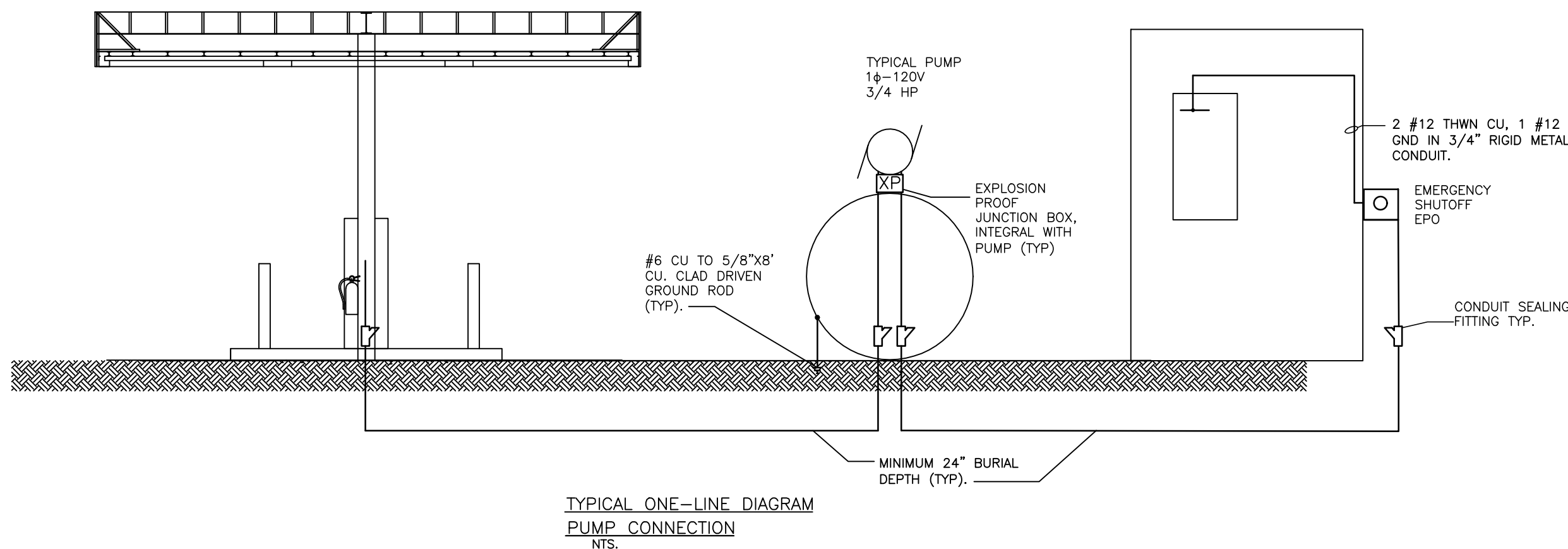


- INSTALLATION NOTES:
- A. REINFORCEMENT FOR H-20 BRIDGE LOADING.
  - B. PROVIDE KNOCKOUTS, PULLING IRONS, AND INSERTS AS REQUIRED.
  - C. ALL METAL SUPPORTS, CABLE RACKS, AND CABLE SHIELD TO BE CONNECTED TO GROUND ROD.
  - D. ALL JOINTS TO BE SEALED WATER TIGHT, COAT ALL SIDES, TOP AND BOTTOM WITH 1/4" BITUMASTIC PRIOR TO INSTALLATION.
  - E. ALL PENETRATIONS TO BE CAULKED WATER TIGHT.

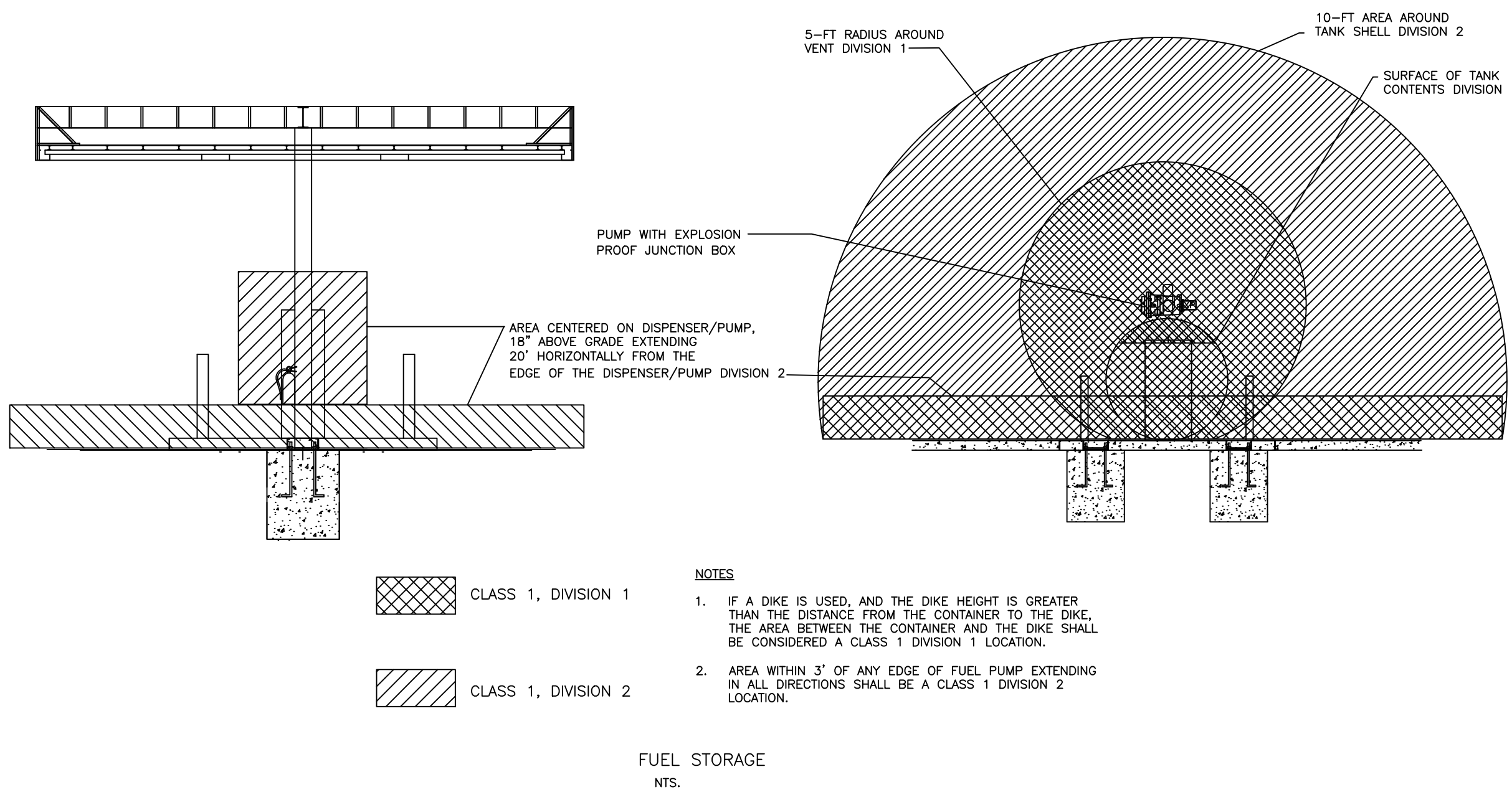
PRECAST PULL BOX INSTALLATION DETAIL  
NOT TO SCALE



TYPICAL LIGHTING CONTACTOR DETAIL  
NOT TO SCALE



- NOTES
1. EXTERIOR MOUNTED EMERGENCY SHUTOFF (EPO) SHALL BE NON FUSED WITH A NEMA 3R RATING. EPO SHALL BE MOUNTED OUT OF THE HAZARDOUS AREA, BUT NO FURTHER THAN 100 FEET FROM THE DISPENSER(S). EPO SHALL BE CAPABLE OF BEING LOCKED IN THE OPEN POSITION. EMERGENCY SHUTOFF DEVICES OR ELECTRICAL DISCONNECTS SHALL DISCONNECT POWER TO ALL DISPENSING DEVICES; TO ALL REMOTE PUMPS SERVING THE DISPENSING DEVICES; TO ALL ASSOCIATED POWER, CONTROL, AND SIGNAL CIRCUITS; AND TO ALL OTHER ELECTRICAL EQUIPMENT IN THE HAZARDOUS (CLASSIFIED) LOCATIONS SURROUNDING THE FUEL DISPENSING DEVICES.
  2. THE EPO SHALL BE CLEARLY IDENTIFIED AS THE SHUTOFF FOR THE PUMP(S). EPO MUST BE CAPABLE OF DISCONNECTING ALL CIRCUIT CONDUCTORS SIMULTANEOUSLY, INCLUDING THE GROUNDED CONDUCTOR.
  3. WIRING SHALL BE INSTALLED IN THREADED RIGID METAL CONDUIT OR THREADED STEEL INTERMEDIATE METAL CONDUIT. ANY PORTION OF CONDUIT INSTALLED UNDER THE HAZARDOUS AREA SHALL BE SEALED WITHIN 10 FEET OF THE POINT OF EMERGENCE. THERE SHALL BE NO UNION, COUPLING, BOX, OR FITTING BETWEEN THE CONDUIT SEAL AND THE POINT OF EMERGENCE ABOVE GRADE.
  4. ALL METAL RACEWAYS AND ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT SHALL BE GROUNDED AND BONDED. LOCKNUT-BUSHING AND DOUBLE LOCKNUT TYPES OF CONTACTS SHALL NOT BE DEPENDED ON FOR BONDING PURPOSES. BONDING JUMPERS WITH PROPER FITTINGS SHALL BE USED. NEC 250.92(B)(2)-(B)(4)
  5. JUNCTION BOXES AT PUMPS SHALL BE RATED NEMA 3R AND NEMA 7D-EXPLOSION PROOF.



- CLASS 1, DIVISION 1
- CLASS 1, DIVISION 2

- NOTES
1. IF A DIKE IS USED, AND THE DIKE HEIGHT IS GREATER THAN THE DISTANCE FROM THE CONTAINER TO THE DIKE, THE AREA BETWEEN THE CONTAINER AND THE DIKE SHALL BE CONSIDERED A CLASS 1 DIVISION 1 LOCATION.
  2. AREA WITHIN 3' OF ANY EDGE OF FUEL PUMP EXTENDING IN ALL DIRECTIONS SHALL BE A CLASS 1 DIVISION 2 LOCATION.

HAZARDOUS AREA DETAIL - CLASS 1, DIVISION 1 & 2  
NOT TO SCALE

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CITY OF ROANOKE  
REFUELING CENTERS  
FIRE STATION #4

ROANOKE CITY PROJECT NO.: RFP #24-10-66  
Spectrum Design Project No.: 23181



PROJ. MGR.: CHECKED BY: DRAWN BY:  
MAR MAR CLH

SHEET ISSUE DATE:  
10.10.2025

PROJECT PHASE:  
BID DOCUMENTS

SCALE:  
AS SHOWN  
24"x36" SHEET

REV 1 ADDENDUM #1 11.05.2025

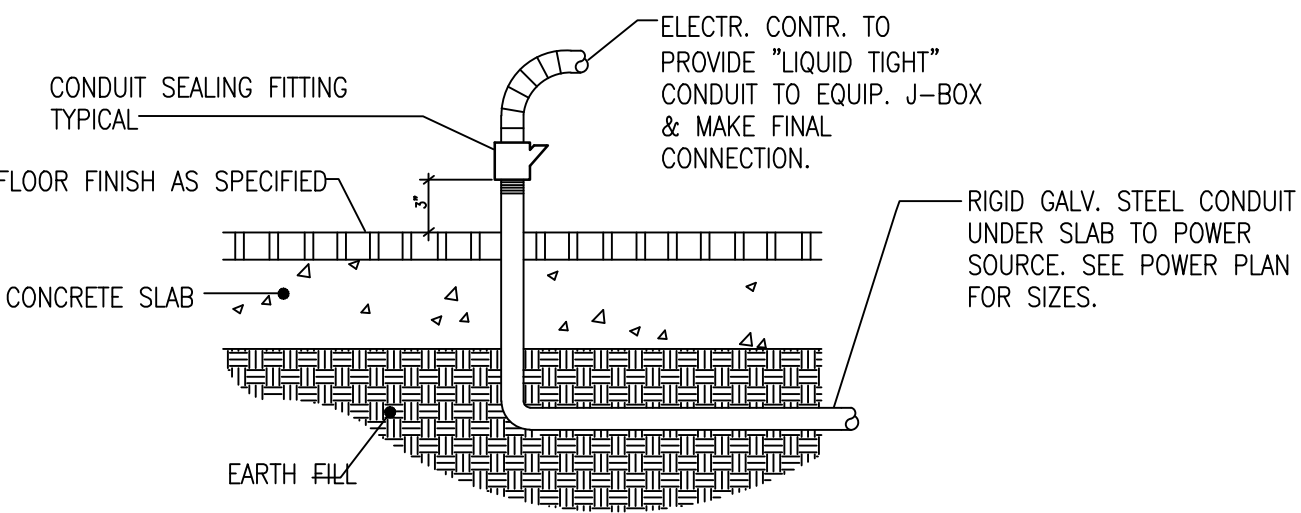
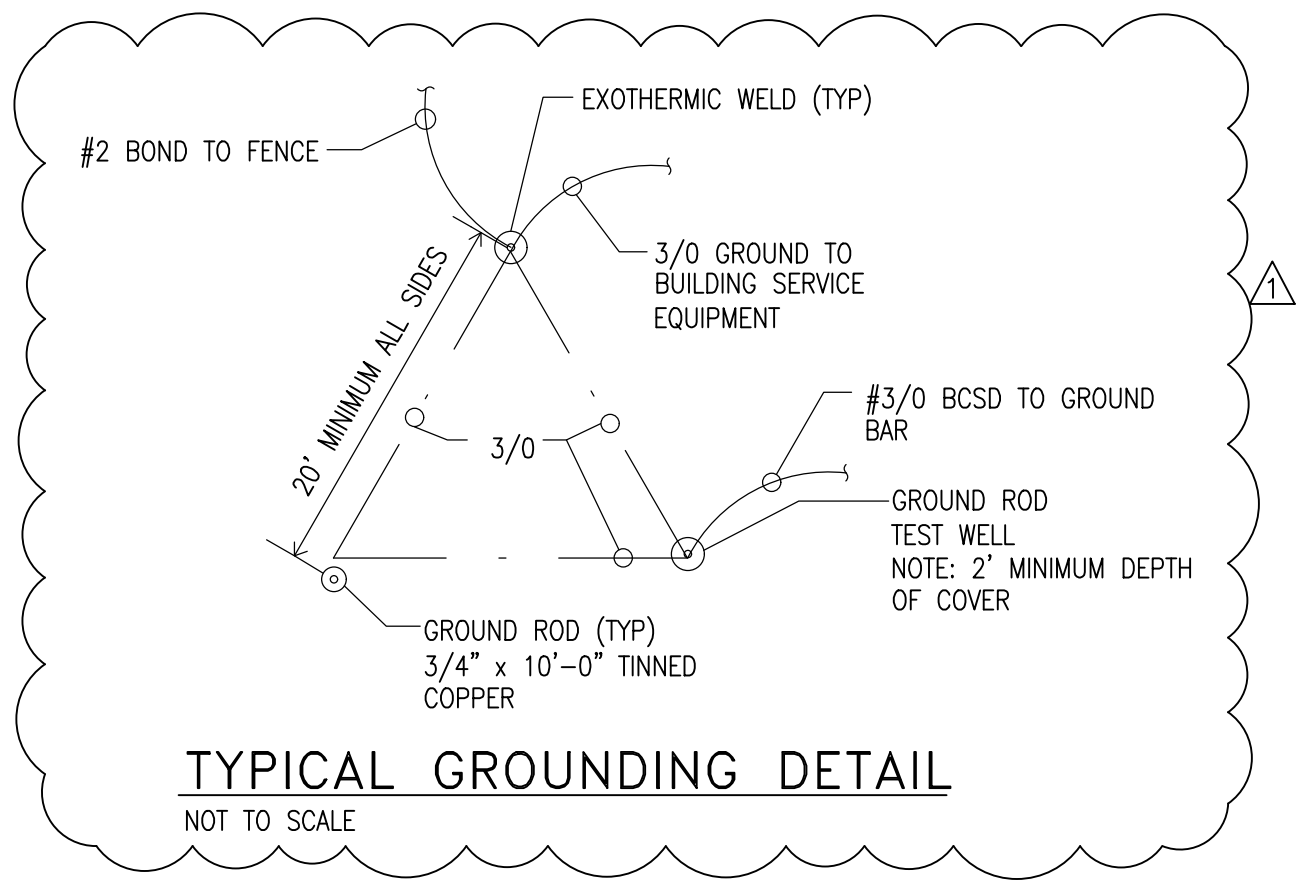
KEY PLAN:

SHEET NAME:  
ELECTRICAL - DETAILS

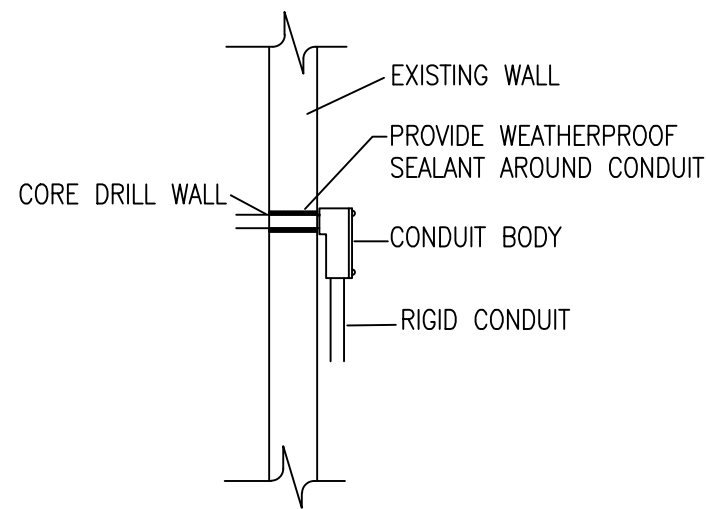
SHEET NUMBER:  
E501-FS4

APPROVAL STAMP





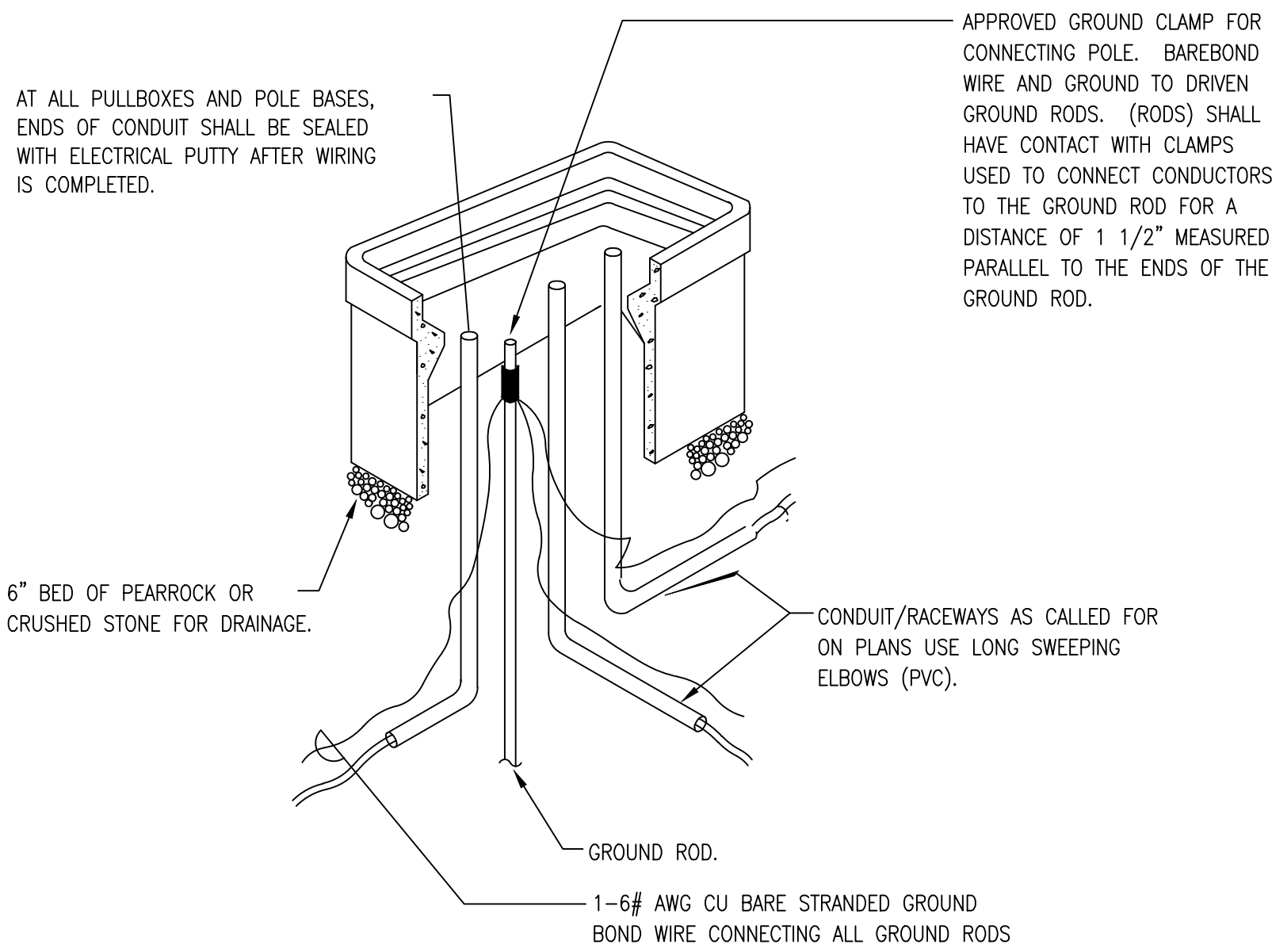
TYPICAL CONDUIT STUB-UP  
NOT TO SCALE



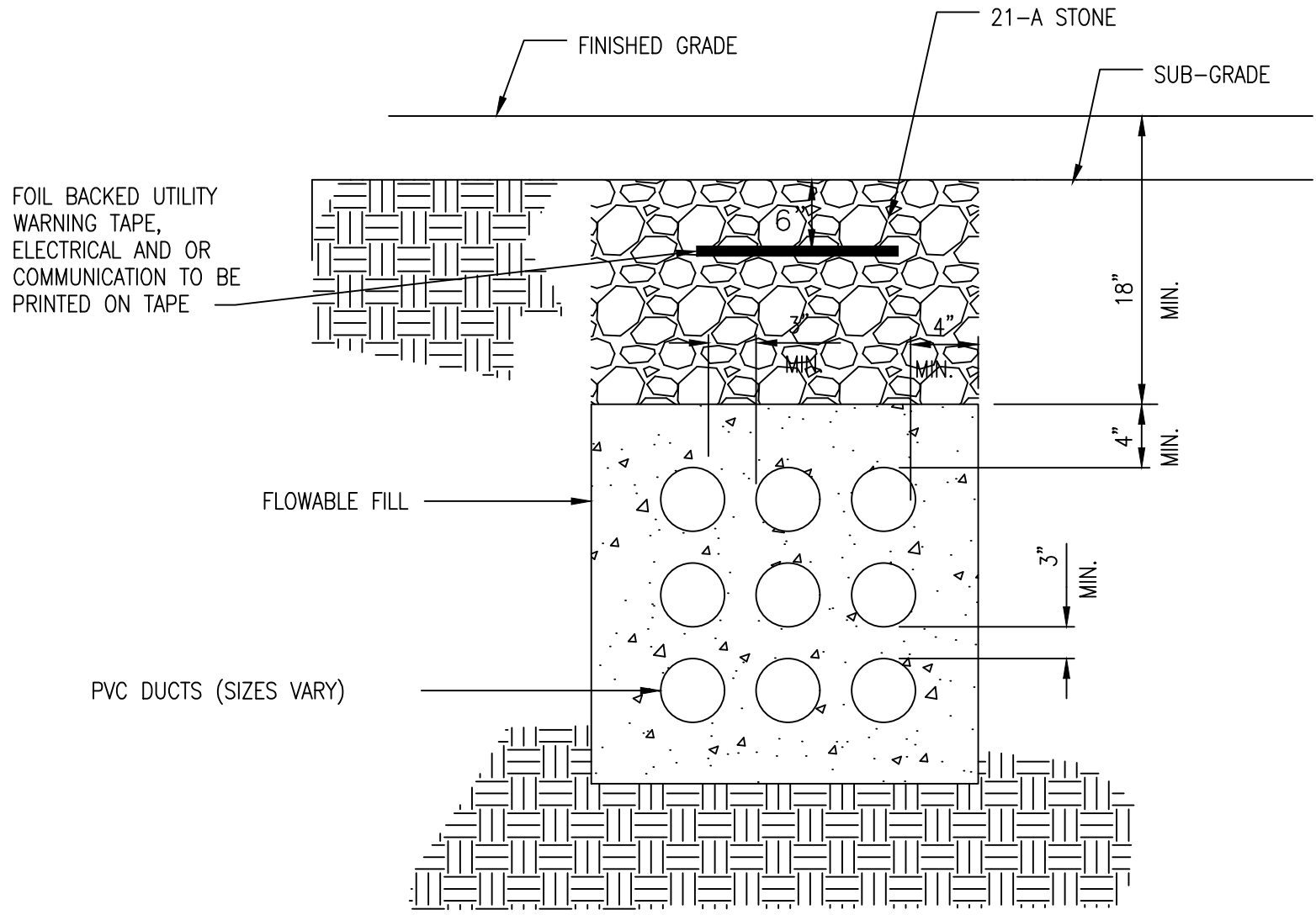
TYPICAL CONDUIT PENETRATION  
NOT TO SCALE

NOTES:

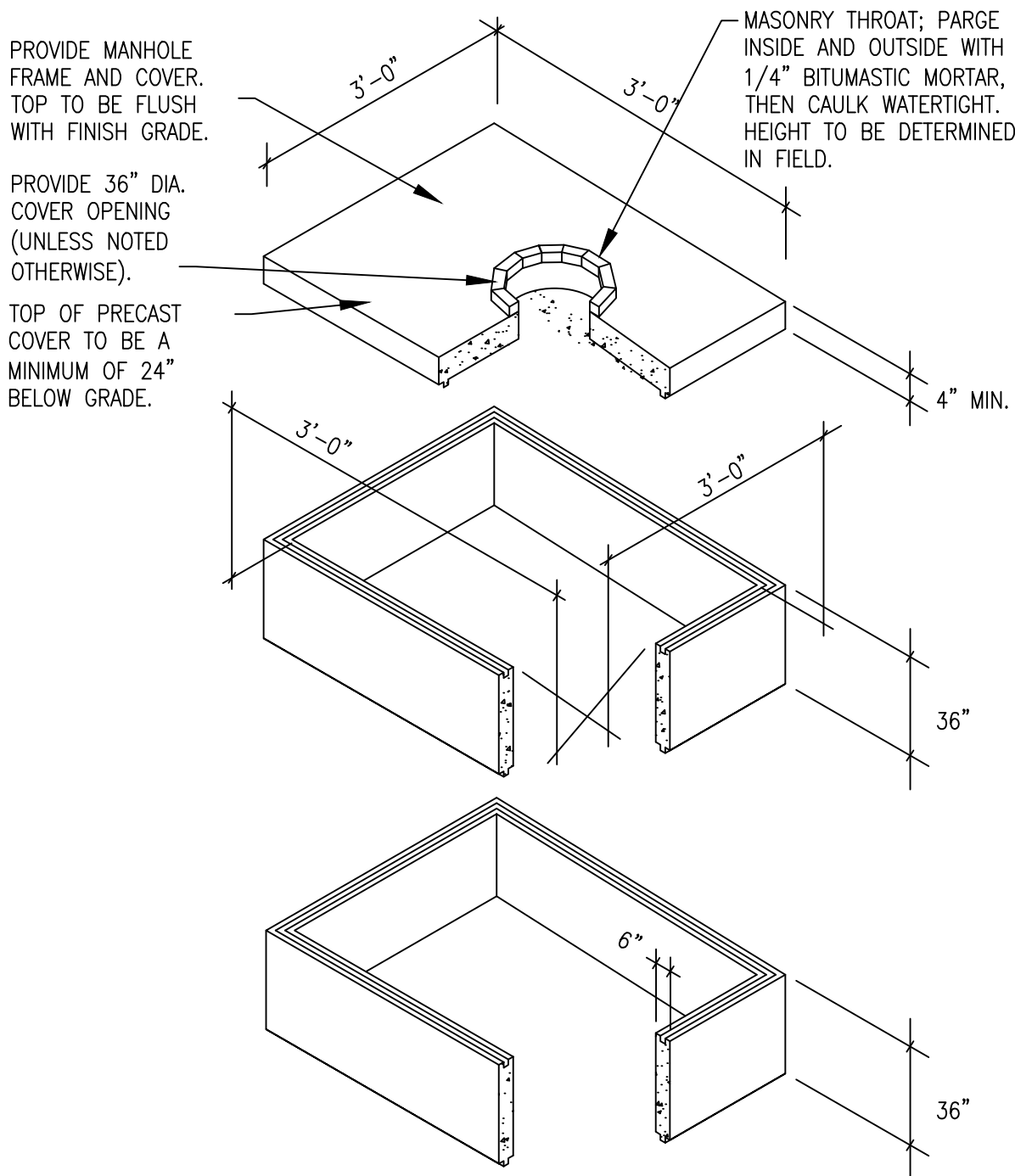
- 1) CONDUITS NOT TERMINATING IN OR AT PULLBOXES NEED NOT RUN THROUGH PULLBOXES UNLESS REQUIRED FOR PULLING NEC.
- 2) INSIDE DIMENSIONS TO BE:  
10 1/2" x 17 1/4"  
13" x 24"  
17" x 28"
- 3) COVER TO BE PROVIDED:  
CAST IRON TRAFFIC COVER  
CONCRETE PEDESTRIAN COVER
- 4) PROVIDE EXTENSIONS AS REQUIRED.
- 5) PULLBOX TO BE PRECAST; BROOKS, A.C. MILLER, OR HUGHES SUPPLY



ELECTRICAL PULL BOX DETAIL  
NOT TO SCALE



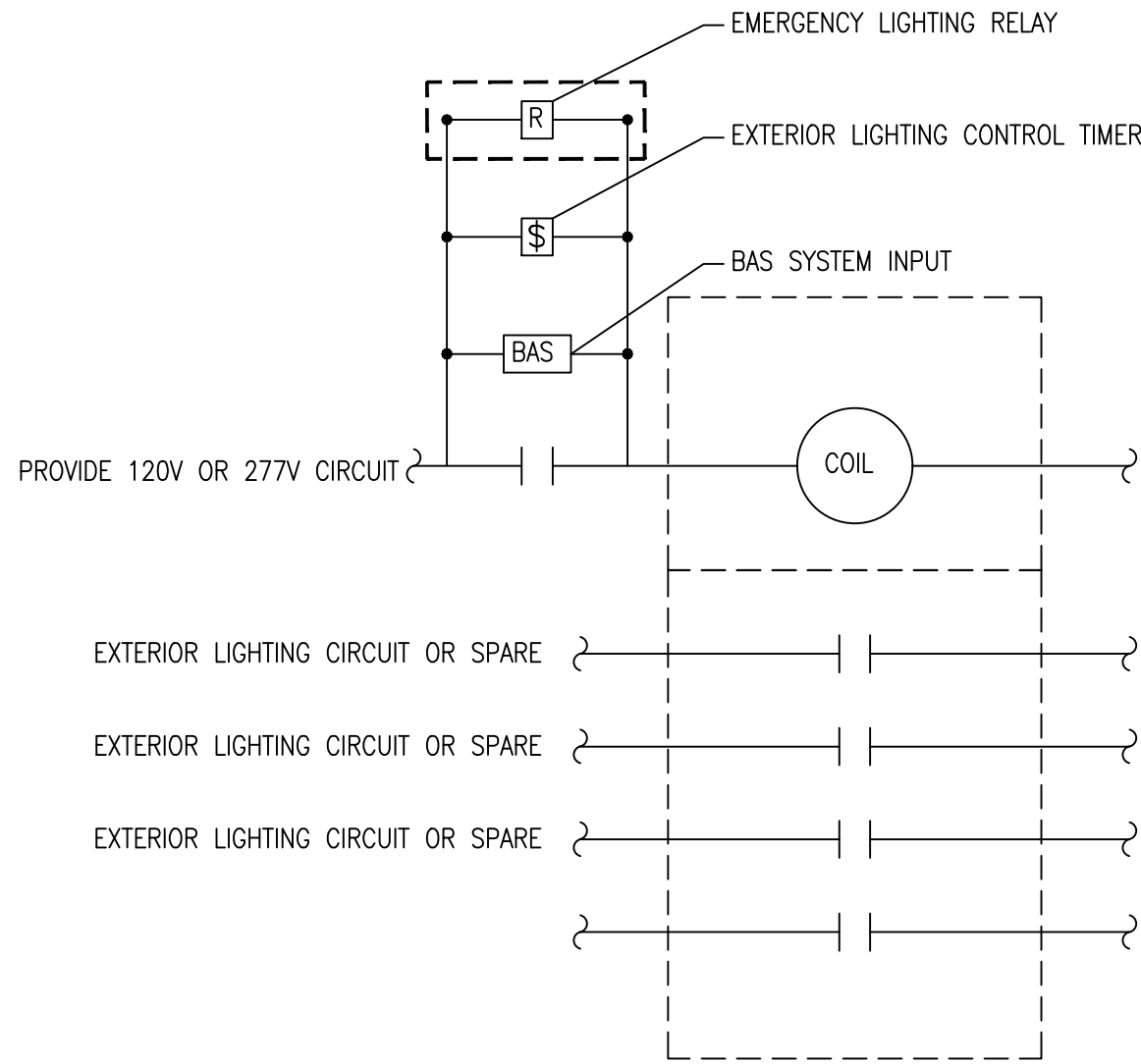
TYPICAL SECTION - DUCT BANK  
NOT TO SCALE



INSTALLATION NOTES:

- A. REINFORCEMENT FOR H-20 BRIDGE LOADING.
- B. PROVIDE KNOCKOUTS, PULLING IRONS, AND INSERTS AS REQUIRED.
- C. ALL METAL SUPPORTS, CABLE RACKS, AND CABLE SHIELD TO BE CONNECTED TO GROUND ROD.
- D. ALL JOINTS TO BE SEALED WATER TIGHT, COAT ALL SIDES, TOP AND BOTTOM WITH 1/4\"/>
- E. ALL PENETRATIONS TO BE CAULKED WATER TIGHT.

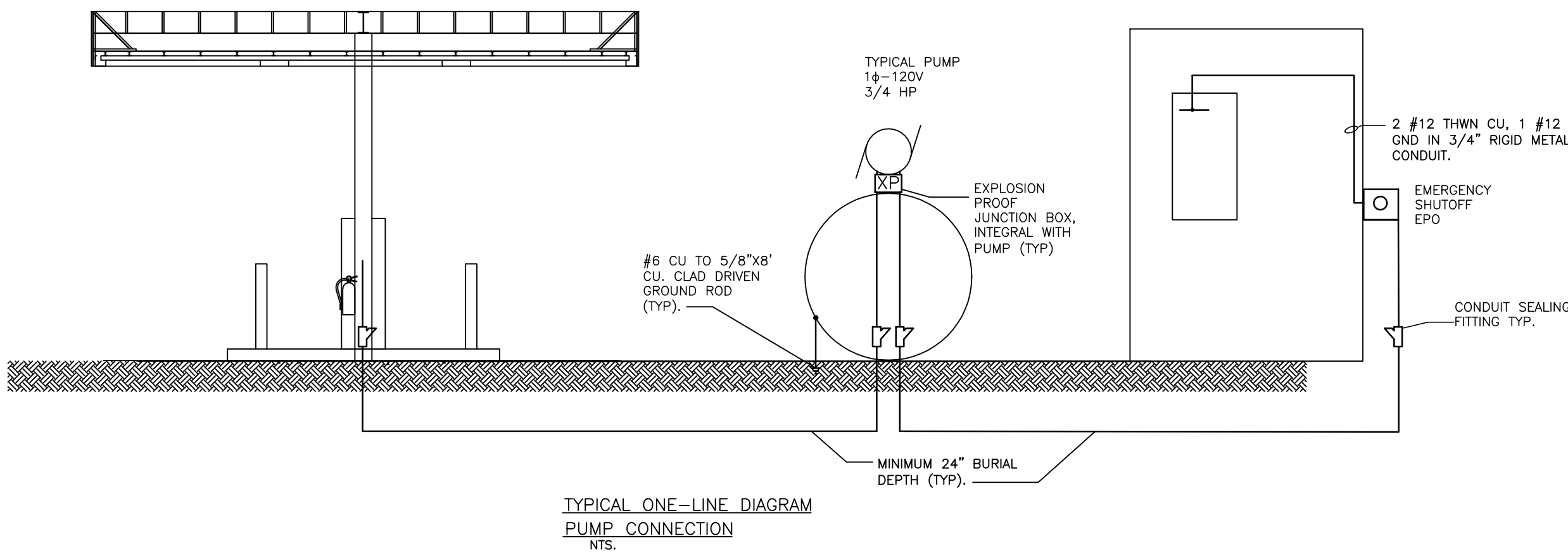
PRECAST PULL BOX INSTALLATION DETAIL  
NOT TO SCALE



TYPICAL LIGHTING CONTACTOR DETAIL  
NOT TO SCALE

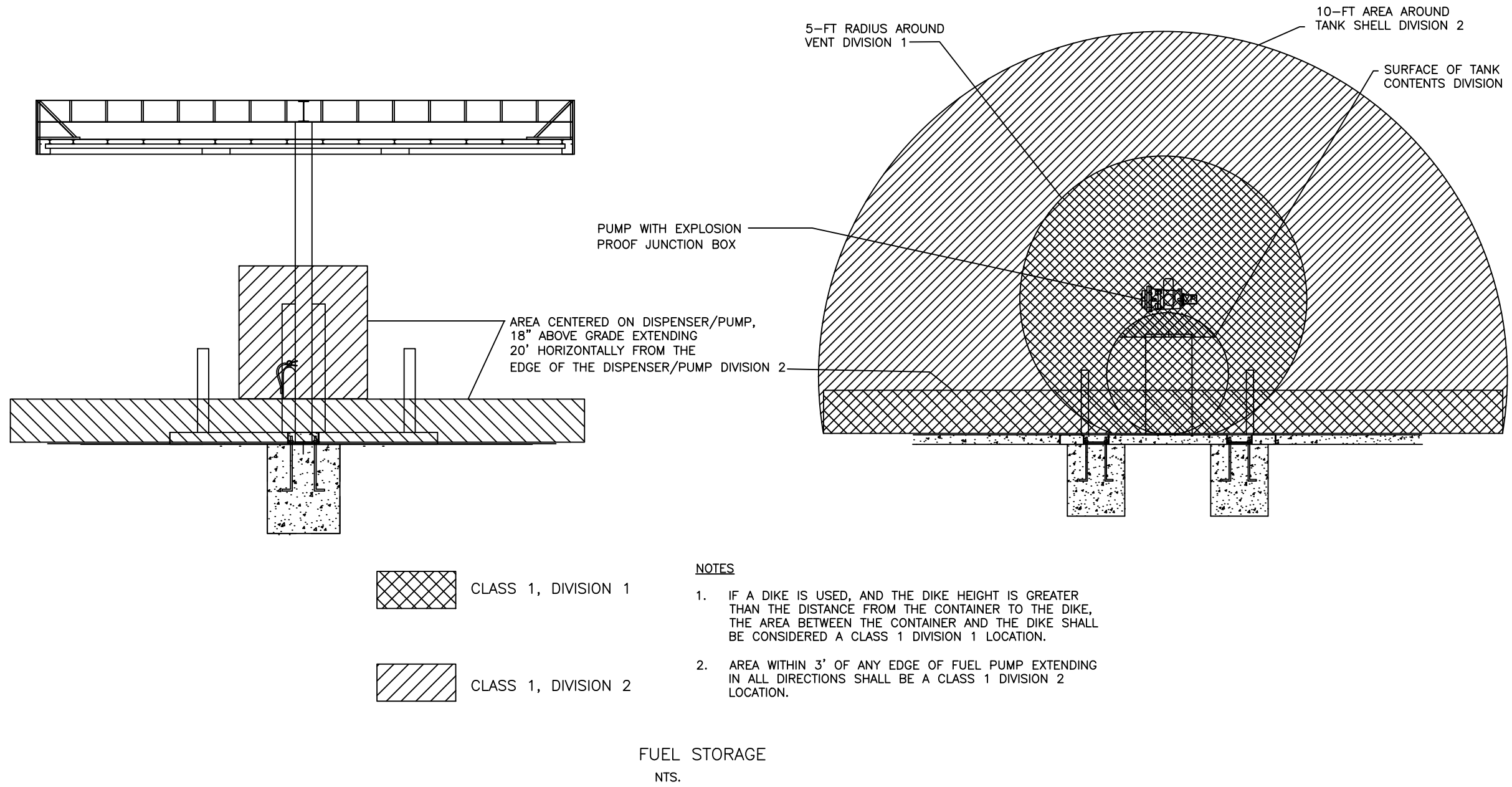
LIGHTING CONTACTOR NOTES:

- A. EACH CONTACTOR SHALL BE ELECTRICALLY HELD WITH 30A CONTACTS, 120/277V RATED. PROVIDE WITH HAND-OFF-AUTO SELECTOR AND NEMA 1 ENCLOSURE.
- B. PROVIDE 120V OR 277V CIRCUIT FOR CONTROL OF LIGHTING CONTACTOR.
- C. ROUTE CIRCUITS TO EXTERIOR CANOPY LIGHTING FIXTURES VIA LIGHTING CONTACTOR AS INDICATED ON THE SITE PLAN AND LIGHTING FLOOR PLANS.
- D. PROVIDE LIGHTING CONTACTORS WITH UL 924 LISTED EMERGENCY RELAY CAPABLE OF SWITCHING CONTACTOR ON AND TURNING ASSOCIATED LIGHTING CIRCUITS ON UPON LOSS OF NORMAL POWER REGARDLESS OF BAS SYSTEM OR LIGHTING CONTROL SWITCH INPUT. RELAY SHALL SENSOR NORMAL POWER IN AREA SERVED BY EMERGENCY LIGHTING CIRCUITS.
- E. CONTACTOR SHALL BE CAPABLE OF BEING ENGAGED BY INPUT FROM EITHER THE BAS SYSTEM INPUT OR THE EXTERIOR LIGHTING CONTROL TIMER (OR EMERGENCY RELAY FOR EMERGENCY CONTACTORS). PROVIDE ALL WIRING AND CONNECTIONS REQUIRED FOR SYSTEM OPERATION.



NOTES:

1. EXTERIOR MOUNTED EMERGENCY SHUTOFF (EPO) SHALL BE NON FUSED WITH A NEMA 3R RATING. EPO SHALL BE MOUNTED OUT OF THE HAZARDOUS AREA, BUT NO FURTHER THAN 100 FEET FROM THE DISPENSER(S). EPO SHALL BE CAPABLE OF BEING LOCKED IN THE OPEN POSITION. EMERGENCY SHUTOFF DEVICES OR ELECTRICAL DISCONNECTS SHALL DISCONNECT POWER TO ALL DISPENSING DEVICES, TO ALL REMOTE PUMPS SERVING THE DISPENSING DEVICES, TO ALL ASSOCIATED POWER, CONTROL, AND SIGNAL CIRCUITS, AND TO ALL OTHER ELECTRICAL EQUIPMENT IN THE HAZARDOUS (CLASSIFIED) LOCATIONS SURROUNDING THE FUEL DISPENSING DEVICES.
2. THE EPO SHALL BE CLEARLY IDENTIFIED AS THE SHUTOFF FOR THE PUMP(S). EPO MUST BE CAPABLE OF DISCONNECTING ALL CIRCUIT CONDUCTORS SIMULTANEOUSLY, INCLUDING THE GROUNDED CONDUCTOR.
3. WIRING SHALL BE INSTALLED IN THREADED RIGID METAL CONDUIT OR THREADED STEEL INTERMEDIATE METAL CONDUIT. ANY PORTION OF CONDUIT INSTALLED UNDER THE HAZARDOUS AREA SHALL BE SEALED WITHIN 10 FEET OF THE POINT OF EMERGENCE. THERE SHALL BE NO UNION, COUPLING, BOX, OR FITTING BETWEEN THE CONDUIT SEAL AND THE POINT OF EMERGENCE ABOVE GRADE.
4. ALL METAL RACEWAYS AND ALL NON-CURRENT CARRYING METAL PARTS OF ELECTRICAL EQUIPMENT SHALL BE GROUNDED AND BONDED. LOCKNUT-BUSHING AND DOUBLE LOCKNUT TYPES OF CONTACTS SHALL NOT BE DEPENDED ON FOR BONDING PURPOSES. BONDING JUMPERS WITH PROPER FITTINGS SHALL BE USED. NEC 250.92(B)(2)-(B)(4)
5. JUNCTION BOXES AT PUMPS SHALL BE RATED NEMA 3R AND NEMA 7D-EXPLOSION PROOF.



- CLASS 1, DIVISION 1
- CLASS 1, DIVISION 2

NOTES:

1. IF A DIKE IS USED, AND THE DIKE HEIGHT IS GREATER THAN THE DISTANCE FROM THE CONTAINER TO THE DIKE, THE AREA BETWEEN THE CONTAINER AND THE DIKE SHALL BE CONSIDERED A CLASS 1 DIVISION 1 LOCATION.
2. AREA WITHIN 3' OF ANY EDGE OF FUEL PUMP EXTENDING IN ALL DIRECTIONS SHALL BE A CLASS 1 DIVISION 2 LOCATION.

HAZARDOUS AREA DETAIL - CLASS 1, DIVISION 1 & 2  
NOT TO SCALE

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architects | engineers

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Roanoke, VA 24011  
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CITY OF ROANOKE  
REFUELING CENTERS  
FIRE STATION #6

ROANOKE CITY PROJECT NO.: RFP #24-10-66  
Spectrum Design Project No.: 23181



PROJ. MGR.: CHECKED BY: DRAWN BY:  
MAR MAR CLH

SHEET ISSUE DATE:  
10.10.2025

PROJECT PHASE:  
BID DOCUMENTS

SCALE:  
AS SHOWN  
24"x36" SHEET

REV 1 ADDENDUM #1 11.05.2025

KEY PLAN:

SHEET NAME:  
ELECTRICAL - DETAILS

SHEET NUMBER:  
E501-FS6

AHJ APPROVAL STAMP

GENERAL NOTES:

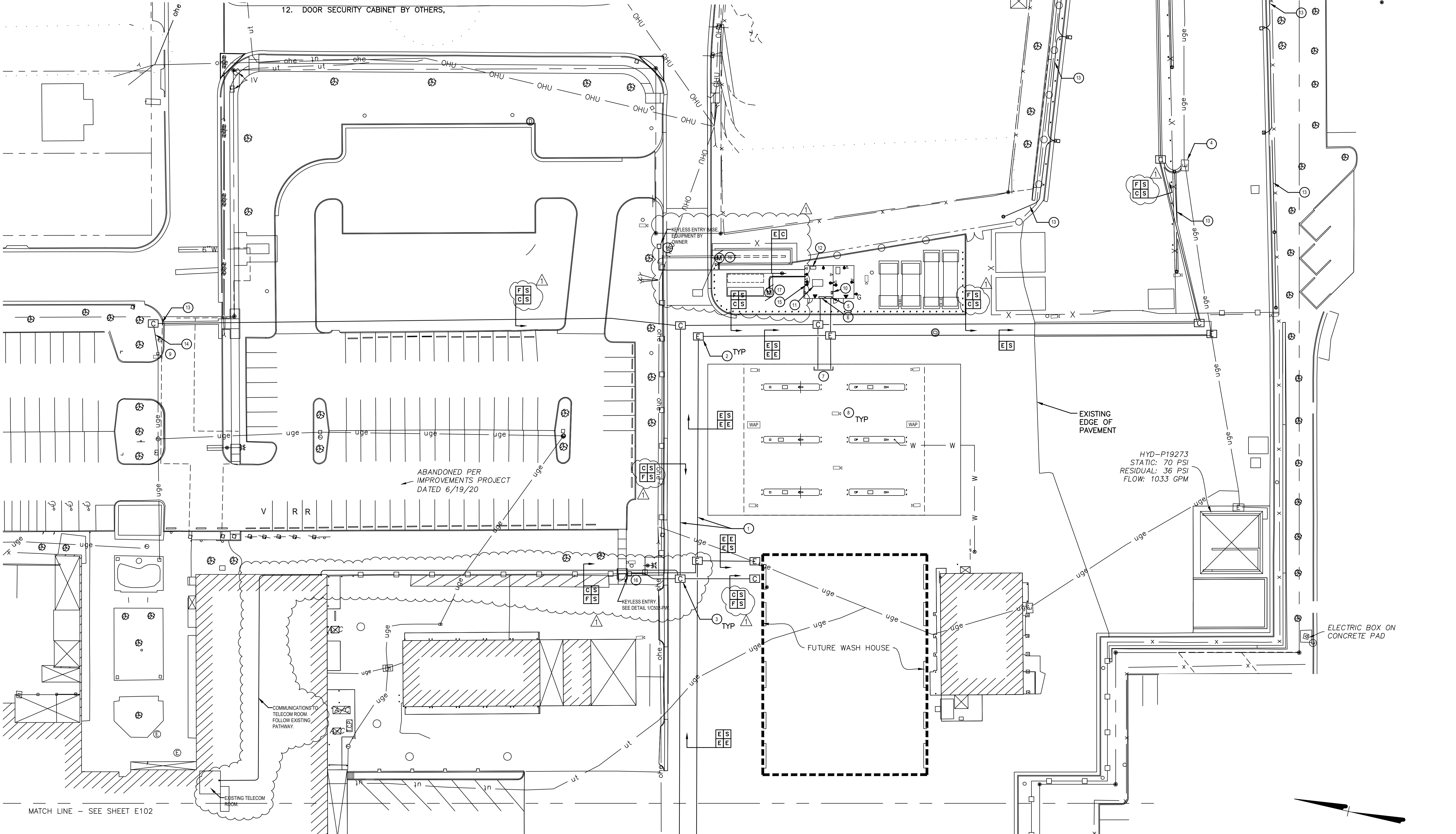
1. SEE SHEET E001-PW FOR LEGEND AND GENERAL NOTES.
2. SEE SHEET E501-PW & E502-PW FOR ELECTRICAL DETAILS.
3. SEE SHEET E601-PW FOR ELECTRICAL ONE-LINE DIAGRAMS AND PANEL SCHEDULES.

SHEET NOTES:

1. ELECTRICAL/COMMUNICATIONS/FIBER DUCTBANK, TYPICAL. SEE SHEET E501-PW FOR DUCTBANK DETAILS.
2. PRECAST ELECTRICAL MANHOLES, TYPICAL. SEE SHEET E501-PW FOR DETAILS.
3. PRECAST COMMUNICATIONS MANHOLES, TYPICAL.
4. EXISTING ELECTRICAL MANHOLES.
5. ELECTRICAL PANEL ED, SEE PANEL SCHEDULE E601-PW
6. VEEDER ROOT PANEL.
7. COORDINATE CONDUIT RUNS FOR FUEL ISLANDS WITH ONE-LINE DIAGRAM, SHEET E601-PW.
8. NEW SECURITY CAMERA LOCATIONS BY OTHERS, TYPICAL. PROVIDE CONDUIT AND PULL STRING TO EACH LOCATION.
9. EXISTING CAMERA LOCATION. NEW SECURITY CAMERA BY OTHERS. PROVIDE CONDUIT AND PULL STRING TO THIS LOCATION AS INDICATED.
10. LIGHTING CONTACTOR, FOR CANOPY LIGHTING CONTROL. SEE SHEET E501 FOR DETAILS.
11. NETWORK RACK BY OTHERS, (40" X 30") WITH 3 FOOT CLEARANCE ALL SIDES.
12. DOOR SECURITY CABINET BY OTHERS.

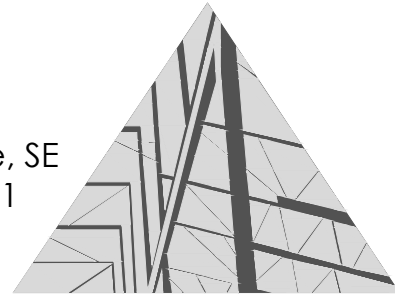
(24" X 20" X 6.5").

13. TRENCH (2) 2" CONDUITS FOR ELECTRICAL / COMMUNICATIONS. SEE TRENCH DETAIL # 2, SHEET E502-PW.
14. TRENCH (1) 2" CONDUITS FOR ELECTRICAL / COMMUNICATIONS. SEE TRENCH DETAIL # 1, SHEET E502-PW.
15. PROVIDE DEDICATED NEMA 5-20P RECEPTACLE.
16. PROVIDE MEANS OF CONTROL FROM GATE OPERATIONS. CONTROL DEVICE TO BE LOCATED IN MAIN BUILDING, COORDINATE REQUIREMENTS AND LOCATION WITH OWNER.
17. PROPANE PUMP MOTOR, BY BLOSSMAN GAS CO., PROVIDE POWER AND COMMUNICATIONS CONDUITS BACK TO TANK FARM BUILDING.



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CITY OF ROANOKE  
REFUELING CENTERS  
PUBLIC WORKS  
SERVICE CENTER

ROANOKE CITY PROJECT NO.: RFP #24-10-66  
Spectrum Design Project No.: 23181



PROJ. MGR.: CHECKED BY: DRAWN BY:  
MAR MAR CLH

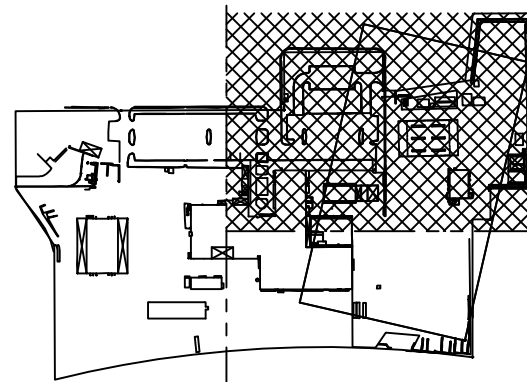
SHEET ISSUE DATE:  
10.10.2025

PROJECT PHASE:  
BID DOCUMENTS

SCALE:  
AS SHOWN  
24"x36" SHEET

SHEET REVISIONS:  
REV 1 ADDENDUM #1 11.05.2025

KEY PLAN:



SHEET NAME:  
ELECTRICAL -  
SITE PLAN

SHEET NUMBER:  
E101-PW

AHJ APPROVAL STAMP

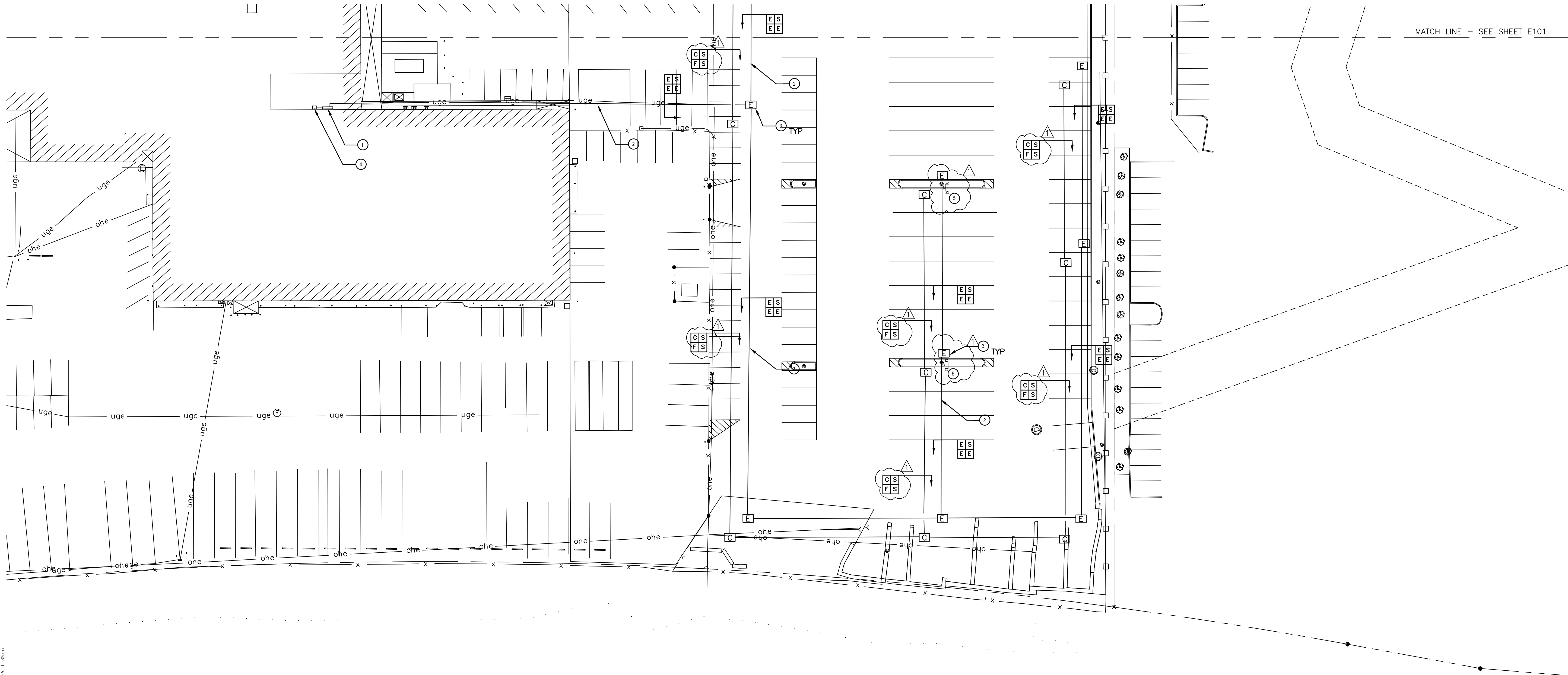


GENERAL NOTES:

1. SEE SHEET E001-PW FOR LEGEND AND GENERAL NOTES.
2. SEE SHEET E501-PW FOR ELECTRICAL DETAILS.
3. SEE SHEET E601-PW FOR ELECTRICAL ONE-LINE DIAGRAMS AND PANEL SCHEDULES.

SHEET NOTES:

1. EMERGENCY PANEL EA TO BE REPLACED.
2. ELECTRICAL/COMMUNICATIONS/FIBER DUCTBANK, TYPICAL. SEE SHEET E501-PW FOR DUCTBANK DETAILS.
3. PRECAST ELECTRICAL MANHOLES, TYPICAL. SEE SHEET E501-PW FOR DETAILS.
4. AUTOMATIC TRANSFER SWITCH,
5. NEW SECURITY CAMERA LOCATIONS BY OTHERS, TYPICAL. PROVIDE CONDUIT AND PULL STRING TO EACH LOCATION.



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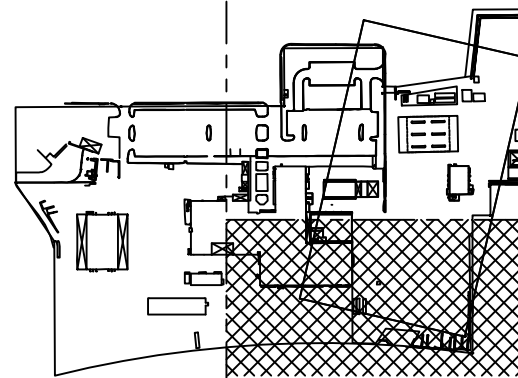
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PROJECT PHASE:  
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SCALE:  
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SHEET REVISIONS:  
REV 1 ADDENDUM #1 11.05.2025

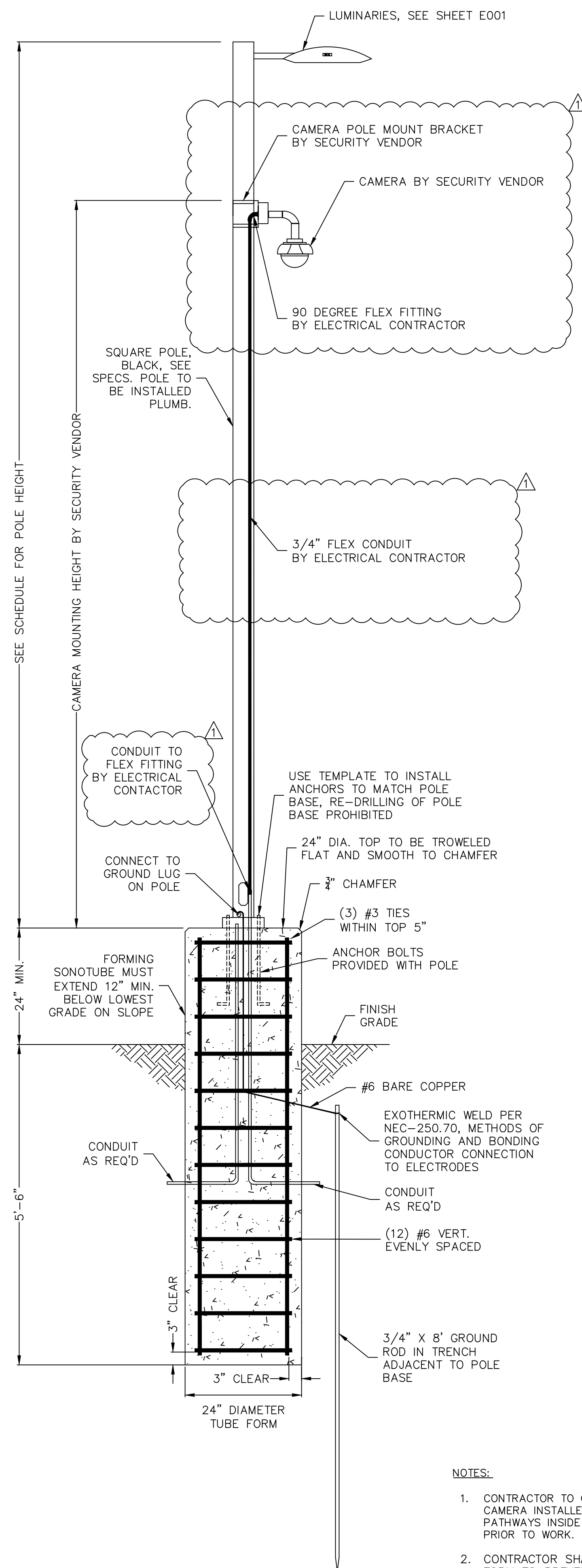
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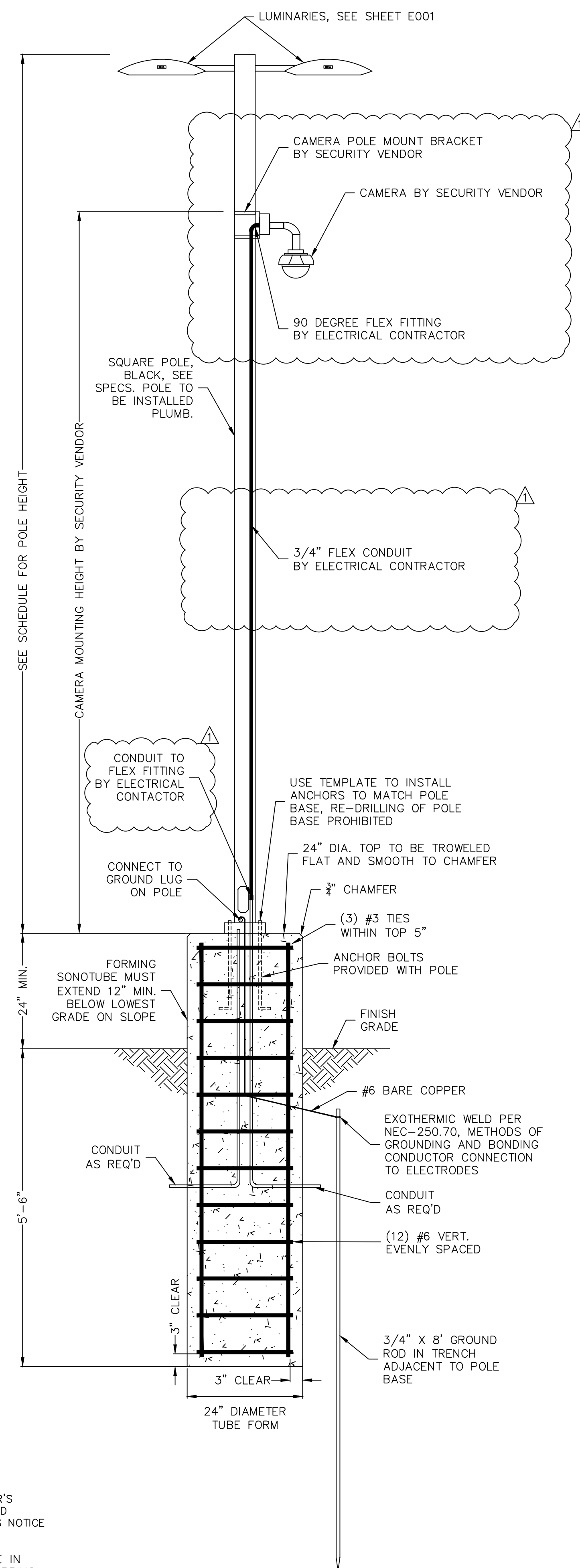
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ELECTRICAL -  
SITE PLAN

SHEET NUMBER:  
E102-PW

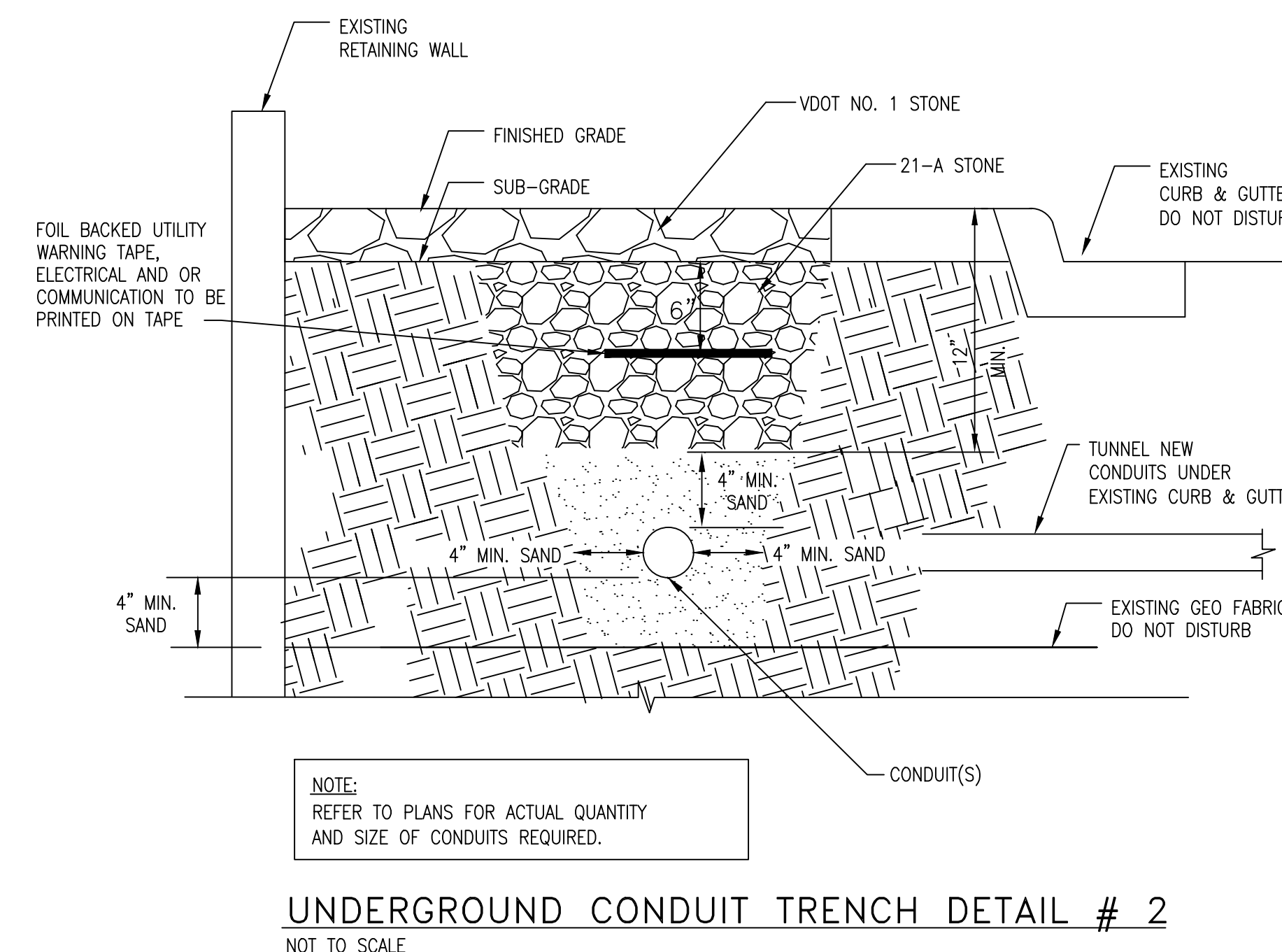
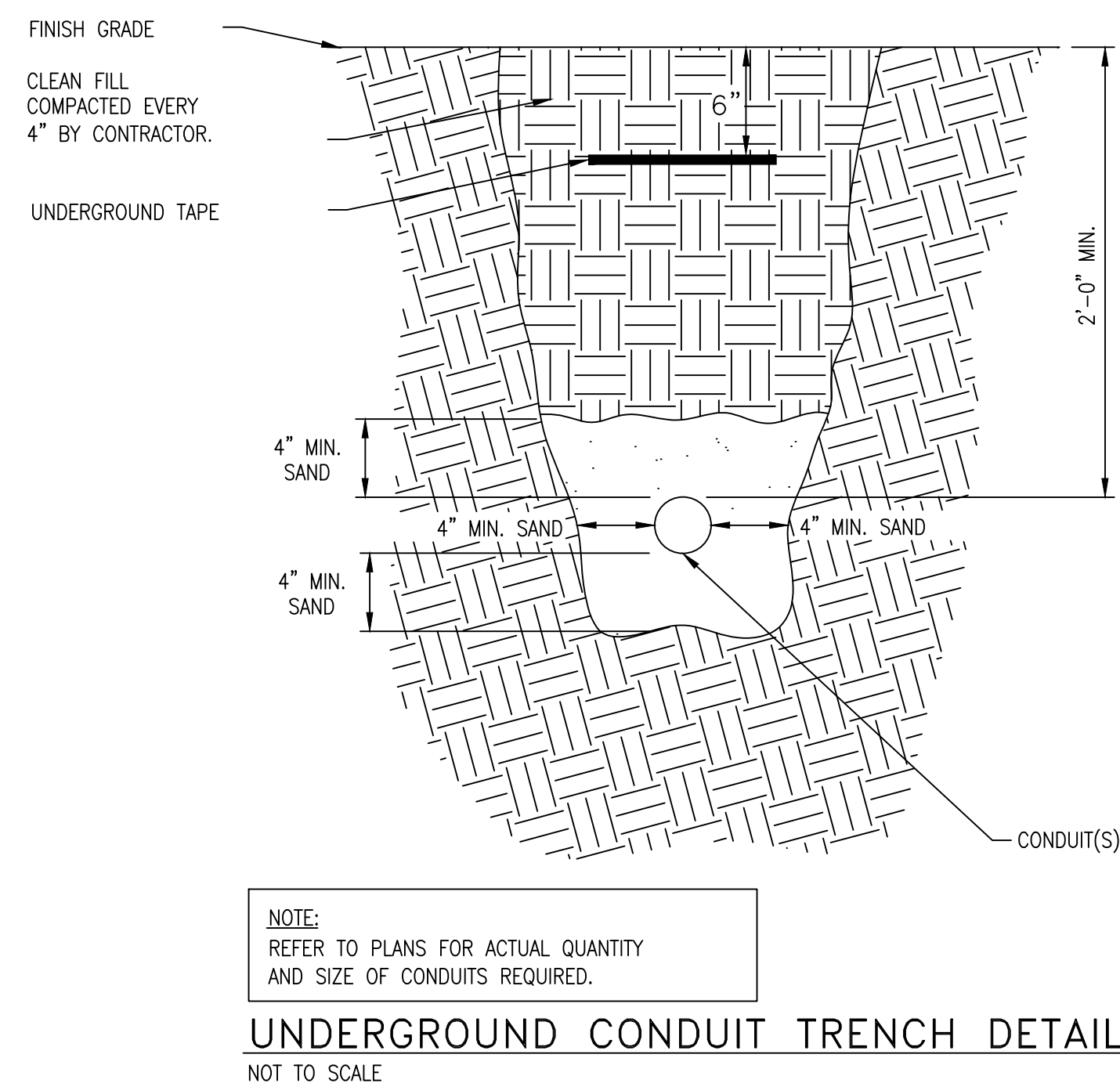
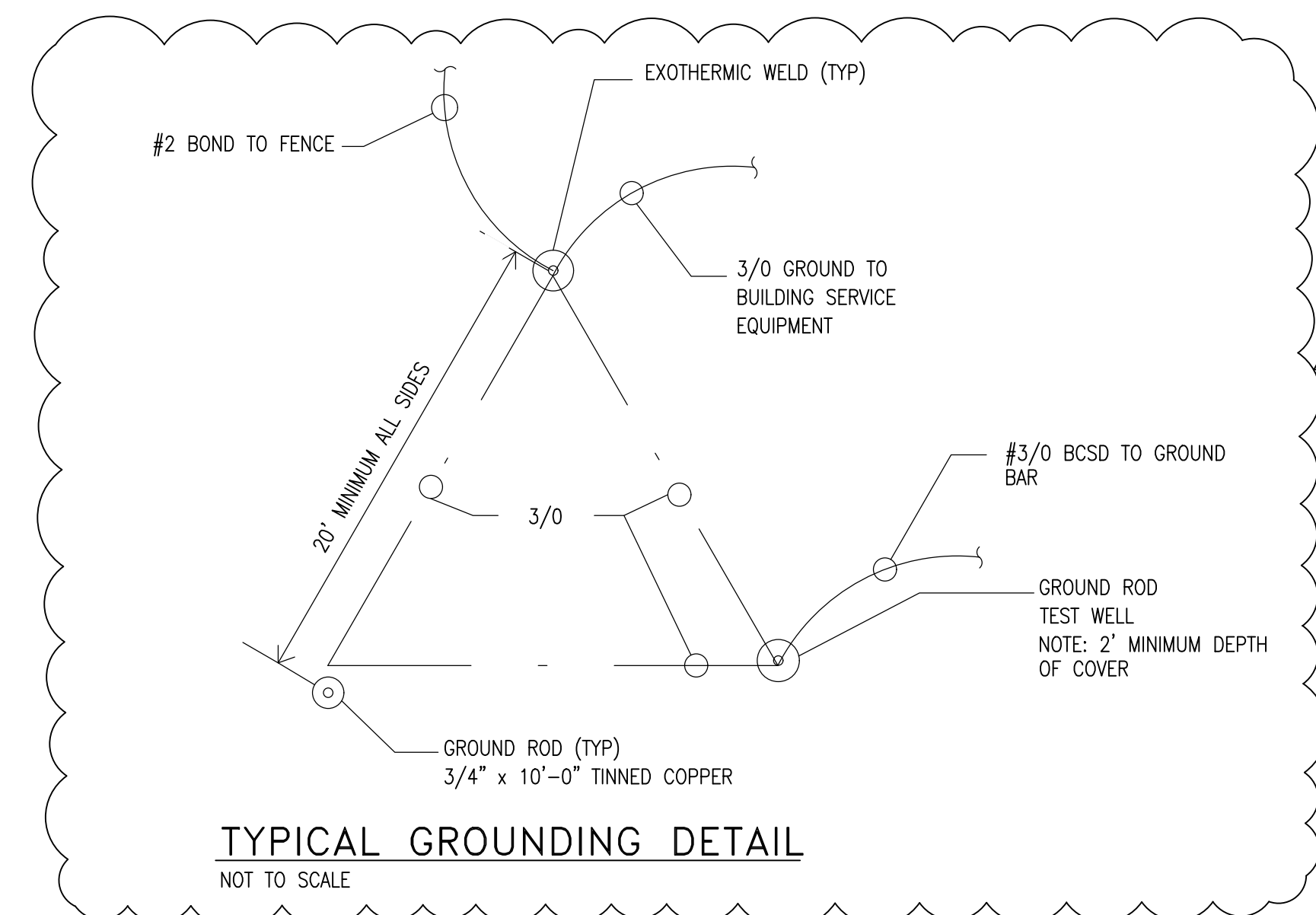
APPROVAL STAMP



DETAIL — LIGHT POLE BASE SINGLE LUMINARIES  
NOT TO SCALE



DETAIL – LIGHT POLE BASE DUAL LUMINARIES  
NOT TO SCALE



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ROANOKE CITY PROJECT NO.: **RFP #24-10-66**  
Spectrum Design Project No.: **23181**



PROJ. MGR.: **MAR**      CHECKED BY: **MAR**      DRAWN BY: **CLH**

SHEET ISSUE DATE:  
**10.10.2025**

## PROJECT PHASE: BID DOCUMENTS

SCALE:  
**AS SHOWN**  
**24"x36" SHEET**

SHEET REVISIONS:  
REV 1 ADDENDUM #1 11.05.2025

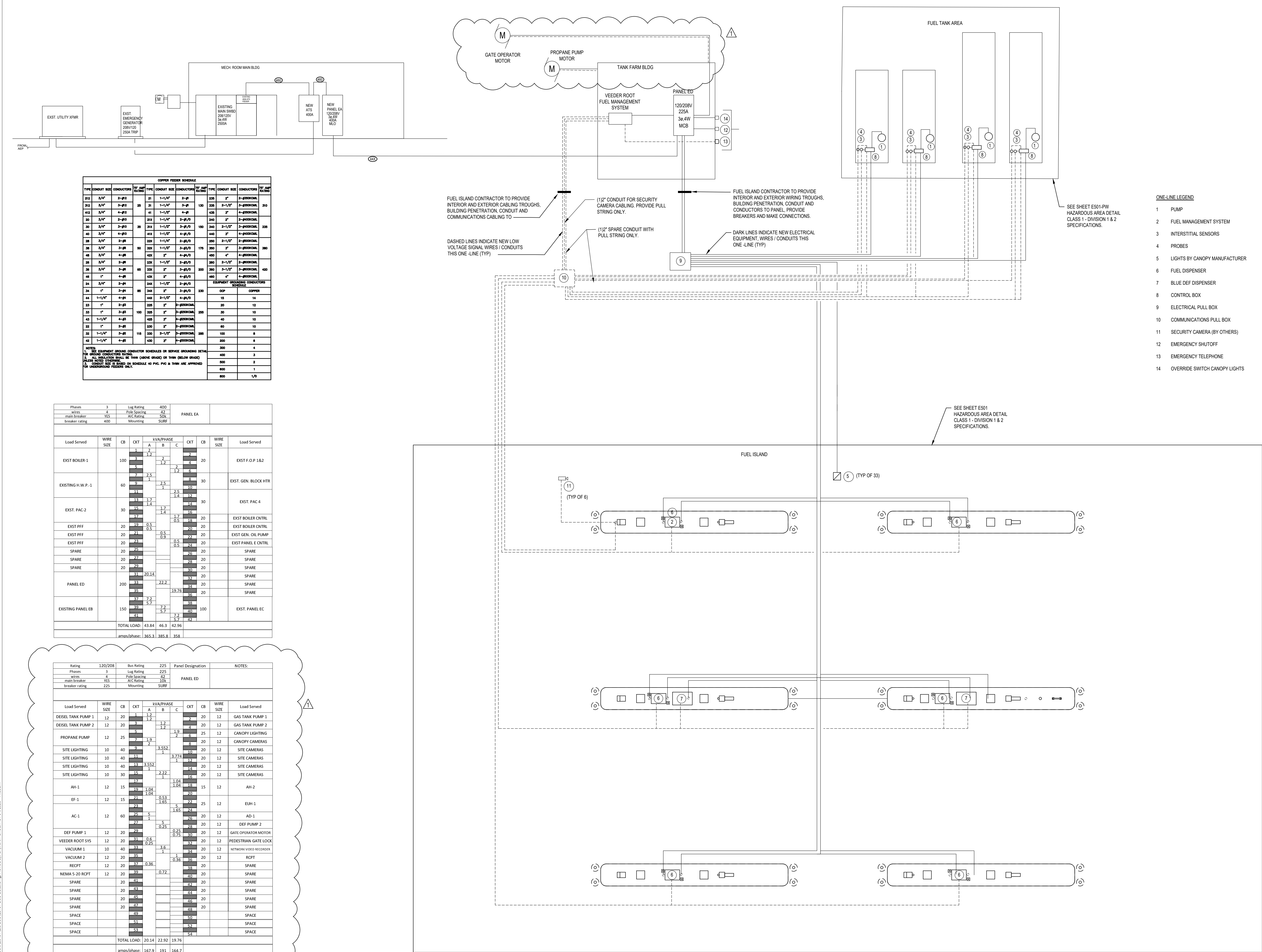
KEY PLAN:

SHEET NAME:  
**ELECTRICAL - DETAILS**

SHEET NUMBER:  
**E502-PW**



\\YODA\Projects\23181\US Bldg\2018 ELEC\Bldg.dwg, Plotted By: chaffon, Plotted Nov 04, 2025 - 11:33am



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## CITY OF ROANOKE REFUELING CENTERS PUBLIC WORKS SERVICE CENTER

ROANOKE CITY PROJECT NO.: **RFP #24-10-66**  
Spectrum Design Project No.: **23181**



PROJ. MGR.: **MAR** CHECKED BY: **MAR** DRAWN BY: **CLH**

SHEET ISSUE DATE:  
**10.10.2025**

PROJECT PHASE:  
**BID DOCUMENTS**

SCALE:  
**AS SHOWN**  
**24"x36" SHEET**

SHEET REVISIONS:  
REV 1 ADDENDUM #1 11.05.2025

KEY PLAN:

SHEET NAME:  
**ELECTRICAL -  
ONE-LINE DIAGRAMS &  
PANEL SCHEDULES**

SHEET NUMBER:  
**E601-PW**

L  
AHJ APPROVAL STAMP