

CONTACT INFORMATION

BUILDING ARCHITECT

SITE DESIGNER
DIAMOND Z ENGINEERING, INC.
5670 STATE ROAD
CLEVELAND, OH 44134
P: 440.842.6501

GENERAL NOTES

1. PROJECT IS TO BE INSTALLED AS CLASS 1, DIVISION 1.
2. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND RULES. CONTRACTOR SHALL ENSURE A SAFE WORK ENVIRONMENT EXISTS AT ALL TIMES.
3. FSC SHALL OBSERVE ANY OVERHEAD OBSTRUCTIONS THAT MAY BE IMPACTED AS PART OF THE WORK.
4. FSC IS RESPONSIBLE FOR ENSURING THAT ALL UNDERGROUND UTILITIES ARE LOCATED AND MARKED. ANY DAMAGE TO UTILITIES AS PART OF THE WORK SHALL BE BORNE BY THE FSC.
5. FSC SHALL TAKE DELIVERY OF AND UNLOAD ALL EQUIPMENT UPON ARRIVAL AS NEEDED. FSC IS OTHERWISE RESPONSIBLE FOR ALL EQUIPMENT UNTIL SITE ACCEPTANCE AND TURN-OVER TO THE OWNER.
6. HAZARDOUS AREAS ARE DEFINED PURSUANT TO THE NATIONAL ELECTRIC CODE. THESE MUST BE OBSERVED WHEN INSTALLING SPARK GENERATING EQUIPMENT.
7. FSC TO ENSURE ALL TANKS AND LINES ARE CLEANED PRIOR TO DROPPING FUEL AND PURGING THE FUEL SYSTEM.

NOTE:
ANY DEVIATION FROM THE SPECIFIED
EQUIPMENT & MATERIALS MUST BE
APPROVED PRIOR TO INSTALLATION BY
THE CONSTRUCTION MANAGER.

LEGEND

- ###

EQUIPMENT IDENTIFIER



UNDISTURBED SOIL
- X
X-X

DETAIL IDENTIFIER



PEA GRAVEL
- FSC

FUEL SYSTEM CONTRACTOR



CONCRETE
- XXX

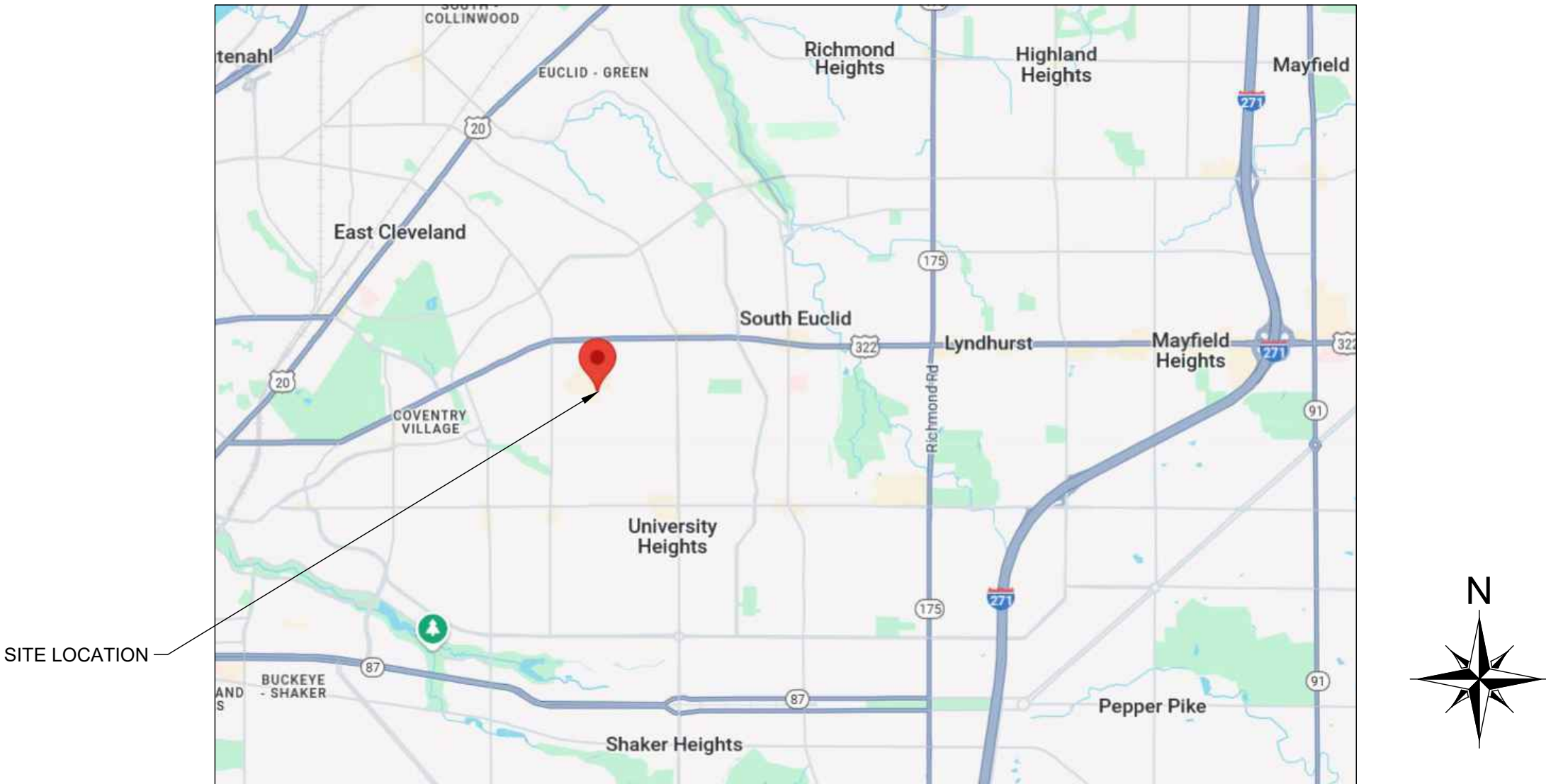
CONDUIT IDENTIFIER

3,000 GALLON
EMERGENCY GENERATOR
AST INSTALLATION

SITE ADDRESS:

SPECTRUM
7 SEVERANCE CIRCLE
CLEVELAND HEIGHTS, OH 44118

LOCATION MAP



DRAWING INDEX			
DRAWING NO.	DESCRIPTION	REVISION	DATE
C-0	COVER SHEET	1	12/13/2024
C-1	OVERALL SITE PLAN	1	12/13/2024
C-2	CIVIL WORK AREA	1	12/13/2024
E-1	ELECTRICAL WORK AREA	1	12/13/2024
T-1	TANK & MISCELLANEOUS DETAILS	1	12/13/2024
T-2	TANK SIGNAGE	1	12/13/2024

ONE CALL



Know what's below.
Call before you dig.
48 HOURS BEFORE YOU DIG CALL 811.

REVISIONS

GLZ					
12/13/2024					

INITIAL ISSUE

					
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SPECTRUM

7 SEVERANCE CIRCLE
CLEVELAND HEIGHTS, OH 44118

12/30/2024





DIAMOND Z
ENGINEERING, INC.

COVER SHEET

DIAMOND Z ENGINEERING, INC.
5670 STATE ROAD
CLEVELAND, OH 44134
PHONE: 440-842-6501

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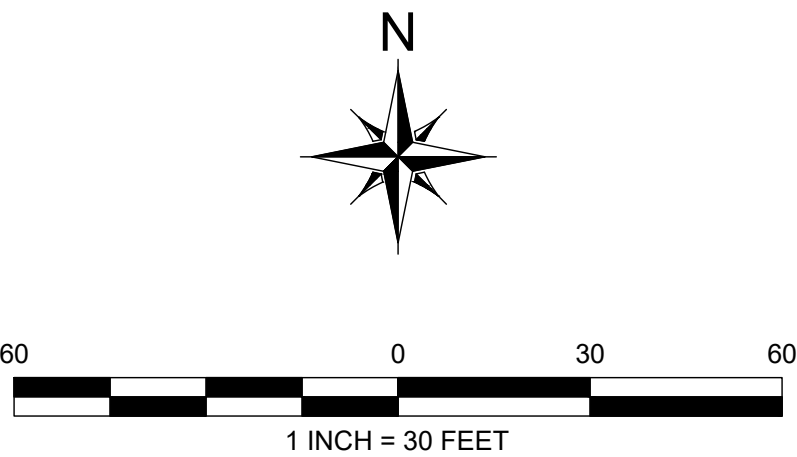
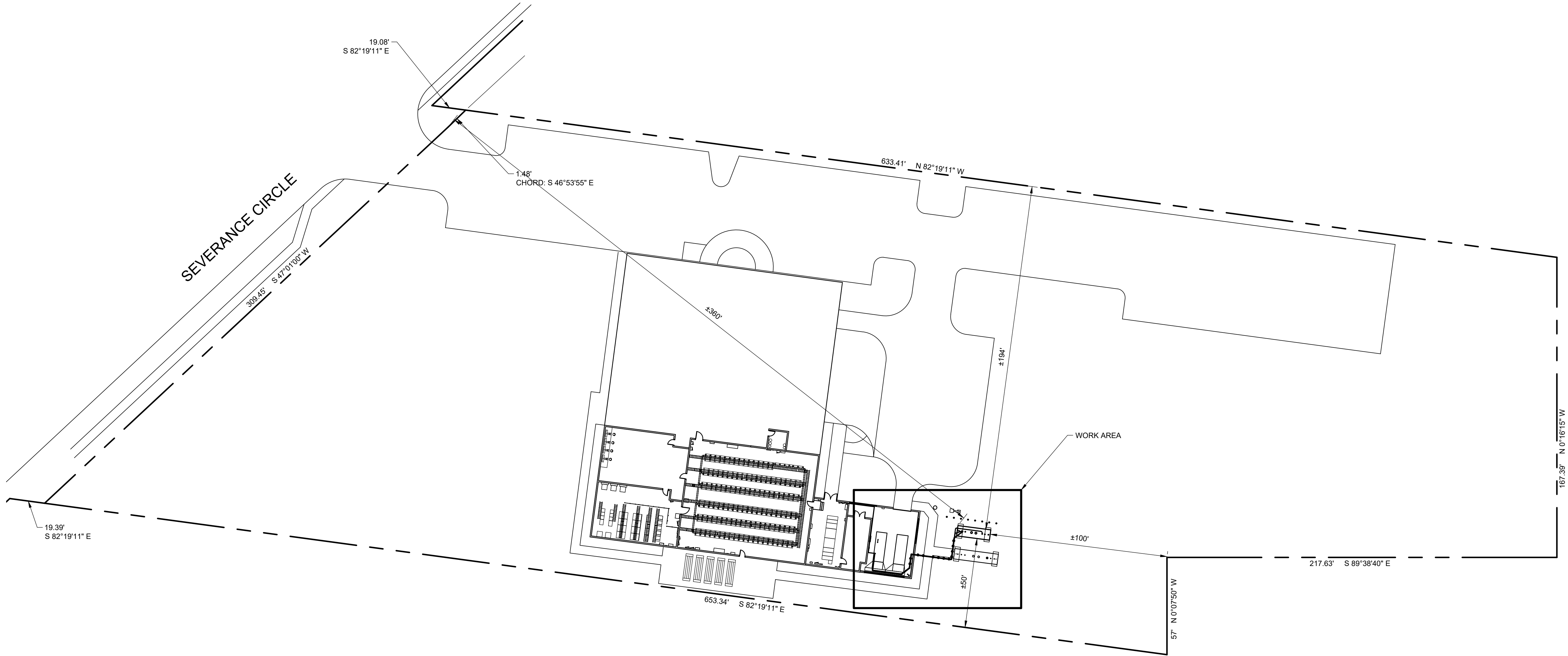
SCALE:
NONE

DATE:
12/13/2024

DRAWN BY:
GLZ

PROJECT NO.:
OH-5327

DRAWING NO.
C-0



REVISIONS					
GLZ	DATE	DESCRIPTION	BY	CHKD	APP'D
12/13/2024					

SPECTRUM

7 SEVERANCE CIRCLE
CLEVELAND HEIGHTS, OH 44118

12/30/2024

Wesley Hagler

DIAMOND Z ENGINEERING, INC.

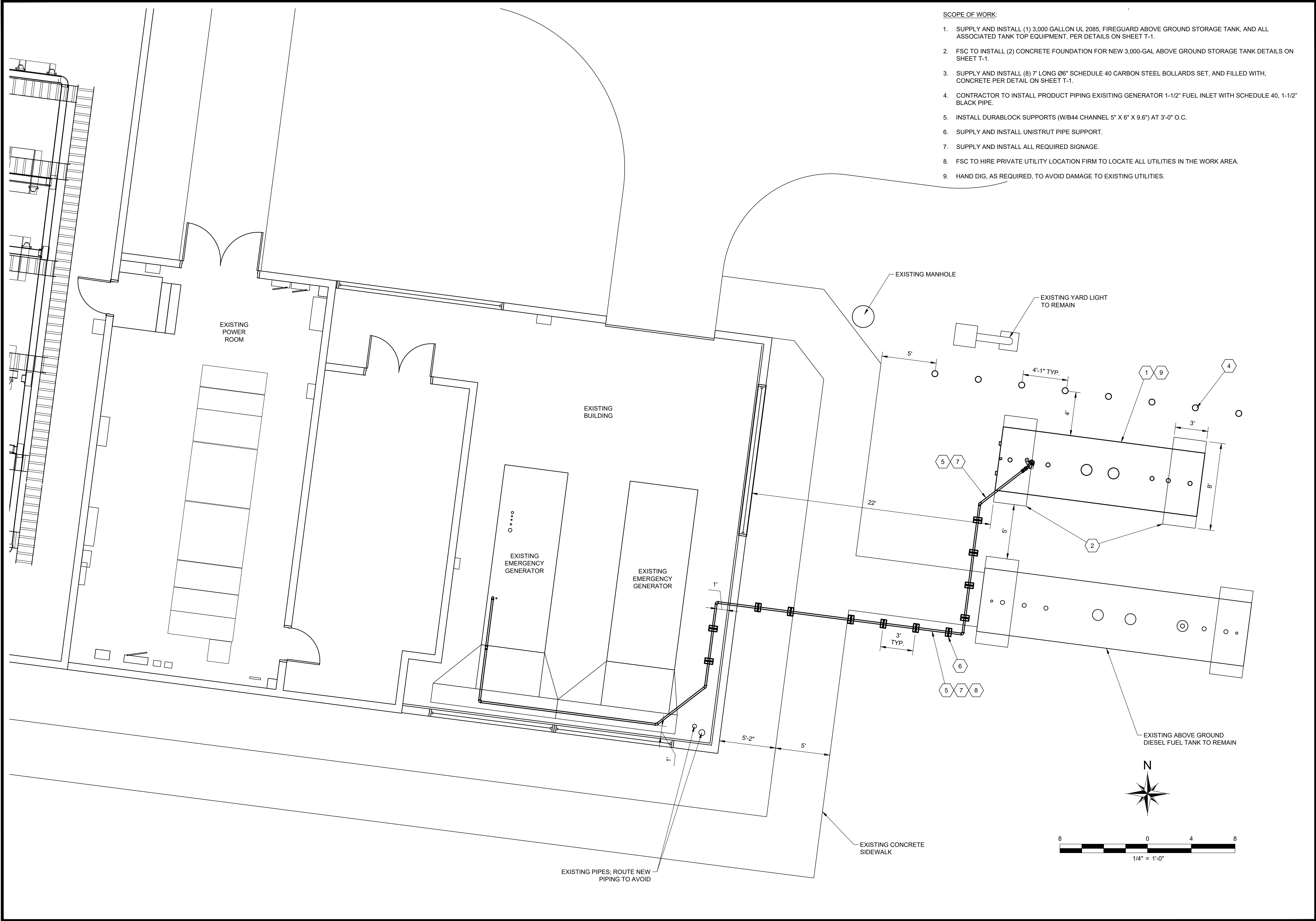
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OVERALL SITE PLAN

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SCALE: 1" = 30'-0"	DATE: 12/13/2024
DRAWN BY: GLZ	PROJECT NO.: OH-5327

DRAWING NO.
C-1



SCOPE OF WORK:

1. SUPPLY AND INSTALL (1) 3,000 GALLON UL 2085, FIREGUARD ABOVE GROUND STORAGE TANK, AND ALL ASSOCIATED TANK TOP EQUIPMENT, PER DETAILS ON SHEET T-1.
2. FSC TO INSTALL (2) CONCRETE FOUNDATION FOR NEW 3,000-GAL ABOVE GROUND STORAGE TANK DETAILS ON SHEET T-1.
3. SUPPLY AND INSTALL (8) 7' LONG Ø6" SCHEDULE 40 CARBON STEEL BOLLARDS SET, AND FILLED WITH, CONCRETE PER DETAIL ON SHEET T-1.
4. CONTRACTOR TO INSTALL PRODUCT PIPING EXISITING GENERATOR 1-1/2" FUEL INLET WITH SCHEDULE 40, 1-1/2" BLACK PIPE.
5. INSTALL DURABLOCK SUPPORTS (W/B44 CHANNEL 5" X 6" X 9.6") AT 3'-0" O.C.
6. SUPPLY AND INSTALL UNISTRUT PIPE SUPPORT.
7. SUPPLY AND INSTALL ALL REQUIRED SIGNAGE.
8. FSC TO HIRE PRIVATE UTILITY LOCATION FIRM TO LOCATE ALL UTILITIES IN THE WORK AREA.
9. HAND DIG, AS REQUIRED, TO AVOID DAMAGE TO EXISTING UTILITIES.

REVISIONS					
GLZ					
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SPECTRUM

7 SEVERANCE CIRCLE
CLEVELAND HEIGHTS, OH 44118

12/30/2024

WESLEY HÄGLER 60017
REGISTERED PROFESSIONAL ENGINEER
STATE OF OHIO

DIAMOND Z ENGINEERING, INC.

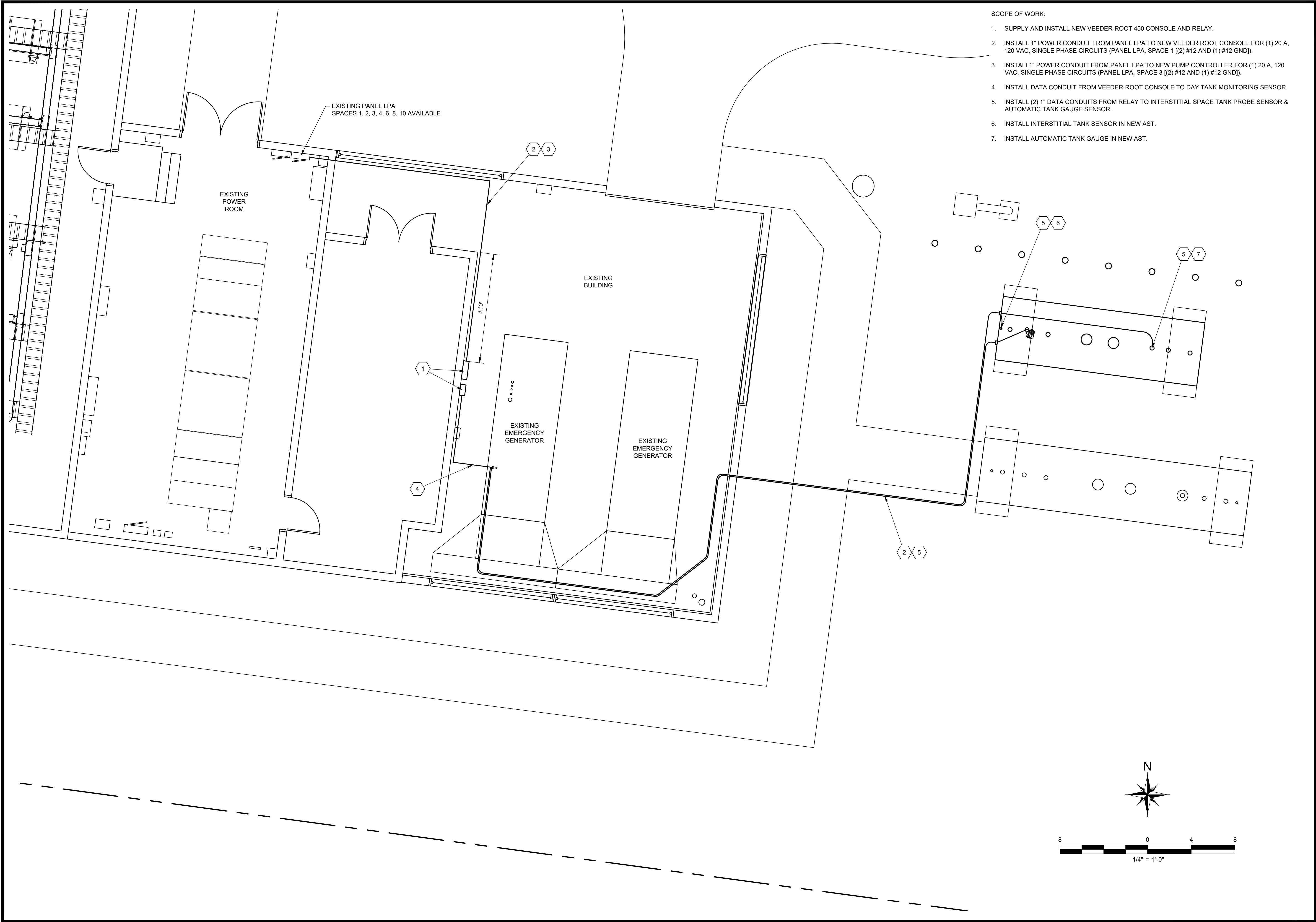
CIVIL WORK AREA

DIAMOND Z ENGINEERING, INC.
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SCALE: 1/4" = 1'-0"	DATE: 12/13/2024
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DRAWING NO.
C-2



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7 SEVERANCE CIRCLE
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12/30/2024

WESLEY
HAGLER
60017

STATE OF OHIO
REGISTERED PROFESSIONAL ENGINEER

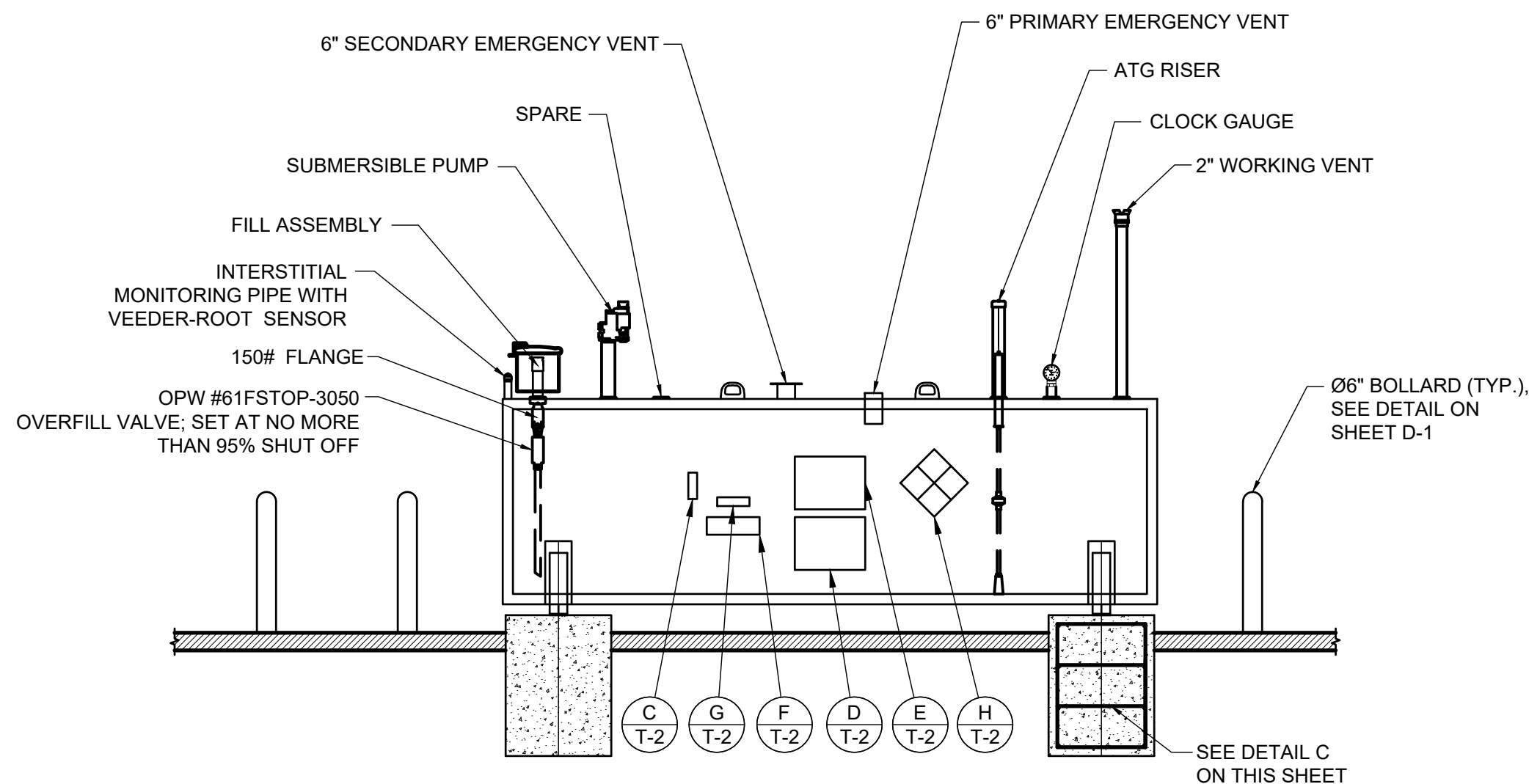
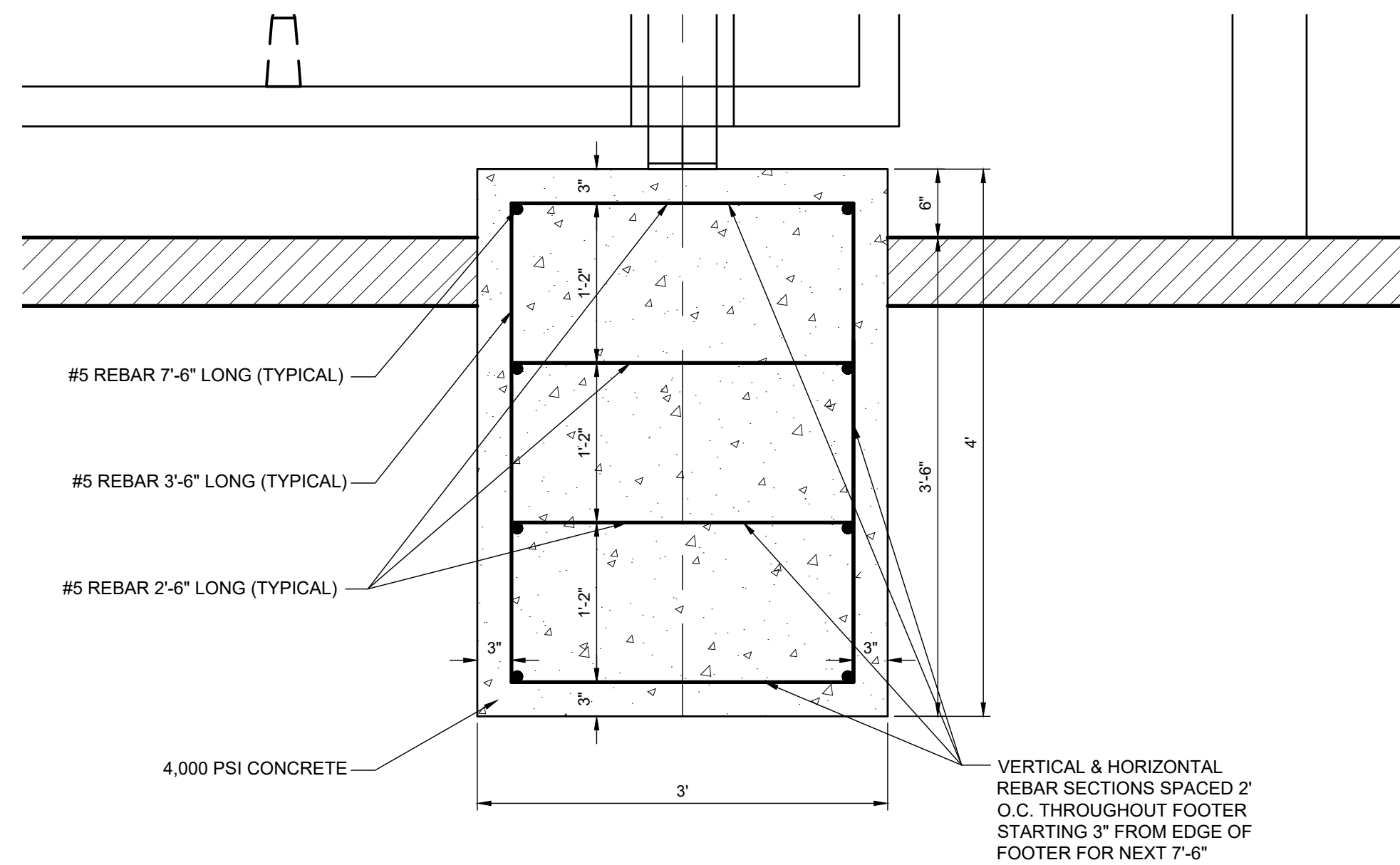
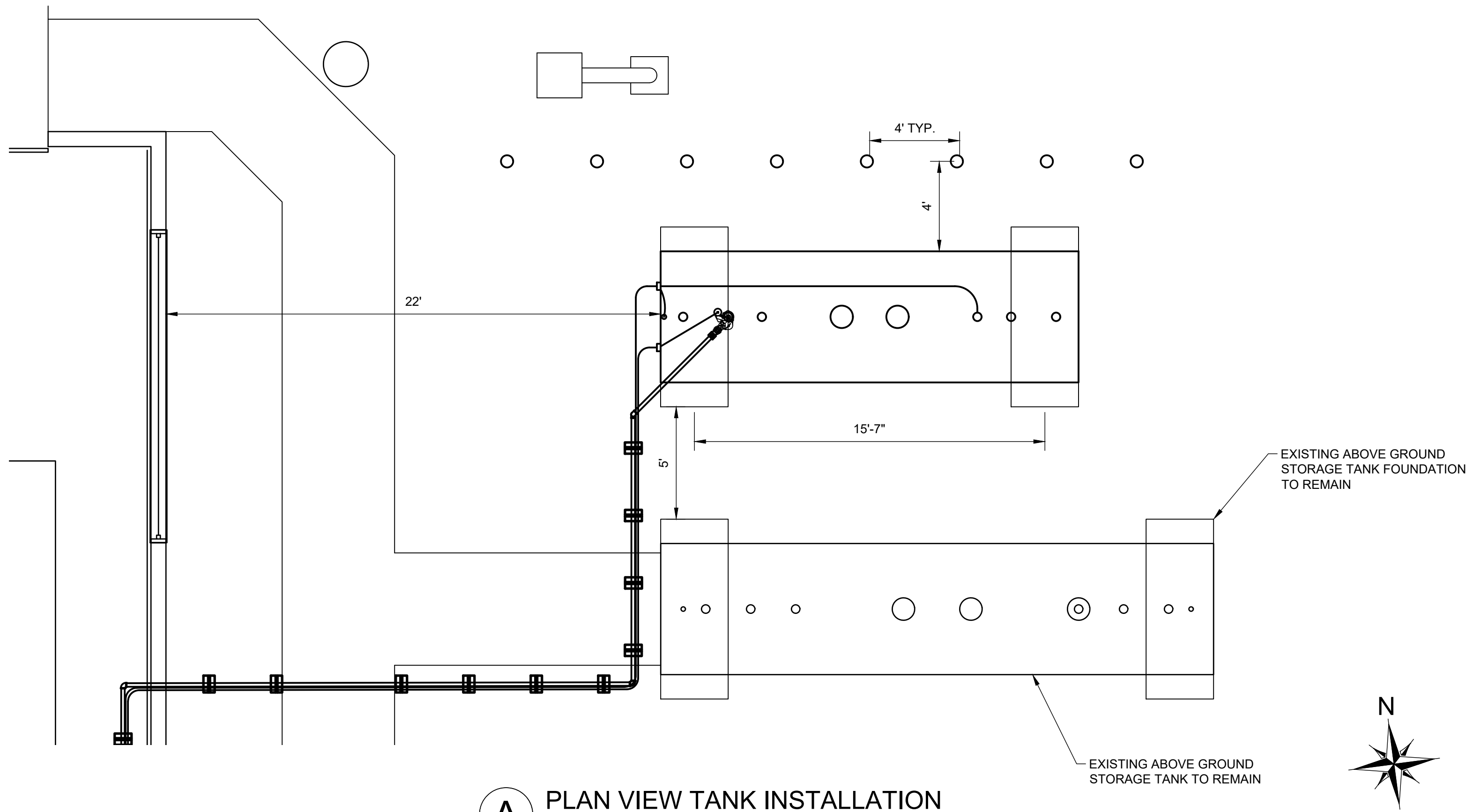
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ELECTRICAL WORK AREA

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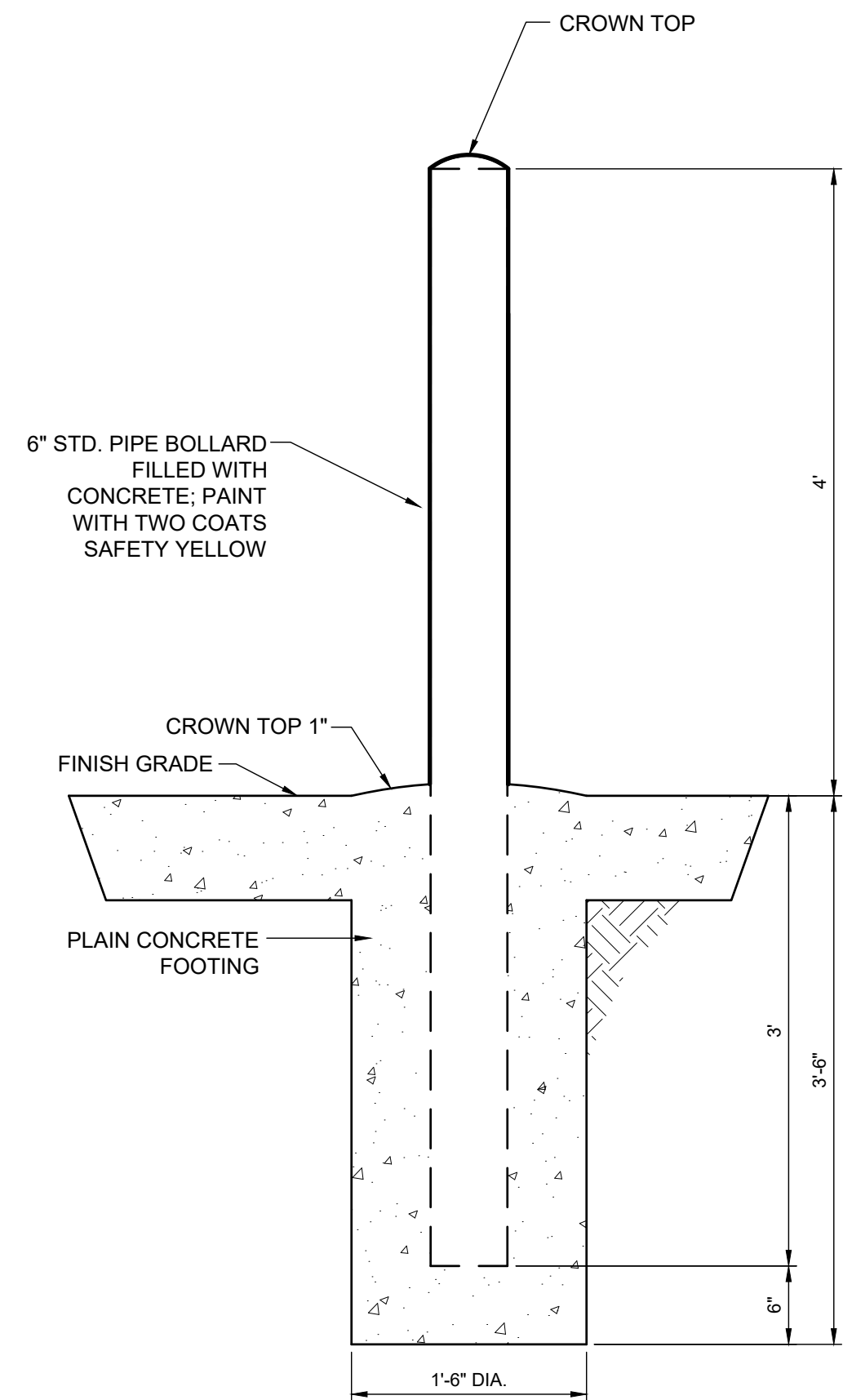
DRAWING NO.
E-1



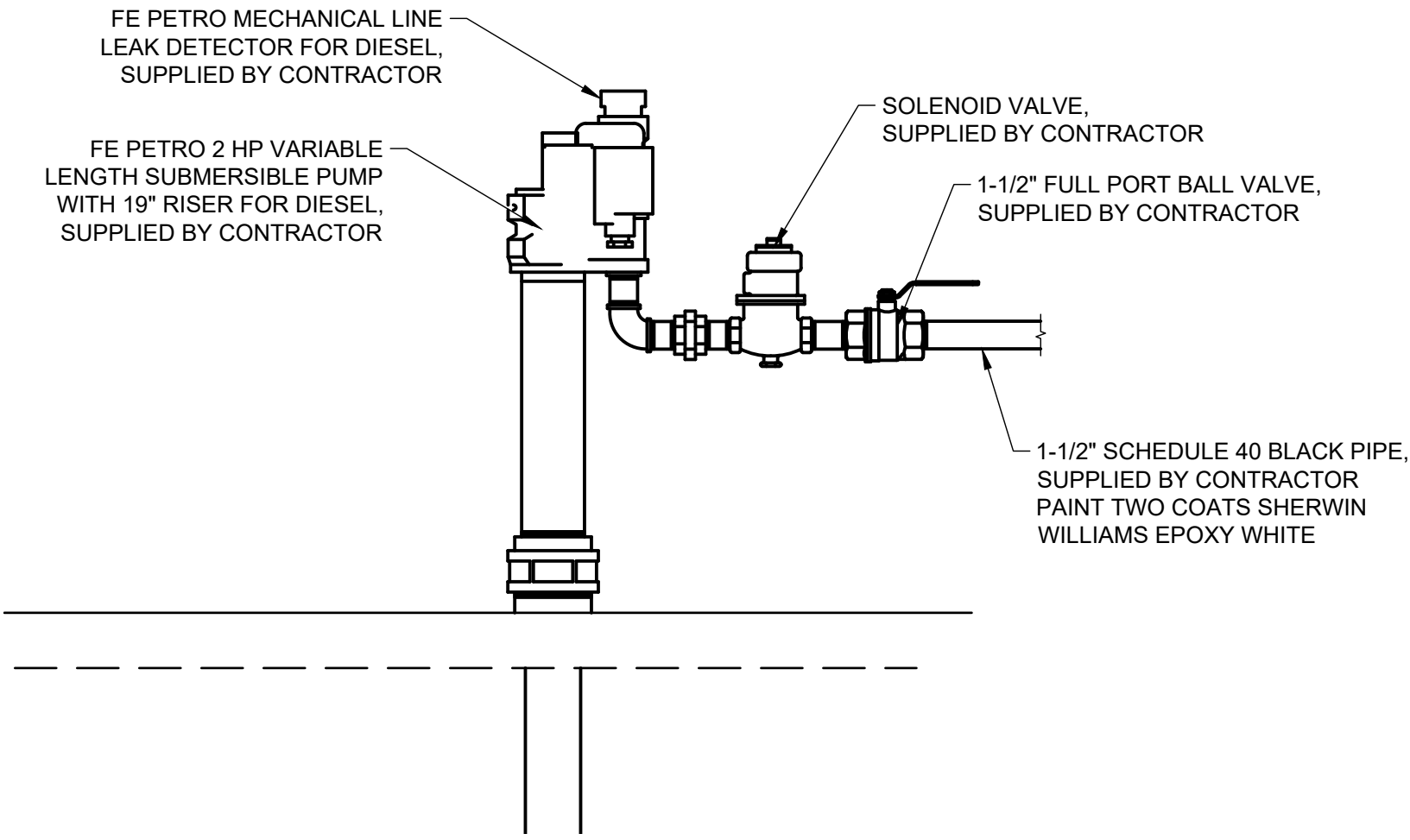
NOTE:
CONTRACTOR TO SUPPLY ALL
CARBON STEEL PIPE,
FITTINGS, VALVES, & OTHER
AST RELATED PIPING.

AST INSTALLATION NOTES:

1. PRODUCT PIPING TO SLOPE BACK TO TANK 1.125" PER FOOT MINIMUM. CROSSOVERS SHALL BE MINIMIZED AND PROPERLY CONNECTED.
2. COAT ALL BURIED STEEL WITH COAL TAR EPOXY/WRAP.
3. SEE SITE SPECIFIC PLANS FOR ACTUAL TANK PLACEMENT AND ORIENTATION.
4. CRANE TO BE USED TO OFFLOAD & SET TANK AS PER MANUFACTURER'S REQUIREMENTS.
5. OSHA REQUIREMENTS FOR TANK INSTALLATIONS INCLUDE FALL PROTECTION WHEN OFF LOADING, ABOVE GROUND TESTING & OTHER INSTALLATION PROCESSES WHEN THE TANK IS IN THE EXCAVATION. SEE DIAMOND Z ENGINEERING REPRESENTATIVE FOR OPTIONS REGARDING THIS REQUIREMENT BEFORE THE TANK INSTALLATION ACTIVITIES TAKE PLACE.



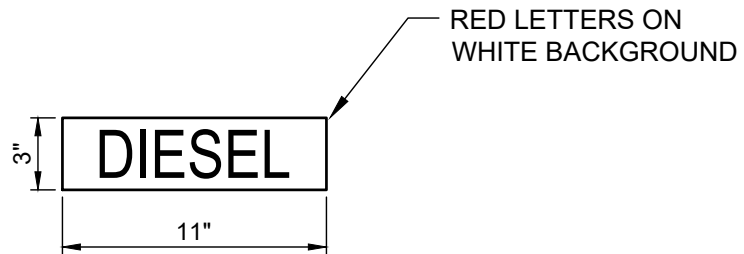
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12/30/2024	 <i>Wesley Hagler</i>				
 DIAMOND Z ENGINEERING, INC.					
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DRAWN BY: GLZ			PROJECT NO.: OH-5327		
DRAWING NO. T-1					
TANK & MISCELLANEOUS DETAILS					



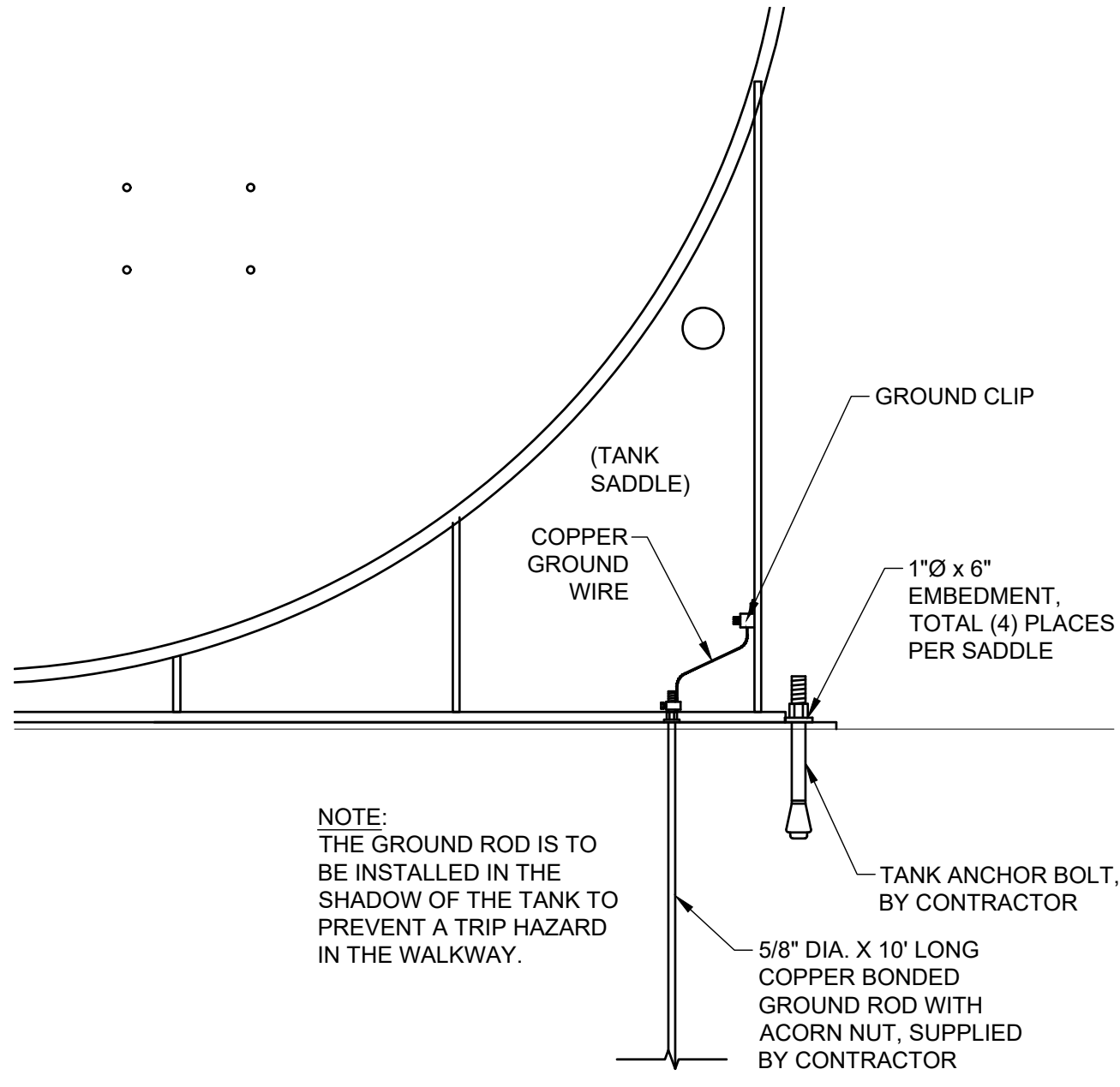
A DIESEL TANK STP INSTALLATION
SCALE: 1" = 1'-0"



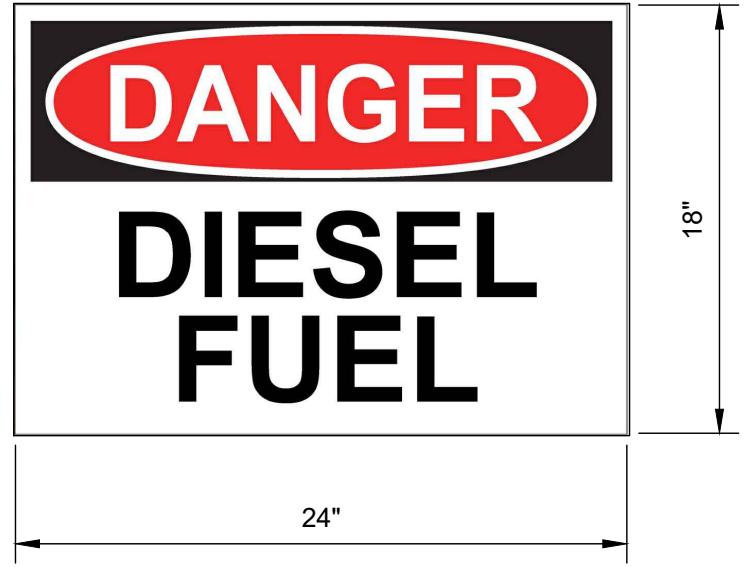
D NO SMOKING DECAL
SCALE: 1-1/2" = 1'-0"



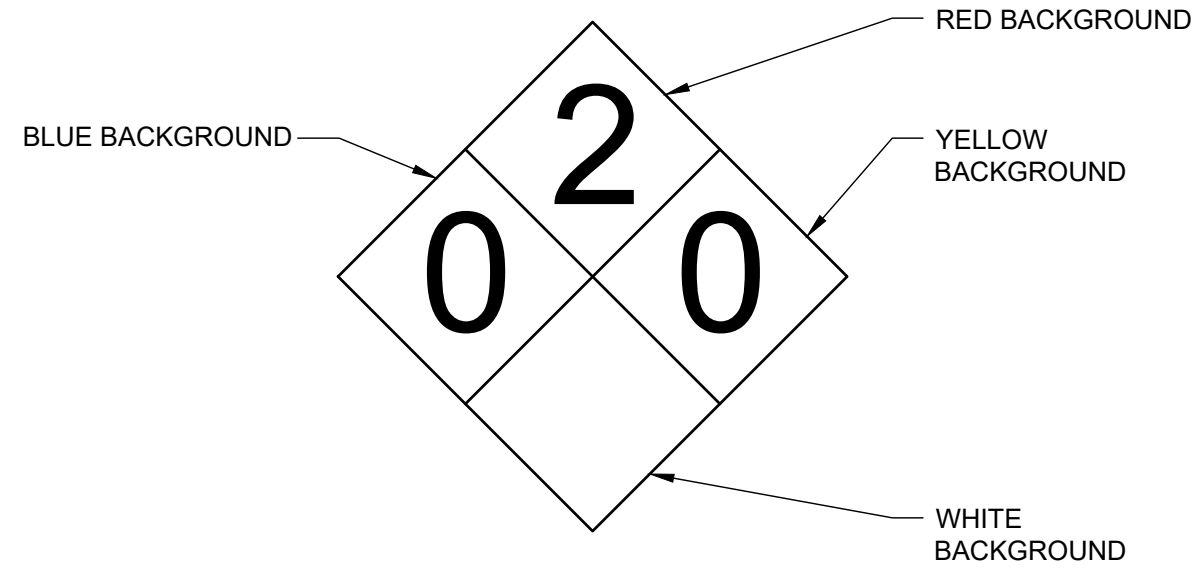
G PRODUCT DECAL
SCALE: 1-1/2" = 1'-0"



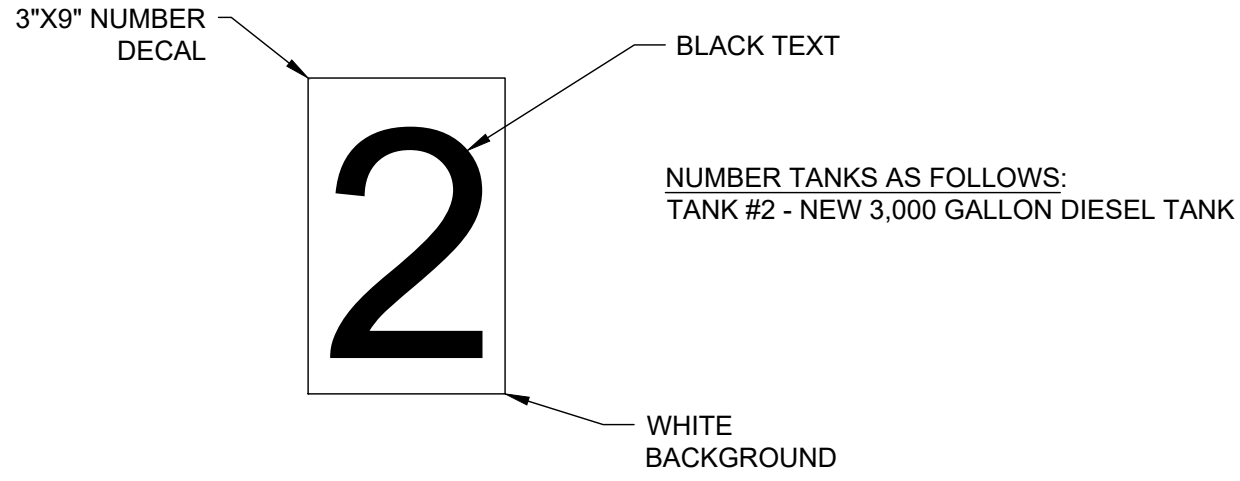
B TANK MOUNTING DETAIL
SCALE: 1" = 1'-0"



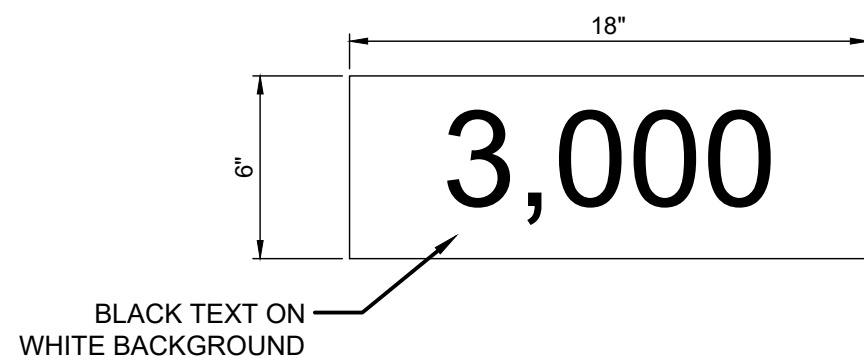
E DANGER DECAL
SCALE: 1-1/2" = 1'-0"



H HAZARDOUS MATERIAL PLACARD
SCALE: 1-1/2" = 1'-0"



C TANK NUMBER DECAL
SCALE: 1-1/2" = 1'-0"



F VOLUME DECAL
SCALE: 1-1/2" = 1'-0"

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WESLEY HÄGLER 60017

STATE OF OHIO

PROFESSIONAL ENGINEER

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TANK SIGNAGE

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T-2