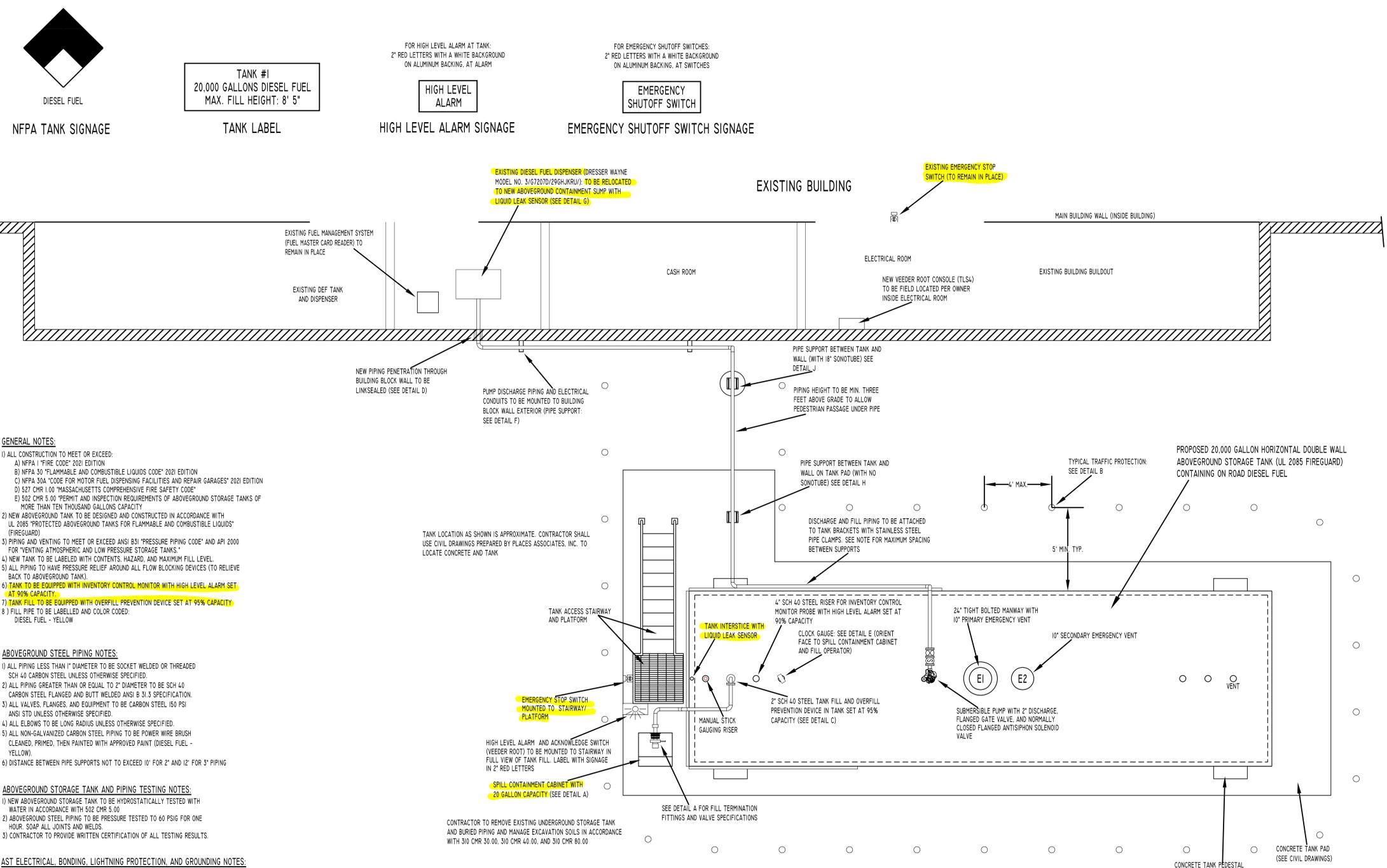




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Checked by 111 SUMMER STREET, SCITUATE, MA 02026

Revised on



TANK LAYOUT: PLAN VIEW

SEE DRAWING M-2 AND M-3 FOR REFERENCED DETAILS  
SEE CIVIL DRAWINGS FOR SITE PLAN AND CONCRETE INFORMATION  
SCALE: 3/8" = 1'

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Architecture - Project Management - Interior Design

Project

MERRIMACK VALLEY REGIONAL TRANSIT AUTHORITY

FUEL TANK RELOCATION AND RETAINING WALL



123 RAILROAD AVE.  
HAVERHILL, MA 01835

Drawing Status  
FOR CONSTRUCTION

Issued On 7/16/2025

Sheet Contents  
TANK LAYOUT - PIPE AND MECHANICAL

Project Number. 6859

Drawing No. M-1

Sheet 1 of 3

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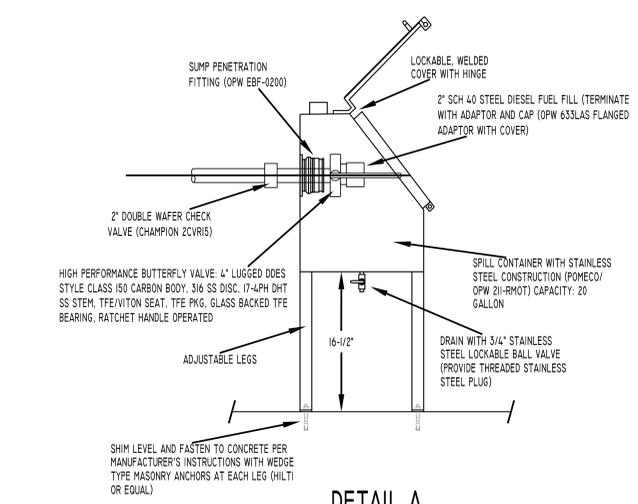
Certification



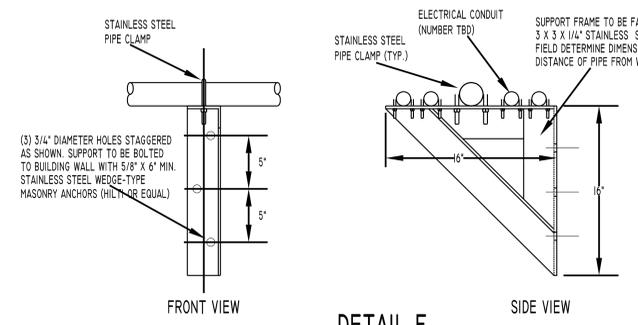
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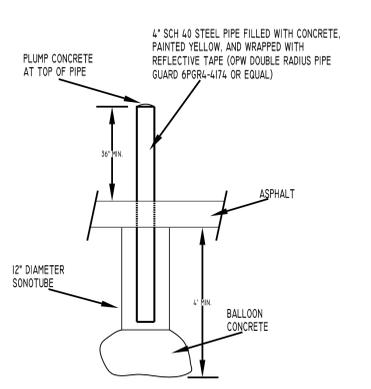
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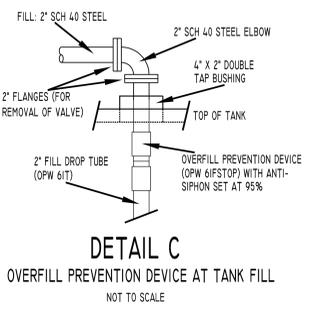
**DETAIL A**  
 SPILL CONTAINMENT CABINET  
 NOT TO SCALE



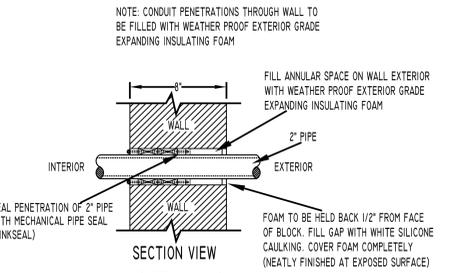
**DETAIL F**  
 WALL PIPE SUPPORT  
 NOT TO SCALE



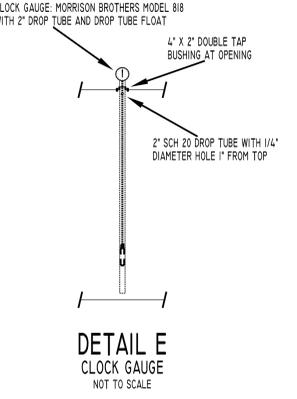
**DETAIL B**  
 TRAFFIC BARRIER  
 NOT TO SCALE



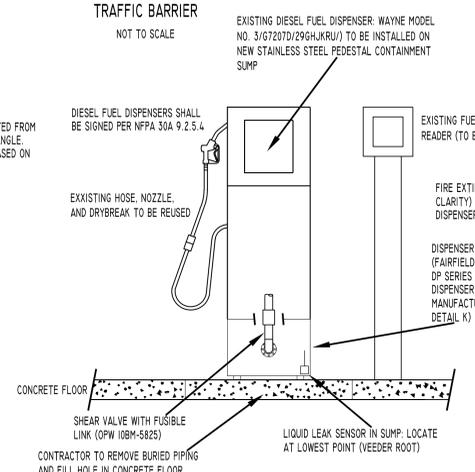
**DETAIL C**  
 OVERFILL PREVENTION DEVICE AT TANK FILL  
 NOT TO SCALE



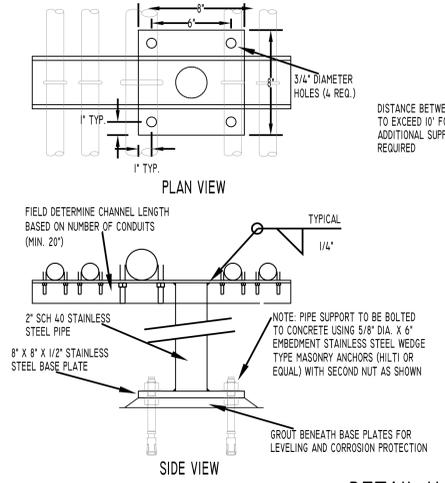
**DETAIL D**  
 WALL PIPING PENETRATION  
 NOT TO SCALE



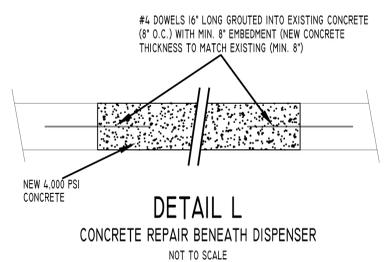
**DETAIL E**  
 CLOCK GAUGE  
 NOT TO SCALE



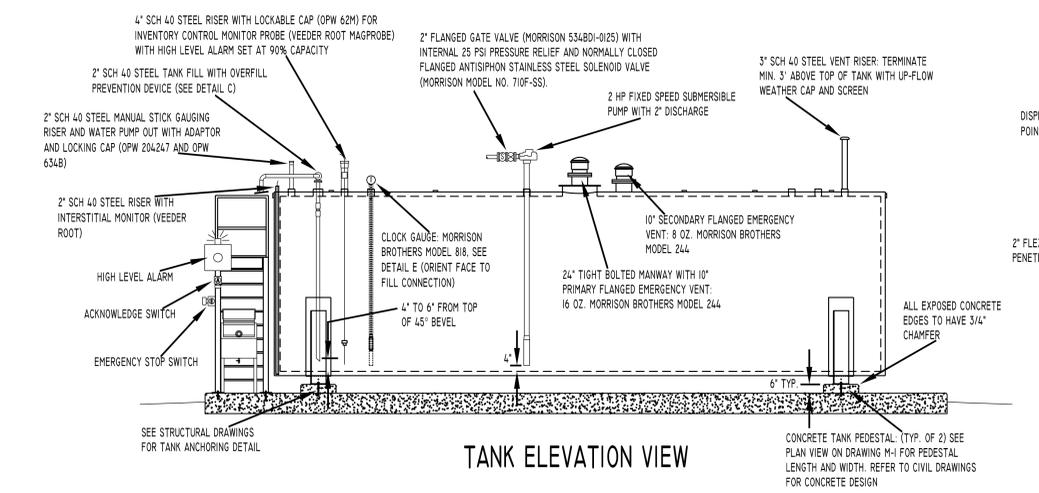
**DETAIL G**  
 DIESEL FUEL DISPENSER  
 NOT TO SCALE



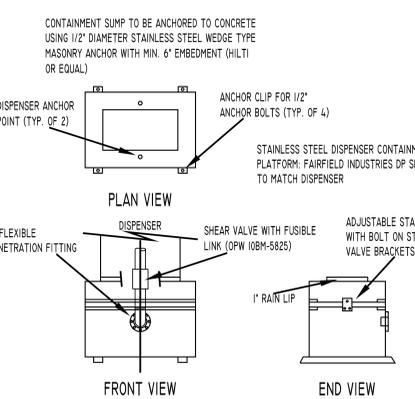
**DETAIL H**  
 2" PIPE SUPPORT  
 NOT TO SCALE



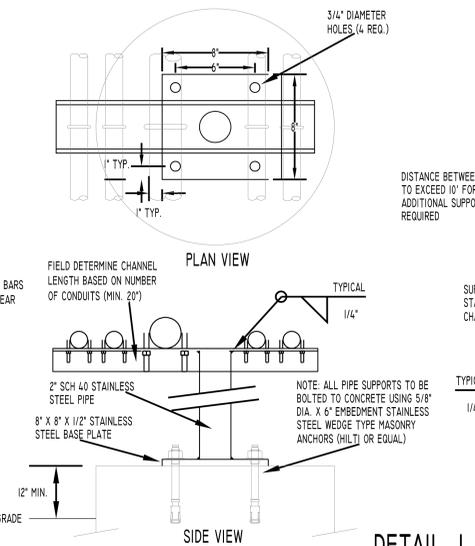
**DETAIL L**  
 CONCRETE REPAIR BENEATH DISPENSER  
 NOT TO SCALE



**TANK ELEVATION VIEW**



**DETAIL K**  
 DIEPENSER CONTAINMENT SUMP  
 NOT TO SCALE



**DETAIL J**  
 2" PIPE SUPPORT  
 NOT TO SCALE

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Project

**MERRIMACK VALLEY REGIONAL TRANSIT AUTHORITY**

**FUEL TANK RELOCATION AND RETAINING WALL**



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Drawing Status  
**FOR CONSTRUCTION**

Issued On: 7/16/2025

Sheet Contents  
**TANK ELEVATION AND MECHANICAL DETAILS**

Project Number: 6859

Drawing No. **M-2**

Sheet 2 of 3

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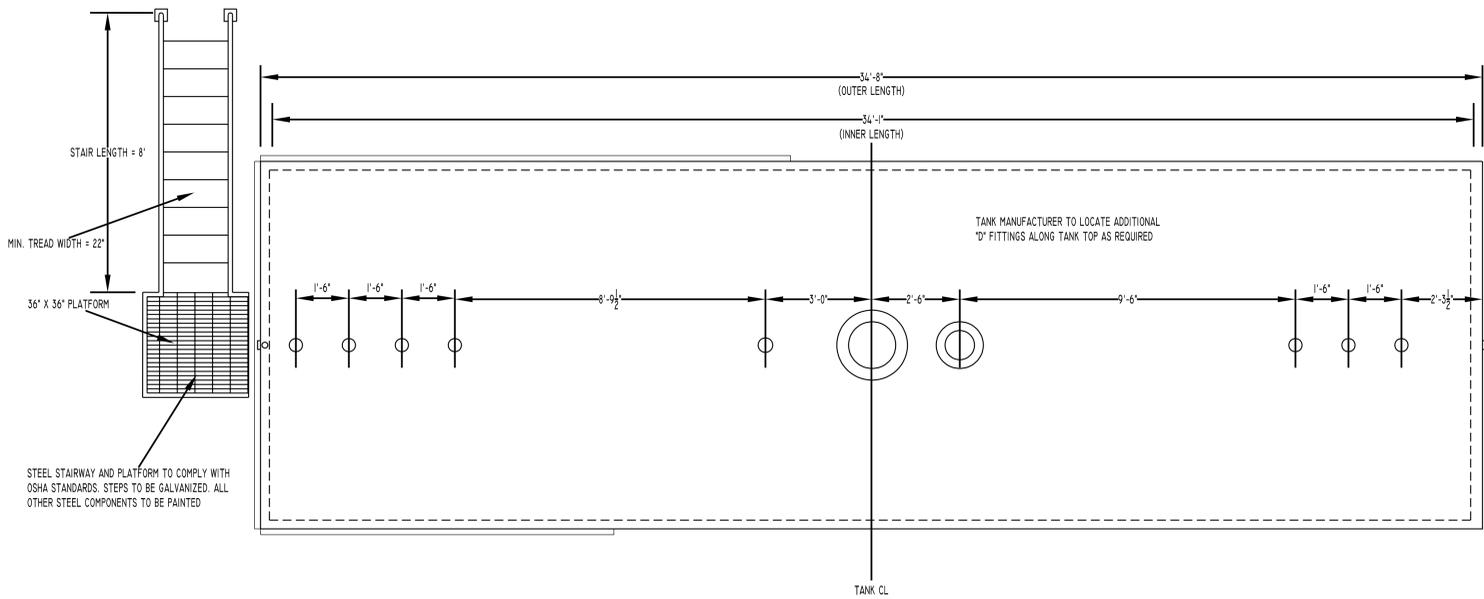
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 Checked by:  
 Revised on:

### GENERAL NOTES

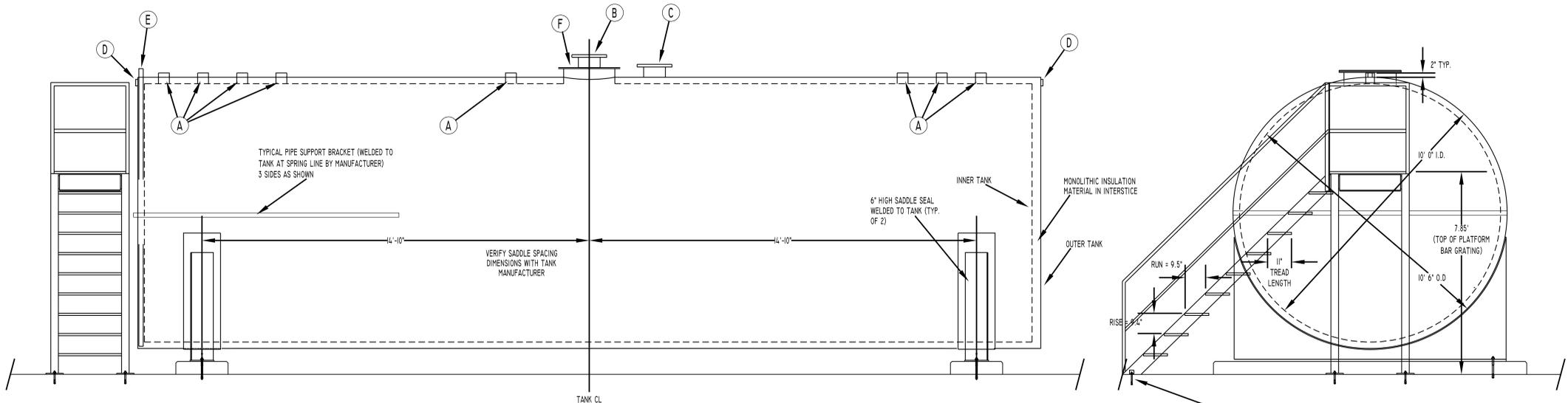
CAPACITY: 20,000 GALLONS  
 TYPE: FIREGUARD CYLINDRICAL  
 NO. REQ.: 1  
 MATERIAL: OUTER TANK - MILD CARBON STEEL  
 INNER TANK - MILD CARBON STEEL  
 TEST: PER U.L. 2085  
 MIN. GAUGE OR THICKNESS (PER U.L. 2085):  
 INNER HEADS: 5/16"      OUTER HEADS: 5/16"  
 INNER SHELL: 1/4"      OUTER SHELL: 1/4"  
 PAINT:  
 INTERIOR: NONE  
 EXTERIOR: SP6 BLAST, FINISH PAINT WHITE  
 CONSTRUCTION: INNER: LAP WELD OUTSIDE ONLY  
 OUTER: LAP WELD OUTSIDE ONLY  
 APPROVED LABELS: U.L. 2085 AND FIREGUARD

### FITTING SCHEDULE

A = 4" FEMALE FIREGUARD COUPLING  
 B = 10" FFSO 150# FLANGE - PRIMARY EMERGENCY VENT USE ONLY  
 C = 10" FFSO 150# FLANGE THROUGH OUTER SHELL ONLY, MARK WITH SPECIAL WARNING LABEL INTERSTITIAL EMERGENCY VENT USE ONLY  
 D = 2" FITTING THROUGH OUTER SHELL ONLY WITH CAST IRON PLUG- MFG USE ONLY  
 E = 2" INTERSTITIAL MONITOR PIPE - MALE NPT END  
 F = 24" x 1/4" PLATE TIGHT BOLT MANWAY WITH 1/8" THICK NEO-CORK GASKET AND "C" IN COVER ON C/L



PLAN VIEW



SIDE VIEW

END VIEW

ACCESS STAIRS TO BE FASTENED TO CONCRETE USING STAINLESS STEEL WEDGE TYPE MASONRY ANCHORS WITH GROUT UNDER BASE PLATE TO LEVEL STAIRS. STAINLESS STEEL BOLT AND WASHER DIAMETER TO BE 1/8" SMALLER THAN PROVIDED BASE PLATE HOLE X 4" MIN. EMBEDMENT

SCALE: 1/2" = 1'

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Issued On 7/16/2025

Sheet Contents  
**20,000 GALLON ABOVEGROUND STORAGE TANK**

Project Number. 6859

Drawing No. **M-3**

Sheet 3 of 3