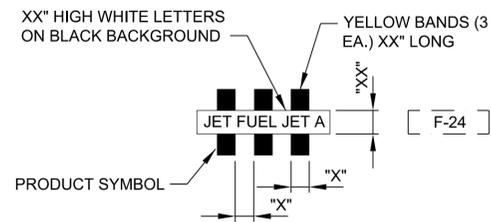
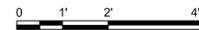


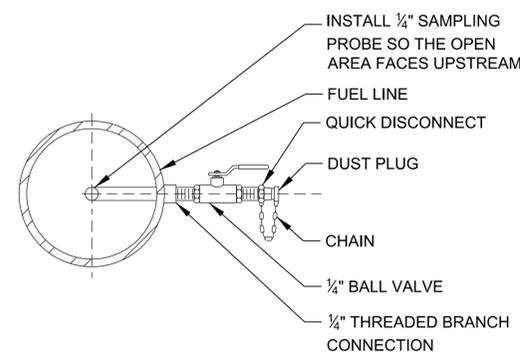
- NOTES:
1. SYSTEM SHALL BE FACTORY ASSEMBLED, SKID MOUNTED, FACTORY RUN.
 2. PROVIDE ONLY CLASS 1, DIVISION 1, RATED ELECTRICAL COMPONENTS.
 3. HEAT TRACE DRAIN PIPING (AND SLOW FILL PIPING TO FIRST VALVE) IN COLD CLIMATES.
 4. PIPING ARRANGEMENT SHOWN IS CONCEPTUAL ONLY.
 5. COORDINATE LOCATION OF CONCRETE HOUSEKEEPING PAD WITH PAVING JOINTS TO PREVENT CRACKING.

OPTIONAL SIDESTREAM FILTRATION SYSTEM 1

SCALE: 1/2"=1'-0" G.05 D.13



- NOTES:
1. IDENTIFY TANKS AS TO PRODUCT SERVICE BY COLOR CODING, BANDING, PRODUCT NAMES, AND NATO DESIGNATION IN ACCORDANCE WITH MIL-STD-161G.
 2. SAMPLE TANK LABELING SHOWN IS FOR JET A TURBINE FUEL. FOR OTHER TURBINE FUELS REFER TO MIL-STD-161G. DIMENSIONS VARY BASED ON TANK SIZE.
 3. MARK TANKS WITH EASILY DISCERNIBLE PAINTED NUMBERS AND LETTERS INDICATING THE FOLLOWING IN ADDITION TO THE REQUIREMENTS STATED IN MIL-STD-161: TANK NUMBER, FACILITY NUMBER, "NO SMOKING" ON CLASS 1 TANKS, AND "CONFINED SPACE" ON ROOF MANHOLE/LADDER HATCH.
 4. PROVIDE HAZARD IDENTIFICATION SYSTEM LABELING IN ACCORDANCE WITH NFPA 704.

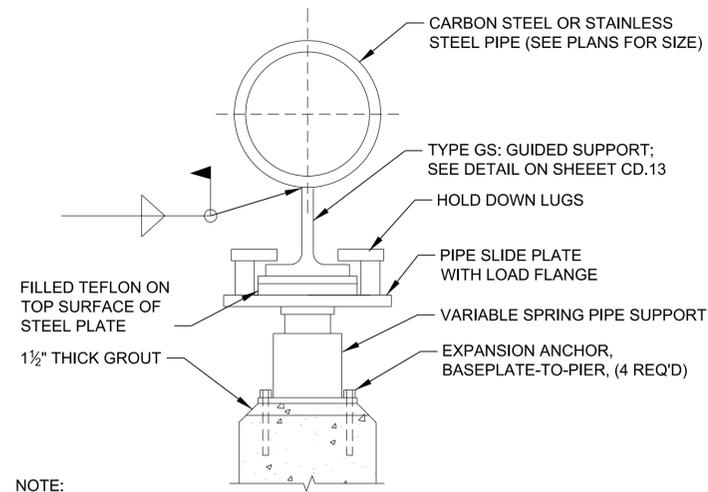


FUEL SAMPLE CONNECTOR 4

SCALE: NONE D.02 D.13 D.08

TANK PRODUCT SYMBOL DETAIL 3

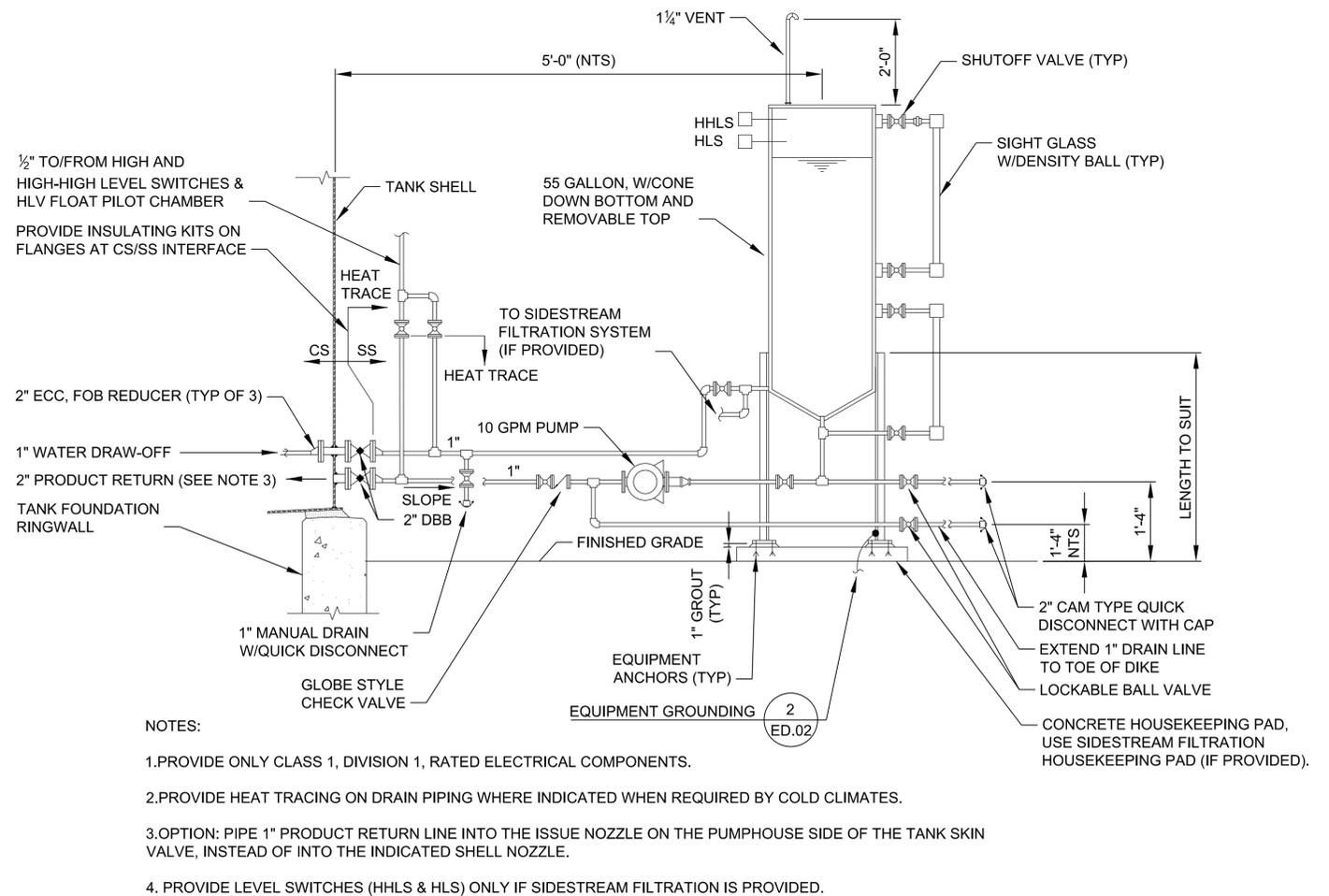
SCALE: NONE D.13 D.13



- NOTE:
1. SELECT SPRING SUPPORTS TO PROVIDE FOR MAXIMUM TANK SETTLEMENT.

SPRING PIPE SUPPORT 2

SCALE: NONE G.07 D.13



WATER DRAW-OFF SYSTEM 5

SCALE: 1/2"=1'-0" G.05 D.13 C.05 XX.02

APPROVED	DATE
FOR COMMANDER NAIFAC	DESCRIPTION
ACTIVITY	DATE
SATISFACTORY TO	DATE
DES MSO	DRW MHK
CHK WVB	
SUBMITTED BY:	
DATE: APRIL 2015	
NAVAL FACILITIES ENGINEERING COMMAND - ATLANTIC	
DOD STANDARD DESIGN AW78-24-27	
FUEL TANKS WITH FIXED ROOFS ABOVEGROUND VERTICAL STEEL	
TYPICAL DETAILS - EXTERNAL APPURTENANCES	
SCALE: AS NOTED	
EPROJCT NO.: XXXXX	
CONSTR. CONTR. NO. XXXXX	
NAIFAC DRAWING NO. XXXXX	
SHEET 57 OF 57	
D.13	
DRAWING REVISION: 10 MAY 2014	

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