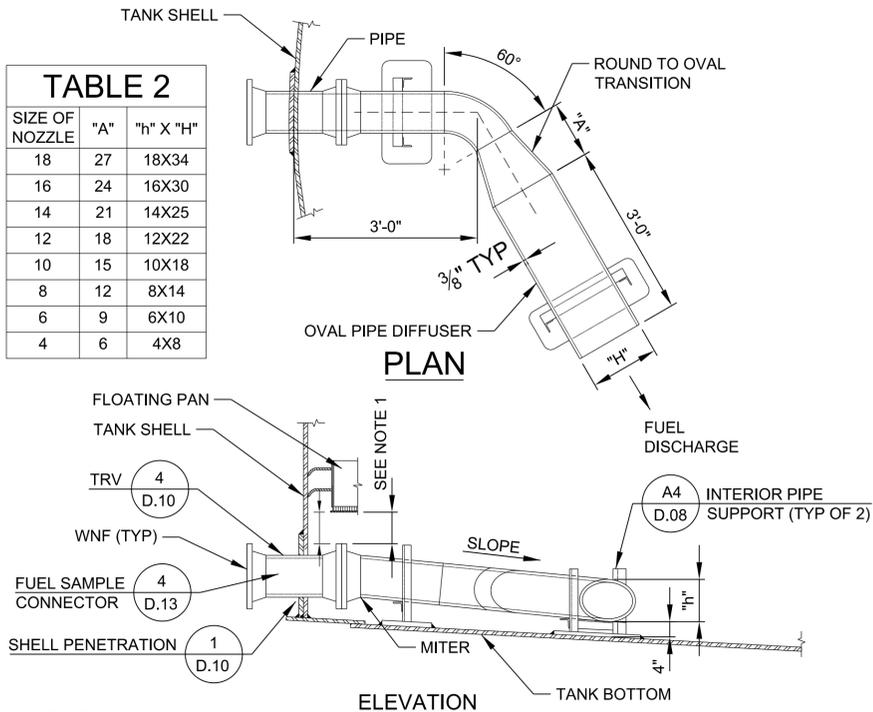


TABLE 2

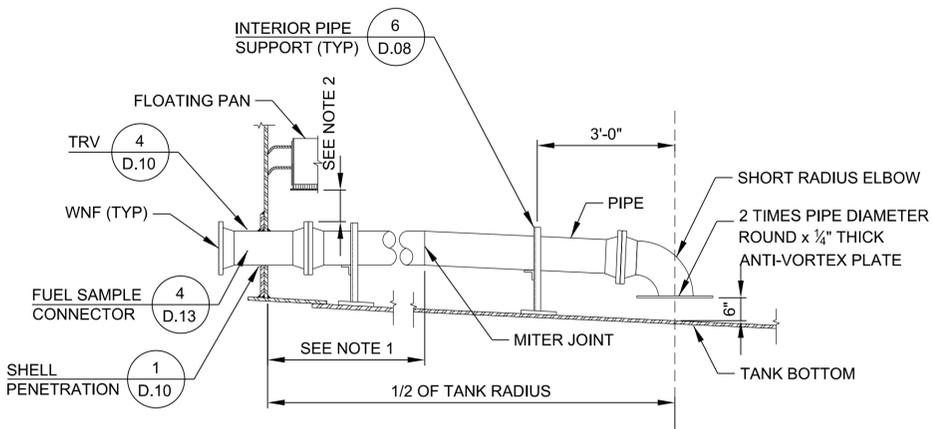
SIZE OF NOZZLE	"A"	"h" X "H"
18	27	18X34
16	24	16X30
14	21	14X25
12	18	12X22
10	15	10X18
8	12	8X14
6	9	6X10
4	6	4X8



NOTES:

- FLOATING PAN SHALL CLEAR HIGHEST POINT OF FLANGE ON ANY NOZZLE AND OTHER INTERNAL APPURTENANCES BY 6 INCHES AT LOW LEG LEVEL. A 12" NOZZLE IS SHOWN. FOR OTHER SIZES, SEE TABLE 2.
- DIFFUSER MAY BE PROVIDED OPPOSITE-HAND FROM THAT SHOWN. HOWEVER, THE GENERAL ARRANGEMENT SHALL BE SUCH THAT THE FLOW INTO THE TANK DOES NOT ENCOUNTER OTHER APPURTENANCES FOR AT LEAST 180 DEGREES.

FILL NOZZLE 1
SCALE: NONE XX.02 D.08

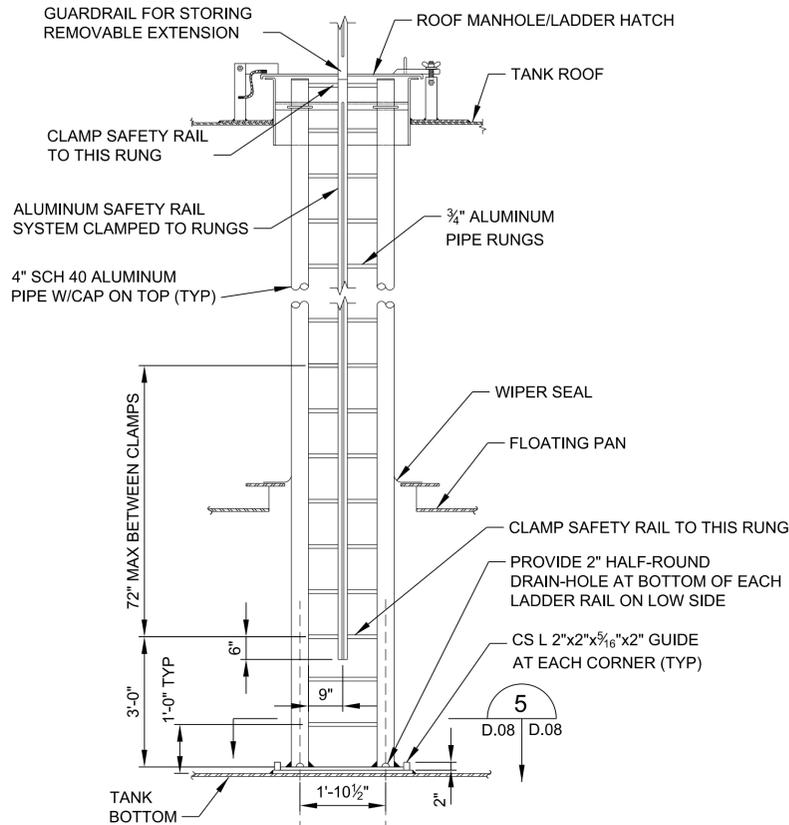


NOTES:

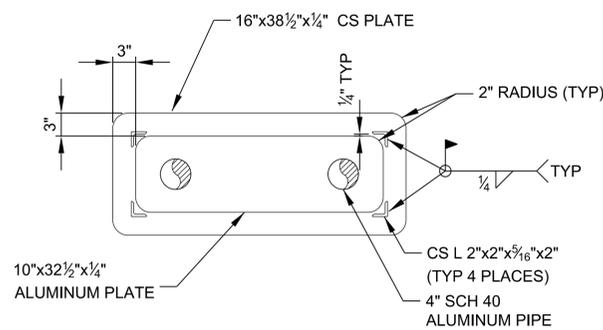
- LOCATE MITER JOINT SO AS TO PROVIDE SLOPE OF PIPE PARALLEL TO TANK BOTTOM.
- FLOATING PAN SHALL CLEAR HIGHEST POINT OF FLANGE ON ANY NOZZLE AND OTHER INTERNAL APPURTENANCES BY 6 INCHES AT LOW LEG LEVEL.

ISSUE NOZZLE 4
SCALE: 1/2"=1'-0" XX.02 D.08

REMOVABLE SAFETY RAIL EXTENSION. PROVIDE TWO 2 1/2" SCHEDULE 40 PIPES x 2 1/2" LONG WELDED TO ROOF PERIMETER GUARDRAIL FOR STORING REMOVABLE EXTENSION

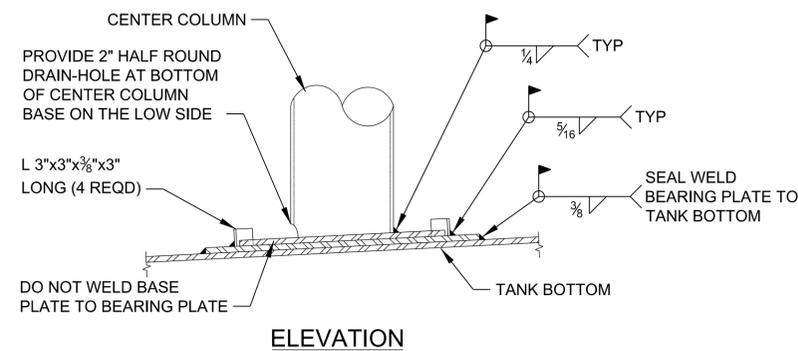
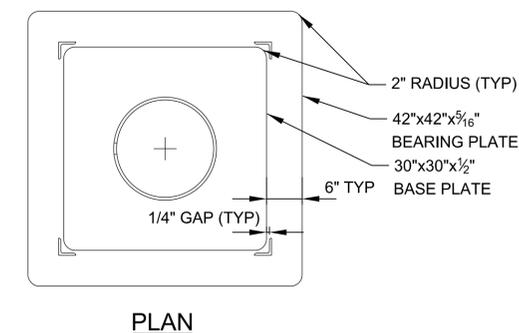


ACCESS LADDER 2
SCALE: 1/2"=1'-0" D.09 D.08

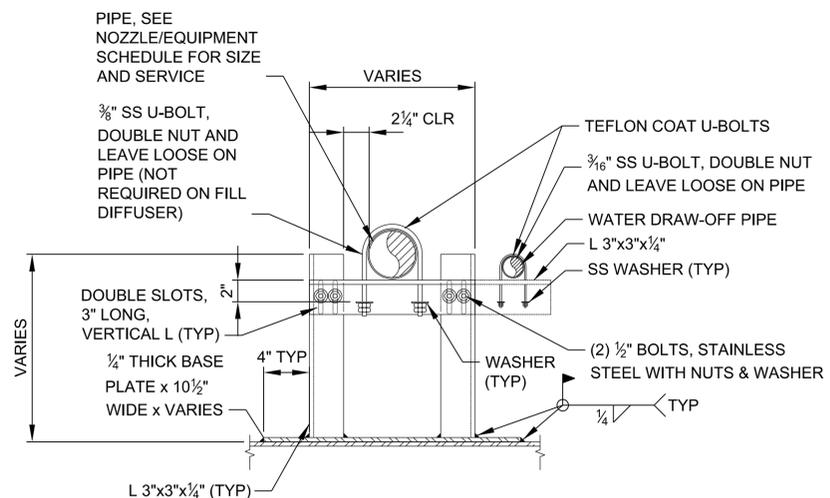


NOTE: PROVIDE TEFLON ISOLATION GASKET BETWEEN CS AND ALUMINUM PLATES

SECTION 5
SCALE: 1"=1'-0" D.08 D.08



CENTER COLUMN BASE 3
SCALE: 3/4"=1'-0" D.01 D.08 D.06



NOTE: PROVIDE INTERNAL PIPE SUPPORTS EVERY 6'-0" FOR PIPES 4" AND SMALLER. PROVIDE INTERNAL PIPE SUPPORTS EVERY 8'-0" FOR LARGER SIZE PIPES.

INTERIOR PIPE SUPPORT 6
SCALE: 1/2"=1'-0" XX.02 D.08 D.07

UNCLASSIFIED//FOR OFFICIAL USE ONLY

DATE: _____

DESCRIPTION: _____

SCALE: _____

NAFAC

US ARMY CORPS OF ENGINEERS OMAHA DISTRICT

APPROVED: _____

FOR COMMANDER NAFAC

ACTIVITY: _____

SATISFACTORY TO: _____

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 - INTERIOR APPURTENANCES

SCALE: AS NOTED

PROJECT NO.: XXXXX

CONSTR. CONTR. NO.: XXXXX

NAFAC DRAWING NO.: XXXXX

SHEET 52 OF 57

D.08

DRAWING REVISION: 10 MAY 2014