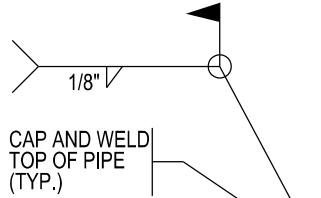


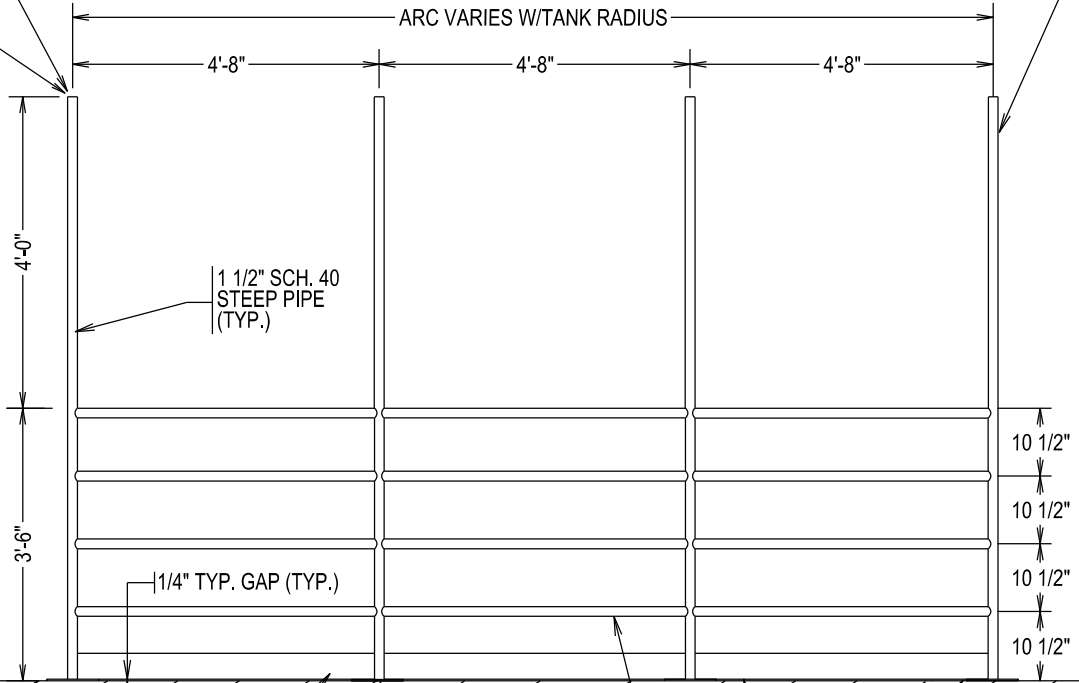
WELDED TOE PLATE

4 - 7.5' HIGH GROUND LUGGED
1 1/2" SCHEDULE 40 STEEL PIPES
ON HANDRAIL, 90° SPACING



6" X 6" X 1/4" PLATE

ARC VARIES W/TANK RADIUS



CAP AND WELD
TOP OF PIPE
(TYP.)

1 1/2" SCH. 40
STEEL PIPE
(TYP.)

1/4" TYP. GAP (TYP.)

TANK ROOF

4" X 1/4" FLAT BAR
WELDED TO PIPE

1 1/2" DIA. STL.
PIPE (TYP.)

6" X 6" X 1/4" PLATE

6" X 6" X 1/4" PLATE TO STIFFEN ROOF
WHERE POST ARE WELDED TO ROOF.

NOTES:

1. CONTRACTOR TO VERIFY ALL LENGTHS AND DIMENSIONS PRIOR TO FABRICATION.
2. ALL WELDS SHALL BE CONTINUOUS FULL FILLET SEAL WELDS MINIMUM.

DD-903-16

SAN ANTONIO WATER SYSTEM
SAN ANTONIO, TEXAS



APPROVED:
MARCH 2011

SHEET
1 OF 1

ROOF HANDRAILS

REVISED: