



15-MG TANK - EXTERIOR ELEVATION

15-MG TANK - INTERIOR ELEVATION

- GENERAL NOTES**
- SEE TECHNICAL SPECIFICATIONS FOR DESIGN CRITERIA AND DETAILS, APPLICABLE ELEVATED TANK SPECIFICATIONS AND ASHRAE 90.1, AS 90.2.
 - CONTRACTOR'S GEOTECHNICAL CONSULTANT SHALL PROVIDE RECOMMENDATION ON-SITE DURING FOUNDATION CONSTRUCTION.
 - STEEL TANK FLOOR WITH THE PERMISSOR OF THE CONCRETE SUPPORT FOOTING SHALL BE SUPPORTED BY A BORED STRUCTURAL CONCRETE SLAB.
 - CONCRETE FOOTING EXTERIOR SHALL INCORPORATE HORIZONTAL AND VERTICAL REINTEGRATION STRIPS TO CREATE A STRUCTURAL INTEGRATIONAL JOINT.
 - SEE TECHNICAL SPECIFICATIONS FOR STEEL TANK COATING.
 - ALL LADDERS SHALL BE PROVIDED WITH A GRAB CLING SAFETY SYSTEM PER THE SPECIFICATIONS.
 - ALL FOOTING WALL PENETRATIONS SHALL BE DENSED BY CONTRACTOR AND SHALL BE S.E.A.L.E.D BY AN ENGINEER LICENSED IN THE STATE OF TEXAS.
 - TANK CONCRETE PAD TO BE SUPPLIED BY TANK MANUFACTURER.
 - SECURITY ANTENNA (AND SIGNAL SYSTEMS MADE BY 1976-1) SHALL TO BE PROVIDED AND SUPPLIED BY TANK MANUFACTURER.
 - TANK MANUFACTURER TO PROVIDE FEM OBSTRUCTION DESIGN SUPPORT AND MAINT.
- MISCELLANEOUS**
- OVERFLOW PIPING AND BLOW-OFFLET PIPING ABOVE THE 30" TANK FLOOR SHALL BE PROVIDED BY TANK MANUFACTURER. ALL PIPING SHALL BE 3" TYPE 304 STAINLESS STEEL. SEE SHEET T-3 FOR STAINLESS STEEL SCHEDULE.
 - PIPING HANGERS, BRACKETS AND TRUSS RESTRAINTS AS REQUIRED.
 - EQUIPMENT SYSTEM SHALL BE DESIGNED TO ACCOMMODATE HAZARD FILL RATE SEE TECHNICAL SPECIFICATIONS.
 - POSSIBLE SILT STOP SHALL BE MINIMUM 6 INCHES ABOVE TANK FLOOR.
 - INSTALL ISOLATION KITS BETWEEN ALL DISSIMILAR METALS.
- CONCRETE**
- THE CONTRACTOR SHALL PROVIDE GEOTECHNICAL REPORT FOR FOUNDATION DESIGN, INCLUDING ALLOWABLE BEARING CAPACITY SAFETY FACTORS PER MOST CURRENT EDITION OF SWELL LOGS SEE TECHNICAL SPECIFICATIONS.
 - CONCRETE FOUNDATION DESIGN IN ACCORDANCE WITH AS 23.
- MISCELLANEOUS**
- PROVIDE PROTECTIVE RAIL AROUND TANK FLOOR WALKWAY AND BLOW-OFFLET PIPE WITHIN THE TANK BOWL. PROTECTIVE RAILS SHALL BE STAINLESS STEEL.
- GENERAL TIPS**
- SAMPLE TAP PIPE SHALL BE 3/4" DN SCH 80 PVC PIPE ABOVE BOWL FLOOR.
 - SAMPLE TAP PIPE SHALL BE 3/4" DN GALVANIZED BELOW THE TANK BOWL.
 - SUPPORT SAMPLE TAP PIPE WITH STAINLESS STEEL BRACKETS AT 6' SPACING.
 - SUPPORT PIPE TO RAFTER AT TOP OF TANK.
 - ISOLATE PIPING AND VALVE BELOW TANK BOWL-TANK BOWL.
 - IF BOTTOM CORN SHALL BE PROPORTIONAL TO THE BOWL IN ORDER TO COMPARE TO THE TANK RISE, SHOWN AS SHOWN IN THE ELEVATION BY THE TANK MANUFACTURER SHALL BE PROVIDED TANK BOWL. TANK AND ALL CONNECTIONS TO TANK FOR TANK AND APPROVAL FROM THE TANK MANUFACTURER. OWNER SHALL HAVE THE RIGHT TO REQUEST MODIFICATIONS AS REQUIRED TO ACHIEVE THE BOWL SHAPE AS SHOWN IN THE ELEVATION.

DATE	NO.	DESCRIPTION

SAWS Job No. 07-6006-13

300 E. CENTRAL
B.L.M. DIST. 100
SAN ANTONIO,
TEXAS 78204
361-8418

CPW
CROSS MOUNTAIN ELEVATED
WATER SYSTEM
TANK
ELEVATIONS

SAWS JOB NO. 07-6006-13
CROSS MOUNTAIN ELEVATED
WATER SYSTEM
TANK
ELEVATIONS

DATE: 11/11/11
BY: J.L.
CHECKED: J.L.
SCALE: AS SHOWN