



X (SEE TABLE DD-905-04)

Y (SEE TABLE DD-905-04)

**PLAN VIEW**

6. ALL PRESSURE TRANSMITTERS, PRESSURE REDUCING VALVES AND FLOW METERS MUST BE CONNECTED TO S.A.W.S. SCADA SYSTEM.
7. STRUCTURAL VAULT MUST BE DESIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF TEXAS.
8. VAULT MUST BE WATER PROOFED.
9. PROVIDE FLOOD LIGHTS, SWITCHES AND OUTLETS, THREE (3) MINIMUM.
10. PROVIDE 1/4 INCH STAINLESS STEEL TUBING FROM TAPS TO ELECTRICAL CABINET.

4. ALL PIPING INSIDE VAULT MUST BE PAINTED WITH AN EPOXY PRIMER, 4 TO 6 MILS, AND A POLYURETHANE TOP COAT (PANTONE COLOR 284C), 4 TO 6 MILS.
5. PRESSURE REDUCING VALVES WILL BE SUPPLIED WITH LIMIT SWITCHES FOR OPEN AND CLOSE INDICATION TO S.A.W.S. SCADA SYSTEM. EACH VALVE MUST HAVE TWO PRESSURE GAUGES FOR SUPPLY AND DISCHARGE PRESSURES, AND STAINLESS STEEL TUBING.

**NOTES:**

1. ALL VALVES INSIDE THE VAULT MUST OPEN LEFT (COUNTERCLOCKWISE).
2. ALL VALVES OUTSIDE THE VAULT MUST OPEN RIGHT (CLOCKWISE).
3. ALL PIPING MUST BE LINED WITH AN APPROVED N.S.F. EPOXY COATING 10 MILS MINIMUM.

DD-905-02

SHEET  
1 OF 1

SAN ANTONIO WATER SYSTEM  
SAN ANTONIO, TEXAS



APPROVED:  
SEPTEMBER 2012

REVISED:

**PRESSURE REDUCING VALVE ASSEMBLY - PLAN VIEW**