



MATERIAL LIST:

- ① DUCTILE IRON PIPE
 - ② SPOOL (MJxPE) WITH SHACKLE BOLTS TO BE USED IN PRECAST VAULTS
 - ③ NON-SHRINK GROUT
 - ④ FLANGE COUPLING ADAPTOR (FLxMJ)
 - ⑤ TEE (ALL FL)
 - ⑥ RESILIENT SEAT GATE VALVE CL 200 (FLxFL), MUELLER, MH OR APPROVED EQUAL
 - ⑦ PRV CLAY-VAL (FLxFL) MOD 92G-01 GLOBE CL 200 TRIM SS303
 - ⑧ FLANGE COUPLING ADAPTOR
 - ⑨ 90° ELL (ALL MJ W/MEGA LUGS)
- ⑩ GATE VALVE (FLxFL)
 - ⑪ PRV (FLxFL) MOD 92G-01 GLOBE CL 200 TRIM SS303
 - ⑫ UTILITY VAULT CO LID WITH TRAFFIC SPRING LOADED LOCKING STEEL COVERS OR APPROVED EQUAL THAT PROVIDES MINIMUM CLEARANCE.
 - ⑬ UTILITY VAULT CO PRECAST VAULT WITH TRAFFIC LOAD RATED DOUBLE DOOR.
 - ⑭ 2" GRAVITY SUMP DRAIN EXTEND TO DAYLIGHT DRAIN
 - ⑮ WALL SLEEVE (FLxPE) TO BE USED WITH CAST IN PLACE VAULTS.
 - ⑯ 1/4" PRESSURE GAUGE TAPS WITH 1/4" BALL VALVES FOR ISOLATION.

NOTES:

- 1. MINIMUM VAULT INSIDE HEIGHT SHALL BE 78", OR AS APPROVED BY CITY ENGINEER.
- 2. MINIMUM CLEARANCE BETWEEN PRV'S AND FLOOR SHALL BE 12".
- 3. PROVIDE LIQUID FILLED 2 1/2" GAUGES AMETEK SERIES 550L OR EQUAL.
- 4. ALL EQUIPMENT MUST BE RATED FOR SOURCE PRESSURE.
- 5. PIPING AND VALVES SHALL BE SUPPORTED BY ADJUSTABLE GALVANIZED OR STAINLESS SUPPORTS. NUMBER OF AND PLACEMENT OF SUPPORTS TO BE DETERMINED BY CITY ENGINEER ACCORDING TO VALVE SIZE.
- 6. BRAND, MINIMUM CLEARANCES, TYPE OF PRV AND ACCESSORIES TO BE DETERMINED BY CITY OF ARLINGTON UTILITIES DIVISION.
- 7. ADDITIONAL VALVES ARE REQUIRED AT BOTH ENDS OF THE PRV STATION



APPROVED BY	L. OLIVE
DATE	07/31/2008
REF STAD SPEC	

DEPARTMENT OF PUBLIC WORKS
STANDARD DETAILS
PRESSURE REDUCING STATION

STANDARD DETAIL
NUMBER
W-080