2" PRESSURE REDUCING VALVE, THREADED CLA-VAL 906-01ACSKC W/TEST COCKS

2" BRASS COMPRESSION CPLG, EQUAL TO WILKINS 1012

8" DRAIN TO STORM SYSTEM

UTILITY VAULT CO. 777-LA LID WITH SLIP RESISTANT TREATMENT PER SECTION W4-17 OF THE ENGINEERING STANDARDS.

2" PRESSURE RELIEF ASSEMBLY (SEE BELOW)

GRADE TO DRAIN

GRADE TO DRAIN

INLET WITH CONCRETE FUNNEL, PER STD. DTL W-19.

SEE PRV ACCESS LADDER DETAIL NO. W-19

VAULT THRUST BLOCK (TYP.)
SEE DETAIL W-56

PIPE STANCHIONS BOLTED TO FLOOR

6" DIA. DRAIN TO DAYLIGHT OR STORM SYSTEM

PROFILE

6" FLANGE COUPLING ADAPTER, SMITH-BLAIR 912

6" PRESSURE REDUCING VALVE, FL.
CLA-VAL 906-01ABCKC WITH TEST COCKS.

6" STRAINER, FL.
CLA-VAL x 42H STRAINER W/ 1 1/2" BRONZE BALL VALVE.

NOTES:
1. SIZING OF VALVES WILL BE MODIFIED FOR OTHER SIZES OF PIPE.
2. GALVANIZED LADDER TO BE SECURED TO VAULT PER STD. DTL NO. W-19.
3. ALL P.R.V.s SHALL HAVE OPENING/CLOSING SPEED CONTROLS, EPOXY COATED BODY AND VALVE POSITION INDICATOR, CLA-VAL X101.
4. PILOT CONTROLS SHALL BE ON SIDE OF P.R.V. FACING INTERIOR OF VAULT TO PROVIDE EASY ACCESS.
5. ALL CLA-VAL PRVs AND PRESSURE RELIEF VALVES SHALL BE EQUIPPED W/STAINLESS STEEL TRIM (SEAT, STEM & COVER BEARING).
6. SEAL ALL PIPE PENETRATIONS THROUGH VAULT W/LINK SEAL MODULAR SEALS.
7. PRESSURE RELIEF DISCHARGE DOWNSPOUT SHALL DIRECT WATER TOWARDS CENTER OF INLET GRATE.
8. HATCH AND LADDER PER DETAIL W-19.
9. PROVIDE LADDER-UP EXTENSION, BILCO MODEL LU-2, OR EQUAL
10. MINIMUM 2' OF LEVEL, UNOBSCTURED AREA AROUND HATCHES.
11. PROVIDE CAST OR FIELD CORE DRILLED HOLES THROUGH VAULT WALLS FOR PIPE PENETRATIONS.

2" PRESSURE RELIEF ASSEMBLY

2" 90° ELBOW W/ BEEHIVE STRAINER (SEE NOTE 7)

TWO 2"-90° ELBOWS SWING JOINT PER DETAIL W-16.

PRESS. RELIEF ASSEMBLY NOTE.
PIPE AND FITTINGS TO BE THREADED
2" 90° ELBOW
2" GALV. PIPE (TYPICAL)
2" UNION
2" PRESSURE RELIEF VALVE, CLA-VAL NO. 506-01KC
2" BRONZE BALL VALVE
2"X2" TEE, BRASS

City of Bellevue
WATER UTILITY

STANDARD PRESSURE REDUCING STATION

NO. W-17

JANUARY 2015
NO SCALE