2" PRESSURE REDUCING VALVE, THREADED CLA-VAL 900-01ACSKC W/TEST COCKS

2" BRASS COMPRESSION CPLG, EQUAL TO WILKINS 1012

2" DRAIN TO STORM SYSTEM

GRADE TO DRAIN

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

NOTE 8

SEE PRV ACCESS LADDER DETAIL NO. W-19

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

6" DIA. DRAIN TO DAYLIGHT OR STORM SYSTEM

PIPE STANCHIONS BOLTED TO FLOOR

6" DIA DRAIN WITH WIRE MESH RODENT SCREEN OVER DRAIN.

6" STRAINER, FL. CLA-VAL x 42H STRAINER W/ 1 ½" 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, UNOBSSTRUCTED 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.

2" PRESSURE RELIEF VALVE, CLA-VAL NO. 50G-01KC
2" BRONZE BALL VALVE
2"x2" TEE, BRASS

NOTE 9

GRADE TO DRAIN

24' MIN.

24'-30'

FLOW

NO. W-17

STANDARD PRESSURE REDUCING STATION

JANUARY 2013

NO SCALE

City of Bellevue
WATER UTILITY

TITLE