2" PRESSURE REDUCING VALVE, THREADED CLA-VAL 90G-01ABCCKC W/TEST COCKS

2" BRASS COMPRESSION CLE, EQUAL TO WILKINS 1012

B" DRAIN TO STORM SYSTEM

GRADE TO DRAIN

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

SEE PRV ACCESS LADDER DETAIL NO. W-19.

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

PIPE STANCHIONS BOLTED TO FLOOR

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

NOTE 9

FLOW

24"-30"

2" 90' ELBOW

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. 50G-01KC
2" BRONZE BALL VALVE
2" X 2" TEE, BRASS

2" PRESSURE RELIEF ASSEMBLY

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 PRV'S 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 CRATE.
8. HATCH AND LADDER PER DETAIL W-19.
9. PROVIDE LADDER-UP EXTENSION, BILCO MODEL LU-2, OR EQUAL.
10. MINIMUM 2' OF LEVEL, UNOBSURSTED AREA AROUND HATCHES.
11. PROVIDE CAST OR FIELD CORE DRILLED HOLES THROUGH VAULT WALLS FOR PIPE PENETRATIONS.

City of Bellevue
WATER UTILITY

STANDARD PRESSURE REDUCING STATION

NO. W-17

JANUARY 2012
NO SCALE