



LADDER, SEE STANDARD
DETAIL 710B

PRECAST CONC COLLAR
1'-0" MIN, 2'-0" MAX

PRESSURE GAUGE
ASSEMBLY WITH
1/2" ISOLATION BALL
VALVE ON 1" TAPPING
BOSS (TYP)

8" WYE STRAINER WITH
1/8" PERFORATED
STAINLESS SCREEN

PRECAST VAULT
6" BLIND FLANGE
WITH 2" TAP

2'-0" MIN
3'-0" MAX
6" MIN DEPTH
CRUSHED
SURFACING
TOP COURSE

2" BRASS NIPPLE
(3"), 2" GATE
VALVE, 2" PLUG

PLAN
NTS

3'-0" X 5'-0" ALUMINUM,
SINGLE LEAF CHANNEL
FRAME DOOR, DRAIN TO
SUMP WITH 1- 1/2" PIPE

HATCH FRAME DRAIN
SEE NOTE 5

PRESSURE GAUGE
ASSEMBLY WITH
1/2" ISOLATION BALL
VALVE ON SADDLE

1- 1/2" PVC
(SCH 40)

ADJUSTABLE PIPE
SUPPORTS WITH
SADDLE AND ANCHOR
FLANGE. SPACE AS
NEEDED FOR PROPER
SUPPORT, TYPICAL
ALL PIPING

GALVANIZED GRATE
OVER SUMP

GROUT AND FILL SUMP
UNDER PIPE SUPPORTS

6" DI VAULT DRAIN
TO STORM SEWER

SECTION A
NTS 708

NOTES:

1. 8 INCH PRV STATION SHOWN. 6 INCH PRV STATION IS IDENTICAL EXCEPT THAT THE UPSTREAM AND DOWNSTREAM PIPING, FITTINGS, AND VALVES ARE 6 INCHES.
2. PAINT ALL EXPOSED PIPING AND FITTINGS WITHIN VAULT AND ABOVE GRADE.
3. ALL VALVES WITHIN VAULT TO HAVE HAND WHEEL OPERATORS.
4. SET COVER SLAB FLUSH WITH SIDEWALK OR CURB ELEVATION IF LOCATED IN LAWN AREA. SET COVER SLAB APPROXIMATELY 2 INCHES ABOVE FINISHED GRADE IF LOCATED IN LANDSCAPING AREA.
5. HATCH FRAME DRAIN CAST IN CONCRETE SHALL BE 1- 1/2 INCH BRASS. REMAINDER OF HATCH FRAME DRAIN SHALL BE 1-1/2 INCH SCH 40 PVC IN VAULT. USE 45° BENDS WHERE POSSIBLE AND PROVIDE UNIONS TO ALLOW DISASSEMBLY OF PIPING. ATTACH TO VAULT WITH STAINLESS STEEL HARDWARE.

 APPROVED BY: SCOTT THOMASSON WATER/WASTEWATER ENGINEERING MANAGER	 City of Redmond WASHINGTON	STANDARD DETAILS 6" AND 8" PRV STATION FILE NAME: SD709A.DWG DETAIL NUMBER: 709A
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