



HINGE SIDE
COVER SLAB

DAVIT ARM BASE

PLAN
NTS

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

ALUMINUM LADDER PER WISHA
PRECAST CONC COLLAR
1'-0" MIN, 2'-0" MAX
PRESSURE GAUGE
ASSEMBLY WITH
1/2" ISOLATION
BALL VALVE ON
1" TAPPING BOSS

HATCH FRAME DRAIN
SEE NOTE 5

8" WYE STRAINER WITH
1/8" PERFORATED
STAINLESS SCREEN
PRECAST VAULT
6" BLIND FLANGE
WITH 2" TAP

8" GATE
VALVE (FL)

GASKET

8" PRV

1- 1/2" PVC
(SCH 40)

8" GATE VALVE, FL

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

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

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

6" DI VAULT DRAIN
TO STORM SEWER

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

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" BRASS. REMAINDER OF HATCH FRAME DRAIN SHALL BE 1-1/2" 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.

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS	
APPROVED BY: RON GRANT CITY ENGINEER			6" AND 8" PRV STATION	
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