



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

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
TOP COURSE

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

8" GATE
VALVE (FL)

GASKET

8" PRV

1- 1/2" FRAME DRAIN, BRASS
IN CONCRETE, PVC IN VAULT.
ATTACH TO VAULT WITH
STAINLESS STEEL HARDWARE

1- 1/2" PVC CHANNEL
DRAIN

8" GATE VALVE, FL

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

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.

CITY OF REDMOND, WASHINGTON

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STANDARD DETAILS

6" AND 8" PRV STATION

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