

30"x30" SQ. OPENING IN TOP SLAB FOR VALVE REMOVAL, SEE NOTE A, DETAIL W/5.23.

PRESSURE RELIEF VALVE "B"
SEE NOTE 1, DETAIL W/4.8

DIP (FLG.xPE)

RUBBER ANNULAR
HYDROSTATIC SEALING
DEVICES (TYPICAL OF 4)
SEE SPECIFICATIONS

3/4" CORPORATION STOP
(TYPICAL OF 4)

DIP (FLG.xPE)

8"x8"x3/4" STEEL BEARING
PLATE ON 1/2"± GROUT ON
8"x8" SOLID MASONRY OR
CONCRETE PIER. (TYPICAL OF 6)

PRESSURE RELIEF VALVE "A"
SEE NOTE 1, DETAIL W/4.8

30"x30" SQ. ALUMINUM HATCH (H-20
LOADING, SEE SPECIFICATIONS) FOR VALVE
REMOVAL, SEE NOTE 1, DETAIL W/5.23.

PLAN

FOR MIN. SEE
DETAIL W/5.5

30"x30" SQ. ALUMINUM HATCH, SEE DETAIL W/5.5
(H-20 LOADING, SEE SPECIFICATIONS)

TOP SLAB, SEE NOTE 2

PROVIDE LIFTING HOOK OVER
PRESSURE RELIEF VALVE WHEN
ACCESS OPENING IS NOT PROVIDED.
SEE DETAIL W/10.0

8"x8" VAULT, SEE
DETAIL W/5.3

3/4" CORPORATION STOP

DIP (FLG.xPE)

FLG. GATE VALVES WITH
HAND WHEELS
(TYP. OF 4)

6" MINIMUM
GRANULAR BEDDING

PRESSURE RELIEF VALVE
SEE NOTE 1, DETAIL W/4.8

SLOPE FLOOR
TO SUMP

2'-6" MAX.

PVC SCH. 80 HATCH DRAIN
TO DRAIN TO GRAVEL PIT

GRAVEL PIT (1-CY OF #57
STONE) WRAP IN EROSION
CONTROL GEOTEXTILE

V-BIO POLYETHYLENE
ENCASEMENT, SEE
SPECIFICATIONS AND
DETAIL W/2.8.

DIP (FLG.xPE)

3/4" CORPORATION STOP

ALUMINUM LADDER
SEE DETAIL M/16.0

RUBBER ANNULAR
HYDROSTATIC SEALING
DEVICES SEE SPECIFICATIONS

12" RCP SUMP W/ CONCRETE
PLUG OR 12" PUSH-ON JOINT
DIP WITH BELL W/ CONCRETE
PLUG AT THE BELL

ELEVATION

NOTES:

1. FOR PIPE AND PRESSURE RELIEF SIZES,
PIPING LAYOUT AND NOTES, SEE DETAIL W/4.8
2. FOR TOP SLAB DETAIL, SEE DETAIL W/5.23.
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2. FOR TOP SLAB DETAIL, SEE DETAIL W/5.23.

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED: 7-26-21

Mike Hammer

Chief Engineer

STANDARD DETAIL

DUEL PRESSURE RELIEF
VALVE VAULT

W
4.7