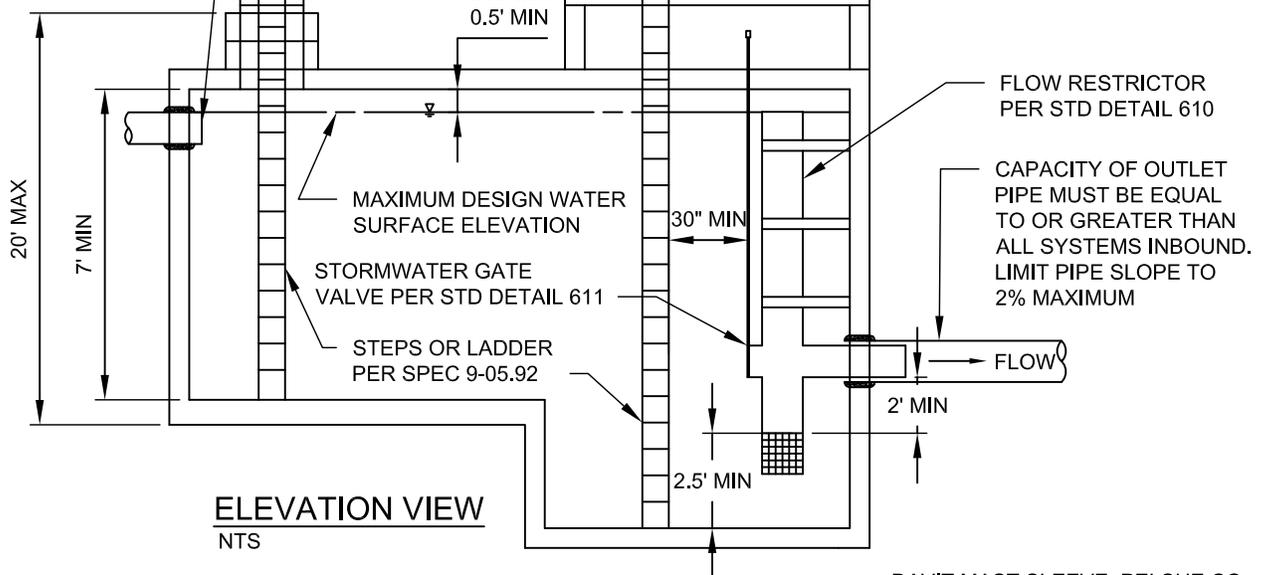


CROWN OF INLET PIPES  
TO MATCH MAX WSE  
SEE NOTE 2

HATCH AT CONTROL  
STRUCTURE PER  
9-05.15(5) 20" MIN



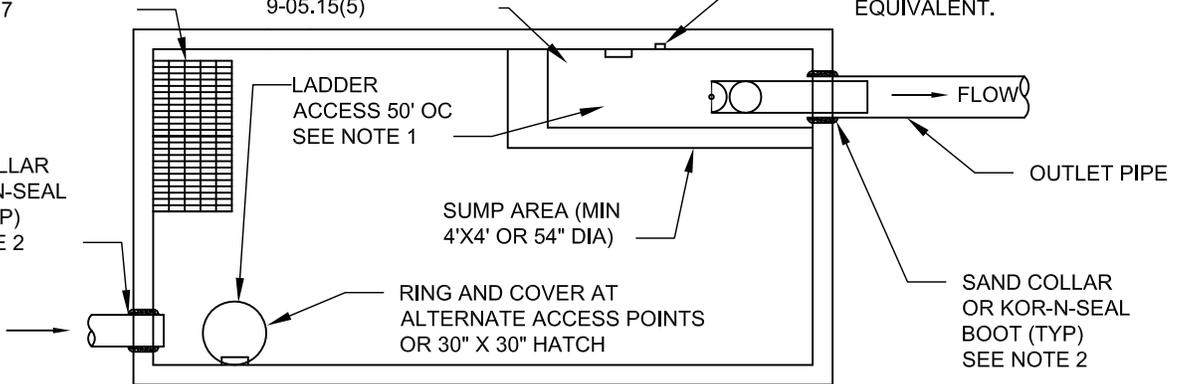
**ELEVATION VIEW**  
NTS

GRATED VENTILATION  
PANEL H20 LOADING  
SEE NOTE 7

HATCH AT CONTROL  
STRUCTURE PER  
9-05.15(5)

DAVIT MAST SLEEVE, PELSUE CO.  
MODEL DSS-W1 MOUNT ON WALL  
BENEATH HATCH OR APPROVED  
EQUIVALENT.

SAND COLLAR  
OR KOR-N-SEAL  
BOOT (TYP)  
SEE NOTE 2



**PLAN VIEW**  
NTS

**NOTES:**

1. PROVIDE LADDER RUNGS (SPEC 9-05.92) IMMEDIATELY ADJACENT TO ALL INLET/OUTLET PIPES.
2. APPLY NON-SHRINK GROUT TO INSIDE AND OUTSIDE OF ALL JOINTS, RINGS, RISERS AND FRAMES.
3. ALL PIPES SHALL BE PERPENDICULAR TO FACE OF VAULT.
4. PENETRATE CARRIER PIPE THROUGH VAULT WALL.
5. SLIP SMOOTH-BORE HORIZONTAL LEG OF FLOW CONTROL TEE INSIDE CARRIER PIPE.
6. HATCH OVER CONTROL STRUCTURE SHALL BE MINIMUM 36" X 72" AND LARGE ENOUGH TO BE OVER CONTROL STRUCTURE LADDER ACCESS AND SUMP.
7. GRATED VENTILATION PANEL MAY BE COMBINED WITH LADDER ACCESS POINT WITH STORMWATER ENGINEER APPROVAL.

*Gary M. Schimek*

APPROVED BY: GARY M. SCHIMEK  
NATURAL RESOURCES/STORMWATER ENGINEERING MANAGER

REVISION DATE: JULY 01, 2015



City of Redmond  
WASHINGTON

STANDARD DETAILS

**DETENTION VAULT  
ACCESS MANHOLE LID OVER  
LOW POINT**

FILE NAME: SD616.DWG

DETAIL NUMBER: **616**