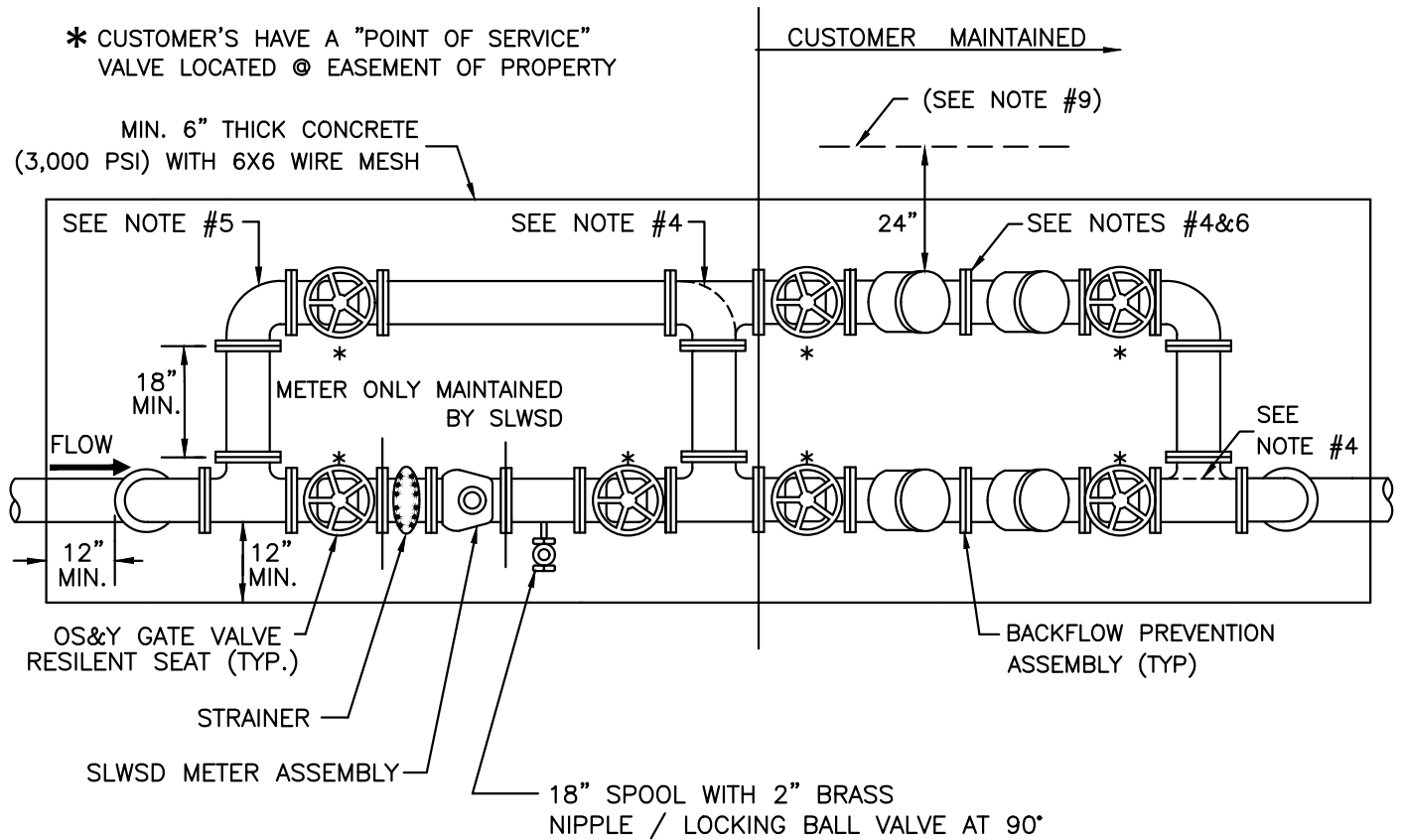


* CUSTOMER'S HAVE A "POINT OF SERVICE"
VALVE LOCATED @ EASEMENT OF PROPERTY

MIN. 6" THICK CONCRETE
(3,000 PSI) WITH 6X6 WIRE MESH



* SEE NOTE #10

PLAN VIEW

NOTES: *CUSTOMER SHALL OWN ENTIRE ASSEMBLY/SLWSD SUPPLIES/OWN METER ASSEMBLY.

1. ALL PIPE AND FITTINGS SHALL BE CLASS 53 DUCTILE IRON.
2. ALL UNDERGROUND FITTINGS SHALL BE RESTRAINED MECHANICAL JOINT TYPE & ALL ABOVE GROUND FITTINGS SHALL BE FLANGE JOINTS, FULL FACE NEOPRENE GASKETS WITH STAINLESS STEEL BOLTS. ALL MATERIALS SHALL BE PER QPL.
3. STAINLESS STEEL CHAINS (3/8"MIN.) & LOCKS FOR THE VALVES SHALL BE PROVIDED AS REQUIRED BY THE SLWSD.
4. A BACKFLOW PREVENTION ASSEMBLY MAY NOT BE REQUIRED ON THE BY-PASS LINE IF THE CUSTOMER SUBMITS A WRITTEN REQUEST TO THE SLWSD FOR APPROVAL; IF APPROVED, AN ELBOW SHALL BE USED INSTEAD OF THE TEE AND A REVISED DETAIL SHALL BE SUBMITTED TO THE SLWSD.
5. METER BY-PASS LINE SHALL BE THE SAME SIZE AS SUPPLY TO METER.
6. BACKFLOW PREVENTION ASSEMBLY ON THE BY-PASS LINE SHALL BE SAME SIZE AND TYPE AS THE MAIN BACKFLOW PREVENTION ASSEMBLY.
7. THE ENGINEER-OF-RECORD SHALL SIZE METER AND BACKFLOW PREVENTION ASSEMBLY, TAKING INTO CONSIDERATION THE TYPICAL HEAD LOSS FOR EACH.
8. 12" MIN. / 24" MAX. CLEARANCE IS REQUIRED FROM THE TOP OF THE CONCRETE PAD TO THE BOTTOM OF THE RELIEF VALVE.
9. A 24" CLEAR ZONE SHALL BE LOCATED ON ALL SIDES OF THE BACKFLOW PREVENTION ASSEMBLIES.
10. ADJUSTABLE JACK STANDS SHALL BE PROVIDED FOR SUPPORT UNDER EACH GATE VALVE AND ANCHORED IN THE CONCRETE PAD.



**MINIMUM CONSTRUCTION STANDARDS FOR
ST. LUCIE WEST SERVICES DISTRICT
450 SW UTILITY DRIVE,
PORT SAINT LUCIE, FL 34986
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**METER AND BACKFLOW
PREVENTION ASSEMBLY FOR
3" AND LARGER SERVICES**

**DETAIL: SLW-03
DATE: 03/2020
SCALE: N.T.S.
SHEET: 1 OF 1**