



**PLAN - COMPOUND METER VAULT
TYPICAL PIPING LAYOUT**

NOTES:

1. FOR COMPOUND METER VAULT AND PIPING DETAILS, SEE DETAIL W/5.1.
2. PROVIDE M.J. SOLID SLEEVE WHERE SHOWN WITH WEDGE ACTION RESTRAINER GLANDS, SEE SPECIFICATIONS. TOLERANCE BETWEEN PIPE ENDS SHALL NOT EXCEED 1/2". DO NOT USE PIPE SPACERS, SEE SPECIFICATIONS.
3. ONLY DUCTILE IRON PIPE AND FITTINGS, EXCEPT AS NOTED. SEE DRAWINGS FOR SIZES.
4. RESTRAIN ALL JOINTS DIP BY-PASS PIPING, FROM TEE TO TEE WITH WEDGE ACTION RESTRAINER GLANDS, SEE SPECIFICATIONS.
5. PROVIDE EXTENSION STEMS AND VALVE BOXES FOR ALL BURIED VALVES, SEE DETAIL W/2.2.
6. V-BIO POLYETHYLENE ENCASEMENT FOR ALL DUCTILE IRON PIPE AND FITTINGS. SEE DETAIL W/2.8 AT CONCRETE INTERFACE.
7. PROVIDE RUBBER ANNULAR HYDROSTATIC SEALING DEVICES FOR ALL PIPE THROUGH WALL CONNECTIONS, SEE SPECIFICATIONS.

BY-PIPE SIZE	
COMPOUND METER SIZE	BY-PASS PIPE SIZE
3"	2"
4"	2"
6"	4"

"A" DIMENSION (SEE DETAIL W/5.1, W/5.1a AND W/5.1b)	
COMPOUND METER SIZE	"A" (LENGTH OF METER AND STRAINER)
3"	24"
4"	29"
6"	36.5"

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED:

9/28/16

Chief Engineer

STANDARD DETAIL

3-INCH, 4-INCH AND 6-INCH
COMPOUND METER VAULT
PIPING LAYOUT

W
5.1a