



**PLAN - DETECTOR CHECK VAULTS
TYPICAL PIPING LAYOUT**

NOTES:

1. FOR DETECTOR CHECK VAULT AND PIPING DETAILS, SEE DETAIL W/12.0.
2. PROVIDE M.J. SOLID SLEEVE WHERE SHOWN WITH WEDGE ACTION RESTRAINER GLAND, 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 ONLY, 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. RESTRAIN ALL JOINTS ON FIRE HOSE CONNECTION WITH WEDGE ACTION RESTRAINER GLANDS, SEE SPECIFICATIONS.
5. PROVIDE EXTENSION STEMS AND VALVE BOXES FOR ALL BURIED VALVES, SEE DETAIL W/2.2.
6. 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	
DETECTOR CHECK SIZE	BY-PASS PIPE SIZE
4"	4"
6"	6"
8"	8"
10"	10"

"A" DIMENSION (SEE DETAIL W/12.0)	
DETECTOR CHECK SIZE	"A" (LENGTH OF METER)
4"	15"
6"	21"
8"	25"
10"	28.75"

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED: _____

Chief Engineer

STANDARD DETAIL
DETECTOR CHECK VAULT PIPING
LAYOUT FOR REPLACEMENT OF
EXISTING DETECTOR CHECK
VAULTS ONLY

W
12.0a