


	TRAVIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT No. 17 STANDARD DETAILS	DUAL PRV INSTALLATION (1 OF 2)	
	ADOPTED: 06/15/2010	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	DETAIL NO. W04

PRV 1	PRV 2
4" (100 mm)	2" (50 mm)
6" (150 mm)	2" (50 mm)
8" (200 mm)	2" (50 mm)
8" (200 mm)	4" (100 mm)
12" (300 mm)	4" (100 mm)

NOTES:

1. ALL PIPE IN PRESSURE REDUCING VALVE/BY-PASS INSTALLATION TO BE THREADED BRASS OR FLANGED DUCTILE IRON.
2. PRESSURE REDUCER VALVE SHALL BE IN ACCORDANCE WITH STANDARD PRODUCTS LIST NO. WW-319.
3. FOR DETAILS ON VAULT, LID AND MANHOLE ACCESS HATCH. (CONTACT T.C. W.C & I.D. NO. 17 STAFF DISTRICT PERSONNEL.)
4. PRESSURE ON THE LOW SIDE OF PRV SHALL BE AS NOTED ON THE PLANS BY THE DESIGN ENGINEER.
5. IF VAULT IS TO BE INSTALLED IN PAVEMENT, LID SHALL BE FLUSH WITH PAVEMENT AND TRAFFIC BEARING. IF VAULT IS TO BE INSTALLED OUTSIDE PAVEMENT LID SHALL BE INSTALLED 12" ABOVE FINISHED GRADE.
6. IF VALVE IS NOT ATTACHED TO FLANGED FITTING, ALL FITTINGS WILL BE MEGA-LUGGED RETAINER GLANDS OR APPROVED EQUIVALENT.
7. PRV'S SHALL NOT BE PLACED WITHIN THE CURB.
8. IF VAULT IS TO BE TRAFFIC BEARING, REFER TO CITY OF AUSTIN SPECIFICATIONS
9. VERTICAL GATE VALVES TO BE WHEEL OPERATED.
10. ALL SLEEVES TO BE ON DOWN STREAM SIDE FOR SAFETY PURPOSES.
11. ALL UPSTREAM OR HIGH PRESSURE MATERIALS TO BE FLANGED.
12. ALL NON-FLANGED PIPE TO BE INSTALLED WITH MEGA-LUG RETAINER GLANDS OR APPROVED EQUIVALENT RETAINER.
13. ALL VALVES WILL HAVE JACK STAND SUPPORTS.
14. ALL POINTS "A" THROUGH "D" TO HAVE A MINIMUM CLEARANCE OF EIGHTEEN (18) INCHES (457MM).
15. UPSTREAM PIPE SHOULD BE RODDED FOR ADDED SAFETY TO GUARD AGAINST BLOW OFF.

	TRAVIS COUNTY WATER CONTROL AND IMPROVEMENT DISTRICT No. 17 STANDARD DETAILS	DUAL PRV INSTALLATION (2 OF 2)	
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