

1½" BYPASS PIPE AND FLOOR SUPPORTS NOT SHOWN FOR CLARITY

SEE SHEET 2 FOR ADDITIONAL NOTES AND MATERIALS

ELEVATION

SHEET 1 OF 2



BLOCKING

STANDARD DETAIL

NTS

OR EQUIV.)

ADJUSTABLE PIPE SADDLE SUPPORT (GRINNELL #264

King County

Rev. Date 04/2025 DETAIL NO.

Water District No. 90

SLEEVE DETAIL

6

3", 4" AND 6" METERS

METER SIZE	VAULT SIZES			
	CATALOG#	VAULT#	COVER#	BASE#
3"	575-LA	575-BL	57TL-30C	575-BL
4"	575-LA	575-BL	57TL-30C	575-BL
6"	675-LA	675-ML	675-TL-30C	675-BL

GENERAL NOTES:

- SHOP-COAT ALL INTERIOR METAL INCLUDING PIPE, FITTINGS AND PIPE STANDS WITH TWO COATS OF FARWEST, BLUE, QUICK-DRY ENAMEL, PART NO. 250-1-01-K-04 AS APPROVED BY THE ENGINEER. APPLY PER MANUFACTURERS INSTRUCTIONS. SAND BLAST TO REMOVE EXISTING COATINGS AND PAINT PRIOR TO INSTALLATION, THEN TOUCH UP AS REQUIRED.
- THE ABOVE VAULT SIZES WERE SUPPLIED BY UTILITY VAULT CO. AS A REFERENCE FOR REQUIRED VAULT DIMENSIONS. SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.
- ALL ACCESS COVERS SHALL BE TRAFFIC BEARING, UTILITY VAULT FRAME NO. 332 W/ 332P COVER AS REQUIRED BY DISTRICT. PROVIDE RECESSED DOOR HANDLE BOX FOR PADLOCK W/ BOLT-DOWN COVER OVER LOCK, BOX SHALL BE LARGE ENOUGH FOR "MASTER LOCK".
- 4. CLASS 52 DI PIPE IS REQUIRED.
- 5. ALTERNATE METHODS OF RESTRAINT SHALL BE APPROVED BY THE DISTRICT.
- 6. ALL BRASS FITTINGS SHALL CONFORM TO AWWA C800. (PARTS 9,10.11,12.13 & 14)

MATERIAL LIST

1 HATCH CAST IRON MANHOLE OR GALV. STEEL HATCH IN TRAFFIC AREAS (SEE #3 ABOVE)

(2) LADDER RUNGS 3/4" GALV. BAR AT 12" O.C. GROUTED OR FABRICATED GALV. STEEL LADDER SECURED

AT TOP AND BOTTOM.

(3) CONCRETE VAULT SUBMIT DETAILS FOR APPROVAL. (SEE TABLE ABOVE)

(4) METER COMPOUND WATER METER FLG. x FLG. SUPPLIED BY DISTRICT.

(5) MAIN VALVE TWO EACH, AWWA C515-01 (DUCTILE IRON BODY AND BONNET) AND AWWA C550-05:

FLXMJ W/ RESTRAINTS OS&Y GATE VALVES W/ HANDWHEEL. MUST BE LOCATED INSIDE

OF VAULT.

(6) COUPLING ADAPTOR ONE EACH, CAST IRON, (FLANGE BY MECHANICAL JOINT) COUPLING ADAPTOR.

7) FLOOR DRAIN 4" PVC, SLOPED TO STORM SEWER OR DAYLIGHT TO DRAINAGE DITCH. ALTERNATE:

WATERPROOF VAULT W/ XYPEX. ALTERNATE MUST BE APPROVED BY THE DISTRICT

AND WILL BE ALLOWED ONLY IF DAYLIGHT DRAIN IS EXTENDED OVER 300 FEET.

(8) SPOOL SPOOL PLANE-END x FLANGED DIP. (CL52) W/ 2" ROMAC 202NS SADDLE TAP AND

BRASS PLUG AT 12:00.

(9) 1-1/2" VALVE TWO EA. BRASS GATE VALVES FOR BY-PASS.

(10) BEND TWO EA. 1-1/2 INCH 90° BRASS BENDS.

(11) UNION ONE EA. 1-1/2 INCH TWO-PART UNION BRASS.

(12) BY-PASS PIPE 1-1/2 INCH BRASS PIPE AS NEEDED W/ MIN. 2 FLOOR SUPPORTS.

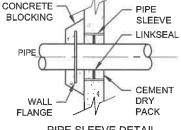
(13) SADDLE TWO EA. 1-1/2 INCH ROMAC 202NS

(14) TEE 1-1/2"x 1-1/2" BRASS TEE.

(15) BUSHING 1 1/2"x 3/4" BUSHING WITH 3/4" PLUG.

(16) WATER MAIN CLASS 52 DUCTILE IRON PIPE WITH MEGALUG RESTRAINED JOINTS.

(17) WALL FLANGE TWO EACH



PIPE SLEEVE DETAIL

SEE SHEET 1 FOR ADDITIONAL DETAILS

SHEET 2 OF 2



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3", 4" AND 6" METERS

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