



METER SIZE	TEMP SPOOL LENGTH	DIMENSION "A" (MINIMUM)	DIMENSION "B" (MINIMUM)	DIMENSION "X"	VAULT MODEL NUMBER	MODEL TYPE	TEMP SPOOL LENGTH	DIMENSION "A" (MINIMUM)	VAULT MODEL NUMBER
3	32"	18"	2"	32"	4484-LA	COMPACT FIRELINE	NA	NA	4484-LA
4	21"	18"	6"	21"	4484-LA	COMPACT FIRELINE	34"	18"	4484-LA
6	25"	18"	6"	25"	4484-LA	COMPACT FIRELINE	46"	20"	612-LA
8				31.5"		COMPACT FIRELINE	54"	23"	612-LA
10				42.5"		COMPACT FIRELINE	69"	25"	612-LA

NOTES

1. ALL MATERIALS, EXCEPT THE TEMPORARY SPOOL, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. TEMPORARY SPOOLS, WHEN REQUIRED, SHALL BE PROVIDED BY THE CITY.
2. ALL REQUIRED OPENINGS IN THE VAULT SHALL BE CORE DRILLED REGARDLESS OF THE PRESENCE OF "KNOCKOUTS".
3. THE MINIMUM DIAMETER OF PIPE, VALVES, AND FITTINGS SHALL BE 4".
4. A PERMIT WILL BE REQUIRED TO OBTAIN A WATER METER. THE METER WILL BE SUPPLIED AND INSTALLED BY THE CITY.
5. ALL VALVES SHALL BE RISING-STEM STYLE AND SHALL BE INSTALLED WITH HAND WHEELS. HAND WHEELS SHALL MEET ALL REQUIREMENTS OF AWWA C509-94, SEC. 4.11.
6. MINIMUM VERTICAL CLEARANCE BETWEEN VAULT CEILING AND TOP OF HAND WHEEL SHALL BE 36". VERTICAL CLEARANCE BETWEEN VAULT FLOOR AND BOTTOM OF PIPE SHALL BE A MINIMUM OF 12" AND A MAXIMUM OF 24".
7. USE GRINNEL ADJ. SADDLE PIPE SUPPORTS, OR APPROVED EQUAL, UNDER EACH METER ISOLATION VALVE.
8. METER VAULTS SHALL BE SUPPLIED WITH SYRACUSE EXKD-3672AL ALUMINUM DOORS (300 PSF) LOCATED DIRECTLY OVER THE METER. WHEN PLACED WHERE IT WILL BE EXPOSED TO VEHICULAR TRAFFIC, AN H-20 RATED ACCESS DOOR APPROVED BY THE CITY WILL BE REQUIRED.
9. MANHOLE STYLE LIDS WILL NOT BE ACCEPTED.
10. VAULTS SHALL BE EQUIPPED WITH A GALVANIZED STEEL LADDER AND AN ALUMINUM EXTENSION.

CITY OF ALBANY, OREGON PUBLIC WORKS DEPARTMENT		
WATER METER VAULTS		
NO SCALE	JULY 2019	NO. 510