



SIZE	MODEL TYPE	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	OMNI C2/CMP LL	18"	18"	2"	32"	4484-LA	COMPACT FIRELINE	NA	NA	4484-LA
4	OMNI C2/CMP LL	21"	18"	6"	21"	4484-LA	COMPACT FIRELINE	34"	18"	4484-LA
6	OMNI C2/CMP LL	25"	18"	6"	25"	4484-LA	COMPACT FIRELINE	46"	20"	612-LA
8	NA				31.5"		COMPACT FIRELINE	54"	23"	612-LA
10	NA				42.5"		COMPACT FIRELINE	69"	25"	612-LA

NOTES

- ALL MATERIALS, INCLUDING THE TEMPORARY SPOOL, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
- ALL REQUIRED OPENINGS IN THE VAULT SHALL BE CORE DRILLED REGARDLESS OF THE PRESENCE OF "KNOCKOUTS".
- THE MINIMUM DIAMETER OF PIPE, VALVES, AND FITTINGS SHALL BE 4". WHEN THE TEMPORARY SPOOL IS REMOVED FOR A 3" METER, 4"x3" REDUCERS SHALL BE INSTALLED.
- A PERMIT WILL BE REQUIRED TO OBTAIN A WATER METER. THE METER WILL BE SUPPLIED AND INSTALLED BY THE CITY.
- 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.
- 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".
- USE GRINNEL ADJ. SADDLE PIPE SUPPORTS, OR APPROVED EQUAL, UNDER EACH METER ISOLATION VALVE.
- 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.
- MANHOLE STYLE LIDS WILL NOT BE ACCEPTED.
- 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	REV. JAN. 2012	NO. 510