

1. All meter vault usage shall require pre-approval by the Division of Water Distribution Engineering Office. The 6" wall thickness shown reflects approved pre-cast meter vaults. Poured in place or solid block walls shall require additional approval.
2. No meter vault shall be installed in any paved area without the expressed approval of the Division of Water Distribution Engineering Office.
3. All hatches require a ladder up safety post to be installed.
4. 3" and larger valves shall be rising stem gate valves with outside screw and yoke assemblies (OS&Y). These valves will contain no ports for testing purposes of any sort. Pipe plugs will not be considered installed in ports as an acceptable equivalent to "no ports".
5. All fittings and valves, if manufactured of cast material, must be epoxy coated per AWWA specifications.
6. All-thread must be installed on any place in the meter setting where fixed flanges are not used. The all-thread must match correct bolt sizing per flange size in question.
7. All-thread quantity will be as follows: For 3" to 6" pipe, 2 pieces equally spaced on the flange. For 8" to 12" pipe, 4 pieces equally spaced on the flange.
8. No unnecessary fittings, including spools, will be installed before the meter setting.
9. An irrigation box or heated enclosure shall be installed by the contractor when installing the meter in a vault setting. The irrigation box shall be installed within 5' of the vault. A 2" I.D. conduit with 1 drawstring per water meter shall be provided from the water meter to the irrigation box or heated enclosure. See L-6317A, B & E. for additional details.
10. No connections are permitted between the R/W control valve and the meter. R/W control valve shall be placed 1'-0" from the streetedge of the proposed or existing sidewalk/bikepath, or 2'-0" inside the right-of-way or easement line when no sidewalk/bikepath is present or proposed.
11. No city meter shall be subject to excessive heat or freezing.

L-6317D.Dwg Revision Date: 4/21/21

CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF WATER	STANDARD DETAIL INSTALLATION RULES FOR 3" THRU 12" METER SETTING	
APPROVED:  ADMINISTRATOR	5/17/21 DATE	