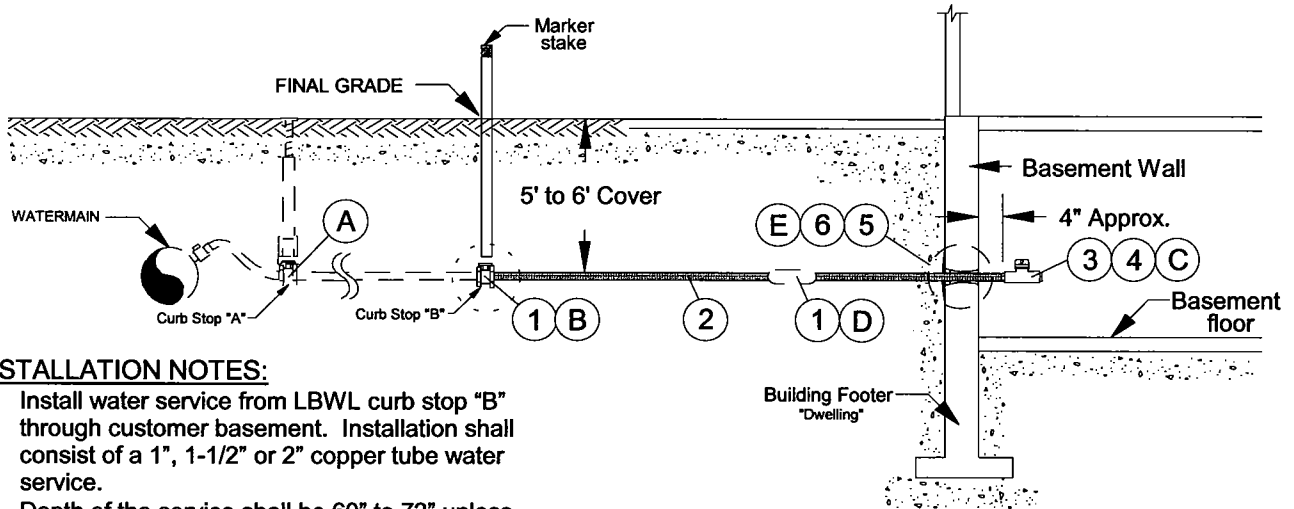


Water T&D Construction Standard

RESIDENTIAL SERVICE - CURB BOX TO BUILDING

APPLICATION: Completing service installations from existing service stubs.



INSTALLATION NOTES:

- Install water service from LBWL curb stop "B" through customer basement. Installation shall consist of a 1", 1-1/2" or 2" copper tube water service.
- Depth of the service shall be 60" to 72" unless otherwise specified by the BOARD ENGINEER.
- Curb stops removed from service stubs shall be returned to the BOARD.
- Installation of curb box to building service shall include proper documentation. Refer to LBWL Standard W-03-0005 for documentation of residential water service installations.

(A) Close / Shut off - curb stop "A". If the existing service stub is of non-standard construction, (i.e. improper depth or located in a driveway) the stub shall be relocated in depth and/or location, to put the curb stop at 5' below final grade and/or out from under the driveway. Curb stops shall be relocated to the area between the curb and sidewalk or within the Right-of-Way - without exception.

(B) Locate curb stop "B" by excavating directly beneath the marker stake. Replace curb stop "B" with an appropriately sized compression coupling.

(C) Install copper service tubing so that it protrudes from the wall approx. 4" to accommodate meter setting. Install elbow (if needed) and ball valve.

(D) An additional compression coupling may be necessary if tubing is not long enough.

(E) Penetrations through outside walls for service lines shall be filled inside and outside with an approved cement patching compound. Outside wall shall be sealed using an approved mastic compound.

MATERIALS FOR 1" SERVICE			
REF	ITEM	QTY	DESCRIPTION
①	30-25851	1 or 2	Coupling, 1" CTS Comp. - both ends
②	30-45345	As Req.	Tube, copper, type K, 1" x 60' roll
③	30-28287	1	Elbow, 90°, 1" CTS comp. x 1" MIP
④	30-70260	1	Valve, Ball type, 1" FIP x 1" yoke nut
⑤	49-02007	As Req.	Cement, patch compound, 5gal/pail
⑥	49-06401	As Req.	Compound, Vault & sewer seal, 5gal/pail

MATERIALS FOR 1-1/2" SERVICE			
REF	ITEM	QTY	DESCRIPTION
①	30-26577	1 or 2	Coupling, 1-1/2" CTS Comp. - both ends
②	30-45387	As Req.	Tube, copper, type K, 1-1/2" x 20' length
③	30-28328	1	Elbow, 90°, 1-1/2" CTS comp. x 1-1/2" MIP
④	30-80229	1	Valve, Ball type, 1-1/2", FIP x 1-1/2" yoke nut
⑤	49-02007	As Req.	Cement, patch compound, 5gal/pail
⑥	49-06401	As Req.	Compound, Vault & sewer seal, 5gal/pail

MATERIALS FOR 2" SERVICE			
REF	ITEM	QTY	DESCRIPTION
①	30-26960	1 or 2	Coupling, 2" CTS Comp. - both ends
②	30-45402	As Req.	Tube, copper, type K, 2" x 20' length
③	30-28430	1	Elbow, 90°, 2" CTS comp. x 2" MIP
④	30-70554	1	Valve, Ball type, 2" FIP x 2" yoke nut
⑤	49-02007	As Req.	Cement, patch compound, 5gal/pail
⑥	49-06401	As Req.	Compound, Vault & sewer seal, 5gal/pail

Manager, System Integrity & Customer Projects DK Wood Date: 12/17/03
 Manager, Water T&D Resource Center B. McLeod Date: 12/19/03