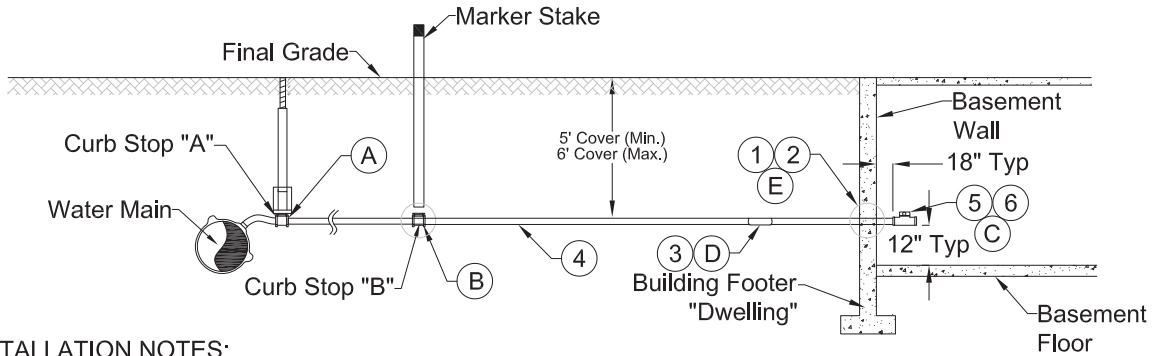




WATER T&D Construction Standard

STANDARD 1-1/2" & 2" SERVICE INSTALLATION CURB BOX TO BUILDING BASEMENT

APPLICATION: Completing service installations from existing service stubs.



INSTALLATION NOTES:

- Install water service from the BWL 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 BWL Engineer.
- Installation of curb box to building service shall include all documentation described in Water T&D Construction Standard W-03-0005.
- "Curb Box to Building" services installed by non-BWL personnel shall be inspected by the BWL prior to backfill. Any services not visible shall be exposed for inspection prior to BWL approval. A pressure test on the service line must be completed by the BWL inspector for the service lead into the customer's premises. BWL shall charge a nominal fee per inspection. Refer to the BWL "Rules and Regulations for Water Service" for current inspection fees. The installation of a meter set is the responsibility of the BWL inspector for all "Customer Choice" & other service installation work performed by non-BWL personnel. The meter set is to be installed on the incoming copper line with the building plumbing being fully connected and capped off near the meter set, prior to contact BWL to install the water meter.

(A) Close/Shutdown curb stop "A". If the existing service stub is of non-standard construction, (i.e. improper depth or located in 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. Leave curb stop "B" in place in the open position. Do not place a curb box on curb stop "B".

(C) Install copper service tubing so that it protrudes from the wall approx. 18" to accommodate meter setting. Install elbow (if needed).

(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 ALL SERVICES | | | |
|----------------------------|----------|----------|-------------------------------|
| REF | ITEM NO. | QTY | DESCRIPTION |
| 1 | 49-02007 | AS REQ'D | CEMENT, PATCH COMPOUND 5GA/PL |
| 2 | 49-06401 | AS REQ'D | COMPOUND, VAULT & SEWER SEAL |

| MATERIALS FOR 1-1/2" SERVICE | | | |
|------------------------------|----------|----------|---|
| REF | ITEM NO. | QTY | DESCRIPTION |
| 3 | 30-26577 | 1 OR 2 | COUPLING, 1-1/2" CTS COMP BOTH ENDS |
| 4 | 30-45387 | AS REQ'D | TUBE, COPPER, TYPE K, 1-1/2" X 20FT |
| 5 | 30-28401 | 1 | ELBOW, 90 DEG, 1-1/2" CTS COMP X 1-1/2" FIP |
| 6 | 30-31502 | 1 | NIPPLE, BRASS 1-1/2" X 2-1/2" |

| MATERIALS FOR 2" SERVICE | | | |
|--------------------------|----------|----------|------------------------------------|
| REF | ITEM NO. | QTY | DESCRIPTION |
| 3 | 30-26960 | 1 OR 2 | COUPLING, 2" CTS COMP BOTH ENDS |
| 4 | 30-45402 | AS REQ'D | TUBE, COPPER, TYPE K, 2" X 20FT |
| 5 | 30-28430 | 1 | ELBOW, 90 DEG 2" CTS COMP X 2" MIP |

Manager, Water & Steam Distribution 

Date: 8/18/2022

Director of Water Operations 

Date: 8/19/2022