

CURB BOX BY EWW. CURB BOXES WITHIN PAVED SURFACES MUST UTILIZE A LID WITH A PENTAGON PLUG WHICH ALLOWS THE VALVE TO BE TURNED WITHOUT DISTURBING THE ASPHALT OR CEMENT.

CURB LINE, PROPERTY LINE, OR EASEMENT LINE (EWW DISCRETION)

GROUND

EWWS RESPONSIBILITY

CUSTOMER'S RESPONSIBILITY

4.5' TO 5' MINIMUM DEPTH

BASEMENT WALL

CURB VALVE BY EWW

MINIMUM 3/4" TYPE K SOFT COPPER

PROPER SLEEVE

REQUIRED STOP & WASTE VALVE BY CUSTOMER'S PLUMBER

PRESSURE REDUCING VALVE BY CUSTOMER'S PLUMBER. CONTACT EWW ENGINEERING DEPARTMENT TO DETERMINE IF NECESSARY

METER COUPLINGS BY CUSTOMER'S PLUMBER

REQUIRED DUAL CHECK VALVE (ASSE APPROVED) BY CUSTOMER'S PLUMBER

RECOMMENDED STOP & WASTE VALVE BY CUSTOMER'S PLUMBER

EWV WATER MAIN

PENNDOT #2A COARSE AGGREGATE

FLARE FITTINGS

WATER METER BY EWW

METER AS CLOSE AS POSSIBLE

REQUIRED GROUND STRAP

CONTINUOUS ROLL OF COPPER

THIS DETAIL EWW - SD - 001 IS FOR DOMESTIC WATER SERVICES WHERE A TESTABLE BACK FLOW PREVENTER IS NOT REQUIRED AND A CONTINUOUS ROLL OF COPPER FROM CURB BOX TO INSIDE WALL OF THE HOUSE OR STRUCTURE CAN BE INSTALLED. ABSOLUTELY NO FITTINGS / SPLICES ARE ALLOWED. A METER PIT OR HEATED ENCLOSURE WILL BE NECESSARY IF THE SERVICE REQUIRES MORE THAN ONE CONTINUOUS ROLL OF COPPER.

NOTES:

1. METER REQUIRES STRAIGHT PIPE LENGTHS A MINIMUM OF 5 PIPE DIAMETERS IMMEDIATELY UPSTREAM OF THE METER AND A MINIMUM OF 2 PIPE DIAMETERS DOWNSTREAM OF THE METER AND BEFORE ANY OTHER APPURTENANCES.
2. SCHEDULE AN INSPECTION WITH THE EWW ENGINEERING DEPARTMENT AT LEAST 24 HOURS PRIOR TO INSTALLING AND BACKFILLING SERVICE LINE.
3. ALL EWW SPECIFICATIONS MUST BE MET BEFORE WATER SERVICE IS INITIATED.
4. THERMAL EXPANSION SHALL BE ADDRESSED BY CUSTOMER'S PLUMBER. CHECK LOCAL PLUMBING CODES FOR REQUIREMENTS.
5. FOR DOMESTIC SERVICES 4" AND LARGER, OR ANY PROPOSED SERVICE DIFFERENT THAN ILLUSTRATED HERE, AN ENGINEERED PLAN MUST BE SUBMITTED TO THE EWW ENGINEERING DEPARTMENT FOR APPROVAL.
6. ALL PIPING SHALL BE TYPE K SOFT COPPER FROM THE WATER MAIN TO THE CUSTOMER'S STOP & WASTE VALVE, WHICH MUST BE CONNECTED TO THE TYPE K COPPER USING A SOLDER, FLARE, OR PROPRESS FITTING. COMPRESSION FITTINGS ARE NOT PERMISSIBLE. ONLY COPPER AND/OR BRASS PIPE AND FITTINGS CAN BE UTILIZED TO THE DUAL CHECK VALVE.
7. ALL PIPES, FITTINGS, AND FIXTURES IN CONTACT WITH POTABLE WATER SHALL BE LEAD FREE PER THE REDUCTION OF LEAD IN DRINKING WATER ACT AND NSF/ANSI STANDARD 61 (NSF-61). LEAD FREE IS DEFINED AS CONTAINING NOT MORE THAN A WEIGHTED AVERAGE OF 0.25 PERCENT LEAD WHEN USED WITH RESPECT TO THE WETTED SURFACES OF PIPES, PIPE FITTINGS, PLUMBING FITTINGS, AND FIXTURES.
8. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
9. **ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE.**

(NOT TO SCALE)

DRAWN BY: SB APPROVED BY: CP
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DOMESTIC SERVICE (CONTINUOUS ROLL OF COPPER)

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