

THIS DETAIL EWW-SD-002 IS FOR 3/4" AND 1" DOMESTIC WATER SERVICES WHERE A CONTINUOUS ROLL OF COPPER FROM CURB BOX TO INSIDE WALL OF HOUSE OR STRUCTURE COULD NOT BE INSTALLED. APPROPRIATE BACKFLOW PREVENTER TO BE APPROVED BY EWW PRIOR TO INSTALLATION.

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

CAST IRON METER PIT LID WITH WELL INSULATED UNDERSIDE BY CUSTOMER'S PLUMBER. LID SHALL BE STAMPED "WATER"

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.

NOTES:

1. ALL PRECAUTIONS SHALL BE TAKEN FOR PROPER DRAINAGE.
2. SCHEDULE AN INSPECTION WITH THE EWW ENGINEERING DEPARTMENT AT LEAST 24 HOURS PRIOR TO INSTALLING AND BACKFILLING SERVICE LINE AND METER PIT.
3. THERMAL EXPANSION SHALL BE ADDRESSED BY CUSTOMER'S PLUMBER. CHECK LOCAL PLUMBING CODES FOR REQUIREMENTS.
4. ALL EWW SPECIFICATIONS MUST BE MET BEFORE WATER SERVICE IS INITIATED.
5. 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.
6. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
7. **ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE.**

METER PIT, CORRUGATED HDPE PIPE - SMOOTH INTERIOR BY CUSTOMER'S PLUMBER.

METER PIT DIMENSIONS  
18" INSIDE DIAMETER X 48" DEEP FOR 5/8" METER & 3/4" SERVICE  
24" INSIDE DIAMETER X 48" DEEP FOR 1" METER & 1" SERVICE

ANGLE BALL METER VALVE (PART OF YOKE ASSEMBLY)

ASSE 1024 APPROVED CARTRIDGE DUAL CHECK VALVE (PART OF YOKE ASSEMBLY)

METER YOKE ASSEMBLY BY CUSTOMER'S PLUMBER; **FORD 80 SERIES COPPERSETTER** OR EWW APPROVED EQUAL

5/8" METER & 3/4" SERVICE: FORD CATALOG # VBHC82W-22-33-NL  
3/4" METER & 3/4" SERVICE: FORD CATALOG # VBHC83W-22-33-NL  
1" METER & 1" SERVICE: FORD CATALOG # VBHC84W-22-44-NL

IF PRESSURE REDUCING VALVE REQUIRED; (CONTACT EWW ENGINEERING TO DETERMINE IF NECESSARY)

5/8" METER & 3/4" SERVICE: FORD CATALOG # TVBHC82W-22-33-NL  
3/4" METER & 3/4" SERVICE: FORD CATALOG # TVBHC83W-22-33-NL  
1" METER & 1" SERVICE: FORD CATALOG # TVBHC84W-22-44-NL

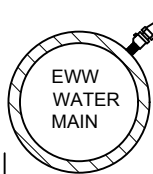
METER PIT MUST BE AS CLOSE TO THE CURB BOX AS POSSIBLE.

FLARE FITTINGS

GRAVEL FILL LINE

COARSE GRAVEL BY CUSTOMER'S PLUMBER

PATIO BLOCKS OR ADEQUATE METER PIT SUPPORTS BY CUSTOMER'S PLUMBER



CURB VALVE BY EWW

FLARE FITTINGS

PENNDOT #2A COARSE AGGREGATE

3/4" OR 1" DIAMETER TYPE K SOFT COPPER BY CUSTOMER'S PLUMBER. ABSOLUTELY NO SPLICES / FITTINGS ALLOWED.

3/4" OR 1" DIAMETER TYPE K SOFT COPPER BY CUSTOMER'S PLUMBER. APPROVED PLASTIC WITH AN AWWA AND NSF-PW/61 STAMP MAY BE TRANSITIONED TO AFTER THE METER PIT.

EWWS RESPONSIBILITY

CUSTOMER'S RESPONSIBILITY

4.5' TO 5' MINIMUM DEPTH

(NOT TO SCALE)

DRAWN BY: SB	APPROVED BY: CP
DATE: FEB 2018	EWWS - SD - 002

## DOMESTIC SERVICE (3/4" & 1") WITH METER PIT

**ERIE WATER WORKS**  
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