

RESIDENTIAL / NON-RESIDENTIAL (circle)

NAME: \_\_\_\_\_

SERVICE ADDRESS: \_\_\_\_\_

PLUMBER NAME: \_\_\_\_\_

DATE SUBMITTED: \_\_\_\_\_

BACKFLOW PREVENTER (BFP): \_\_\_\_\_

TYPE: (circle) RPBA, RPDA, DCDA, OR DCVA

MAKE: \_\_\_\_\_

MODEL: \_\_\_\_\_

SIZE: \_\_\_\_\_

PLEASE COMPLETE AND RETURN TO:  
ERIE WATER WORKS ENGINEERING DEPARTMENT  
240 WEST 12TH STREET, ERIE, PA 16501  
PH: (814) 870-8000 EXT 207, FAX: (814) 870-8011  
backflowprevention@eriewaterworks.org

APPROVED BY: \_\_\_\_\_

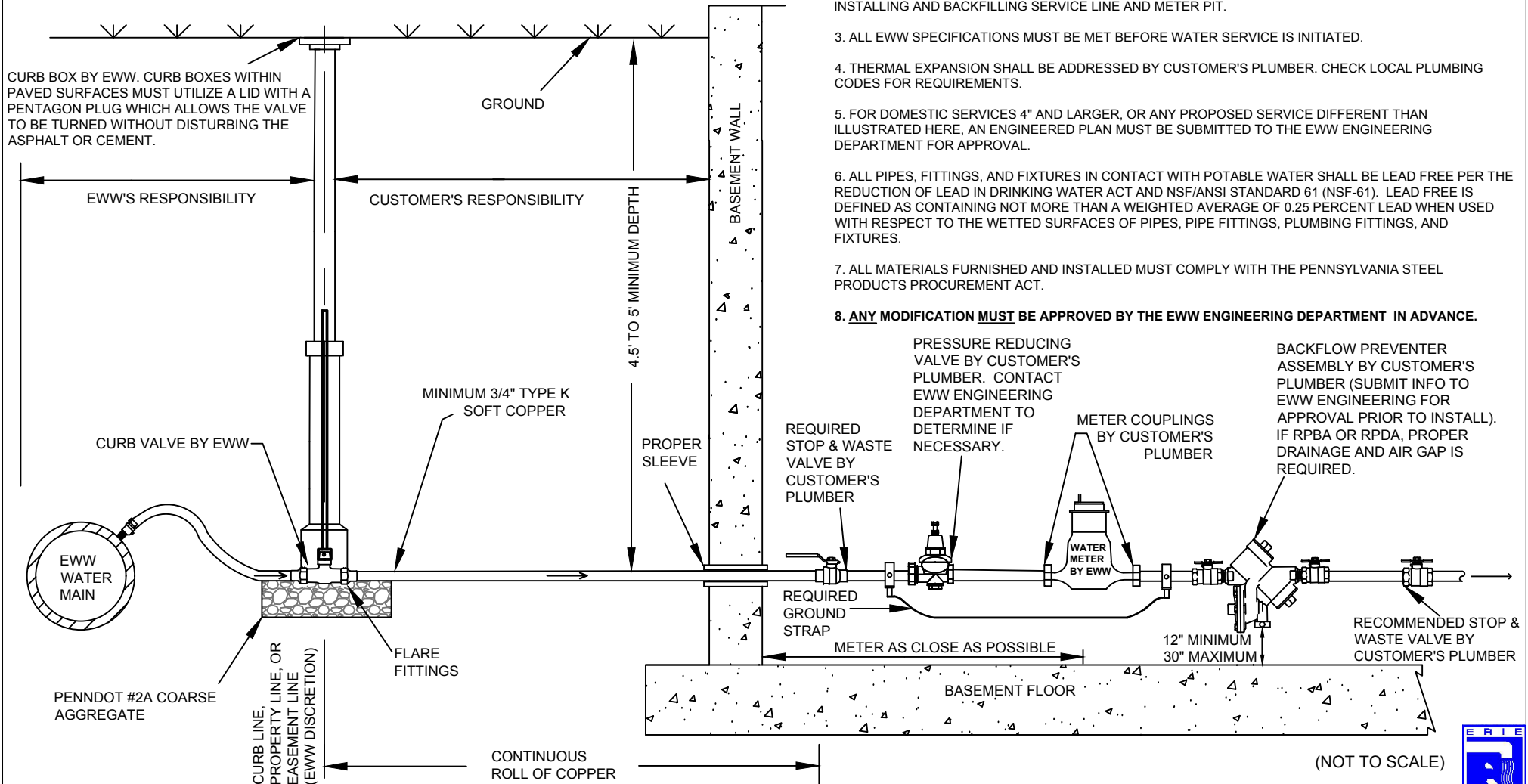
DATE APPROVED: \_\_\_\_\_

APPROVAL RETURNED: \_\_\_\_\_

NOTES:

THIS DETAIL EWW-SD-004 IS FOR DOMESTIC WATER SERVICES WHERE A TESTABLE BACKFLOW PREVENTER IS REQUIRED AND WHERE 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 HEATED ENCLOSURE WILL BE NECESSARY IF THE SERVICE REQUIRES MORE THAN ONE CONTINUOUS ROLL OF COPPER.

1. METER REQUIRES STRAIGHT PIPE LENGTHS A MINIMUM OF 5 PIPE DIAMETERS IMMEDIATELY UPSTREAM OF THE METER AND A MINIMUM OF 2 PIPE DIAMETERS AFTER 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 AND METER PIT.
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 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.
7. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
8. **ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE.**



(NOT TO SCALE)

DRAWN BY: SB	APPROVED BY: CP
DATE: FEB 2018	EWV - SD - 004

### DOMESTIC SERVICE W/ BFP (CONTINUOUS ROLL OF COPPER)

ERIE WATER WORKS  
240 West 12th Street  
Erie, PA 16501  
engineering@eriewaterworks.org

