

RESIDENTIAL / NON-RESIDENTIAL (circle)
 NAME: _____
 SERVICE ADDRESS: _____

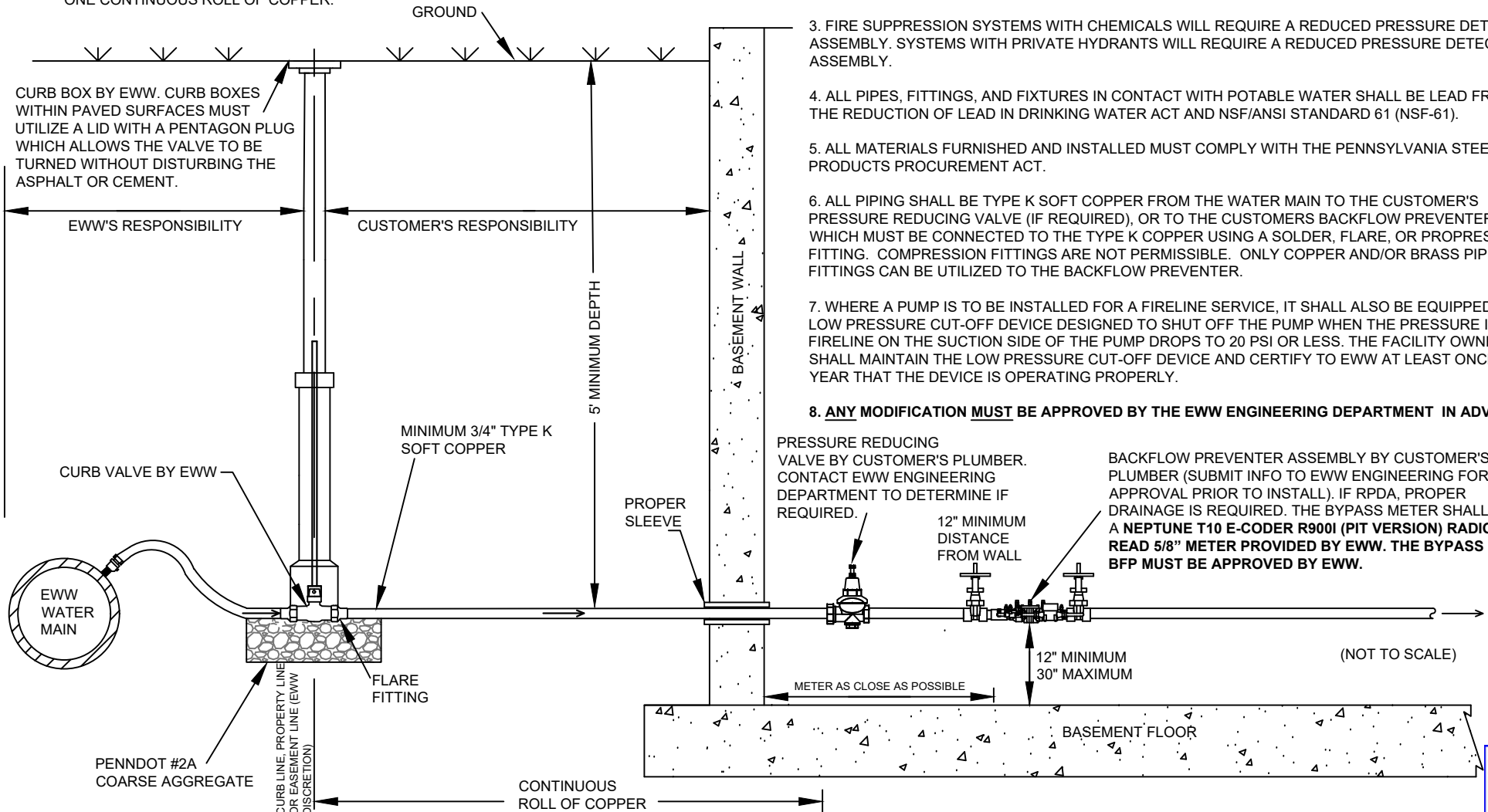
 PLUMBER NAME: _____
 DATE SUBMITTED: _____

BACKFLOW PREVENTER (BFP): _____
 TYPE: (circle) RPDA OR DCDA
 MAKE: _____
 MODEL: _____
 SIZE: _____

APPROVED BY: _____
 DATE APPROVED: _____
 APPROVAL RETURNED: _____

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

THIS DETAIL EWW-SD-006 IS FOR A FIRELINE 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 OR VAULT WILL BE NECESSARY IF THE SERVICE REQUIRES MORE THAN ONE CONTINUOUS ROLL OF COPPER.



NOTES:

- SCHEDULE AN INSPECTION WITH THE EWW ENGINEERING DEPARTMENT AT LEAST 24 HOURS PRIOR TO INSTALLING AND BACKFILLING SERVICE LINE AND BACKFLOW ASSEMBLY.
- ALL EWW SPECIFICATIONS MUST BE MET BEFORE WATER SERVICE IS INITIATED.
- FIRE SUPPRESSION SYSTEMS WITH CHEMICALS WILL REQUIRE A REDUCED PRESSURE DETECTOR ASSEMBLY. SYSTEMS WITH PRIVATE HYDRANTS WILL REQUIRE A REDUCED PRESSURE DETECTOR ASSEMBLY.
- 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).
- ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
- ALL PIPING SHALL BE TYPE K SOFT COPPER FROM THE WATER MAIN TO THE CUSTOMER'S PRESSURE REDUCING VALVE (IF REQUIRED), OR TO THE CUSTOMERS BACKFLOW PREVENTER, WHICH MUST BE CONNECTED TO THE TYPE K COPPER USING A SOLDER, FLARE, OR PROGRESS FITTING. COMPRESSION FITTINGS ARE NOT PERMISSIBLE. ONLY COPPER AND/OR BRASS PIPE AND FITTINGS CAN BE UTILIZED TO THE BACKFLOW PREVENTER.
- WHERE A PUMP IS TO BE INSTALLED FOR A FIRELINE SERVICE, IT SHALL ALSO BE EQUIPPED WITH A LOW PRESSURE CUT-OFF DEVICE DESIGNED TO SHUT OFF THE PUMP WHEN THE PRESSURE IN THE FIRELINE ON THE SUCTION SIDE OF THE PUMP DROPS TO 20 PSI OR LESS. THE FACILITY OWNER SHALL MAINTAIN THE LOW PRESSURE CUT-OFF DEVICE AND CERTIFY TO EWW AT LEAST ONCE A YEAR THAT THE DEVICE IS OPERATING PROPERLY.
- ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE.**

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

BACKFLOW PREVENTER ASSEMBLY BY CUSTOMER'S PLUMBER (SUBMIT INFO TO EWW ENGINEERING FOR APPROVAL PRIOR TO INSTALL). IF RPDA, PROPER DRAINAGE IS REQUIRED. THE BYPASS METER SHALL BE A NEPTUNE T10 E-CODER R900I (PIT VERSION) RADIO READ 5/8" METER PROVIDED BY EWW. THE BYPASS BFP MUST BE APPROVED BY EWW.

(NOT TO SCALE)

DRAWN BY: RD APPROVED BY: CP
 DATE: MAR 2020 EWW - SD - 006

FIRELINE 2" AND SMALLER (CONTINUOUS ROLL OF COPPER)

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

