

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

RESIDENTIAL / NON-RESIDENTIAL (circle)  
 NAME: \_\_\_\_\_  
 SERVICE ADDRESS: \_\_\_\_\_  
 \_\_\_\_\_  
 PLUMBER NAME: \_\_\_\_\_  
 DATE SUBMITTED: \_\_\_\_\_

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

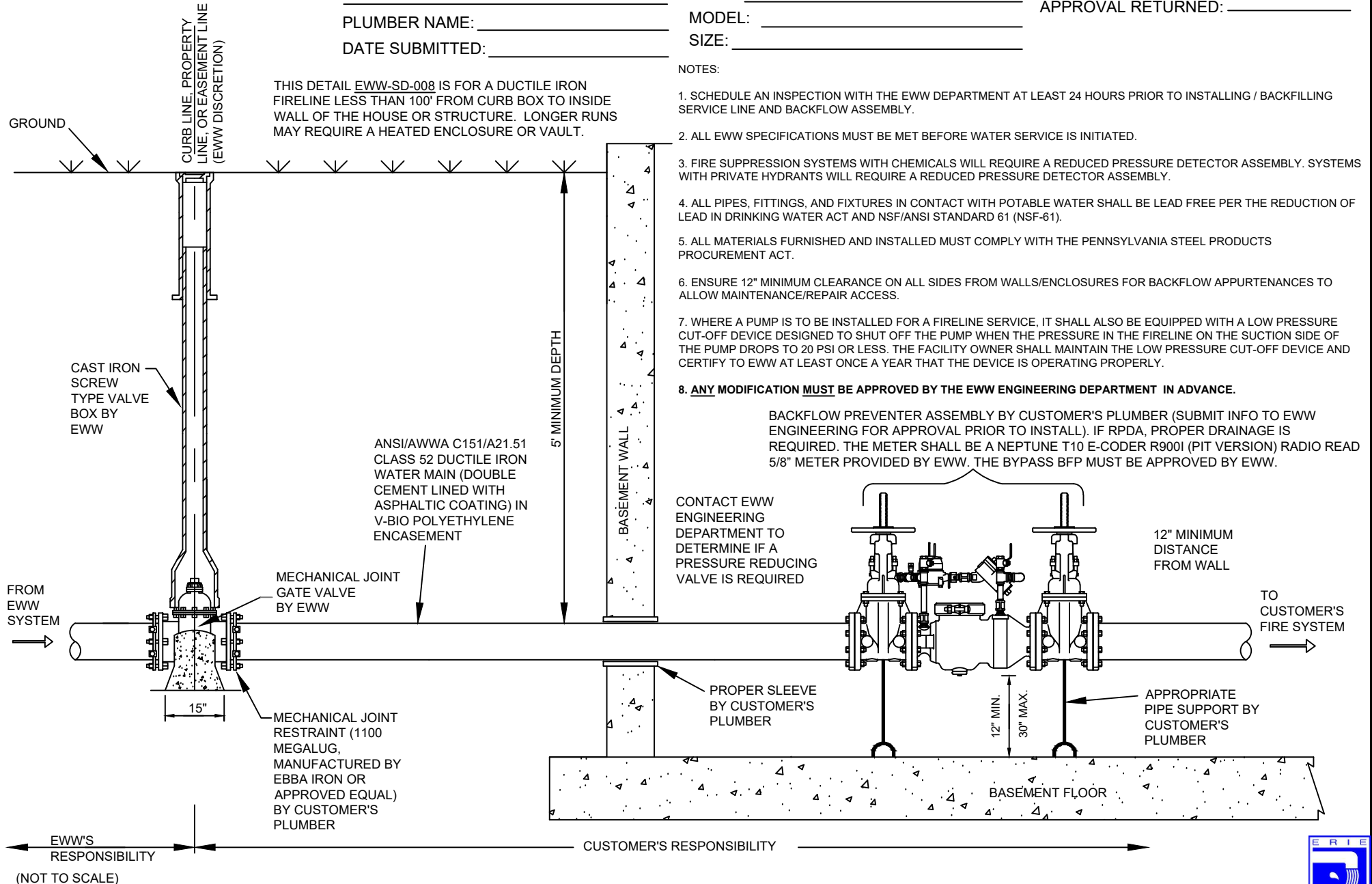
APPROVED BY: \_\_\_\_\_  
 DATE APPROVED: \_\_\_\_\_  
 APPROVAL RETURNED: \_\_\_\_\_

THIS DETAIL EWW-SD-008 IS FOR A DUCTILE IRON  
 FIRELINE LESS THAN 100' FROM CURB BOX TO INSIDE  
 WALL OF THE HOUSE OR STRUCTURE. LONGER RUNS  
 MAY REQUIRE A HEATED ENCLOSURE OR VAULT.

NOTES:

- SCHEDULE AN INSPECTION WITH THE EWW DEPARTMENT AT LEAST 24 HOURS PRIOR TO INSTALLING / 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.
- ENSURE 12" MINIMUM CLEARANCE ON ALL SIDES FROM WALLS/ENCLOSURES FOR BACKFLOW APPURTENANCES TO ALLOW MAINTENANCE/REPAIR ACCESS.
- 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.**

BACKFLOW PREVENTER ASSEMBLY BY CUSTOMER'S PLUMBER (SUBMIT INFO TO EWW ENGINEERING FOR APPROVAL PRIOR TO INSTALL). IF RPDA, PROPER DRAINAGE IS REQUIRED. THE METER SHALL BE A NEPTUNE T10 E-CODER R9001 (PIT VERSION) RADIO READ 5/8" METER PROVIDED BY EWW. THE BYPASS BFP MUST BE APPROVED BY EWW.



CONTACT EWW ENGINEERING DEPARTMENT TO DETERMINE IF A PRESSURE REDUCING VALVE IS REQUIRED

12" MINIMUM DISTANCE FROM WALL

PROPER SLEEVE BY CUSTOMER'S PLUMBER

APPROPRIATE PIPE SUPPORT BY CUSTOMER'S PLUMBER

BASEMENT FLOOR

EWWS RESPONSIBILITY (NOT TO SCALE)

CUSTOMER'S RESPONSIBILITY

DRAWN BY: RD APPROVED BY: CP  
 DATE: MAR 2020 EWW - SD - 008

**FIRELINE 4" & LARGER (LESS THAN 100')**

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

