

TOWNSHIP WATER AUTHORITY:

RESIDENTIAL / NON-RESIDENTIAL (CIRCLE)

NAME: _____

SERVICE ADDRESS: _____

PLUMBER NAME: _____

DATE SUBMITTED: _____

HEATED ENCLOSURE (HOT BOX)

MAKE: _____ MODEL: _____
 SIZE: _____ CUSTOM BUILT: _____
 ASSE 1060 COMPLIANT: Y / N (CIRCLE)

*CUSTOM BUILT ENCLOSURES MUST BE SUBMITTED FOR REVIEW.

BACKFLOW PREVENTER (BFP)

TYPE: (CIRCLE ONE) RPDA OR DCDA

MAKE: _____ MODEL: _____

SIZE: _____

APPROVAL STAMP

APPROVED BY: _____

DATE APPROVED: _____

APPROVAL RETURNED: _____

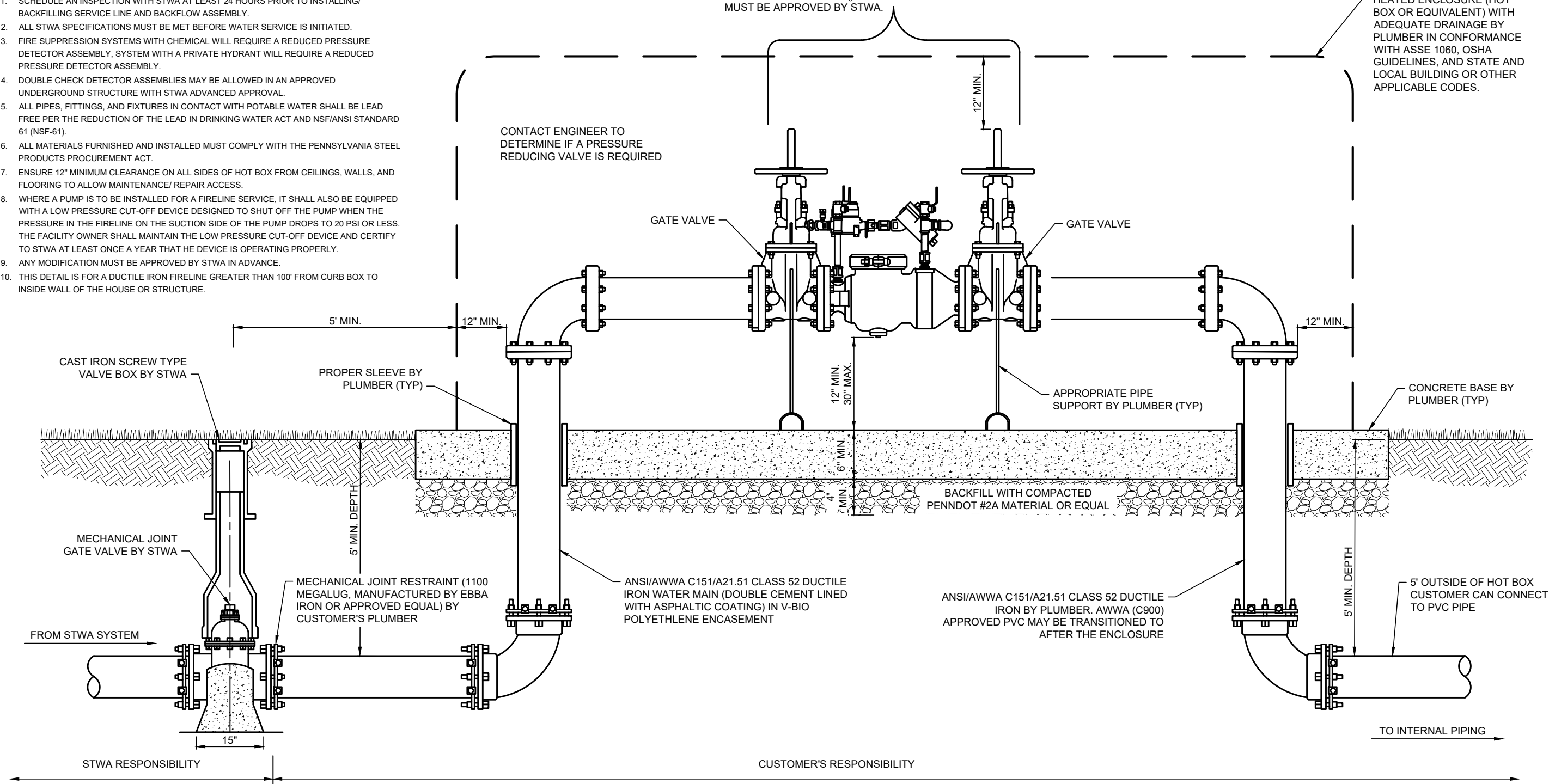
NOTES:

1. SCHEDULE AN INSPECTION WITH STWA AT LEAST 24 HOURS PRIOR TO INSTALLING/BACKFILLING SERVICE LINE AND BACKFLOW ASSEMBLY.
2. ALL STWA SPECIFICATIONS MUST BE MET BEFORE WATER SERVICE IS INITIATED.
3. FIRE SUPPRESSION SYSTEMS WITH CHEMICAL WILL REQUIRE A REDUCED PRESSURE DETECTOR ASSEMBLY, SYSTEM WITH A PRIVATE HYDRANT WILL REQUIRE A REDUCED PRESSURE DETECTOR ASSEMBLY.
4. DOUBLE CHECK DETECTOR ASSEMBLIES MAY BE ALLOWED IN AN APPROVED UNDERGROUND STRUCTURE WITH STWA ADVANCED APPROVAL.
5. ALL PIPES, FITTINGS, AND FIXTURES IN CONTACT WITH POTABLE WATER SHALL BE LEAD FREE PER THE REDUCTION OF THE LEAD IN DRINKING WATER ACT AND NSF/ANSI STANDARD 61 (NSF-61).
6. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
7. ENSURE 12" MINIMUM CLEARANCE ON ALL SIDES OF HOT BOX FROM CEILINGS, WALLS, AND FLOORING TO ALLOW MAINTENANCE/ REPAIR ACCESS.
8. 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 STWA AT LEAST ONCE A YEAR THAT THE DEVICE IS OPERATING PROPERLY.
9. ANY MODIFICATION MUST BE APPROVED BY STWA IN ADVANCE.
10. THIS DETAIL IS FOR A DUCTILE IRON FIRELINE GREATER THAN 100' FROM CURB BOX TO INSIDE WALL OF THE HOUSE OR STRUCTURE.

BACKFLOW PREVENTER ASSEMBLY BY PLUMBER (SUBMIT INFO TO STWA FOR APPROVAL PRIOR TO INSTALL). THE METER SHALL BE A E SERIES MODEL 25, RADIO READ $\frac{5}{8}$ " METER PROVIDED BY STWA. THE BYPASS BFP MUST BE APPROVED BY STWA. **I**

HEATED ENCLOSURE (HOT BOX OR EQUIVALENT) WITH ADEQUATE DRAINAGE BY PLUMBER IN CONFORMANCE WITH ASSE 1060, OSHA GUIDELINES, AND STATE AND LOCAL BUILDING OR OTHER APPLICABLE CODES.

CONTACT ENGINEER TO
DETERMINE IF A PRESSURE
REDUCING VALVE IS REQUIRED



SUMMIT TOWNSHIP WATER
AUTHORITY

1230 TOWNHALL ROAD WEST
SUITE 200
ERIE, PA 16509

FIRELINE 4" AND LARGER (HOT BOX ENCLOSURE)



1625 LOWELL AVENUE
ERIE, PA 16505
(814) 833-3900

SCALE: NOT TO SCALE

REVISÉD DATE: 07/2024

DRAWN BY: JEC

APPROVED BY: JZ

PROJECT NO.

SHEET NAME

SD-002

SHEET	OF
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23: USER\$EVEI YNSII FRONEDRIVE - VERDANTAS\ PROJECTS\STVA\VERDANTAS\STVA SD-02 FIRIINE HOTBOX\VERDANTAS.DWG - SD-02 - 8/15/2025 12:02:34 PM - EVEI YN SILER