

C:\USER\VELYN\SIILER\DRIVE - VERDANTAS\PROJECTS\TOWNSHIP\VERDANTAS\SD-05 DOMESTIC SERVICE_CONTINUOUS ROLL OF COPPER\VERDANTAS.DWG - SD-05 - 8/15/2025 12:34:42 PM - EVELYN SILER

PLEASE COMPLETE & RETURN TO SUMMIT
TOWNSHIP WATER AUTHORITY:

1230 TOWNHALL ROAD WEST
SUITE 200
ERIE, PA 16509
PHONE: (814) 864-2323

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

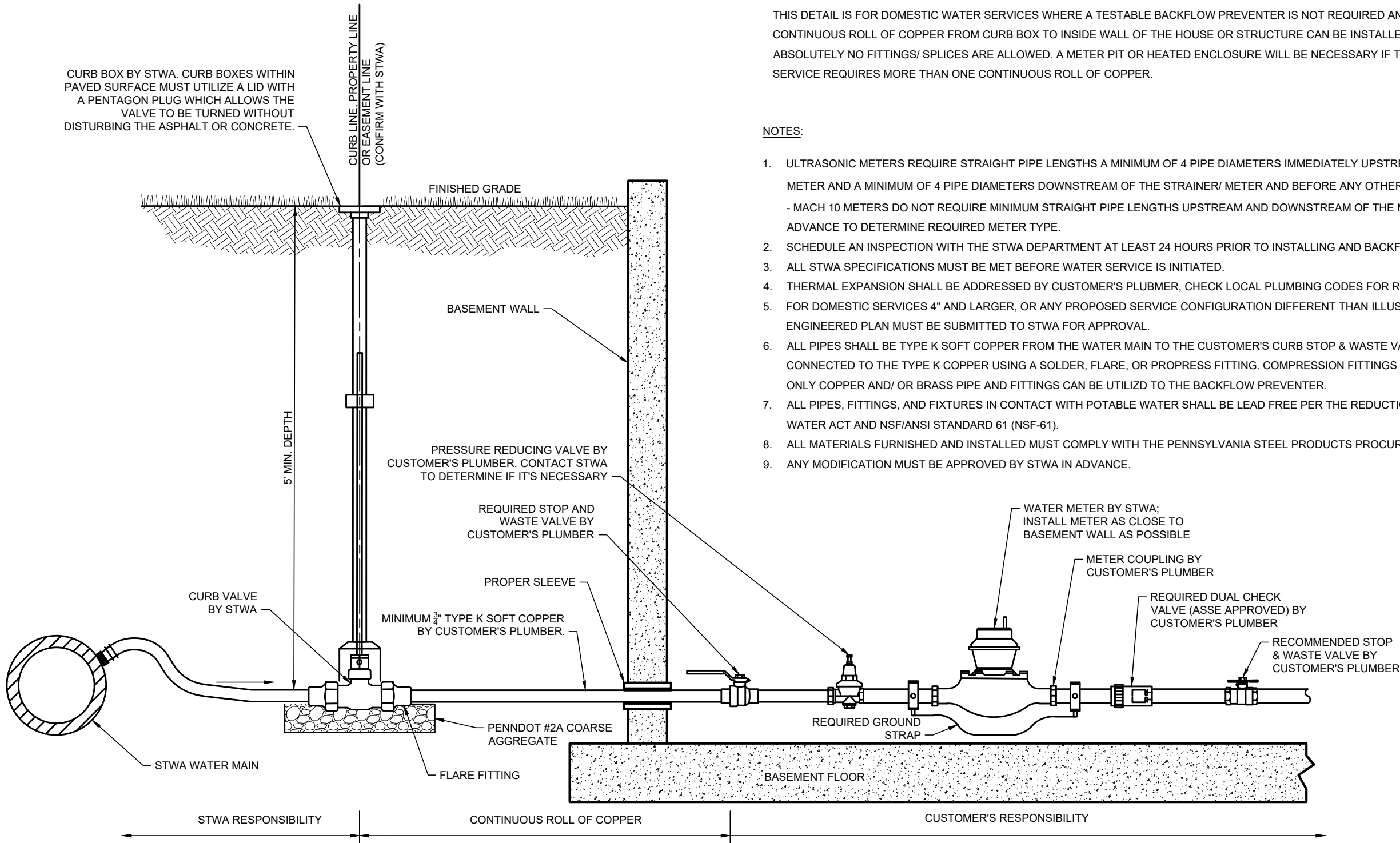
PLUMBER NAME: _____
DATE SUBMITTED: _____

APPROVAL STAMP

APPROVED BY: _____

DATE APPROVED: _____

APPROVAL RETURNED: _____



THIS DETAIL IS FOR DOMESTIC WATER SERVICES WHERE A TESTABLE BACKFLOW PREVENTER IS NOT REQUIRED AND 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 METER PIT OR HEATED ENCLOSURE WILL BE NECESSARY IF THE SERVICE REQUIRES MORE THAN ONE CONTINUOUS ROLL OF COPPER.

NOTES:

1. ULTRASONIC METERS REQUIRE STRAIGHT PIPE LENGTHS A MINIMUM OF 4 PIPE DIAMETERS IMMEDIATELY UPSTREAM OF THE STRAINER/ METER AND A MINIMUM OF 4 PIPE DIAMETERS DOWNSTREAM OF THE STRAINER/ METER AND BEFORE ANY OTHER APPURTENANCES. 5/8" TO 2" - MACH 10 METERS DO NOT REQUIRE MINIMUM STRAIGHT PIPE LENGTHS UPSTREAM AND DOWNSTREAM OF THE METER. CONTACT STWA IN ADVANCE TO DETERMINE REQUIRED METER TYPE.
2. SCHEDULE AN INSPECTION WITH THE STWA DEPARTMENT AT LEAST 24 HOURS PRIOR TO INSTALLING AND BACKFILLING SERVICE LINE.
3. ALL STWA 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 CONFIGURATION DIFFERENT THAN ILLUSTRATED HERE, AN ENGINEERED PLAN MUST BE SUBMITTED TO STWA FOR APPROVAL.
6. ALL PIPES SHALL BE TYPE K SOFT COPPER FROM THE WATER MAIN TO THE CUSTOMER'S CURB STOP & WASTE VALVE, WHICH MUST BE CONNECTED TO THE TYPE K COPPER USING A SOLDER, FLARE, OR PROPRESS FITTING. COMPRESSION FITTINGS ARE NOT PERMISSIBLE. ONLY COPPER AND/ OR BRASS PIPE AND FITTINGS CAN BE UTILIZED TO THE BACKFLOW PREVENTER.
7. 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).
8. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
9. ANY MODIFICATION MUST BE APPROVED BY STWA IN ADVANCE.



SUMMIT TOWNSHIP WATER
AUTHORITY

1230 TOWNHALL ROAD WEST
SUITE 200
ERIE, PA 16509

DOMESTIC SERVICE (CONTINUOUS
ROLL OF COPPER)

verdantas

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

SCALE:	NOT TO SCALE	PROJECT NO.	
ISSUE DATE:	09/2023	SHEET NAME	
DRAWN BY:	JEC	SD-005	
APPROVED BY:	JZ	SHEET	OF
		1	1