

NOTES:

1. TAPS MADE TO THE V-BIO POLYETHYLENE ENCASED PIPE MUST BE MADE IN STRICT CONFORMANCE TO THE MANUFACTURERS INSTALLATION REQUIREMENTS. ENCASEMENT INTEGRITY MUST NOT BE BREACHED.
2. 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.
3. ALL MATERIALS FURNISHED AND INSTALLED MUST COMPLY WITH THE PENNSYLVANIA STEEL PRODUCTS PROCUREMENT ACT.
4. ANY MODIFICATION MUST BE APPROVED BY THE EWW ENGINEERING DEPARTMENT IN ADVANCE.

AUTOMATIC FLUSHING UNIT, HYDROGUARD MODEL #HG3/5, UNIT SHALL HAVE A 5' BURY DEPTH, SAMPLING STATION AND ALL ELECTRONICS ABOVE GROUND

SIDES OF DRY WELL TO BE LINED WITH 8-MIL POLYETHYLENE

4' X 7' DRY WELL WITH #3 STONE OR EQUIVALENT LOCAL STONE MIX

SEAL AROUND COPPER PIPE WITH POLYETHYLENE TAPE

4.5' TO 5'

2" CURB STOP (1/4-TURN BALL VALVE), MUELLER MODEL #B-25204N OR APPROVED EQUAL

2" TYPE K SOFT COPPER, ABSOLUTELY NO SPLICES / FITTINGS ALLOWED

2'x2'x1' COMPACTED PENNDOT #2A COARSE AGGREGATE

TAP SHALL BE SUPPORTED TO EDGE OF TRENCH WITH COMPACTED PENNDOT #2A COARSE AGGREGATE

TWO-PIECE CAST IRON SCREW TYPE 6850 SERIES VALVE BOX WITH 5 1/4" DROP LID. LID SHALL HAVE THE WORD "WATER" FORGED INTO CASTING. ALL VALVE BOXES MUST BE PRODUCED IN ACCORDANCE WITH AND MEET PROVISIONS OF MOST RECENT ASTM A-438, ASTM A-48, AWWA C110/A21, AND AWWA C110/A21 4-90 STANDARDS. TYLER MODEL (562-S, 564-S, OR 664-S) BOX OR EQUAL.

CORPORATION STOP (BALL VALVE), MUELLER MODEL # B-25000N OR APPROVED EQUAL. SHALL BE DIRECT TAPPED INTO THE MAIN WITH A MINIMUM OF 2 THREADS. A MJ TAPPED TEE, TYLER UNION MODEL # C110 OR APPROVED EQUAL, MAY BE USED IF MAIN THICKNESS DOES NOT ALLOW FOR 2 THREADS. SERVICE SADDLES ARE NOT TO BE USED

ANSI/AWWA C151/A21.51 CLASS 52 DUCTILE IRON WATER MAIN (DOUBLE CEMENT LINED WITH ASPHALTIC COATING) IN V-BIO POLYETHYLENE ENCASEMENT

(NOT TO SCALE)

DRAWN BY: CE	APPROVED BY: CP
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AUTOMATIC FLUSHING UNIT

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