

NOTES:

1. TAPS MADE TO THE V-BIO POLYETHYLENE ENCASED WATER MAIN 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.

BLOW OFF SAMPLE STATION, SAFETY-GUARD 2" SAMPLE STATION MODEL #BSS0260CHADGCSNLT. UNIT SHALL HAVE A 5' MINIMUM BURY DEPTH AND MUST BE SELF DRAINING.

DISCHARGE OF ELBOW SHALL BE FEMALE PIPE THREAD.

#57 COARSE AGGREGATE 6" DEEP AND 6" WIDE AROUND PERIMETER OF UNIT

DRY WELL TO BE LINED WITH 8-MIL POLYETHYLENE ON TOP AND ALL SIDES EXCEPT THE BOTTOM OF THE WELL

#57 COARSE AGGREGATE MINIMUM 1 CUBIC YARD (3'x3'x3')

2" FLARED X MIP BRASS COUPLING, MUELLER 15425-550N OR APPROVED EQUAL

NOTCH BOTTOM OF VALVE BOX TO EXTEND OVER FLARE/CU PIPE.

5' MINIMUM

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

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

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

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. EWW 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-25025N THREADED INTO MJ TAPPED TEE, TYLER UNION MODEL # C110 OR APPROVED EQUAL. 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

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

(NOT TO SCALE)

DRAWN BY: HB	APPROVED BY: CE
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BLOW OFF SAMPLING STATION

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