



EWW CURB BOX (1" CAST IRON WITH ARCHED BASE) AND LID (2-HOLE ERIE PATTERN WITH "WATER" CAST INTO IT), A.Y. McDONALD MANUFACTURING COMPANY MODEL #5601 OR APPROVED EQUAL. CURB BOXES LOCATED WITHIN PAVED SURFACES MUST UTILIZE A LID WITH A 1" PENTAGON PLUG (A.Y. McDONALD MODEL #5607 OR APPROVED EQUAL) WHICH ALLOWS THE VALVE TO BE TURNED WITHOUT DISTURBING THE ASPHALT OR CEMENT PAVEMENT.

CAST IRON METER PIT LID WITH WELL INSULATED UNDERSIDE. LID SHALL BE STAMPED "WATER".

OPERATING STEM EXTENSION / CURB BOX ROD, TRUMBULL MODEL #S 367-4520, 367-4525, OR APPROVED EQUAL. MUST HAVE TRIANGULAR TOP. ATTACHED TO CURB STOP WITH BRASS COTTER PIN.

VENT TO TOP OF PIT

AIR RELEASE VALVE, EPOXY COATED INSIDE AND OUTSIDE. UNIT MUST BE SIZED BY AN ENGINEER WITH DATA SUBMITTED TO EWW FOR APPROVAL.

1" BRASS MNPT X MNPT FITTING

1/4-TURN BALL VALVE, FLARE X FIP, MUELLER MODEL # B-25174N OR APPROVED EQUAL.

#57 COARSE AGGREGATE FILL LINE

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

1" DIAMETER TYPE K SOFT COPPER. THE SERVICE TAP SHALL BE A CONTINUOUS ROLL OF COPPER FROM CORPORATION STOP TO CURB STOP. ABSOLUTELY NO FITTINGS / SPLICES ARE ALLOWED. CONSULT THE EWW ENGINEERING DEPARTMENT IF TAP CANNOT BE INSTALLED WITH A CONTINUOUS ROLL OF COPPER.

PIT - CORRUGATED HDPE PIPE WITH SMOOTH INTERIOR. PIT DIMENSIONS SHALL BE A MINIMUM OF 18" INSIDE DIAMETER X 48" DEEP.

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.

CORPORATION STOP (BALL VALVE), MUELLER MODEL # B-25000N OR APPROVED EQUAL. SHALL BE DIRECT TAPPED INTO THE TOP OF 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
DATE: JAN 2018	EWV - CD - 004B

AIR RELEASE VALVE IN PIT

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