

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.

AT OR NEAR PROPERTY LINE OR EASEMENT LINE

CUSTOMER'S SERVICE LINE SHALL BE 3/4" OR GREATER TYPE K SOFT COPPER. THE SERVICE LINE SHALL BE A CONTINUOUS ROLL OF COPPER FROM CURB STOP TO INSIDE WALL OF BUILDING AT STOP AND WASTE VALVE. ABSOLUTELY NO FITTINGS / SPLICES ARE ALLOWED. A METER PIT WILL BE NECESSARY IF A CONTINUOUS ROLL OF COPPER IS UNABLE TO BE INSTALLED. REFER TO STANDARD WATER SERVICE DETAILS FOR MORE INFORMATION.

5' MINIMUM
18" MAXIMUM

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

3/4" OR 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 SERVICE TAP CANNOT BE INSTALLED WITH A CONTINUOUS ROLL OF COPPER.

MITCHELL BEND OR GOOSE NECK

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.

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.

TO CUSTOMER

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

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

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

CUSTOMER'S RESPONSIBILITY

EWW'S RESPONSIBILITY

(NOT TO SCALE)

DRAWN BY: HB	APPROVED BY: CE
DATE: MAR 2024	EWV - CD - 001

WATER SERVICE TAP (3/4" & 1")

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