



Public Works Manual

Revised September 2015

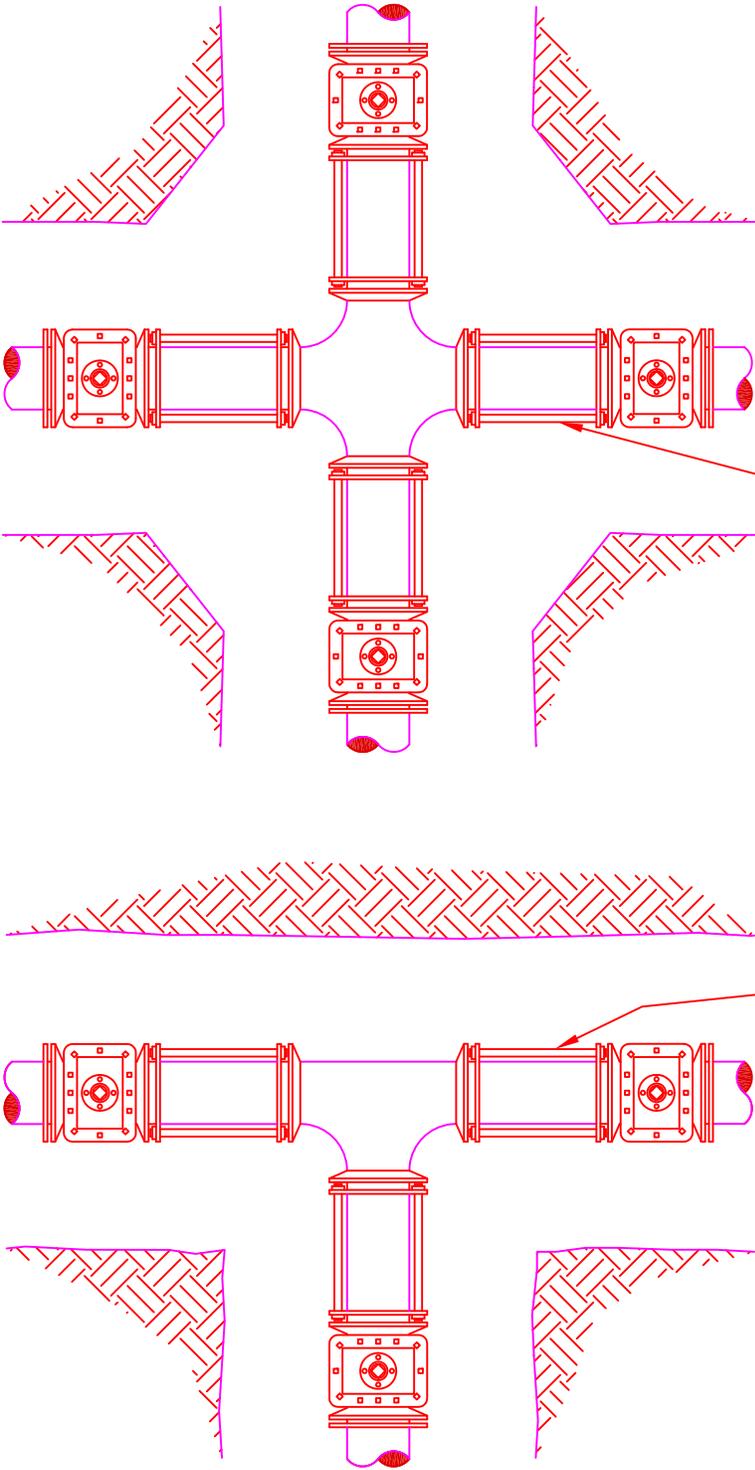


Appendix B: Water

Appendix B

Typical Water Details

- B.1 – Typical Hydrant Setting
- B.2 – Typical Tees and Cross Installation
- B.3 – Pressure Reducing Vault
- B.4 – Plan View of Pressure Reducing Vault
- B.5 – Typical Air Vacuum and Air Release Valve
- B.6 – Typical Gate Valve and Box
- B.7 – Service Connection Detail
- B.8 – Typical Vertical Joint



TEE

CROSS

ALL JOINTS SHALL BE EBAA IRON INC. MEGALUG RESTRAINTS, ENCAPSULATED IN POLYETHYLENE SHEETING, OR "PROTECTO WRAP". BOLT VALVE TO TEE OR CROSS.

Typical Tees and Cross Installation



Location: Water]NEWVTC Date: Dec 2008

NO.	DWN.	DATE.	REVISION

LOCATE NEW CURB BOX 12" AT ROW OF 6" BEYOND WATER UTILITY OR BACK OF WALK WHICHEVER IS GREATER.

6" STEEL POST, 3' ABOVE GROUND, PAINTED BLUE.

PROPERTY LINE

FINISH GRADE ELEVATION

NOTE:
IN CLASS 52 DUCTILE IRON PIPES, 3/4-INCH OR 1 INCH TAP WILL BE DIRECT TAPS. TAPS LARGER THAN 3/4" SHALL HAVE DOUBLE STRAP SADDLES PER SPECIFICATIONS OR DUCTILE IRON TAPPING TEES.

10 AWG 'UF' GRADE INSULATED TRACER WIRE TO METER PIT FOR PURE CORE ONLY.

COMPRESSION X COMPRESSION MUELLER CURB STOP & COUPLING

SERVICE LINE EXTENSION TO EASEMENT LINE.

4"x8"x16" concrete base block

MUELLER CORPORATION STOP

TYPE 'K' COPPER

MINIMUM RADIUS 30" (TYPICAL)

5.5' MINIMUM

CURB STOP ADJUSTABLE BOX ARCH PATTERN

PER SPECIFICATIONS PROVIDE HORIZONTAL BEND FOR EXPANSION & CONTRACTION

MUELLER CORPORATION STOP

ALL BRASS STRAP & SADDLE OR DIRECT TAP WHERE PERMITTED

WATER MAIN



Water Service Connection

Appendix B-7

Location:

Date:

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Dec 2008

NO.

DWN.

DATE.

REVISION

