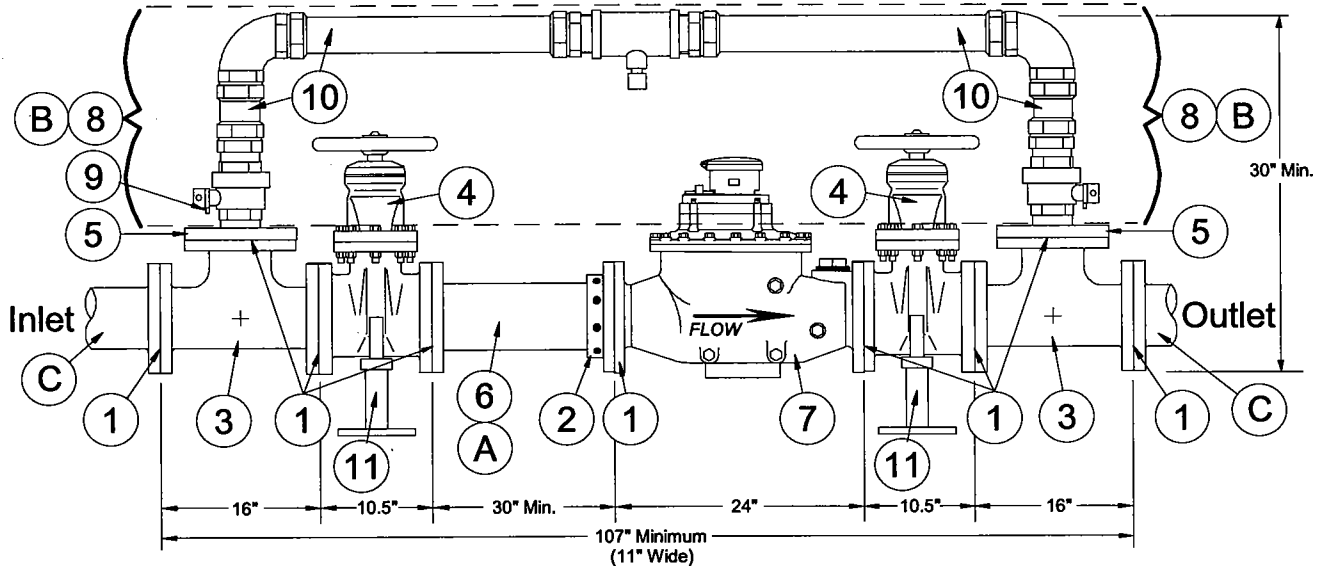


Water T&D Construction Standard

6" COMPOUND METER SET WITH 2" BY-PASS

APPLICATION: Commercial & Industrial water metering.



INSTALLATION NOTES

- Inlet side By-Pass valve shall have security device or barrel lock installed while in the closed position. Inlet side gate valve shall have security device installed while in the open position.

By-Pass shall be drained of water when not in use.

- (A) Pipe section must be a minimum of 30" in length in order to provide undisturbed flow of water for accurate metering. Lengths greater than 30" are desirable when area for meter installation allows. This pipe section must be cut to length.
- (B) Item number 30-36002 is a 2" by-pass packaged as a boxed assembly utilizing compression fittings. 2" copper tubing is not included and must be allocated to complete the by-pass assembly. Refer to LBWL Water T&D Construction Standard W-04-0200 for detail of the 2" by-pass assembly.
- (C) Ductile iron pipe for inlet and outlet connection to meter set requires a flanged connection to the flanged end tees. Order appropriate flanged end ductile iron pipe or plain end ductile iron pipe with flange adapter.

MATERIALS			
REF	ITEM NO.	QTY*	DESCRIPTION
(1)	30-35427	9	Gasket and Bolt Set, 6" Flange
(2)	30-20025	1	Adapter, Coupling, 6" Mega Flange®
(3)	30-34040	2	Tee, Ductile iron, 6" x 6", Flange x Flange x Flange, Full Body
(4)	38-10227	2	Valve, Gate, 6" NRS, Flange x Flange, Resilient wedge
(5)	30-29622	2	Flange, Reducing, 2" x 11" O.D. (for 6" flanged fittings)
(6)	37-12186	1	Pipe, Ductile iron, 6" x 48" Flange x Plain end. (Cut to length)
(7)	30-14840	1	Meter, 6" SRH Compound
(8)	30-36002	1	Assembly, 2" by-pass, boxed
(9)	30-00151	1	Barrel-lock, Hardened steel, with end cap
(10)	30-45402	As Req'd	Tube, Copper, Type K, 2" x 20'
(11)	30-09505	2	Meter Support

* Required for one meter assembly

Manager, System Integrity & Customer Projects

D. Wood

Date: 12/17/03

Manager, Water T&D Resource Center

B. M. Lead

Date: 12/19/03