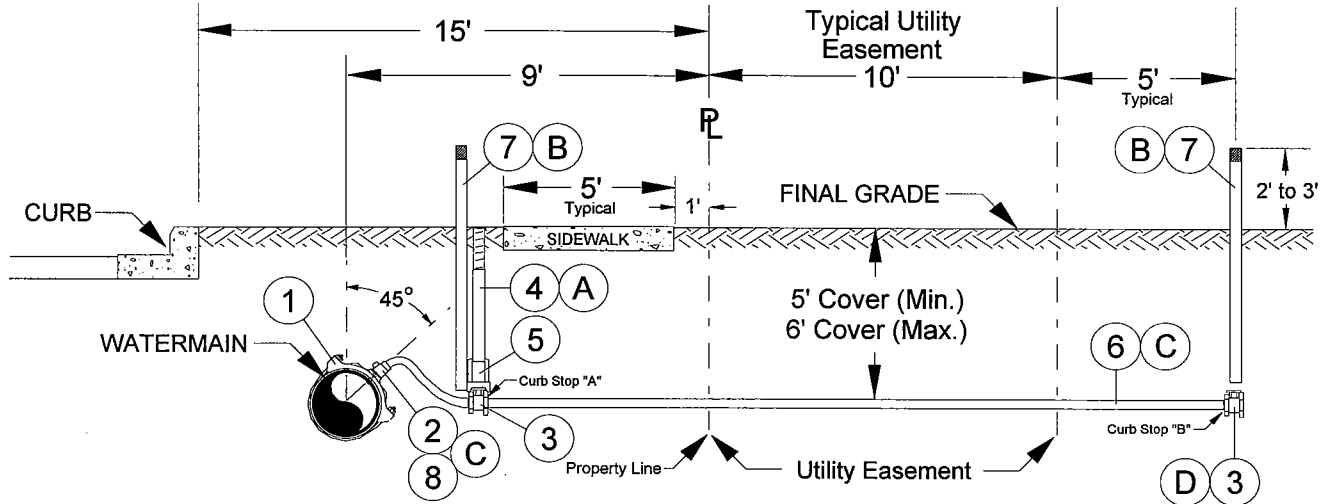


# Water T&D Construction Standard

## STANDARD SERVICE STUB INSTALLATION 1-1/2" & 2"

APPLICATION: Typical residential subdivision service stub installation for 1-1/2" & 2" service lines.



### INSTALLATION NOTES

- Curb stops shall not be installed within the area designated for driveway. If driveway area has been identified, no curb stop shall be located within this area.
- Curb stop "A" shall be installed at a burial depth of 5'. Incorrect burial depth shall be corrected.
- Service is to extend 5' beyond the utility easement.
- If no utility easement exists, Curb stop "B" shall not be installed. Corp. stop & Curb stop "A" are all that will be required for stub installations not crossing a utility easement.
- If area is undeveloped (no curbs or sidewalks), use hydrants as a reference for dimensions.
- Service stub installation shall include all documentation described in Standard W-03-0005.

- (A) After Curb box is installed, raise Curb box to final grade.
- (B) Install a 2" x 4" or 4" x 4" next to each Curb stop with the top extending 2' to 3' above final grade. The top of the stake must be painted blue.
- (C) The copper stub between the two curb stops will be pressurized to ensure that any damage to the stub will be recognized and repaired. Curb stop "A" will be left ON & Curb stop "B" will be OFF until the service is extended.
- (D) For service installation; remove Curb stop "B" and install a compression coupling to extend service to house.

MATERIAL FOR BOTH 1-1/2" & 2" SERVICES			
REF	ITEM	QTY	DESCRIPTION
①	30-22467	1	Saddle, Service 3" x 1-1/2"
	30-22623		Saddle, Service 4" x 1-1/2"
	30-22780		Saddle, Service 6" x 1-1/2"
	30-22889		Saddle, Service 8" x 1-1/2"
	30-22892		Saddle, Service 10" x 1-1/2"
	30-22904		Saddle, Service 12" x 1-1/2"
Size service saddle based on size of water main to be tapped.			

MATERIALS FOR 1-1/2" SERVICE			
REF	ITEM	QTY	DESCRIPTION
②	30-04245	1	Corp Stop, 1-1/2" CC x 1-1/2" CTS Comp
③	30-06728	2	Curb Stop, 1-1/2" CTS Comp. Both ends
④	30-00320	1	Curb Box Complete, (2.5" shaft)
⑤	30-00601	1	Curb box enlarged base
⑥	30-45387	As Req'd	Tube, Copper, Type K, 1-1/2" x 20'
⑦	Non-stock	2	4" x 4" or 2" x 4" Wood post

MATERIALS FOR 2" SERVICE			
REF	ITEM	QTY	DESCRIPTION
②	30-04401	1	Corp Stop, 1-1/2" CC x 2" CTS MIP
③	30-06801	2	Curb Stop, 2" CTS Comp. Both ends
④	30-00320	1	Curb Box Complete, (2.5" shaft)
⑤	30-00601	1	Curb box enlarged base
⑥	30-45402	As Req'd	Tube, Copper, Type K, 2" x 20'
⑦	Non-stock	2	4" x 4" or 2" x 4" Wood post
⑧	30-26928	1	Coupling, 2" CTS Comp. x 2" FIP

Manager, System Integrity & Customer Projects

*D. Wood*

Date: 10/25/02

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*B. J. McInnis*

Date: 10/28/02