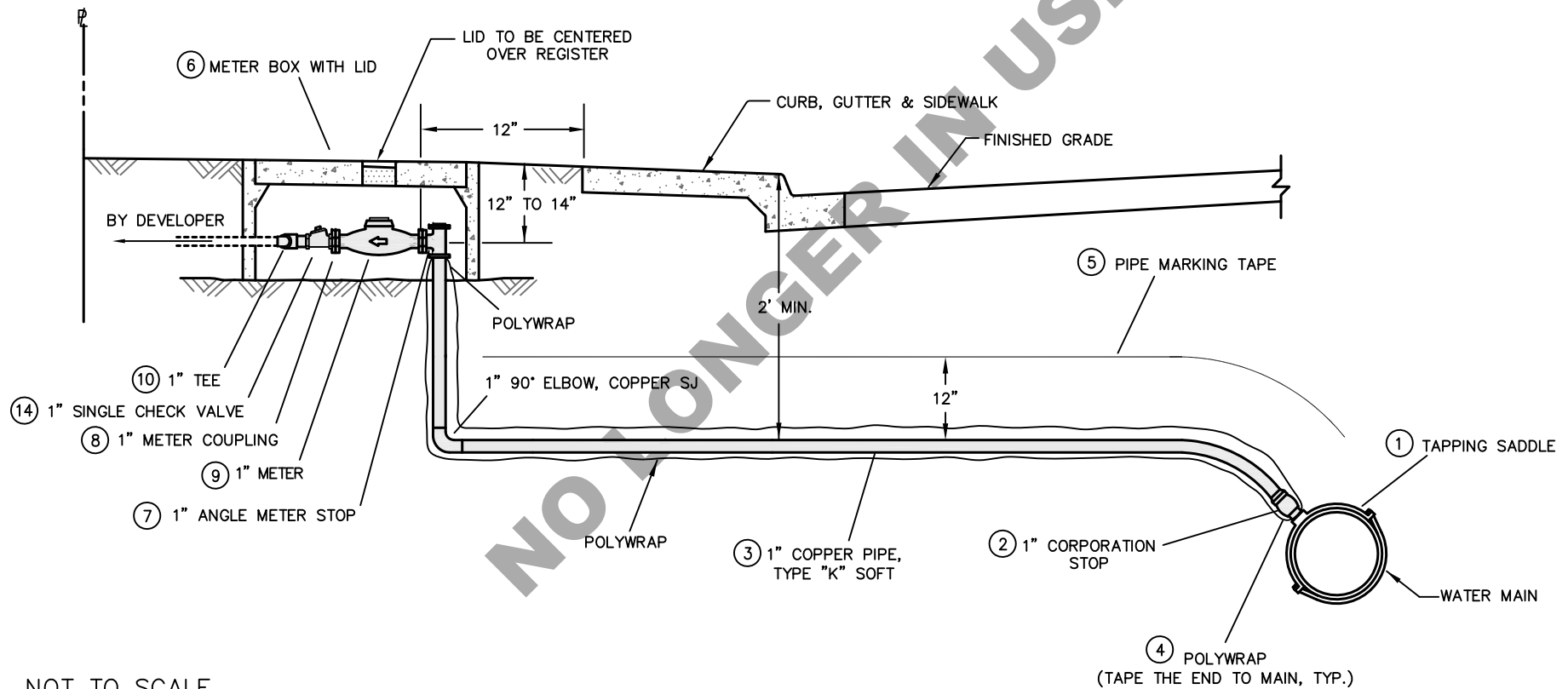


⊗ ATTACH TAGS FOR POTABLE WATER AND FIRE LINE
(AVAILABLE FOR PURCHASE FROM CITY)



NOT TO SCALE



Drawn By: D. LUU

Checked By: L. AU

Approved By: R. WILSON

Revised Date: OCTOBER 2011

Signature:

Director of
Water and Sewer Utilities

CITY OF SANTA CLARA
WATER DEPT. - STANDARD NO. 30

1" WATER SERVICE w/FIRE LINE

City of Santa Clara – Water & Sewer Utilities Department

Standard No. 30 – 1” Dual Water Service w/Fire Line – Material List

Domestic Products Only. Use no lead products and 316 stainless steel bolts, nuts, and washers.

Material	Description	Manufacturer	Model
1. Tapping Saddle	For PVC C900, bronze saddle, specified pipe size x 1” AWWA/CC Tap	Ford	202BS
	For ductile iron, cast iron, ACP: single strap bronze, specified pipe size x 1” AWWA/CC Tap	Ford	101B
		Mueller	BRIB
2. Corporation Stop	1” AWWA/CC thread inlet x compression outlet	Mueller	B-25008N
		Ford	FB-1000-4-G-NL
For locations requiring insulated corporation stops, use Mueller N-35008 insulated corp ball valve (per direction of City Facilities Technician)			
3. Copper Tubing	1” ASTM B88, type K soft rolled tubing		
4. Polywrap	Blue. 8 mil low density or 4 mil high density polyethylene film installed per AWWA C105. Tape the end to main.		
5. Pipe Marking Tape	Blue. 3” wide, 4 mil, non-detectable.		
6. Meter Box with Lid	Lid marked "water" or "water meter" 1” Compression inlet x FIP outlet.	Christy	B-36 box with B-36G lid
		Ford	BA41-444 W-G-NL
7. Angle Meter Stop	1” include gaskets.	Ford	C38-44-X-NL (X=to fit)
		Mueller	H-10871N
8. Meter Coupling	1” include gaskets.	Ford	C38-44-X-NL (X=to fit)
		Mueller	H-10871N
9. Water Meter & Register (manufacturer's test results are to be submitted with all meters).	1” meter and register. Provide Elster transmitter compatible encoded register with Nicor connector. All registers to be facing inlet and provide cubic feet reading.	Badger	1” Recordall M55
		Sensus	SR II
10. Tee	1” brass		
11. Street Elbow	1” brass		
12. Close Nipple	1” brass		
13. Ball Valve	1”	Ford	B11-444W
14. Single Check Valve	1” spring-load	Ford	HS11-444NL