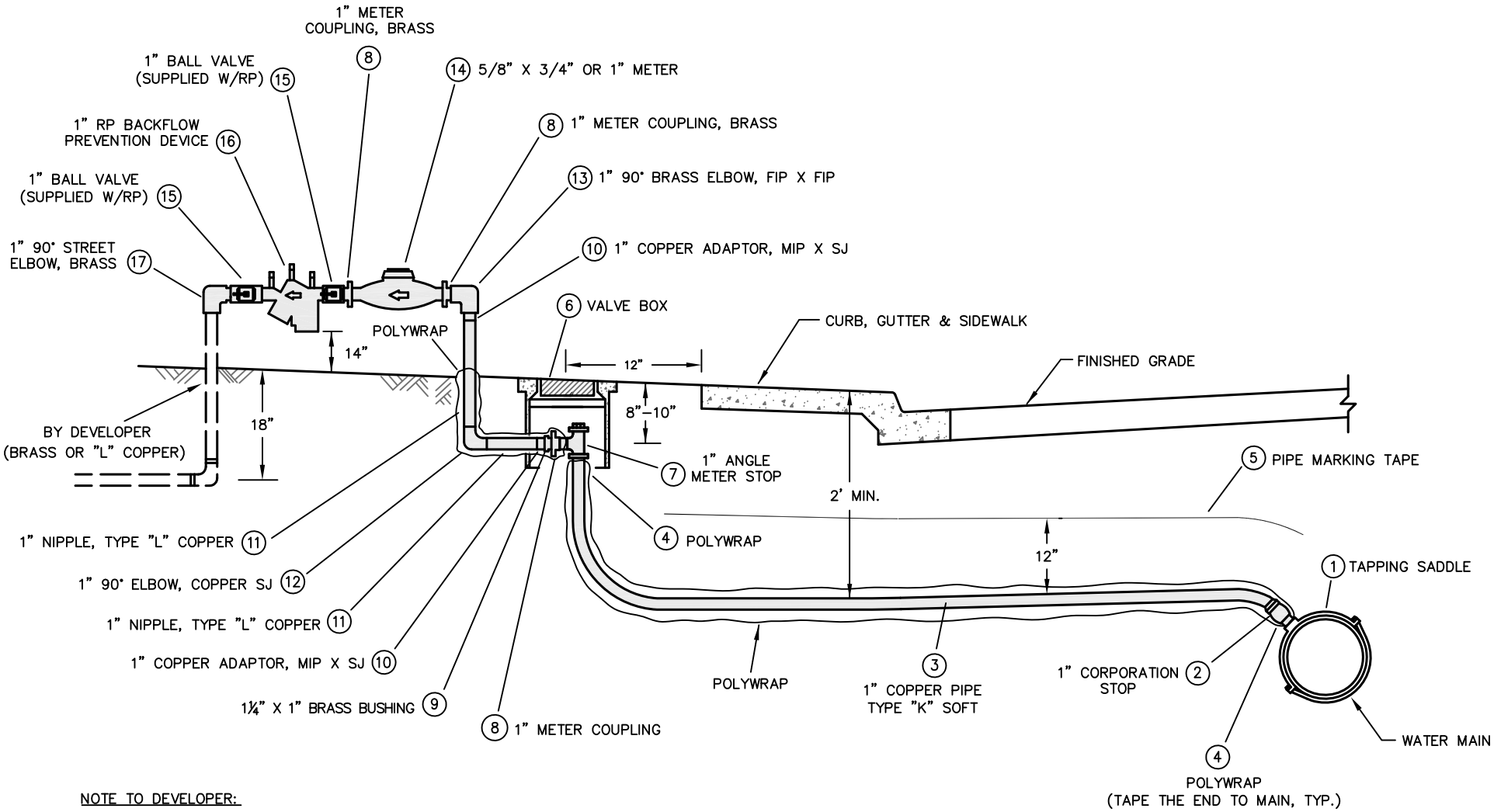

NOTE TO DEVELOPER:

KEEP METER & BACKFLOW INSTALLATION PLUMB AND LEVEL.

	Drawn By: D. LUU	Signature:	CITY OF SANTA CLARA WATER DEPT. - STANDARD NO. 3
	Checked By: L. AU	Director of Water and Sewer Utilities	
	Approved By: R. WILSON, R. ENOS		**5/8" & 1" WATER SERVICE W / RP**
	Revised Date: MARCH 2011		

City of Santa Clara – Water & Sewer Utilities Department

Standard No. 3 – 5/8” & 1” Water Service with RP – Material List

Domestic Products Only. Use no lead products for domestic water services.
Coat above ground water service with Dunn Edwards Paint #10-L, 11-789-04 Santa Clara Mission Sand, Syn Lustro

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. Valve Box with Lid	Lid marked "water" or “water meter”	Christy	G-5
7. Angle Meter Stop	1" Compression inlet x FIP outlet.	Ford	BA41-444 W-G-NL
8. Meter Coupling	1" Brass. Include gaskets.	Ford	C38-44-X-NL (X=to fit)
		Mueller	H-10871N
9. Meter Bushing	Brass. To adapt ¾” meter to 1” meter coupling	Mueller	H-10889N
		Ford	A34S-NL include gasket
10. 1" Copper Adapter	MIP x sweat joint (SJ)		
11. 1" Nipple	Type L rigid copper tubing; riser length to suit		
12. 1" 90 Degree Elbow	Copper sweat joint		
13. 1" 90 Degree Elbow	Brass, FIP x FIP		
14. Water Meter & Register (manufacturer's test results are to be submitted with all meters).	Provide Elster transmitter compatible encoded register with Nicor connector. All registers to be facing inlet and provide cubic feet reading. Use 316 stainless steel bolts to fit meter.		
	5/8" x 3/4" meter and register.	Badger	LP
	1" meter and register.	Badger	1" Recordall M55
		Sensus	SR II
15. 1" Ball Valve	supplied with RP		
16. 1" RP with Backflow Device		Wilkins	975XL (no lead)
17. 1" 90 Degree Elbow	Brass		