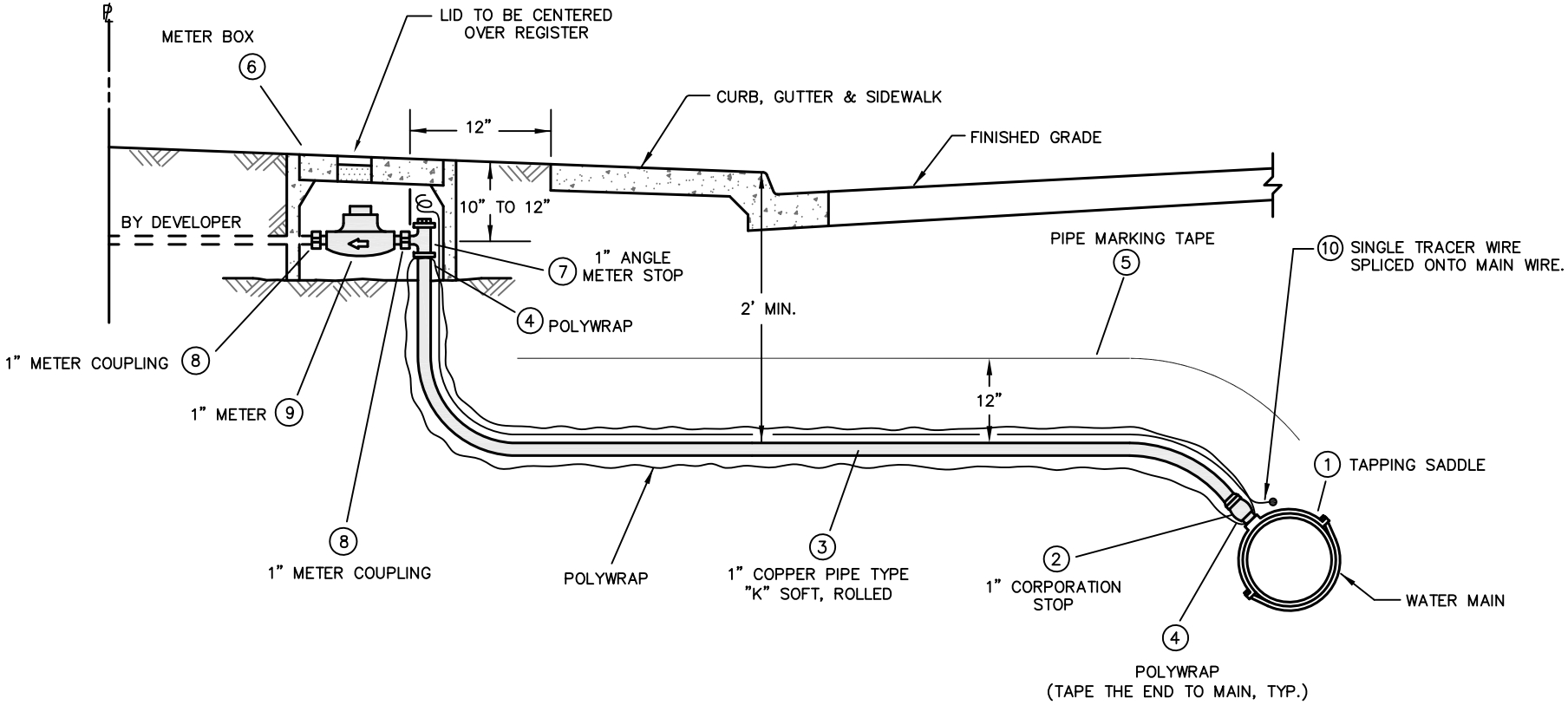

Drawn By: D. LUU	Signature:	CITY OF SANTA CLARA WATER DEPT. - STANDARD NO. **2**
Checked By: L. AU	Director of Water & Sewer Utilities	**1" RECYCLED WATER SERVICE**
Approved By: R. WILSON, R. ENOS		
Revised Date: MARCH 2011		

City of Santa Clara – Water & Sewer Utilities Department

Standard No. 2 – 1” Recycled Water Service – Material List

Domestic Products Only.

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-25008
		Ford	FB-1000-4-G
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	Purple. 8 mil low density or 4 mil high density polyethylene film installed per AWWA C105. Tape the end to main.		
5. Pipe Marking Tape	Purple. 3” wide, 4 mil, non-detectable.		
6. Meter Box with Lid	Lid marked “RECYCLED WATER”	Christy	B-16 box with B-16G lid
7. Angle Meter Stop	1" Compression inlet x FIP outlet. Flange should be marked "RECYCLED WATER"	Ford	BARW-444 W-G
8. Meter Coupling	1" include gaskets.	Ford	C38-44-X (X=to fit)
		Mueller	H-10871
9. Water Meter & Register (manufacturer's test results are to be submitted with all meters).	1" meter and purple recycled water register. 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.	Badger	1" Recordall M55
		Sensus	SR II
10. Trace Wire	RHW #12 AWG solid with 12" minimum slack inside all valve boxes.		