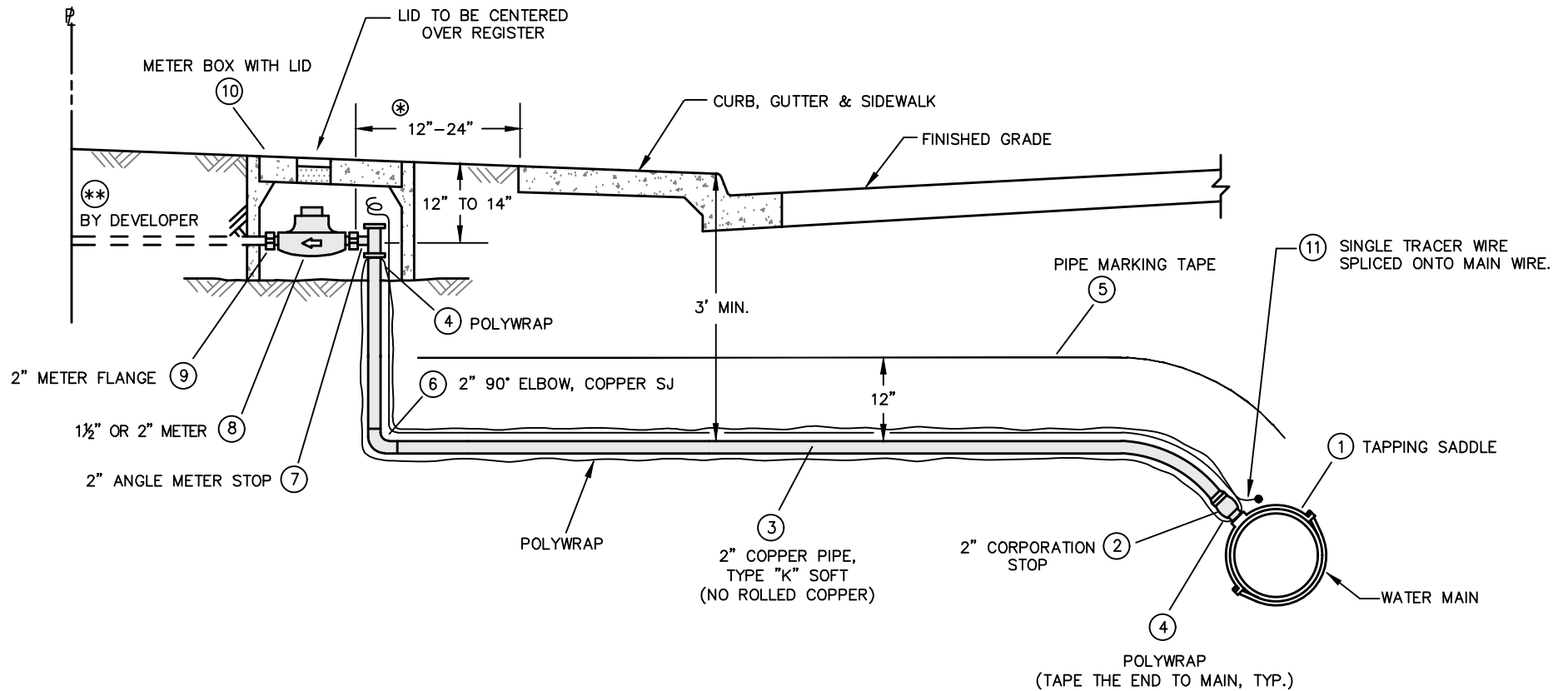


⊗ 12" FROM BACK OF WALK (FOR A 5' OR WIDER SIDEWALK)
 24" FROM BACK OF WALK (FOR A 4' SIDEWALK)



⊗⊗ NOTE TO DEVELOPER:

1. PRIVATE ABOVE GROUND RECYCLED WATER BACKFLOW SHALL BE PAINTED PURPLE COLOR (PANTONE 512).



Drawn By: DUC L.
 Checked By: TANISHA W. / JOHN S.
 Approved By: SHILPA M. / TERRY W.
 Revised Date: NOVEMBER 2017

Signature:

 Director of
 Water and Sewer Utilities

CITY OF SANTA CLARA
 WATER AND SEWER UTILITIES - STANDARD NO. 5

1 1/2" AND 2" RECYCLED WATER SERVICE

City of Santa Clara – Water and Sewer Utilities
Standard No. 5 – 1 1/2” and 2” Recycled Water Service – Material List

11/07/17 Revised Date

Domestic Products Only.

Material	Description	Manufacturer	Model
1. Tapping Saddle	For PVC C900, bronze saddle, specified pipe size x 2” AWWA/CC Tap	Ford	202BS
	For ductile iron, cast iron, ACP: single strap bronze, specified pipe size x 2” AWWA/CC Tap	Ford	202B
		Mueller	BR2B
2. Corporation Stop	2” AWWA/CC thread inlet x compression outlet	Mueller	B-25008N
		Ford	FB-1000-7-G
For locations requiring insulated corporation stops, use Mueller N-35008 insulated corp ball valve			
3. Copper Tubing	2” ASTM B88, type K. Straight lengths. No rolled copper.		
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. 2” 90 Degree Elbow	Copper sweat joint or Pack joint 90 compression fittings		
7. Angle Meter Stop	2” Compression inlet x meter flange outlet with 316 stainless steel bolts, nuts, and washers. Flange should be marked "RECYCLED WATER."	Ford	BFA43-777W-G
		Mueller	B-24276N
8. 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.		
	1-1/2” meter and register.	Badger	E-SERIES
	2” meter and register.	Badger	E-SERIES
9. Meter Flange	2” brass to accept 1-1/2” meters or 2” meters		
	1-1/2” meter – 1/8” thick, 2-hole full face gasket EPDM rubber with 5/8” x 2-1/2” hex head, 316 stainless steel bolts, nuts, and washers	Calpico Style 60	
	2” meter – 1/8” thick, 2-hole full face gasket EPDM rubber with 3/4” x 2-1/2” hex head, 316 stainless steel bolts, nuts, and washers	Calpico Style 60	
10. Meter Box with Lid	Purple Lid marked "RECYCLED" or "RECYCLED WATER”	Christy	B-36 box with lid no. B36G
11. Tracer Wire	RHW #12 AWG solid with 12” minimum slack inside all valve boxes.		