



**NOTE:**

- ⊗ 12" FROM BACK OF WALK (FOR A 5' OR WIDER SIDEWALK)
- 24" FROM BACK OF WALK (FOR A 4' SIDEWALK)
- METER CANNOT BE INSTALLED IN DRIVEWAYS OR ANY CONCRETE AREAS (SIDEWALK, ETC.)
- METER TO BE INSTALLED IN LANDSCAPE STRIP WHENEVER AVAILABLE



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 Revised Date: 2/1/2023

Signature: *[Handwritten Signature]*  
 Director of  
 Water and Sewer Utilities

CITY OF SANTA CLARA  
 WATER AND SEWER UTILITIES - STANDARD NO. 1

**1" WATER SERVICE**

**Standard No. 1 – 1” Water Service – Material List**

**Domestic Products Only. Use no lead products for domestic water services.**

<b>Material</b>	<b>Description</b>	<b>Manufacturer</b>	<b>Model</b>
<b>1. Tapping Saddle</b>	For PVC C900, bronze saddle, specified pipe size x 1” AWWA/CC Tap	Ford Mueller	202BS BR2S
	For ductile iron, cast iron, ACP: Double strap bronze, specified pipe size x 1” AWWA/CC Tap	Ford Mueller	202B BR2B
<b>2. Corporation Stop</b>	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			
<b>3. Copper Tubing</b>	1" ASTM B88, type K soft rolled tubing		
<b>4. Polywrap</b>	Blue. 8 mil low density or 4 mil high density polyethylene film installed per AWWA C105. Tape the end to main.		
<b>5. Pipe Marking Tape</b>	Blue. 3” wide, 4 mil, non-detectable.		
<b>6. Meter Box with Lid</b>	Lid marked "Water" or “Water Meter”	Christy	B-16 box with B-16G lid
<b>7. Angle Meter Stop</b>	1" Compression inlet x FIP outlet.	Ford	BA41-444 W-G-NL
		Mueller	B-24274N
<b>8. Meter Coupling</b>	1" include gaskets.	Ford	C38-44-X-NL (X=to fit)
		Mueller	H-10871N
<b>9. Meter Bushing</b>	Brass. To adapt to 1” meter coupling	Mueller	H-10889N
		Ford	A34S-NL include gasket
<b>10. Water Meter &amp; Register</b> (manufacturer's test results are to be submitted with all meters).	Provide encoded meter register with Nicor connector. Register shall be compatible with Elster transmitter. All registers to be facing inlet and provide cubic feet reading.		
	1" meter and register.	Badger Mueller	E-SERIES Aquaient Ultrasonic
<b>11. Meter Coupling</b>	Include gaskets	1" - Ford	C38-44-2