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Director of Water and Sewer Utilities

CITY OF SANTA CLARA
WATER AND SEWER UTILITIES - STANDARD NO. 25

BLOW-OFF ASSEMBLY

City of Santa Clara – Water and Sewer Utilities
Standard No. 25 – Blow Off Assembly – Material List

05/17/18 Updated Date

Domestic Products Only.

Use no lead products for domestic water services.

For potable water, coat above ground water service with Dunn Edwards Paint #10-L, 11-789-04 Santa Clara Mission Sand, Syn Lustrro

For recycled water, paint items 6 - 9, purple (Pantone 512)

Material	Description	Manufacturer	Model
1. Traffic Valve Box & Extension	Traffic valve box with lid. For potable water, lid shall be marked "WATER". For recycled water, provide purple lid marked "CSC-RW".	Tyler Union	G5
	Extension - 8" PVC SDR 35, single piece cut to proper length.		
2. Copper Tubing	2" ASTM B88, type K. Straight lengths. No rolled copper.		
3. Thrust Block	See City Standard No. 21		
4. 2" 90 Degree Elbow	Copper sweat joint or Pack joint coupling	Ford	L-44-77
5. Polywrap	For potable water, use blue. For recycled water, use purple. 8 mil low density or 4 mil high density polyethylene film installed per AWWA C105. Tape the ends to pipe with 10 mil tape.		
6. Adapter	2" copper adapter, SJ x MIP		
7. Pipe	Size and type as specified. -Ductile iron, cement lined Class 50. Protect with polywrap for underground pipe.	US Pipe Pacific States	
	-PVC. C900. DR-14.	JM Eagle Certainteed	
8. Cap & Plug	Push on or mechanical joint with 2" IPS Tap	US Pipe Tyler Union	
9. Pipe Marking Tape	For potable water, use blue. For recycled water, use purple. 3" wide, 4 mil, non-detectable.		
10. Tracer Wire	RHW #12 AWG solid with 12" minimum slack inside all valve boxes.		
11. Blow Off Valve	2" Ball Valve	Kupferles	TF550