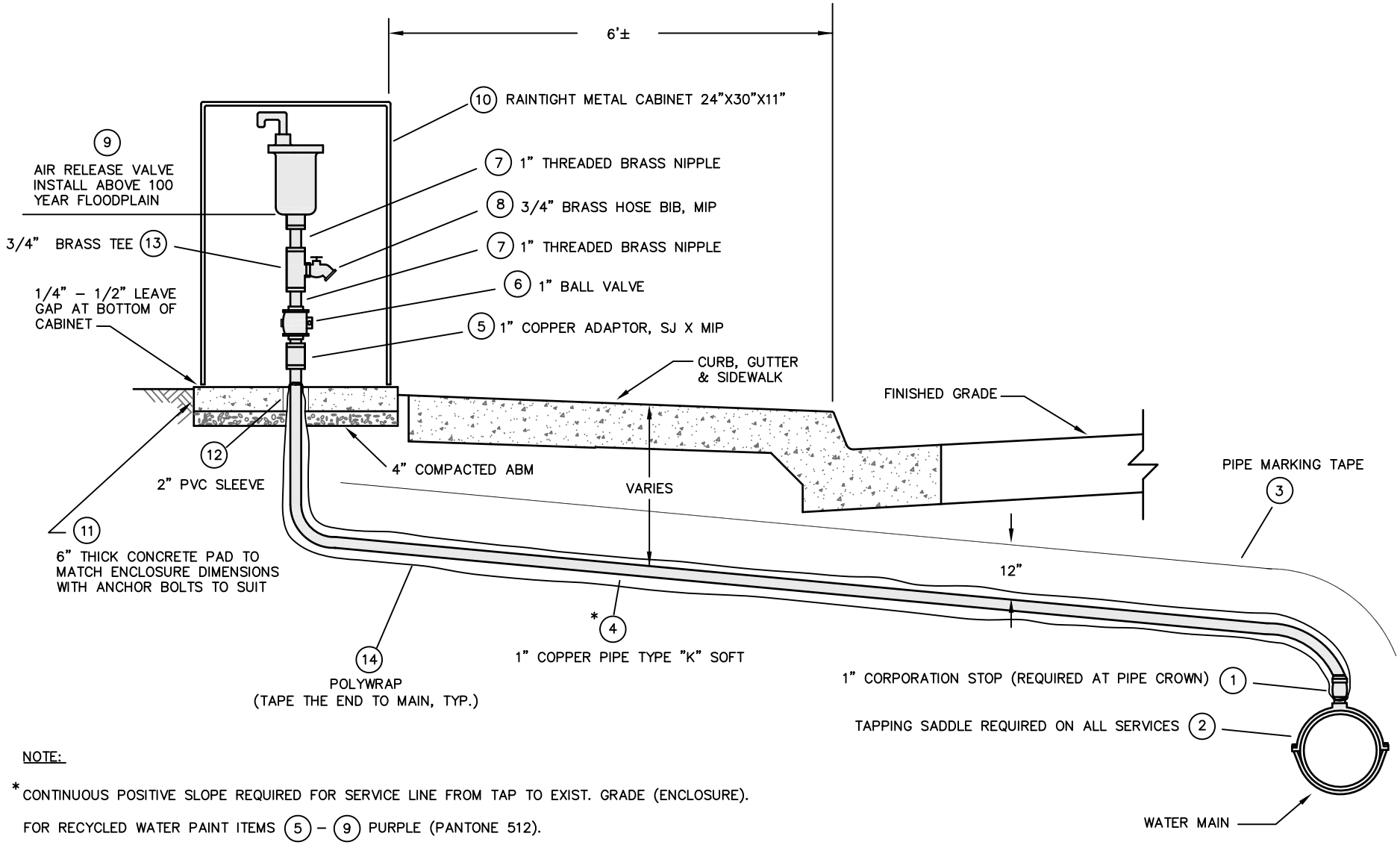

NOTE:

*CONTINUOUS POSITIVE SLOPE REQUIRED FOR SERVICE LINE FROM TAP TO EXIST. GRADE (ENCLOSURE).

FOR RECYCLED WATER PAINT ITEMS (5) – (9) PURPLE (PANTONE 512).

Drawn By: D. LUU	Signature:	CITY OF SANTA CLARA WATER DEPT. - STANDARD NO. **24**
Checked By: L. AU	Director of Water and Sewer Utilities	**AIR RELEASE VALVE**
Approved By: R. WILSON, R. ENOS		
Revised Date: MARCH 2011		

City of Santa Clara – Water & Sewer Utilities Department

Standard No. 24 – Air Release Valve – Material List

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 Lustro
For recycled water, paint items 5 - 9, purple (Pantone 512)

Material	Description	Manufacturer	Model
1. Corporation Stop	1" AWWA/CC thread inlet x compression outlet	Mueller	B-25008N
		Ford	FB-1000-4-G-NL
2. 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
3. Pipe Marking Tape	For potable water, use blue. For recycled water, use purple. 3" wide, 4 mil, non-detectable.		
4. Copper Tubing	1" ASTM B88, type K soft rolled tubing		
5. Copper Adapter	1" Adapter, SJ x MIP		
6. Ball Valve	1" brass.	Ford	B11-444 (NL)
7. Nipple	1" threaded brass		
8. Hose Bib	3/4" brass, MIP		
9. Air Release Valve	3/4"	Crispin	Multiplex M8
	Install above 100 year floodplain	Apco	#50 or #65
10. Metal Cabinet	Rain tight for outside use. 24" wide x 30" high x 11" deep. Powder coated Mission Sand color for all applications (Dunn-Edwards Santa Clara Mission Sand #10-L 11-789-04, Syn Lustro)	Advantage Metal Products	
11. Concrete Pad	6" thick to match enclosure dimensions with anchor bolts to suit		
12. Sleeve	2" PVC sleeve		
13. Tee	3/4" brass		
14. 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 end to pipe.		