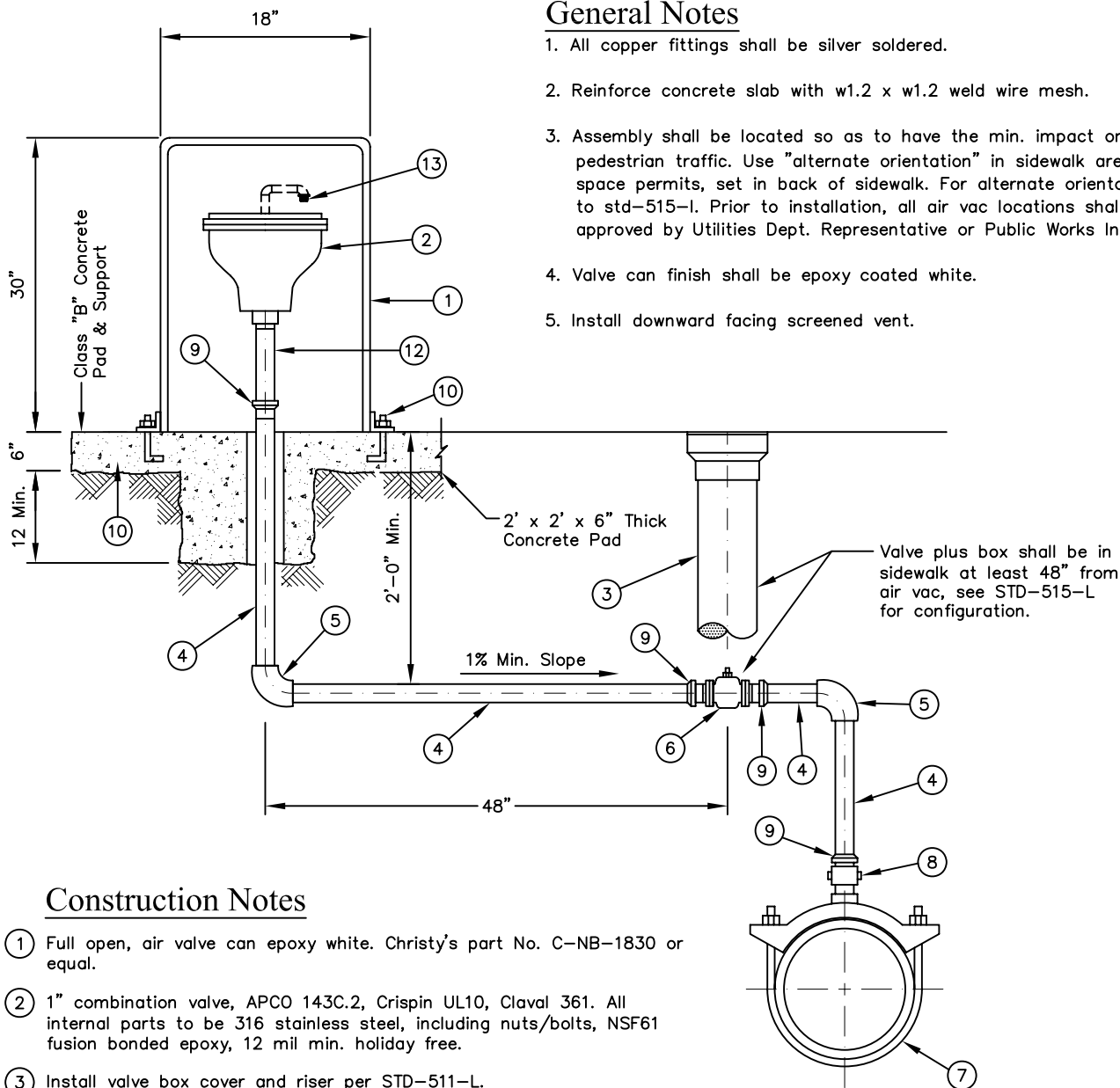


General Notes

1. All copper fittings shall be silver soldered.
2. Reinforce concrete slab with w1.2 x w1.2 weld wire mesh.
3. Assembly shall be located so as to have the min. impact on pedestrian traffic. Use "alternate orientation" in sidewalk areas. Where space permits, set in back of sidewalk. For alternate orientation, refer to std-515-L. Prior to installation, all air vac locations shall be approved by Utilities Dept. Representative or Public Works Inspector.
4. Valve can finish shall be epoxy coated white.
5. Install downward facing screened vent.



Construction Notes

- 1 Full open, air valve can epoxy white. Christy's part No. C-NB-1830 or equal.
- 2 1" combination valve, APCO 143C.2, Crispin UL10, Claval 361. All internal parts to be 316 stainless steel, including nuts/bolts, NSF61 fusion bonded epoxy, 12 mil min. holiday free.
- 3 Install valve box cover and riser per STD-511-L.
- 4 Install 1" copper tubing type "K"
- 5 Install 1" 90° wrought copper elbow.
- 6 Install 1" bronze ball valve, Jones J-1995 with J-1901W 2" square operating nut.
- 7 Install bronze double strap service saddle, Jones J-979 or Ford F101B with I.P. thread.
- 8 Install 1" corp. stop, IP thread Inlet x FIP Outlet, Jones J-1500.
- 9 Install wrought female adapter. (Copper x Female NPT).
- 10 Install 1/2" diameter stainless steel anchor bolts set in concrete slab.
- 11 Install 1" threaded brass nipple, MIP, meter flange one end.
- 12 Install 1" schedule 40 P.V.C. threaded nipple, MIP.
- 13 Screened outlet.

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

1" Combination Air-Release Valve Assembly

Drawn: M. Elias

Scale: N.T.S.

Date: May 2006

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DRAWING NO.

STD-515-L-A