



"ALTERNATE ORIENTATION"

"PREFERRED ORIENTATION"

2" x 2" x 1/4" Angle, 3" wide.

Construction Notes:

- ① Full open air valve can epoxy white. Christy's C-NB-1830 or equal..
- ② 2" Combination valve, APCO 145.2, ClaVal 362, Crispin UL20. All internal parts to be 316 stainless steel, including nuts/bolts, NSF61 fusion bonded epoxy, 12 mil min. holiday free.
- ③ Valve box, cover and riser per STD-511-L.
- ④ 2" Copper tubing type "K."
- ⑤ 2" 90° wrought copper elbow.
- ⑥ 2" Bronze ball valve, Jones J-1955 w/J-2816 nut.
- ⑦ Bronze double strap service saddle, Jones J-979 or Ford F202Bwith I.P. thread.
- ⑧ 2" Corp. stop, I.P. thread inlet x FIP outlet, Jones J-1943.
- ⑨ Wrought female adapter. Copper x female NPT.

- ⑩ 1/2" Diameter stainless steel anchor bolts set in concrete slab.
- ⑪ 2" Threaded brass nipple, MIP, meter flange one end.
- ⑫ 2" Schedule 80 P.V.C. threaded nipple, MIP, Meter flange one end.
- ⑬ Screened outlet

General Notes:

1. All copper fitting 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 minimum impact on pedestrian traffic. Use "Alternate Orientation" in sidewalk areas. Where space permits, set in back of sidewalk. 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.

CITY OF NEWPORT BEACH
PUBLIC WORKS DEPARTMENT

2" COMBINATION AIR RELEASE VALVE ASSEMBLY

APPROVED:

PUBLIC WORKS DIRECTOR

RCE NO. 36106

Drawn: M. Elias

Date: May 2006

Scale: N.T.S.

FAUSERS\FBW\Shared\CAD STD
STD Details\2003 Std\STD Water

DRAWING NO.

STD-515-L