



CONSTRUCTION NOTES

- ① ARMORCAST P6002003 ENCLOSURE OR APPROVED EQUAL. REQUEST COLOR: GRANITE (LIGHT GRAY) FROM MANUFACTURER (ARMORCAST).
- ② 1" COMBINATION VALVE, ARI PART #D-040-C COMBINATION AIR VALVE WITH SCREEN AND DUCTILE IRON SHELL.
- ③ INSTALL VALVE BOX COVER AND RISER PER STD 513.
- 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 F202B WITH C.C. THREADS. WRAP IN (10 MIL) THICK PLASTIC SHEETING.
- 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, USA.
- ⑫ OUTLET MUST BE SCREENED.

GENERAL NOTES

- 1. ALL COPPER FITTINGS SHALL BE SILVER SOLDERED. CONCRETE SHALL BE 560-C-3250.
- 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 517-B. PRIOR TO INSTALLATION, ALL AIR VAC LOCATIONS SHALL BE APPROVED BY UTILITIES DEPARTMENT OR PUBLIC WORKS INSPECTOR.
- 4. VALVE CAN FINISH SHALL BE EPOXY COATED WHITE.
- 5. INSTALL DOWNWARD FACING SCREENED VENT.

FORMER CITY STANDARD PLAN NUMBER (2004 EDITION): STD 515-L-A

APP. *James M. Hinkle* 51568 11/24/2020
 CITY ENGINEER RCE DATE

NO.	DATE	DESCRIPTION OF REVISIONS

CITY OF NEWPORT BEACH DEPARTMENT OF PUBLIC WORKS

DRAWN: M. ELIAS
 DATE: 11/3/2020

1" COMBINATION AIR-RELEASE VALVE ASSEMBLY

STANDARD DRAWING NO.
517-A
 SHEET 1 OF 1