



SECTION

**GENERAL NOTES:**

1. INSTALLATION SHALL GENERALLY BE FOR A MAIN-LINE 16" AND SMALLER (1" AIR RELEASE VALVE SHOWN). INSTALLATION OF OTHER SIZED VALVES IS SIMILAR.
2. VALVE VAULT SHALL BE TYPE "D", SEE DETAIL 294. SET TOP OF VAULT SLIGHTLY HIGHER THAN SURROUNDING GROUND OR AT CURB LEVEL.
3. VALVE AND PIPE SIZES AS SPECIFIED.
4. WHERE TOP OUTLET FITTING IS NOT PROVIDED BY MANUFACTURER, PROVIDE TAPPING SADDLE TO SIZE OF AIR VALVE.

**CONSTRUCTION KEY NOTES:**

- A. MAINLINE, SIZE AS SPECIFIED.
- B. 1" COPPER PIPE.
- C. 1" FLARED BRONZE 90° ELBOW.
- D. ANCHOR PIPING TO VALVE VAULT WITH 3"x3"x1/4" ANGLE & 3/8"Ø STRAP.
- E. 1" FLARED BY MALE THREADED BRONZE COUPLING.
- F. 1" FEMALE THREADED BRASS BALL VALVE.
- G. 1" MALE THREADED BRASS NIPPLE.
- H. 1/2" MALE THREADED BRASS NIPPLE.
- I. 1/2" FEMALE THREADED BRONZE 90° ELBOW.
- J. AIR RELEASE VALVE, SIZE AS SPECIFIED.
- K. 1" FEMALE THREADED BRONZE 90° ELBOW.
- L. VALVES INSTALLED WITH CONCRETE SUPPORTS AS REQUIRED.
- M. GRAVEL FILL.

STANDARD  
DETAIL

DATE: 10/1994  
REV: 10/17/2008

COMBINATION AIR RELEASE VALVE FOR LINES  
16" AND SMALLER  
BEHIND CURB INSTALLATION

N.T.S.



DETAIL No.  
263-1