GENERAL NOTES:
1. INSTALLATION SHALL GENERALLY BE FOR A MAIN-LINE 20" AND
   LARGER (6" COMBINATION AIR VALVE SHOWN). INSTALLATION OF
   OTHER SIZED VALVES IS SIMILAR.
2. PRE-CAST MANHOLE SECTIONS SHALL BE OF REINFORCED CONCRETE
   CONFORMING TO ASTM C-478 AND SHALL MEET HS-20 LOADING.
   PROVIDE REINFORCEMENT WITHIN 3" OPENINGS OR KNOCKOUTS,
   OPENINGS (UP TO 8") MADE IN FIELD SHALL BE CORE DRILLED.
3. MANUFACTURER TO PROVIDE LIFTERS OF ADEQUATE SIZE AS NEEDED.
4. ECCENTRIC/CONCENTRIC LID (ECCENTRIC SHOWN), 8" THICK (SEE
   DETAIL 379-1).
5. VALVE AND PIPE SIZES AS SPECIFIED.
6. WHERE TOP OUTLET FITTING IS NOT PROVIDED BY MANUFACTURER,
   PROVIDE TAPPING SLEEVE (DRY TAP MAIN LINE) WITH VERTICAL
   FLANGE TO SIZE OF AIR VALVE.
7. WHEN INSTALLATION IS WITHIN TXDOT R.O.W., VENT PIPE SHALL
   BE LOCATED 6" FROM TXDOT R.O.W. VENT PIPE SHALL NOT BE PLACED IN
   SIDEWALK AREA.
8. AIR VENT PIPING (SIZE AS REQUIRED PER COMBINATION AIR VALVE)
   TO BE SCHEDULE 40 WELDED STEEL WITH FORGED STEEL WELD
   FITTINGS. BURIED VENT PIPING SHALL HAVE 2 COATS OF EPOXY
   POLYAMIDE COATING. ABOVE GROUND PIPING TO BE PRIMED AND
   PAINTED BLUE (PURPLE FOR RECLAIMED) WITH A SEMI-GLOSS ENAMEL
   AND LABELED "EPWU" WITH 3-INCH HIGH WHITE LETTERS.
9. AIR VENT PIPING SHALL BE LOCATED CLEAR OF PAVED ROADS.
10. PRE-CAST CONCRETE MANHOLE SHALL NOT REST ON PIPE.
11. 12"x24" FOOTING WITH NO.5 REBAR AT 12" ON CENTER EACH WAY IS
    REQUIRED.

CONSTRUCTION KEY NOTES:
A. MANHOLE RING AND COVER (SEE DETAILS 377 & 378). SET FRAME
   AND COVER FLUSH WITH ROADWAY SURFACE OR FINISHED GRADE (SEE
   DETAIL 185).
B. COMBINATION AIR VALVE, SIZE AS SPECIFIED.
C. 6" FLANGED 90° BEND.
D. 6" FLANGED SPOOL.
E. 6" DRESSER COUPLING (ROMAC 501 OR APPROVED EQUAL).
F. 6" FLANGED BUTTERFLY VALVE WITH VERTICAL OPERATING NUT.
G. AIR RELEASE PIPING, SEE DET 263-6.
H. MAINLINE, SIZE AS SPECIFIED.
I. PIPE WALL SLEEVE (LINK SEAL OR EQUAL).
J. BREAK-A-WAY COUPLING, SEE DET 263-5.
K. INSECT SCREEN.
L. ANCHOR PIPING TO VALVE PAVILION WITH 3"x3"x¾" ANGLE & ½"
   STRAP.
M. 6" PLAIN END BY PLAIN END SCHEDULE 40 STEEL PIPE (GALVANIZED
   NOT ALLOWED).
N. 6" STEEL 90° BEND WELDED.
O. 6" PLAIN END BY THREADED MALE SCHEDULE 40 STEEL PIPE
   (GALVANIZED NOT ALLOWED).