



MATERIALS:

- A. 1" TANK VENT WITH MSA VENT CAP
- B. 1" GALVANIZED VENT PIPE
- C. POLYETHYLENE MALE COUPLING 1" I.P. X 3/8" BARB INSERT
- D. 3/8" THICK-WALL POLYETHYLENE ("FUNNY" PIPE)
- E. 1" COMBINATION AIR VALVE, ARI MODEL D-040-C
- F. 1" X 6" BRASS NIPPLE
- G. 1" INLINE BRASS FULL BALL VALVE
- H. HUBBELL QUAZITE B03173012M OR DFW 1730C4-12 BOX. PROVIDE ARV COVER PW/3618 (F36) DROP LID.
- I. 1" GALVANIZED TEE
- J. 1" BRASS 90° ELL
- K. 1" BRASS COUPLING
- L. 1" DOMESTIC COPPER SOFT K-TYPE SLOPED AT 1% MINIMUM UP FROM MAIN
- M. 1" OFF CORP. BRASS 90° ELL
- N. 1" BALL CORP. STOP MUELLER B-25008 OR FORD FB1000Q1.
- O. 3/4"-0" GRANULAR MATERIAL
- P. 1" GALVANIZED CAP
- Q. AIR VENT TUBE PW/AV18-MS

NOTES:

1. ALL PIPE, STRUCTURE ZONES AND APPURTENANCES SHALL BE BACKFILLED USING 3/4"-0" GRANULAR MATERIAL AND COMPACTED TO 95% MAX. DENS. AS DETERMINED BY ASHTO T-180.
2. (UNDEVELOPED) INSTALL BLUE-COLORED CARSONITE STAKE WITH "AIR RELEASE VALVE" IN ONE-INCH BLACK LETTERS ON BOTH SIDES. LOCATE POST WITHIN 3 FEET OF THE AIR RELEASE METER BOX.

Public Works Standard Drawings

1" COMBINATION AIR RELEASE & VACUUM VALVE DETAIL

SCALE NTS

DATE MAY '24 REV. 1

ENGR. DW DRAWN KAE

DRAWING NO. 417

