

4'x5' TRAFFIC VAULT NECK WITH CONCRETE COVER

MODEL K45-VN12-11

EDISON SPEC. UGS VA470 AND VA660

NOTES:

STRUCTURE DESIGNED IN ACCORDANCE WITH:

AASHTO H-20 TRAFFIC BRIDGE LOADING

ASTM C-857 STANDARD PRACTICE FOR MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES

AMERICAN CONCRETE INSTITUTE ACI 318-05

CONCRETE COMPRESSIVE STRENGTH $F'_c = 5500$ PSI

REINFORCEMENT IN ACCORDANCE WITH ASTM A-706 WITH A YIELD STRENGTH OF $F_y = 60,000$ PSI.

ORDERING INFORMATION:

TRAFFIC ASSEMBLY W/CAST IRON COVER K45-VN12-11T
PARKWAY ASSEMBLY W/RPM COVER K45-VN12-11P

1. VN45-N12-11, 12" NECK SECTION.
2. VN45-T8-11, 8" COVER SLAB WITH CAST-IN 30" DIA. RING SURFACE TO BE DIAMOND PLATE IMPRINT.
3. 30" DIA. CAST IRON COVER MARKED "EDISON".
4. 3/8" x 8" EXPANDED FELT.
5. 3/4" COIL THREADED ADJUSTING BOLT HOLE x 10 1/2" LONG.
6. 3/4" DIA. GALV STRESS RELIEVED LADDER RUNG W/ (2) 1/4" THK x 2" OD WASHERS.
7. BOLT CLEANOUT HOLE.
8. 4 TON x 4 3/4" GALV RISS ANCHOR.

*EXTENSIONS ARE AVAILABLE IN THE FOLLOWING SIZES:

- A) 6" EXTENSION SECTION, WT. 1,125 lbs.
- B) 12" EXTENSION SECTION, WT. 2,225 lbs.

