

# 7'-0" x 8'-0" EDISON TUNNEL VAULT x 16', 20' & 24' LONG

**NOTES:**

- DESIGNED IN ACCORDANCE WITH AASHTO H-20-44 BRIDGE LOADING USING 5,500 PSI CONCRETE COMPRESSIVE STRENGTH AND 60,000 PSI YIELD STRENGTH GRADE 60 ASTM A-706 STEEL REINFORCEMENT.

- VAULT TO BE PLACED ON A 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.

- LIMIT OF COVER OVER ROOF SECTION IS 1'-6" TO 4'-0".

- ALL WALLS AND CEILING SHALL BE PAINTED WHITE.

- STRUCTURAL DESIGN APPROVED BY LOS ANGELES COUNTY ROAD AND BRIDGE DEPARTMENT.

**THE FOLLOWING MATERIAL TO BE SHIPPED WITH VAULT:**

- (a) 1/2" x 6" GALV. "J" BOLTS (4 REQ'D.)
- (b) 18 HOLE CABLE RACKS (9 REQ'D.), CABLE RACKS SHALL BE ATTACHED TO END & SIDE WALLS AT MIDDLE & BOTTOM ROW OF 1/2" INSERTS PROVIDED.
- (c) 1/2" x 2 1/2" S.S.H.H. BOLTS & WASHER. (18 REQ'D.)
- (d) 7/8" x 1 3/4" CONSEAL GASKET (180 FT. REQ'D.).
- (e) 3/4" x 20 BOLT COIL PVD (16 REQ'D)
- (f) 3/4" NUT HEX COIL PVD W/WASHER (32 REQ'D.).

**ORDERING INFORMATION:**

K78-TV16-11 FOR ASSEMBLY AS SHOWN.  
PER EDISON SPEC. UGS 400 V-17.  
TOTAL ASSEMBLY WEIGHT AS SHOWN 50,810#.

1. T/78-E18-1, END SECTION. WT. 8,549 Lbs. (2) REQ'D.
2. T/78-R36-11, EXTENSION SECTION. WT. 8,500 Lbs. (2) REQ'D. (2) REQ'D.
3. T/78-C84-11, CENTER SECTION. WT. 19,861 Lbs. 13" x 14" DIA. SUMP x 3" DEEP W/RECESS. LOCATE AS FOLLOWS: CENTER SECTION (1).
5. 5" DIA. TERMINATORS LOCATE AS FOLLOWS: END SECTION (24) EACH. 1" DIA. SCH. 40 PVC CONDUIT x 6" LONG END SECTION (2) PLACES. 12" x 18" UNREINFORCED PANEL. LOCATE AS FOLLOWS: END SECTION (2) EACH.
7. 2.83" WIDE x 1.41" DEEP "V" SHAPED DRAIN THROUGH. 10" DIA. x 4" DEEP ABS PLASTIC VENT TERMINATOR. LOCATE AS FOLLOWS: END SECTION (1) EACH.
9. 7/8" x 6" GALV. PULL IRON. LOCATE AS FOLLOWS: END SECTION (4) EACH.
10. 1/2" THREADED BRONZE INSERT BRAZED TO STRUCTURAL STEEL REBAR. "GRD" SHALL BE STENCILED IN RED LETTERS (1 1/2" MIN. 2" MAX.) ON THE CONCRETE ABOVE EACH INSERT. LOCATE AS FOLLOWS: END SECTION (2) EACH ; EXTENSION SECTION (2) EACH MTD.; CENTER SECTION (2).
11. 1/2" P-36-T INSERT. LOCATE AS FOLLOWS: END SECTION (2) EACH; EXTENSION SECTION (2) EACH ; CENTER SECTION (2) EACH.
12. 1/2" PLASTIC INSERT LOCATE AS FOLLOWS: END SECTION (2) EACH; EXTENSION SECTION (6) EACH ; CENTER SECTION (9) EACH.
13. 1" DOUBLE COIL THRD. INSERT. LOCATE AS FOLLOWS: CENTER SECTION (1).
14. 1" SINGLE COIL THRD. INSERT. LOCATE AS FOLLOWS: SECTION (2) EACH, EXTENSION SECTION (2) EACH; CENTER SECTION (2).

