5'–0" x 10'–6" EDISON MANHOLE x 84" DEEP

NOTES:

- MANHOLE DESIGNED IN ACCORDANCE WITH AASHTO H–20–44 TRAFFIC BRIDGE LOADING USING 5,500 PSI [37.92MPa] COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI [413.2MPa] YIELD STRENGTH ASTM A–706 STEEL REINFORCEMENT PER CALCS. #31036.
- MANHOLE TO BE PLACED ON A MIN. 6" CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
- LIMIT OF COVER OVER TOP SECTION IS 1'–6" TO 4'–0".
- INSIDE WALL AND CEILING TO BE PAINTED WHITE.

1. UV5106–B42–11, 42" BOTTOM SECTON, WT. 14,778 lbs.
2. UV5106–T42–11M, 42" TOP SECTION, WT. 14,151 lbs.
3. 13" DIA. x 12" DIA. SUMP x 4 1/2" DEEP, LOCATE AS FOLLOWS: BOTTOM SECTION (1) CORE MTD.
4. 5" DIA. TERMINATORS WITH LOCATOR FOR 6" WALLS, LOCATE AS FOLLOWS: BOTTOM SECTION (24) SHELL MTD.; TOP SECTION (8) SHELL MTD.
5. 7/8" DIA. x 6" GALVANIZED PULL IRON, LOCATE AS FOLLWS: BOTTOM SECTION (4) CORE MTD.; TOP SECTION (4) CORE MTD.
6. ● 1/2" THREADED BRONZE INSERT BRAZED TO STRUCTURAL STEEL REBAR. "GRD" SHALL BE STENCILED IN RED LETTERS (1 1/2" MINIMUM, 2" MAXIMUM) ON CONCRETE ABOVE EACH INSERT, LOCATE AS FOLLOWS: BOTTOM SECTION (2) CORE MTD.; TOP SECTION (4) CORE MTD.
7. ✚ 1/2" PLASTIC INSERT. LOCATE AS FOLLOWS: BOTTOM SECTION (16) CORE MTD.
8. ◎ 1/2" P–36–T INSERT. LOCATE AS FOLLOWS: TOP SECTION (4) CORE MTD.

FOLLOWING MATERIAL TO BE SHIPPED WITH MANHOLE

(a) 7/8" x 1 3/4" CONSEAL GASKET (45 FT. REQUIRED)
(b) 1/2" x 6" GALVANIZED "J" BOLTS (4 REQ'D)

ORDERING INFORMATION:

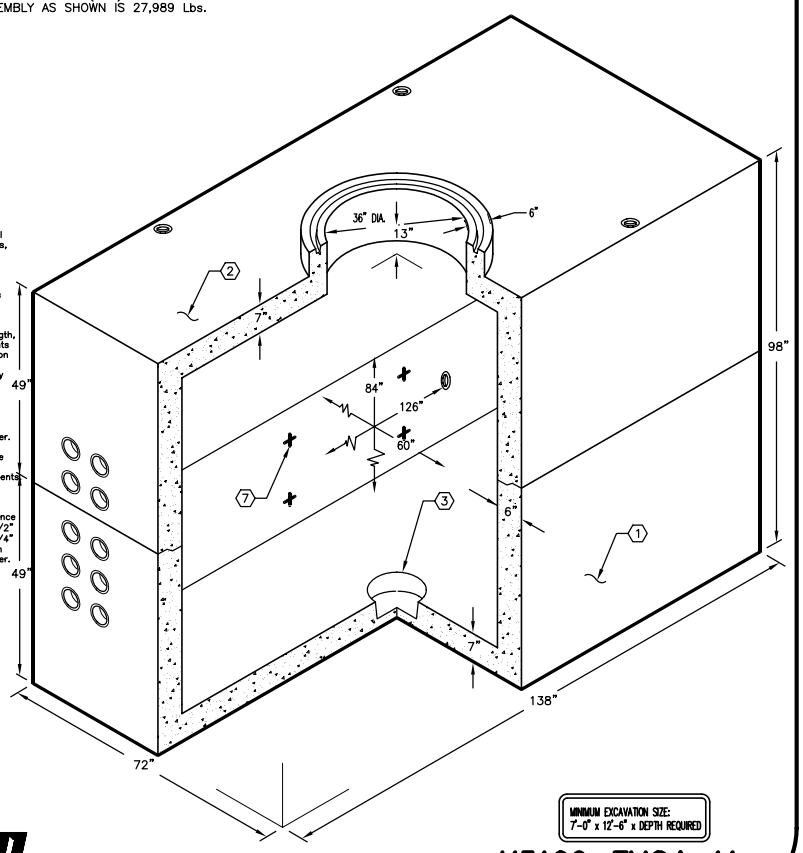
K5106–FM84–11 FOR ASSEMBLY AS SHOWN.
PER EDISON SPEC. UGS 300 M–10 (310)
TOTAL WEIGHT OF ASSEMBLY AS SHOWN IS 27,989 Lbs.

GENERAL NOTES:
1. Minimum soil bearing capacity is hereby assumed to be 2000 PSF unless otherwise documented by a geotechnical report that shall be provided to Jensen Precast by the end user. Jensen Precast shall not be held responsible for the soil bearing capacity.
2. Installation of Manholes, Vaults, Handholes, Meter Boxes etc. will be as per Jensen installation procedures.
3. Structural modification to the Jensen line of products is not permitted without prior written approval from Jensen Engineering Department.
4. Do not scale the drawings, verify all dimensions including rough openings, if any discrepancies are found, notify the Jensen Engineer immediately.
5. The Jensen Engineer will interpret the intent of the drawings in case of possible conflict or discrepancy.
6. Permissible Variations:
   Dimensional Tolerances – The length, width, height, or dia. measurements of the structure when measured on the inside surfaces shall not deviate form design dimensions by more than the following:

Dimensions:	Tolerance:
0 to 5 Feet	1/4"
5 to 10 Feet	3/8"
10 to 20 Feet as agreed upon between the supplier and purchaser.	

7. Squareness Tolerance:
   The inside of the precast concrete component shall be square as determined by diagonal measurements. The difference between such measurements shall not exceed the following:

Measured Length:	Allowable Difference
0 to 10 Feet	1/2"
10 to 20 Feet	3/4"
20 Feet and over as agreed upon between the supplier and purchaser.	



MINIMUM EXCAVATION SIZE:
7'–0" x 12'–6" x DEPTH REQUIRED

JENSEN PRECAST

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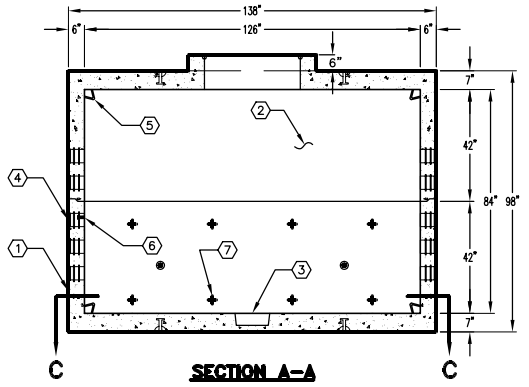
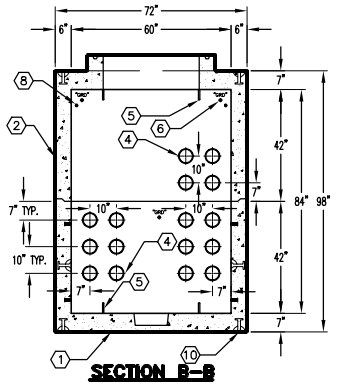


SECTION A–A



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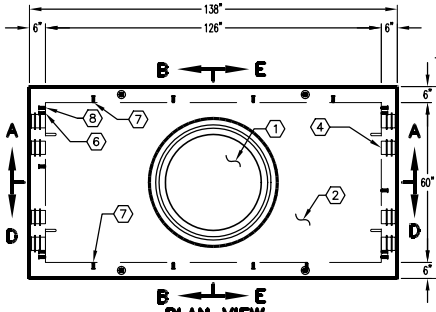
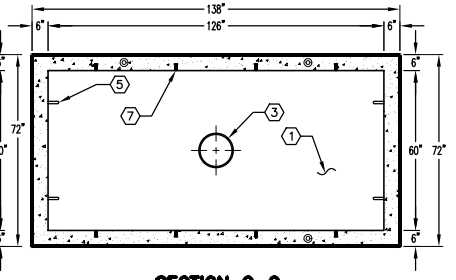
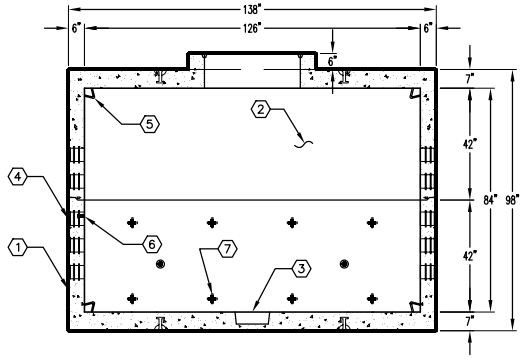


PLAN VIEW



SECTION C–C



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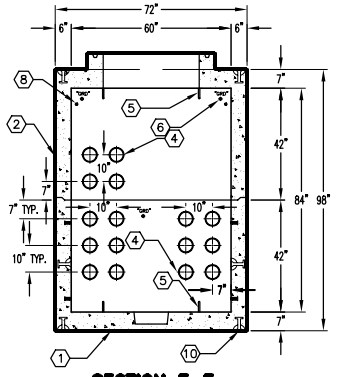

SECTION E–E

JENSEN PRECAST

#	DATE	DESCRIPTION	BY

K5106–FM84–11

PER EDISON SPEC. UGS 300 M–10 (310)