8'–0" x 16'–0" EDISON TRANSMISSION VAULT x 9'–6" DEEP

NOTES:

- VAULT DESIGNED IN ACCORDANCE WITH AASHTO HS 20–44 TRAFFIC BRIDGE LOADING.
- CONCRETE COMPRESSIVE STRENGTH SHALL BE ASSUMED TO BE 5,500 PSI [37.92MPa] @ 28 DAYS.
- YIELD STRENGTH OF THE REINFORCING STEEL SHALL BE 60,000 PSI [413.2MPa] GRADE 60 AND SHALL BE IN ACCORDANCE WITH ASTM A–706 CALCS. #31014.
- VAULT TO BE PLACED ON A MIN. 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 CEILINGS SHALL BE PAINTED WHITE.

THE FOLLOWING MATERIAL IS TO BE SHIPPED WITH THE VAULT:

a) 7/8" x 1 3/4" GASKET (90 FT. REQ'D.).

ORDERING INFORMATION:

K816–FV114–11 FOR ASSEMBLY AS SHOWN.
PER EDISON SPEC UGT 007 TRANSMISSION VAULT
TOTAL WEIGHT OF ASSEMBLY SHOWN AS 69,860 Lbs.

1. UV816–B57–117, 57" BOTTOM SECTION, WT. 32,939 lbs.
2. UV816–T57–11, 57" ROOF SECTION, WT. 36,920 lbs.
3. 13" x 14" DIA. SUMP x 7 1/2" DEEP W/RECESS TO ACCOMMODATE SUMP COVER. BOTTOM SECTION (1) CORE MTD.
4. 5" DIA. CONTERMS. BOTTOM SECTION (24) CORE MTD.; ROOF SECTION (24) CORE MTD.
5. 1" DIA. SCH. 40 PVC CONDUIT, CAPPED FLUSH WITH OUTSIDE WALL. ROOF SECTION (4) CORE MTD.
6. 1" DIA. COIL THR'D. INSERT. BOTTOM SECTION (4) CORE MTD.; ROOF SECTION (6) CORE MTD.
7. 1/2" THR'D. BRONZE INSERT BRAZED TO STRUCTURAL STEEL. "GRD" SHALL BE STENCILED IN RED LETTERS (1 1/2" MIN. TO 2" MAX) ON THE CONCRETE ABOVE EA. INSERT. BOTTOM SECTION (2) CORE MTD.; ROOF SECTION (2) CORE MTD.
8. 1 5/8" x 1 5/8" GALV. CAST–IN UNISTRUT x 48", BOTTOM SECTION (4) CORE MTD.; ROOF SECTION (4) CORE MTD.
9. 1 5/8" x 1 5/8" GALV. CAST–IN UNISTRUT x 180", BOTTOM SECTION (2) CORE MTD.;ROOF SECTION (2) CORE MTD.

GENERAL NOTES:

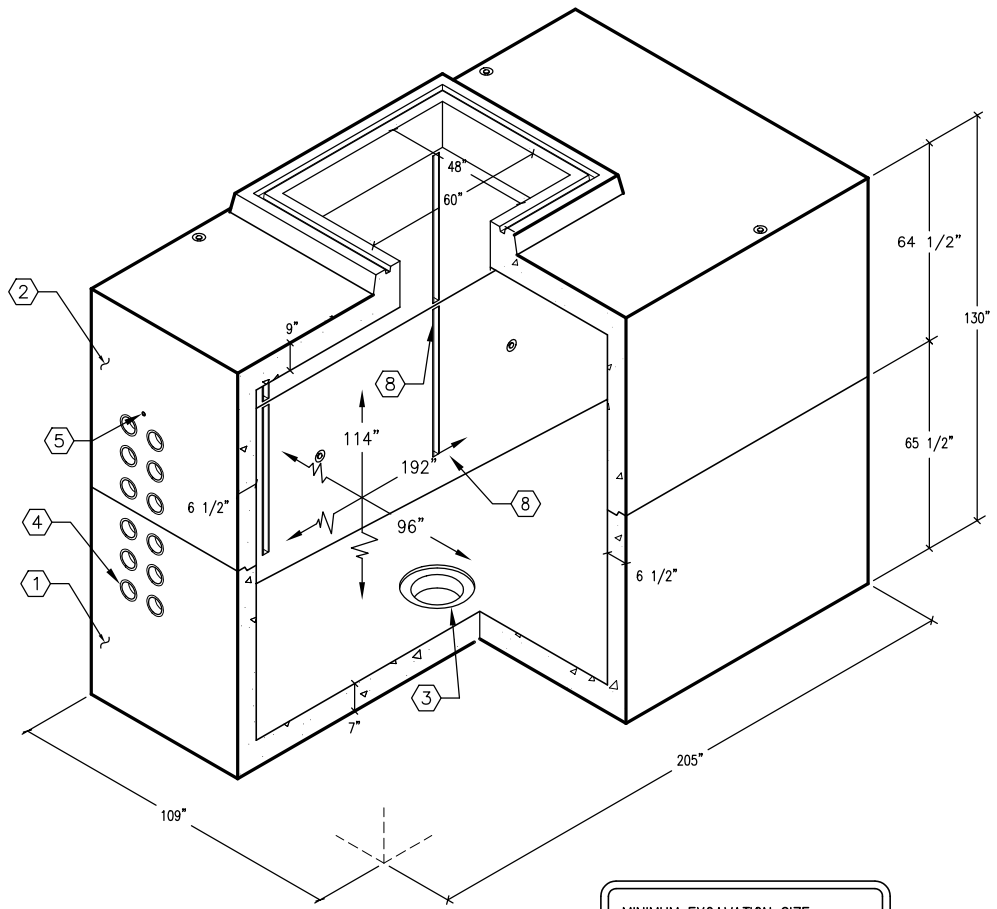
1. Minimum soil bearing capacity is hereby assumed to be 2000 PSF unless otherwise documented by a geotechnical report that shall be provided to Jensen Precast by the end user. Jensen Precast shall not be held responsible for the soil bearing capacity.
2. Installation of Manholes, Vaults, Handholes, 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.

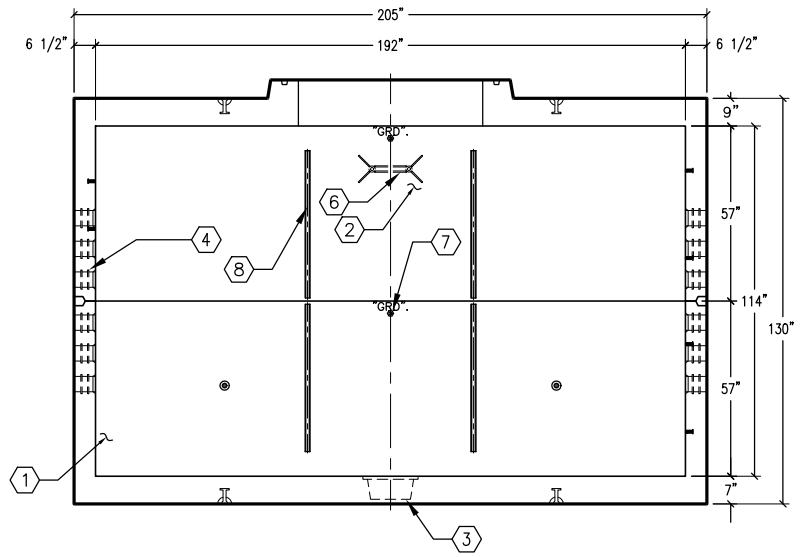


MINIMUM EXCAVATION SIZE:
10'–0" x 16'–0" x DEPTH REQ'D.

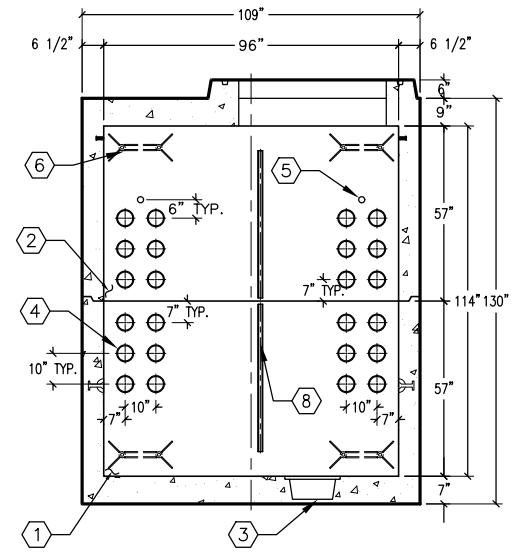
JENSEN PRECAST

AUTOCAD REL. 14

K816–FV114–11
PER EDISON SPEC. UGT 007 03–01–02



SECTION A–A



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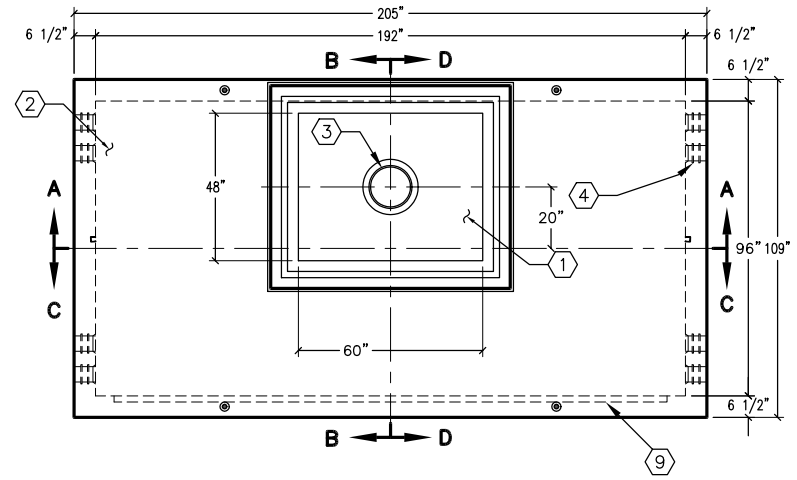
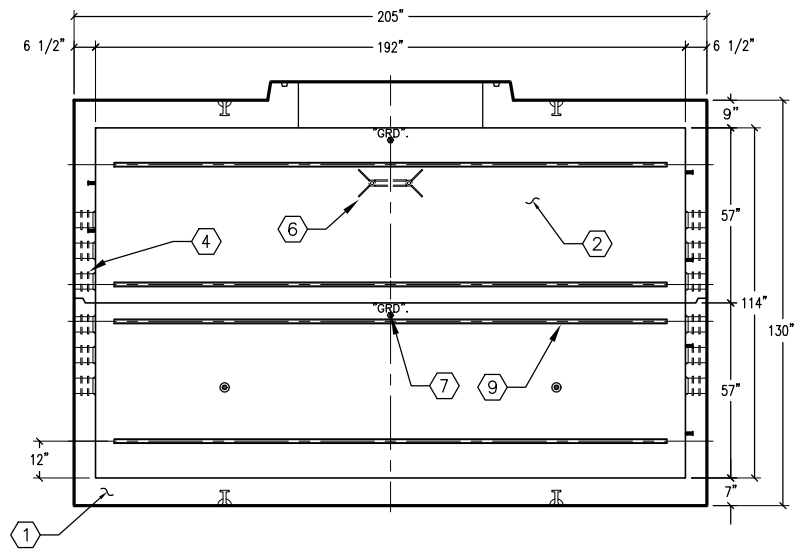
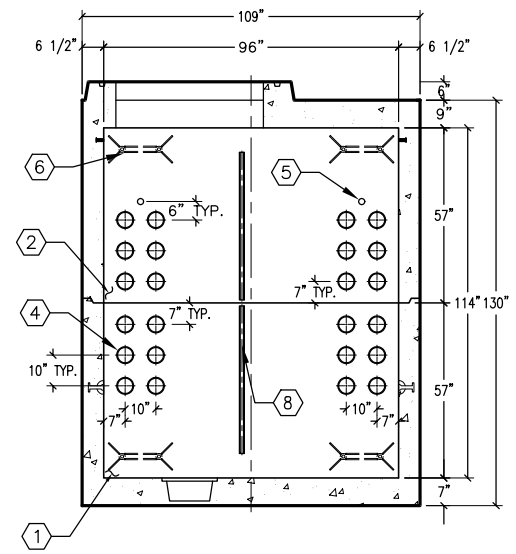


PLAN VIEW



SECTION C–C



SECTION D–D

JENSEN PRECAST

#	DATE	DESCRIPTION	BY

K816–FV114–11
PER EDISON SPEC. UGT 007 03–01–02