

8'-0" x 16'-0" ANAHEIM TRANSMISSION VAULT x 9'-6" DEEP

NOTES:

- VAULT DESIGNED IN ACCORDANCE WITH ACI 318, ASTM C857 AND AASHTO HS 20-44 TRAFFIC BRIDGE LOADING USING 5,500 P.S.I. COMPRESSIVE STRENGTH AT 28 DAYS CONCRETE AND 60,000 P.S.I. STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #31014.
- VAULT TO BE PLACED ON A MIN. 6" BASE OF CRUSHER DISTRIBUTION.
- INSTALLATION LIMITS OF THE ROOF SECTION IS 1'-6" MIN. TO 4'-0" MAX.
- PAINT ALL WALLS AND GELING WITH TWO COATS OF WHITE LATEX FLAT PAINT (FRAZEE #410 OR EQUAL).
- LADDER REQUIRED
- ALL JOINTS SHALL BE GASKETED WITH BROOKSEAL

ORDERING INFORMATION:

K816-FV114-16 FOR ASSEMBLY AS SHOWN,
 PER CITY OF ANAHEIM SPECS. CU 1600-95B - 02-10-94
 TOTAL WEIGHT OF ASSEMBLY AS SHOWN IS 69,678 lbs.

1. UV816-B57-16, 57" BOTTOM SECTION, WT. 34,131 lbs.
2. UV816-T57-161600, 57" TOP SECTION, WT. 35,547 lbs.
3. 13" X 14" DIA. SUMP X 5" DEEP W/RECESS AND SUMP COVER.
4. 6" DIA. CONTERMS. BOTTOM SECTION (24) SHELL MTD. ROOF SECTION (24) CORE MTD.
5. 4" DIA. GREY CONTERMS. ROOF SECTION (8) SHELL MTD. BOTTOM SECTION (6) CORE MTD.
6. 1" DIA. DOUBLE GALV. COIL INSERT. BOTTOM SECTION (6) CORE MTD. ROOF SECTION (6) CORE MTD.
7. 1" DIA. SINGLE GALV. COIL INSERT. ROOF (5) CORE MTD. 1 5/8" x 1 5/8" GALV. UNISTRUT x 168" LG. ROOF SECTION (2) CORE MTD.; BOTTOM SECTION (2) CORE MTD.
8. 1 5/8" x 1 5/8" GALV. UNISTRUT x 48" LG. ROOF SECTION (2) CORE MTD.; BOTTOM SECTION (2) CORE MTD.
9. 1 1/2" THREADED BRONZE INSERT WELDED TO STRUCTURAL REBAR CAGE. ROOF SECTION (6) CORE MTD.; BOTTOM SECTION (2) CORE MTD.
10. 1" DIA. CAPPED PVC CONDUIT. ROOF SECTION (4) CORE MTD.
11. 5/8" DIA. COPPER CLAD GROUND ROD, WELD TO REINFORCEMENT & PROJECT 3" MIN., BOTTOM SECTION (2) CORE MTD.

GENERAL NOTES:

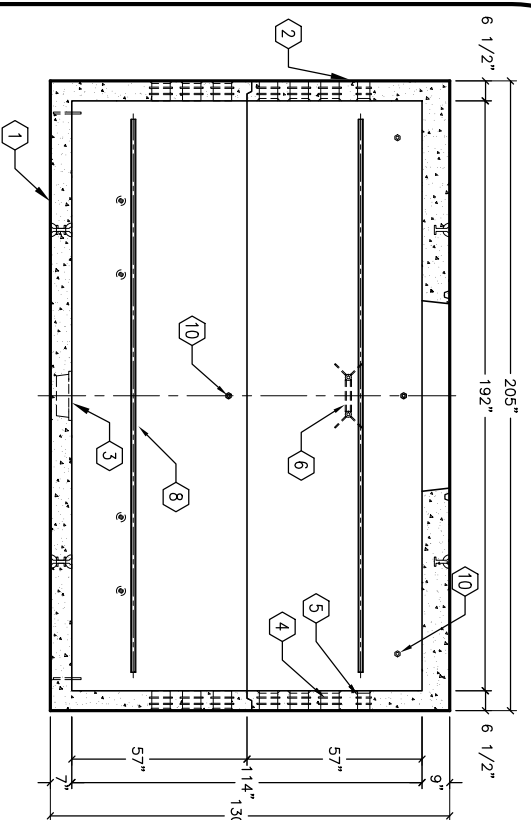
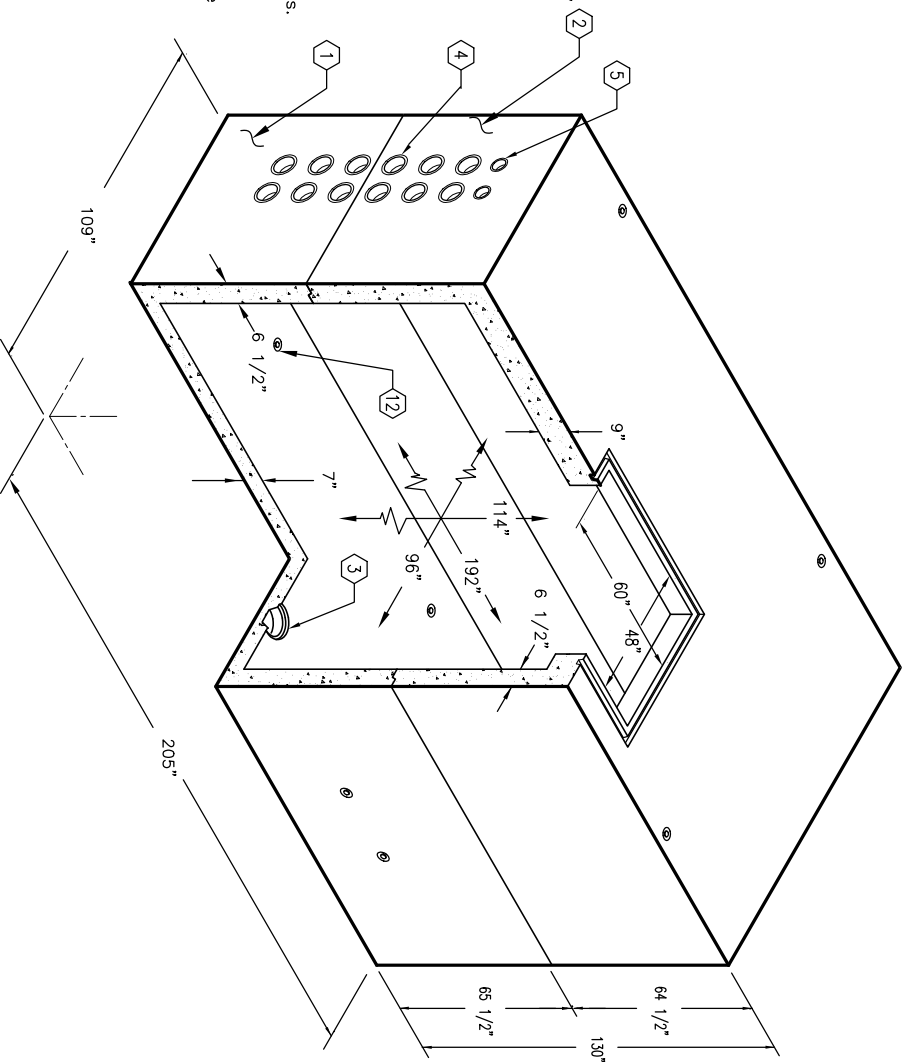
1. Minimum soil bearing capacity is hereby assumed to be 2000 PSF unless otherwise documented by a geotechnical report that shall be provided to Jensen Precast by the end user. Jensen Precast shall not be held responsible for the soil bearing capacity.
2. Installation of Manholes, Vaults, Handholes,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

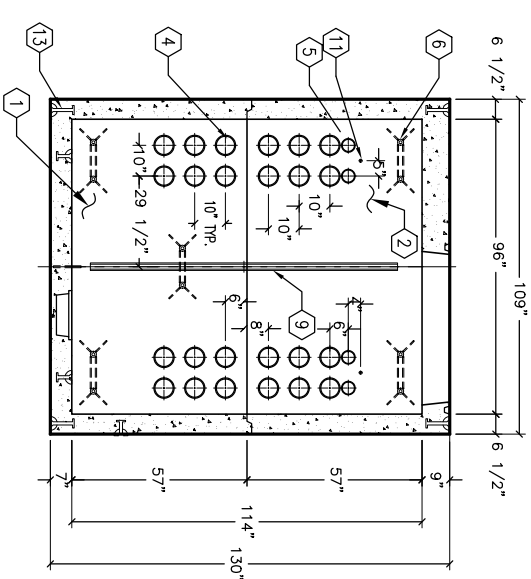
 Squaresness Tolerance: The inside of the precast concrete component shall be square as determined by diagonal measurements. The difference between such measurements shall not exceed the following:

Measured Length:	Allowable Difference
0 to 10 Feet	1/2"
10 to 20 Feet	3/4"

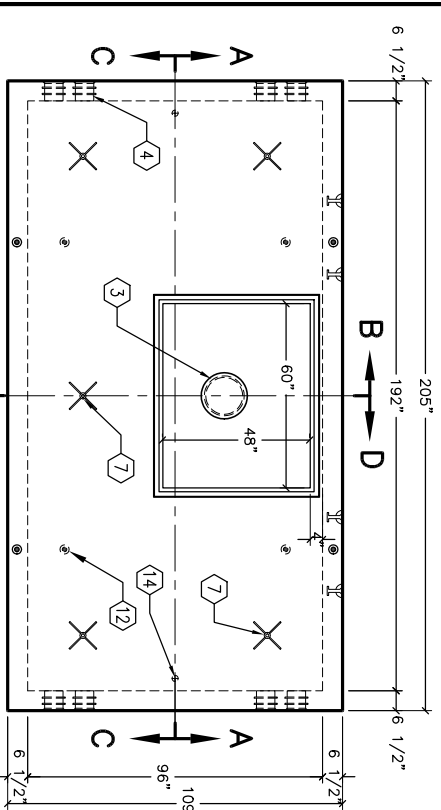
 20 Feet and over as agreed upon between the supplier and purchaser.
- 7.



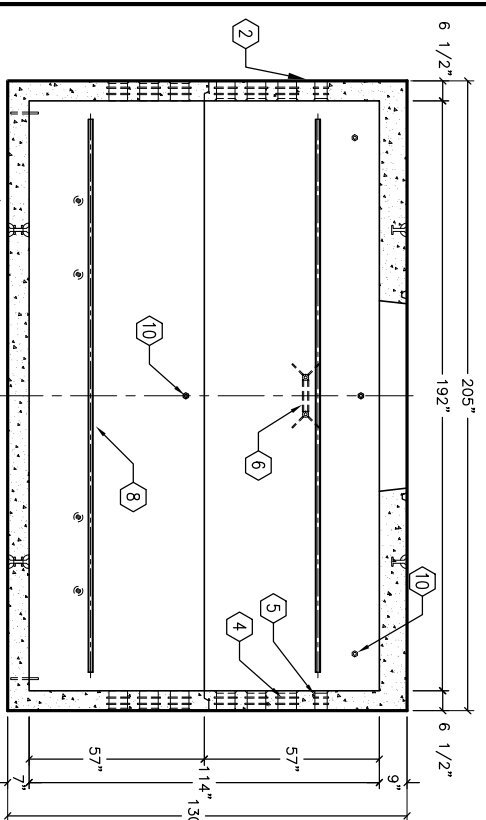
SECTION A-A



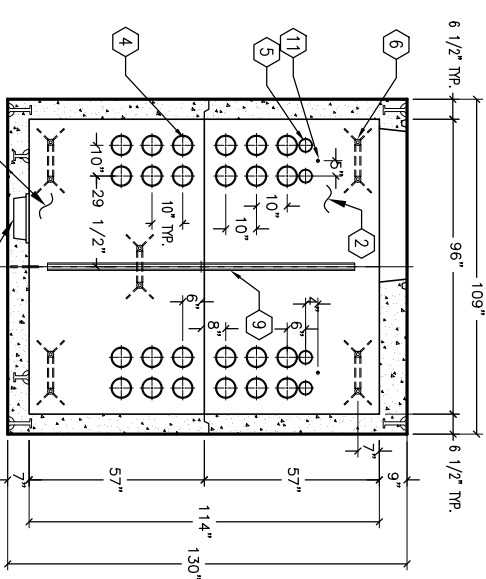
SECTION B-B



PLAN VIEW



SECTION C-C



SECTION D-D



AUTOCAD REL. 14

K816-FV114-16

PER CITY OF ANAHEIM SPEC. CU 1600-95B

03-01-02



#	DATE	DESCRIPTION	BY

K816-FV114-16

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03-01-02