

8'-0" x 16'-0" LADWP VAULT x 7'-0" DEEP

NOTES:

- VAULT DESIGNED IN ACCORDANCE WITH AASHTO H20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI [37.92MPa] COMPRESSIVE STRENGTH CONCRETE AT 28 DAYS AND 60,000 PSI [413.2MPa] YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #30572.
- VAULT TO BE PLACED ON A MIN. 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
- INSTALLATION LIMITS OF THE ROOF SECTION ARE 1'-0" MIN. TO 4'-0" MAX.
- CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH AS AN ADMIXTURE.
- EACH CONCRETE SECTION SHALL BE MARKED ON THE INSIDE & OUTSIDE WITH "JENSEN PRECAST", THE DESIGNATION "DWP/FA.", AND THE DATE OF POUR.
- EACH CONCRETE SECTION SHALL HAVE CAST-IN ON THE INSIDE "JENSEN", THE YEAR, AND THE DESIGNATION "FA".
- NO SHARP OR ROUGH EDGES ON THE TERMINATORS ENTERING THE VAULT.
- NO TRENCHES OR EXCAVATIONS 5' OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND, OR OBTAIN NECESSARY PERMIT FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE ISSUANCE OF A BUILDING OR GRADING PERMIT.

1. UV816-B27-12, 27" BOTTOM SECTION, WT. 24,736 Lbs.
2. UV816-T57-12202, 57" ROOF SECTION, WT. 36,735 Lbs.
3. 8" x 9" DIA. SUMP x 5" DEEP. LOCATE AS FOLLOWS:
4. BOTTOM SECTION (1) CORE MTD.
5. DIA. DOUBLE MEMBRANE TERMINATOR. LOCATE AS FOLLOWS: ROOF SECTION (32) SHELL MTD.
6. DIA. DOUBLE MEMBRANE TERMINATOR. LOCATE AS FOLLOWS: BOTTOM SECTION (4) SHELL MTD.; ROOF SECTION (12) SHELL MTD.
7. 14" x 15" DIA. VENT KNOCKOUT x 5" DEEP. LOCATE AS FOLLOWS: ROOF SECTION (2) CORE MTD.
8. 7/8" DIA. x 4 1/2" GALV. FLUSH PULL IRON. LOCATE AS FOLLOWS: BOTTOM SECTION (1) CORE MTD.; ROOF SECTION (8) CORE MTD.
9. 12" DIA. KNOCKOUT. LOCATE AS FOLLOWS: BOTTOM SECTION (2) CORE MTD.
10. + 1/2" PLASTIC INSERT. LOCATE AS FOLLOWS: BOTTOM SECTION (22) CORE MTD.; ROOF SECTION (88) CORE MTD.
11. 1" DIA. TERMS W/5/8" DIA. GROUND ROD KNOCKOUT. LOCATE AS FOLLOWS: BOTTOM SECTION (12) CORE MTD.

THE FOLLOWING MATERIAL TO BE SHIPPED WITH EACH VAULT:

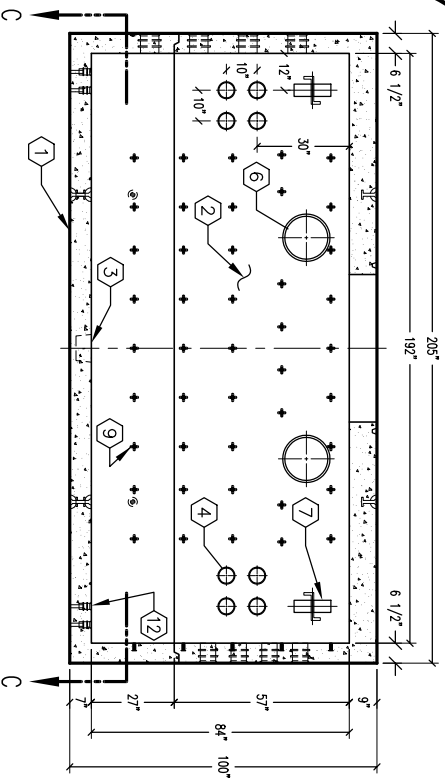
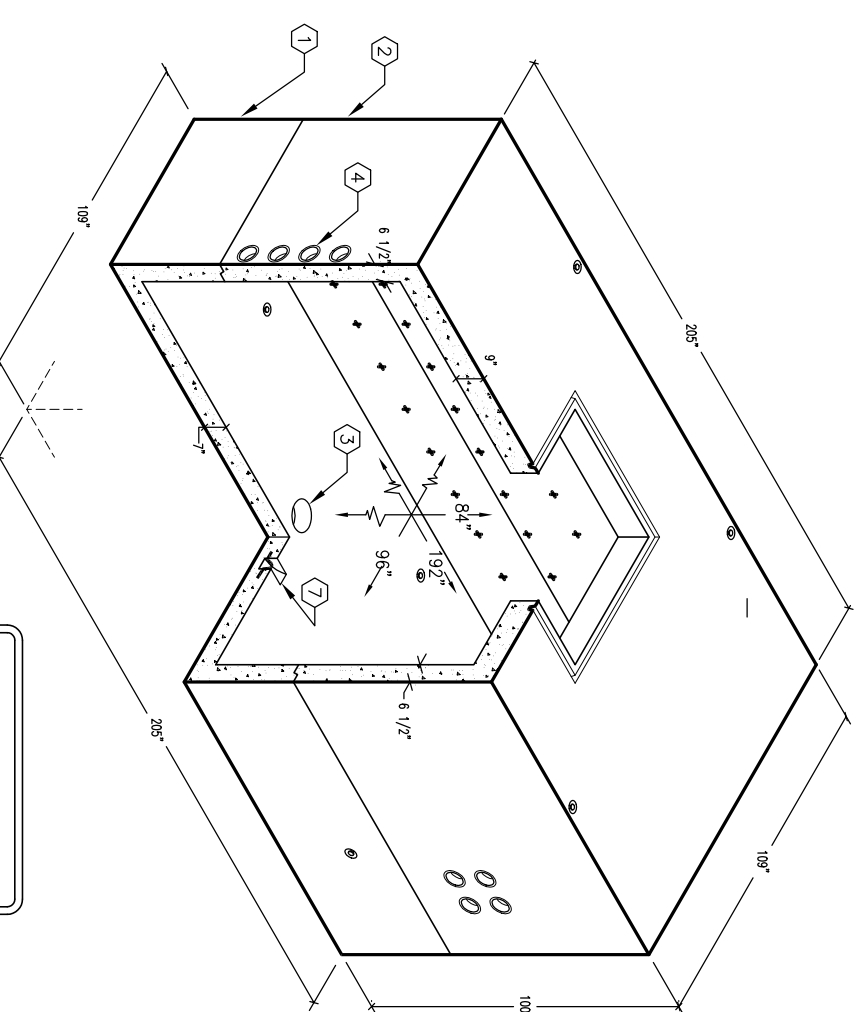
- (a) 7/8" x 1 3/4" CONSEAL GASKET (90 FT. REQ'D.)

ORDERING INFORMATION

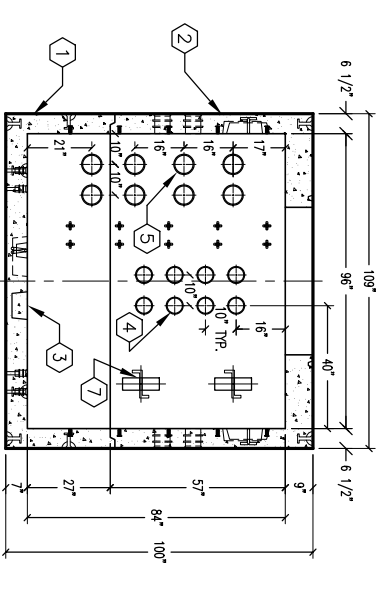
K816-FV84-12 FOR ASSEMBLY AS SHOWN.
 APPROVED FOR LADWP. SPEC. H-202 G-1, R12
 TOTAL WEIGHT OF ASSEMBLY AS SHOWN IS 61,471 Lbs.

GENERAL NOTES:

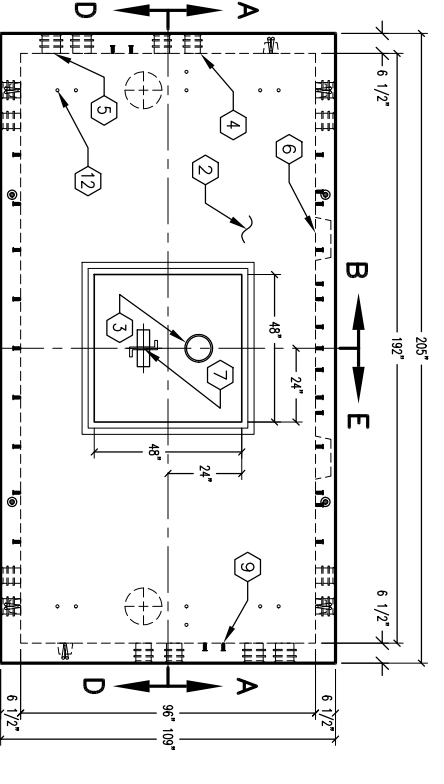
1. Minimum soil bearing capacity is hereby assumed to be 2000 PSF unless otherwise documented by a geotechnical report that shall be provided to Jensen Precast by the end user. Jensen Precast shall not be held responsible for the soil bearing capacity. Installation of Manholes, Vaults, Handholes, Meter Boxes etc. will be as per Jensen installation procedures.
2. Structural modification to the Jensen line of products is not permitted without prior written approval from Jensen Engineering Department.
3. Do not scale the drawings, verify all dimensions including rough openings, if any discrepancies are found, notify the Jensen Engineer immediately.
4. The Jensen Engineer will interpret the intent of the drawings in case of possible conflict or discrepancy.
5. 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:
 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.
6. Squariness 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.



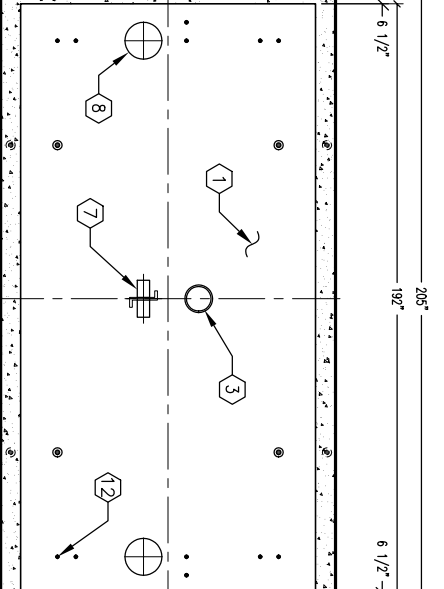
SECTION A-A



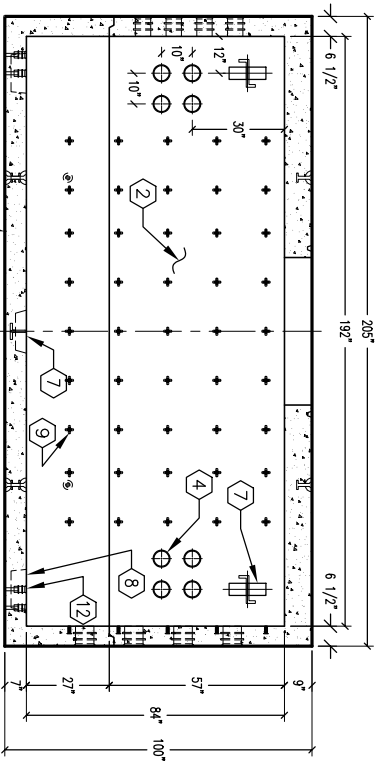
SECTION B-B



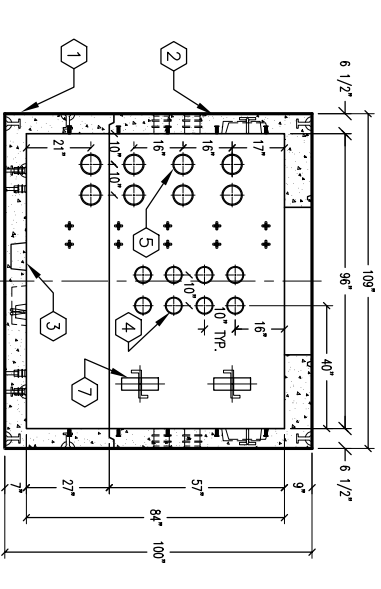
PLAN VIEW



SECTION C-C



SECTION D-D



SECTION E-E



PRINT DATE: 05/15/98

#	DATE	DESCRIPTION	BY

K816-FV84-12
 PER LADWP SPEC. H-202 G-1, R12
 03-01-02