8'–0" x 9'–4" LADWP INTERCEPT TUNNEL VAULT x 14'–0" LONG

NOTES:

- VAULT DESIGNED IN ACCORDANCE WITH AASHTO H–20–44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A–706 STEEL REINFORCEMENT PER CALCS. #31609
- VAULT TO BE PLACED ON A MIN. 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
- LIMITS OF COVER OVER ROOF SECTION IS 1'–0" TO 4'–0".
- CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH FOR AS AN ADMIXTURE.
- EACH CONCRETE SECTION SHALL BE MARKED ON THE INSIDE & OUTSIDE WITH "JENSEN", 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.

THE FOLLOWING MATERIAL TO BE SHIPPED WITH VAULT:

a) 7/8" x 1 3/4" BROOKSEAL GASKET (62 FEET REQ'D.)
b) 1 5/8" GALV. UNISTRUT x 92" LONG (SST080). W/ (6) 1/2" x 1 1/2" ROUND HEAD SLOTTED PLATED MACHINE SCREWS (PFA20193) & (6) 1/2" PLATED WASHER.
c) 1 5/8" x 1 5/8" GALV. UNISTRUT x 36" LONG. (2) 1/2" x 1 1/2" ROUND HEAD SLOTTED PLATED MACHINE SCREWS (PFA20193) & (2) 1/2" PLATED WASHER.(2 REQ'D.).
d) 1 5/8" x 1 5/8" GALV. UNISTRUT x 22" LONG. (2) 1/2" x 1 1/2" ROUND HEAD SLOTTED PLATED MACHINE SCREWS (PFA20193) & (2) 1/2" PLATED WASHER.(6 REQ'D.).
e) 3/4" x 20" COIL PYD (8 REQ'D.).
f) 7/8" x 1/2" x 3" WASHER GALV. (16 REQ'D.).
g) 3/4" HEX COIL NUT PYD (16 REQ'D.).
h) LADDER HANGER ASSEMBLY (1 REQ'D.).
j) I–3382 LADDER 12' (1 REQ'D.).

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:

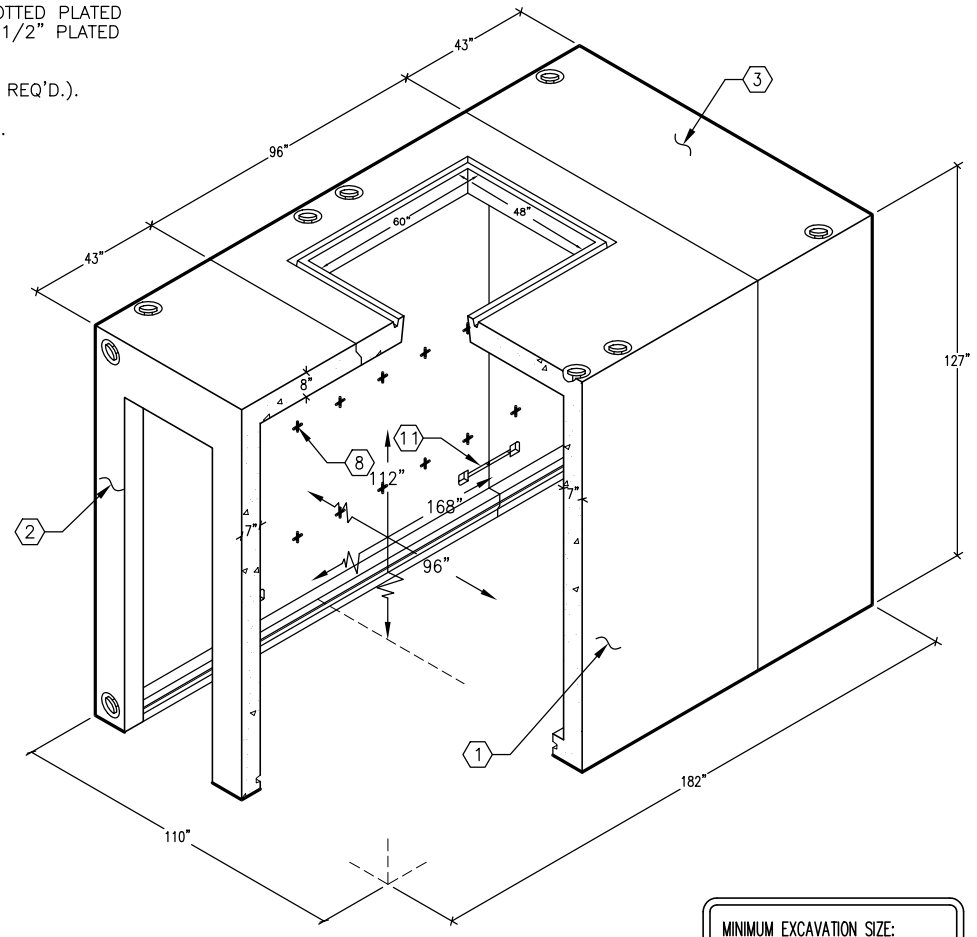
Measured Length:	Allowable Difference
0 to 10 Feet	1/2"
10 to 20 Feet	3/4"

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

1. TV894–C96I–12, 96" CENTER SECTION. WT. 20,867#.
2. TV894–E36I–A, 36" END SECTION. WT. 14,389#.
3. TV894–E36I–B, 36" END SECTION. WT. 14,389#.
4. 18" x 18" K.O. x 6" DEEP. DRAFT AS FOLLOWS: 1" TYP. ALL SIDES. LOCATE AS FOLLOWS: END SECTION (2) EACH SHELL MTD.
5. 14" x 15" DIA. VENT K.O. x 5" DEEP. LOCATE AS FOLLOWS: INT. SECTION (2) SHELL MTD.; END SECTION (2) EACH SHELL MTD.
6. 7/8" x 4 1/2" GALV. PULL IRON. LOCATE AS FOLLOWS: END SECTION (4) EACH CORE MTD.
7. X 1 1/2" GALV. COIL THR'D. INSERT. LOCATE AS FOLLOWS: END SECTION (2) EACH CORE MTD.
8. ○ & ▭ 3/4" P–56–T x 3" INSERT. LOCATE AS FOLLOWS: INT. SECTION (32) CORE MTD.; END SECTION (39) CORE MTD.
9. + 1/2" PLASTIC INSERT. LOCATE AS FOLLOWS: INT. SECTION (38) CORE MTD.; END SECTION (24) EACH CORE MTD.
10. 6" DIA. TERMINATOR. LOCATE AS FOLLOWS: END SECTION (6) EACH SHELL MTD.
11. 950 BOLT–UP CASTING, W/RECESS. LOCATE AS FOLLOWS: INT. SECTION (8) CORE MTD.; END SECTION (4) EACH CORE MTD.
13. #4 REBAR X 72" LONG (16) REQ'D TO BE SHIPPED WITH VAULT. LOCATED AS FOLLOW: (8) EACH PER END SECTION.
14. 1 1/2" X 1 1/2" X 3/16" STEEL ANGLE STIFFENERS X 33" LONG. (12) REQ'D. LOCATED AS FOLLOW: (6) EACH PER END SECTION.

ORDERING INFORMATION:

K894–TV14–12I FOR ASSEMBLY AS SHOWN.
APPROVED FOR LADWP SPEC. H–172 G1A, R32
TOTAL WEIGHT OF ASSEMBLY SHOWN IS 49,645#.

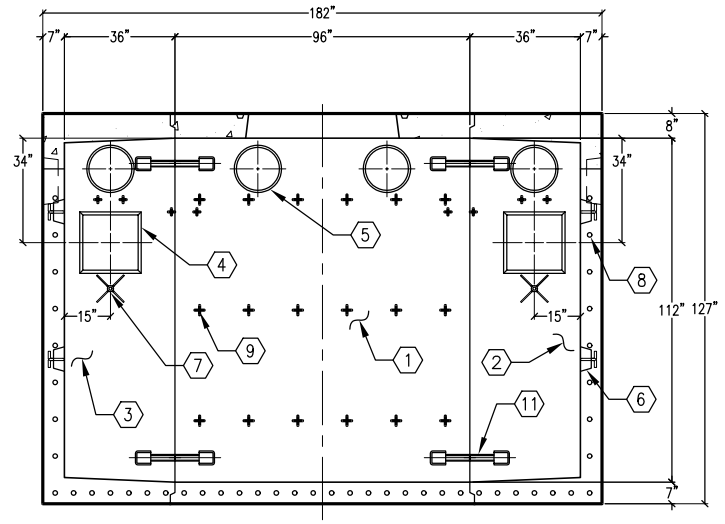


MINIMUM EXCAVATION SIZE:
10'–2" x 16'–2" x DEPTH REQ'D.

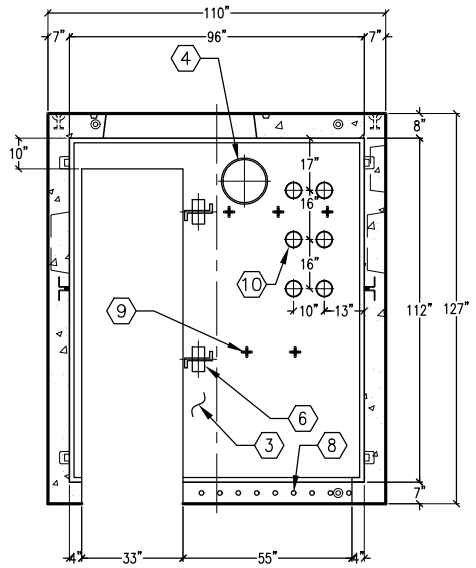
JENSEN PRECAST

AUTOCAD REL. 14

K894–TV14–12I
PER LADWP SPEC. H–172 G1A, R32 03–01–02



SECTION A–A



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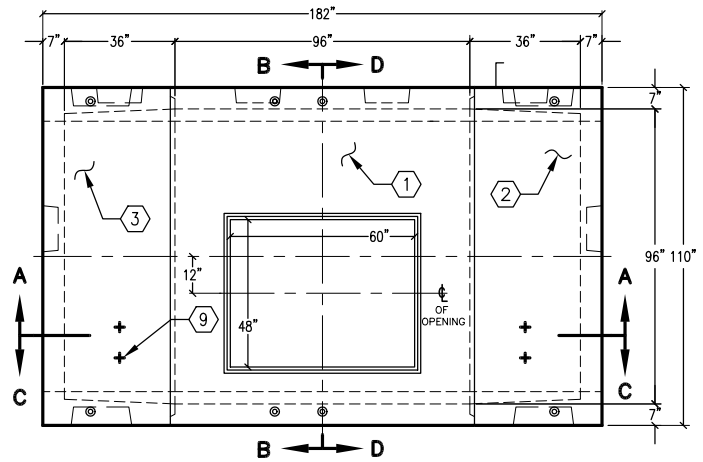
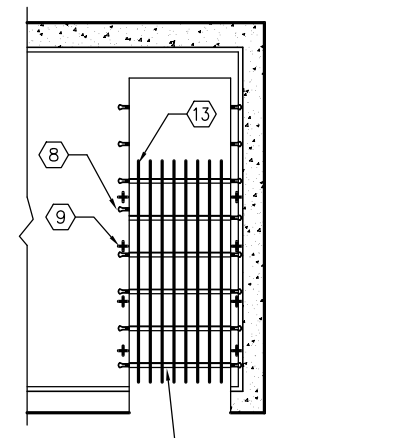
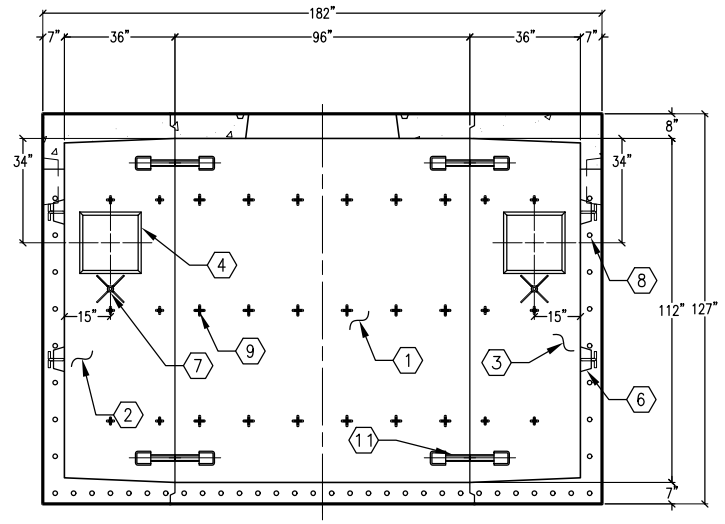


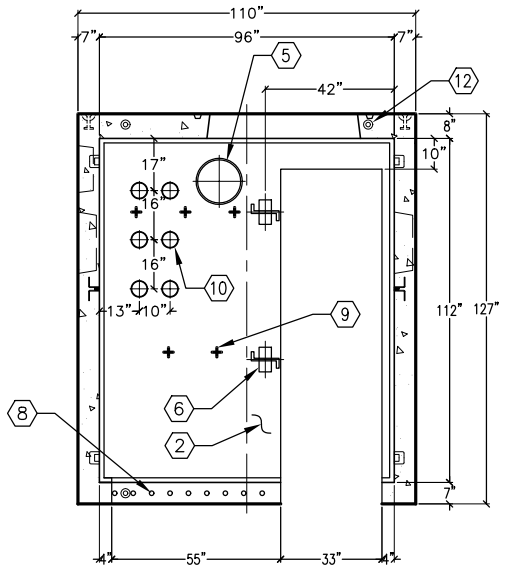
PLAN VIEW



TYP. END SEC. OPENING DETAIL



SECTION C–C



SECTION D–D

JENSEN PRECAST

#	DATE	DESCRIPTION	BY

K894–TV14–12I
PER LADWP SPEC. H–172 G1–A, R32 03–01–02