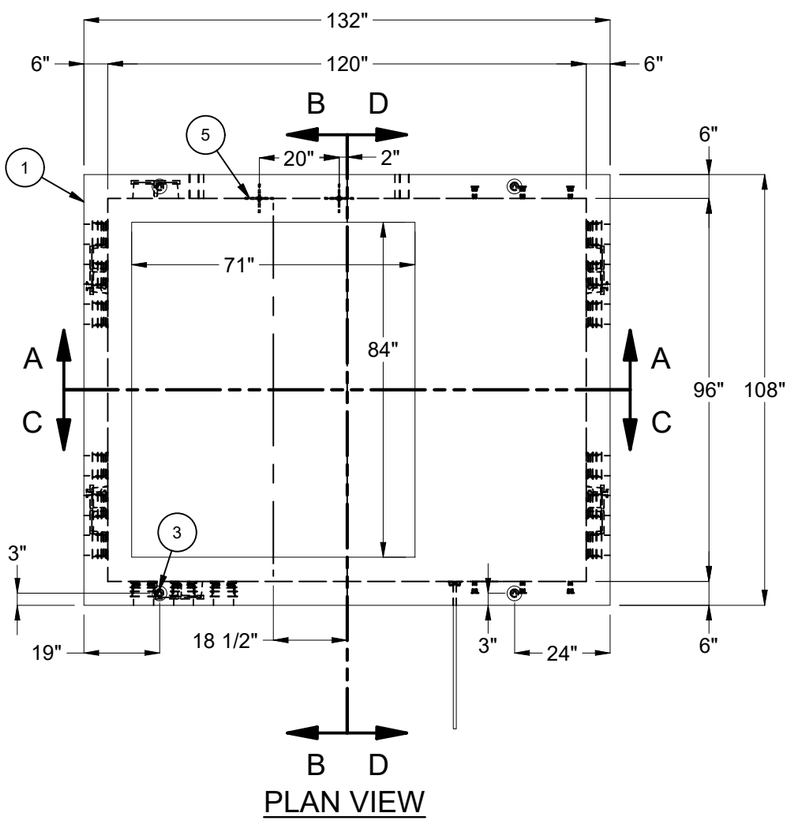
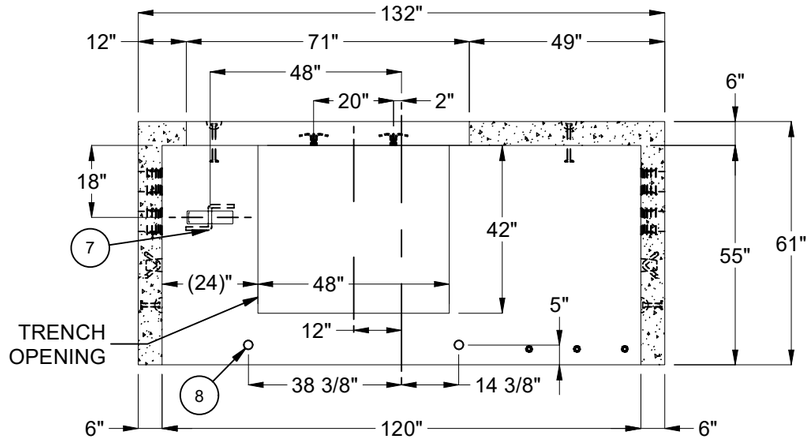
| DESIGN NOTES |
|---|
| ■ CONCRETE DESIGNED IN ACCORDANCE WITH L.A.D.W.P. SPEC. P178, ACI 318R-11, AND ASTM C857-14, USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AT 28 DAYS AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALC. #32950. |
| ■ CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH AND DCI AS AN ADMIXTURE. |
| ■ EACH CONCRETE SECTION SHALL BE STENCILED ON THE INSIDE & OUTSIDE WITH "JENSEN PRECAST", THE DESIGNATION "DWP/FA-CN" or "DWP/F-CN-SC" IF SCC MIX USED, AND THE DATE OF POUR. |
| ■ EACH CONCRETE SECTION SHALL HAVE CAST-IN ON THE INSIDE "JENSEN", THE YEAR, AND THE DESIGNATION "FA-CN" or "F-CN-SC" IF SCC MIX USED. |
| ■ "H20-GRD" STENCILED IN RED LETTERS (1 1/2" MIN. - 2" MAX.) |

## BILL OF MATERIALS

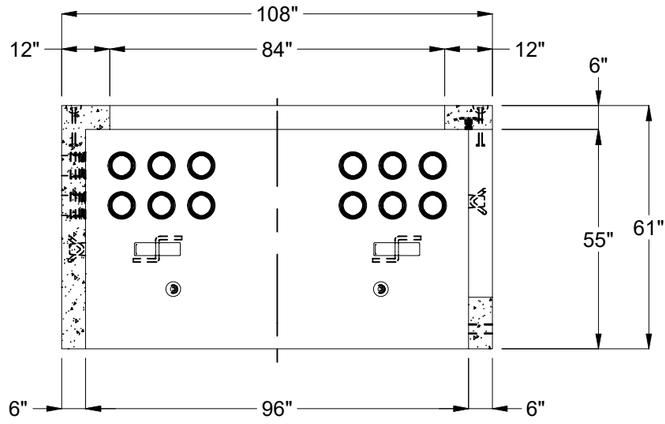
| ITEM | UNIT QTY | QTY | PART NUMBER | DESCRIPTION |
|---|---|---|---|---|
| 1 | 106.013 ft^3 | 106.013 ft^3 | 100006028 | CONCRETE 5500 PSI #17 SCC LADWP |
| 2 | 1 | 4 | 100002874 | ANCHOR DOGBONE P52 4T X 4-3/4" GALV |
| 3 | 1 | 4 | 100002877 | ANCHOR DOGBONE P52 4T X 9-1/2" GALV |
| 4 | 1 | 2 | 100008857 | GROUND PLATE W/3FT COPPER 500KC LM B1643Q |
| 5 | 1 | 2 | 100002800 | Insert Thin Slab Coil 4-Leg 0.75 x 3" Galv (F53 or Equiv.) |
| 6 | 1 | 30 | 100005936 | TERMINATOR DUCT WITH SEAL 5IN T5001 |
| 7 | 1 | 6 | 100005912 | PULL IRON OFFSET .875DIA 3.375 IH X 12.125L X 6.5W GALV |
| 8 | 6.000 in | 12.000 in | 100013798 | PIPE PVC SCH 40 2IN DIA |
| 9 | 1 | 6 | 100002790 | INSERT THREADED METAL 3/4-10 UNC 3IN |
| 10 | 1 | 1 | 100018022 | REINFORCING MAT 100018022 |



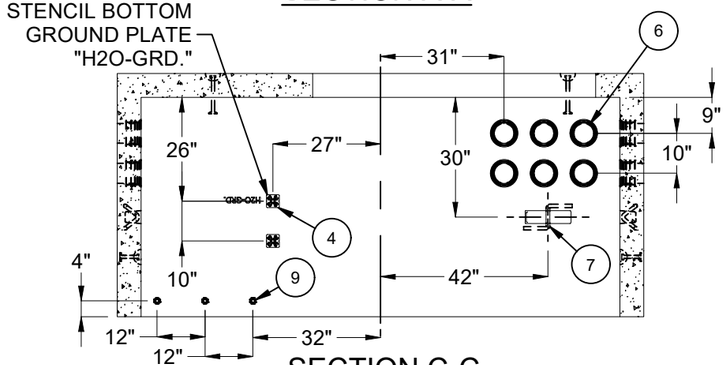

PLAN VIEW



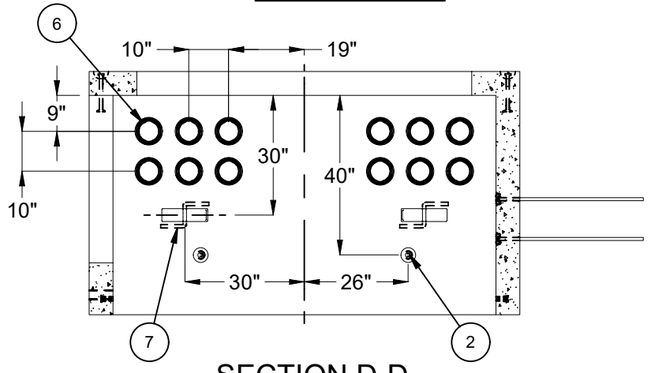

SECTION A-A




SECTION B-B




SECTION C-C

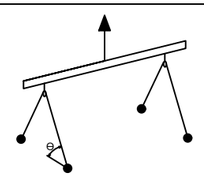


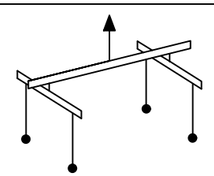

SECTION D-D

| LIFTING NOTES |
|---|
| ■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL. |
| ■ DEMOLDING: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 90° SLING ANGLE, MEASURED FROM HORIZONTAL. |
| *All rigging shall be design by a qualified professional. Loading diagrams show illustrations of possible rigging setups to achieve the required sling angle and load leg equalization. Other valid rigging configurations are possible. A qualified professional must be consulted prior to lifting. |

RIGGING DIAGRAMS*

| INSTALLATION | C | DEMOLDING | E |
|---|---|---|---|





| REVISION HISTORY | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| E-4-1 | RELOCATED DOGBONES | 6/1/2026 | |

| | |
|---|---|
| BURY DEPTH: | -0.1' - 0.0' to Top |
| WATER LEVEL: | Below Structure |
| APPROX. WEIGHT: | 16005 Lbs |
| DESIGN SPEC: | ACI 318,ASTM C857 |
| LOADING SPEC: | A-16 (AASHTO HS20-44) |
| REINFORCEMENT TYPE: | Rebar |
| LIFTING TYPE: | Dogbone |

Infrastructure
JENSEN
WWW.JENSENINFRASTRUCTURE.COM

©2026 Jensen Infrastructure - All rights reserved.
All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.
This product shall only be produced in a Jensen Infrastructure facility.

| | | | |
|---|---|---|---|
| DESCRIPTION: | Vault 96120x55 Rect. Bottom Section Terminators LADWP UB721-19-G1 R12<br>CASTING LAYOUT | REV: | E-4-3 |
| PART NUMBER: | 100012302 | DRAWN BY: | J. Prado |
| CREATED: | 12/17/2019 | MODIFIED: | 6/1/2026 |
| | | SHEET: | 1 OF 1 |

100012302.idw