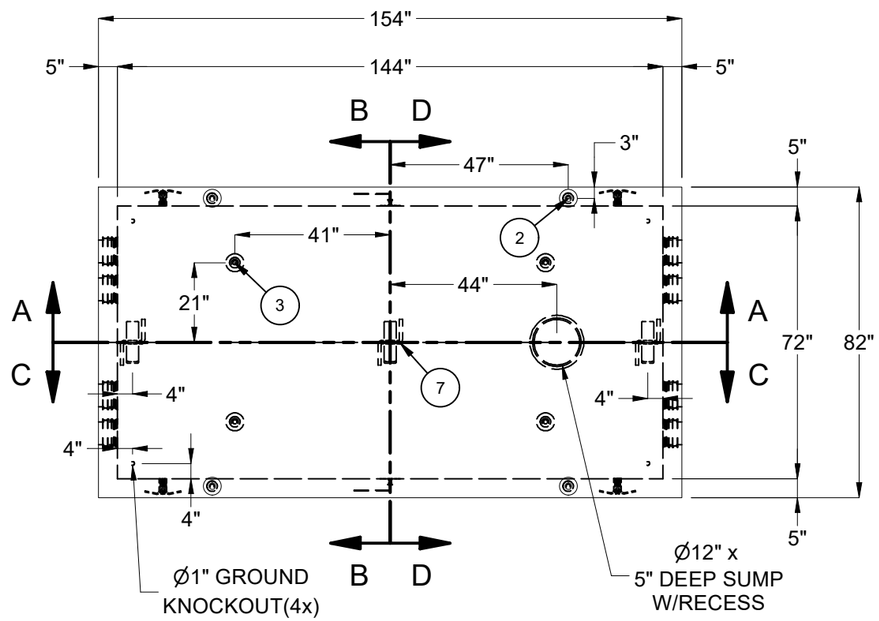
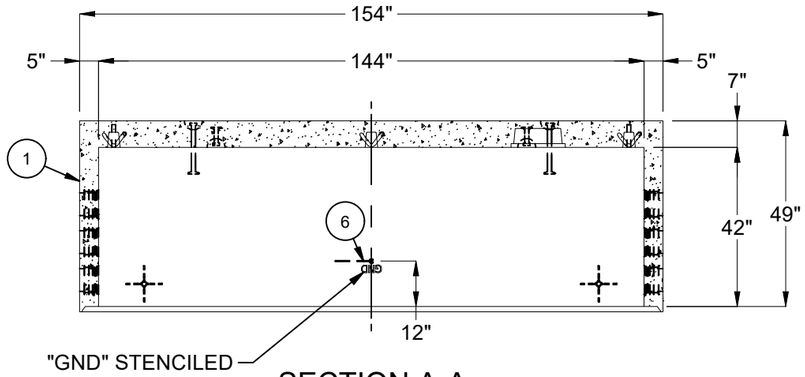
| DESIGN NOTES |
|---|
| ■ DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #31094. |
| ■ "GRD" STENCILED IN RED LETTERS (1 1/2" MIN. - 2" MAX.) |
| ■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT. |

## BILL OF MATERIALS

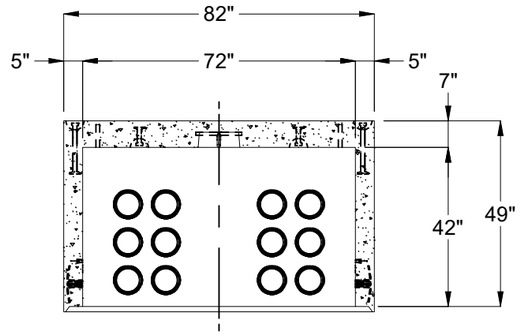
| ITEM | UNIT QTY | QTY | PART NUMBER | DESCRIPTION |
|---|---|---|---|---|
| 1 | 103.628 ft^3 | 103.628 ft^3 | 100025559 | CONCRETE 5500 PSI SCC BURBANK W/ FLY ASH, DCI, FIBER - MIX 14 |
| 2 | 1 | 4 | 100002882 | ANCHOR DOGBONE P52 8T X 13-3/8" GALV |
| 3 | 1 | 4 | 100002879 | ANCHOR DOGBONE P52 8T X 4-3/4" GALV |
| 4 | 1 | 24 | 100003019 | TERMINATOR DUCT WITH SEAL 6IN T6000 |
| 5 | 1 | 4 | 100044597 | Insert Thin Slab Coil 4-Leg 1 x 4" Galv (F53 or Equiv.) |
| 6 | 1 | 2 | 100005932 | INSERT GROUND BRONZE BOTTLE ROCKET 1/2-13 UNC WITH 11IN COPPER ROD 12H69 |
| 7 | 1 | 3 | 100005912 | PULL IRON OFFSET .875DIA 3.375 IH X 12.125L X 6.5W GALV |
| 8 | 1 | 1 | 300123243 | REINFORCING MAT 300123243 |



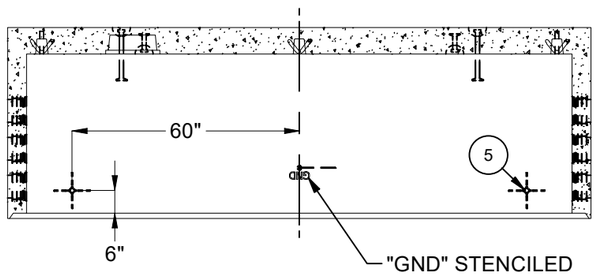

PLAN VIEW



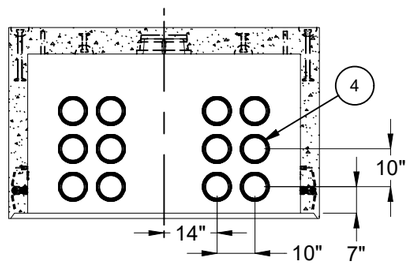

SECTION A-A




SECTION B-B




SECTION C-C

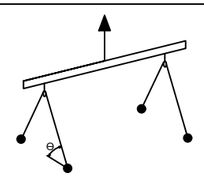


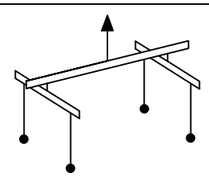

SECTION D-D

| 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 |
|---|---|---|---|





| | | | |
|---|---|---|---|
| BURY DEPTH: | 4.1' - 8.1' to Top | | |
| WATER LEVEL: | 3.0' | APPROX. WEIGHT: | 15618.03 Lbs |
| DESIGN SPEC: | ACI 318,ASTM C857 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| REINFORCEMENT TYPE: | Rebar | LIFTING TYPE: | Dogbone |

JENSEN PRECAST EST. 1968

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This product shall only be produced in a Jensen Precast facility.

REVISION HISTORY

| REV | DESCRIPTION | DATE | APPROVED |
|---|---|---|---|
| C-1 | REMOVED TAG & REVISED DESCRIPTION | 7/1/2024 | |

| | | | |
|---|---|---|---|
| DESCRIPTION: | Vault 72144x42 Rect. Bottom Section Terminators Sump Burbank S-730 CASTING LAYOUT | | REV: C-1 |
| PART NUMBER: | 200023734 | DRAWN BY: | J. Prado |
| CREATED: | 7/3/2019 | MODIFIED: | 7/1/2024 |
| | | | SHEET: 1 OF 1 |

200023734.idw