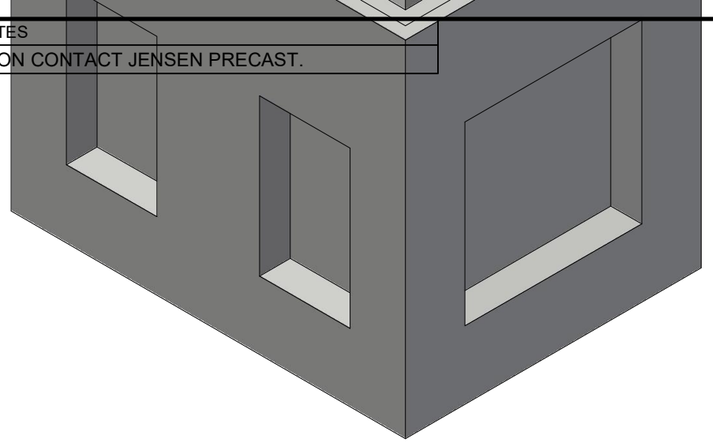
| DESIGN NOTES |
|---|
| ■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST. |



## BILL OF MATERIALS

| ITEM | UNIT QTY | QTY | PART NUMBER | DESCRIPTION |
|---|---|---|---|---|
| 1 | 24.000 ft^3 | 24.000 ft^3 | 100005976 | CONCRETE MIX 4500 PSI |
| 3 | 1 | 4 | 100012720 | INSERT PLASTIC W/ BREAK OFF SNAP 0.5IN |
| 4 | 1 | 4 | 100002867 | ANCHOR DOGBONE P52 2T X 3-3/8" GALV |
| 5 | 1 | 2 | 100004660 | PULL IRON OFFSET B783519 3.5H X 19L X.875DIA GALV |
| 6 | 1 | 4 | 100002525 | CABLE RACK 14 HOLE GALV TABS |
| 7 | 1 | 8 | 100013415 | MACHINE BOLT 1/2-13 UNRC-2A 2IN HDG |
| 8 | 1 | 1 | 100020570 | CAGE PB 2436X36 BASE 6W |

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## ISO LAYOUT

| LIFTING NOTES |
|---|
| ■ PLANT DEMOLDING: MINIMUM HANDLING CONCRETE STRENGTH F'c = 2500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 2 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90° |
| ■ FIELD INSTALLATION: MINIMUM HANDLING CONCRETE STRENGTH F'c = 2500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 2 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90° |

| CHANGE HISTORY | | | |
|---|---|---|---|
| NO. | DESCRIPTION | DATE | BY |
| 1 | CREATED FROM LEGACY DRAWING | 11/10/2021 | JW |

| | | | |
|---|---|---|---|
| BURY DEPTH: | 1.0' - 7.0' to Top | | |
| WATER LEVEL: | 5.0' | APPROX. WEIGHT: | 6741.16 Lbs |
| DESIGN SPEC: | ASTM C857,ACI 318 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| REINFORCEMENT TYPE: | Rebar | LIFTING TYPE: | Dogbone |

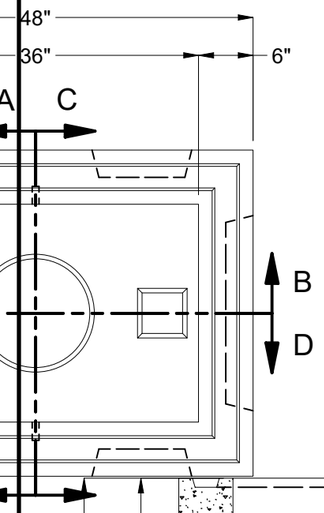
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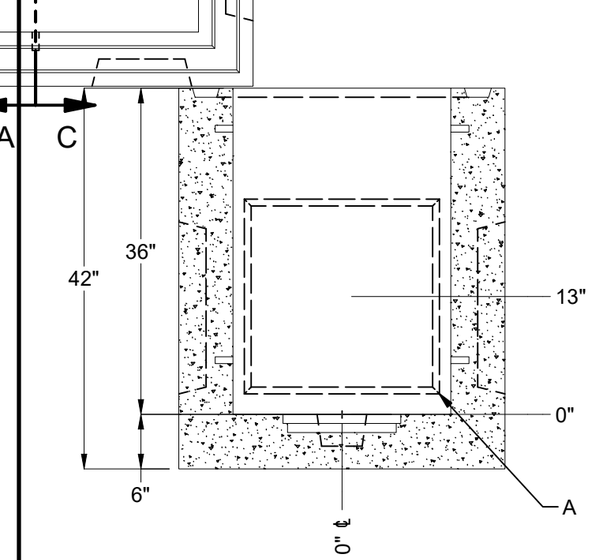
| | | | |
|---|---|---|---|
| DESCRIPTION: | Vault 2436x36 Rect. Bottom Section<br>CASTING LAYOUT | | REV: A-4 |
| PART NUMBER: | 100004482 | DRAWN BY: | J. Warren |
| CREATED: | 11/10/2021 | MODIFIED: | 4/8/2022 |
| | | | SHEET: 1 OF 2 |

| FEATURES | | |
|---|---|---|
| ID | DESCRIPTION | QTY |
| A | 20"(X) x 20"(Y) x 3" Deep Knockout | 2 |
| B | 9 1/2"(X) x 17 1/2"(Y) x 3" Deep Knockout | 4 |
| C | Ø12" x 2" Deep Sump | 1 |

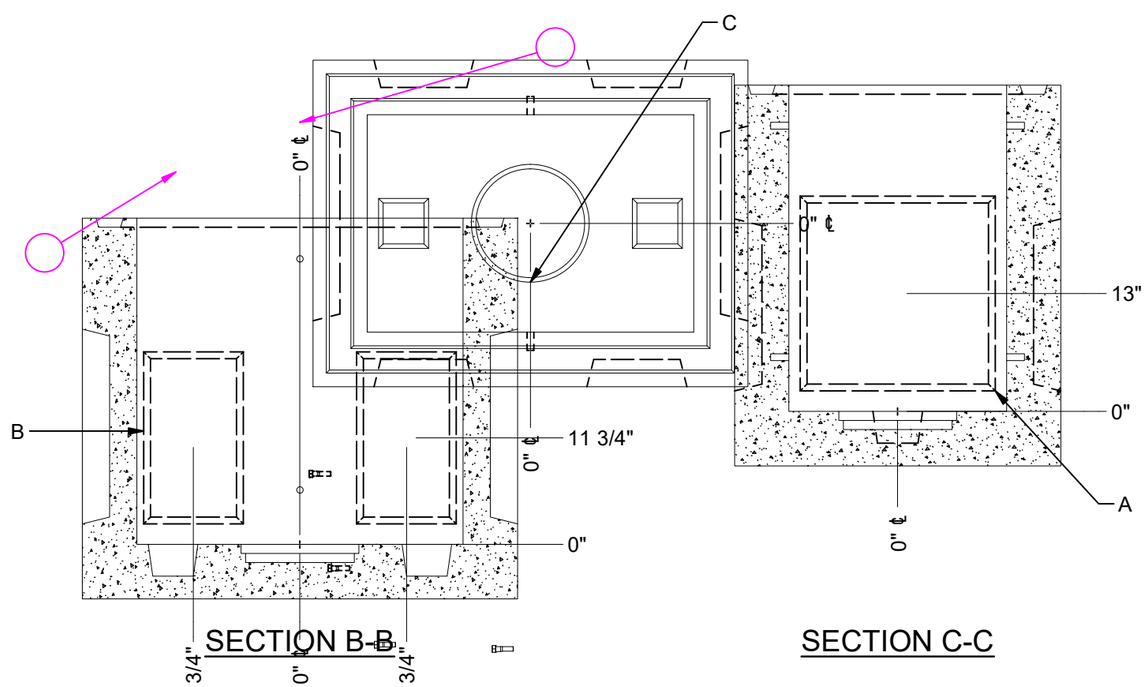



PLAN VIEW

PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



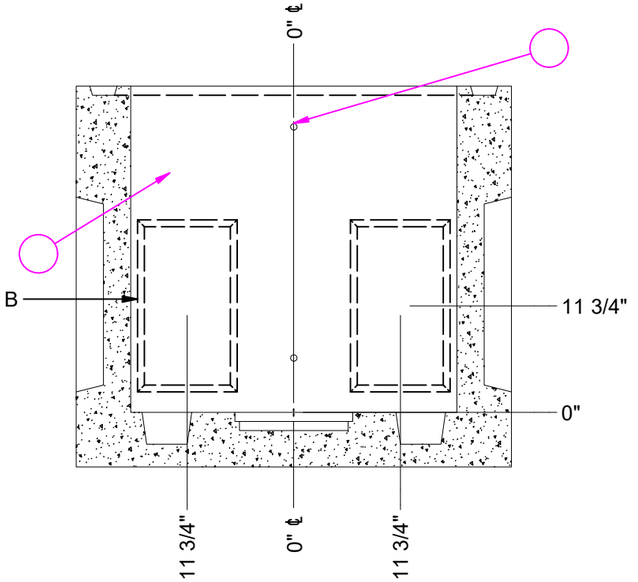

SECTION A-A




SECTION B-B




SECTION C-C




SECTION D-D

| | | | |
|---|---|---|---|
| BURY DEPTH: | 1.0' - 7.0' to Top | | |
| WATER LEVEL: | 5.0' | APPROX. WEIGHT: | 6741.16 Lbs |
| DESIGN SPEC: | ASTM C857,ACI 318 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| REINFORCEMENT TYPE: | Rebar | LIFTING TYPE: | Dogbone |

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| | | | |
|---|---|---|---|
| DESCRIPTION: | Vault 2436x36 Rect. Bottom Section<br>CASTING DRAWING | | REV: A-4 |
| PART NUMBER: | 100004482 | DRAWN BY: | J. Warren |
| CREATED: | 11/10/2021 | MODIFIED: | 4/8/2022 |
| | | | SHEET: 2 OF 2 |

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