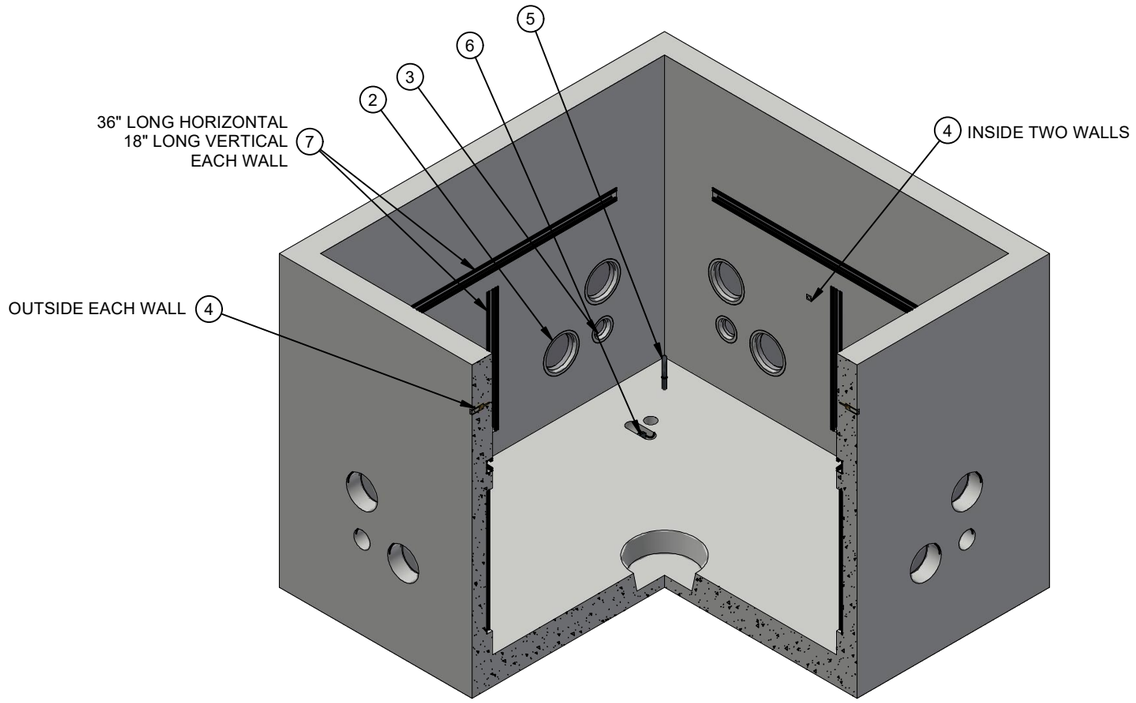
| DESIGN NOTES |
|---|
| ■ CONFORMS TO PGE SPECIFICATION L26100 DATED 12-11-2018 |
| ■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST. |

## BILL OF MATERIALS

| ITEM | UNIT QTY | QTY | PART NUMBER | DESCRIPTION |
|---|---|---|---|---|
| 1 | 20.447 ft^3 | 20.447 ft^3 | 100011425 | CONCRETE MIX 5000 PSI |
| 2 | 1 | 16 | 100003016 | TERMINATOR DUCT WITH SEAL 4.5IN SHORT T4504 |
| 3 | 1 | 8 | 100003010 | TERMINATOR DUCT WITH SEAL 2IN T2001 |
| 4 | 1 | 6 | 100005933 | GROUND INSERTS BOTTLE ROCKET BRASS 1/2X16 STEEL ROD 12G69 |
| 5 | 1 | 4 | 100037074 | PULL IRON .5DIA 6 OH X 3W GALV XXX VALLEY NUTBOLT |
| 6 | 1 | 8 | 100034833 | ANCHOR RAPID LIFT TECH 2.5T CLUTCH 2.4375IN LONG MB RL-25 |
| 7 | *Varies* | 216.0000 in | 100022114 | STRUT C-CHANNEL 13/16 X 1-5/8 16GA SOLID GALV SHALLOW W-400/P4000 |
| 8 | 1 | 1 | 400000808 | REINFORCING MAT 400000808 |

400000807.idw




ISO LAYOUT

| LIFTING NOTES |
|---|
| ■ PLANT DEMOLDING & FIELD INSTALLATION: MINIMUM HANDLING CONCRETE STRENGTH F'c = 3500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 2 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90° |

| REVISION HISTORY | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | BY |
| A | INITIAL RELEASE | 11/12/2020 | MBE |
| B | REMOVED TAPER FROM WALLS | 1/28/2021 | BGD |
| B-1 | ADDED WELD DETAILS | 11/106/24 | EBH |

| | | | |
|---|---|---|---|
| BURY DEPTH: | 0.5' - 5.5' to Top | | |
| WATER LEVEL: | 5.0' | WEIGHT: | 3116.48 Lbs |
| DESIGN SPEC: | ASTM C857,ACI 318 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| REINFORCEMENT TYPE: | Rebar | LIFTING TYPE: | Tech Erection Anchor |

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DESCRIPTION: Vault 5050x38 Rect. Bottom Section Terminators Sump PGE Portland 39668

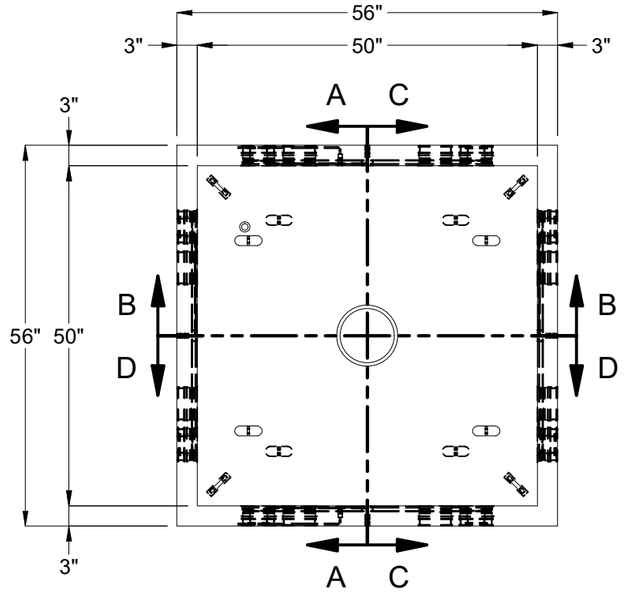
CASTING LAYOUT

REV: B-1

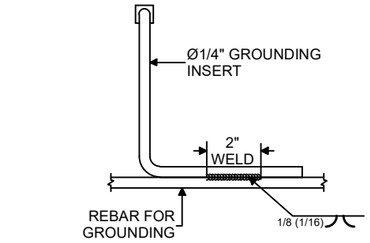
SHEET: 1 OF 2

| | | | |
|---|---|---|---|
| PART NUMBER: | 400000807 | DRAWN BY: | E.Herrera |
| CREATED: | 11/14/2019 | MODIFIED: | 11/6/2024 |

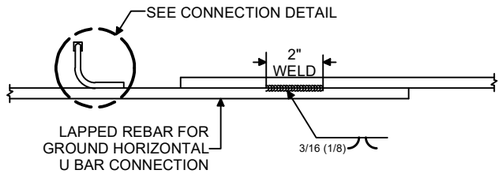
| FEATURES | | |
|---|---|---|
| ID | DESCRIPTION | QTY |
| A | Ø1" x 3 1/2" Deep Knockout | 1 |
| B | Ø8" x 2 1/2" Deep Sump | 1 |



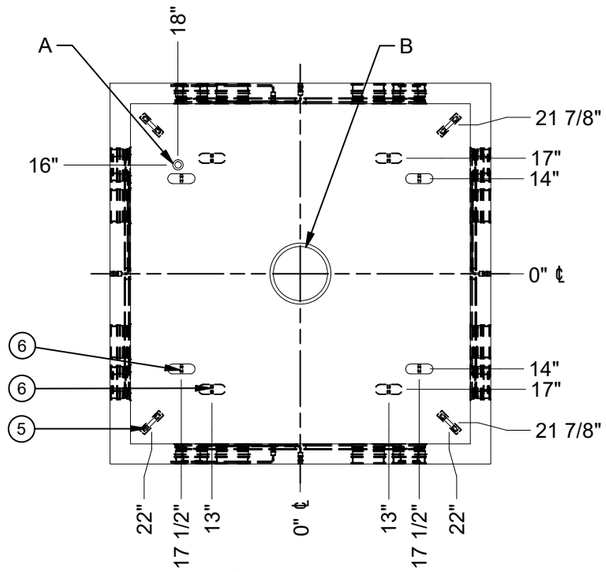

PLAN VIEW




CONNECTION DETAIL
SINGLE WELD

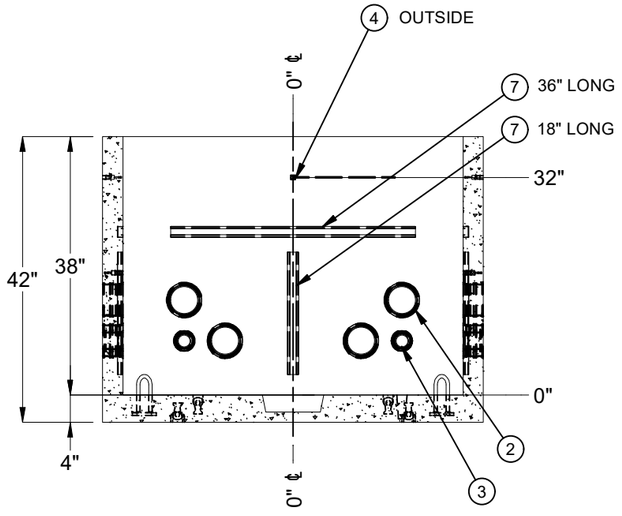



DETAIL 1
HORIZONTAL U BAR WELD

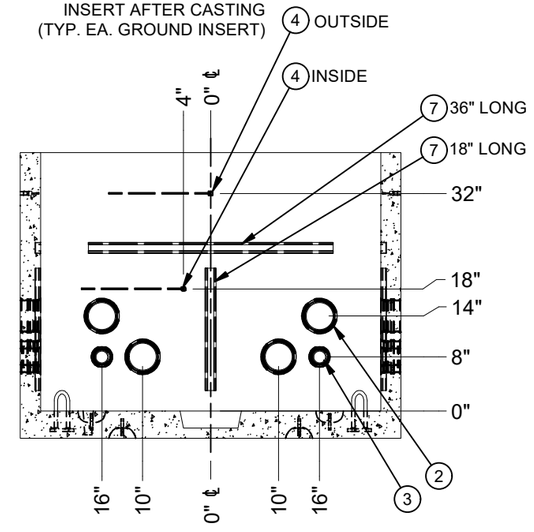



PLAN VIEW
(SHOWING OBJECT DIMENSIONS)

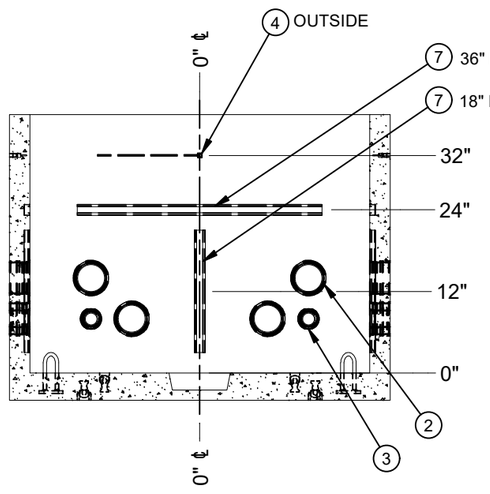
WELD TAIL TO REBAR CAGE AND CAP THREADS WITH PLASTIC INSERT AFTER CASTING (TYP. EA. GROUND INSERT)



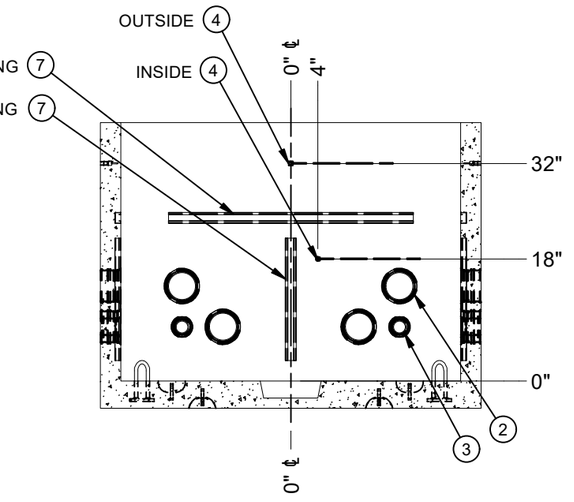

SECTION A-A




SECTION B-B




SECTION C-C




SECTION D-D

| | | | |
|---|---|---|---|
| BURY DEPTH: | 0.5' - 5.5' to Top | | |
| WATER LEVEL: | 5.0' | WEIGHT: | 3116.48 Lbs |
| DESIGN SPEC: | ASTM C857,ACI 318 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| REINFORCEMENT TYPE: | Rebar | LIFTING TYPE: | Tech Erection Anchor |

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| | | | |
|---|---|---|---|
| DESCRIPTION: | Vault 5050x38 Rect. Bottom Section Terminators Sump PGE Portland 39668<br>CASTING DRAWING | | REV: B-1 |
| PART NUMBER: | 400000807 | DRAWN BY: | E.Herrera |
| CREATED: | 11/14/2019 | MODIFIED: | 11/6/2024 |
| | | | SHEET: 2 OF 2 |

400000807.idw