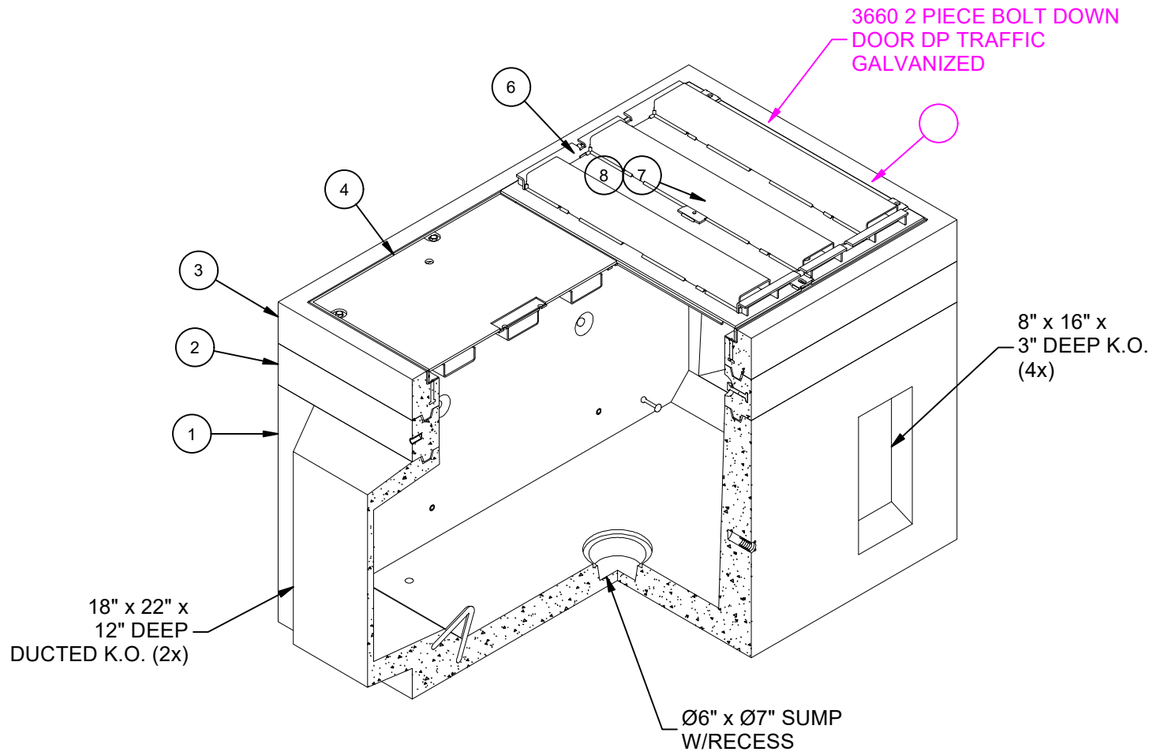
| DESIGN NOTES |
|---|
| ■ DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #31395. |
| ■ COVER DESIGNED FOR 16,000 LB LOAD ON 10" X 20" FOOTPRINT, WITH 30% IMPACT RESTRICTED TO UNRESTRICTED PARKING LANES AND ALLEYWAYS WHERE TRAFFIC SPEED IS LIMITED TO 15 MILES PER HOUR. (ASTM LOAD LEVEL 5) |
| ■ MINIMUM EXCAVATION SIZE: 4'-9" X 8'-0" X DEPTH REQ'D. |
| ■ VAULT TO BE PLACED ON A MIN. 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION. |
| ■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT. |
| ■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST. |

## BILL OF MATERIALS

| ITEM | UNIT QTY | QTY | PART NUMBER | DESCRIPTION | MASS (lb) |
|---|---|---|---|---|---|
| 1 | 1 | 1 | 100012211 | Vault 3660x30 Rect. Bottom Section Knockout Ducted,Sump | 3719 |
| 2 | 1 | 1 | 100012954 | Riser 3660x6 Rect. Riser LADWP/EDISON | 480 |
| 3 | 1 | 1 | 100012200 | Top Riser 3660x6 Cast-In Frame | 545 |
| 4 | 1 | 1 | 100006520 | DAS1-B-3660-D5-DP-G-FONT | 194 |
| 5 | 1 | 1 | 100006541 | DAS1-T-3660-D5-DP-G-BD-FONT-(SC3660-T) | 182 |
| 6 | 1 | 8 | 100004349 | BOLT HEX 1/2-13 UNC 2.5 304SS | |
| 7 | 1 | 2 | 100006739 | FONTANA NAME PLATE SS BLANK | |
| 8 | 1 | 2 | 100007650 | NAME PLATE HARDWARE KIT | |
| 9 | 1.000 ul | 1.000 ul | 100005749 | SEALANT JOINT BUTYL RUBBER ASTM C-990 AND M198 CS-102 1IN EQUIV X14.5FT PER BOX 118FT | |

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ISOMETRIC VIEW

| LIFTING NOTES |
|---|
| ■ FIELD INSTALLATION: PLANT DEMOLDING: MINIMUM HANDLING CONCRETE STRENGTH F'c = 5500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 4 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90° |

| | | | |
|---|---|---|---|
| BURY DEPTH: | 0.0' - 0.0' to Top | | |
| WATER LEVEL: | 3.0' | APPROX. WEIGHT: | 5090.1 Lbs |
| DESIGN SPEC: | ACI 318,ASTM C857 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| AGENCY: | | AGENCY SPEC: | |

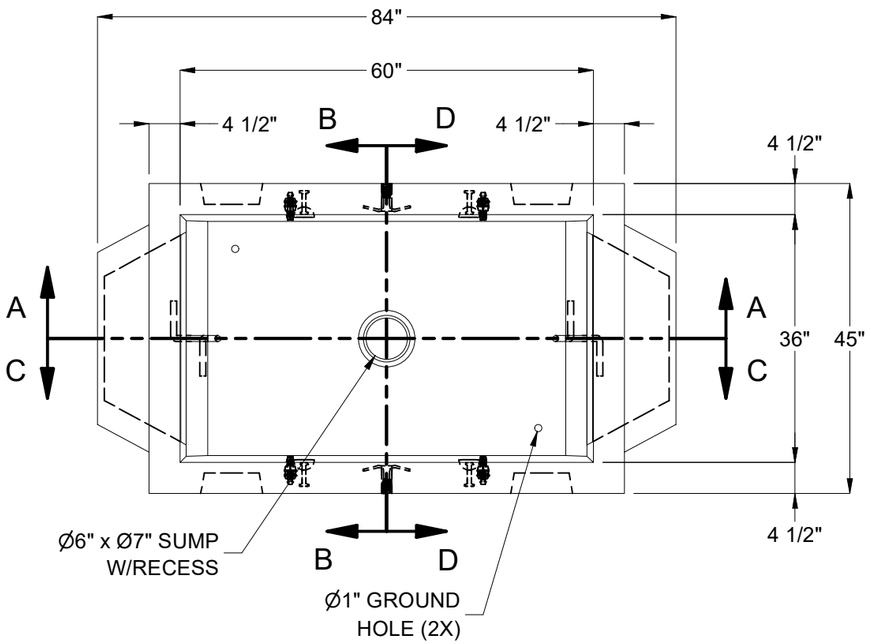
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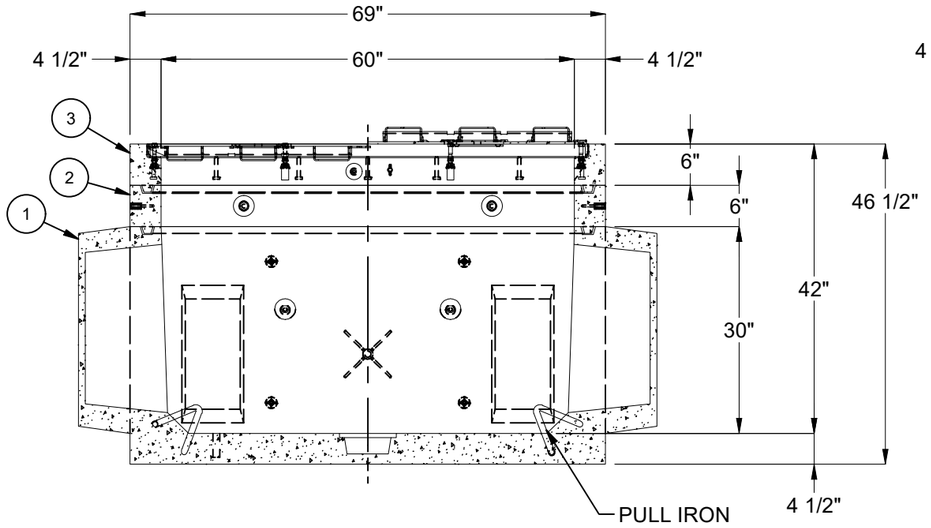
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| REVISION HISTORY | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | APPROVED |
| A-1 | INITIAL RELEASE | 7/9/2024 | |

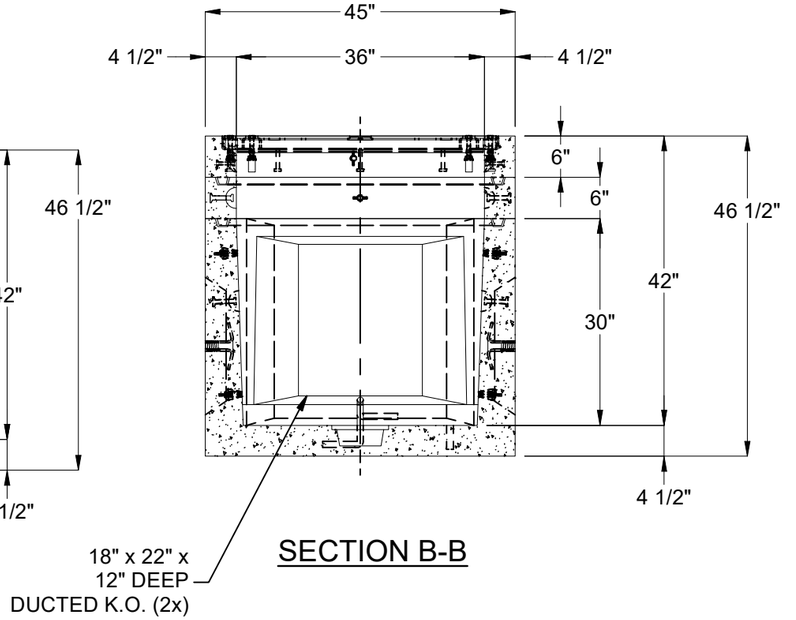
| | | | |
|---|---|---|---|
| DESCRIPTION: Vault Layout 3660x42 Knockout Ducted,Sump 36"x60"C Traffic Galvanized<br>LAYOUT REVIEW | | | REV: A-2 |
| PART NUMBER: | 200090792 | DRAWN BY: J. Prado | SHEET: 1 OF 2 |
| CREATED: | 7/8/2024 | MODIFIED: 7/9/2024 | |



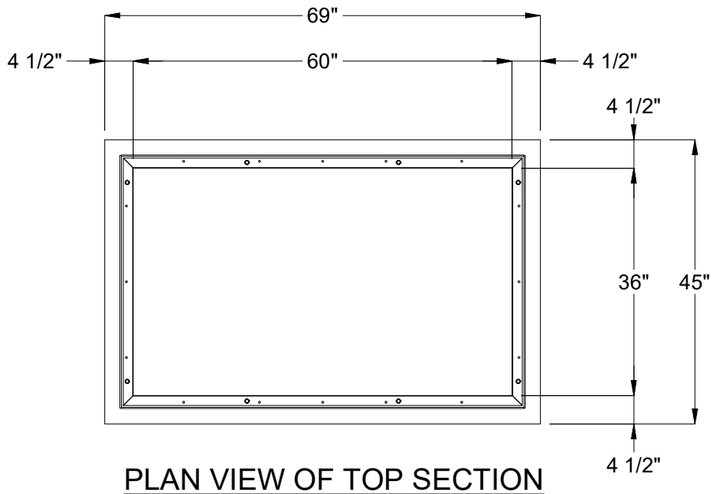

PLAN VIEW W/O TOP SECTION



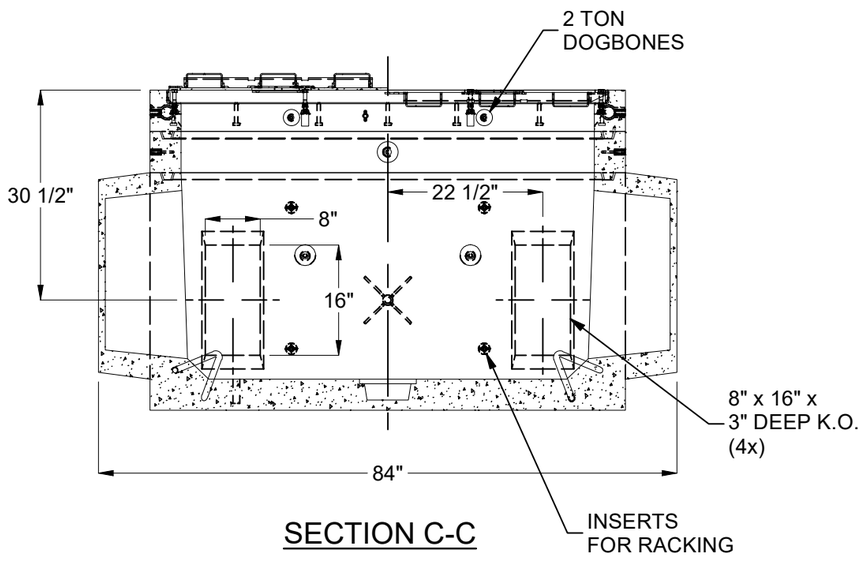

SECTION A-A



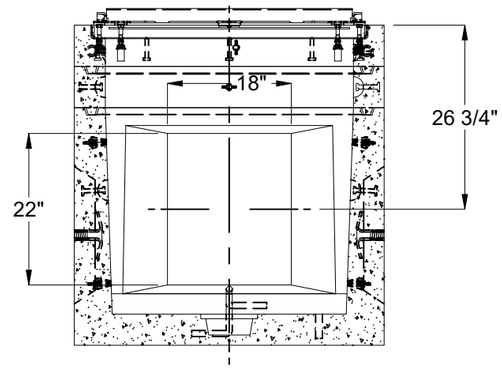

SECTION B-B




PLAN VIEW OF TOP SECTION




SECTION C-C




SECTION D-D

| | | | |
|---|---|---|---|
| BURY DEPTH: | 0.0' - 0.0' to Top | | |
| WATER LEVEL: | 3.0' | APPROX. WEIGHT: | 5090.1 Lbs |
| DESIGN SPEC: | ACI 318,ASTM C857 | LOADING SPEC: | A-16 (AASHTO HS20-44) |
| AGENCY: | | AGENCY SPEC: | |

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| | | | |
|---|---|---|---|
| DESCRIPTION: | Vault Layout 3660x42 Knockout Ducted,Sump 36"x60"C Traffic Galvanized<br>LAYOUT REVIEW | | REV: A-2 |
| PART NUMBER: | 200090792 | DRAWN BY: | J. Prado |
| CREATED: | 7/8/2024 | MODIFIED: | 7/9/2024 |
| | | | SHEET: 2 OF 2 |

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