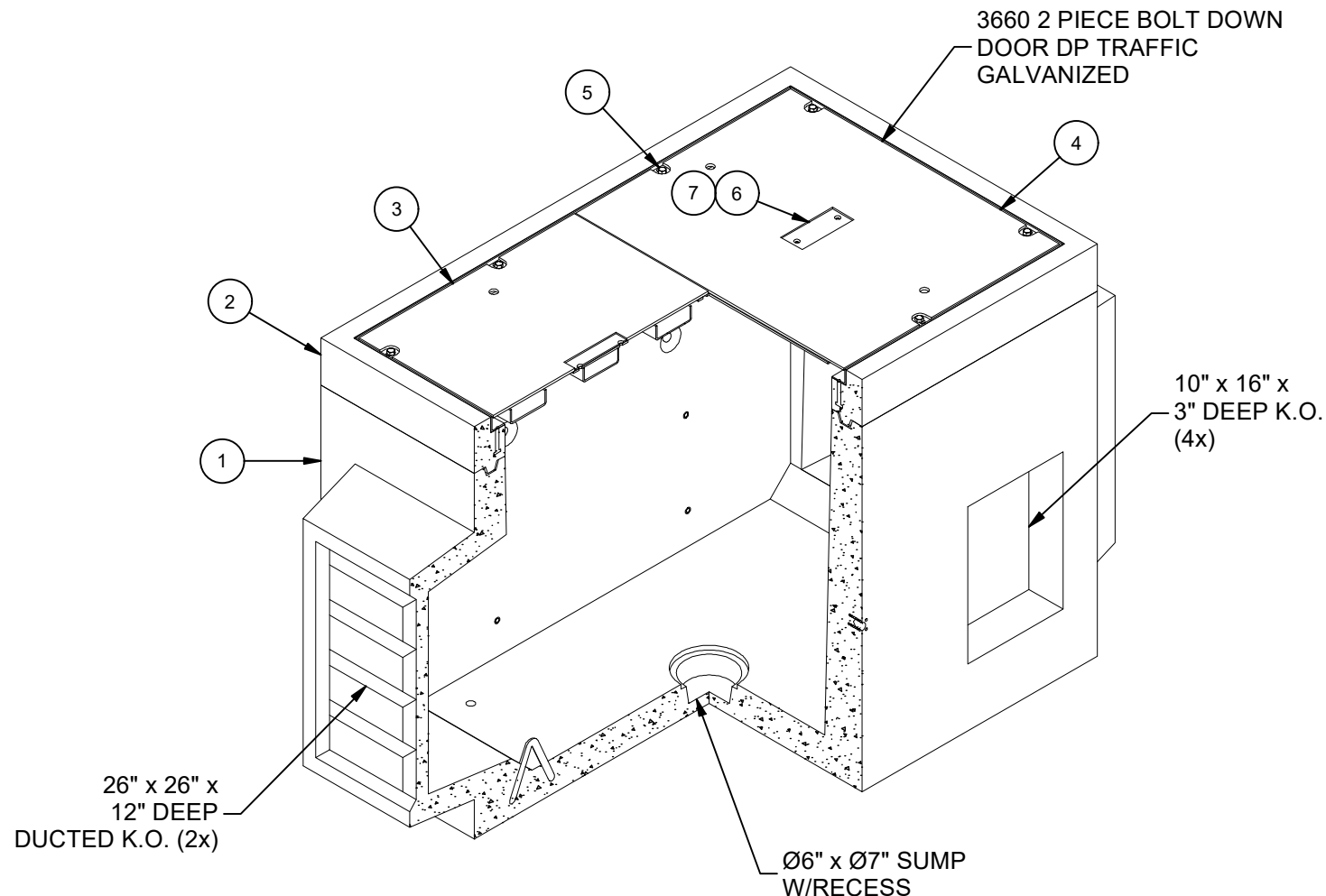


DESIGN NOTES

- 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 ALLEYS WHERE TRAFFIC SPEED IS LIMITED TO 15 MILES PER HOUR. (ASTM LOAD LEVEL 5)
- MINIMUM EXCAVATION SIZE: 5'-0" X 8'-7" 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	100007452	Vault 3660x42 Rect. Bottom Section Knockout Ducted,Sump Edison	4935
2	1	1	100012200	Top Riser 3660x6 Cast-In Frame	513
3	1	1	100006520	DAS1-B-3660-D5-DP-G-FONT	194
4	1	1	100006541	DAS1-T-3660-D5-DP-G-FONT-(SC3660-TGV)	182
5	1	8	100004349	BOLT HEX 1/2-13 UNC 2.5 304SS	
6	1	2	100006739	FONTANA NAME PLATE SS BLANK	
7	1	2	100007650	NAME PLATE HARDWARE KIT	
8	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	



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: | 5826.37 Lbs |
| DESIGN SPEC: | ACI 318,ASTM C857 |
| LOADING SPEC: | A-16 (AASHTO HS20-44) |
| AGENCY: | AGENCY SPEC: |

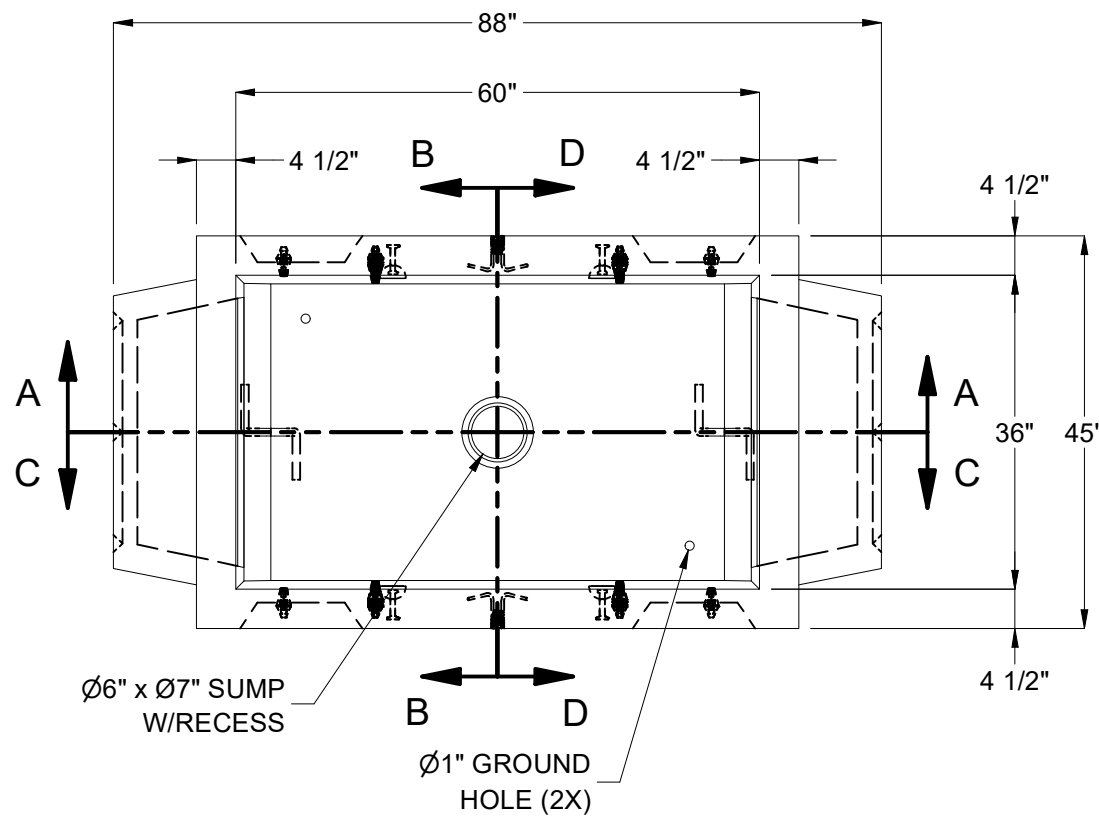
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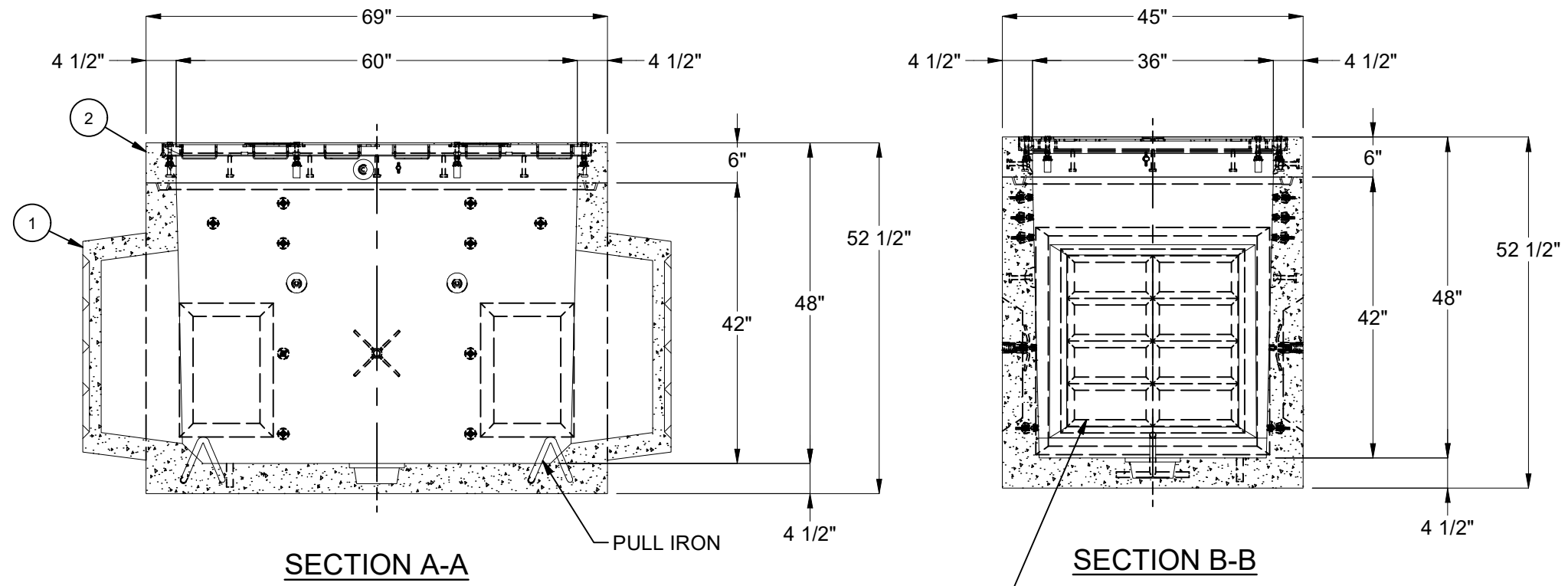
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B-1	INITIAL RELEASE INVENTOR	6/20/2024	

DESCRIPTION:	Vault Layout 3660x48 Knockout Ducted,Sump 36"x60"C Traffic Galvanized	REV:	B-1
LAYOUT REVIEW		SHEET:	1 OF 2
PART NUMBER:	100010356	DRAWN BY:	J. Prado
CREATED:	3/20/2024	MODIFIED:	6/20/2024

100010356.rdw



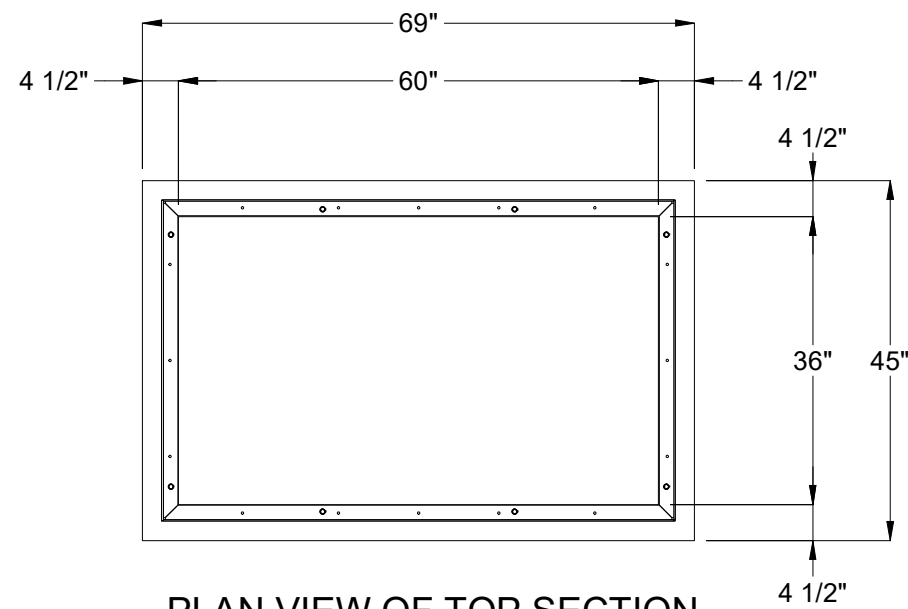
PLAN VIEW W/O TOP SECTION



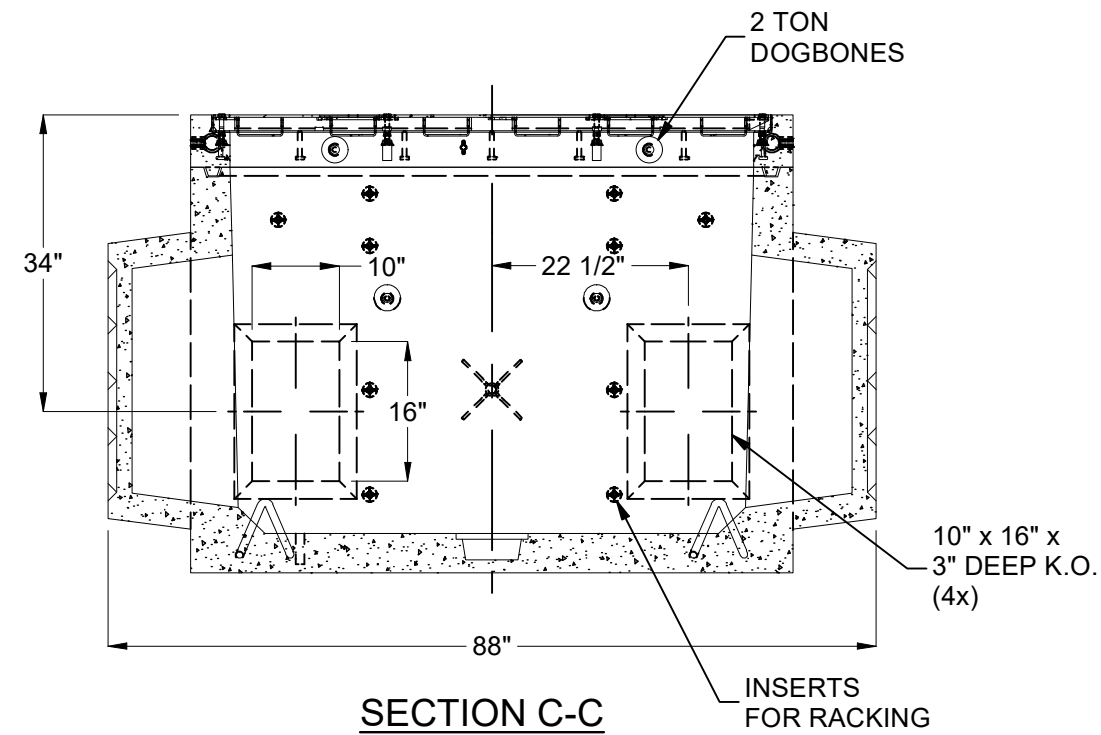
SECTION A-A

SECTION B-B

26" x 26" x 12" DEEP DUCTED K.O. (2x)



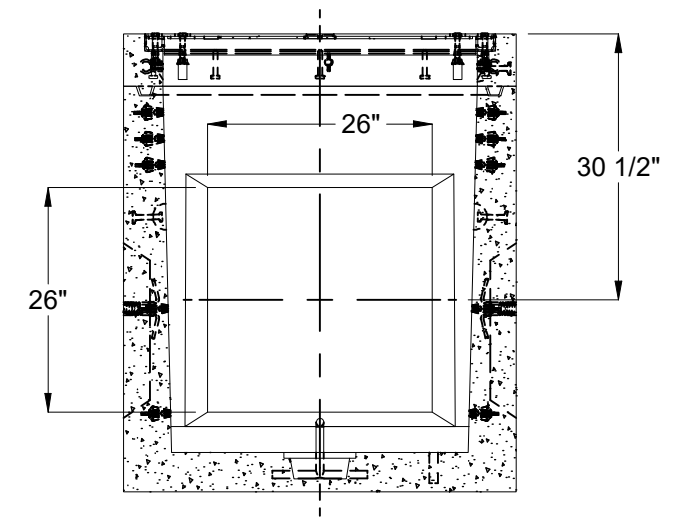
PLAN VIEW OF TOP SECTION



SECTION C-C

INSERTS FOR RACKING

10" x 16" x 3" DEEP K.O. (4x)



SECTION D-D

100010356.dwg

BURY DEPTH:	0.0' - 0.0' to Top
WATER LEVEL:	3.0'
DESIGN SPEC:	ACI 318, ASTM C857
AGENCY:	
APPROX. WEIGHT:	5826.37 Lbs
LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY SPEC:	

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DESCRIPTION:	Vault Layout 3660x48 Knockout Ducted, Sump 36"x60"C Traffic Galvanized	
PART NUMBER:	100010356	DRAWN BY: J. Prado
CREATED:	3/20/2024	MODIFIED: 6/20/2024

REV:	B-1
SHEET:	2 OF 2