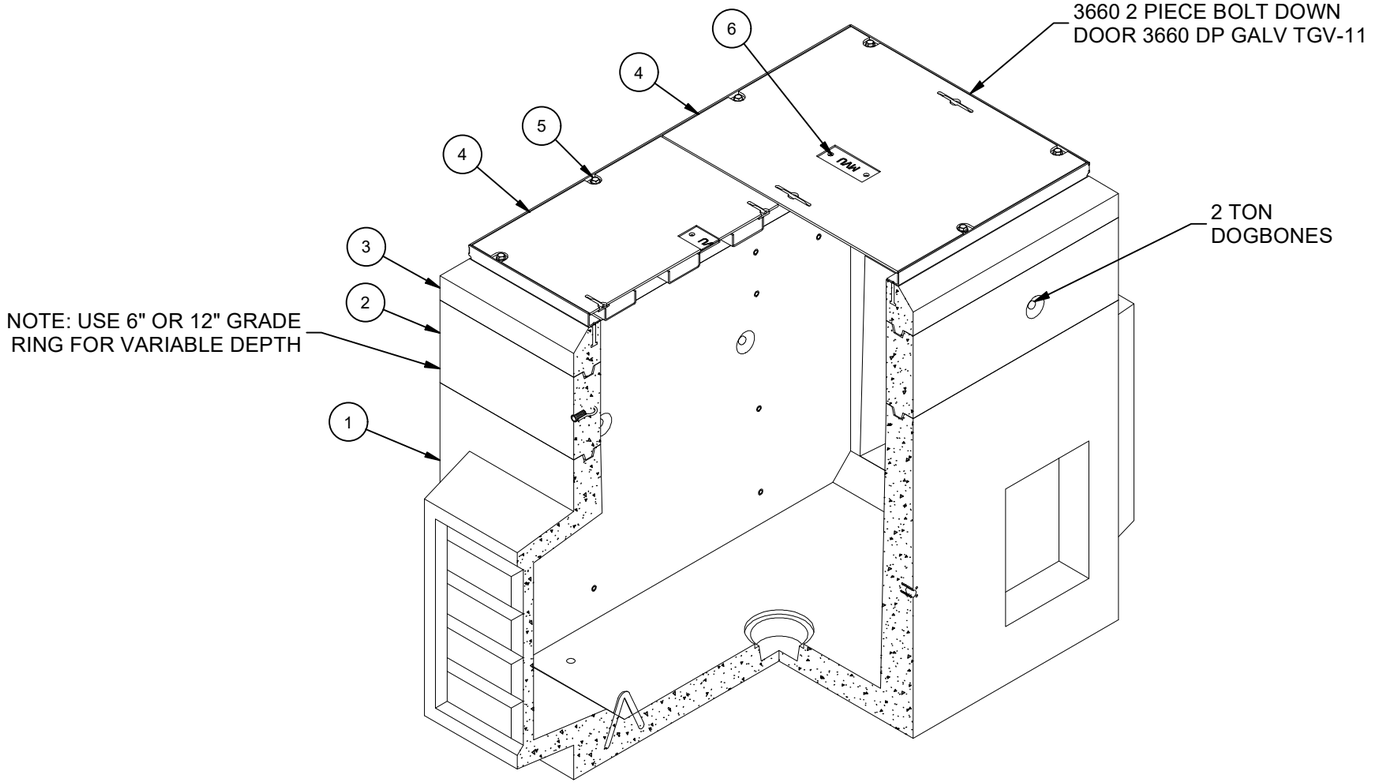
DESIGN NOTES
■ DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #31354.
■ COVER DESIGNED FOR OFF STREET TRUCK TRAFFIC: 16,000 LB 10" X 20" FOOTPRINT WITH 30% IMPACT RESTRICTED TO UNRESTRICTED PARKING LANES AND ALLEYWAYS WHERE TRAFFIC SPEED IS LIMITED TO 15 MPH.
■ MINIMUM EXCAVATION SIZE: 4'-9" X 8'-4" 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	4952
2	1	1	100012177	Riser 3660x12	1004
3	1	1	100012206	Top Riser 3660x8 Cast-In Frame Edison	539
4	1	2	100006660	DAS2-T-3660-D5-DP-G-FONT-(TGV-11)	183
5	1	8	100008105	PENTA BOLT 1/2-13 UNC 2-1/2 304SS W/CAPWASH	
6	1	2	100007303	NAME PLATE 3X7-1/2 SS - MVU	
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	

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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°

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A-2	INITIAL RELEASE	3/22/2024	

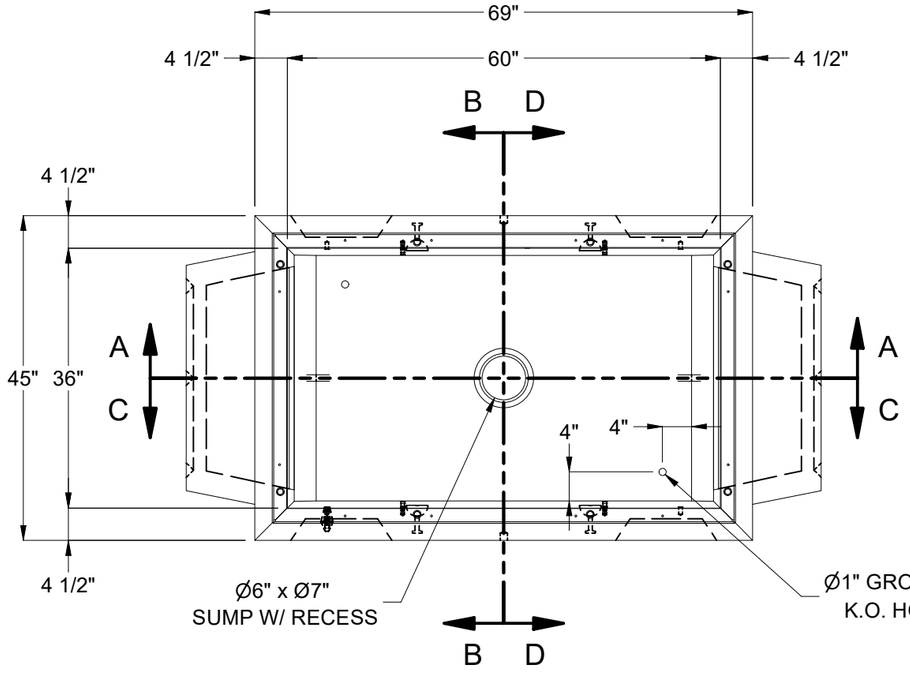
BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	6800.15 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Moreno Valley	AGENCY SPEC:	MVEU-721-0

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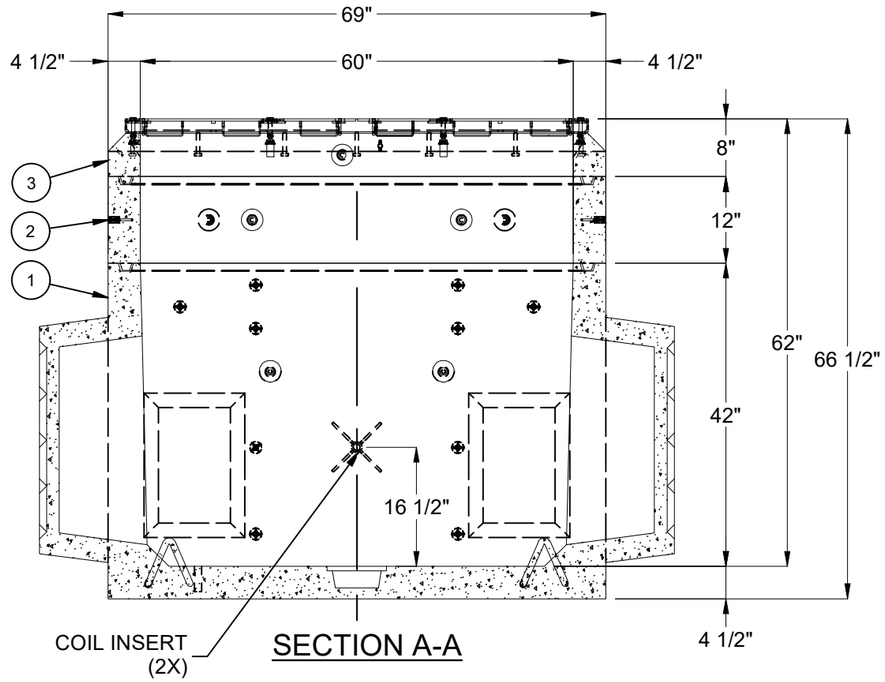
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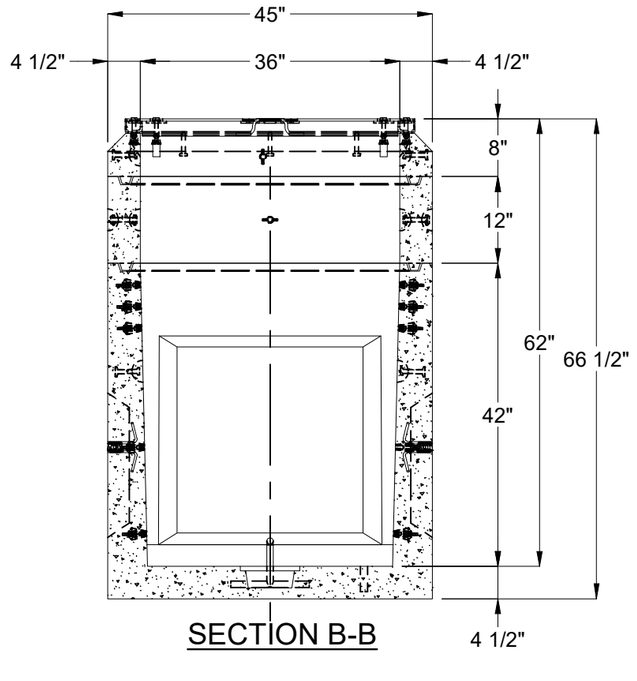
DESCRIPTION:	Vault Layout 3660x62 Knockout Ducted,Sump 36"x60"C Moreno Valley MVEU-721-0 LAYOUT REVIEW		REV: A-2
PART NUMBER:	200071605	DRAWN BY: J. Prado	SHEET: 1 OF 2
CREATED:	1/9/2023	MODIFIED: 3/22/2024	



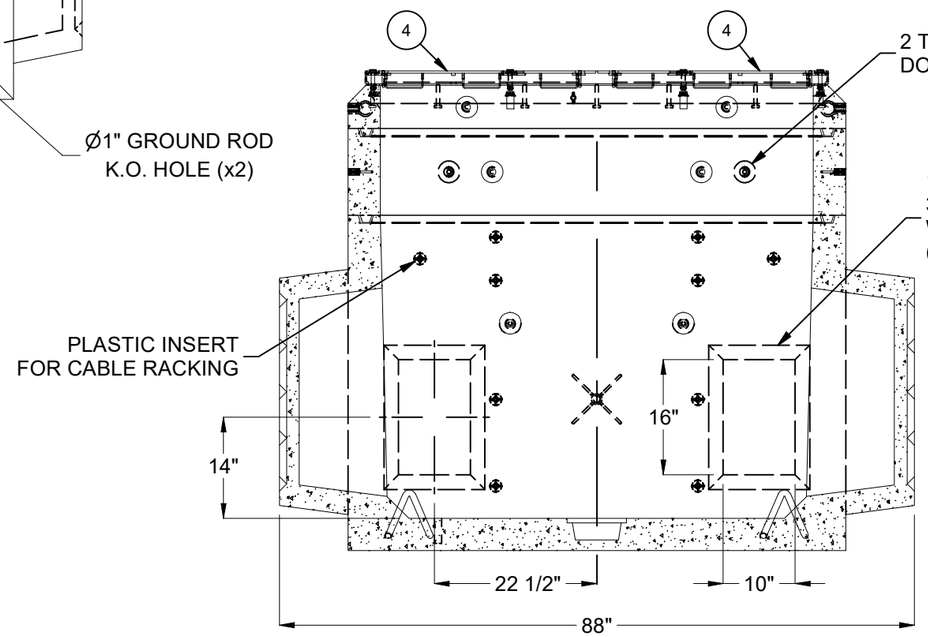
PLAN VIEW
(COVER NOT SHOWN FOR CLARITY)



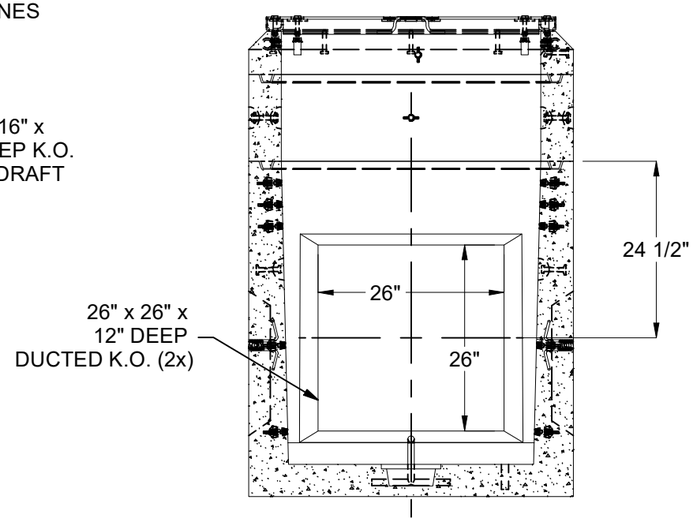
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	6800.15 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Moreno Valley	AGENCY SPEC:	MVEU-721-0

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DESCRIPTION:	Vault Layout 3660x62 Knockout Ducted,Sump 36"x60"C Moreno Valley MVEU-721-0 LAYOUT DRAWING		REV: A-2
PART NUMBER:	200071605	DRAWN BY:	J. Prado
CREATED:	1/9/2023	MODIFIED:	3/22/2024

SHEET: 2 OF 2

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