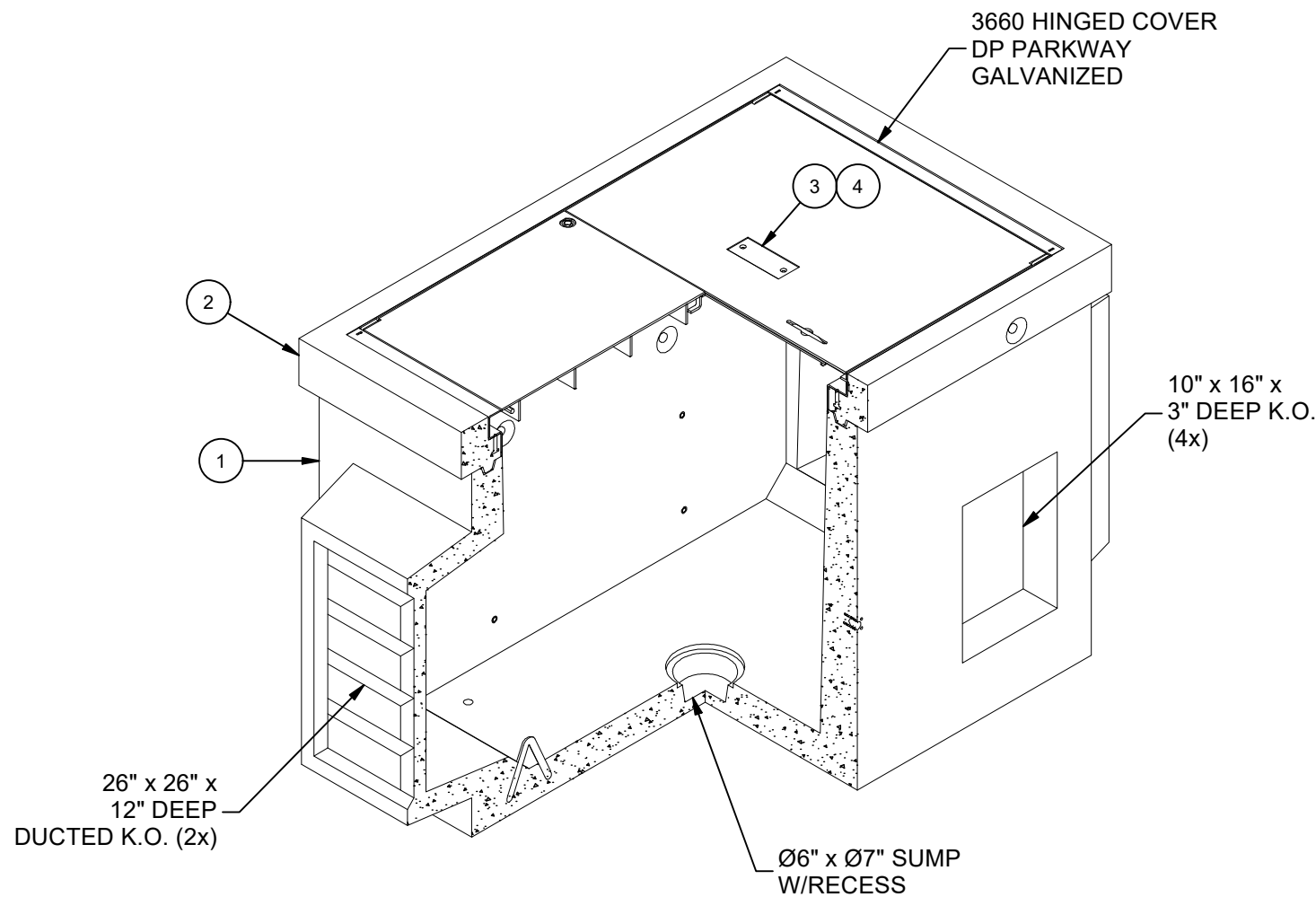


DESIGN NOTES

- 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 300 PSF, OR 600 lb LOAD ON 5.5" x 5.5" FOOTPRINT RESTRICTED TO AREAS OF PEDESTRIAN USE AND LIGHT MAINTENANCE VEHICLES USE, AND OTHER AREAS THAT ARE INACCESSIBLE TO ALL OTHER VEHICLE TRAFFIC.
- 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	100012684	Top Riser 3660x6 Cast-In Cover	948
3	1	1	100006739	FONTANA NAME PLATE SS BLANK	
4	1	1	100007650	NAME PLATE HARDWARE KIT	
5	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'
DESIGN SPEC:	ACI 318,ASTM C857
AGENCY:	
APPROX. WEIGHT:	5880.83 Lbs
LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY SPEC:	



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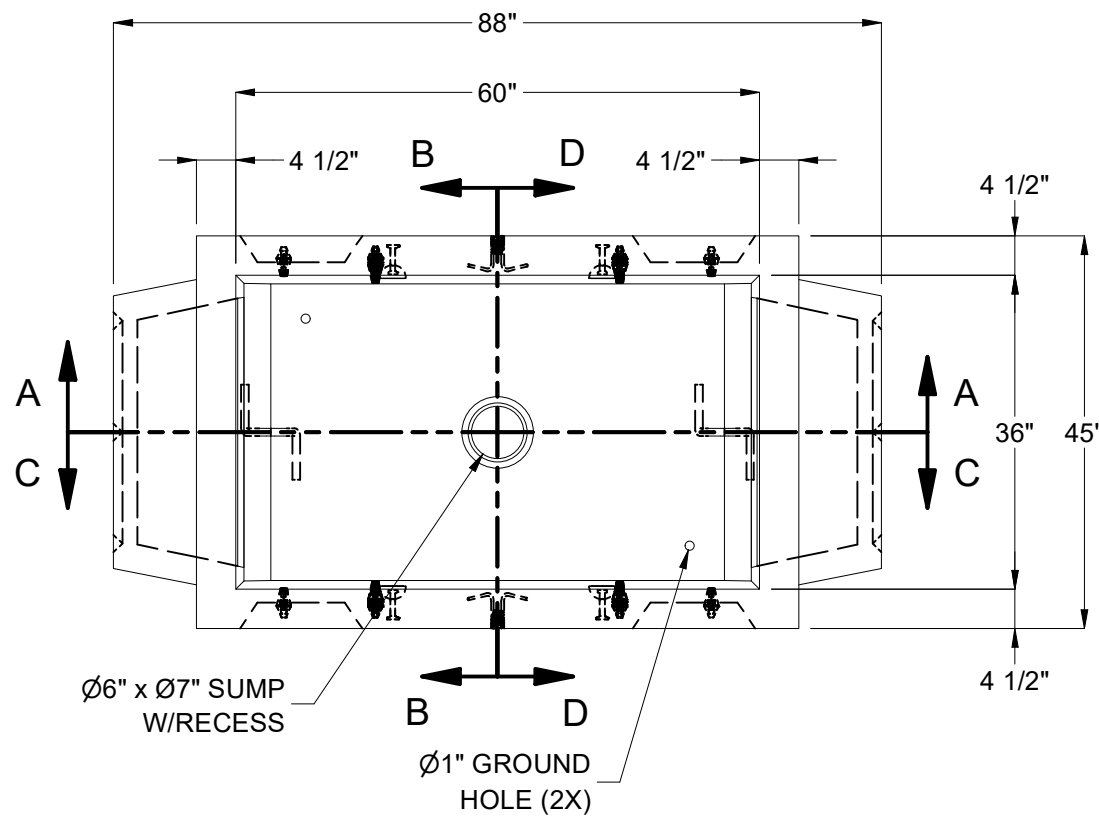
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REVISION HISTORY

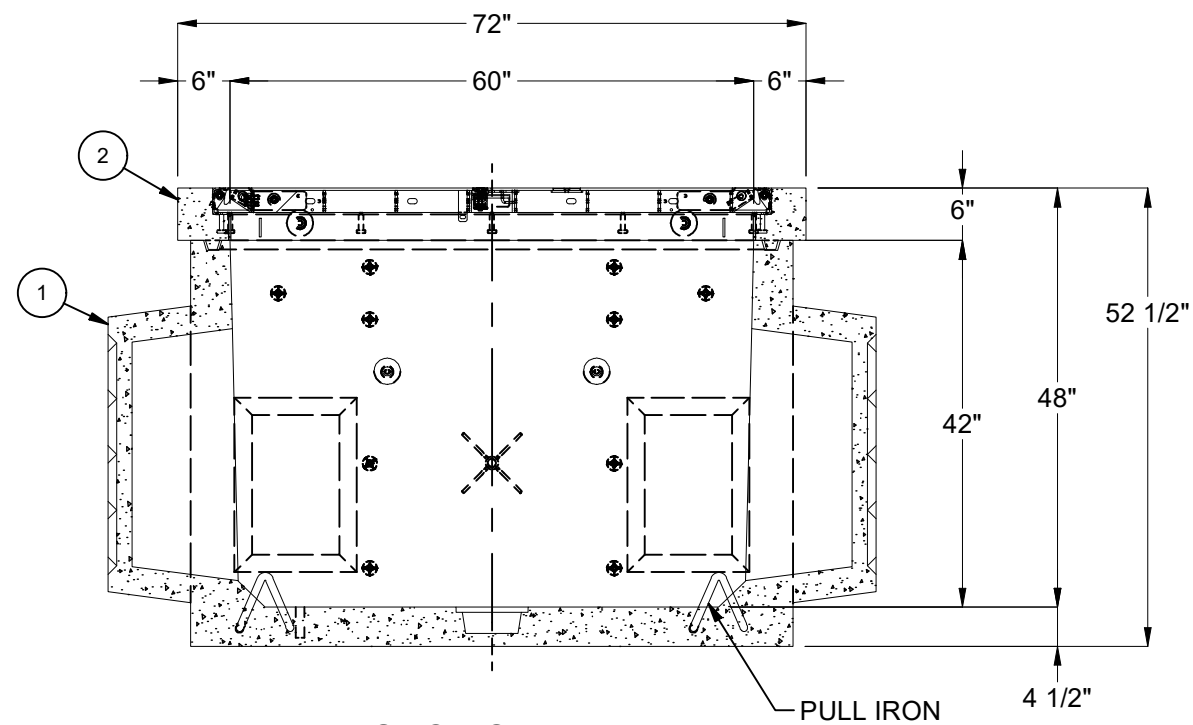
REV	DESCRIPTION	DATE	APPROVED
B-2	INITIAL RELEASE INVENTOR	6/21/2024	

DESCRIPTION:	Vault Layout 3660x48 Knockout Ducted,Sump 36"x60"C Parkway Galvanized		REV:	B-2
PART NUMBER:	100010354	DRAWN BY:	J. Prado	SHEET:
CREATED:	3/20/2024	MODIFIED:	6/21/2024	1 OF 2

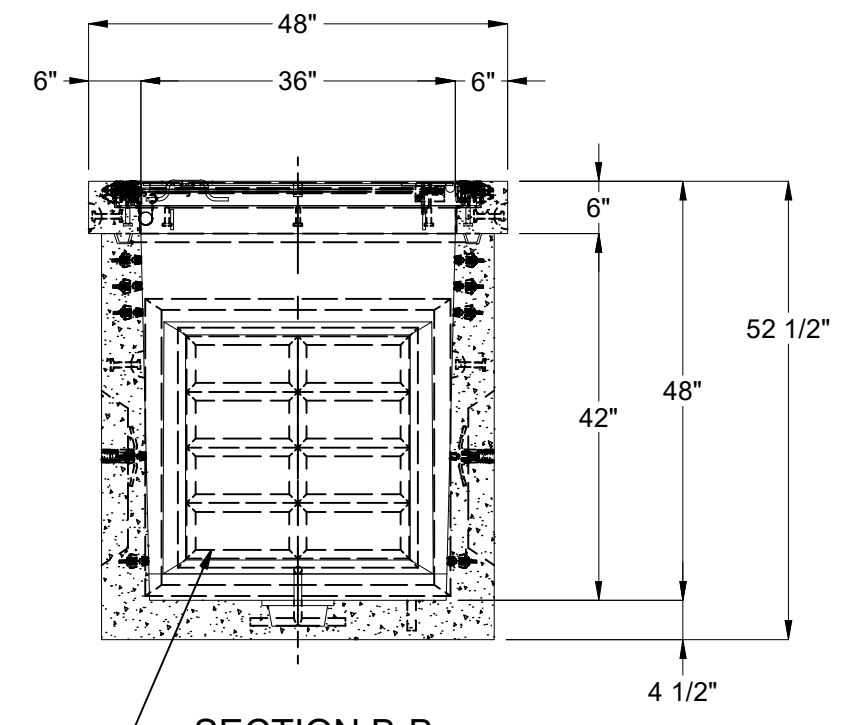
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PLAN VIEW W/O TOP SECTION

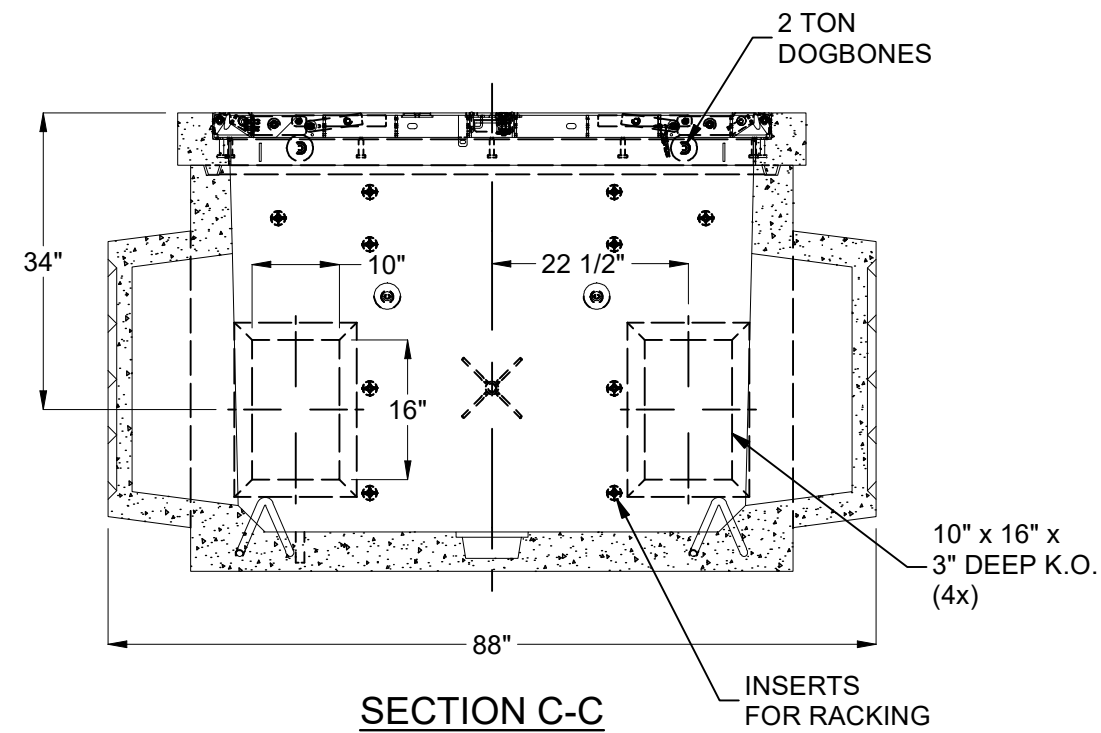


SECTION A-A

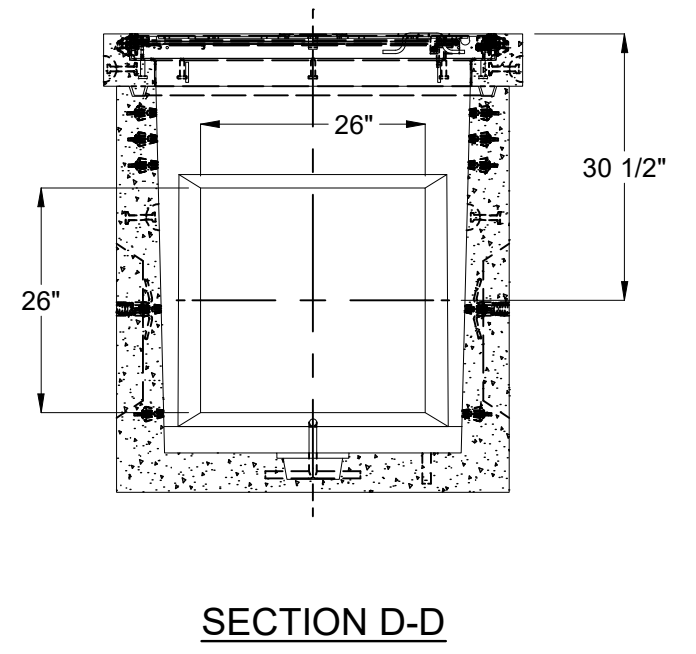


SECTION B-B

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



SECTION C-C



SECTION D-D

100010354.dwg

BURY DEPTH:	0.0' - 0.0' to Top
WATER LEVEL:	3.0'
DESIGN SPEC:	ACI 318, ASTM C857
AGENCY:	
APPROX. WEIGHT:	5880.83 Lbs
LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY SPEC:	

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DESCRIPTION:	Vault Layout 3660x48 Knockout Ducted, Sump 36"x60"C Parkway Galvanized	
PART NUMBER:	100010354	DRAWN BY: J. Prado
CREATED:	3/20/2024	MODIFIED: 6/21/2024

REV:	B-2
SHEET:	2 OF 2