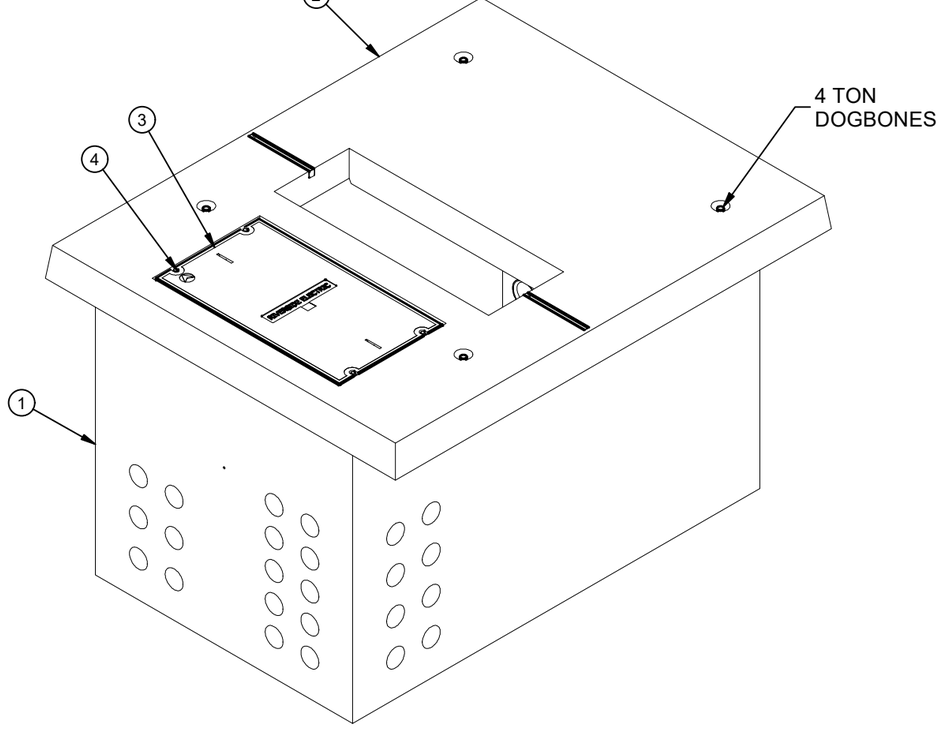
DESIGN NOTES
■ DESIGNED IN ACCORDANCE WITH ASTM C857 LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #30500
■ MINIMUM EXCAVATION SIZE: 7'-0" X 10'-6" DEPTH REQ'D.
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.
■ COVER DESIGN FOR PARKWAY LOADING (300 PSF)
■ VAULT TO BE PLACED ON A MIN. 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
■ FINISH COATING: ALL INTERIOR WALLS AND CEILING SHALL BE PAINTED WHITE.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	1	100012305	Vault 60102x61 Rect. Bottom Section Terminators Sump RIVERSIDE UGS-010, SB-4	14843
2	1	1	100012288	Pad 96120x8 26"x48"E Riverside UGS-010	6200
3	1	1	100007047	COVER 2648 POLYMER RIVERSIDE ELECTRIC	225
4	1	4	100008105	PENTA BOLT 1/2-13 UNC 2-1/2 304SS W/CAPWASH	
5	1.500 gal	1.500 gal	100006420	COATING PAINT LATEX WHITE	

100010608.idw



ISO 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:	-0.3' - -0.3' to Top of Section		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	21287.07 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	RIVERSIDE	AGENCY SPEC:	UGS-010

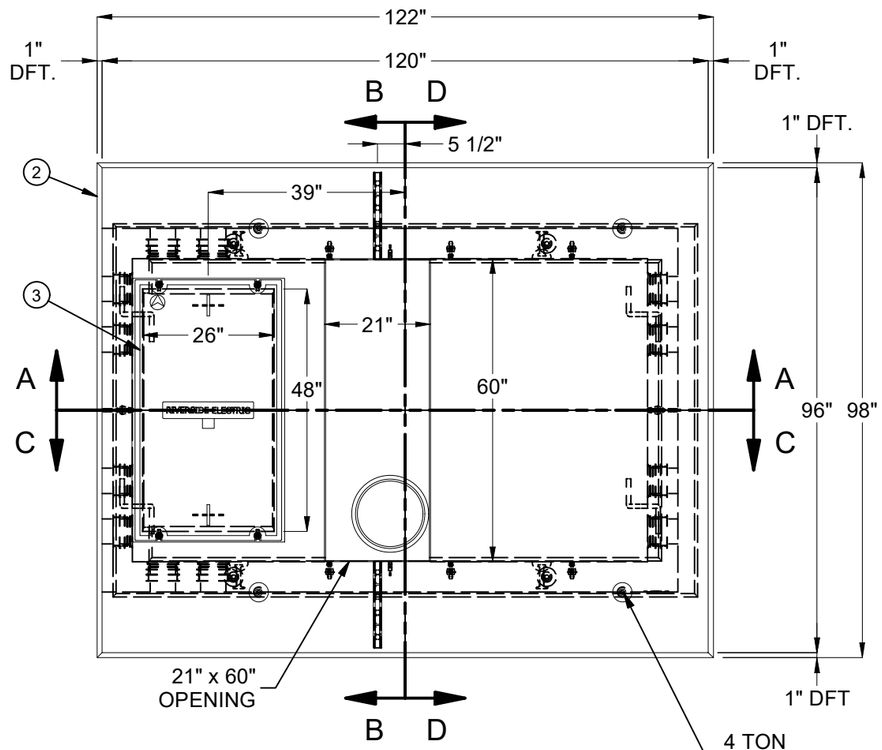
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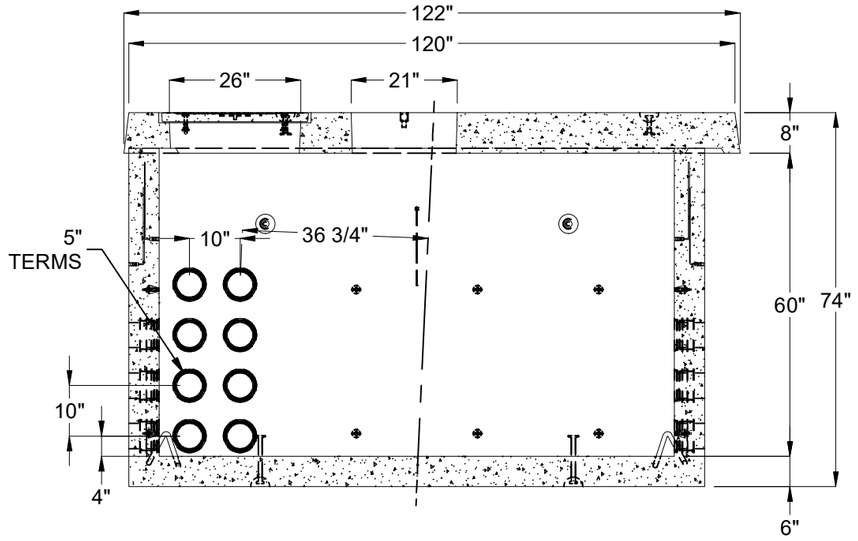
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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D-1	UPDATED BOM	12/9/2022	

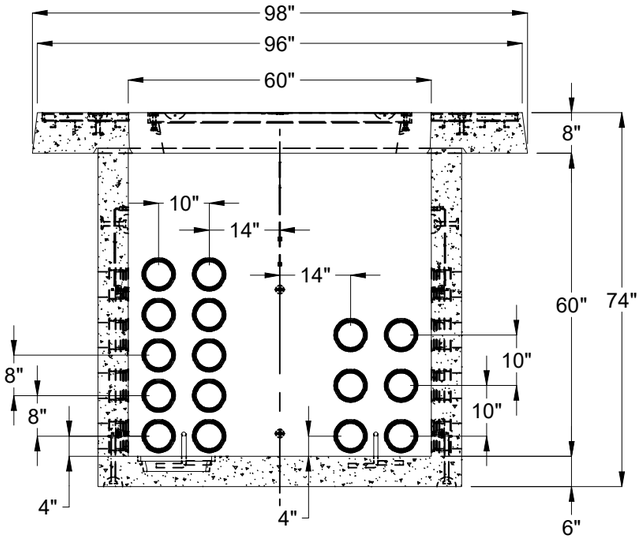
DESCRIPTION: Utility Vault 96120 Layout Assembly RIVERSIDE UGS-010 LAYOUT REVIEW			REV: D-1
PART NUMBER:	100010608	DRAWN BY: J. Prado	SHEET: 1 OF 2
CREATED:	10/20/2020	MODIFIED: 12/9/2022	



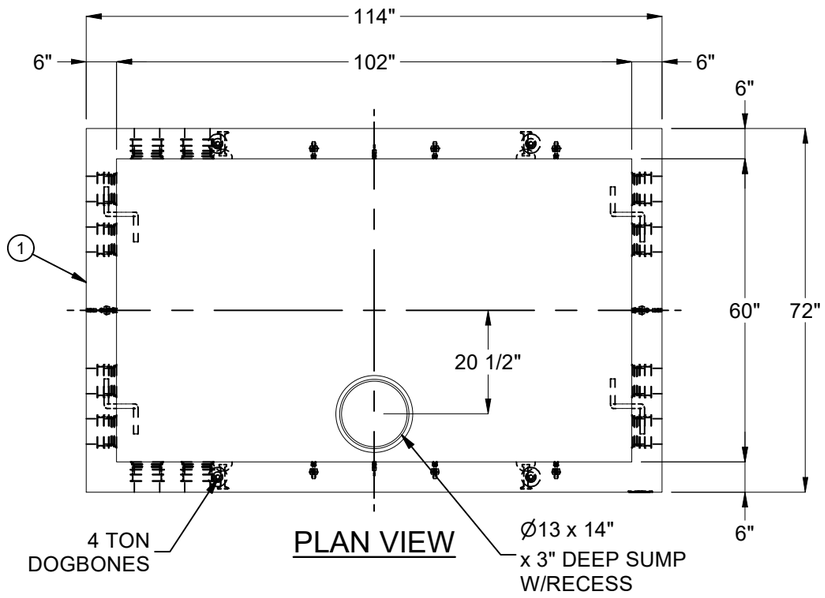
PLAN VIEW OF TRANSFORMER PAD



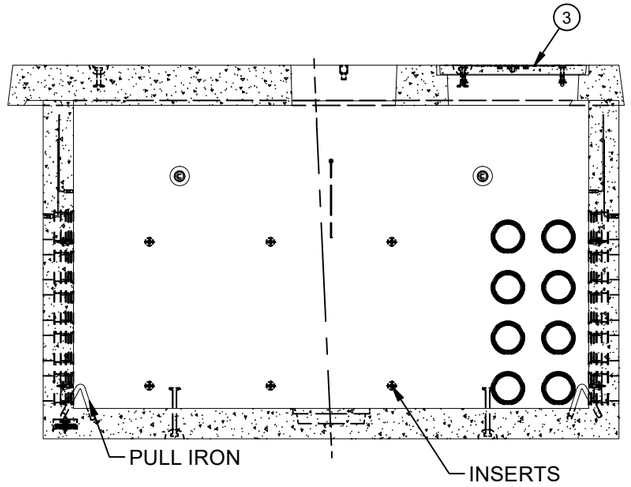
SECTION A-A



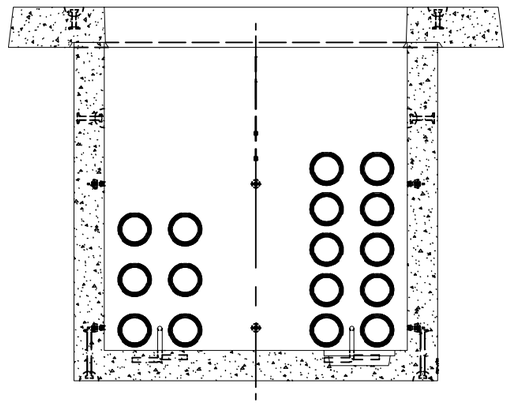
SECTION B-B



PLAN VIEW



SECTION C-C



SECTION D-D

100010608.idw

BURY DEPTH:	-0.3' - -0.3' to Top of Section		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	21287.07 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	RIVERSIDE	AGENCY SPEC:	UGS-010

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DESCRIPTION:	Utility Vault 96120 Layout Assembly RIVERSIDE UGS-010 LAYOUT DRAWING		REV: D-1
PART NUMBER:	100010608	DRAWN BY:	J. Prado
CREATED:	10/20/2020	MODIFIED:	12/9/2022
			SHEET: 2 OF 2