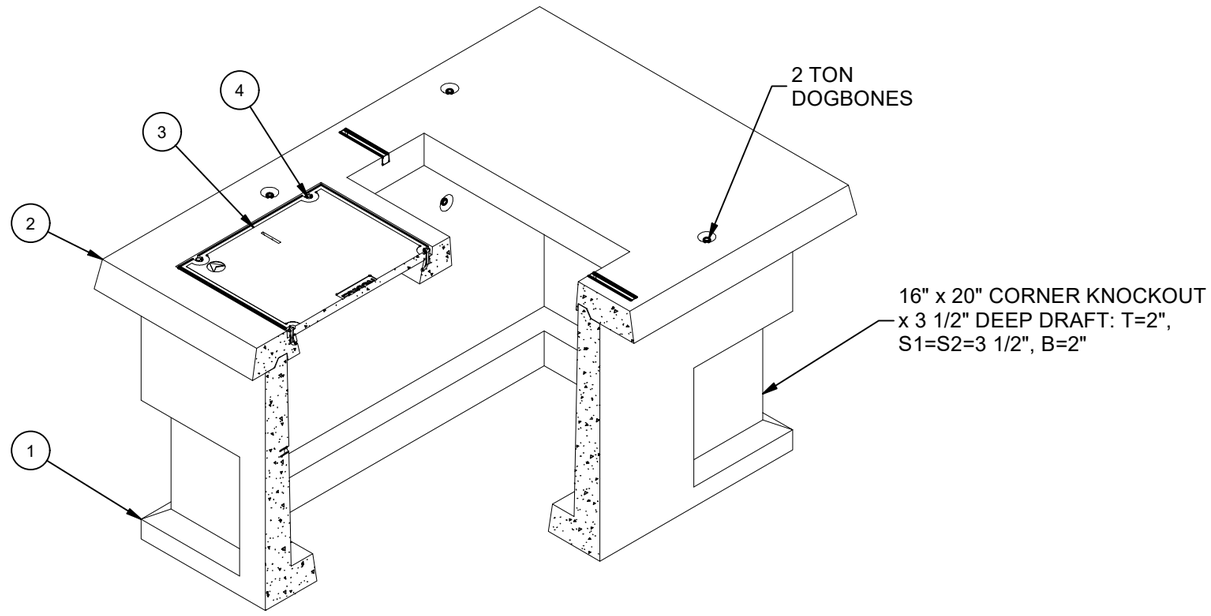
DESIGN NOTES
■ DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 5500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #31655.
■ COVER DESIGN FOR PARKWAY LOADING (300 PSF).
■ MINIMUM EXCAVATION SIZE: 5'-10" X 9'-0" X DEPTH 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	100012313	Vault 4884x42 Rect. Bottom Section Thinwall ED/AN/RP/AZ UGS SS530, SB-2	6265
2	1	1	100012277	Pad 72102x6 EDISON UGS SS530, SB-1	2632
3	1	1	100007038	COVER 3048 POLYMER EDISON	259
4	1	6	100008105	PENTA BOLT 1/2-13 UNC 2-1/2 304SS W/CAPWASH	
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	

100010543.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:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	9157.29 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Edison	AGENCY SPEC:	UGS SS530, SB-1

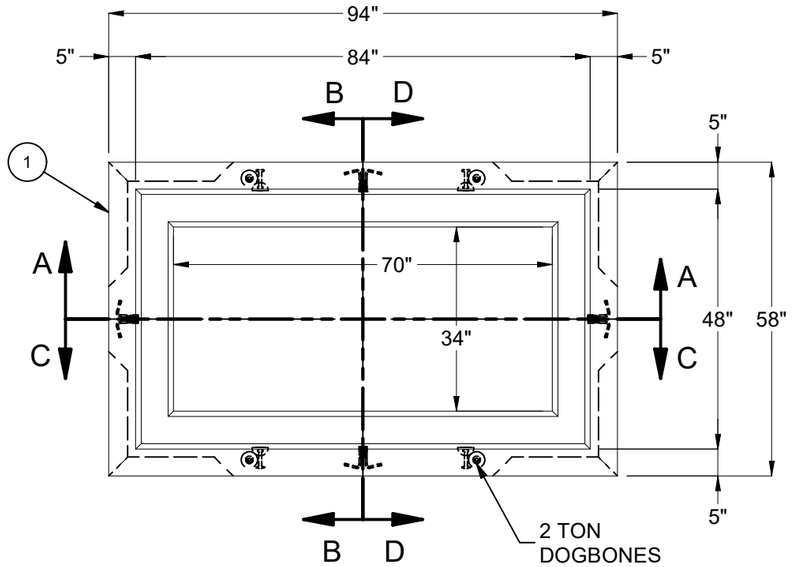
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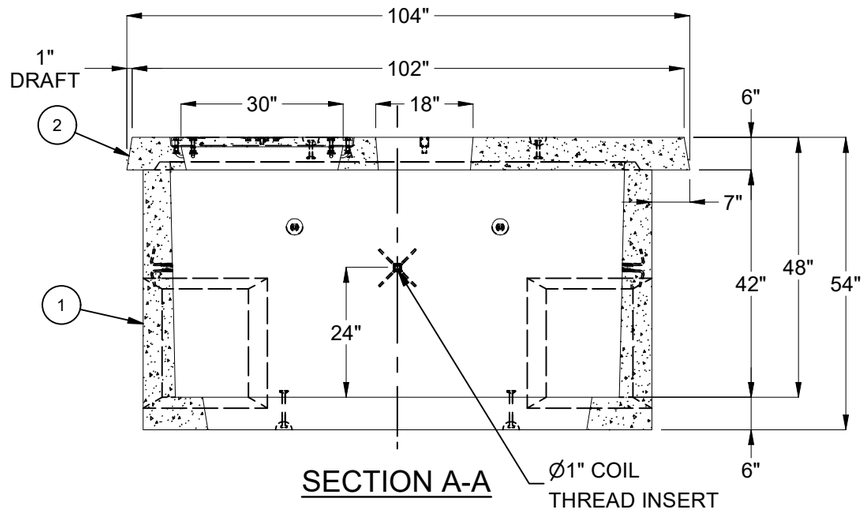
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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B-2	RELEASED IN INVENTOR	2/16/2024	

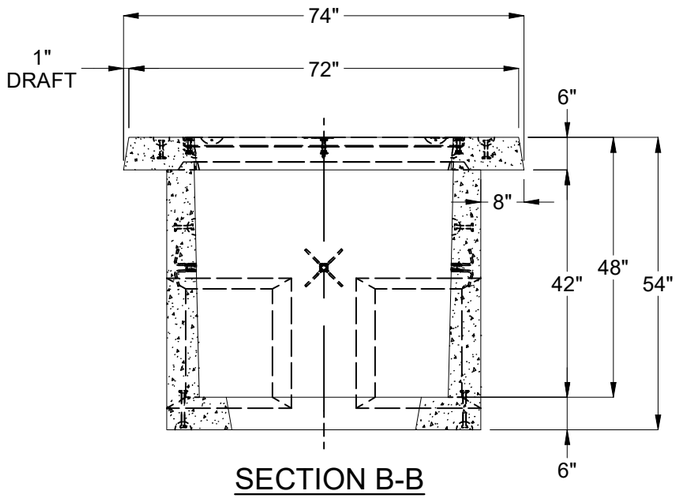
DESCRIPTION: Slab Box Layout 4884x42 Knockout 30"x48"E Edison UGS SS530, SB-1 LAYOUT REVIEW			REV: B-1
PART NUMBER:	100010543	DRAWN BY: D. Mejia	SHEET: 1 OF 2
CREATED:	9/27/2019	MODIFIED: 2/16/2024	



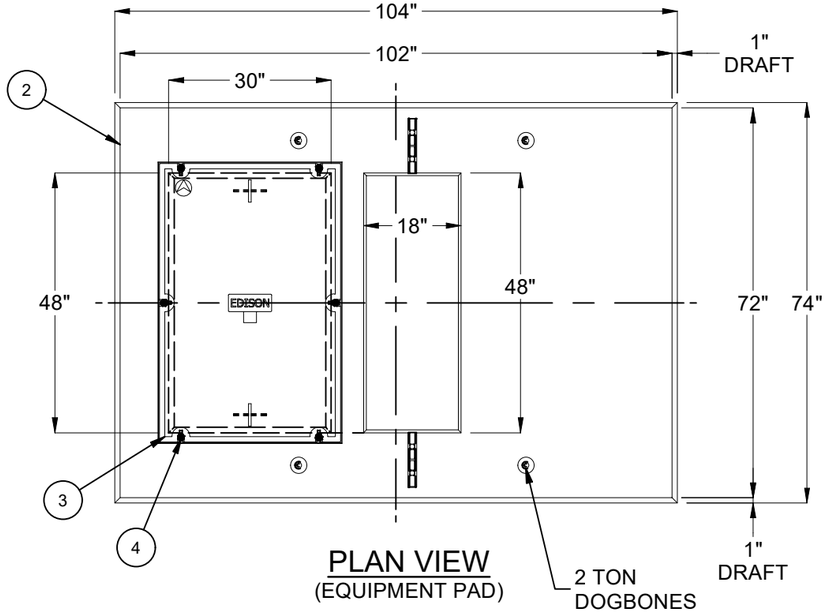
PLAN VIEW
(W/ OUT EQUIPMENT PAD)



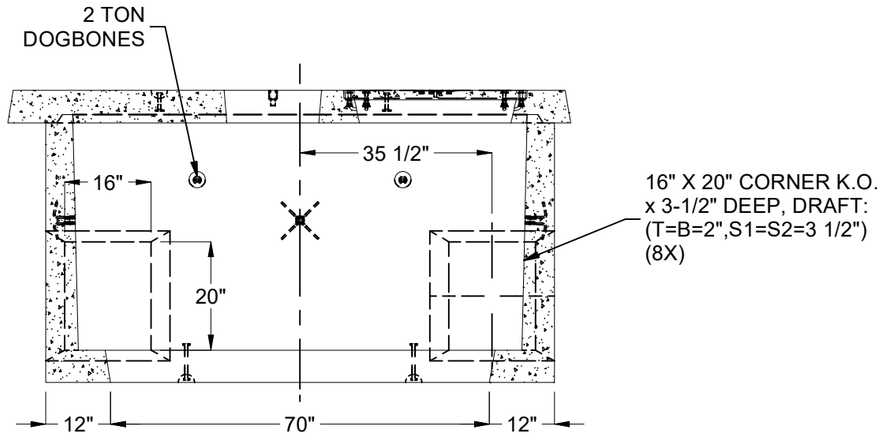
SECTION A-A



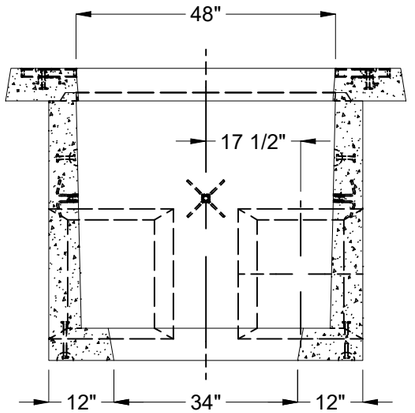
SECTION B-B



PLAN VIEW
(EQUIPMENT PAD)



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	9157.29 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Edison	AGENCY SPEC:	UGS SS530, SB-1

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DESCRIPTION:	Slab Box Layout 4884x42 Knockout 30"x48"E Edison UGS SS530, SB-1 LAYOUT DRAWING		REV: B-1
PART NUMBER:	100010543	DRAWN BY:	D. Mejia
CREATED:	9/27/2019	MODIFIED:	2/16/2024
			SHEET: 2 OF 2

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