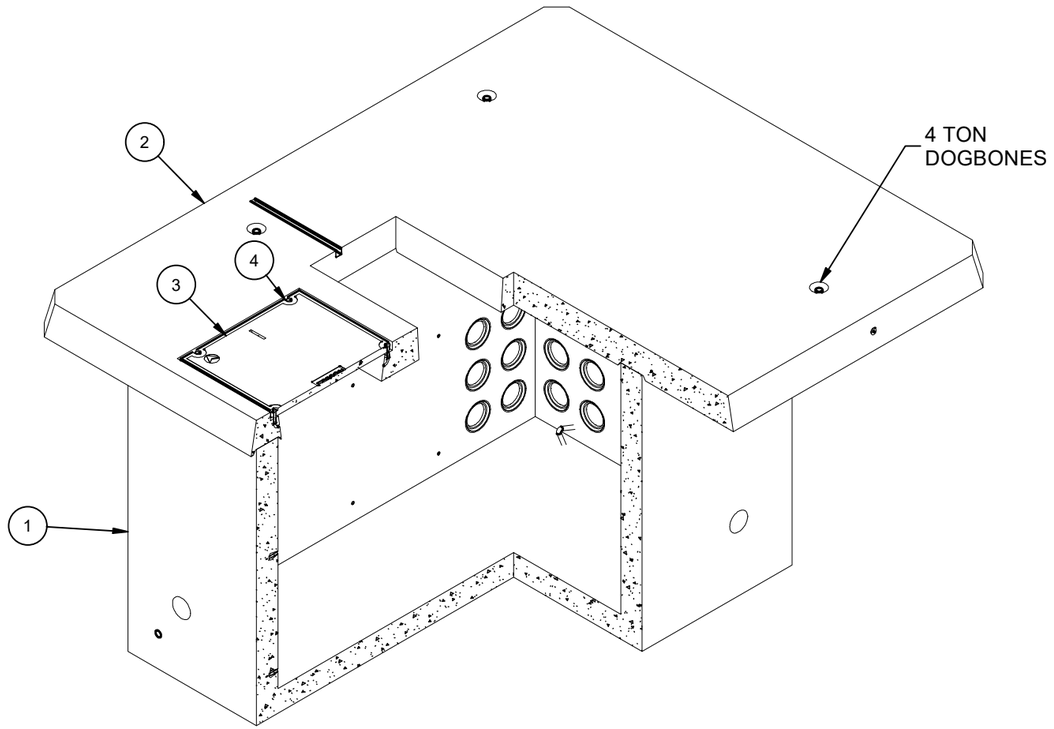
DESIGN NOTES
■ DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #30500.
■ PAD CONCRETE LOAD DESIGNATION A-0.3 (300 PSF) PARKWAY LOADING/30,000 LB TRANSFORMER.
■ COVER DESIGNED FOR PARKWAY LOADING.
■ FINISH COATING: ALL INTERIOR WALLS AND CEILING SHALL BE PAINTED WHITE.
■ SWITCH ENCLOSURE TO BE PLACED ON A MIN. 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
■ MINIMUM EXCAVATION SIZE 7'-6" x 11'-0" x DEPTH REQ'D.
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	1	200012579	Vault 60102x61 Rect. Bottom Section Terminators Sump EDISON UGS SS535, SB-3	14981
2	1	1	200012607	Pad 120144x8 30"x48"E Edison UGS SS535, SB-3	10073
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	1	100006783	SUMP COVER FOR 13IN GALV DIA PLATE	
6	1.000 gal	1.000 gal	100006420	COATING PAINT LATEX WHITE	
7	1	1	100005749	SEALANT JOINT BUTYL RUBBER CS-102 ASTM C990 1X14.5-8 PER BOX	

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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
E-2	REMOVED FRAME & ADDED DOGBONE CALLOUT	6/12/2024	

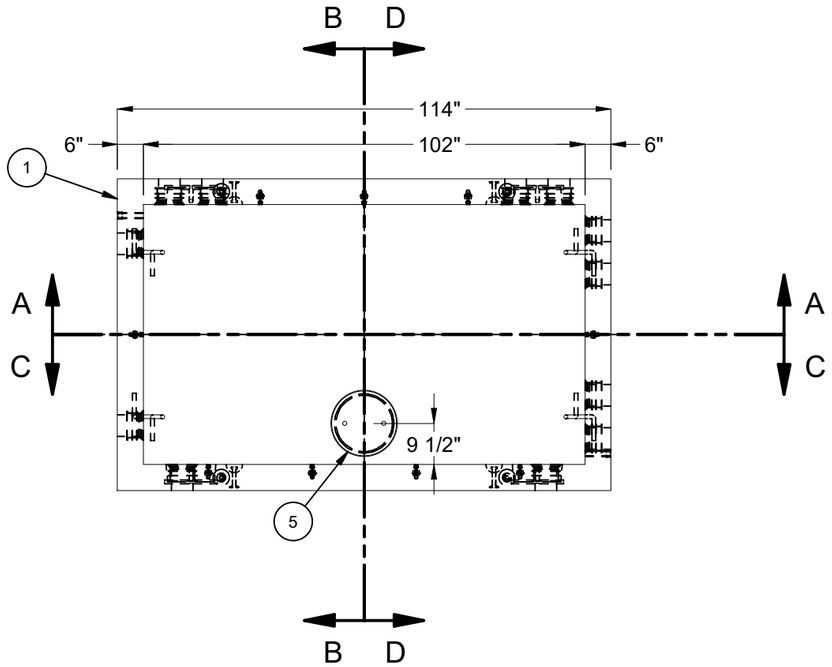
BURY DEPTH:	-3.0' - 3.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	25328.4 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Edison	AGENCY SPEC:	UGS SS535, SB-3

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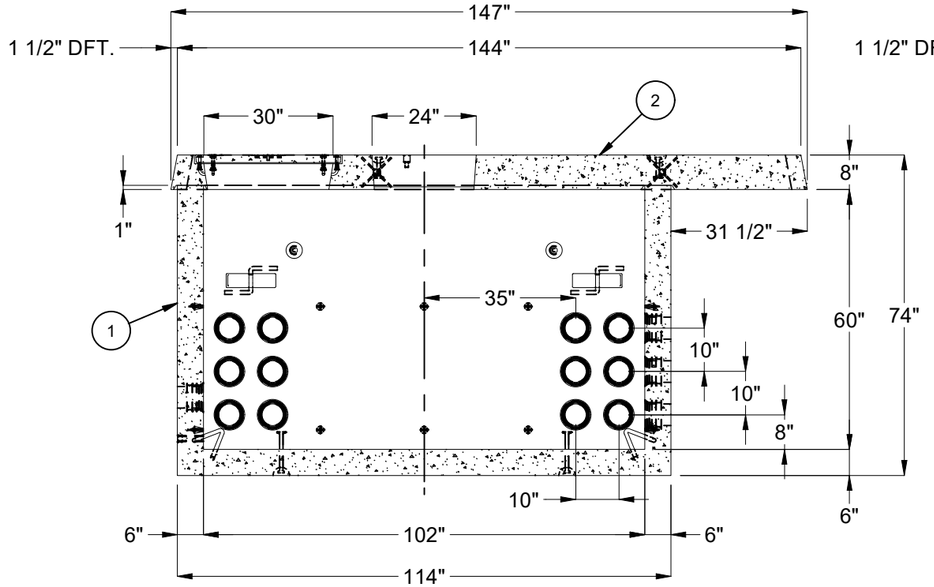
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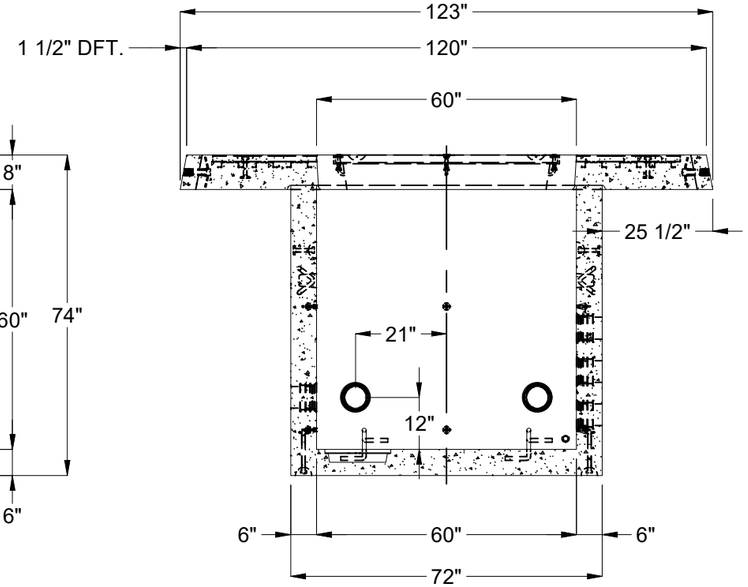
DESCRIPTION:	Slab Box Layout 60102x60 Terminators Sump 30"x48"E Edison UGS SS535, SB-3 Int. LAYOUT REVIEW		REV: E-2
PART NUMBER:	100010505	DRAWN BY:	J. Prado
CREATED:	10/12/2018	MODIFIED:	6/12/2024
			SHEET: 1 OF 2



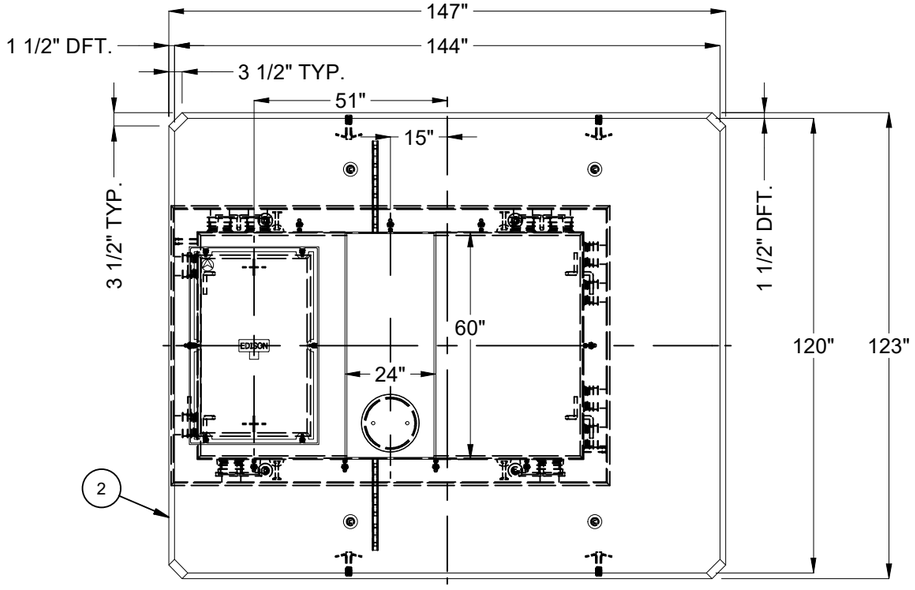
PLAN VIEW



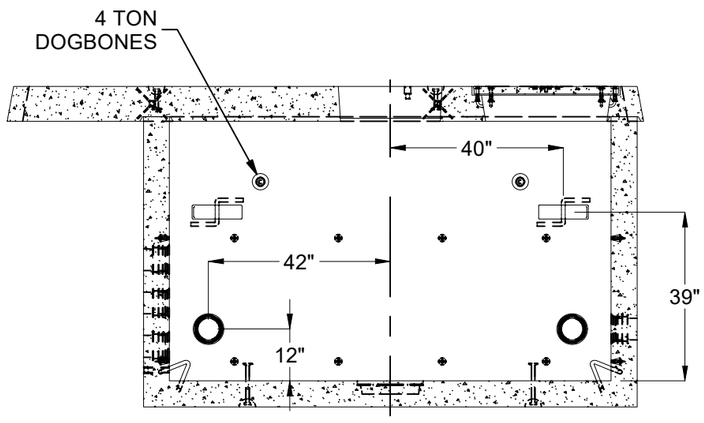
SECTION A-A



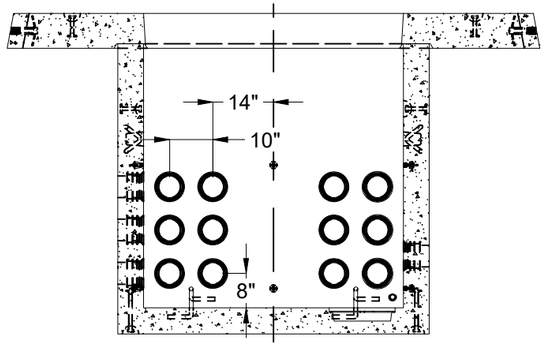
SECTION B-B



PLAN VIEW OF TRANSFORMER PAD



SECTION C-C



SECTION D-D

BURY DEPTH:	-3.0' - 3.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	25328.4 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Edison	AGENCY SPEC:	UGS SS535, SB-3

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DESCRIPTION:	Slab Box Layout 60102x60 Terminators Sump 30"x48"E Edison UGS SS535, SB-3 Int. LAYOUT DRAWING		REV: E-2
PART NUMBER:	100010505	DRAWN BY:	J. Prado
CREATED:	10/12/2018	MODIFIED:	6/12/2024

SHEET: 2 OF 2

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