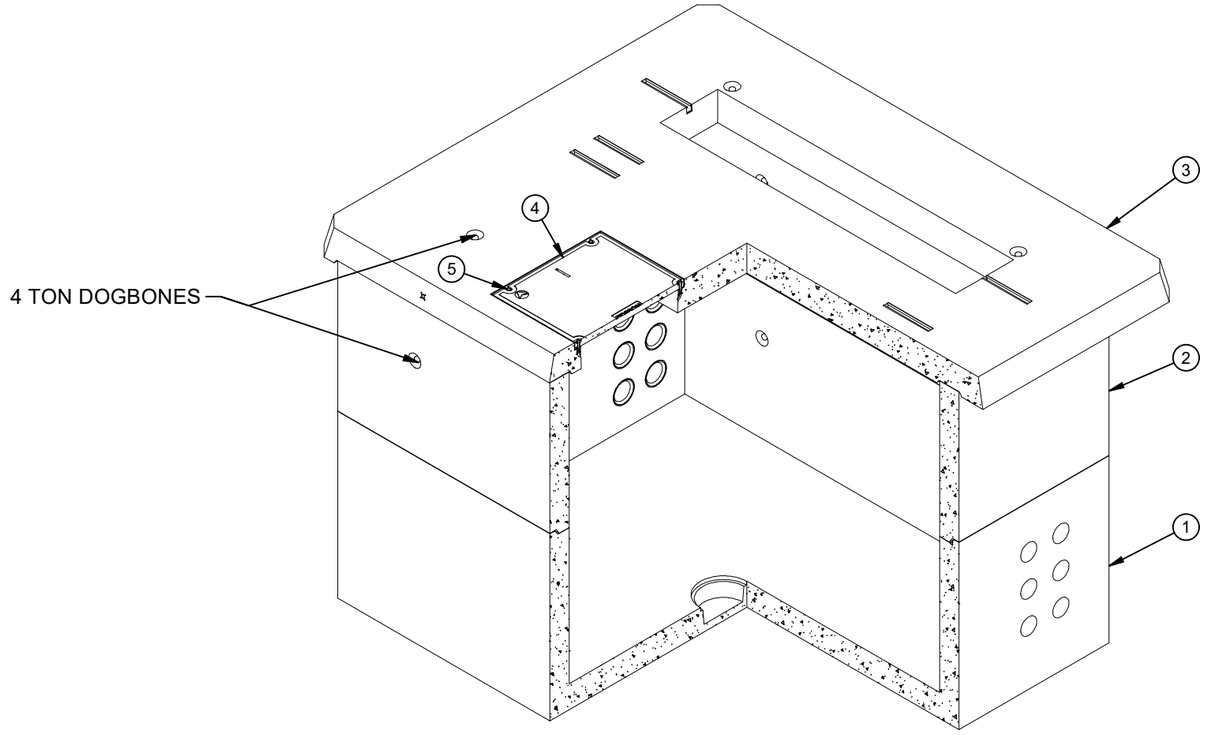
DESIGN NOTES
■ DESIGNED IN ACCORDANCE WITH AASHTO H-20-44 BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #33165
■ MINIMUM EXCAVATION SIZE: 11'-3" X 13'-3" X DEPTH REQ'D.
■ COVER DESIGN FOR PARKWAY LOADING.
■ VAULT TO 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.
■ STENCIL "GRD" IN RED LETTERS
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	1	100012773	Vault 96120x42 Rect. Bottom Section Terminators Sump EDISON UGS SSS-539	18512
2	1	1	100012721	Riser 96120x42 Rect. Riser EDISON UGS SS-539	9876
3	1	1	100012417	Pad 120144x8 Edison UGS SS-539	9909
4	1	1	100007038	COVER 3048 POLYMER EDISON	
5	1	6	100008105	PENTA BOLT 1/2-13 UNC 2-1/2 304SS W/CAPWASH	
6	1	1	100005749	SEALANT JOINT BUTYL RUBBER ASTM C-990 AND M198 CS-102 1IN EQUIV X14.5FT PER BOX 118FT	

100010259.idw



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'	WEIGHT:	38557.4 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	EDISON	AGENCY SPEC:	UGS SS-539

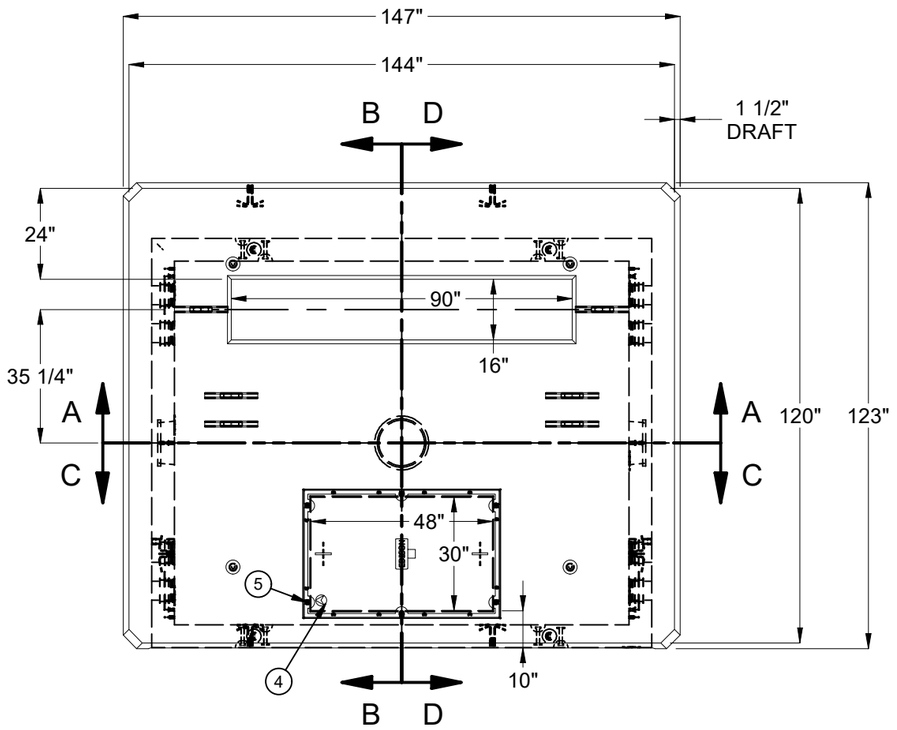
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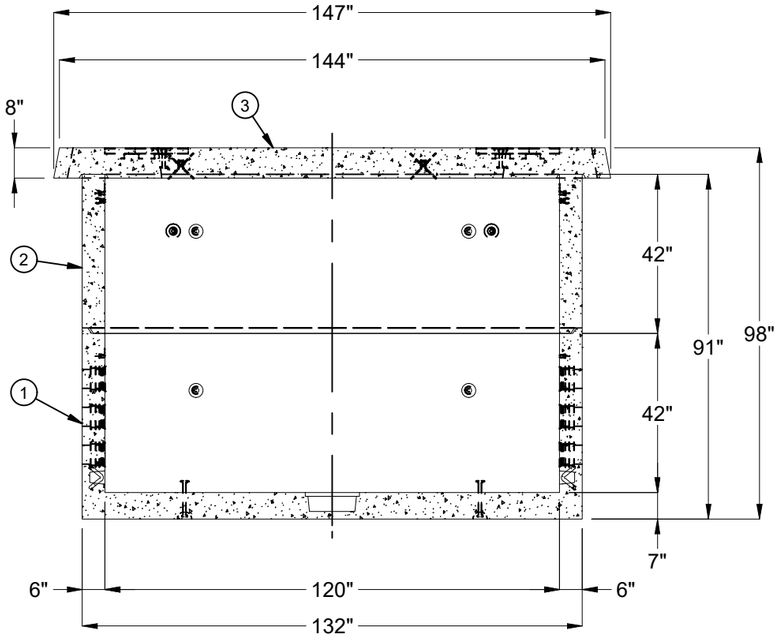
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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B-1	RELEASE IN INVENTOR	4/23/2021	

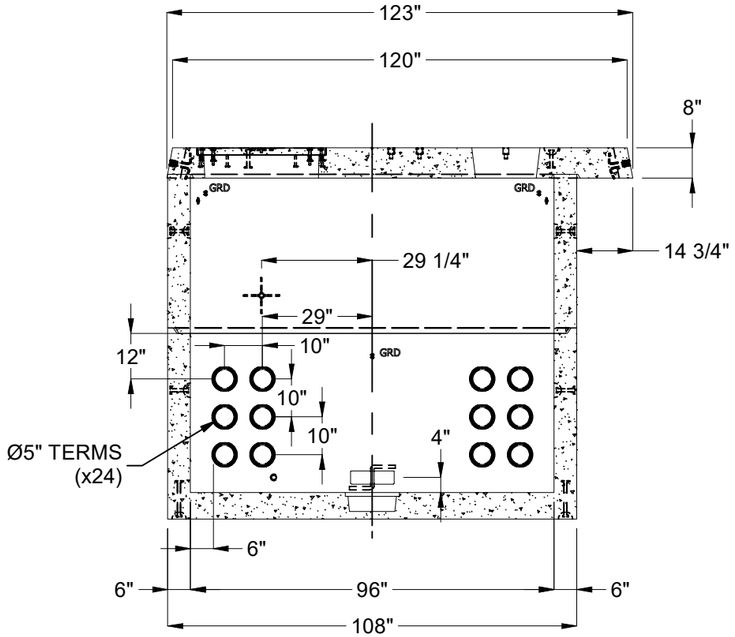
DESCRIPTION:	Pull Box 120144 Layout Assembly EDISON UGS SS-539 LAYOUT REVIEW		REV: B-1
PART NUMBER:	100010259	DRAWN BY: E.Carrillo	SHEET: 1 OF 2
CREATED:	3/14/2019	MODIFIED: 4/23/2021	



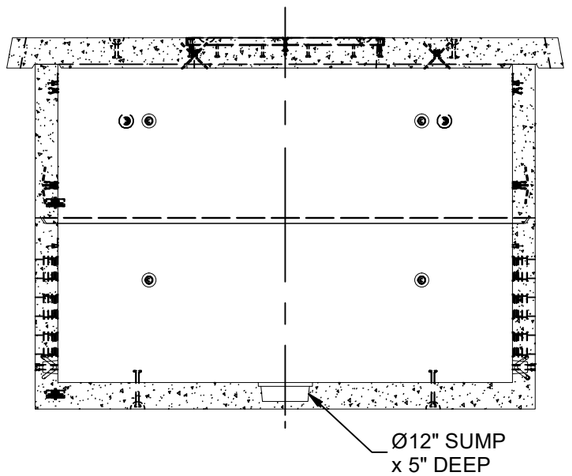
PLAN VIEW



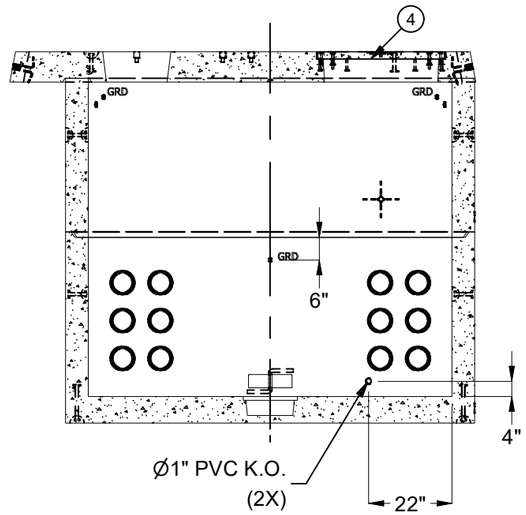
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	WEIGHT:	38557.4 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	EDISON	AGENCY SPEC:	UGS SS-539

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DESCRIPTION:	Pull Box 120144 Layout Assembly EDISON UGS SS-539 LAYOUT DRAWING		REV: B-1
PART NUMBER:	100010259	DRAWN BY:	E.Carrillo
CREATED:	3/14/2019	MODIFIED:	4/23/2021
			SHEET: 2 OF 2

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