DESIGN NOTES
■ CONCRETE DESIGNED IN ACCORDANCE WITH L.A.D.W.P. SPEC. P178-R8, ACI 318, AND ASTM C857, USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AT 28 DAYS AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALC. #33889. COVER STRUCTURAL CALC. #30448.
■ TRANSFORMER PAD DESIGNED FOR 100 PSF LIVE LOAD AND 1600 PSF DEAD LOAD.
■ COVER IS DESIGNED FOR PARKWAY LOADING PER CALC. #32215.
■ CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH AND DCI AS AN ADMIXTURE.
■ EACH CONCRETE SECTION SHALL BE STENCILED ON THE INSIDE & OUTSIDE WITH "JENSEN PRECAST", THE DESIGNATION "DWP/FA-CN" or "DWP/F-CN-SC" IF SCC MIX USED, AND THE DATE OF POUR.
■ EACH CONCRETE SECTION SHALL HAVE CAST-IN ON THE INSIDE "JENSEN", THE YEAR, AND THE DESIGNATION "FA-CN" or "F-CN-SC" IF SCC MIX USED.
■ INSTALLATION: VAULT TO BE PLACED ON A MIN. 6" COMPACTED CRUSHED ROCK 1", GRADE A or CONCRETE AGGREGATE #3, GRADE B (SSPWC, SUBSECTIONS 200-1.2 & 200-1.4), INSTALLATION AND EVEN LOAD DISTRIBUTION.
■ MINIMUM EXCAVATION SIZE: 9'-2" X 11'-2" X DEPTH REQ'D.
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

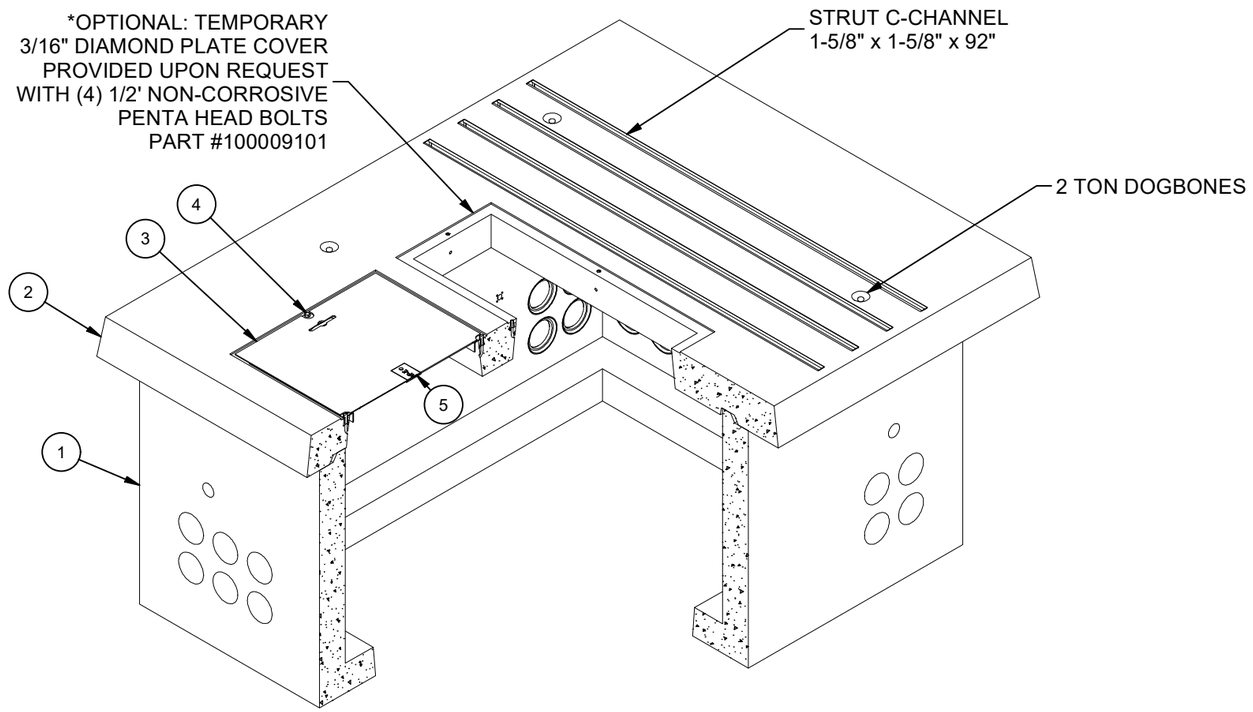
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	1	100012303	Vault 7296x42 Rect. Bottom Section Terminators LADWP UB721-07 R17	9672
2	1	1	100020731	Pad 96120x8 30"x48"E LADWP UB721-07 G1 R17	6283
3	1	1	100006640	DAS1-SD-3048-D2-DP-G-BD-FONT-PAGV (SC3048 PAGV)	127
4	1	4	100007122	BOLT PENTA 1/2-13 UNC 0.875 HEAD 1.5L 304SS	
5	1	1	100006748	NAME PLATE SS - LADWP-E	
6	1	1	100007650	NAME PLATE HARDWARE KIT	
7	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	

EXTENSIONS ARE AVAILABLE IN THE FOLLOWING SIZES:

A. 200071145 (UV68-R12-12), 12" EXTENSION SECTION WT. 2219 lbs.

100020729.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°

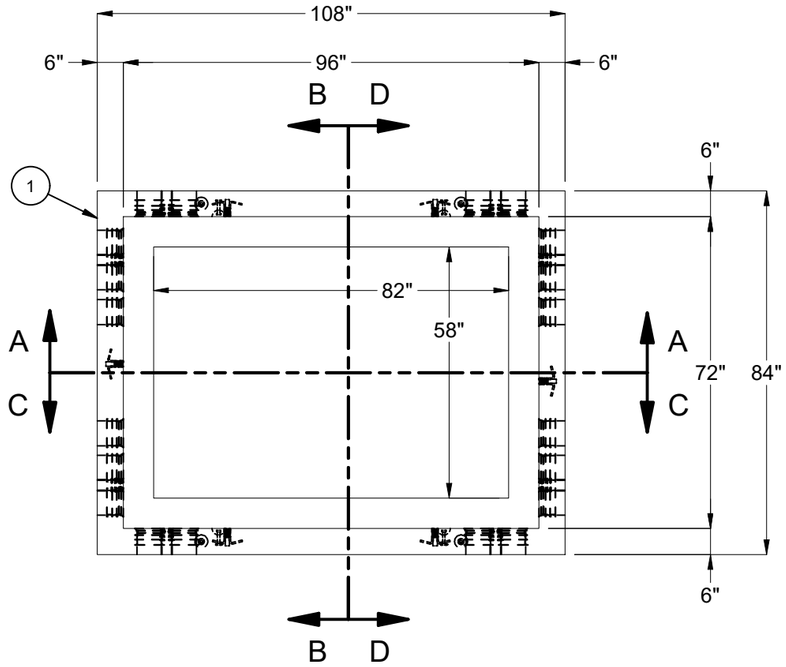
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D-1-1	CHANGED LOADING SPEC	8/7/2026	

BURY DEPTH:	-0.7' - 0.7' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	16098.79 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	Agency Specified
AGENCY:	LADWP	AGENCY SPEC:	UB721-07 G1 R17

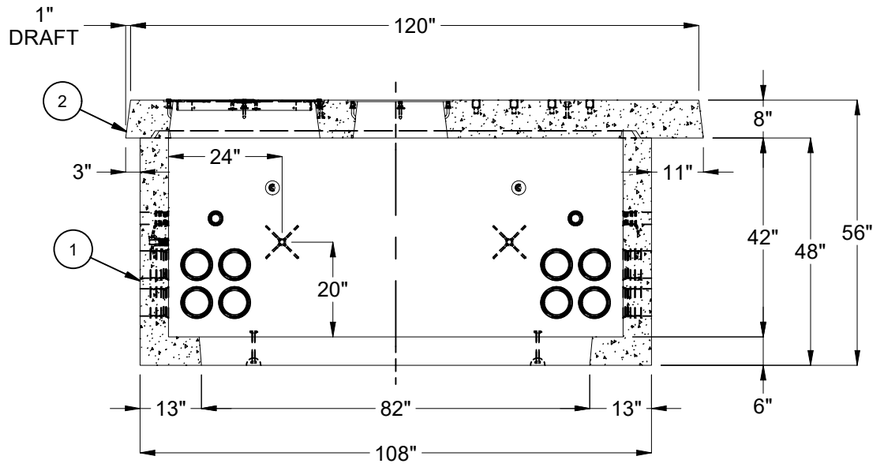
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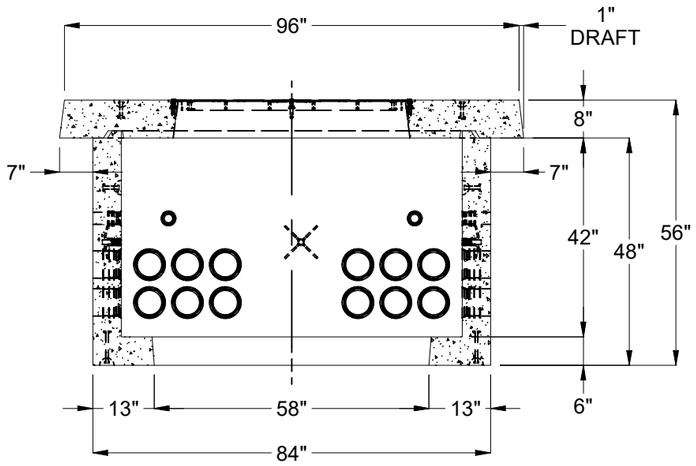
DESCRIPTION:	Slab Box Layout 96120x42 Terminators 30"x48"E LADWP UB721-07 G1 R17 LAYOUT REVIEW		REV: D-1-1
PART NUMBER:	100020729	DRAWN BY:	J. Munoz
CREATED:	12/21/2022	MODIFIED:	8/7/2026
			SHEET: 1 OF 2



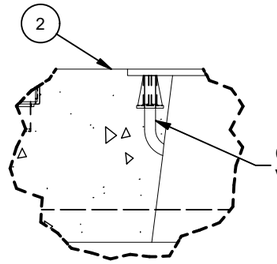
PLAN VIEW
(W/ OUT TRANSFORMER PAD)



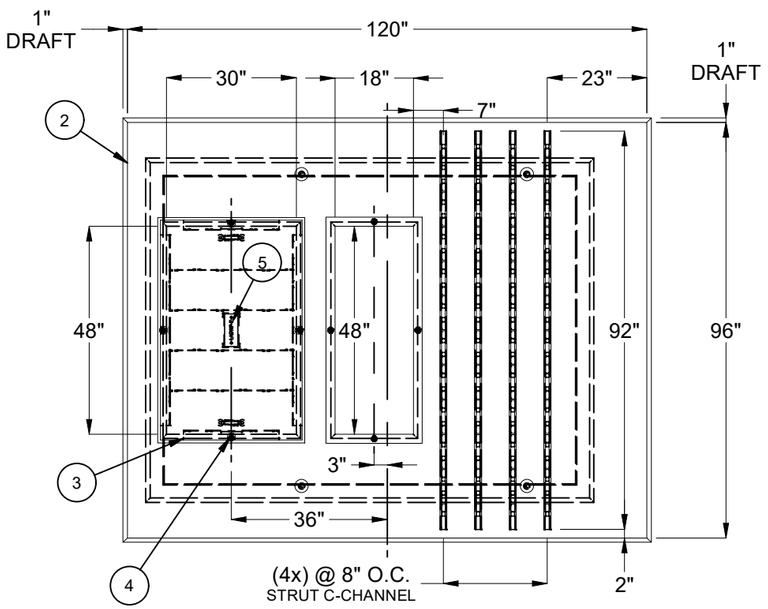
SECTION A-A



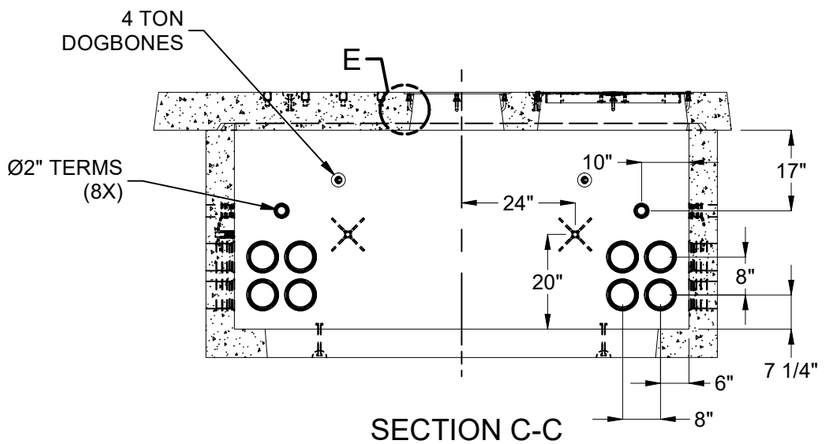
SECTION B-B



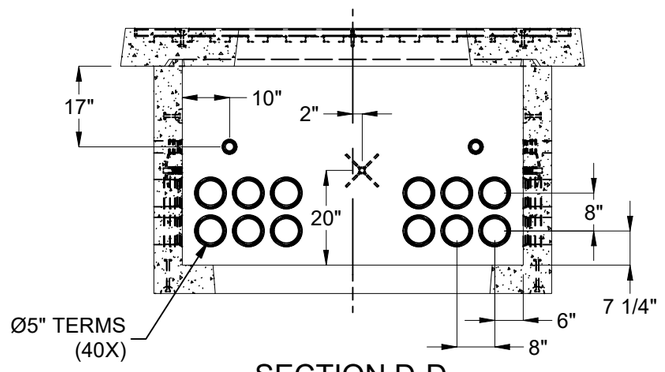
DETAIL E
(INSERTS AROUND OPENINGS)



PLAN VIEW
(TRANSFORMER PAD)



SECTION C-C



SECTION D-D

BURY DEPTH:	-0.7' - 0.7' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	16098.79 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	Agency Specified
AGENCY:	LADWP	AGENCY SPEC:	UB721-07 G1 R17

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DESCRIPTION:	Slab Box Layout 96120x42 Terminators 30"x48"E LADWP UB721-07 G1 R17 LAYOUT DRAWING		REV: D-1-1
PART NUMBER:	100020729	DRAWN BY:	J. Munoz
CREATED:	12/21/2022	MODIFIED:	8/7/2026
			SHEET: 2 OF 2

100020729.idw