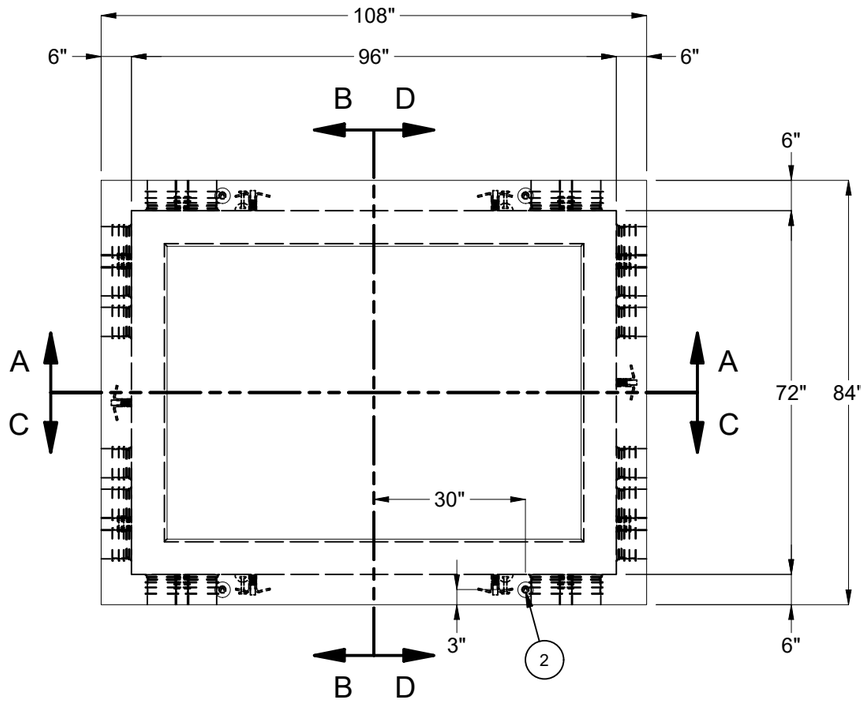
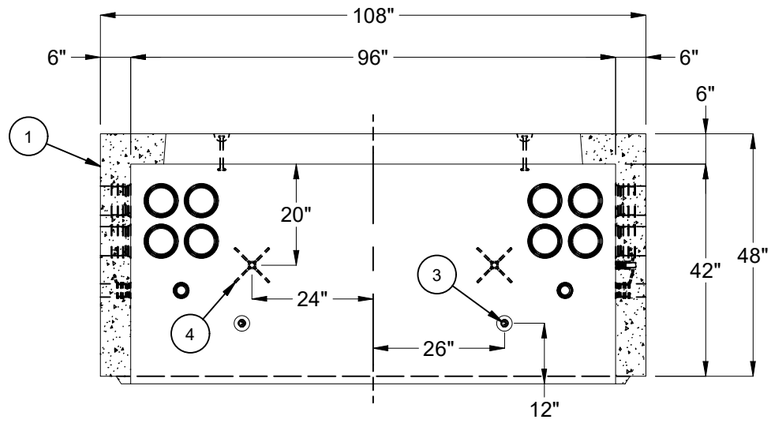
DESIGN NOTES
■ CONCRETE DESIGNED IN ACCORDANCE WITH L.A.D.W.P. SPEC. P178-R8, ACI 318, AND ASTM C857, USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AT 28 DAYS AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALC. #33889.
■ CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH AND 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.

BILL OF MATERIALS

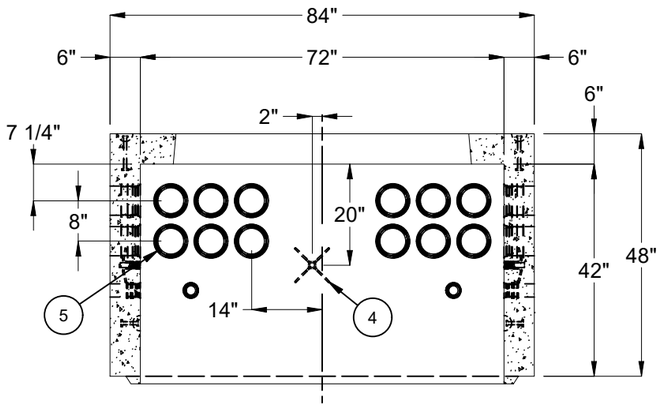
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	64.066 ft^3	64.066 ft^3	100006028	CONCRETE 5500 PSI #17 SCC LADWP
2	1	4	100002870	ANCHOR DOGBONE P52 2T X 6-3/4" GALV
3	1	4	100002867	ANCHOR DOGBONE P52 2T X 3-3/8" GALV
4	1	6	100002801	Insert Thin Slab Coil 4-Leg 1 x 3.5" Galv (F53 or Equiv.)
5	1	40	100005936	TERMINATOR DUCT WITH SEAL 5IN T5001
6	1	8	100003010	TERMINATOR DUCT WITH SEAL 2IN T2001
7	1	1	100018023	REINFORCING MAT 100018023



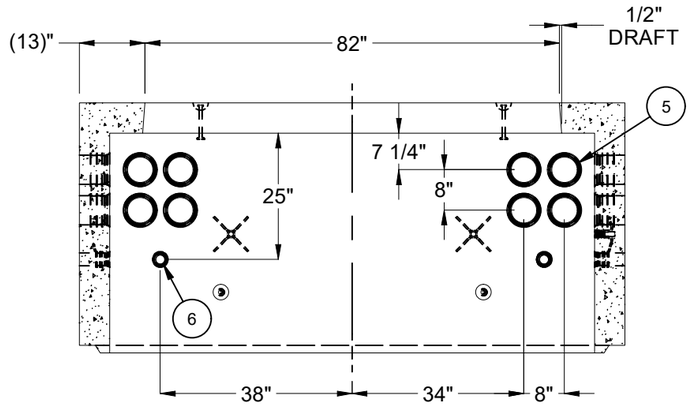
PLAN VIEW



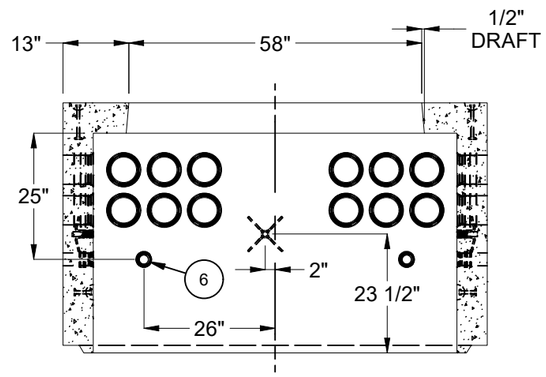
SECTION A-A



SECTION B-B



SECTION C-C

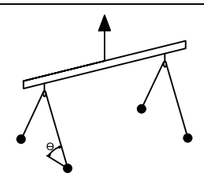


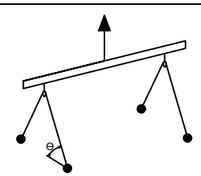
SECTION D-D

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.
■ DEMOLDING: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.
*All rigging shall be design by a qualified professional. Loading diagrams show illustrations of possible rigging setups to achieve the required sling angle and load leg equalization. Other valid rigging configurations are possible. A qualified professional must be consulted prior to lifting.

RIGGING DIAGRAMS*

INSTALLATION	C	DEMOLDING	C





BURY DEPTH:	0.3' - 0.3' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	9655.58 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
C-1	REVISED DESCRIPTION OF COIL INSERT	7/8/2025	

DESCRIPTION:	Vault 7296x42 Rect. Bottom Section Terminators LADWP UB721-07 R17 CASTING DRAWING		REV: C-1
PART NUMBER:	100012303	DRAWN BY:	J. Prado
CREATED:	3/2/2019	MODIFIED:	7/8/2025
			SHEET: 1 OF 1

100012303.idw