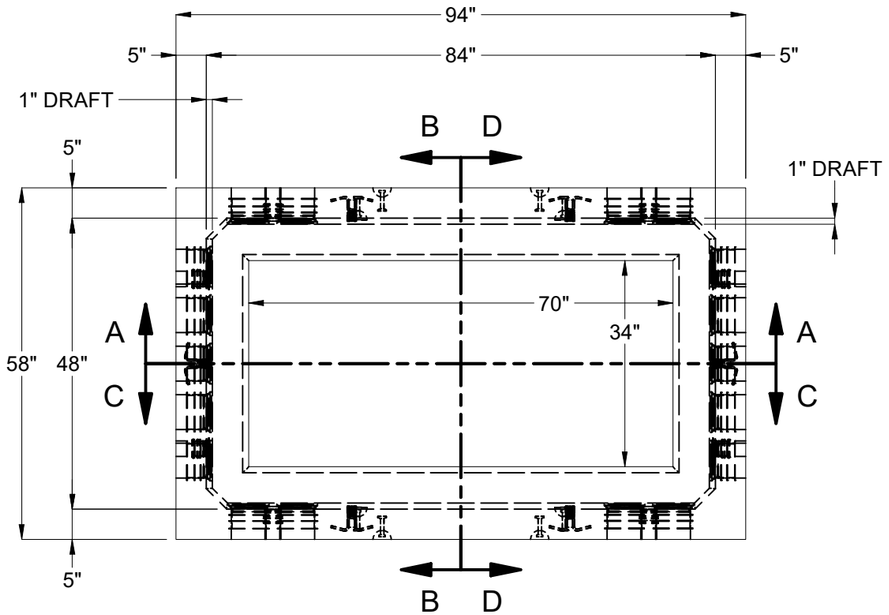
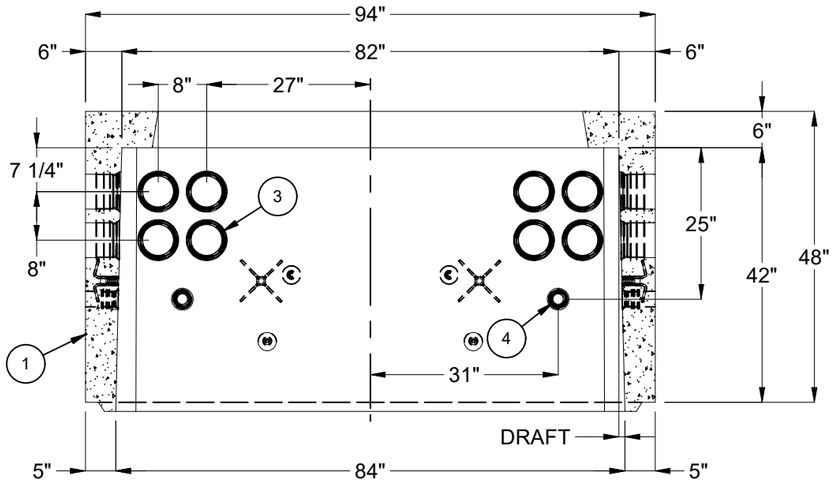
DESIGN NOTES
■ CONCRETE DESIGNED IN ACCORDANCE WITH L.A.D.W.P. SPEC. P178-R8, ASTM C857, USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AT 28 DAYS AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALC. #33363.
■ CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH AND DCI AS AN 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

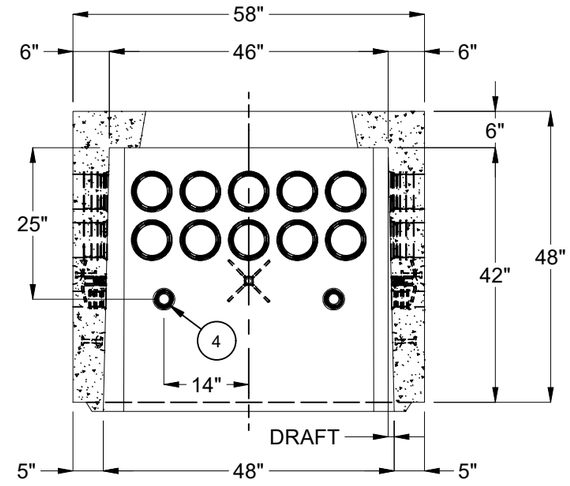
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	45.728 ft^3	45.728 ft^3	100006028	CONCRETE 5500 PSI #17 SCC LADWP
2	1	8	100002867	ANCHOR DOGBONE P52 2T X 3-3/8" GALV
3	1	36	100005936	TERMINATOR DUCT WITH SEAL 5IN T5001
4	1	8	100003010	TERMINATOR DUCT WITH SEAL 2IN T2001
5	1	6	100044597	Insert Thin Slab Coil 4-Leg 1 x 4" Galv (F53 or Equiv.)
6	1	1	100018032	REINFORCING MAT 100018032



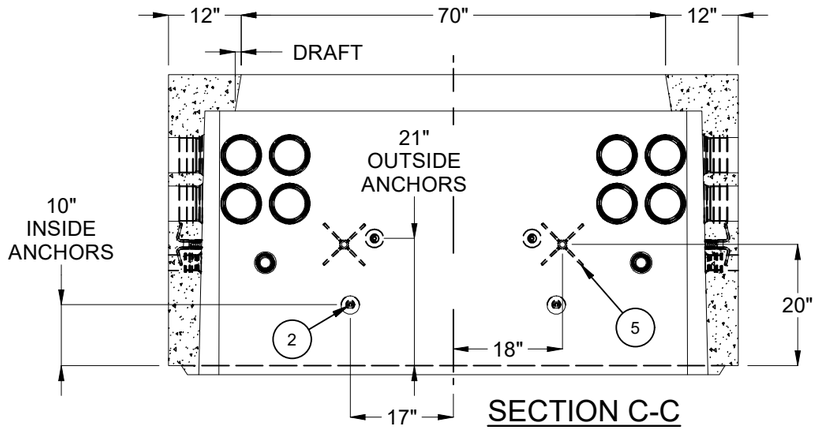
PLAN VIEW



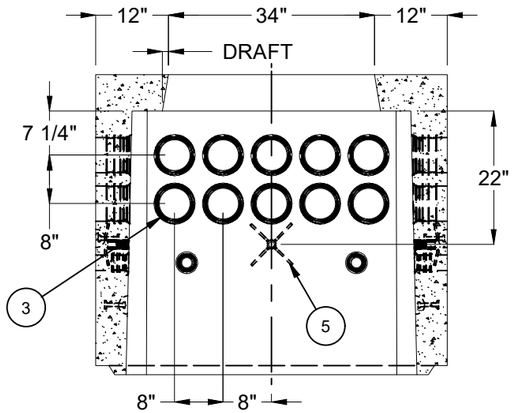
SECTION A-A



SECTION B-B



SECTION C-C

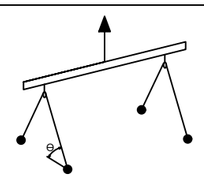


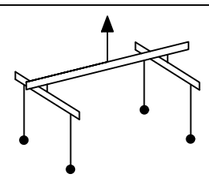
SECTION D-D

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 90° 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	E





BURY DEPTH:	0.0' - 2.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	6930.27 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

Infrastructure
JENSEN
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This product shall only be produced in a Jensen Infrastructure facility.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
C-1	UPDATED TITLE BLOCK & DESCRIPTION	11/16/2026	

DESCRIPTION:	Vault 4884x42 Rect. Bottom Section Terminators LADWP UB721-03 R13 CASTING LAYOUT		REV: C-1
PART NUMBER:	100012312	DRAWN BY:	P. Monroy
CREATED:	5/31/2019	MODIFIED:	11/16/2026
			SHEET: 1 OF 1

100012312.idw