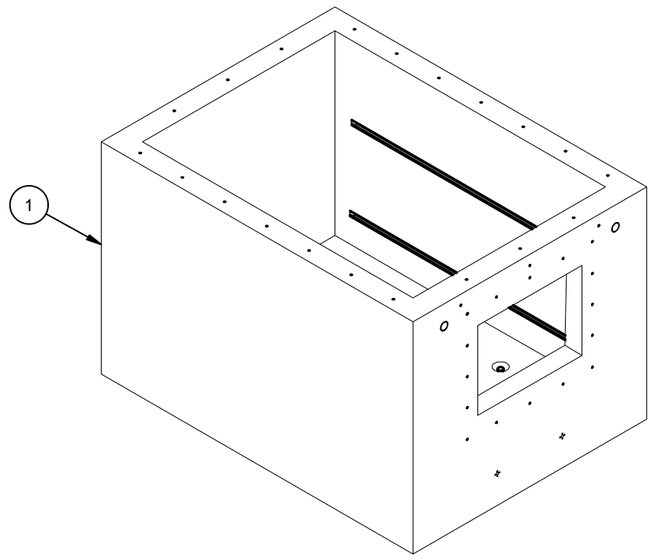
DESIGN NOTES
■ VAULT DESIGNED IN ACCORDANCE WITH L.A.D.W.P. SPEC. P178-R8, ACI 318, AND ASTM C857, USING 5,500 PSI CONCRETE AND ASTM A-706 GR.60 STEEL REINFORCEMENT PER CALC. #33849
■ VAULT TO BE PLACED ON A MIN. 6” BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION. BASE MATERIAL IN ACCORDANCE WITH SECTION 200-2 OF THE SSPWC (GREEN BOOK).
■ CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH AND DCI AS AN ADMIXTURE.
■ EACH CONCRETE SECTION SHALL BE MARKED ON THE INSIDE & OUTSIDE WITH "JENSEN", 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 IS USED.
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN INFRASTRUCTURE.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	95.915 ft^3	95.915 ft^3	100006028	CONCRETE 5500 PSI #17 SCC LADWP
2	1	2	100002800	Insert Thin Slab Coil 4-Leg 0.75 x 3" Galv (F53 or Equiv.)
3	1	23	100002765	Insert Ferrule Loop 0.5 x 2.75" Zinc (F42 or Equiv.)
4	1	16	100002777	INSERT FERRULE LOOP 1/2 X 2-3/4 SS FX-5
5	6.600 in	13.200 in	100013798	PIPE PVC SCH 40 2IN DIA
6	1	4	100002877	ANCHOR DOGBONE P52 4T X 9-1/2" GALV
7	1	4	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV
8	1	1	100018044	REINFORCING MAT 100018044
9	1	4	100006106	STRUT C-CHANNEL CONCRETE INSERT 1-5/8 X 1-5/8 W/ANCHORS N-3200 72IN

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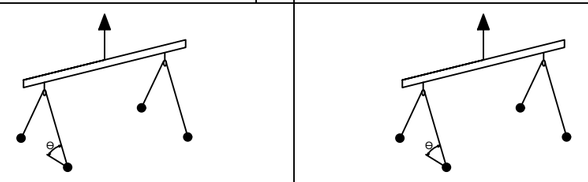


ISO VIEW

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:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	14506.59 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

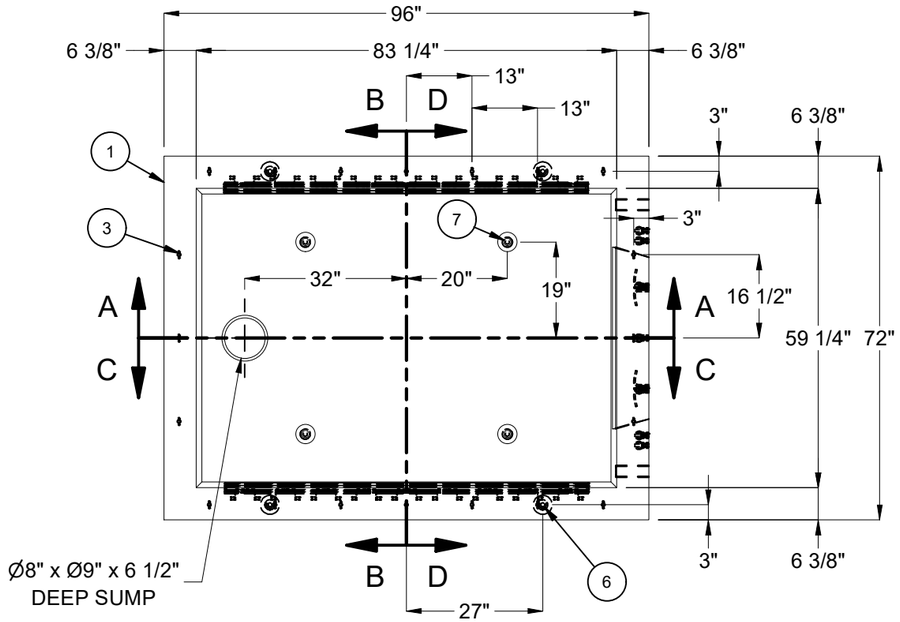
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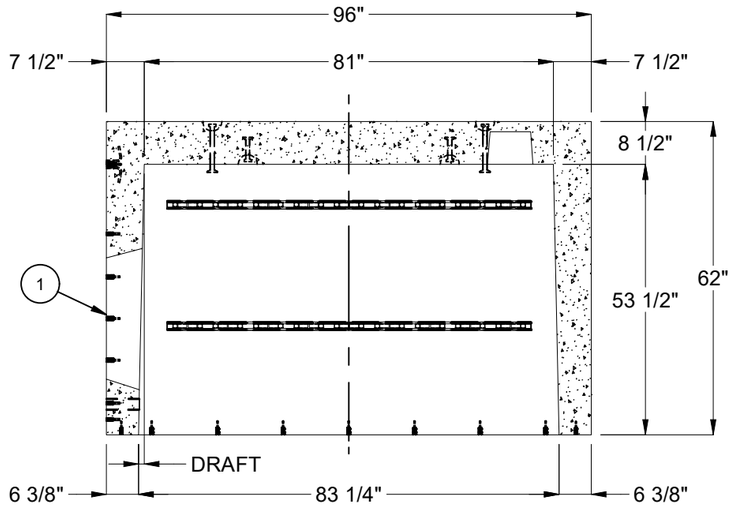
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
B-1	INITIAL RELEASE INVENTOR	5/28/2026	

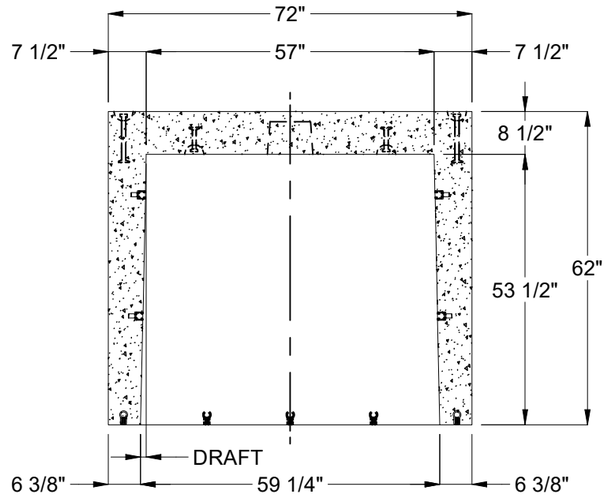
DESCRIPTION: Vault 6084x53.5 Rect. Bottom Section Opening Sump LADWP UB721-24 R3 CASTING REVIEW			REV: B-1
PART NUMBER:	100012336	DRAWN BY: S. Rodarte	SHEET: 1 OF 2
CREATED:	8/2/2019	MODIFIED:	5/28/2026



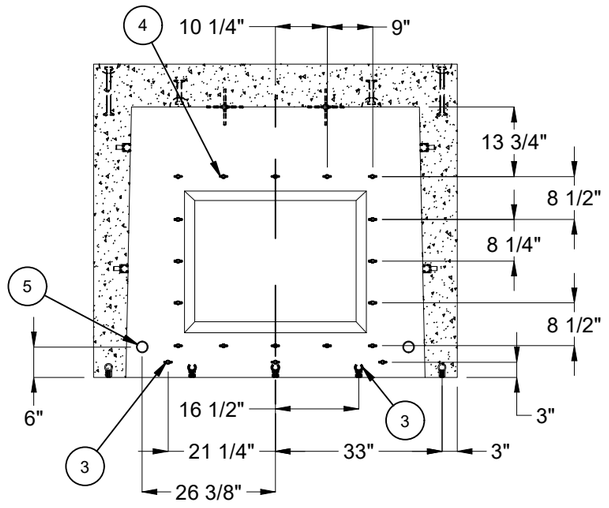
PLAN VIEW



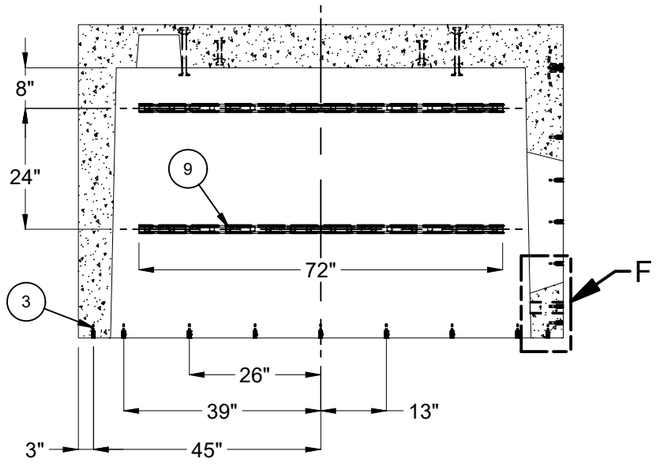
SECTION A-A



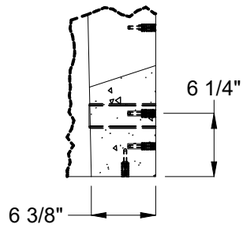
SECTION B-B



DETAIL E



SECTION C-C



DETAIL F

SECTION D-D

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	14506.59 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Vault 6084x53.5 Rect. Bottom Section Opening Sump LADWP UB721-24 R3 CASTING DRAWING		REV: B-1
PART NUMBER:	100012336	DRAWN BY:	S. Rodarte
CREATED:	8/2/2019	MODIFIED:	5/28/2026
			SHEET: 2 OF 2

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