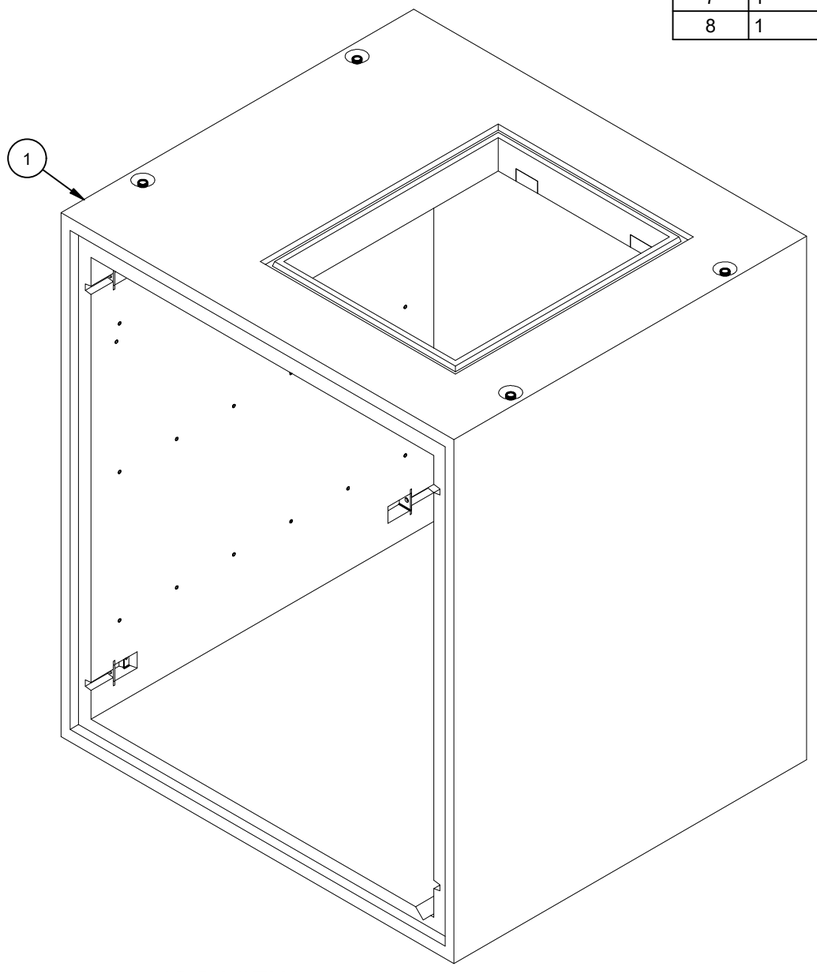
NOTES
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	165.409 ft^3	165.409 ft^3	100006028	CONCRETE 5500 PSI #17 SCC LADWP
2	1	6	100002882	ANCHOR DOGBONE P52 8T X 13-3/8" GALV
3	1	8	100006763	BRACKET TUNNEL VAULT HBRKT3003 GALV
4	1	8	100002784	INSERT THREADED METAL 3/8-16 UNC 1-3/8 IN OPEN
5	1	38	100012720	INSERT PLASTIC W/ BREAK OFF SNAP 0.5IN
6	1	1	100005940	PULL IRON OFFSET WITH REBAR .875DIA 4.5H 316SS LADWP
7	1	4	100013013	ANGLE EMBEDDED SS 3 X 3 X 1/4 X 6 W/3 ANCHORS
8	1	1	100018352	REINFORCING MAT 100018352

100013011.idw



ISO VIEW

LIFTING NOTES
■ DEMOLDING: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2,500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 90° SLING ANGLE, MEASURED FROM HORIZONTAL.
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5,500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 90° SLING ANGLE, MEASURED FROM HORIZONTAL.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D-2	DESCRIPTION CHANGE	11/15/2023	

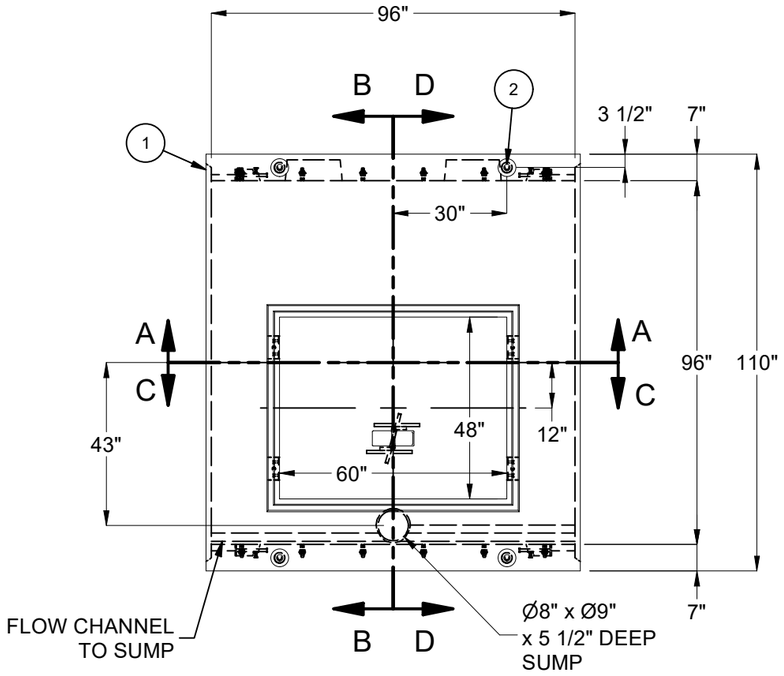
BURY DEPTH:	1.0' - 4.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	24934.07 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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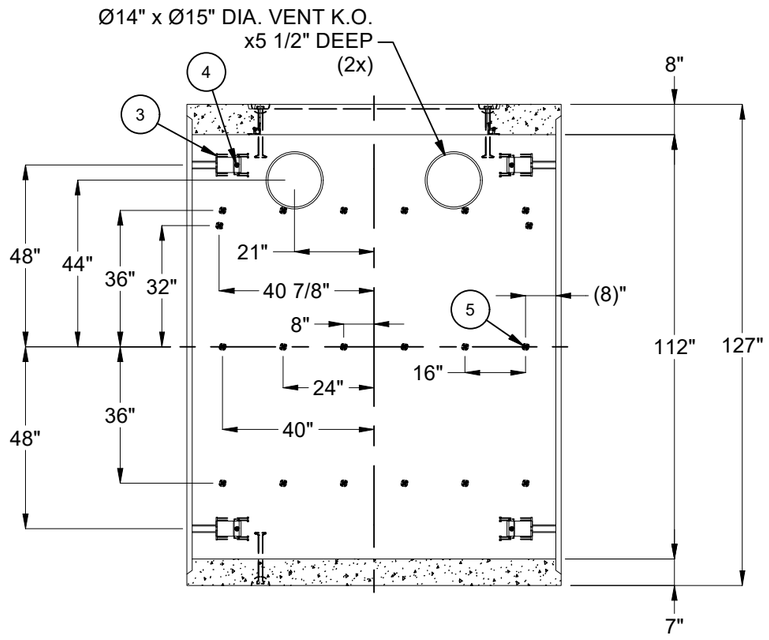
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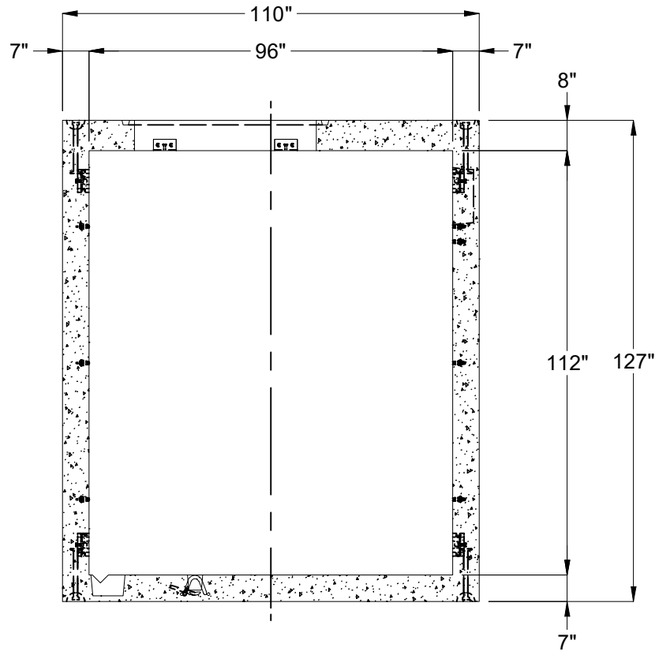
DESCRIPTION:	Tunnel Vault TV96112 Center - Groove Groove 96Wx112Hx96L LADWP H-171 CASTING LAYOUT		REV: D-3
PART NUMBER:	100013011	DRAWN BY:	J. Rivas
CREATED:	5/6/2021	MODIFIED:	11/15/2023
			SHEET: 1 OF 2



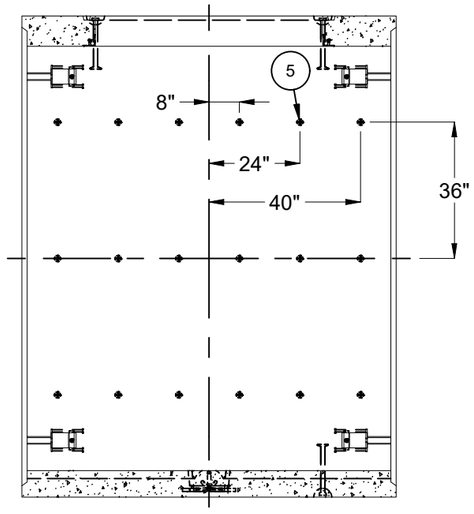
PLAN VIEW



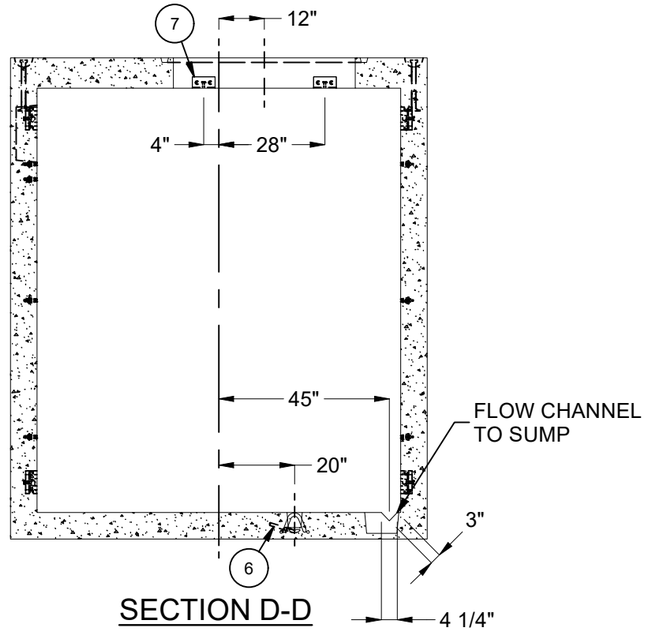
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	1.0' - 4.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	24934.07 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:
Tunnel Vault TV96112 Center - Groove Groove 96Wx112Hx96L LADWP H-171
CASTING DRAWING

PART NUMBER:	100013011	DRAWN BY:	J. Rivas
CREATED:	5/6/2021	MODIFIED:	11/15/2023

REV: D-3

SHEET: 2 OF 2

100013011.idw