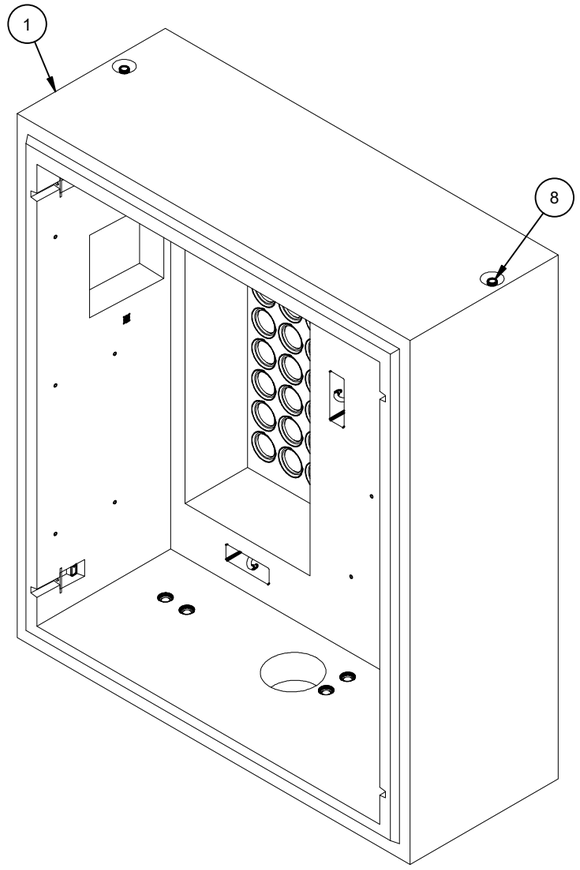
NOTES
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	120.459 ft^3	120.459 ft^3	100006028	CONCRETE 5500 PSI #17 SCC LADWP
2	1	2	100005939	PULL IRON OFFSET WITH REBAR .875DIA 4.5H GALV LADWP
3	1	18	100012720	INSERT PLASTIC W/ BREAK OFF SNAP 0.5IN
4	1	4	100006763	BRACKET TUNNEL VAULT HBRKT3003 GALV
5	1	4	100002784	INSERT THREADED METAL 3/8-16 UNC 1-3/8 IN OPEN
6	1	2	100008246	INSERT COIL THIN SLAB 4LEG 1-1/2 X 3-1/2 GALV CX-24
7	1	6	100003010	TERMINATOR DUCT WITH SEAL 2IN T2001
8	1	6	100002882	ANCHOR DOGBONE P52 8T X 13-3/8" GALV
9	1	30	100005936	TERMINATOR DUCT WITH SEAL 5IN T5001
10	1	2	100003026	PULL IRON OFFSET .875DIA 6 IH X 10.875L X 6.75W GALV
11	6.000 in	36.000 in	100013798	PIPE PVC SCH 40 2IN DIA
12	1	1	100017689	REINFORCING MAT 100017689



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 2 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 90° SLING ANGLE, MEASURED FROM HORIZONTAL.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D-1	DESCRIPTION CHANGE	11/14/2023	

BURY DEPTH:	1.0' - 4.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	18179.05 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

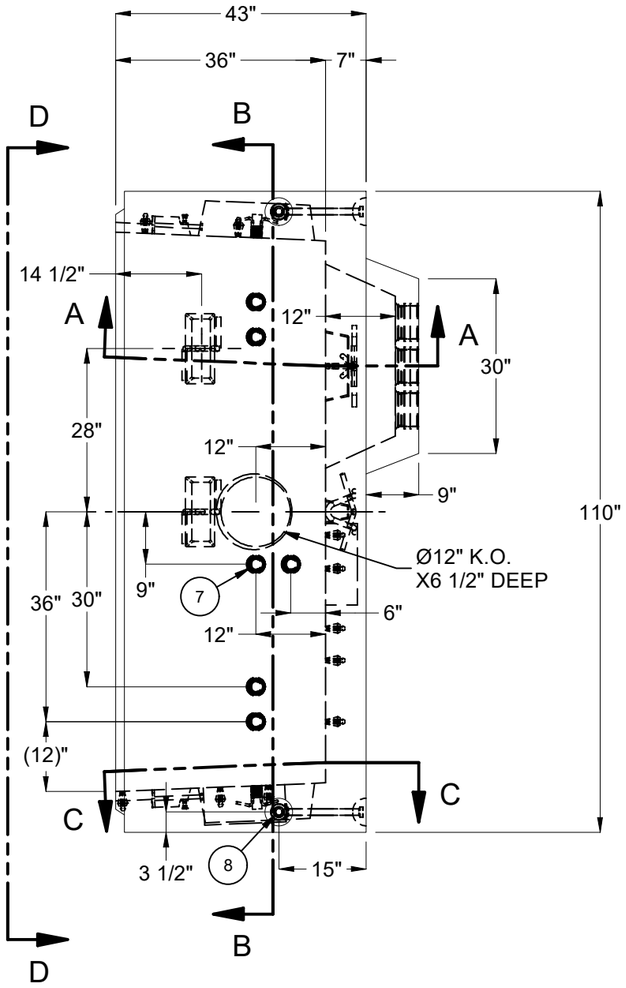
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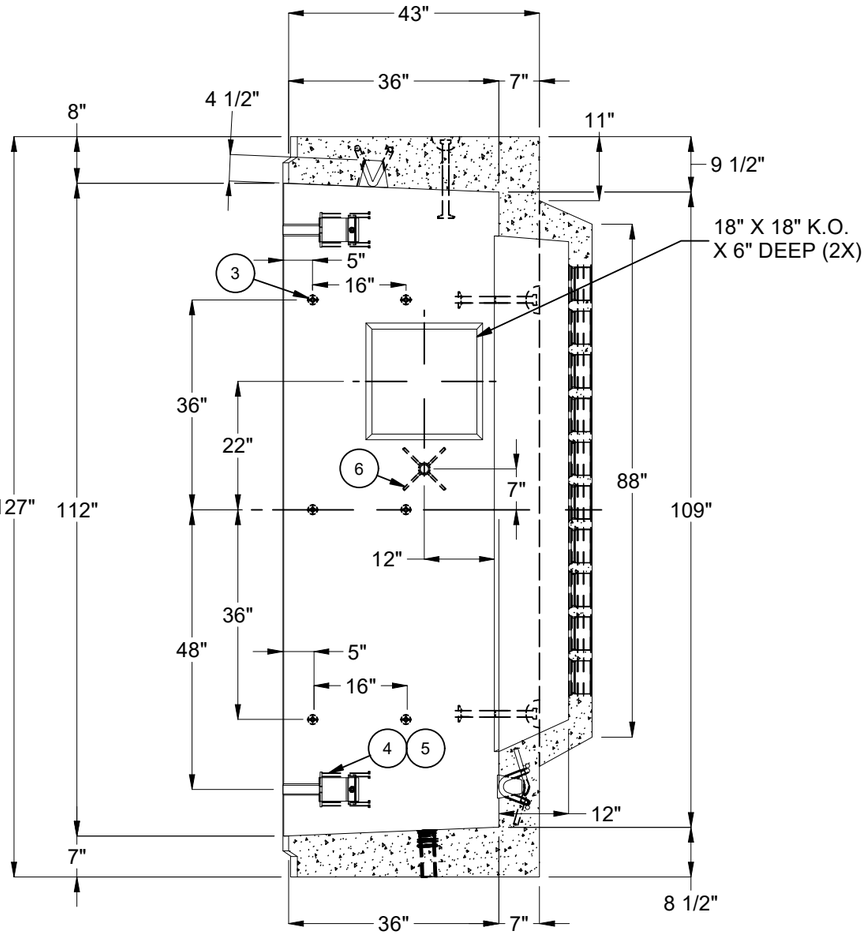
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DESCRIPTION:	Tunnel Vault TV96112 End - Tongue 96Wx112Hx36L Knockout,Terminators LADWP H-171 BT CASTING LAYOUT		REV: D-2
PART NUMBER:	100009767	DRAWN BY:	J. Rivas
CREATED:	5/5/2021	MODIFIED:	11/14/2023
			SHEET: 1 OF 3

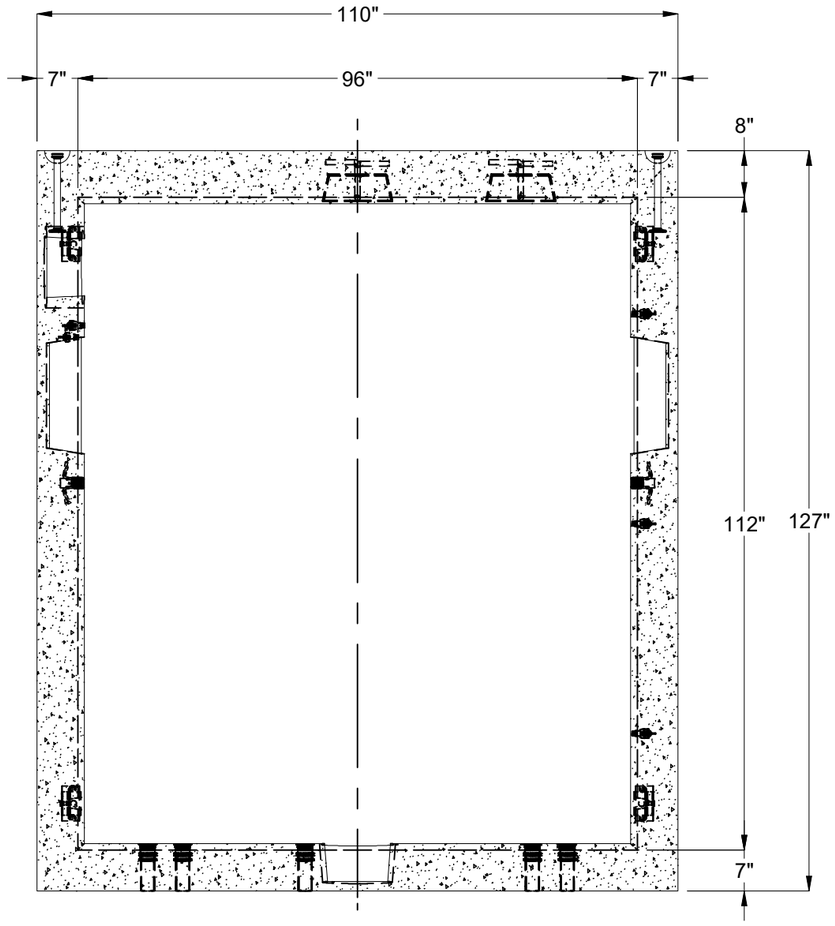
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PLAN VIEW



SECTION A-A



SECTION B-B

BURY DEPTH:	1.0' - 4.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	18179.05 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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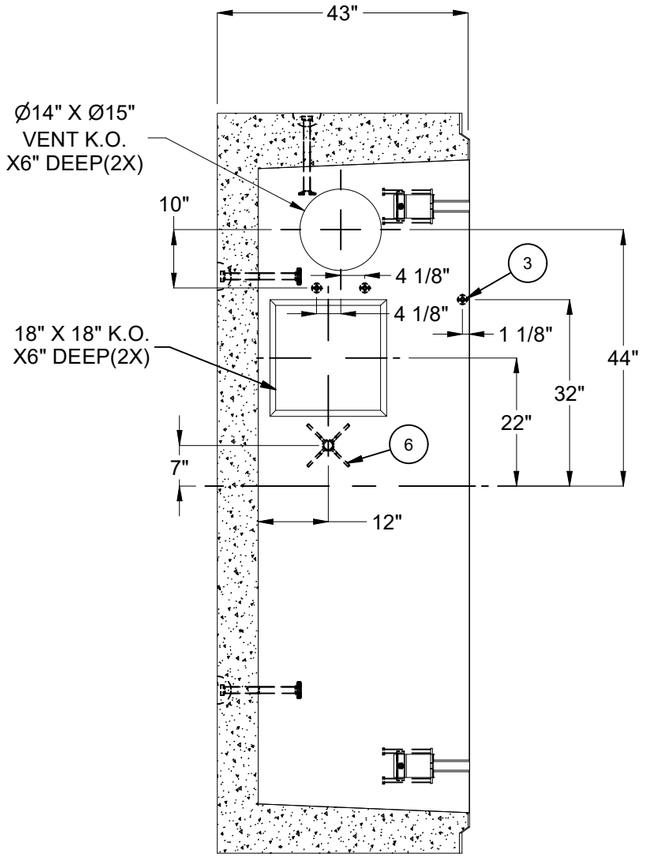
DESCRIPTION:
Tunnel Vault TV96112 End - Tongue 96Wx112Hx36L Knockout,Terminators LADWP H-171 BT
CASTING DRAWING

PART NUMBER:	100009767	DRAWN BY:	J. Rivas
CREATED:	5/5/2021	MODIFIED:	11/14/2023

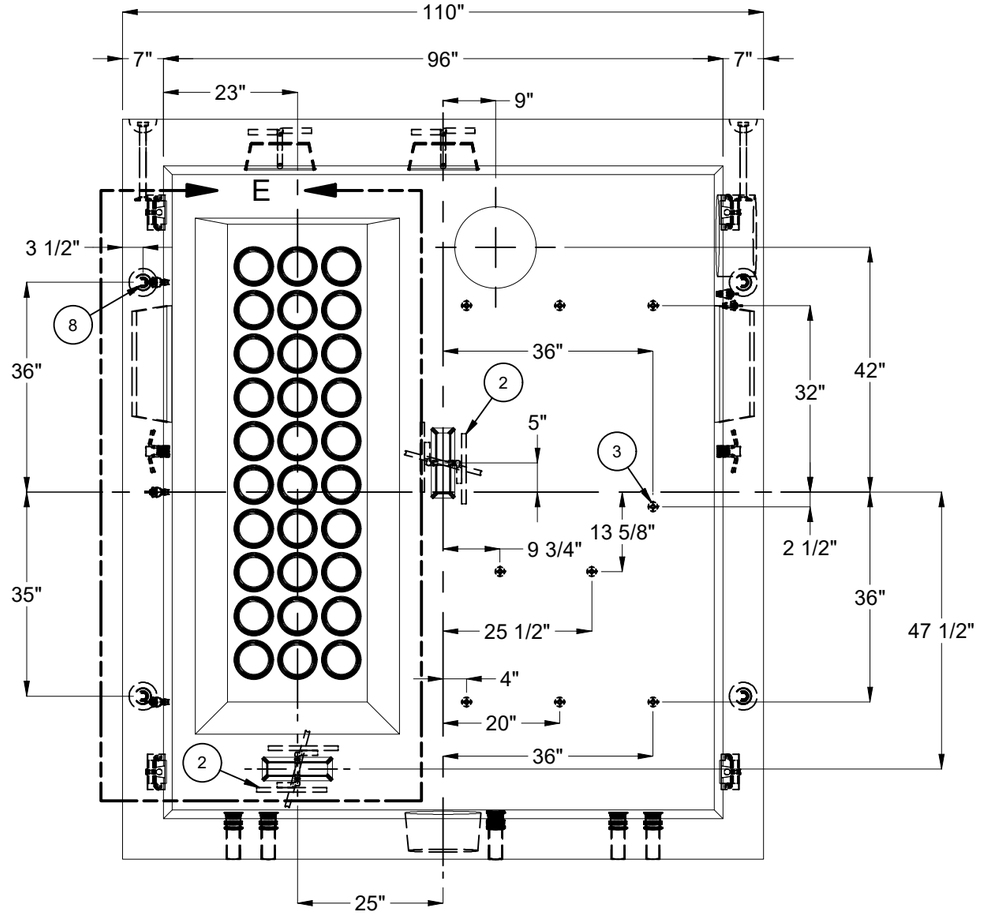
REV: D-2

SHEET: 2 OF 3

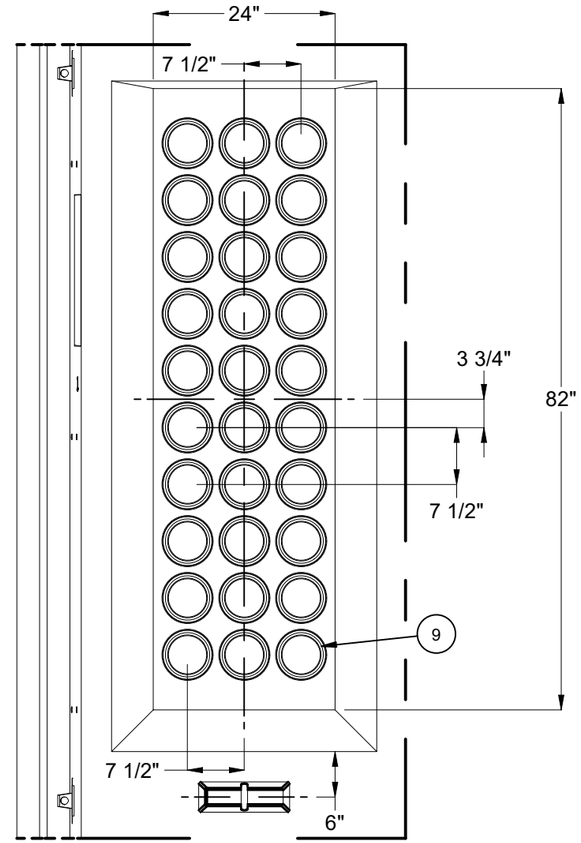
100009767.idw



SECTION C-C



SECTION D-D



DETAIL E
DUCT TERMINATOR DIAGRAM

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BURY DEPTH:	1.0' - 4.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	18179.05 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 End - Tongue 96Wx112Hx36L Knockout,Terminators LADWP H-171 BT		REV: D-2
	CASTING DRAWING		
PART NUMBER:	100009767	DRAWN BY:	J. Rivas
CREATED:	5/5/2021	MODIFIED:	11/14/2023

SHEET: 3 OF 3