DESIGN NOTES:

- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

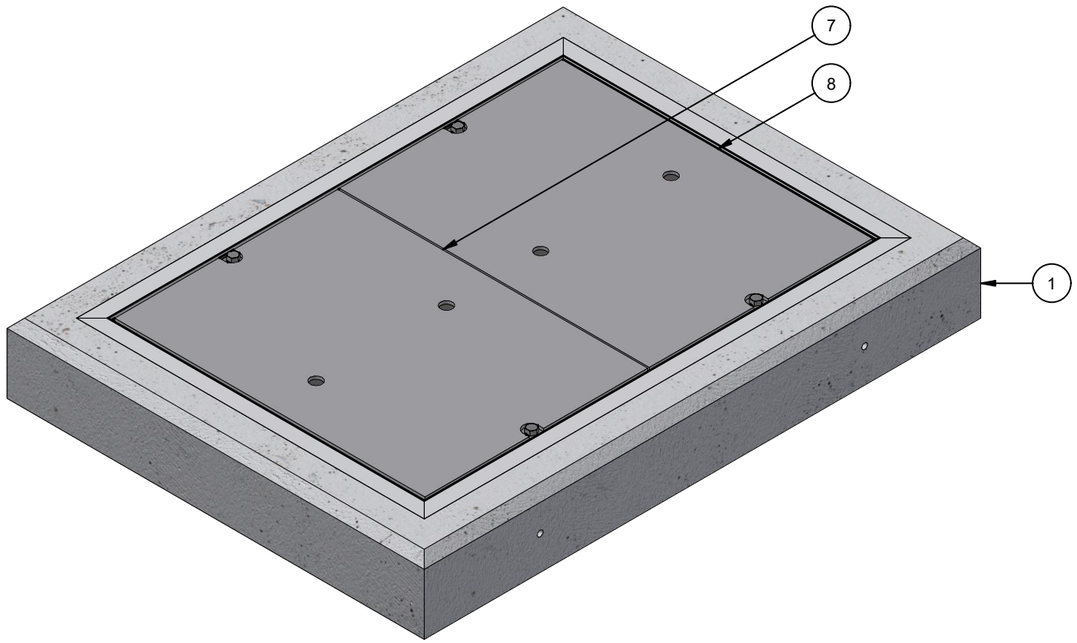
PRODUCTION NOTES:

- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN INFRASTRUCTURE FACILITY
- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - BROOMED
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - NONE

BILL OF MATERIALS

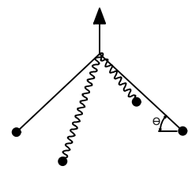
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3.120 ft^3	100005976	CONCRETE MIX GENERIC 4500 PSI
2	1	100019231	REINFORCING MAT 100019231
3	4	100002765	Insert Ferrule Loop 0.5 x 2.75" Zinc (F42 or Equiv.)
4	4	100003488	Hex Bolt 1/2-13 UNC ZINC - FT - 1"
5	4	100002766	Insert Ferrule Loop 0.625 x 3.5" Zinc (F42 or Equiv.)
6	1	100007380	FAS-2436-CDI-DP-G-LV-E100
7	1	100007627	DAS-T-2436-CDI-DP-G-LV-E100
8	1	100007617	DAS-B-2436-CDI-DP-G-LV-E100
9	3	100008549	WHEEL CHAIR SPACER WHITE 1IN 3052

10000111.idw



ISO VIEW

RIGGING DIAGRAM*	B



LIFTING NOTES

■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 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.

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	470.78 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	2605-60792-1	8/24/2026	EDC
2			
3			

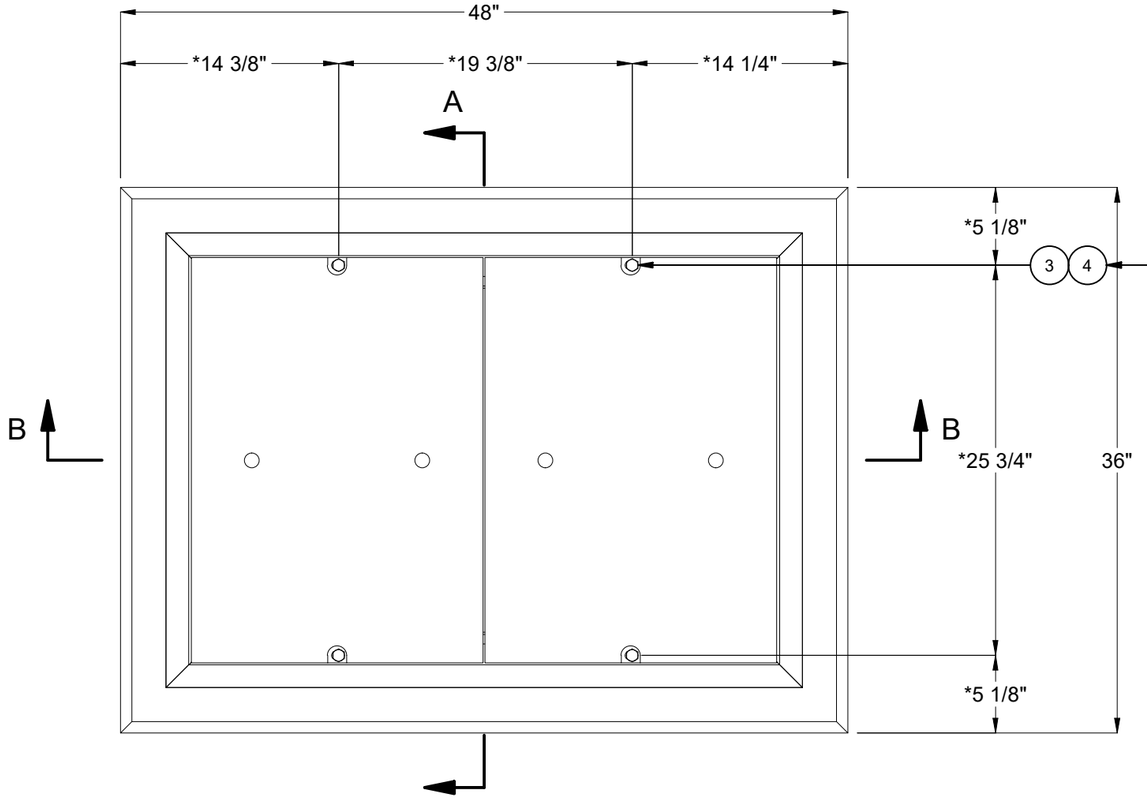
DESCRIPTION: Vault 2436x6 Slab Top 23"x35"C Cast-In Cover

CASTING LAYOUT

REV: A-1

SHEET: 1 OF 2

PART NUMBER:	100001111	DRAWN BY:	E CAMERON
CREATED:	5/1/2026	MODIFIED:	8/25/2026

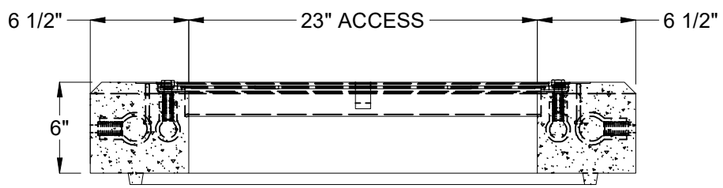


PRODUCTION NOTE:

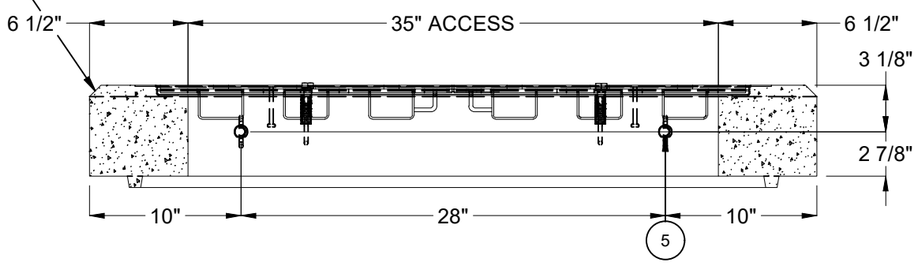
* NOTE: THESE DIMENSION ARE GOVERNED BY THE CAST-IN FRAME. ADJUST AS NECESSARY

PLAN VIEW

$0\frac{3}{4}$" X 45° Chamfer
TYPICAL, TOP LEADING EDGE



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	470.78 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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DESCRIPTION:	Vault 2436x6 Slab Top 23"x35"C Cast-In Cover CASTING DRAWING		REV: A-1
PART NUMBER:	100001111	DRAWN BY:	E CAMERON
CREATED:	5/1/2026	MODIFIED:	8/25/2026
			SHEET: 2 OF 2

100001111.idw