DESIGN NOTES:

- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 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.

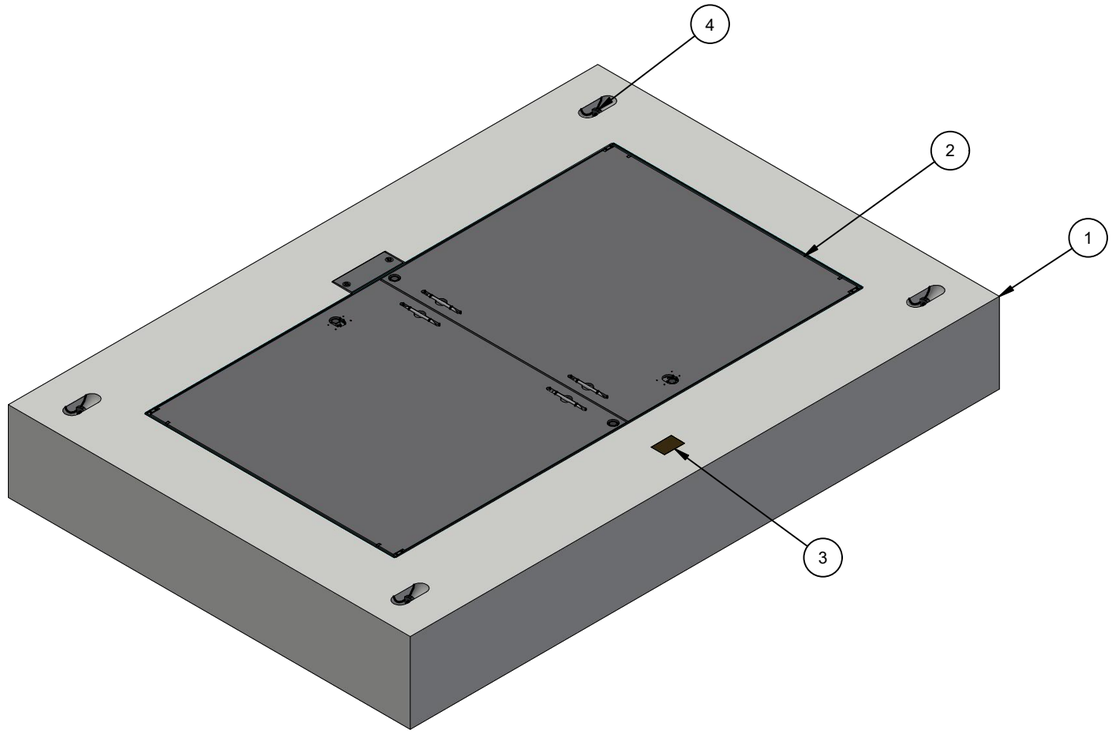
PRODUCTION NOTES:

- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN PRECAST 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	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	21.511 ft^3	21.511 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	1	200077122	CAS2-3366-CH4-TRX-G-BD-SL-GR-PNW-OH07
3	1	1	100031278	PLATE 2x3 BRASS
4	1	4	100034833	ANCHOR RAPID LIFT TECH 2.5T CLUTCH 2.4375IN LONG MB RL-25
5	1	1	300151246	REINFORCING MAT 300151246
6	1	1	300156967	REINFORCING MAT 300156967

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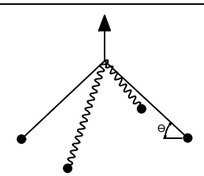


ISO LAYOUT

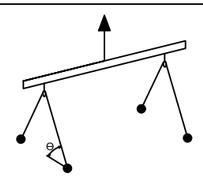
LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5000 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.
■ DEMOLDING: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 70° 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 **B**



DEMOLDING **C**



BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	3641.34 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
A	PRELIMINARY SUBMITTAL	5/3/2023	ACHO
B	TOP SLAB UPDATED	9/25/2024	EF

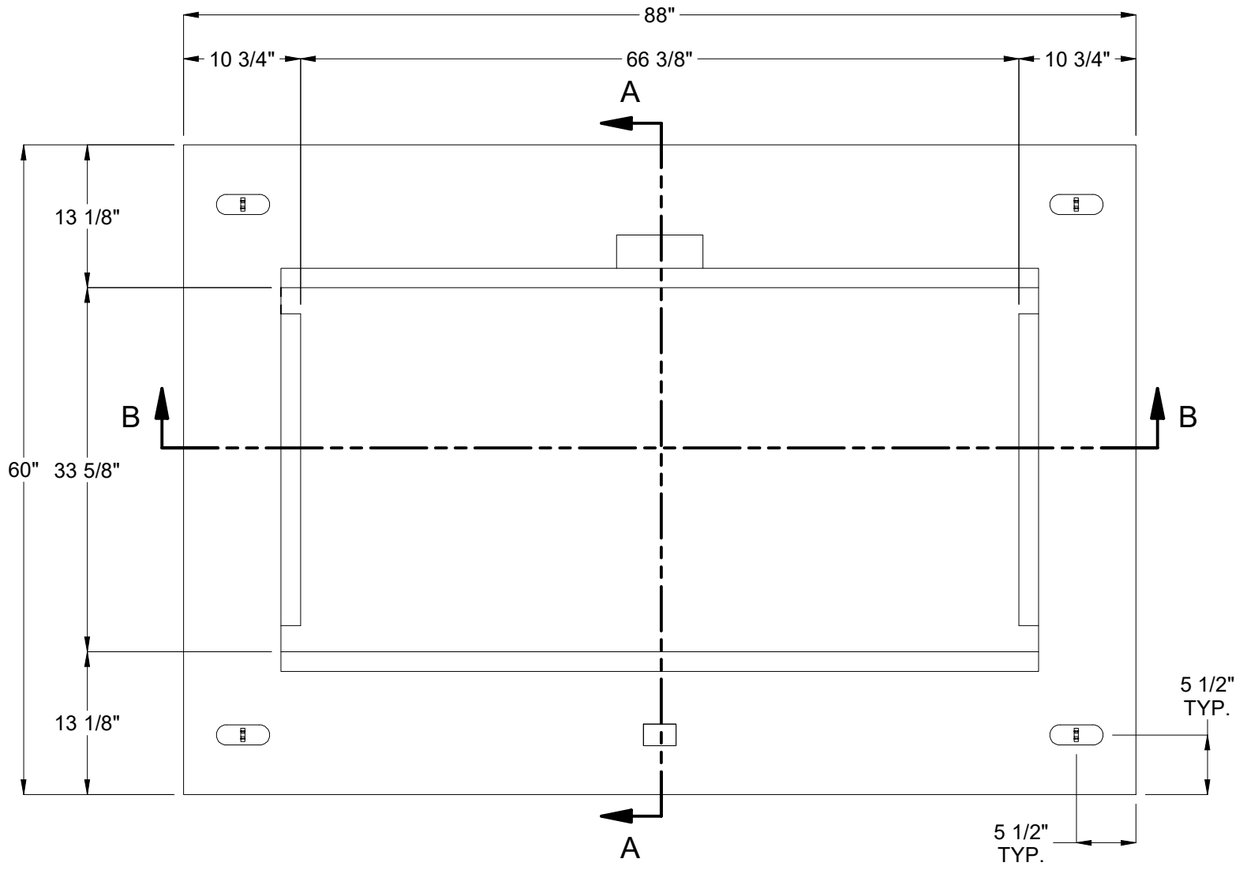
DESCRIPTION: Vault 5078x13 Slab Top 33"x66"C Cast-In Cover

CASTING LAYOUT

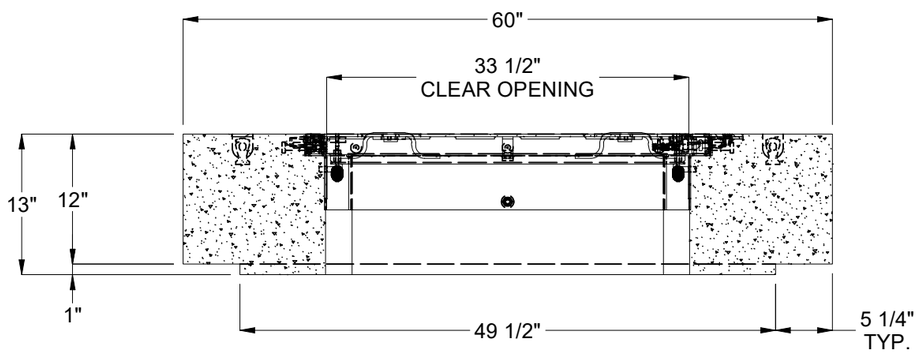
REV: B-2

SHEET: 1 OF 2

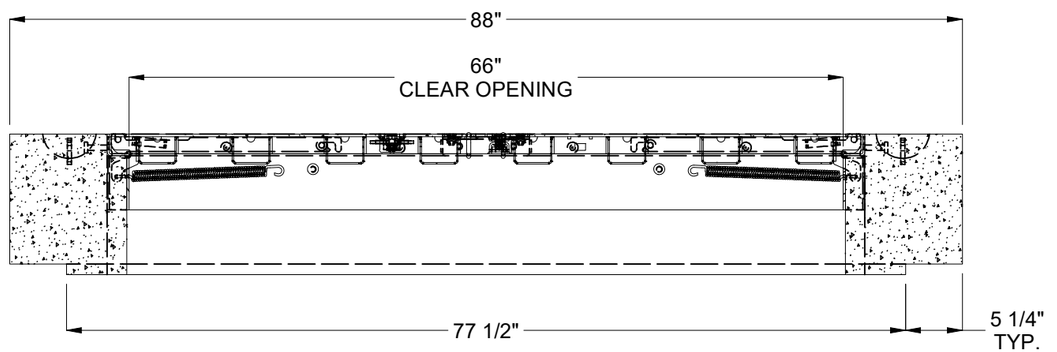
PART NUMBER:	200075421	DRAWN BY:	E.Fine
CREATED:	5/3/2023	MODIFIED:	9/26/2024



PLAN VIEW
(HATCH NOT SHOWN
FOR CLARITY)



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	3641.34 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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DESCRIPTION:	Vault 5078x13 Slab Top 33"x66"C Cast-In Cover CASTING DRAWING		REV: B-2
PART NUMBER:	200075421	DRAWN BY:	E.Fine
CREATED:	5/3/2023	MODIFIED:	9/26/2024
			SHEET: 2 OF 2

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