DESIGN NOTES:

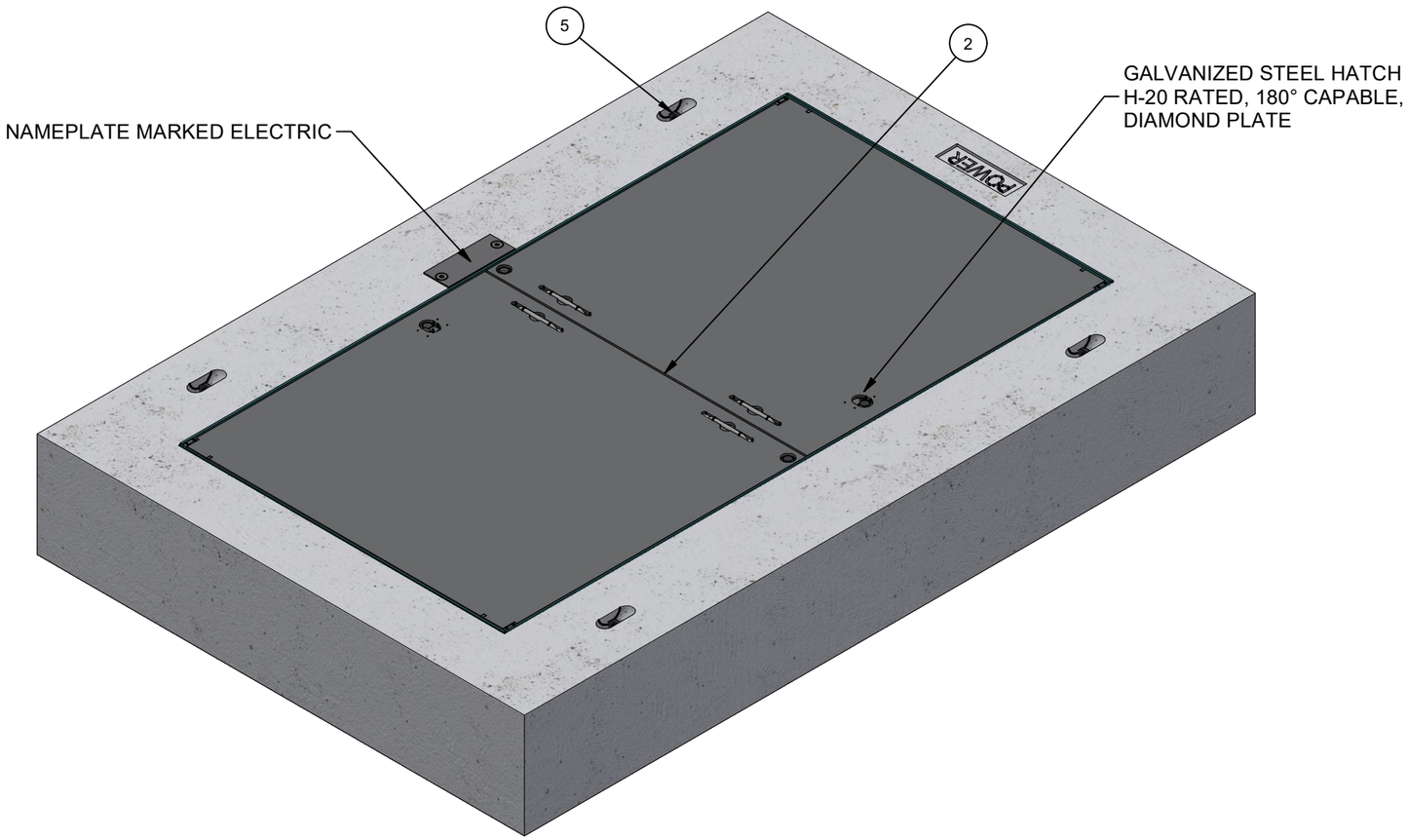
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

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	14.581 ft^3	14.581 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	1	1	200063368	CAS2-3366-CH4-DP-G-BD-SL-GR-PNW-OH07
3	1	1	300159237	REINFORCING MAT 300159237
4	1	1	300159238	REINFORCING MAT 300159238
5	1	4	100046070	ANCHOR FLEET-LIFT 2T X 2.3" H-ANCHOR P94H FL523G DAYTON - GALV

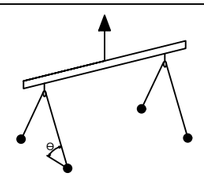


ISO LAYOUT

200061706.idw

LIFTING NOTES
■ 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 DIAGRAM*	C



BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	2627.75 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

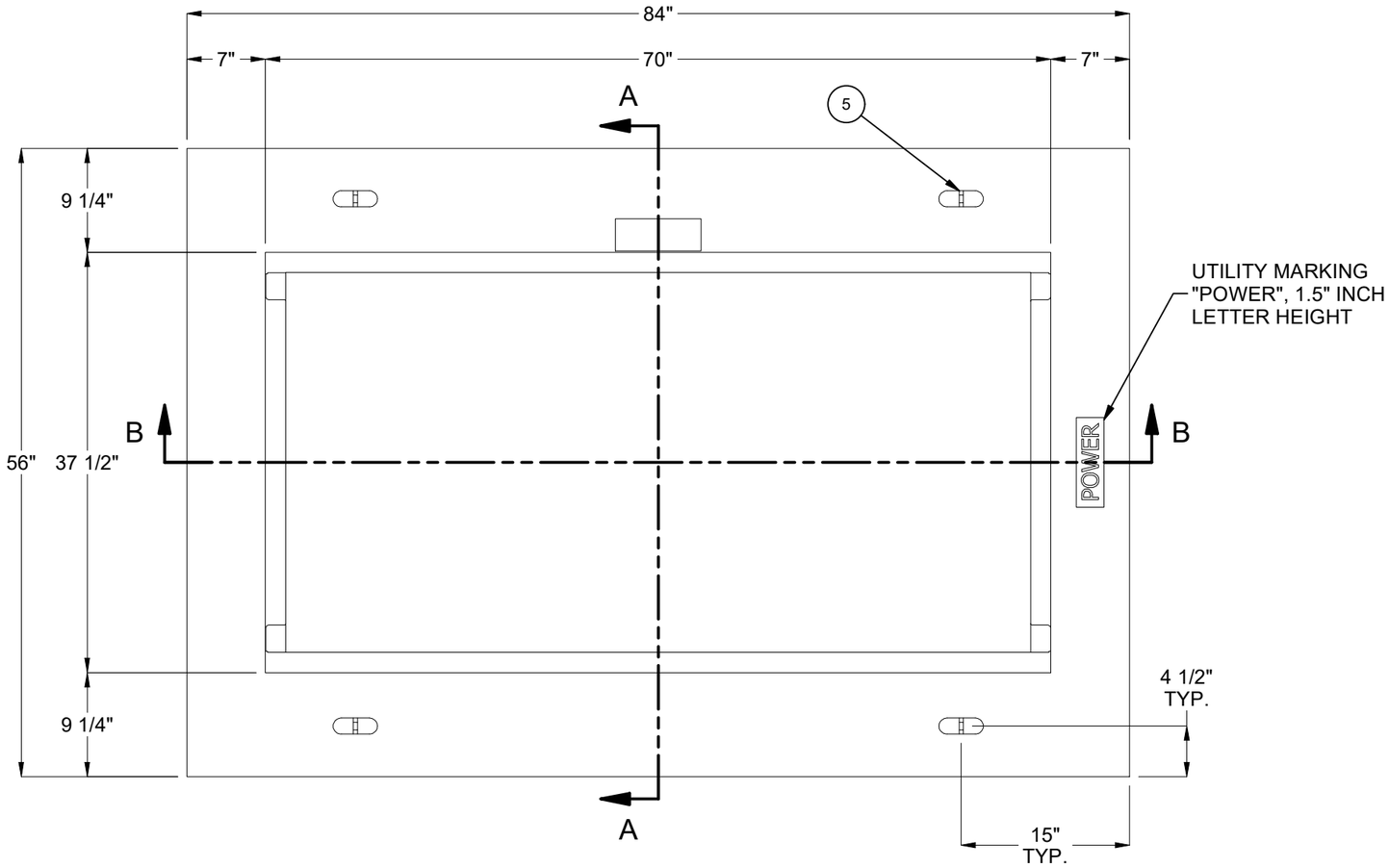
NO.	DESCRIPTION	DATE	BY
1	DRAWING CREATED	10/15/2021	T.Larson
2	RESIZED SLAB FOR CURRENT FORMS	8/21/2024	A. Viveiros
3	REMOVED ADDITIONAL TEMPERATURE BAR	4/28/2025	A. Viveiros
4	ADJUSTED KEYWAY	10/13/2025	A. Viveiros

DESCRIPTION: Vault 5078x13 Slab Top 3672"C PSE MID 7656410
CASTING LAYOUT

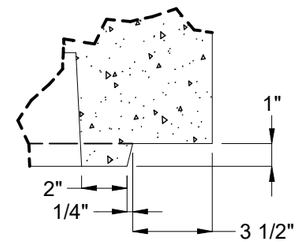
REV: B-2-2

PART NUMBER: 200061706
DRAWN BY: A. Viveiros
CREATED: 3/27/2022
MODIFIED: 10/15/2025

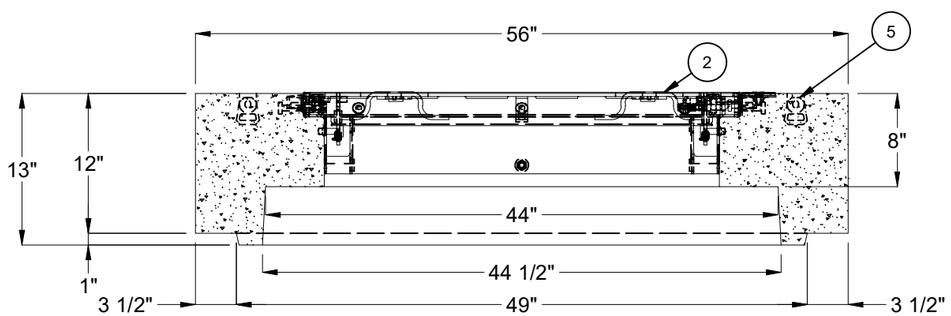
SHEET: 1 OF 2



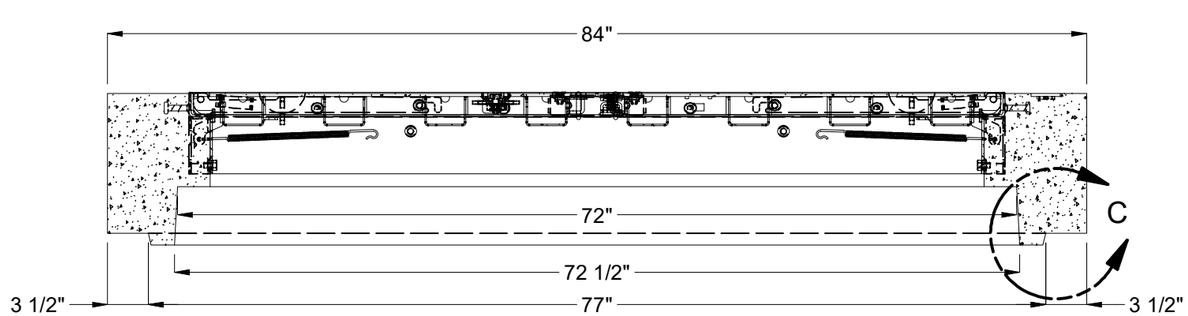
PLAN VIEW
(HATCH NOT SHOWN)



JOINT DETAIL C



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	2627.75 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 5078x13 Slab Top 3672"C PSE MID 7656410 CASTING DRAWING		REV: B-2-2
PART NUMBER:	200061706	DRAWN BY:	A. Viveiros
CREATED:	3/27/2022	MODIFIED:	10/15/2025
			SHEET: 2 OF 2

200061706.idw