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.

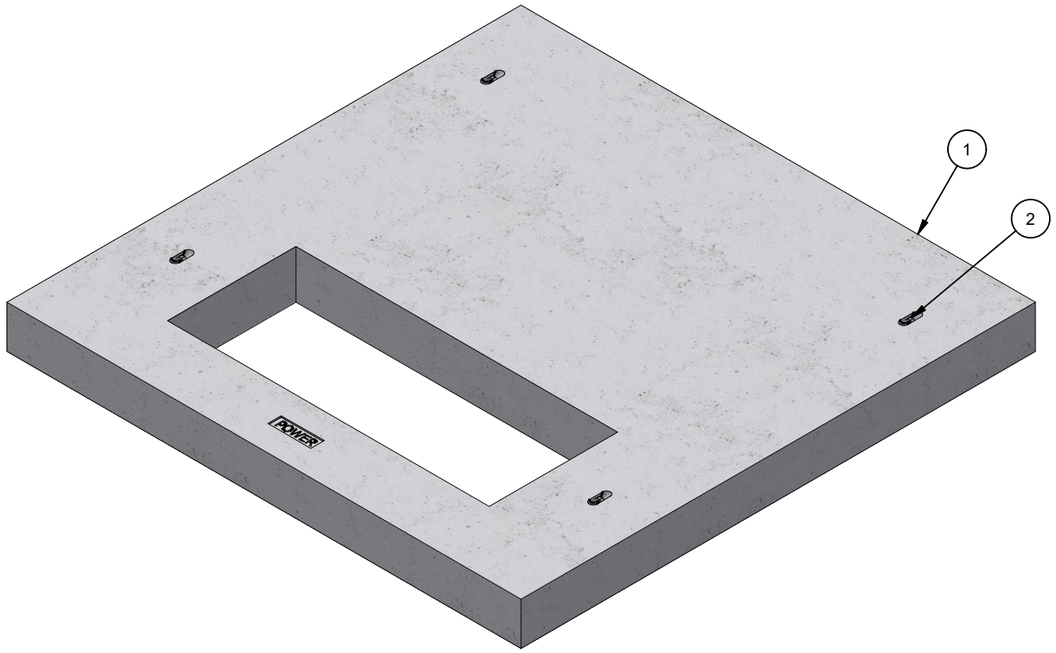
PRODUCTION NOTES:

- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN 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	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	38.448 ft^3	38.448 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	1	4	100042535	ANCHOR FLEET-LIFT 4T T-ANCHOR P94 FL848G DAYTON - GALV
3	1	1	300160077	REINFORCING MAT 300160077
4	1	1	300160078	REINFORCING MAT 300160078

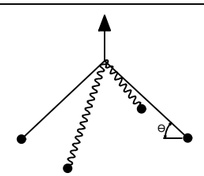
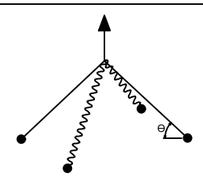
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ISO VIEW

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3500 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 LIFT CONNECTIONS EQUALLY LOADED TO LIFTING POINTS AT A MINIMUM ° 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	B
			

CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	2408-57513-2	5/8/2025	AMV
2			
3			

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	5782.8 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-03 (300 psf)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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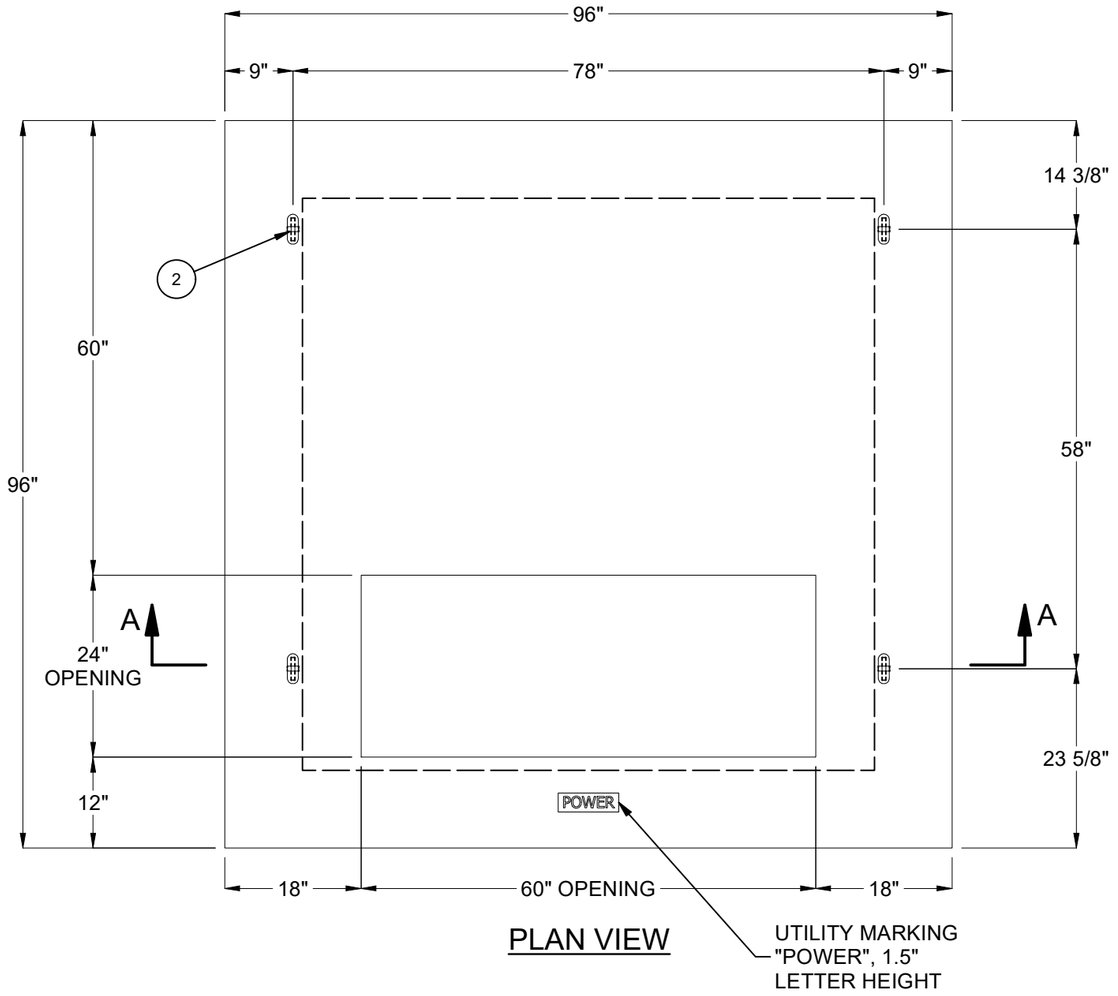
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DESCRIPTION:
Vault 9696x9 Slab Top 24"x60"E PSE MID 9996109
CASTING LAYOUT

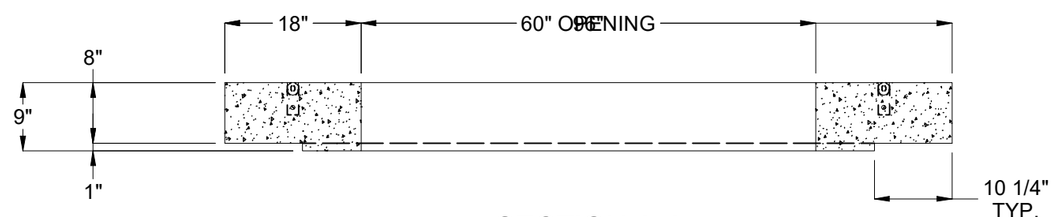
REV: A-1-2

PART NUMBER:	200093291	DRAWN BY:	A. Viveiros
CREATED:	9/6/2024	MODIFIED:	6/12/2025

SHEET: 1 OF 2



PLAN VIEW



SECTION A-A

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BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	5782.8 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-03 (300 psf)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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DESCRIPTION:	Vault 9696x9 Slab Top 24"x60"E PSE MID 9996109 CASTING DRAWING		REV: A-1-2
PART NUMBER:	200093291	DRAWN BY:	A. Viveiros
CREATED:	9/6/2024	MODIFIED:	6/12/2025
			SHEET: 2 OF 2