DESIGN NOTES:

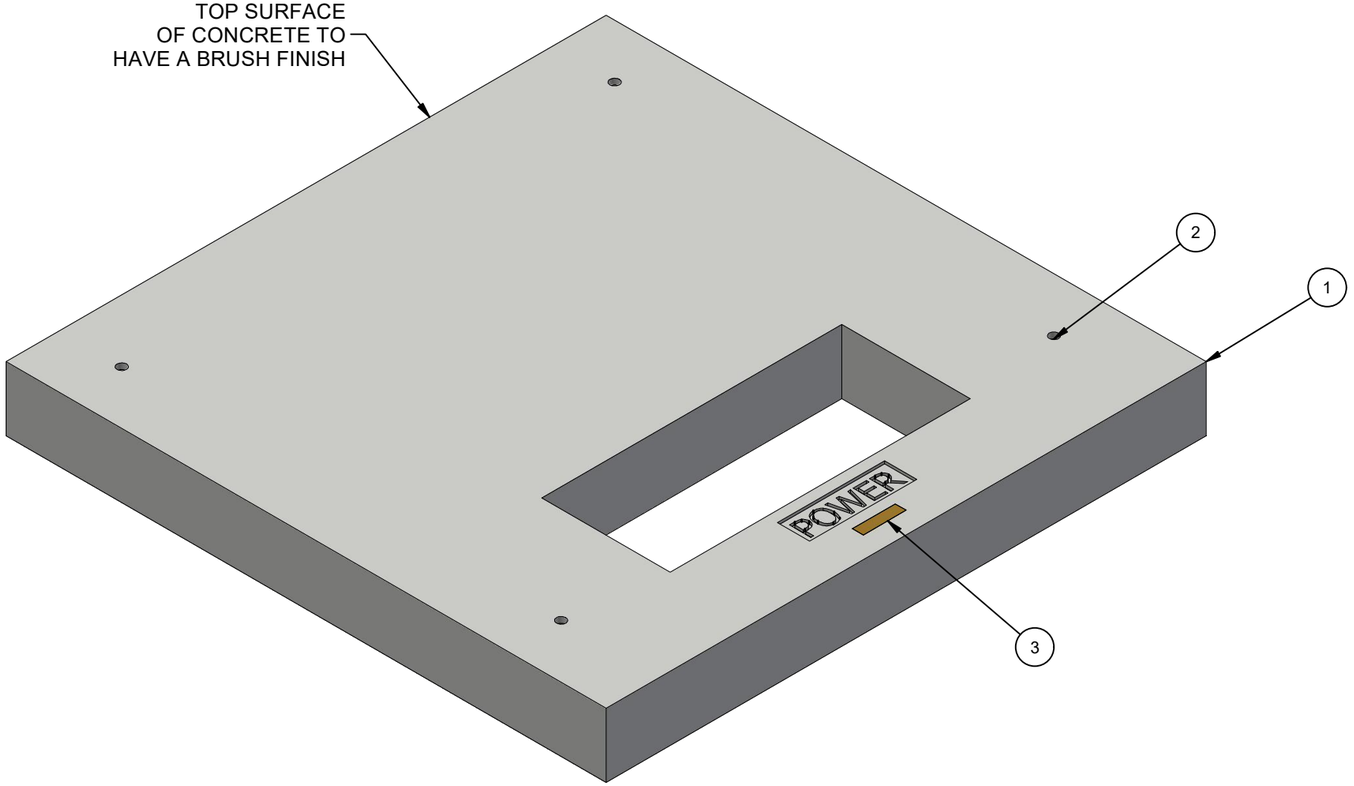
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

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

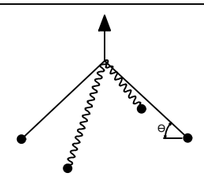
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	9.714 ft^3	9.714 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	1	4	100002767	Insert Ferrule Loop 0.75 x 3.5" Zinc (F42 or Equiv.)
3	1	1	100040388	PLATE 1x4 BRASS
4	1	1	300157913	REINFORCING MAT 300157913



ISO VIEW

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.

RIGGING DIAGRAM*	B



BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	1461.22 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-03 (300 psf)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
A	2412-58152	12/20/2024	A. Viveiros

DESCRIPTION: Vault 5050x6 Slab Top 12"x28"E SnoPUD

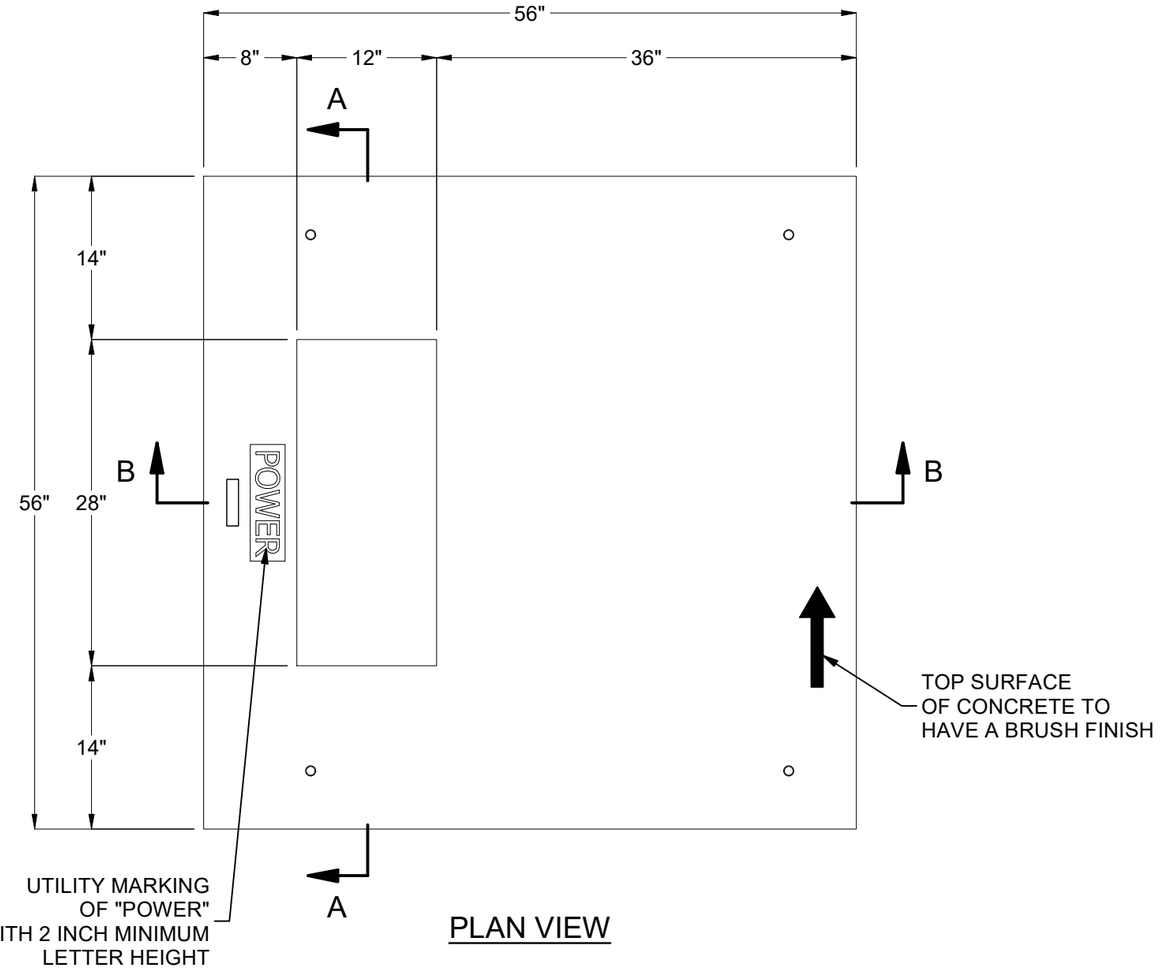
CASTING LAYOUT

REV: A-1

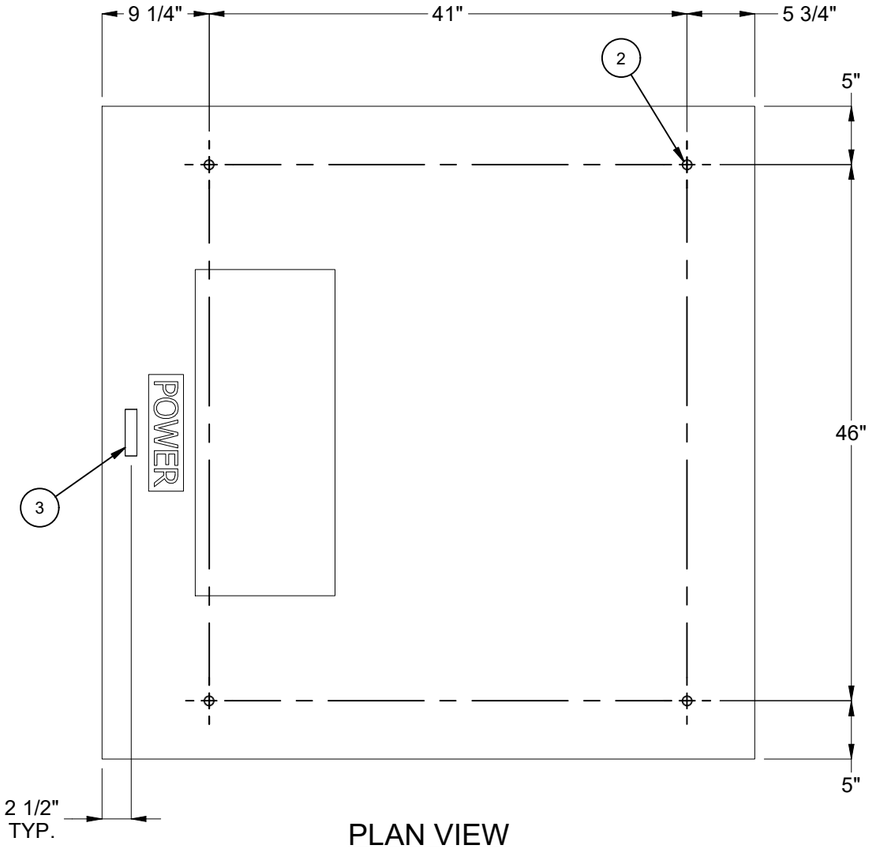
PART NUMBER:	200096341	DRAWN BY:	S. de Lange Boom
CREATED:	12/20/2024	MODIFIED:	1/20/2025

SHEET: 1 OF 2

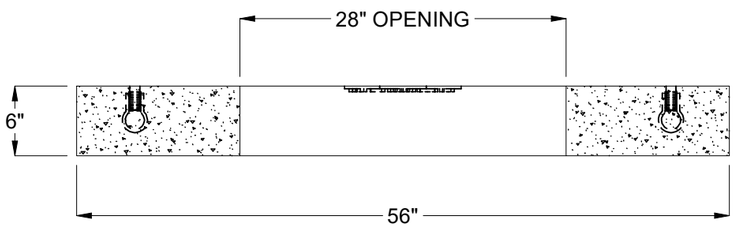
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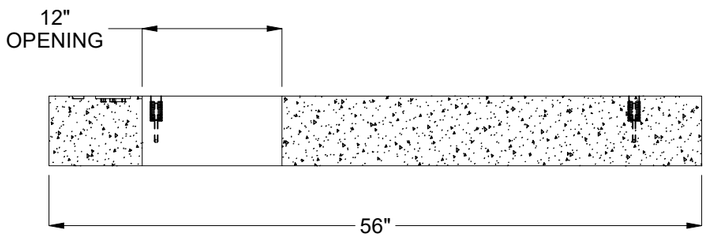
PLAN VIEW



PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	1461.22 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-03 (300 psf)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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DESCRIPTION:	Vault 5050x6 Slab Top 12"x28"E SnoPUD CASTING DRAWING		REV: A-1
PART NUMBER:	200096341	DRAWN BY:	S. de Lange Boom
CREATED:	12/20/2024	MODIFIED:	1/20/2025
			SHEET: 2 OF 2

200096341.idw