DESIGN NOTES:

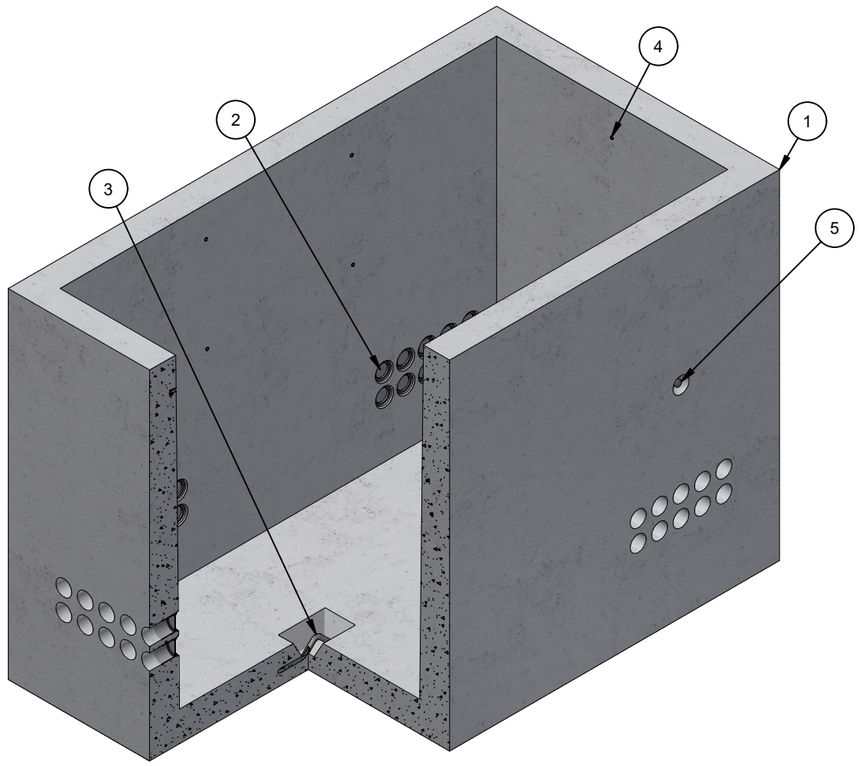
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

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

BILL OF MATERIALS

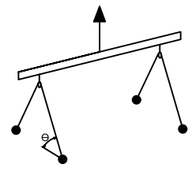
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	118.322 ft^3	118.322 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	60	100007286	TERMINATOR DUCT WITH SEAL 3IN T3001
3	1	5	100004660	PULL IRON OFFSET B783519 3.5H X 19L X.875DIA GALV
4	1	10	100002785	INSERT THREADED METAL 1/2-13 UNC 1-1/2 IN
5	1	8	100002875	ANCHOR DOGBONE P52 4T X 5-1/2" GALV
6	1	1	200039678	REINFORCING MAT 200039678
7	1	1	200039680	REINFORCING MAT 200039680



ISO VIEW

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3000 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' - 5.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	18099.26 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

Infrastructure
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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	DRAWING CREATED	5/18/2020	T.Larson
2	2402-56551-16	5-22-24	MLR
3	REVISED TERMINATOR PLACEMENTS	7/20/2026	AMV

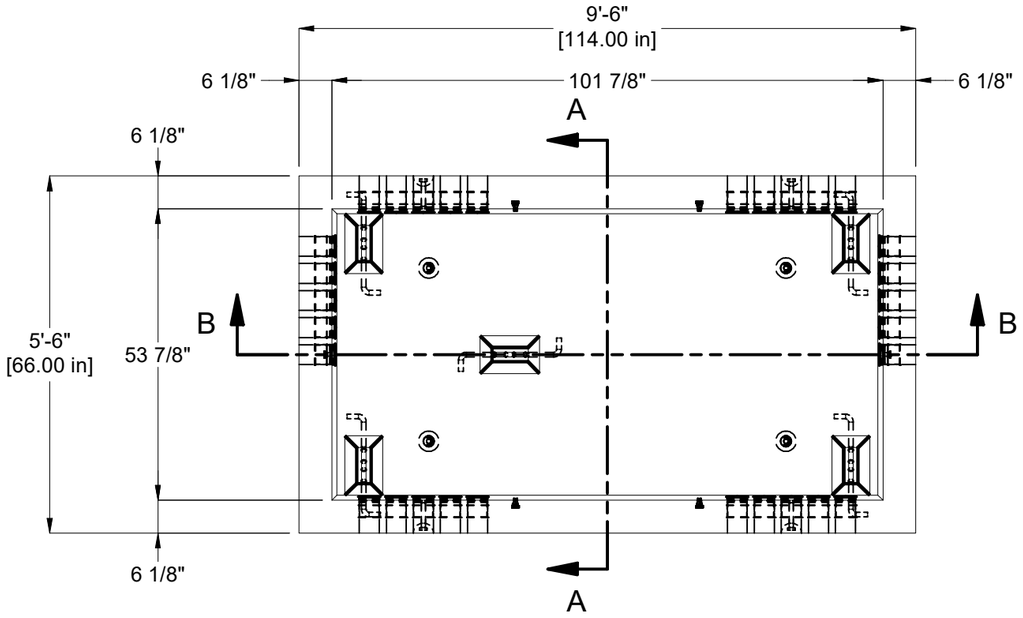
DESCRIPTION:
Vault 54102x72 Rect. Bottom Section Terminators Overton Power Medium
CASTING LAYOUT

REV: A-1

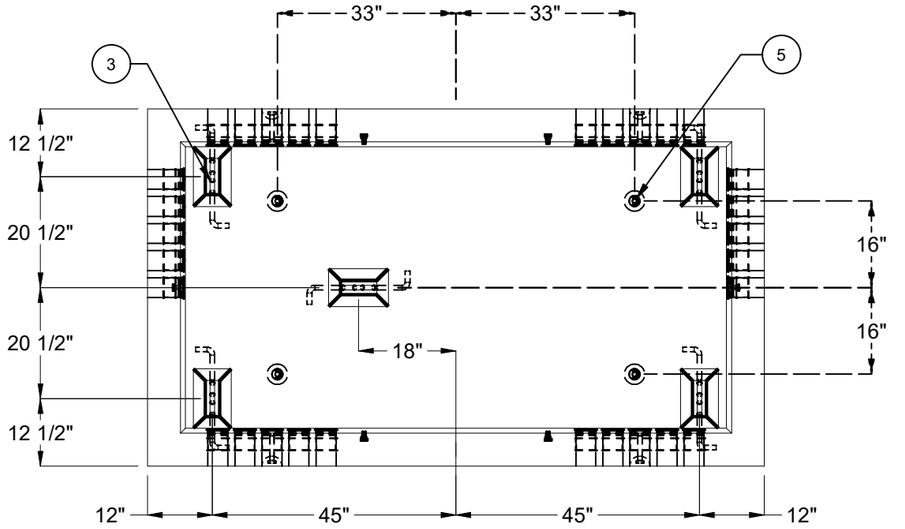
PART NUMBER:	200039679	DRAWN BY:	A. Viveiros
CREATED:	5/19/2020	MODIFIED:	7/22/2026

SHEET: 1 OF 2

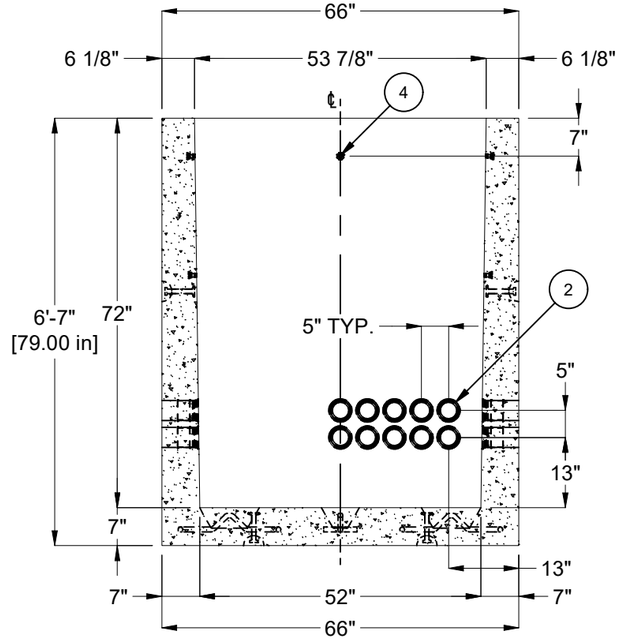
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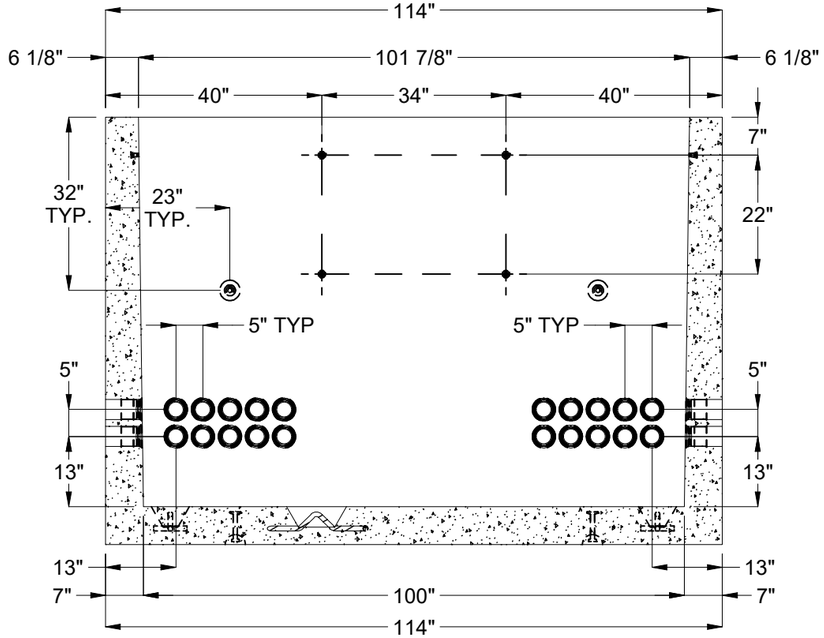
PLAN VIEW



PLAN VIEW
(SHOWING CAST-IN FEATURES)



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 5.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	18099.26 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Vault 54102x72 Rect. Bottom Section Terminators Overton Power Medium CASTING DRAWING		REV: A-1
PART NUMBER:	200039679	DRAWN BY:	A. Viveiros
CREATED:	5/19/2020	MODIFIED:	7/22/2026
			SHEET: 2 OF 2

200039679.idw