DESIGN NOTES:

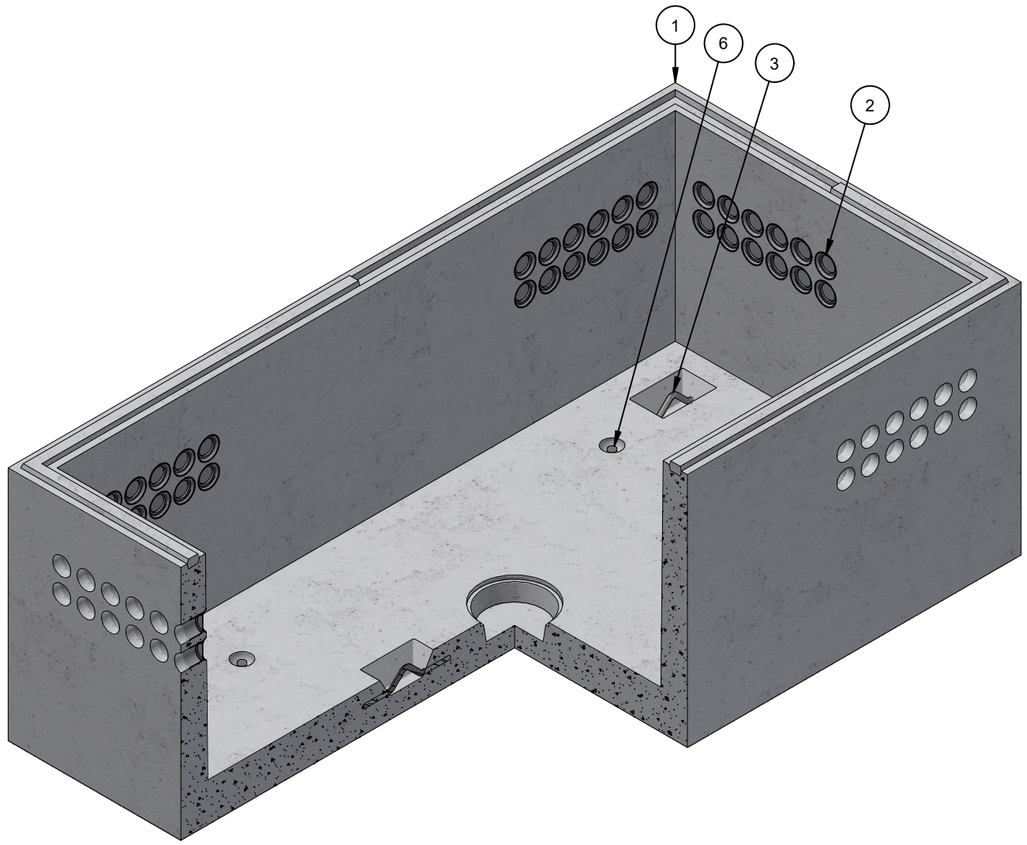
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

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	90.448 ft^3	90.448 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	72	100003011	TERMINATOR DUCT WITH SEAL 3IN SHORT T3000
3	1	5	100004660	PULL IRON OFFSET B783519 3.5H X 19L X.875DIA GALV
4	1	1	200118877	REINFORCING MAT 200118877
5	1	1	200118878	REINFORCING MAT 200118878
6	1	8	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV

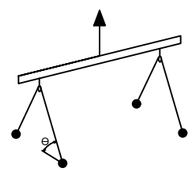


ISO VIEW

100001394.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**



CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE		
2	ADDED ADDITIONAL TERMINATORS	8/10/2026	AMV

BURY DEPTH:	0.0' - 5.9' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	13910.3 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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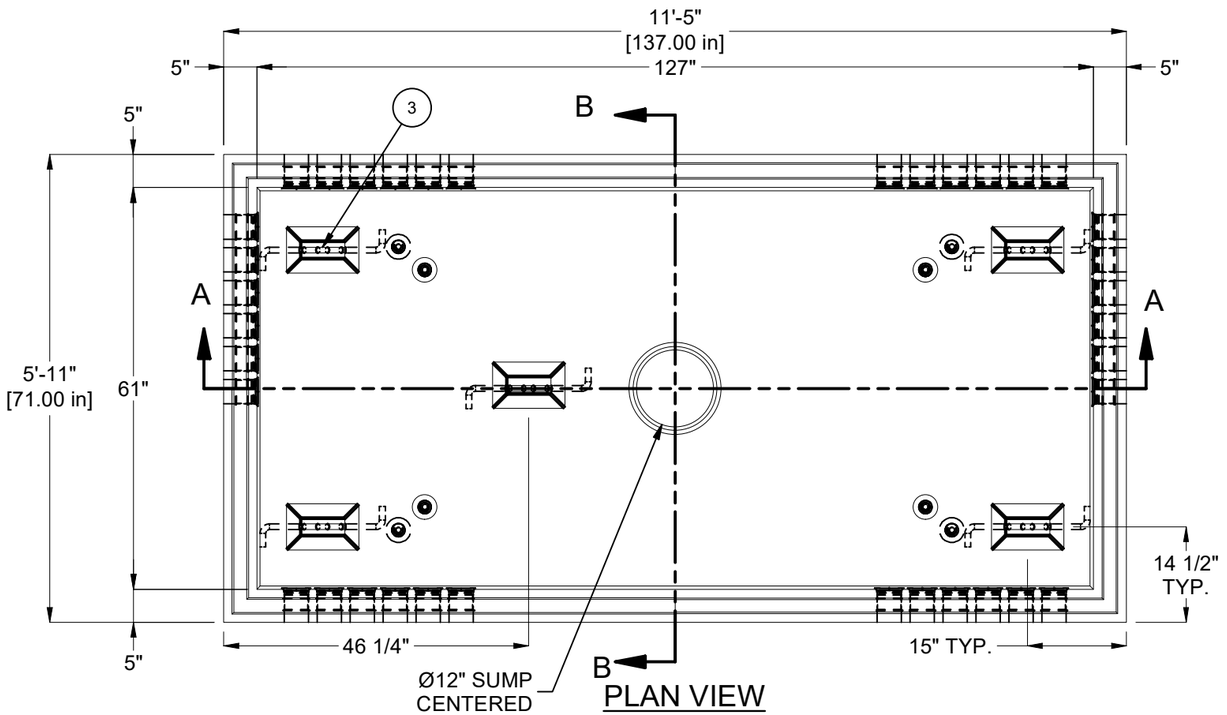
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DESCRIPTION:
Vault 60126x40.5 Rect. Bottom Section Terminators Sump Overton Power Large
CASTING LAYOUT

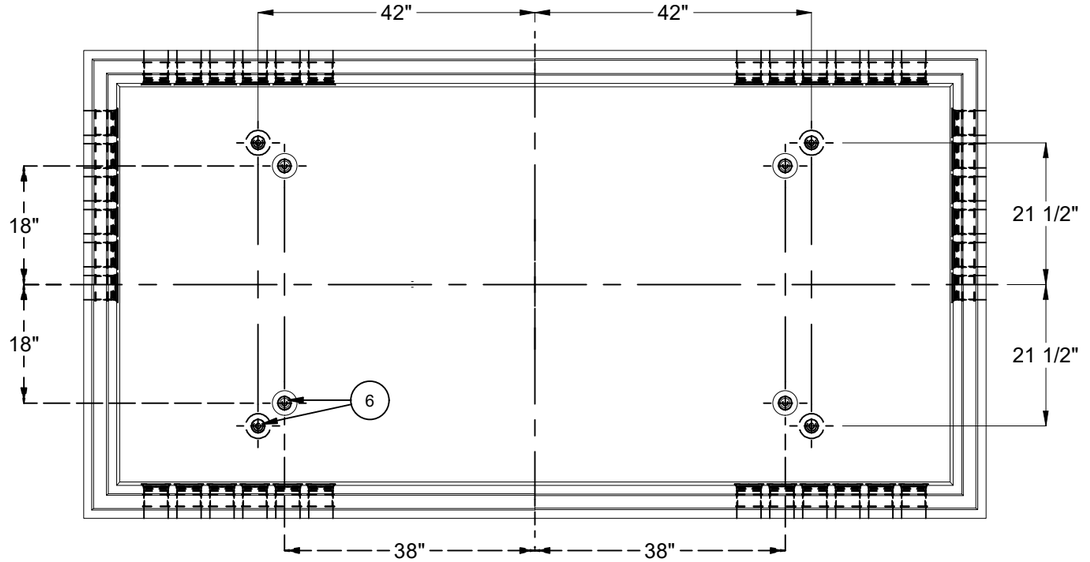
REV: B-1

SHEET: 1 OF 2

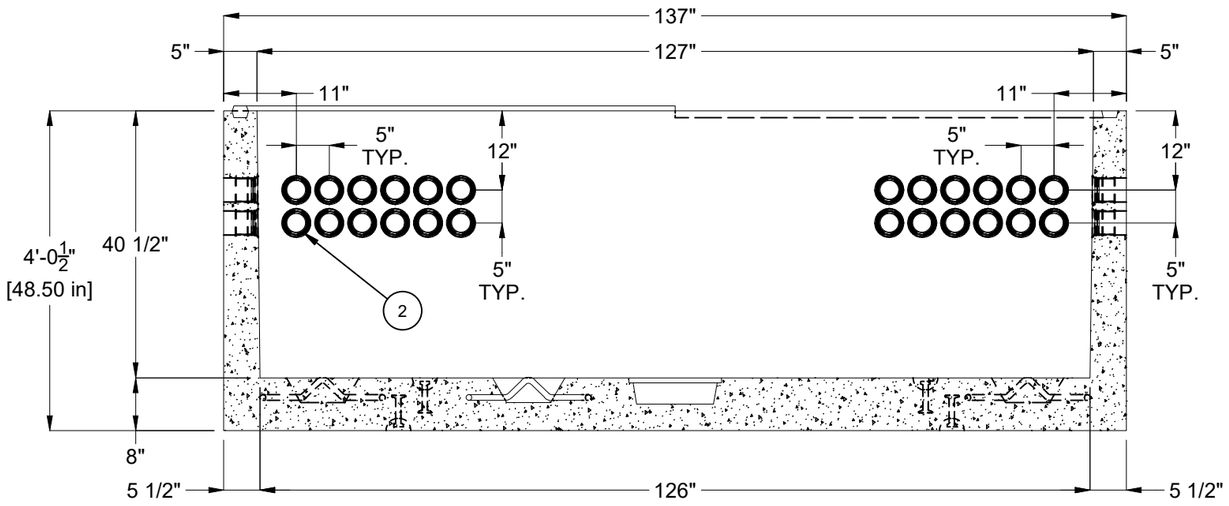
PART NUMBER:	100001394	DRAWN BY:	A. Viveiros
CREATED:	6/7/2023	MODIFIED:	8/10/2026



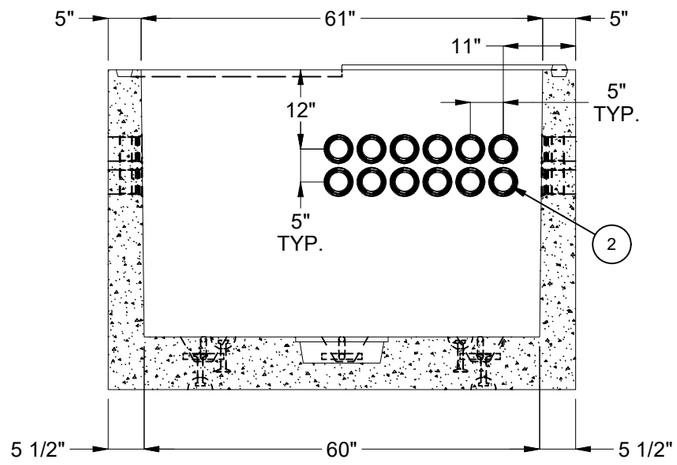
PLAN VIEW



PLAN VIEW
(SHOWING LIFTER LOCATIONS)



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 5.9' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	13910.3 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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This product shall only be produced in a Jensen Infrastructure facility.

DESCRIPTION:
Vault 60126x40.5 Rect. Bottom Section Terminators Sump Overton Power Large
CASTING DRAWING

REV: B-1

PART NUMBER:	100001394	DRAWN BY:	A. Viveiros
CREATED:	6/7/2023	MODIFIED:	8/10/2026

SHEET: 2 OF 2

100001394.idw