DESIGN NOTES:

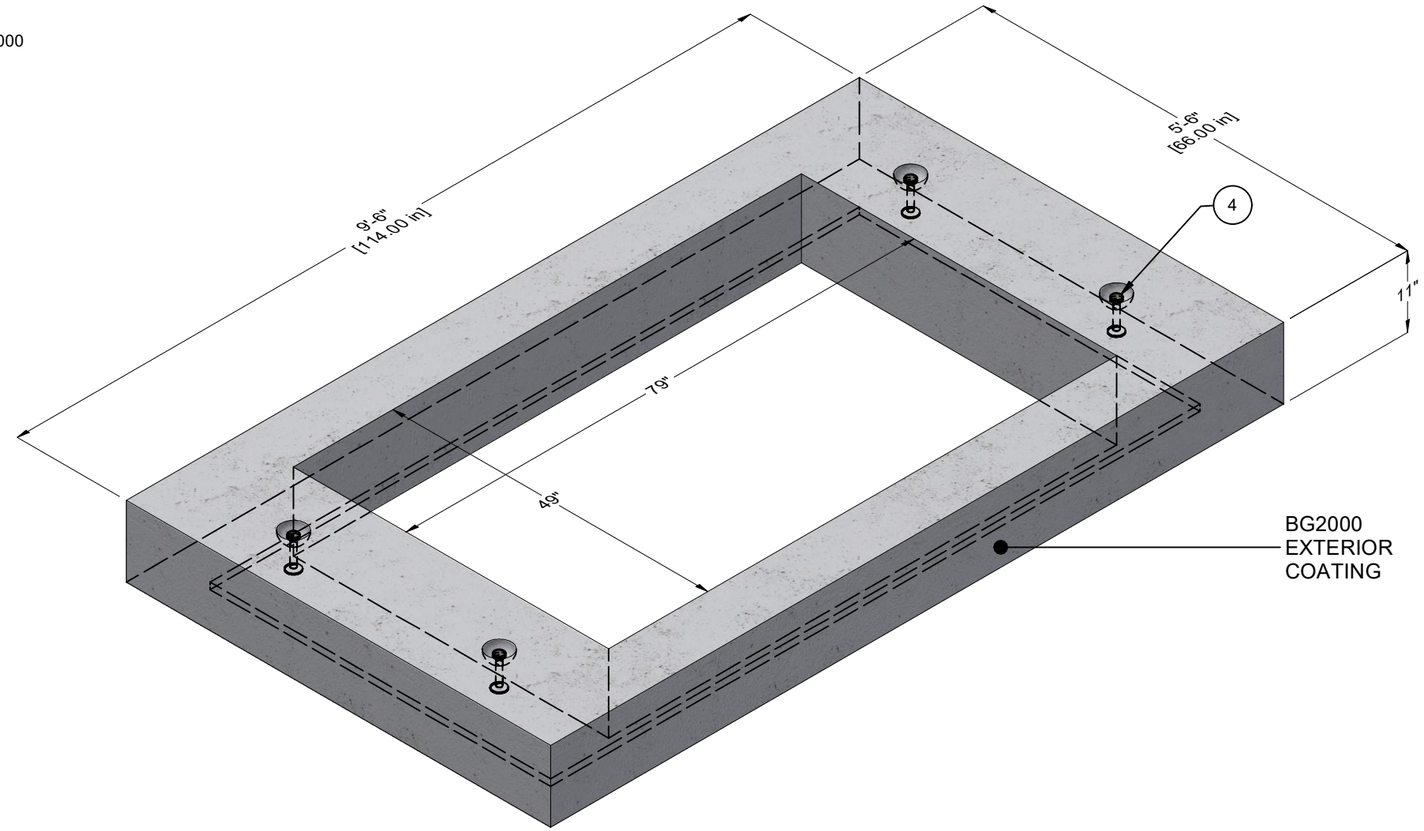
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN INFRASTRUCTURE FACILITY
- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - NONE
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - Coating - Multicoat BG2000

BILL OF MATERIALS

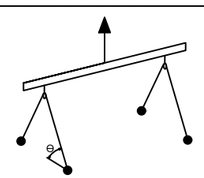
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	24.075 ft^3	24.075 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	1	300125688	REINFORCING MAT 300125688
3	1	1	300160903	REINFORCING MAT 300160903
4	1	4	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV
5	1.000 gal	2.000 gal	100042909	COATING WATERPROOFING BG2000 MULTICOAT



ISO REF

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' - 1.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	3622.18 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
4	ADDED BG2000 COATING	4-22-22	EDC
5	UPDATED BG2000 PART NO. 100042909	8-15-23	EDC
6	OPTIMIZE REINFORCING	7-25-2025	EDC

DESCRIPTION: Vault 54102x12 Slab Top 49"x79"C TMWA Ext. Coating - Multicoat BG2000

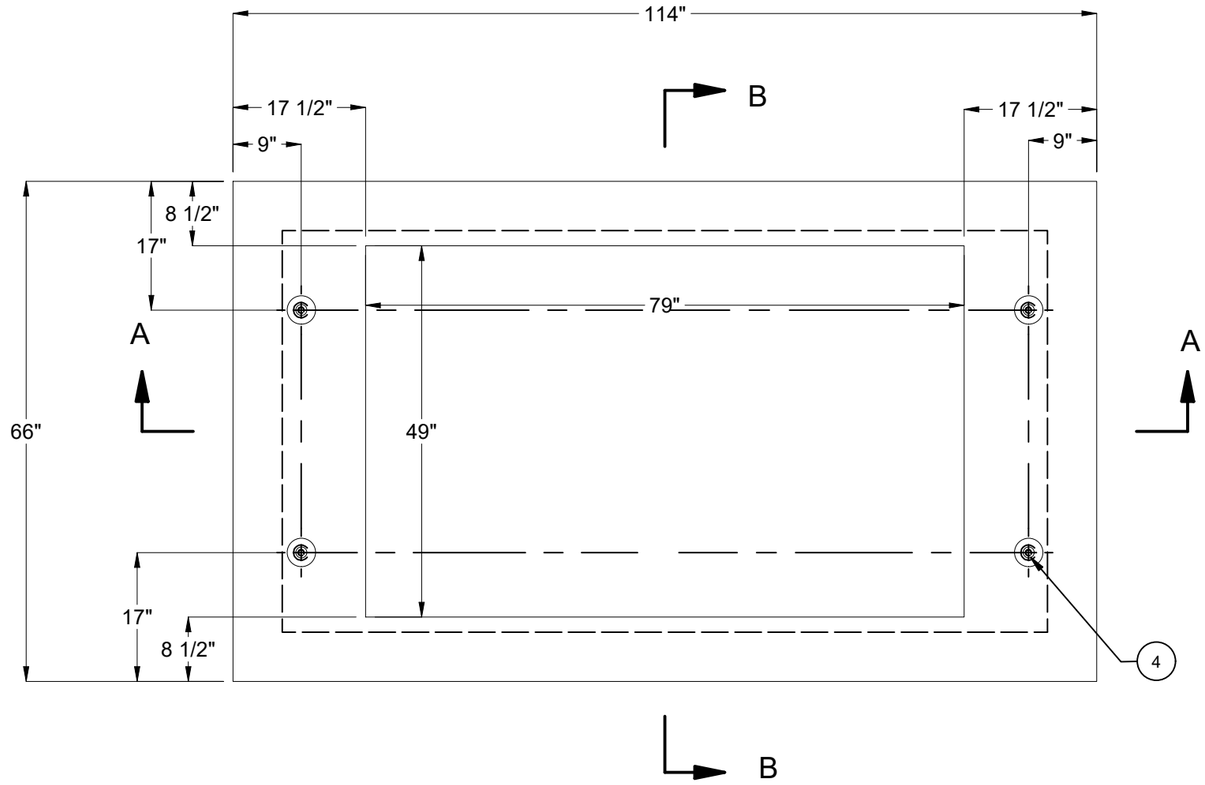
CASTING LAYOUT

REV: B-1-1

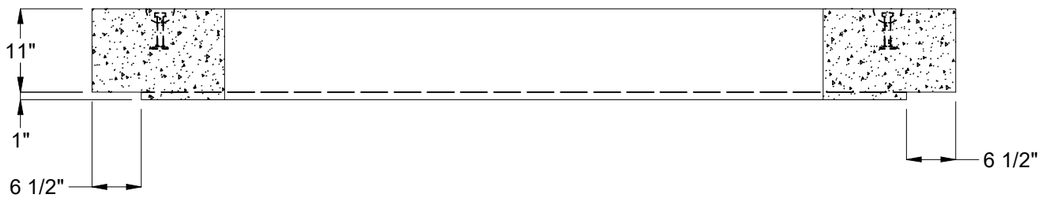
PART NUMBER:	100001388	DRAWN BY:	E CAMERON
CREATED:	10/27/2017	MODIFIED:	7/25/2025

SHEET: 1 OF 2

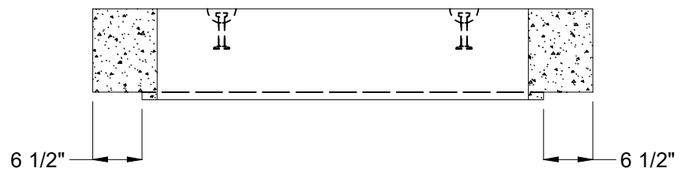
100001388.idw



PLAN VIEW



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	3622.18 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Vault 54102x12 Slab Top 49"x79"C TMWA Ext. Coating - Multicoat BG2000 CASTING DRAWING		REV: B-1-1
PART NUMBER:	100001388	DRAWN BY:	E CAMERON
CREATED:	10/27/2017	MODIFIED:	7/25/2025
			SHEET: 2 OF 2

100001388.idw