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.

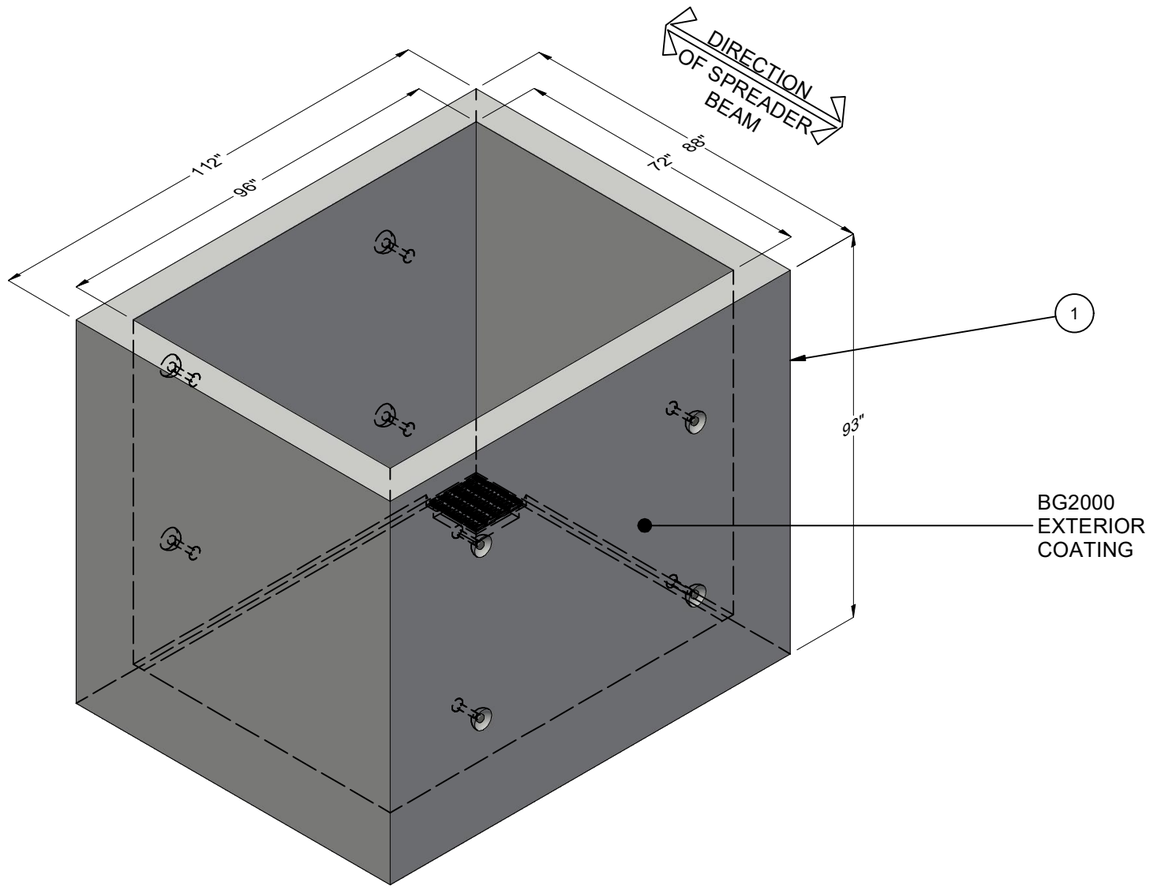
PRODUCTION NOTES:

- 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 - Coating - Multicoat BG2000

BILL OF MATERIALS

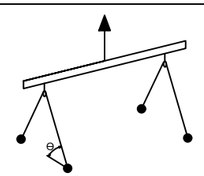
ITEM	QTY	PART NUMBER	DESCRIPTION
1	190.119 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	300150520	REINFORCING MAT 300150520
3	8	100002880	ANCHOR DOGBONE P52 8T X 6-3/4" GALV
4	1	100004775	SUMP PAN GRT 13X13 SQUARE POLYLOK
5	10.000 gal	100042909	COATING WATERPROOFING BG2000 MULTICOAT

ALTERNATE WWR REINFORCING OPTION	
PART NUMBER	DESCRIPTION
200090511	REINFORCING MAT 200090511



ISO REF

RIGGING DIAGRAM*	C



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.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A-2	JOB SPECIFIC - MOVED SUMP	06/09/2022	EDC
B-2	ADDED BG2000 EXTERIOR COATING	06/22/2022	EDC
C-1	BG2000 100042909	08/15/2023	EDC
C-1-1	PROPERTY UPDATES, ALTERNAIVE WWR OPTION	09/10/2024	EDC

BURY DEPTH:	0.0' - 4.9' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	28594.29 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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This product shall only be produced in a Jensen Precast facility.

DESCRIPTION: Vault 7296x84 Rect. Bottom Section Core Drill Sump Ext. Coating - Multicoat BG2000

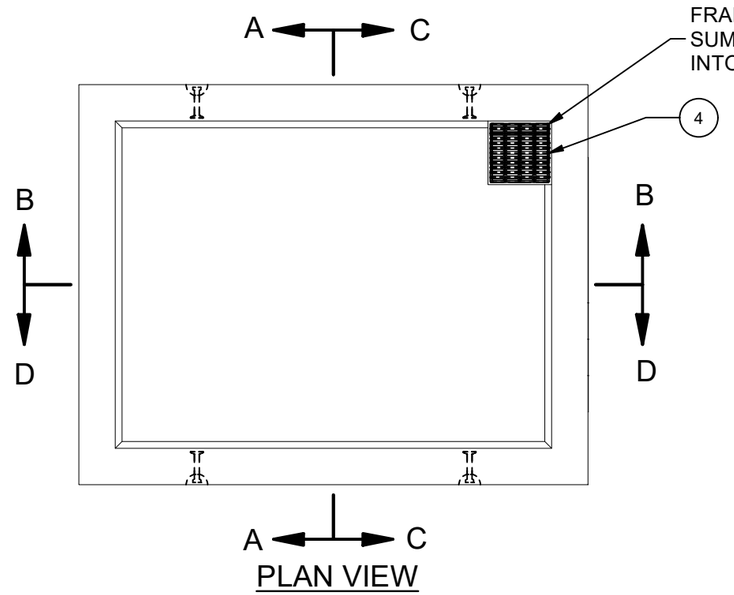
CASTING LAYOUT

REV: C-1-1

PART NUMBER:	200065313	DRAWN BY:	E CAMERON
CREATED:	6/7/2022	MODIFIED:	9/10/2024

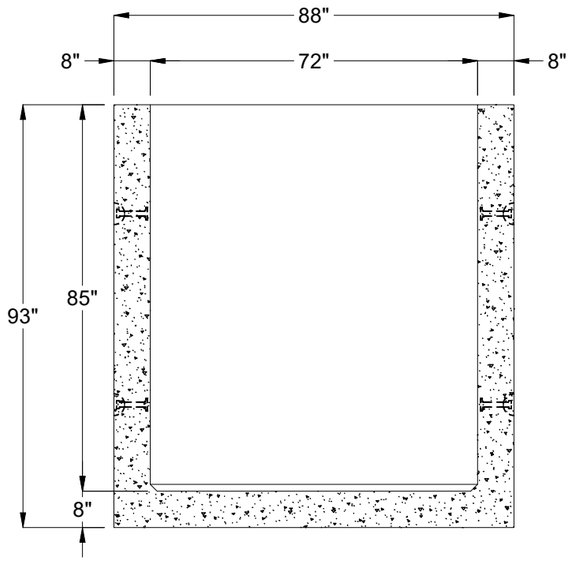
SHEET: 1 OF 2

200065313.idw

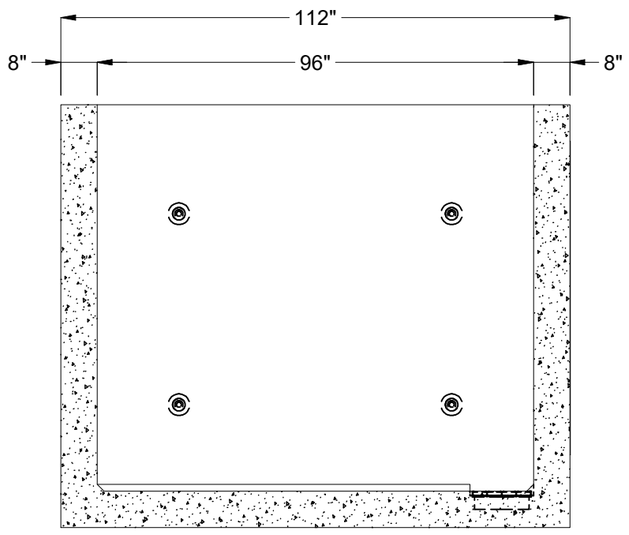


PLAN VIEW

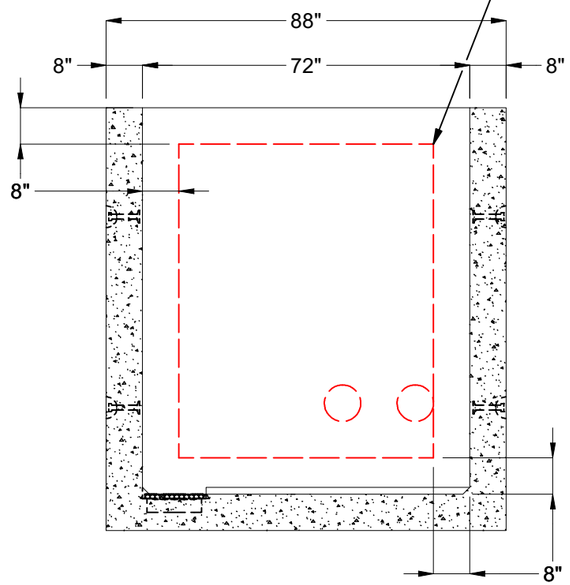
ALLOWABLE CORE AREA
MAXIMUM OF ONE 18" HOLE FOR A FULLY GROUTED
RIGID PIPE ALLOWED AT EACHWALL.
EACH HOLE MUST BE NO CLOSER
THAN 8" OFF INSIDE WALL CORNER AND ABOVE FLOOR
A SERIES OF SMALLER CORES ARE PERMITTED AT ONE
ELEVATION PROVIDED THEY ARE HORIZONTALLY SPACED
NO CLOSER THAN TWICE THE CORE DIAMETER ON CENTER.



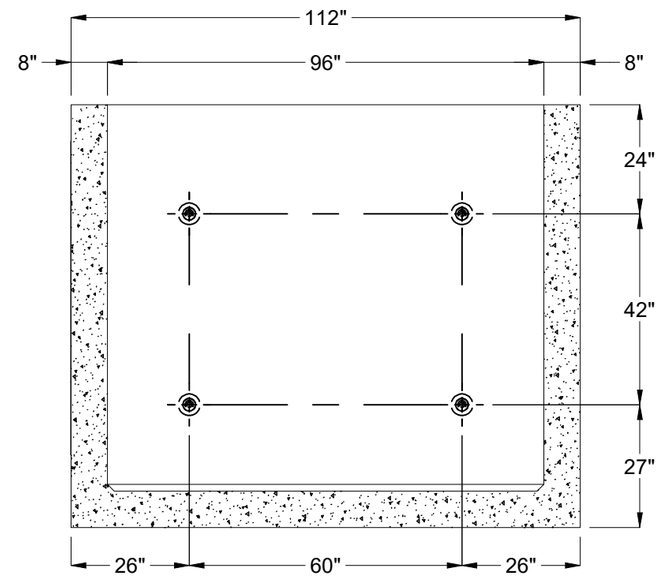
SECTION A-A
SEE C-C



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 4.9' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	28594.29 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 7296x84 Rect. Bottom Section Core Drill Sump Ext. Coating - Multicoat BG2000		REV: C-1-1
	CASTING DRAWING		SHEET: 2 OF 2
PART NUMBER:	200065313	DRAWN BY:	E CAMERON
CREATED:	6/7/2022	MODIFIED:	9/10/2024

200065313.idw