DESIGN NOTES:

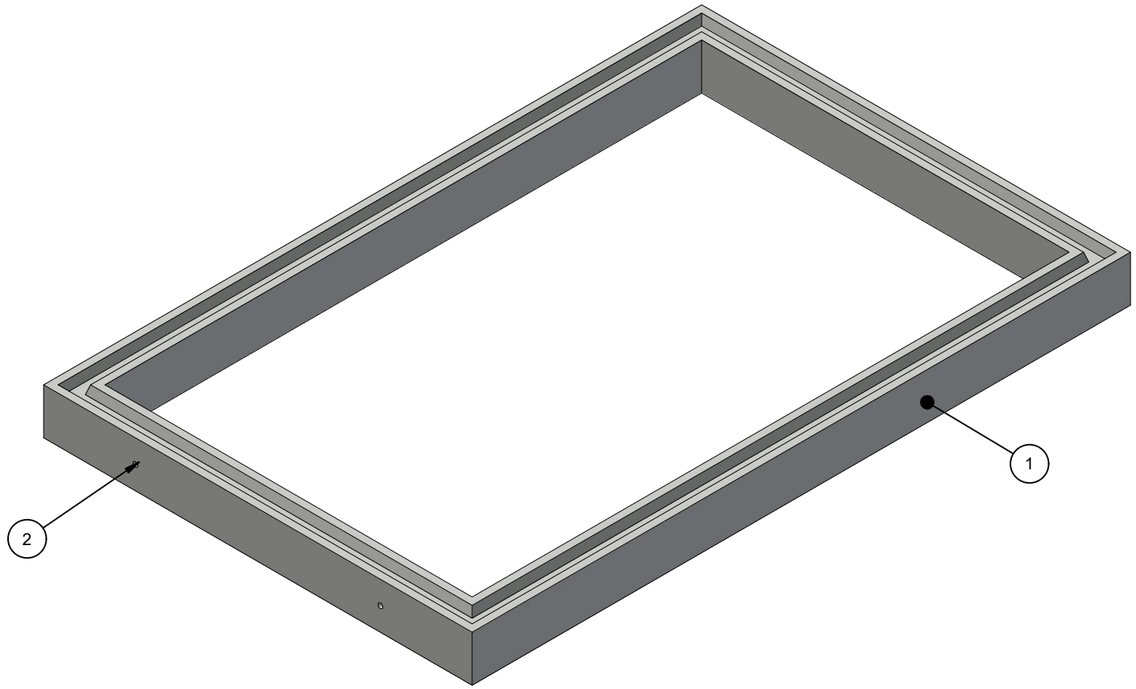
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.
- NV ENERGY STK#24-0050

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 -

BILL OF MATERIALS

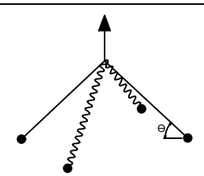
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	3.614 ft^3	3.614 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	4	100002766	INSERT FERRULE LOOP 5/8 X 3-1/2 PLATED FX-5
3	1	1	100018989	REINFORCING MAT 100018989



ISO VIEW

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3000 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' - 5.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	544.14 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	2405-56948	12/17/24	KS
2			
3			

DESCRIPTION: Riser 4878x6 NV Energy VB0071U

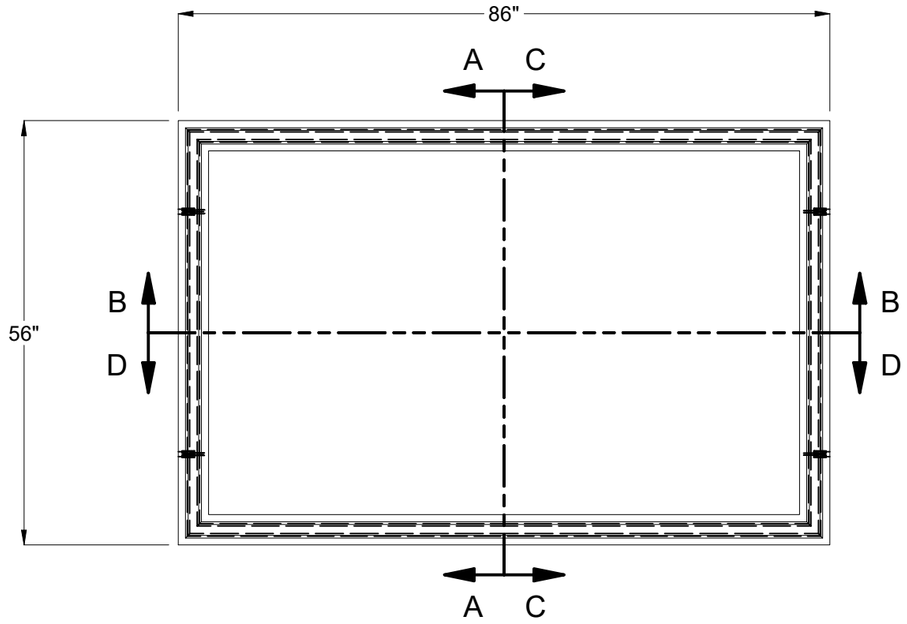
CASTING LAYOUT

REV: A-9

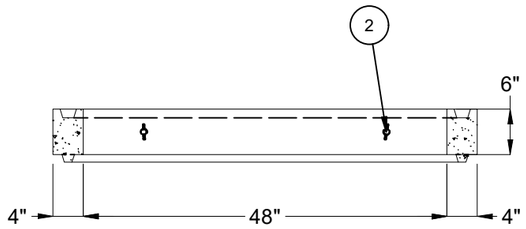
PART NUMBER:	100001321	DRAWN BY:	K. Steinhorst
CREATED:	12/17/2024	MODIFIED:	1/16/2025

SHEET: 1 OF 2

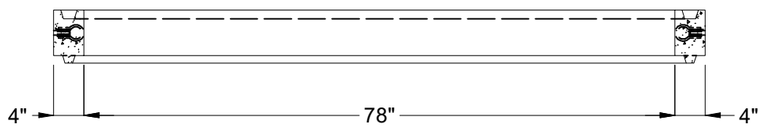
100001321.idw



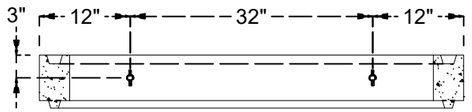
PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 5.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	544.14 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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

DESCRIPTION:	Riser 4878x6 NV Energy VB0071U CASTING DRAWING		REV: A-9
PART NUMBER:	100001321	DRAWN BY:	K. Steinhorst
CREATED:	12/17/2024	MODIFIED:	1/16/2025
			SHEET: 2 OF 2

100001321.idw