DESIGN NOTES:

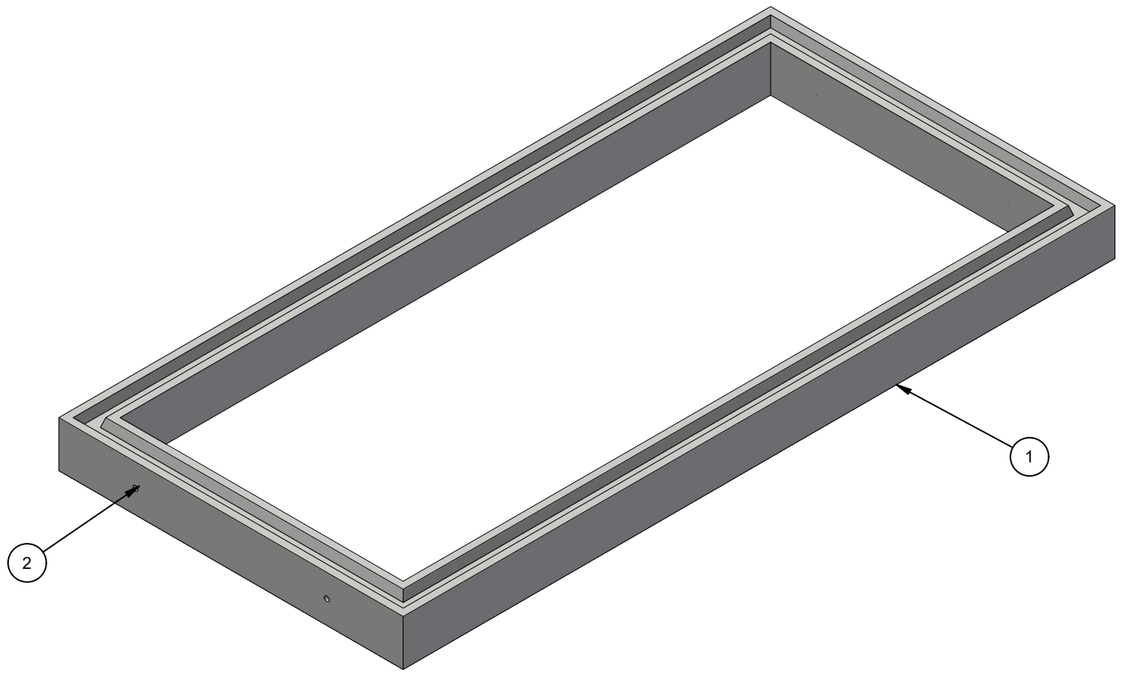
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.
- MIX DESIGN MUST BE IN ACCORDANCE WITH NV ENERGY RS-G2 & RS-G4

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

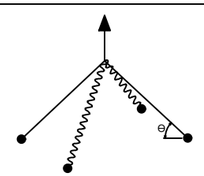
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	3.506 ft^3	3.506 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	4	100002766	Insert Ferrule Loop 0.625 x 3.5" Zinc (F42 or Equiv.)
3	1	1	100019425	REINFORCING MAT 100019425



ISO VIEW

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 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' - 3.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	527.92 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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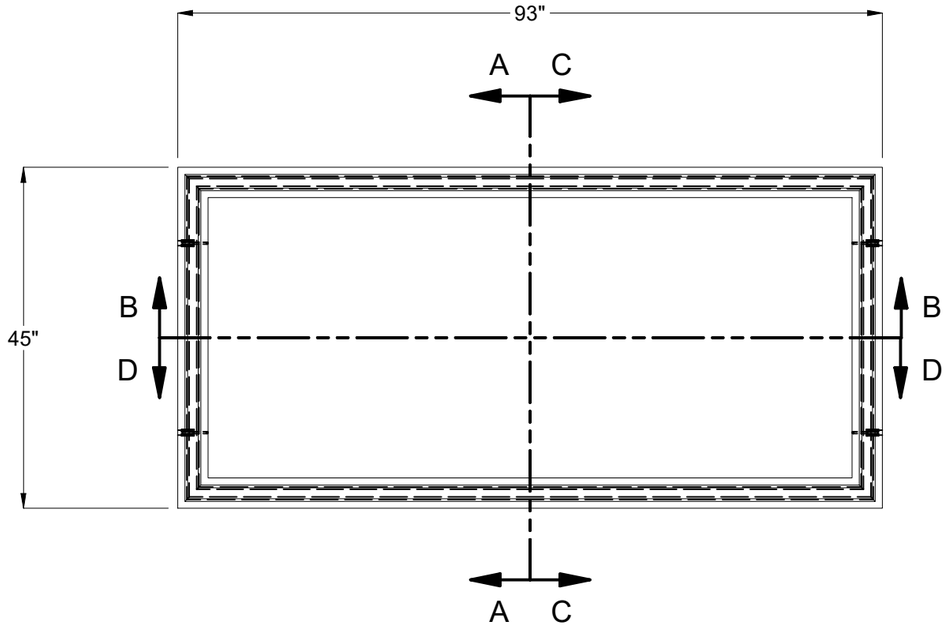
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CHANGE HISTORY

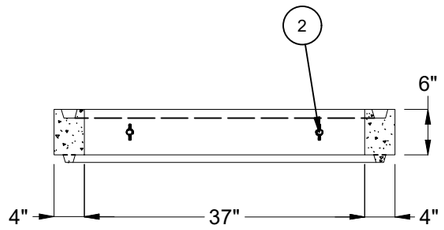
NO.	DESCRIPTION	DATE	BY
1	2405-56948	12/18/24	KS
2			
3			

DESCRIPTION:	Riser 3684x6 NV Energy RS-82 CASTING LAYOUT		REV: A-4
PART NUMBER:	100001253	DRAWN BY:	K. Steinhorst
CREATED:	12/18/2024	MODIFIED:	1/16/2025
			SHEET: 1 OF 2

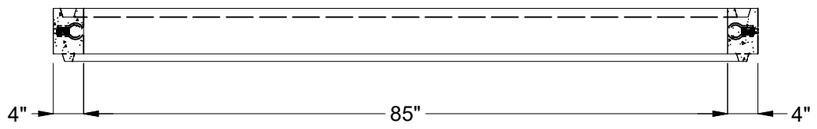
100001253.idw



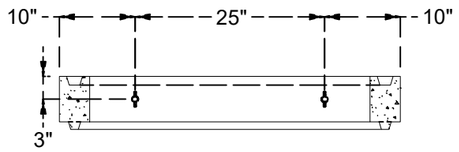
PLAN VIEW



SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 3.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	527.92 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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DESCRIPTION:	Riser 3684x6 NV Energy RS-82 CASTING DRAWING		REV: A-4
PART NUMBER:	100001253	DRAWN BY:	K. Steinhorst
CREATED:	12/18/2024	MODIFIED:	1/16/2025
			SHEET: 2 OF 2

100001253.idw