DESIGN NOTES:

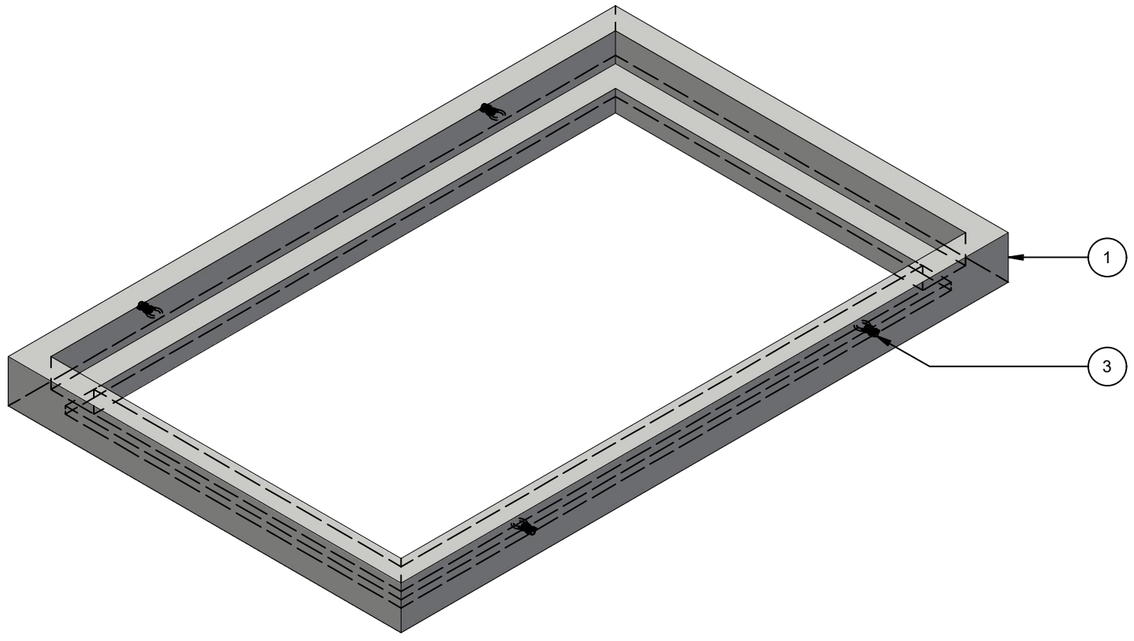
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - NONE
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - NONE

BILL OF MATERIALS

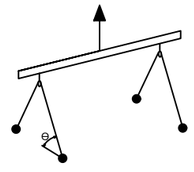
ITEM	QTY	PART NUMBER	DESCRIPTION
1	3.916 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	100018998	REINFORCING MAT 100018998
3	4	100002765	Insert Ferrule Loop 0.5 x 2.75" Zinc (F42 or Equiv.)



ISO VIEW

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3000 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' - 2.5' to Top		
WATER LEVEL:	8.0'	APPROX. WEIGHT:	589.1 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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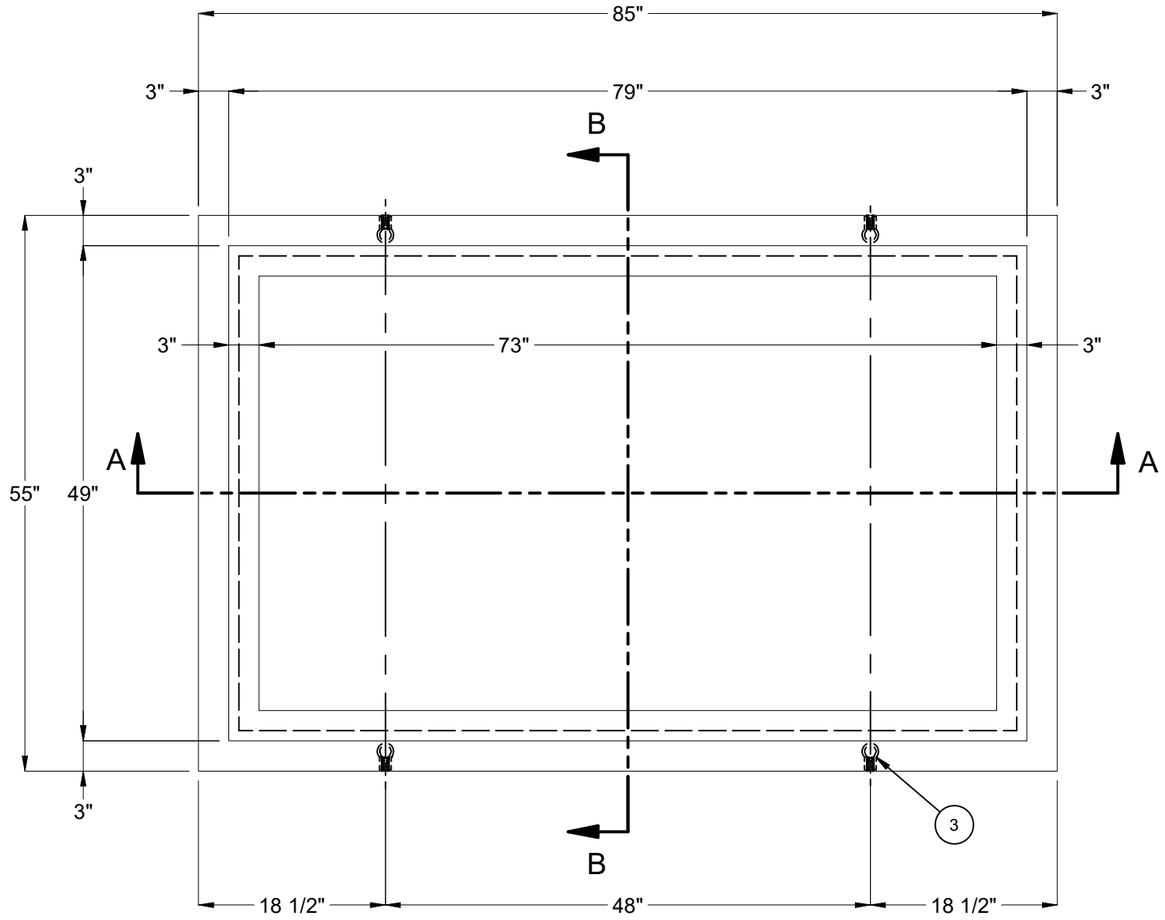
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CHANGE HISTORY

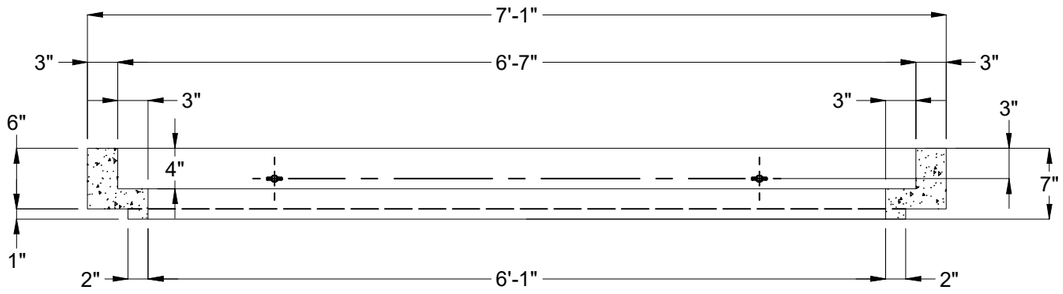
NO.	DESCRIPTION	DATE	BY
1	UPDATE TO INVENTOR	05/10/21	BTW
2	UPDATED LIFTING / SHEET NOTES	02/12/2024	EDC
3			

DESCRIPTION:	Riser 4878x6 NV Energy 573SP-R6 CASTING LAYOUT		REV: B
PART NUMBER:	100001322	DRAWN BY:	E CAMERON
CREATED:	4/26/2021	MODIFIED:	2/12/2024
			SHEET: 1 OF 2

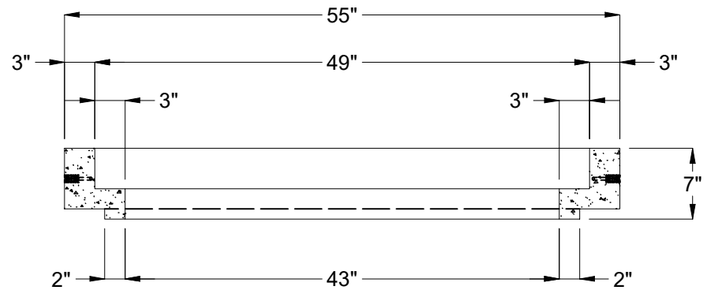
100001322.idw



PLAN VIEW



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 2.5' to Top		
WATER LEVEL:	8.0'	APPROX. WEIGHT:	589.1 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 4878x6 NV Energy 573SP-R6 CASTING DRAWING		REV: B
PART NUMBER:	100001322	DRAWN BY:	E CAMERON
CREATED:	4/26/2021	MODIFIED:	2/12/2024

SHEET: 2 OF 2

100001322.idw