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.

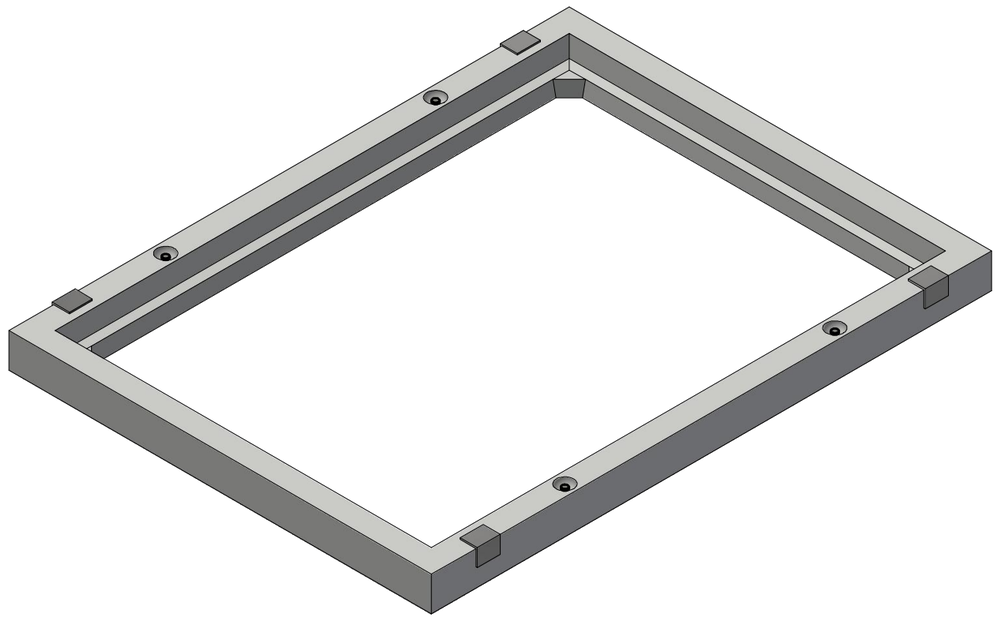
PRODUCTION NOTES:

- 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 - NONE

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	5.511 ft^3	5.511 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	4	100008585	ADJUSTING PLATE SMUD GALV
3	1	4	100002867	ANCHOR DOGBONE P52 2T X 3-3/8" GALV
4	1	1	100020476	REINFORCING MAT 100020476

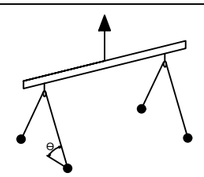
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ISO VIEW

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 4500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 45° 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' - 1.2' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	837.12 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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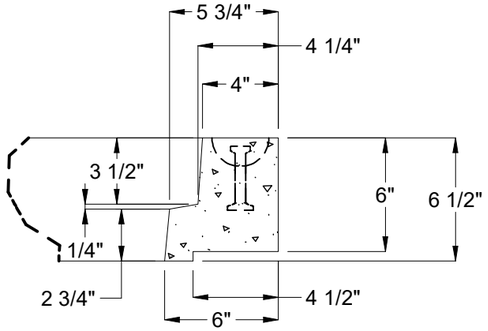
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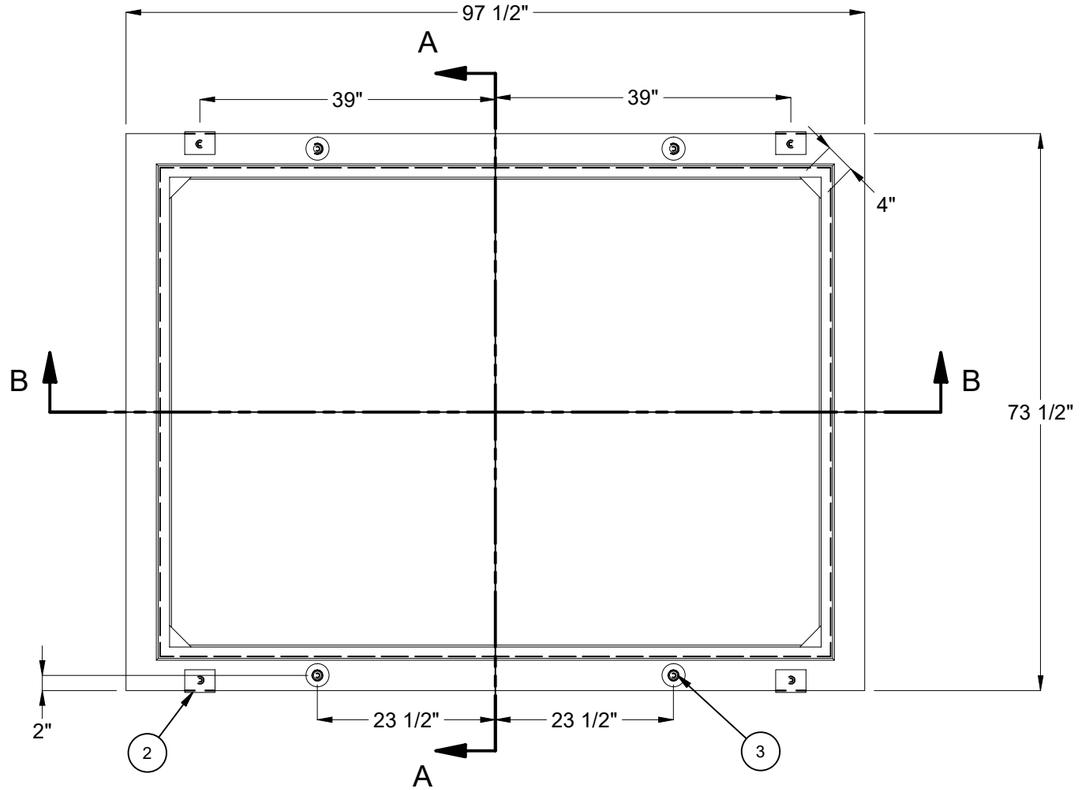
CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	12/12/2024	APS
2			
3			

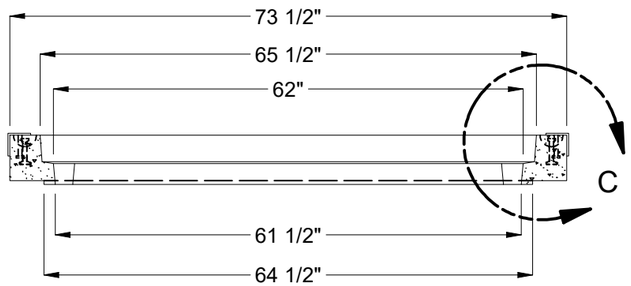
DESCRIPTION:	Riser 6690x6 SMUD CASTING LAYOUT	REV:	A-3
PART NUMBER:	100001416	DRAWN BY:	A. Sprung
CREATED:	12/12/2024	MODIFIED:	12/12/2024
		SHEET:	1 OF 2



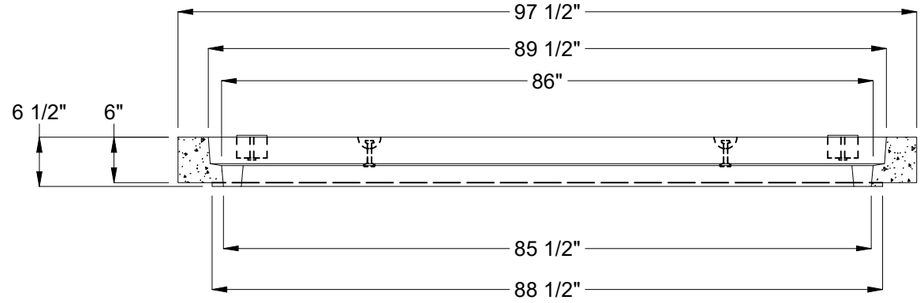
DETAIL C



PLAN VIEW



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 1.2' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	837.12 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Riser 6690x6 SMUD CASTING DRAWING		REV: A-3
PART NUMBER:	100001416	DRAWN BY:	A. Sprung
CREATED:	12/12/2024	MODIFIED:	12/12/2024
			SHEET: 2 OF 2

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