DESIGN NOTES:

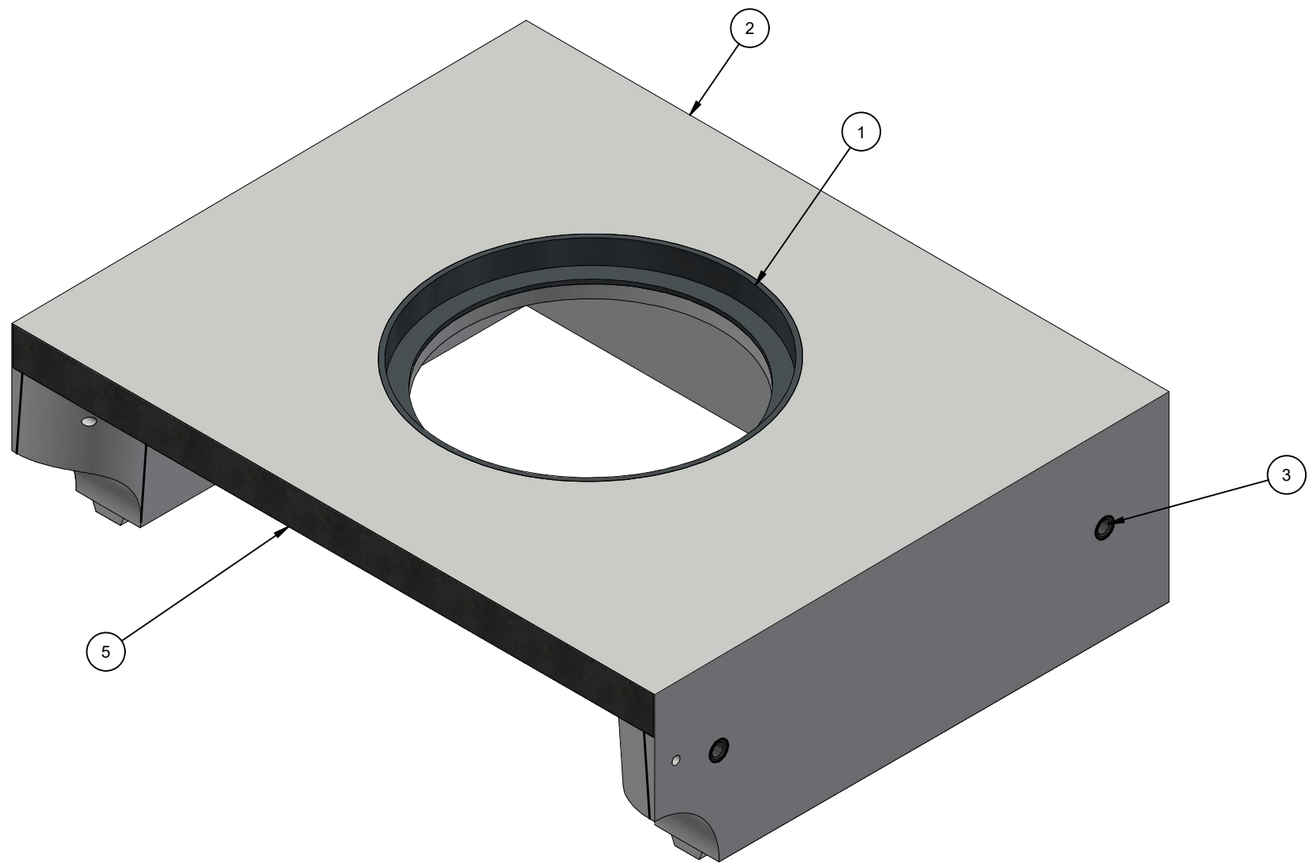
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

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

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	1	100005870	CI OUTER RING 24DIA B-5285-R1 ASTM A-48 CL35B
2	11.821 ft^3	11.821 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
3	1	4	100002854	INSERT MH RUNG PLASTIC SP SOCKET
4	1	1	100020584	REINFORCING MAT 100020584
5	1	1	100007403	CURB ANGLE 60
6	1	2	100002765	Insert Ferrule Loop 0.5 x 2.75" Zinc (F42 or Equiv.)

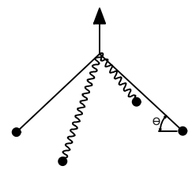


ISOMETRIC VIEW

100004518.idw

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



CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	10/2/2024	APS
2			
3			

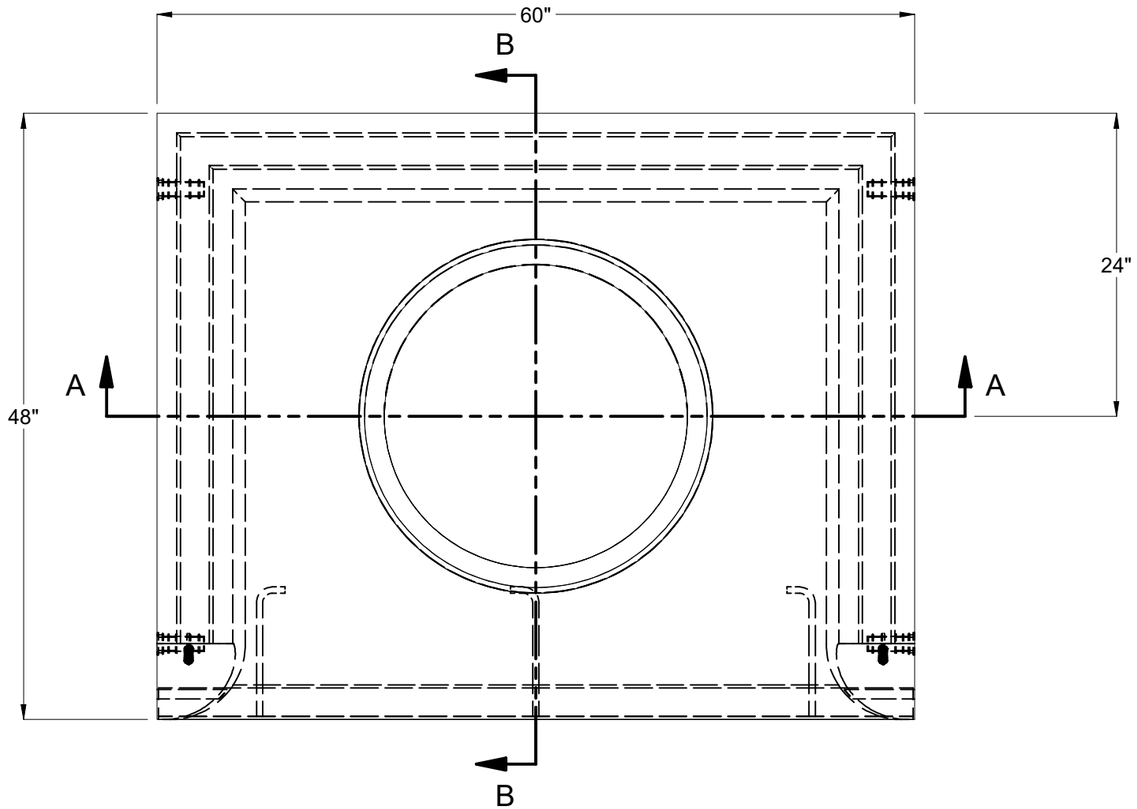
BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	1840.72 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-02 (200 psf)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	SP Socket

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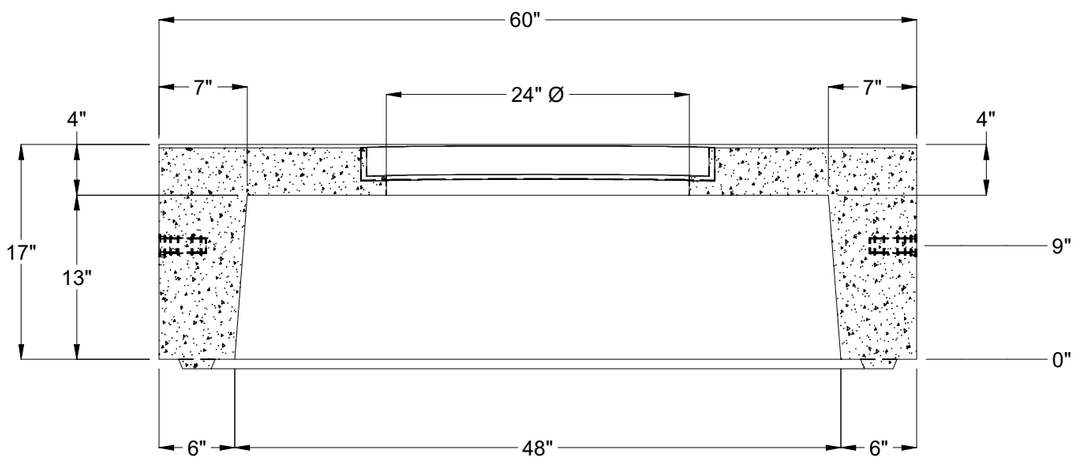
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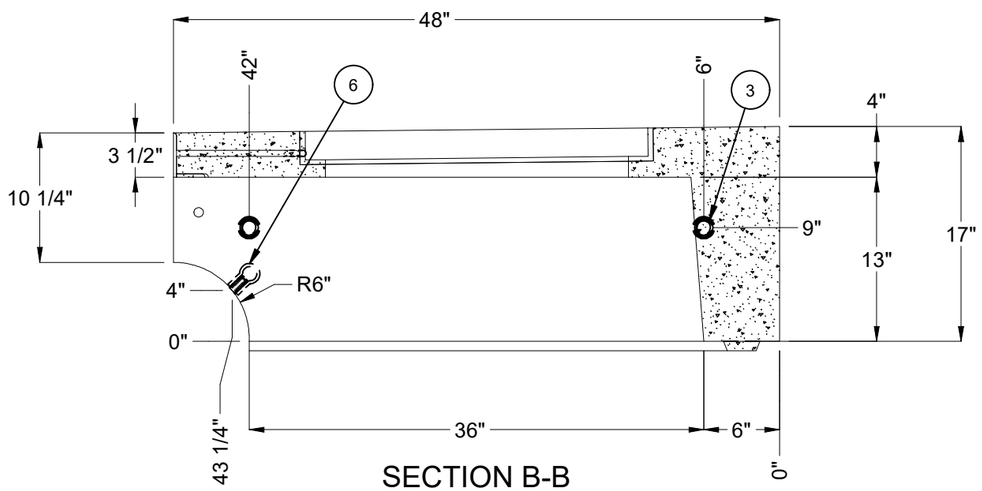
DESCRIPTION:	Curb Inlet 3648x17 Rect. Top Section 24"C Opening CASTING LAYOUT		REV: A-2
PART NUMBER:	100004518	DRAWN BY:	A. Sprung
CREATED:	8/23/2024	MODIFIED:	11/8/2024
			SHEET: 1 OF 2



PLAN VIEW



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	1840.72 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-02 (200 psf)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	SP Socket

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DESCRIPTION:	Curb Inlet 3648x17 Rect. Top Section 24"C Opening CASTING DRAWING		REV: A-2
PART NUMBER:	100004518	DRAWN BY:	A. Sprung
CREATED:	8/23/2024	MODIFIED:	11/8/2024
			SHEET: 2 OF 2

100004518.idw