DESIGN NOTES:

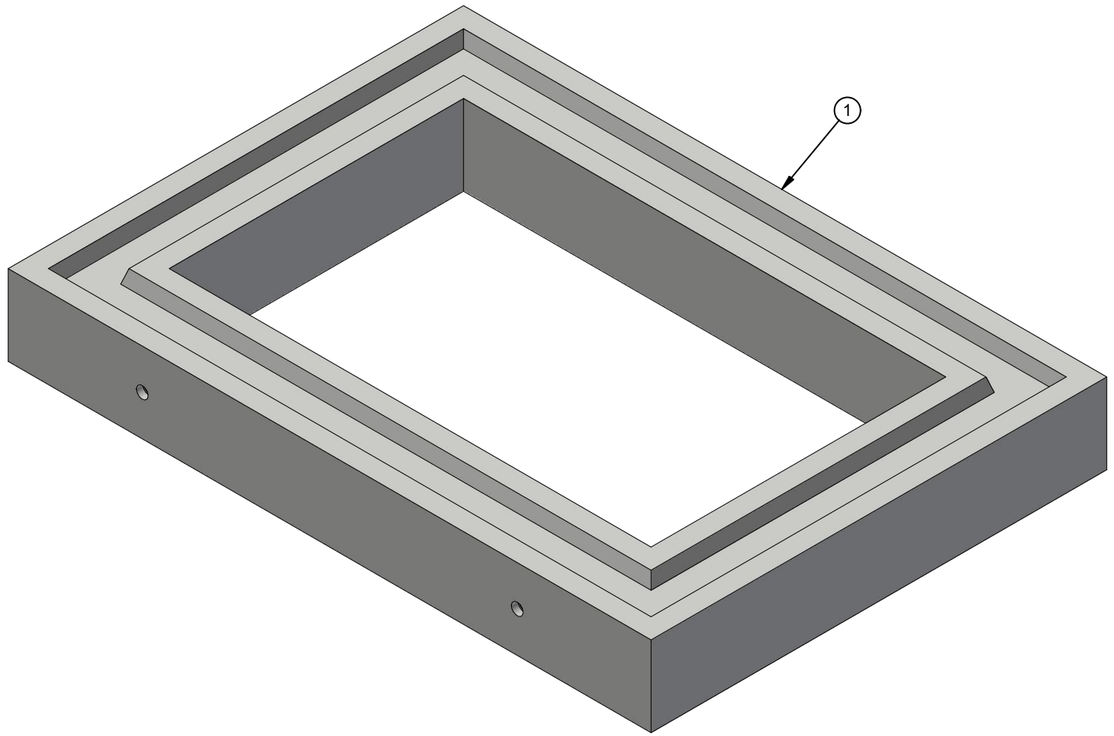
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

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	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	2.837 ft^3	2.839 ft^3	100011425	CONCRETE MIX 5000 PSI
2	1	1	100020362	REINFORCING MAT 100020362
3	1	4	100003348	INS THRD FRL THNSLB STRUT FX-16 5/8IN ZINC



ISO VIEW

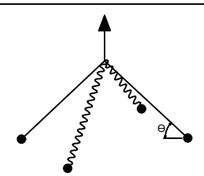
100001052.idw

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



BURY DEPTH:	0.0' - 12.0' to Top		
WATER LEVEL:	5.0'	WEIGHT:	427.37 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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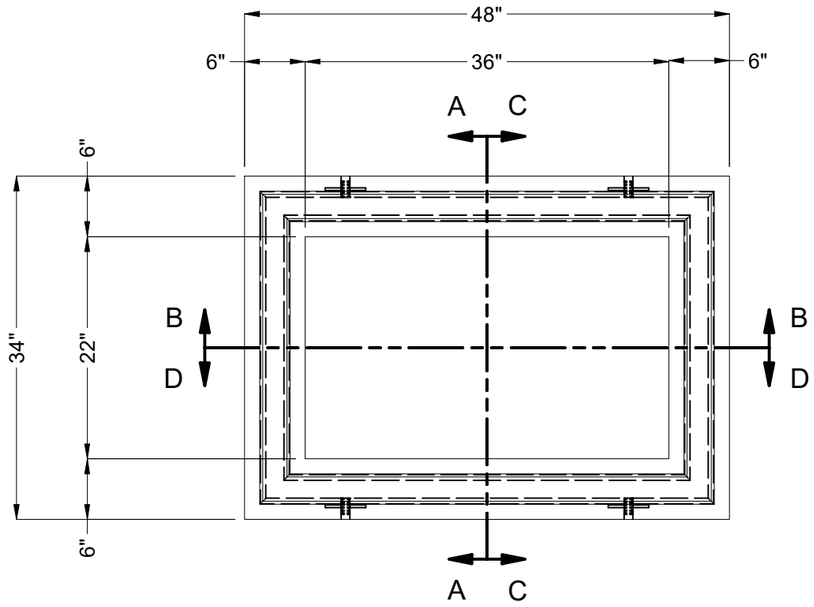
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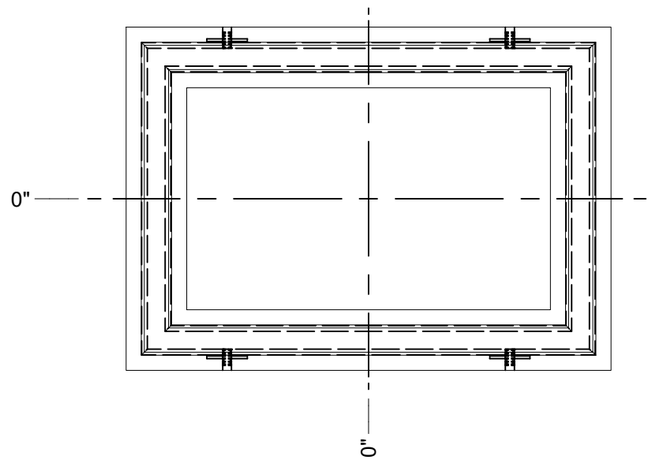
REVISION HISTORY

NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	6/6/2024	APS
2			
3			

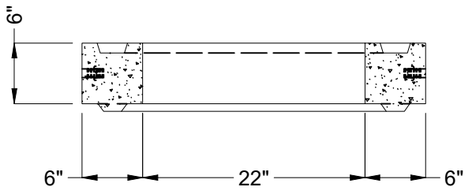
DESCRIPTION:	Riser 2236x6 CASTING LAYOUT	REV:	A-1
PART NUMBER:	100001052	DRAWN BY:	A.Sprung
CREATED:	6/5/2024	MODIFIED:	6/6/2024
		SHEET:	1 OF 2



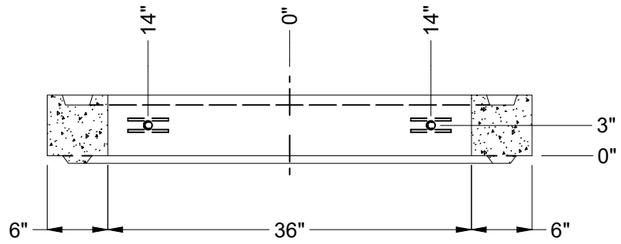
PLAN VIEW



PLAN VIEW
(SHOWING LIFTER LOCATION)



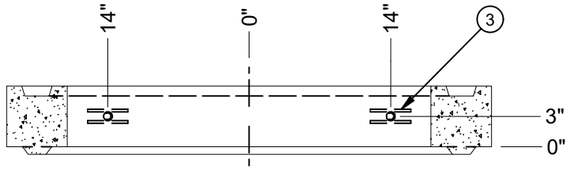
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 12.0' to Top		
WATER LEVEL:	5.0'	WEIGHT:	427.37 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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DESCRIPTION:	Riser 2236x6 CASTING DRAWING		REV: A-1
PART NUMBER:	100001052	DRAWN BY:	A.Sprung
CREATED:	6/5/2024	MODIFIED:	6/6/2024
			SHEET: 2 OF 2

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