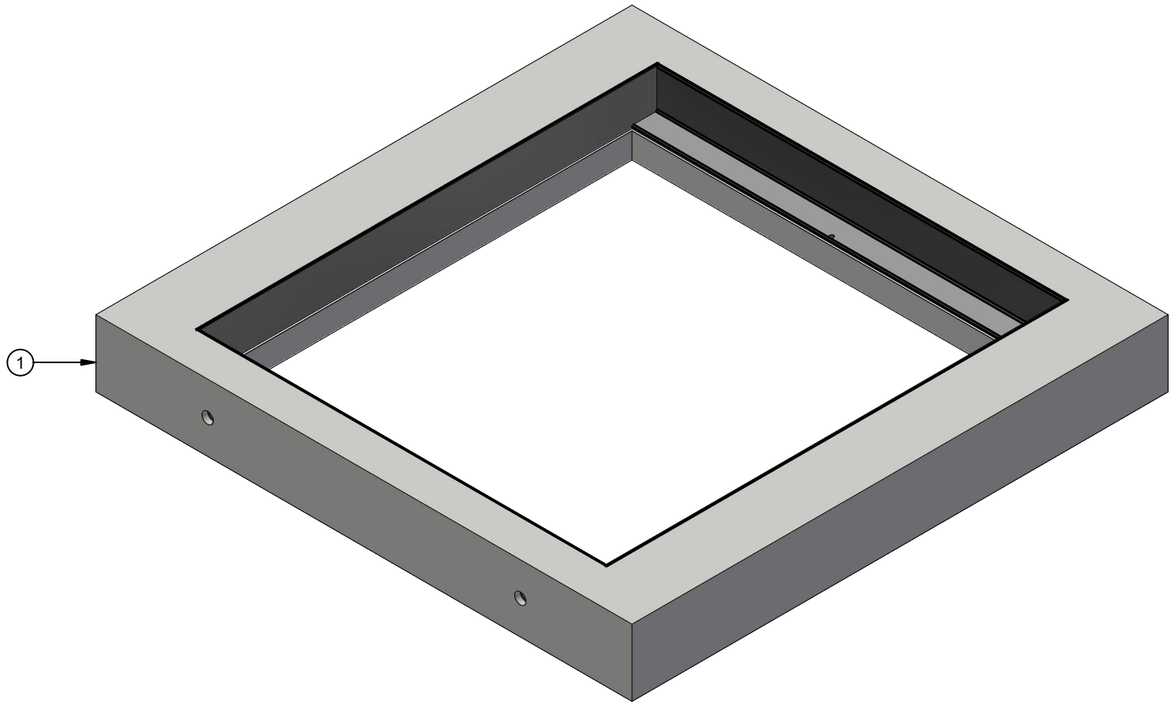
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	3.186 ft^3	3.422 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	4	100003349	INS THRD FRL THNSLB STRUT FX-16 3/4IN ZINC
3	1	1	100020418	REINFORCING MAT 100020418
4	1	1	100005557	GRATE FRAME 3636-H STEEL SBF E1464G TRF GALV

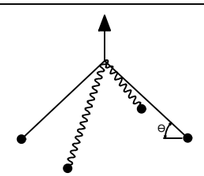
100001198.idw



ISO LAYOUT

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



REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	5/31/2024	APS

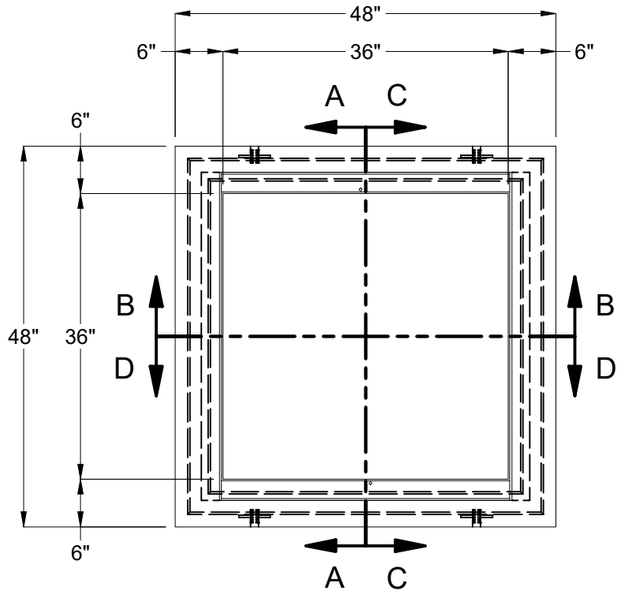
BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	WEIGHT:	545.83 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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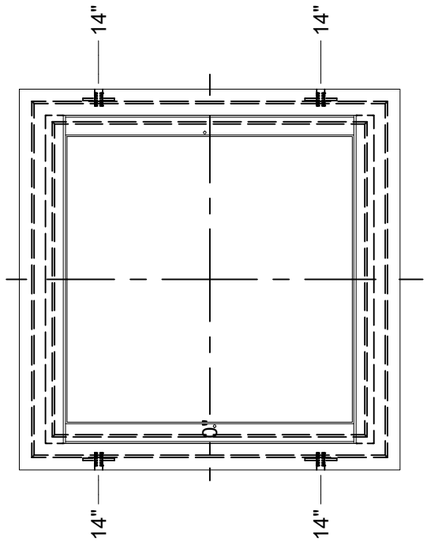
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DESCRIPTION:	Top Riser 3636x6 Cast-In Frame CASTING LAYOUT		REV: A-1
PART NUMBER:	100001198	DRAWN BY:	A.Sprung
CREATED:	5/31/2024	MODIFIED:	5/31/2024
			SHEET: 1 OF 2



PLAN VIEW

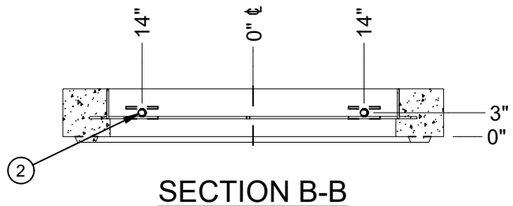


PLAN VIEW
(SHOWING OBJECT DIMENSIONS)

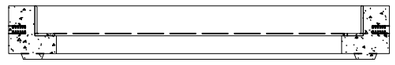
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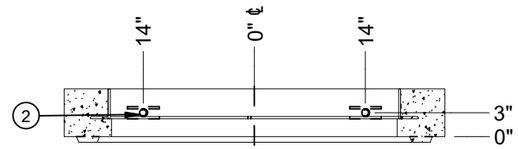
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	WEIGHT:	545.83 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:	Top Riser 3636x6 Cast-In Frame CASTING DRAWING		REV: A-1
PART NUMBER:	100001198	DRAWN BY:	A.Sprung
CREATED:	5/31/2024	MODIFIED:	5/31/2024

SHEET: 2 OF 2