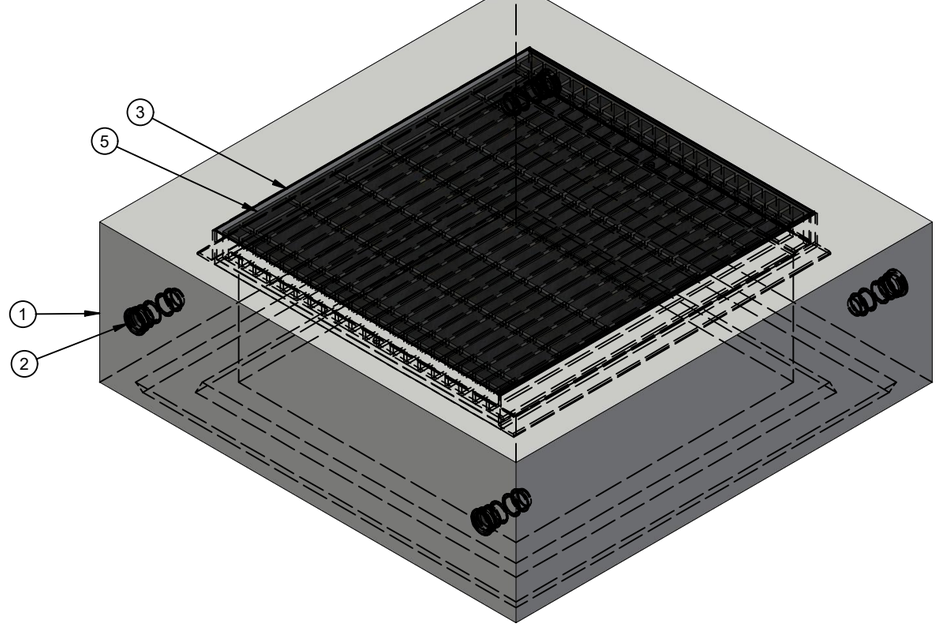
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	4.977 ft^3	4.977 ft^3	100011425	CONCRETE MIX 5000 PSI
2	1	4	100002854	INSERT MH RUNG PLASTIC SP SOCKET
3	1	1	100005554	FRM STL 2424-H TRF GALV
4	1	1	100020622	REINFORCING MAT 100020622
5	1	1	100006809	GRATE 2424H STEEL SBF E0045G TRF GALV W/CLIPS FOR B/D

100005541.idw

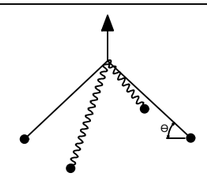


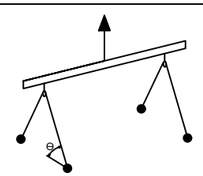
ISO LAYOUT

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5000 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.
■ DEMOLDING: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 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 DIAGRAMS*

INSTALLATION	B	DEMOLDING	C





REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
1	2310-56012	11/27/2023	APS

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	866.26 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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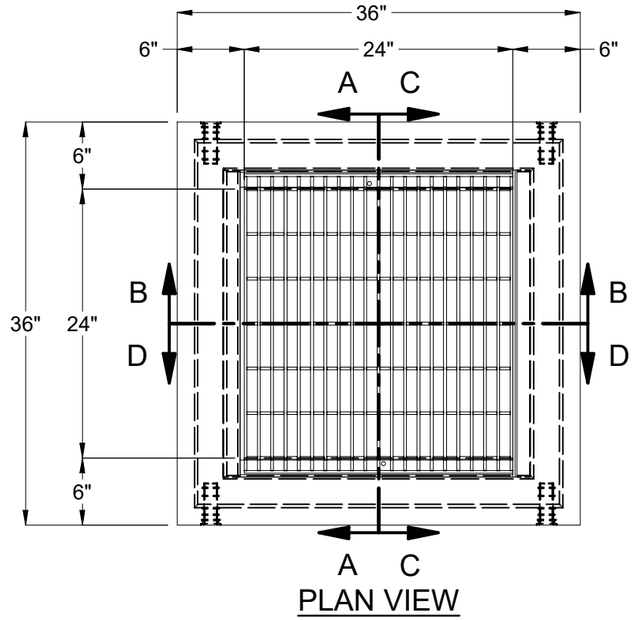
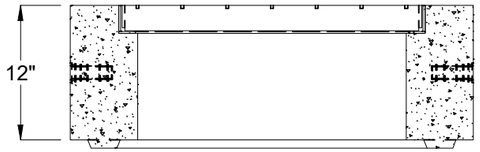
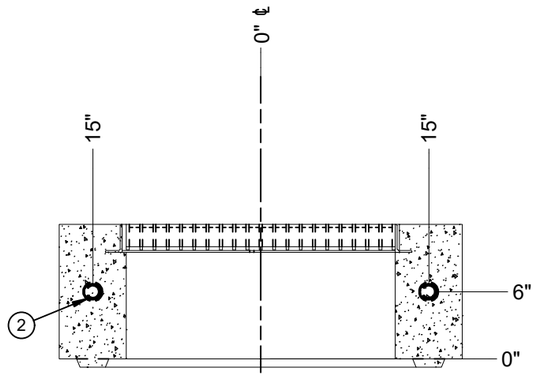
DESCRIPTION:	Top Riser 2424x12 Cast-In Frame and Cover CASTING LAYOUT	REV:	A-1-1
PART NUMBER:	100005541	DRAWN BY:	A.Sprung
CREATED:	11/27/2023	MODIFIED:	7/8/2024
		SHEET:	1 OF 2



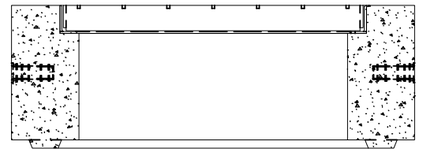
PLAN VIEW



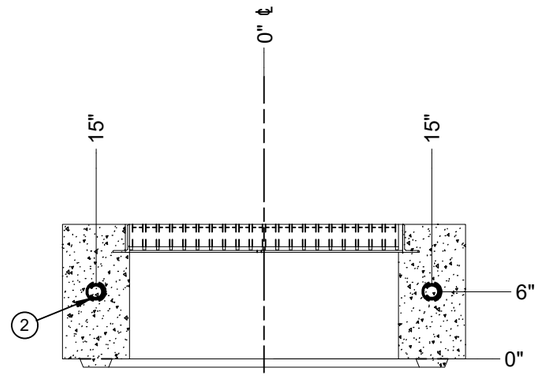
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	866.26 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Top Riser 2424x12 Cast-In Frame and Cover CASTING DRAWING		REV: A-1-1
PART NUMBER:	100005541	DRAWN BY:	A.Sprung
CREATED:	11/27/2023	MODIFIED:	7/8/2024

SHEET: 2 OF 2

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