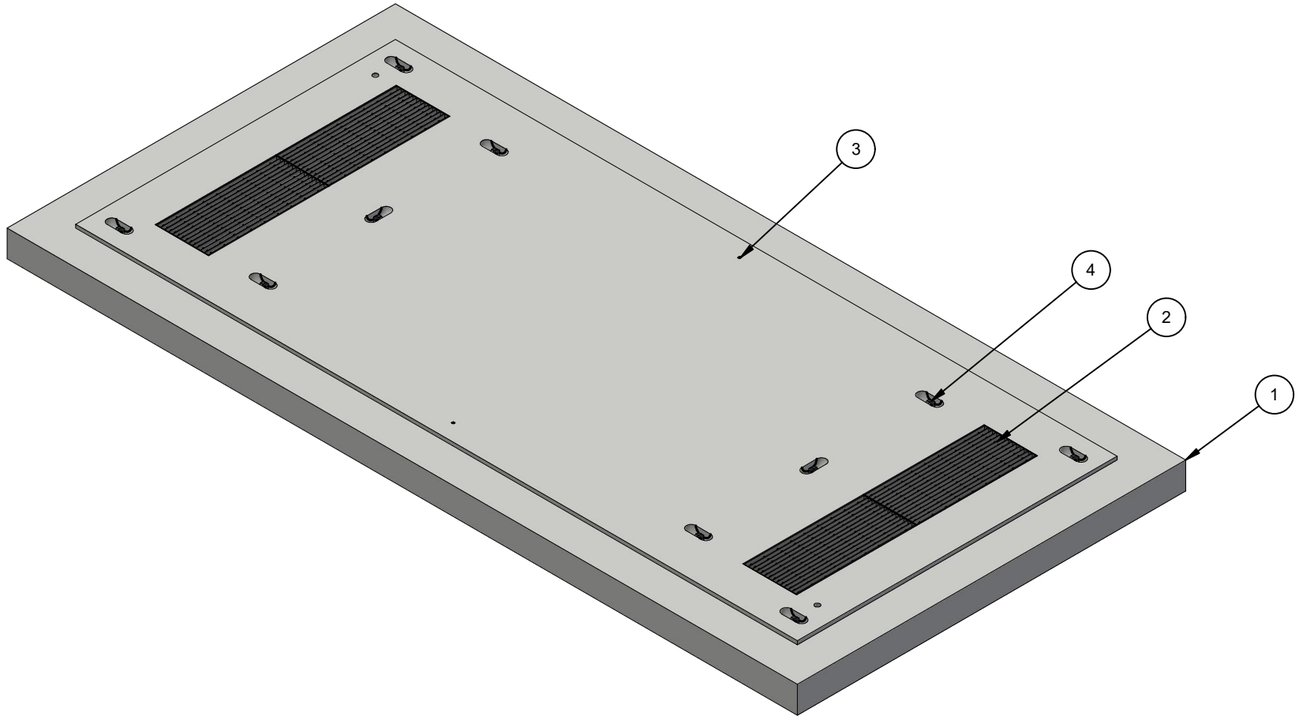
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	134.257 ft^3	134.257 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	1	4	100041711	GRATE 1636 STEEL GALV 19-W-4 GRATING PACIFIC
3	1	2	100044243	GROUND INSERT BOTTLE ROCKET 1/2-13 BRONZE w/ 90DEG 0.375x36" STEEL ROD
4	1	14	100034004	ANCHOR RAPID LIFT 8T PLATE ANCHOR MB RL-24
5	1	1	300153868	REINFORCING MAT 300153868
6	1	1	300153869	REINFORCING MAT 300153869

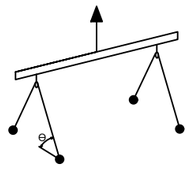
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ISO VIEW

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3500 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 DIAGRAM*	C



BURY DEPTH:	9.3' - 10.3' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	20551.34 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

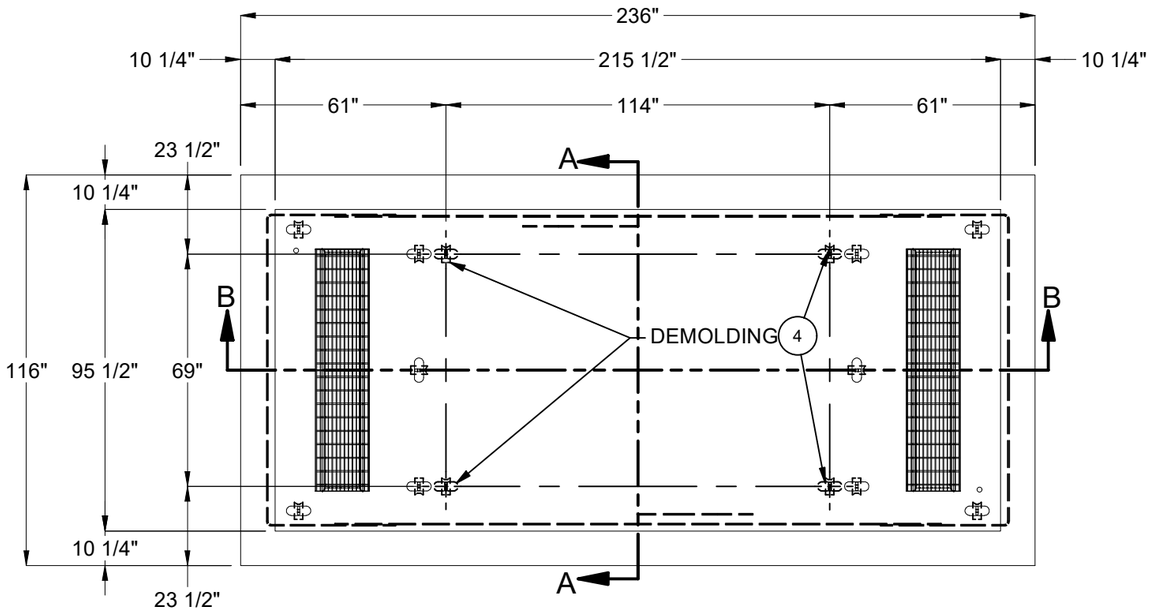
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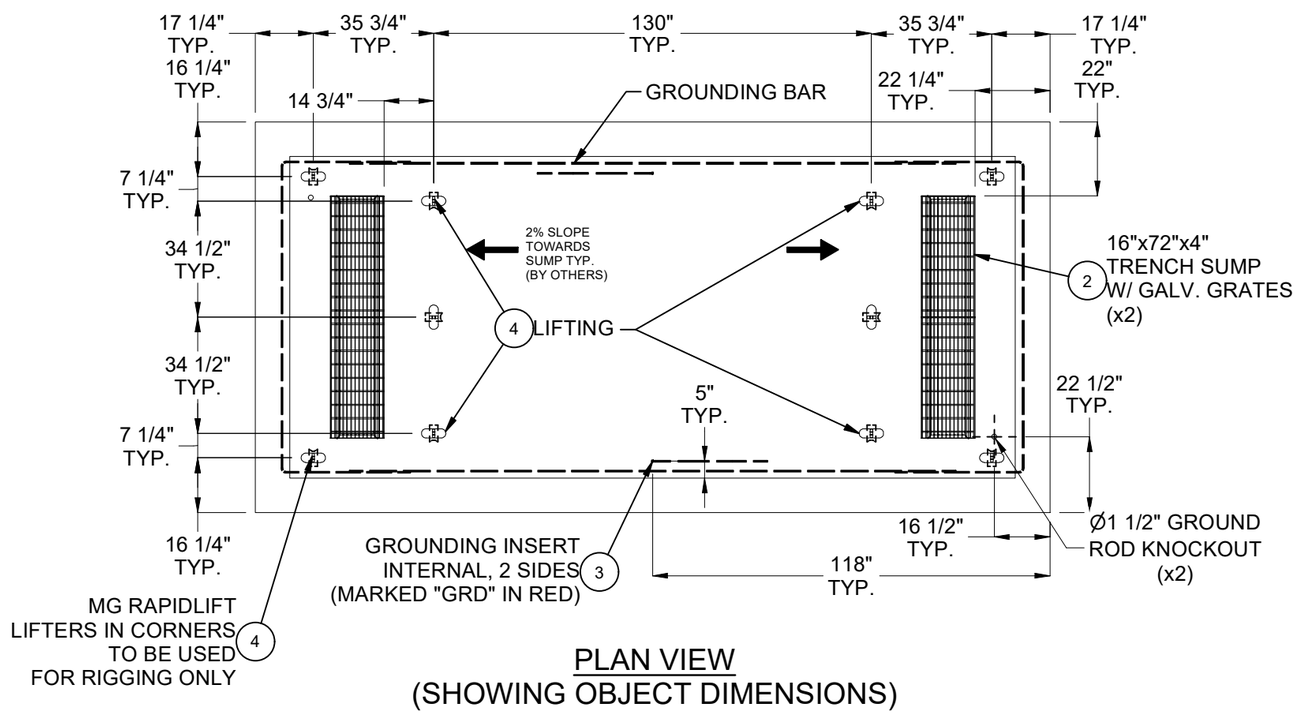
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CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
A	DRAWING CREATED	8/4/2023	E.Fine

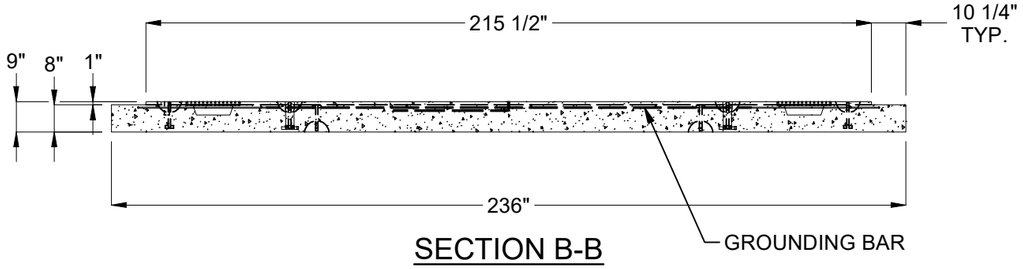
DESCRIPTION:	Vault 96216x9 Slab Bottom Sump CASTING LAYOUT		REV: A-2
PART NUMBER:	200079847	DRAWN BY:	E.Fine
CREATED:	9/11/2023	MODIFIED:	5/17/2024
			SHEET: 1 OF 2



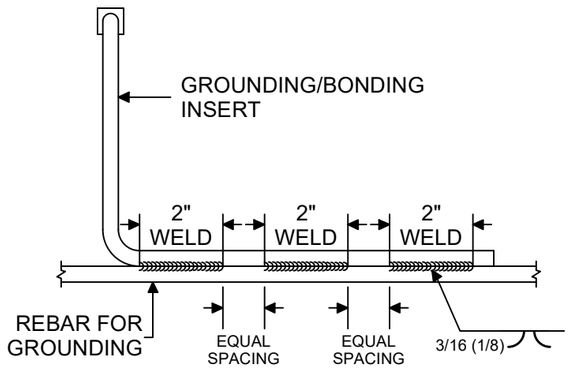
PLAN VIEW
(SHOWING DEMOLDING LIFTERS)



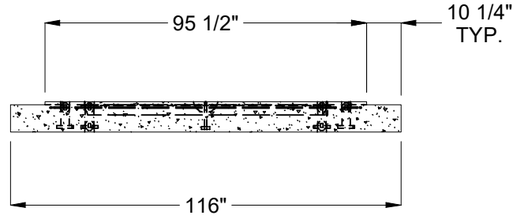
PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



SECTION B-B



CONNECTION DETAIL



SECTION A-A

BURY DEPTH:	9.3' - 10.3' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	20551.34 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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DESCRIPTION:	Vault 96216x9 Slab Bottom Sump CASTING DRAWING		REV: A-2
PART NUMBER:	200079847	DRAWN BY:	E.Fine
CREATED:	9/11/2023	MODIFIED:	5/17/2024

SHEET: 2 OF 2

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