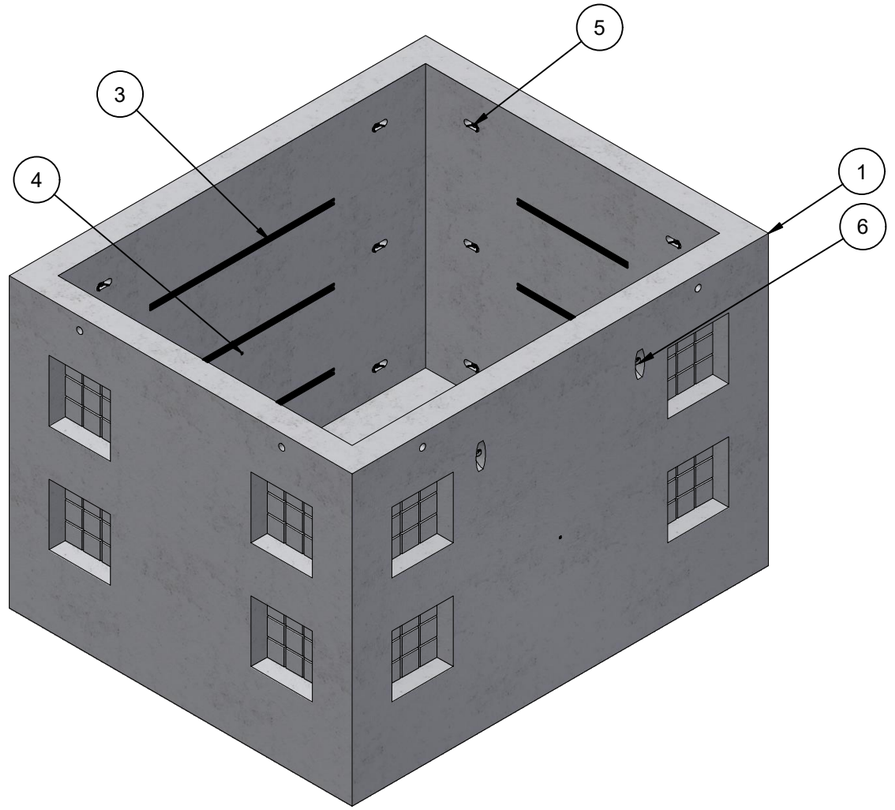
DESIGN NOTES

- FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	238.168 ft^3	238.168 ft^3	100011427	CONCRETE MIX GENERIC 6000 PSI
2	36.0000 in	216.0000 in	100022114	STRUT C-CHANNEL 13/16 X 1-5/8 16GA SOLID GALV SHALLOW W-400/P4000
3	60.0000 in	360.0000 in	100022114	STRUT C-CHANNEL 13/16 X 1-5/8 16GA SOLID GALV SHALLOW W-400/P4000
4	1	4	100044243	GROUND INSERT BOTTLE ROCKET 1/2-13 BRONZE w/ 90DEG 0.375x36" STEEL ROD
5	1	24	100044113	ANCHOR RAPID LIFT TECH 5T CLUTCH 4.4375IN LONG MB RL-25 GALV
6	1	8	100007133	ANCHOR UTILITY .671DIA 7.625-SLAB GALV P75 8UA671
7	1	2	100041711	GRATE 1636 STEEL GALV 19-W-4 GRATING PACIFIC
8	1	1	300153827	REINFORCING MAT 300153827
9	1	1	300153900	REINFORCING MAT 300153900

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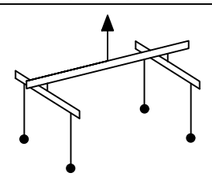
ISO LAYOUT

LIFTING NOTES

- THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3000 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 90° 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* | E



BURY DEPTH:	0.8' - 1.5' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	36063.19 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	A-Anchor

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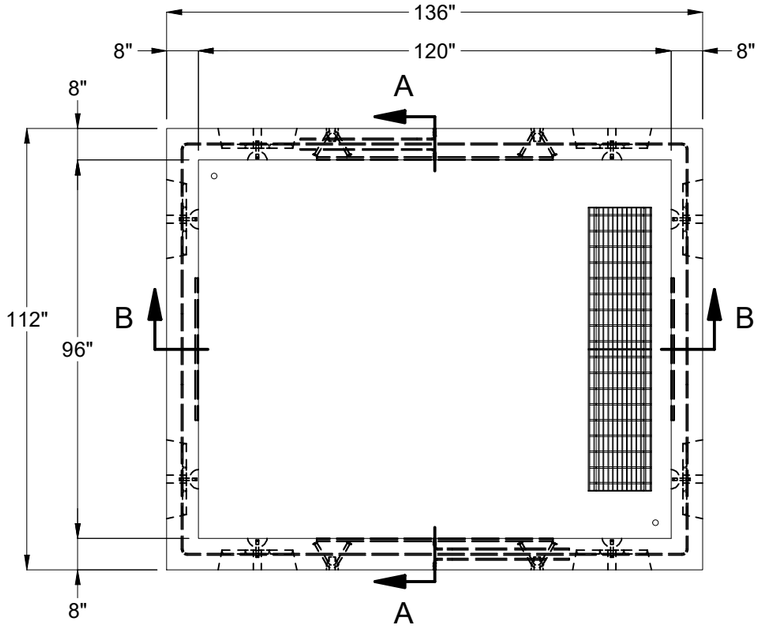
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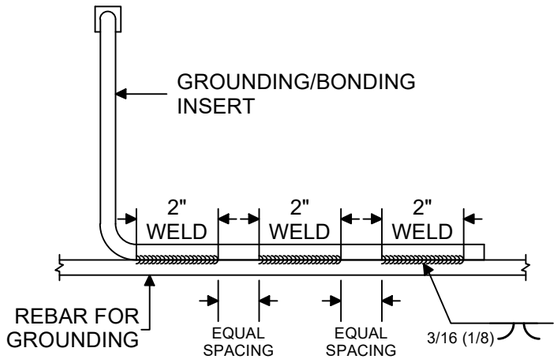
REVISION HISTORY

REV	DESCRIPTION	DATE	BY
A	DRAWING CREATED	8/10/2023	E.Fine

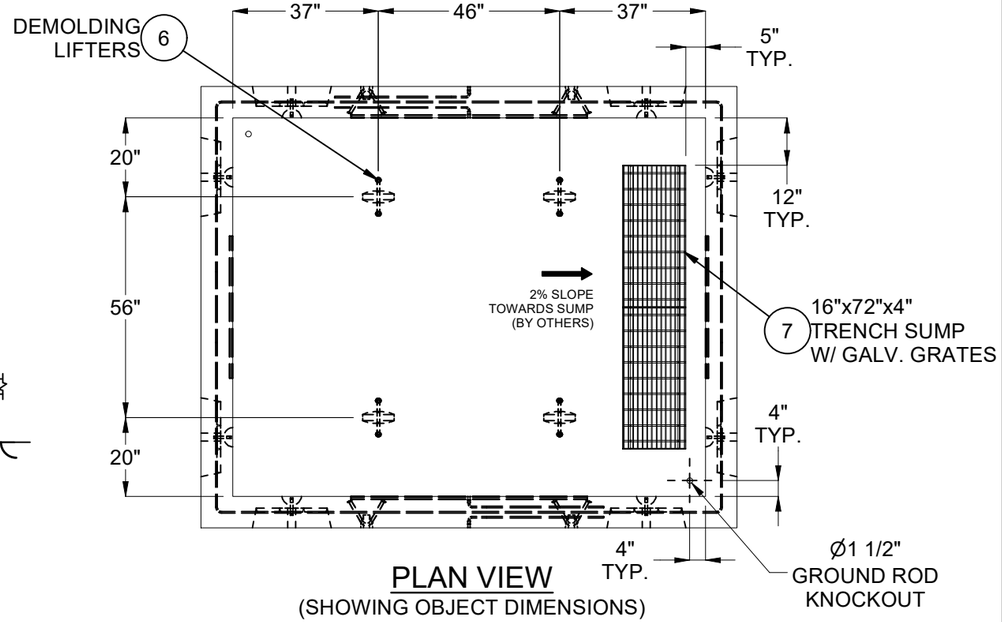
DESCRIPTION:	Vault 96120x84 Rect. Bottom Section Knockout Sump Tacoma Power 60564 CASTING LAYOUT		REV: A-12
PART NUMBER:	200078885	DRAWN BY:	E.Fine
CREATED:	8/10/2023	MODIFIED:	4/25/2024
			SHEET: 1 OF 2



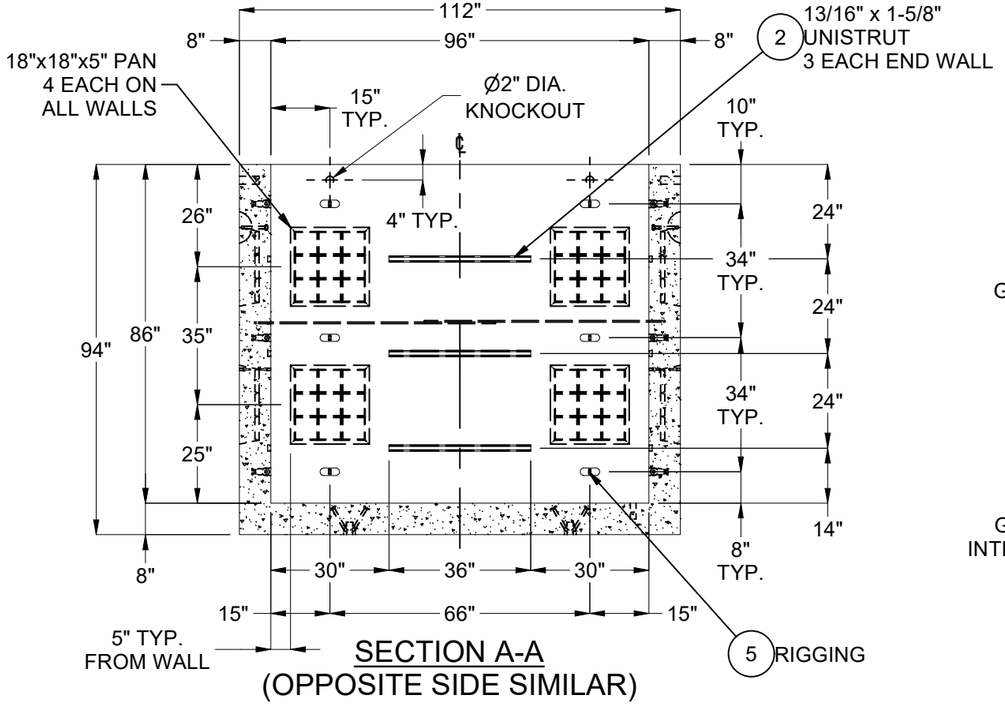
PLAN VIEW



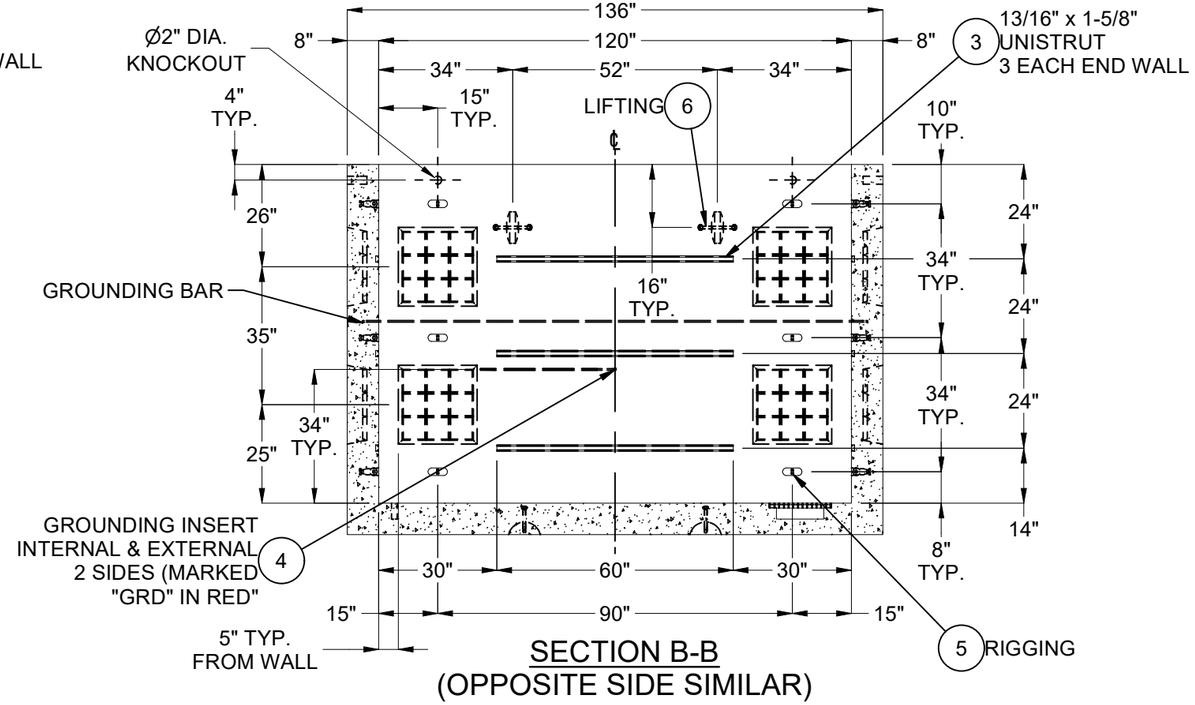
CONNECTION DETAIL



PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



SECTION A-A
(OPPOSITE SIDE SIMILAR)



SECTION B-B
(OPPOSITE SIDE SIMILAR)

BURY DEPTH:	0.8' - 1.5' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	36063.19 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
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DESCRIPTION: Vault 96120x84 Rect. Bottom Section Knockout Sump Tacoma Power 60564

CASTING DRAWING

REV: A-12

PART NUMBER:	200078885	DRAWN BY:	E.Fine
CREATED:	8/10/2023	MODIFIED:	4/25/2024

SHEET: 2 OF 2

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