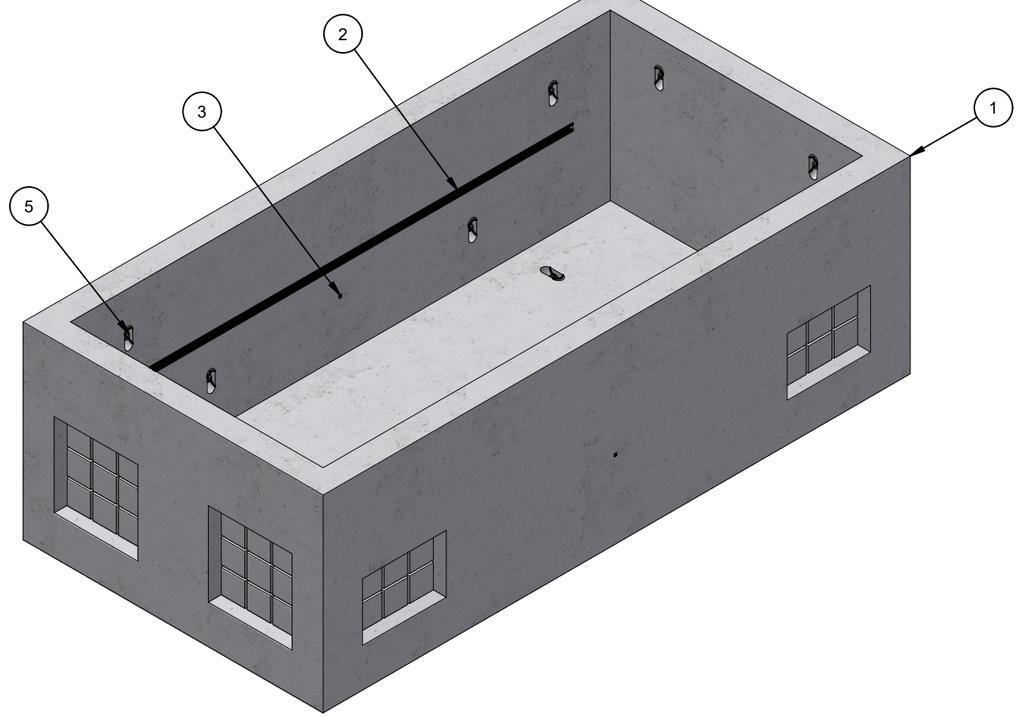
NOTES

- FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	79.332 ft^3	79.332 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	108.0000 in	216.0000 in	100022114	STRUT C-CHANNEL 13/16 X 1-5/8 16GA SOLID GALV SHALLOW W-400/P4000
3	1	4	100044243	GROUND INSERT BOTTLE ROCKET 1/2-13 BRONZE w/ 90DEG 0.375x36" STEEL ROD
4	1	4	100040445	ANCHOR RAPID LIFT TECH 5T CLUTCH 4.4375IN LONG MB RL-25
5	1	16	100044113	ANCHOR RAPID LIFT TECH 5T CLUTCH 4.4375IN LONG MB RL-25 GALV
6	1	1	300153912	REINFORCING MAT 300153912
7	1	1	300153913	REINFORCING MAT 300153913

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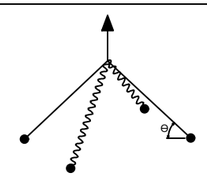


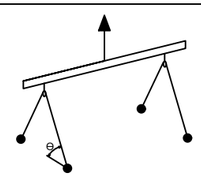
ISO LAYOUT

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 6000 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 70° 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





BURY DEPTH:	1.5' - 1.5' to Top		
WATER LEVEL:	3.0'	WEIGHT:	12057.32 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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REVISION HISTORY

REV	DESCRIPTION	DATE	BY
A	DRAWING CREATED	5/20/2022	E.Fine

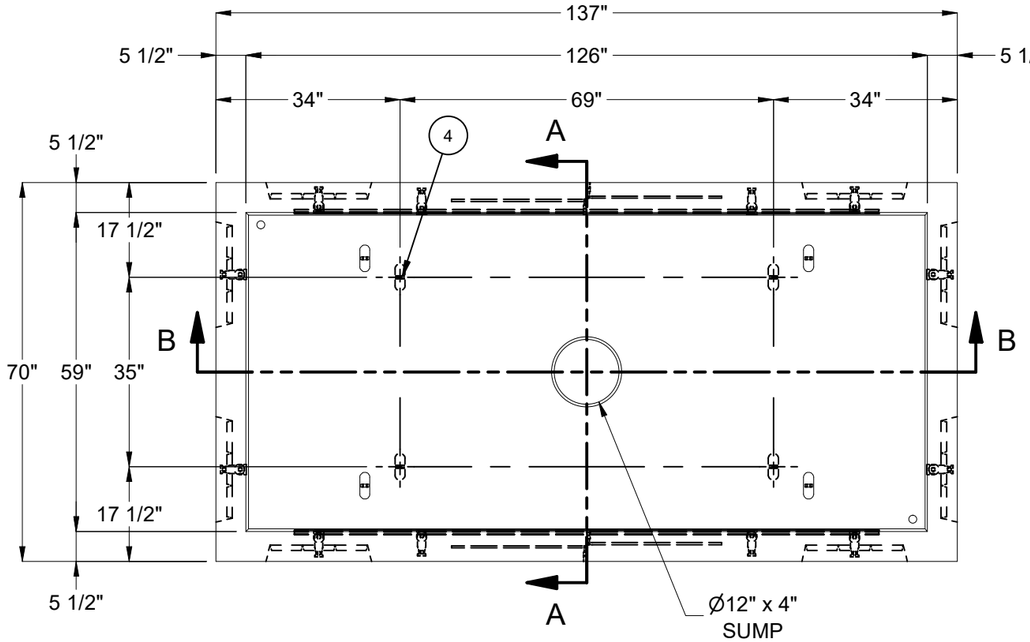
DESCRIPTION: Vault 60126x38 Rect. Bottom Section Knockout Sump Tacoma Power 5106

CASTING LAYOUT

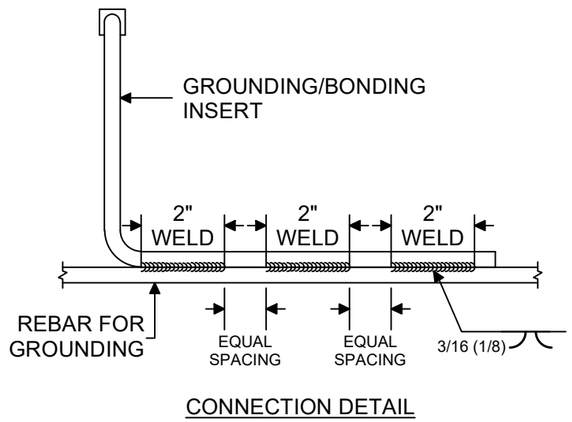
REV: A-14

SHEET: 1 OF 2

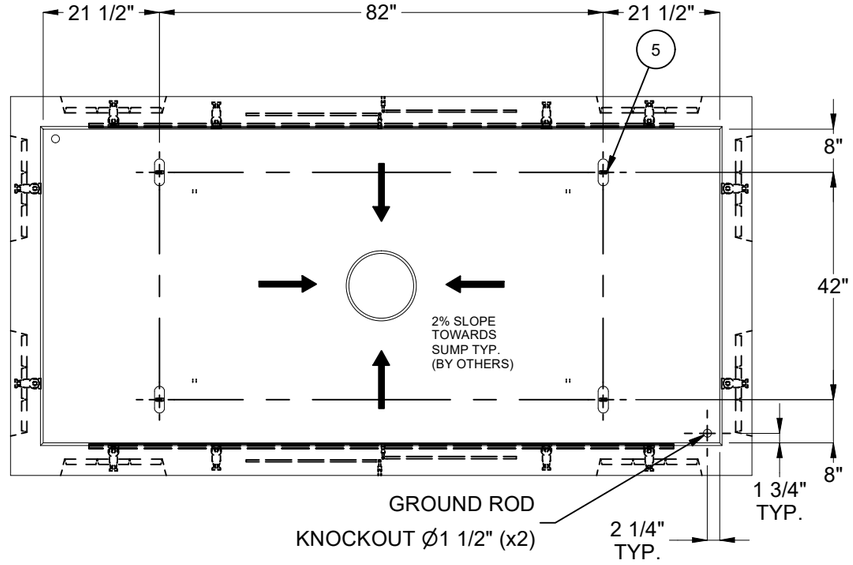
PART NUMBER:	200063344	DRAWN BY:	E.Fine
CREATED:	4/26/2022	MODIFIED:	4/12/2024



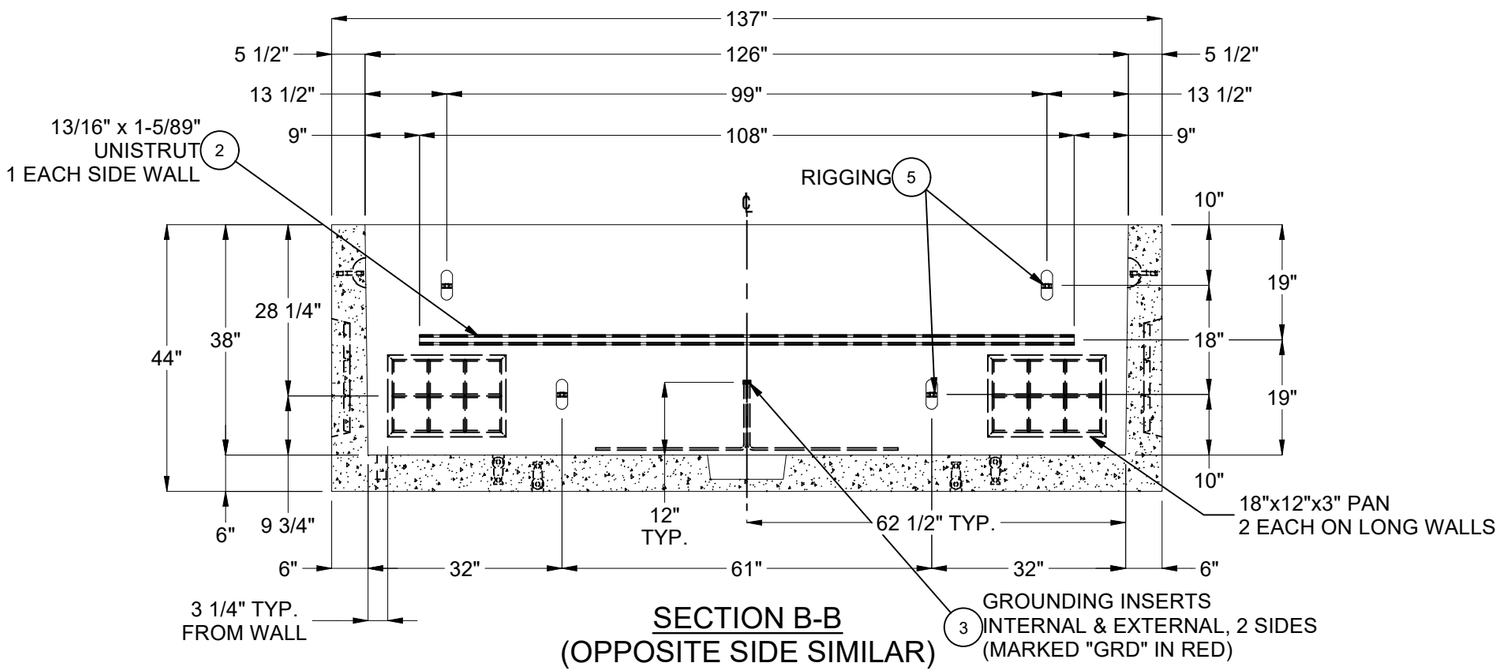
PLAN VIEW
(SHOWING DEMOLDING LIFTERS)



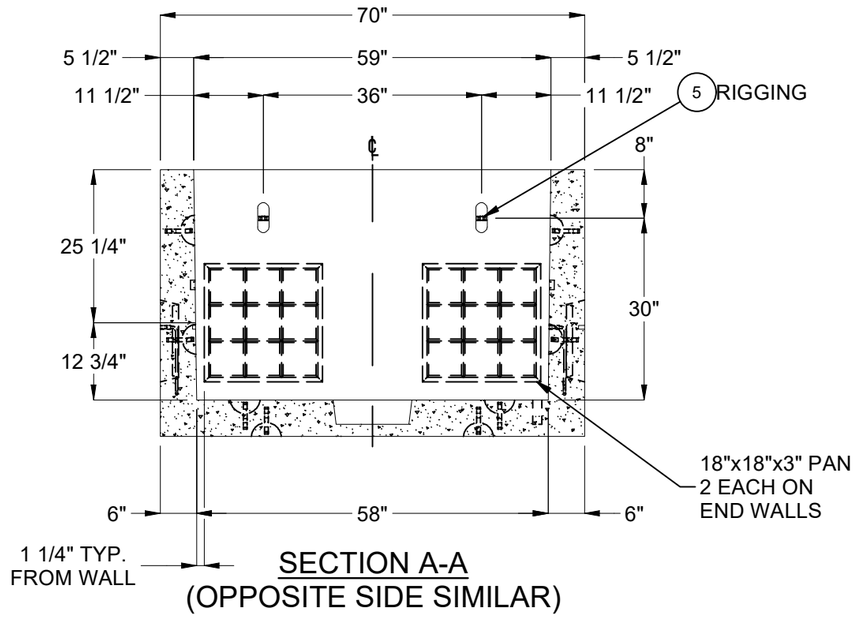
CONNECTION DETAIL



PLAN VIEW
(SHOWING HANDLING LIFTERS)



SECTION B-B
(OPPOSITE SIDE SIMILAR)



SECTION A-A
(OPPOSITE SIDE SIMILAR)

BURY DEPTH:	1.5' - 1.5' to Top		
WATER LEVEL:	3.0'	WEIGHT:	12057.32 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 60126x38 Rect. Bottom Section Knockout Sump Tacoma Power 5106 CASTING DRAWING		REV: A-14
PART NUMBER:	200063344	DRAWN BY:	E.Fine
CREATED:	4/26/2022	MODIFIED:	4/12/2024
			SHEET: 2 OF 2

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