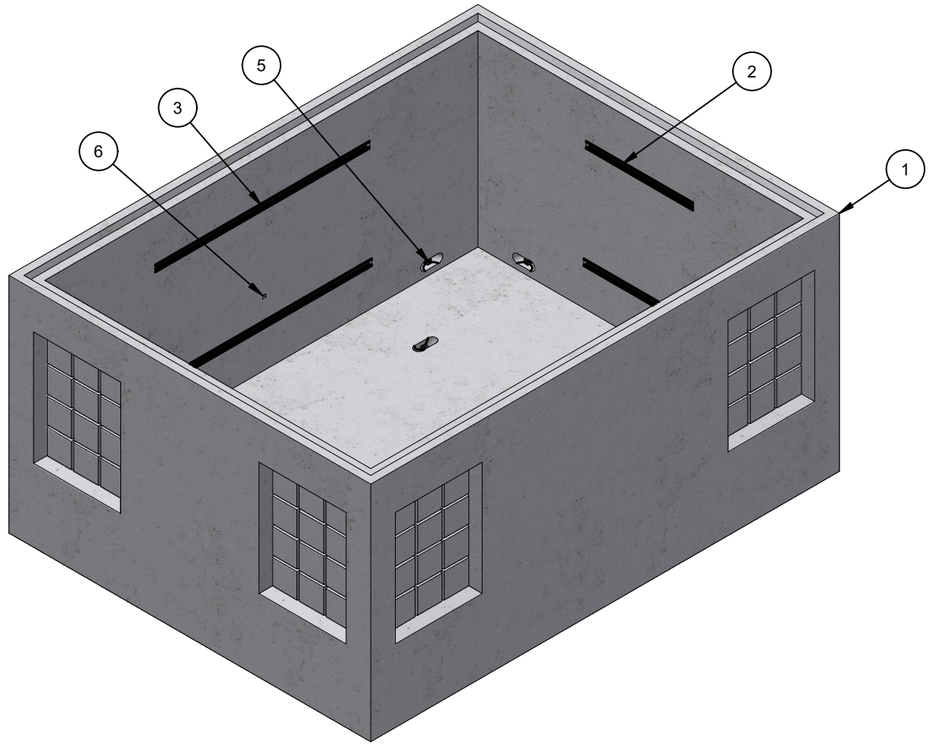
NOTES

- FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	71.620 ft^3	71.620 ft^3	100011427	CONCRETE MIX GENERIC 6000 PSI
2	24.0000 in	96.0000 in	100003048	STRUT C-CHANNEL 13/16 X 1-5/8 14GA SOLID GALV SHALLOW
3	48.0000 in	192.0000 in	100003048	STRUT C-CHANNEL 13/16 X 1-5/8 14GA SOLID GALV SHALLOW
4	1	4	100040446	ANCHOR RAPID LIFT TECH 5T CLUTCH 3.4375IN LONG MB RL-25
5	1	12	100044110	ANCHOR RAPID LIFT TECH 5T CLUTCH 3.4375IN LONG MB RL-25 GALV
6	1	2	100044243	GROUND INSERT BOTTLE ROCKET 1/2-13 BRONZE w/ 90DEG 0.375x36" STEEL ROD
7	1	1	100041711	GRATE 1636 STEEL GALV 19-W-4 GRATING PACIFIC
8	1	1	300153818	REINFORCING MAT 300153818

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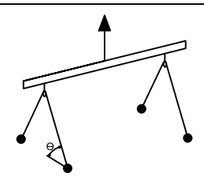
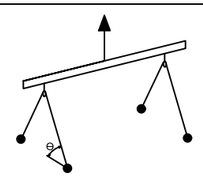
ISO VIEW

LIFTING NOTES

- INSTALLATION: 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.
- 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	C	DEMOLDING	C
			

BURY DEPTH:	0.5' - 6.1' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	10916.7 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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CHANGE HISTORY

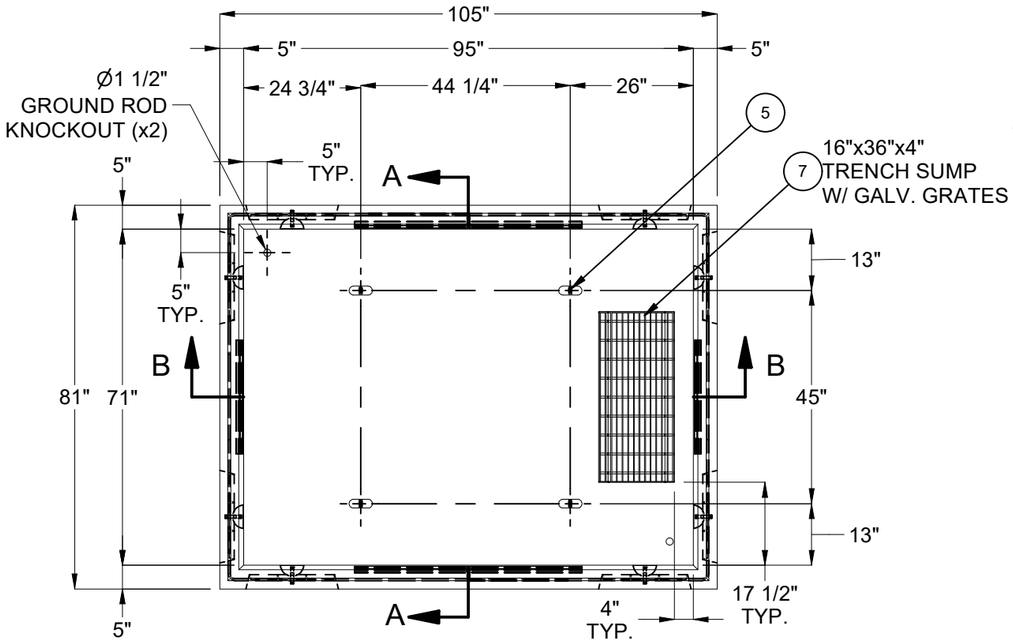
NO.	DESCRIPTION	DATE	BY
A	DRAWING CREATED	2/23/2023	E.Fine

DESCRIPTION:
Vault 7296x42 Rect. Bottom Section Knockout Sump Tacoma Power 39978
CASTING LAYOUT

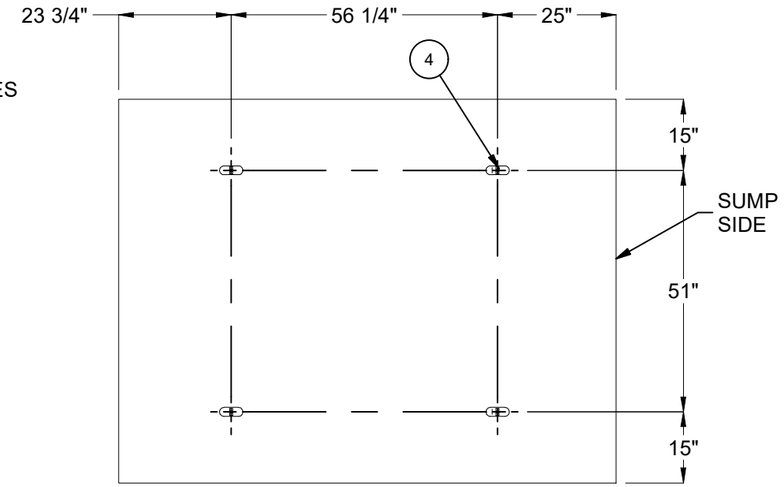
REV: A-5

PART NUMBER:	200078897	DRAWN BY:	E.Fine
CREATED:	8/10/2023	MODIFIED:	4/5/2024

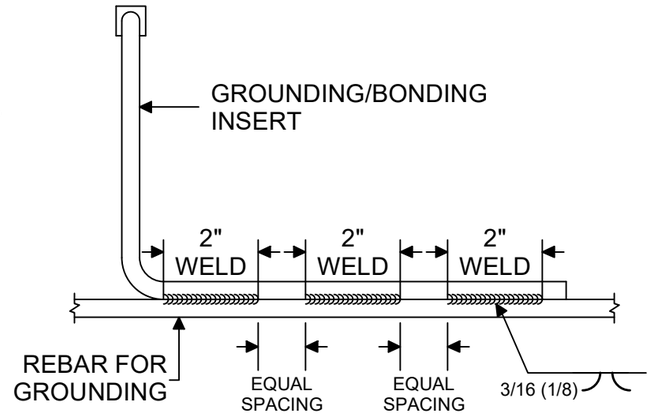
SHEET: 1 OF 2



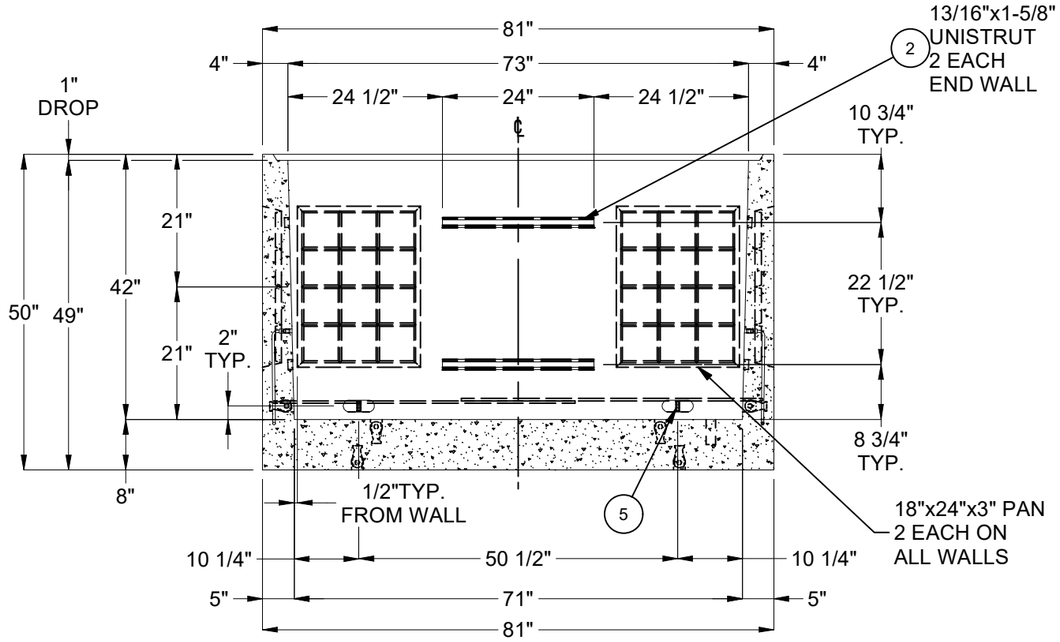
PLAN VIEW
(SHOWING HANDLING LIFTERS)



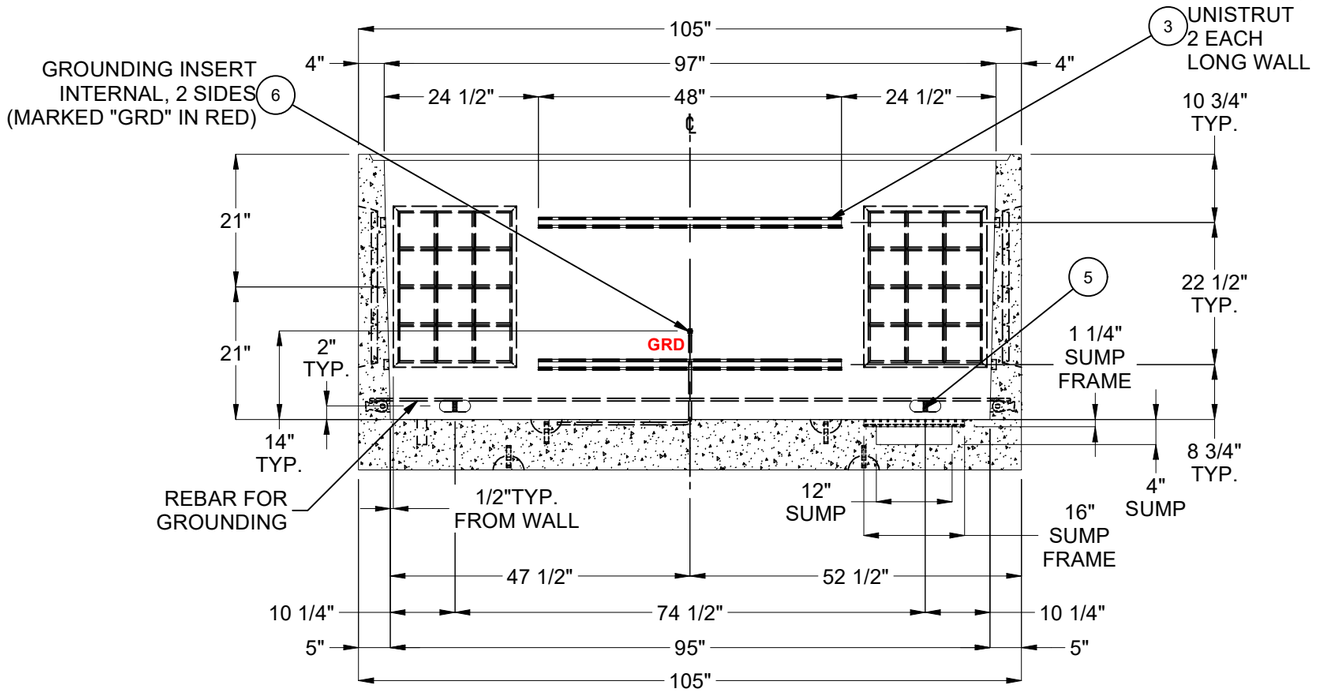
PLAN VIEW
(SHOWING DEMOLDING LIFTERS)



CONNECTION DETAIL



SECTION A-A



SECTION B-B

BURY DEPTH:	0.5' - 6.1' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	10916.7 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 7296x42 Rect. Bottom Section Knockout Sump Tacoma Power 39978 CASTING DRAWING		REV: A-5
PART NUMBER:	200078897	DRAWN BY:	E.Fine
CREATED:	8/10/2023	MODIFIED:	4/5/2024

SHEET: 2 OF 2

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