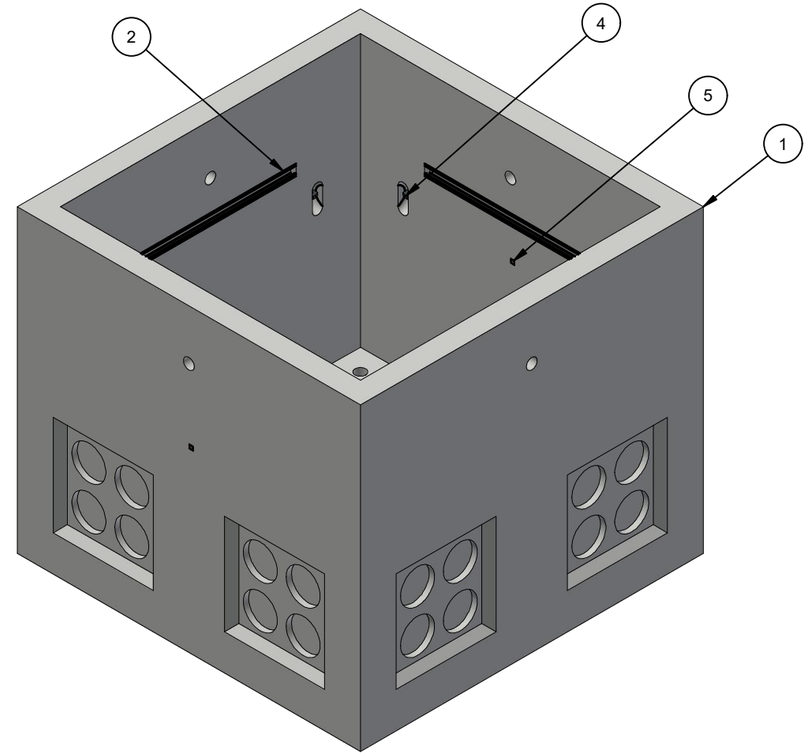
NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	15.860 ft^3	15.860 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	24.0000 in	96.0000 in	100022114	STRUT C-CHANNEL 13/16 X 1-5/8 16GA SOLID GALV SHALLOW W-400/P4000
3	1	4	100034833	ANCHOR RAPID LIFT TECH 2.5T CLUTCH 2.4375IN LONG MB RL-25
4	1	8	100042227	ANCHOR RAPID LIFT TECH 2.5T CLUTCH 2.4375IN LONG MB RL-25 GALV
5	1	4	100044243	GROUND INSERT BOTTLE ROCKET 1/2-13 BRONZE w/ 90DEG 0.375x36" STEEL ROD
6	1	1	300129929	REINFORCING MAT 300129929
7	1	1	300154135	REINFORCING MAT 300154135

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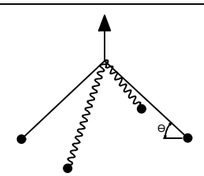


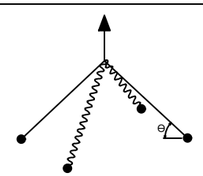
ISO LAYOUT

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3500 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 2 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	B





REVISION HISTORY

REV	DESCRIPTION	DATE	BY
A	DRAWING CREATED	2/9/2022	E.Fine
B	MODEL & REBAR UPDATED	10/19/2023	E.Fine
C	LIFTERS UPDATED	12/1/2023	E.Fine

BURY DEPTH:	0.5' - 5.5' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	2422.66 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Lift Hole

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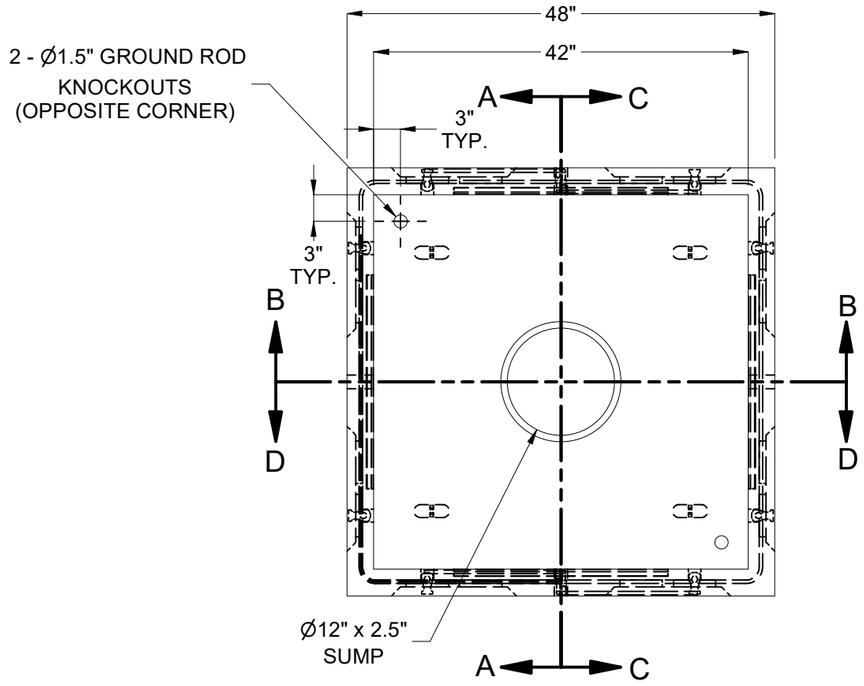
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DESCRIPTION:
Vault 4242x38 Rect. Bottom Section Knockout Sump Tacoma Power 21163
CASTING LAYOUT

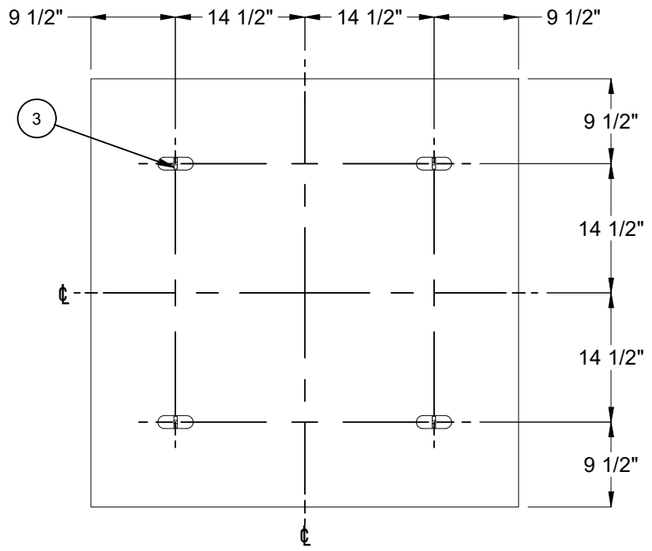
REV: C-1

PART NUMBER:	200051351	DRAWN BY:	E.Fine
CREATED:	3/29/2021	MODIFIED:	2/14/2025

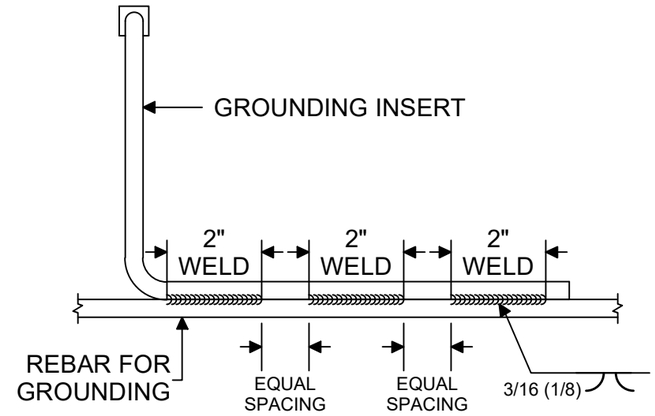
SHEET: 1 OF 2



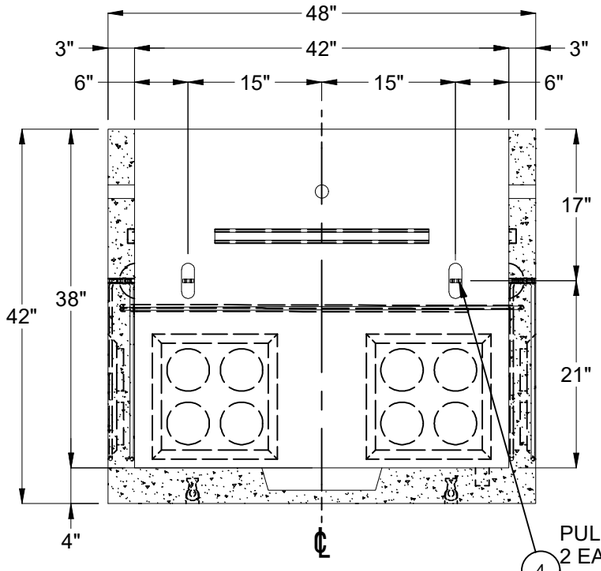
PLAN VIEW



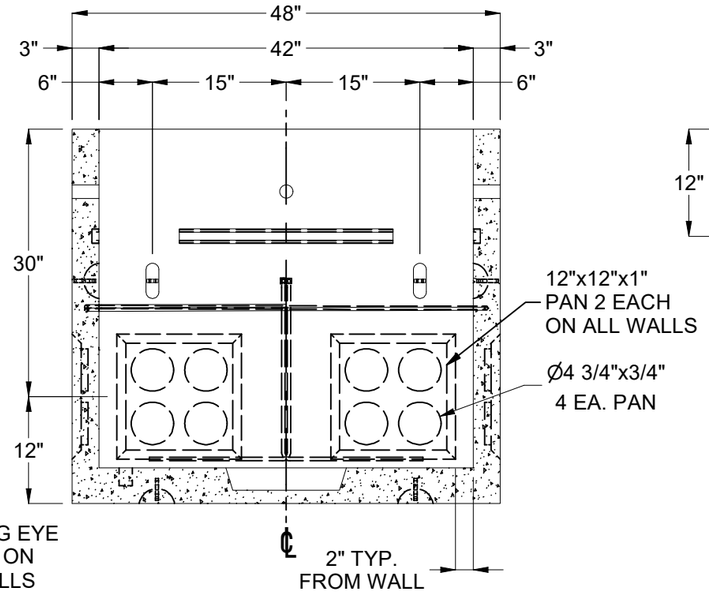
PLAN VIEW
(SHOWING DEMOLDING LIFTERS)



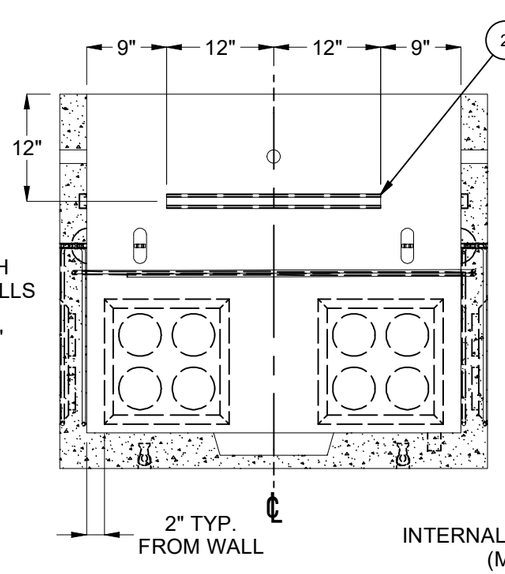
DETAIL 1



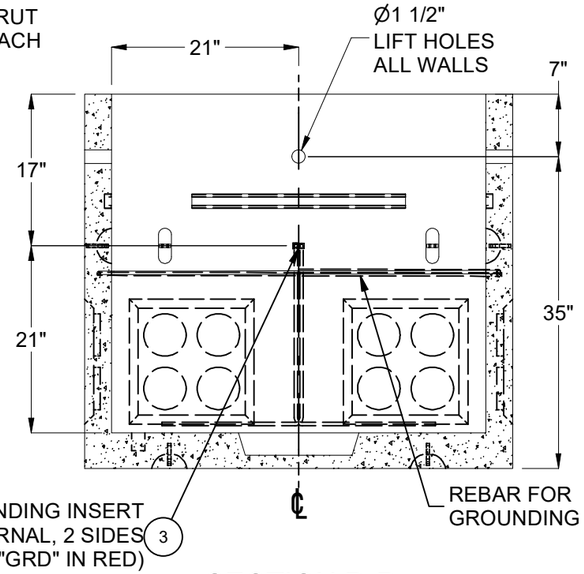
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.5' - 5.5' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	2422.66 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Lift Hole

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DESCRIPTION:	Vault 4242x38 Rect. Bottom Section Knockout Sump Tacoma Power 21163 CASTING DRAWING		REV: C-1
PART NUMBER:	200051351	DRAWN BY:	E.Fine
CREATED:	3/29/2021	MODIFIED:	2/14/2025
			SHEET: 2 OF 2

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