DESIGN NOTES:

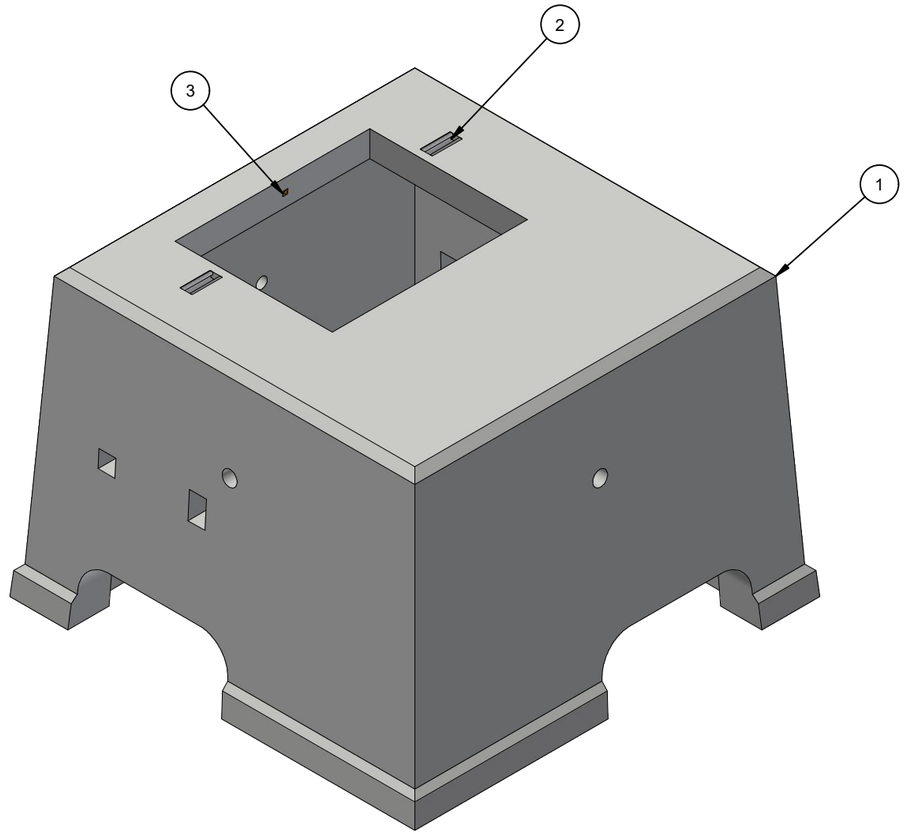
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN PRECAST FACILITY
- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - BROOMED
- INTERNAL LINER/COATING -
- EXTERNAL LINER/COATING -

BILL OF MATERIALS

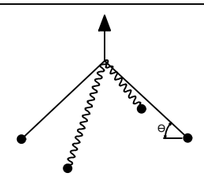
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	18.676 ft^3	18.676 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	4.000 in	8.000 in	100031103	STRUT C-CHANNEL CONCRETE INSERT 1-5/8 X 7/8 12GA W/ANCHORS GALV
3	1	1	100040738	GROUND INSERTS BOTTLE ROCKET BRONZE 1/2X36 STEEL ROD 12G69
4	1	1	300150364	REINFORCING MAT 300150364



ISO LAYOUT

LIFTING NOTES
■ 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 DIAGRAM* **B**



BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	2808.1 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	300 psf Equipment
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Lift Hole

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	DRAWING CREATED	4/2/2022	T.Larson
2	REVISIONS TO MEET PSE SPECIFICATIONS	8/14/2024	A. Viveiros
3	REVISED STRUT SIZE, STRUT HOLE SIZES	1/10/2025	A. Viveiros

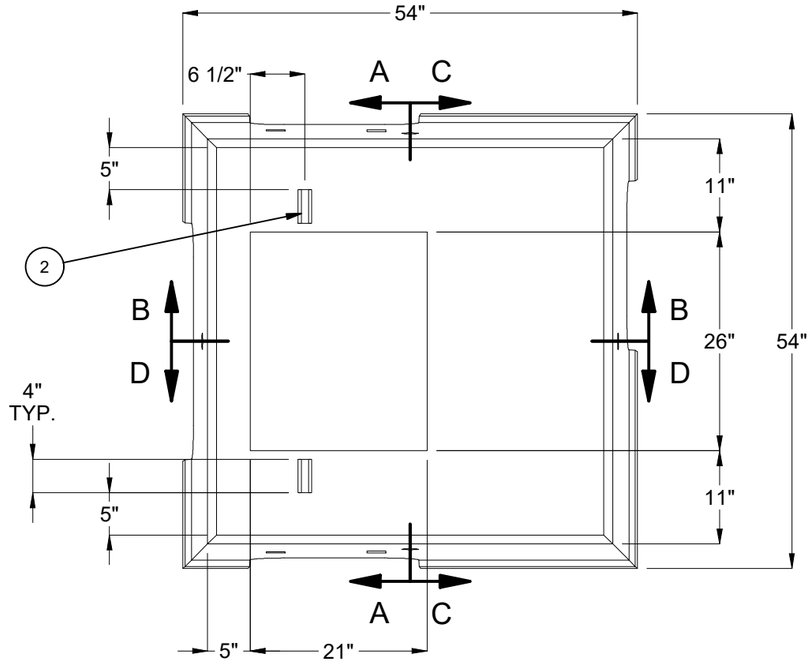
DESCRIPTION: Pad Mount Vault 4848x34 2126"E PSE MID 7662110
CASTING LAYOUT

REV: C-3

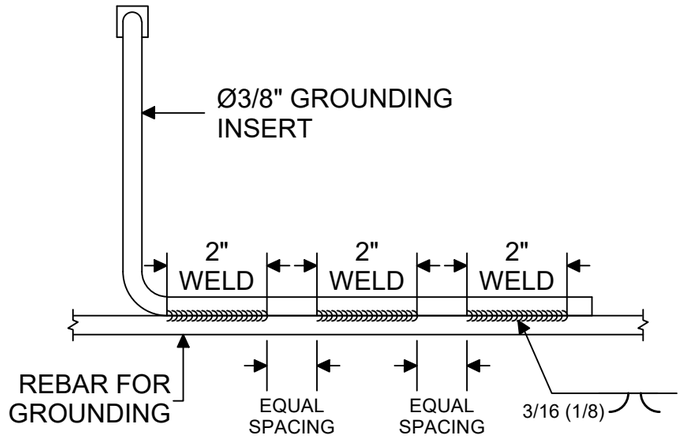
PART NUMBER:	200058486	DRAWN BY:	A. Viveiros
CREATED:	3/30/2021	MODIFIED:	5/30/2025

SHEET: 1 OF 2

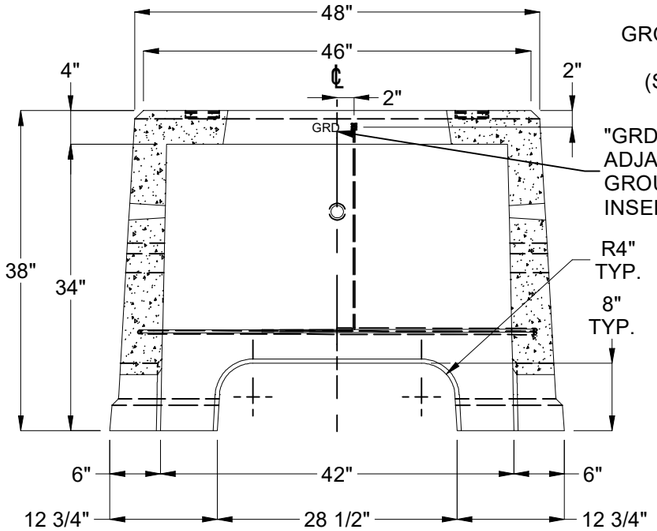
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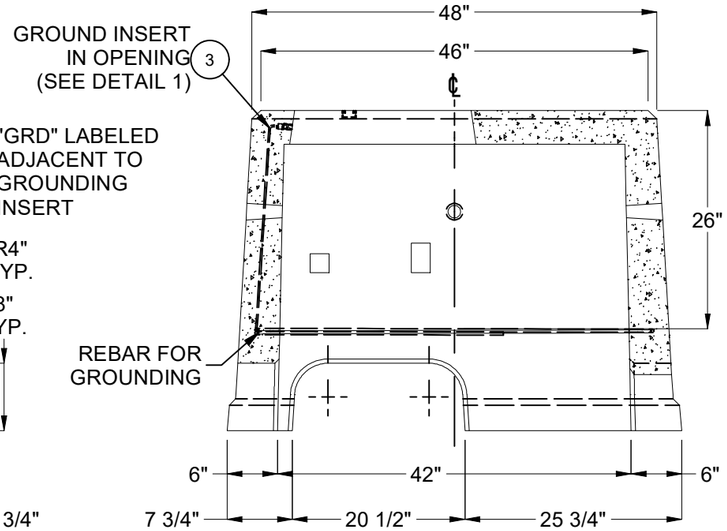
PLAN VIEW



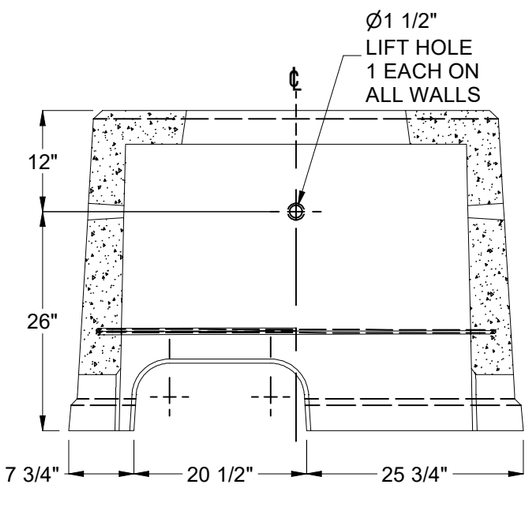
DETAIL 1



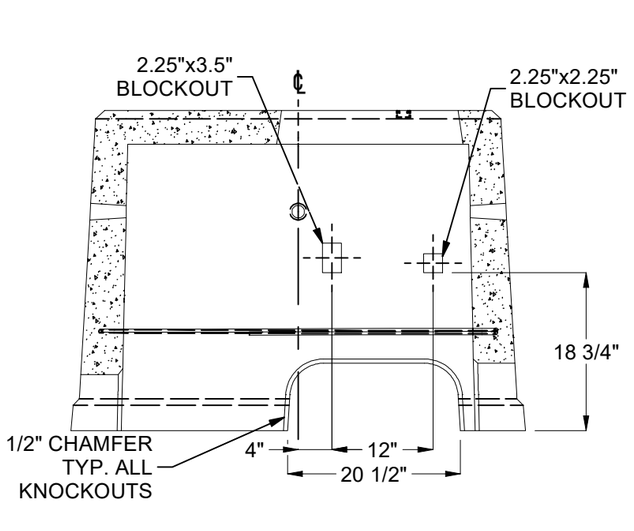
SECTION A-A



SECTION B-B
(OPPOSITE SIDE SIMILAR)



SECTION C-C



SECTION D-D
(OPPOSITE SIDE SIMILAR)

BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	2808.1 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	300 psf Equipment
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Lift Hole

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DESCRIPTION:	Pad Mount Vault 4848x34 2126"E PSE MID 7662110 CASTING DRAWING		REV: C-3
PART NUMBER:	200058486	DRAWN BY:	A. Viveiros
CREATED:	3/30/2021	MODIFIED:	5/30/2025
			SHEET: 2 OF 2

200058486.idw