DESIGN NOTES:

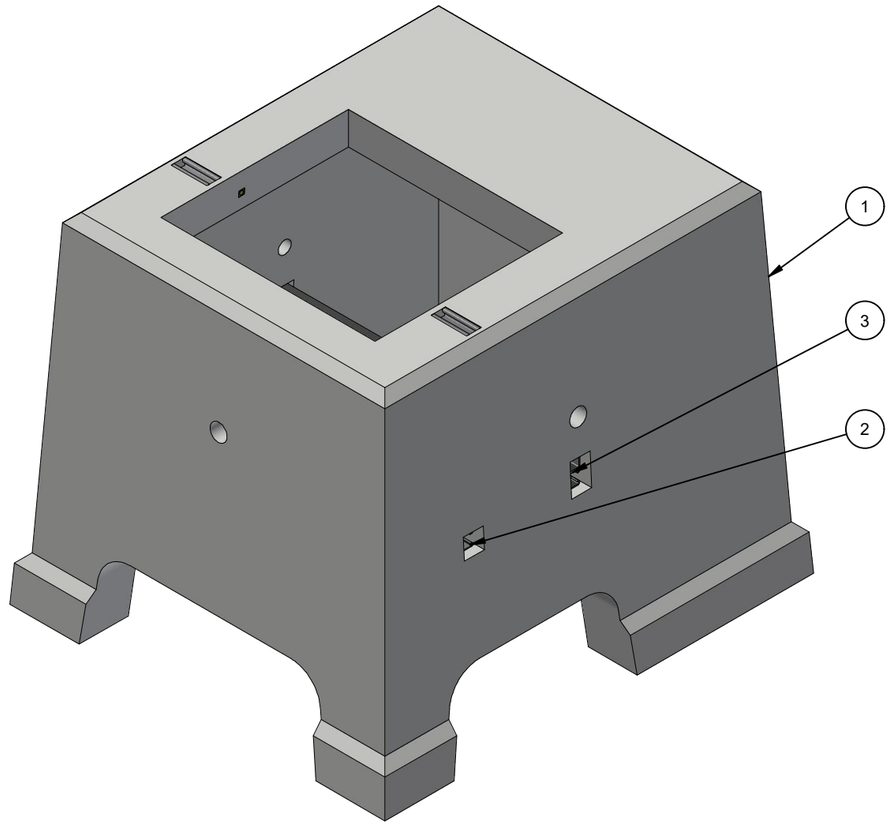
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

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 -
- DESIGN IN ACCORDANCE WITH CALC PACKAGE: 2407-57392_CALC

BILL OF MATERIALS

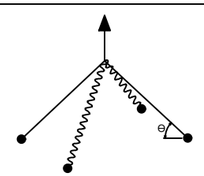
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	1	200058481	Pad Mount Vault 3642x34 2124"E PSE MID 7662010
2	36.0000 in	36.0000 in	100003042	STRUT C-CHANNEL 1-5/8 X 1-5/8 12GA SOLID GALV
3	36.000 in	36.000 in	100040159	STRUT C-CHANNEL CONCRETE INSERT 1-5/8 X 3-1/4 12GA DOUBLE COMBINATION P1001B GALV



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:	2067.16 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	2407-57392-14	4/24/2025	AMV

DESCRIPTION: Pad Mount Vault 3642x34 2124"E PSE MID 7663001

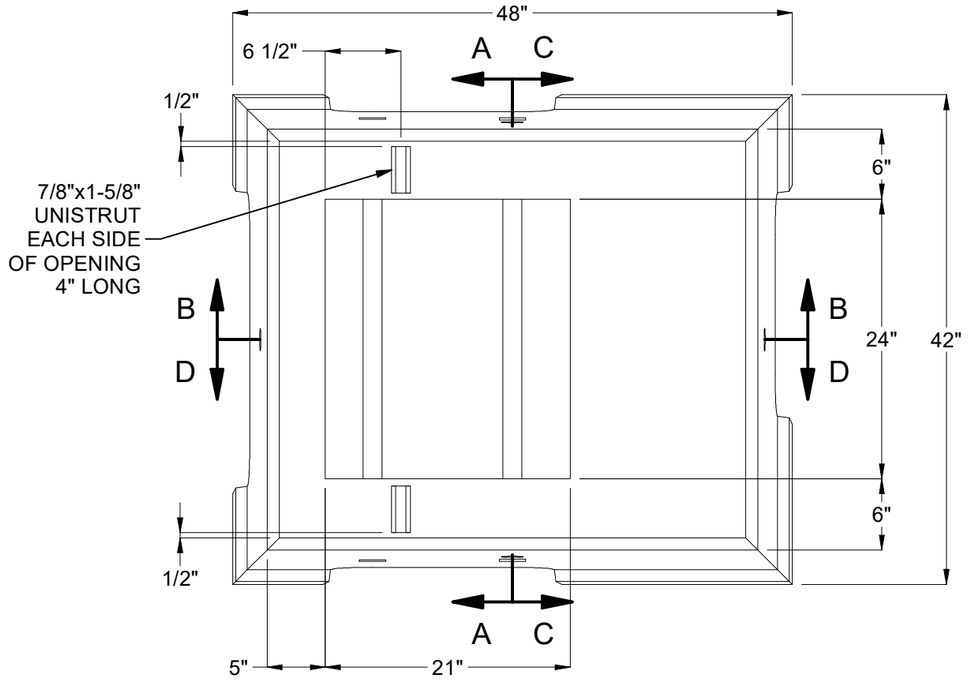
CASTING LAYOUT

REV: B-1

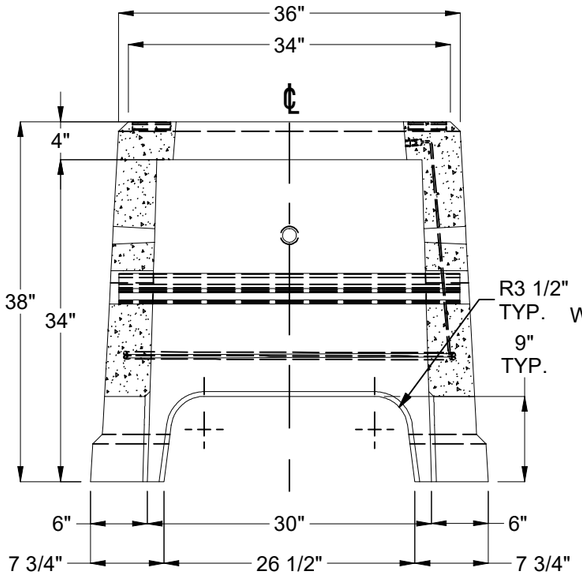
SHEET: 1 OF 2

PART NUMBER:	200100690	DRAWN BY:	A. Viveiros
CREATED:	4/24/2025	MODIFIED:	5/30/2025

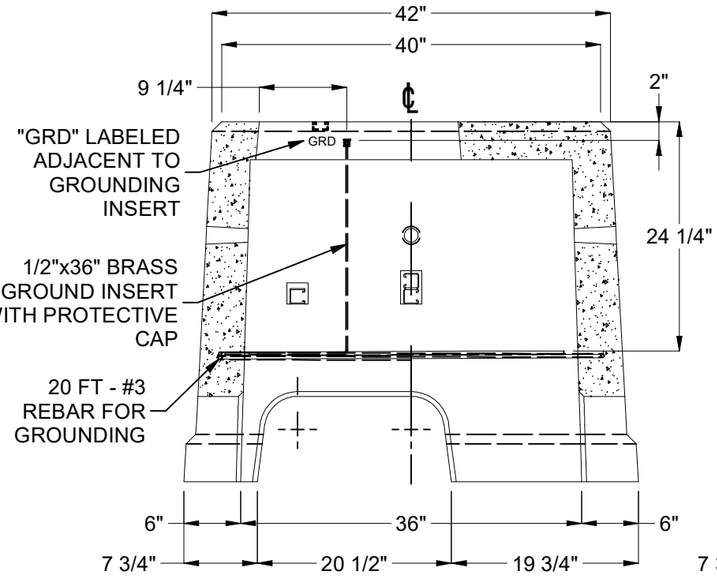
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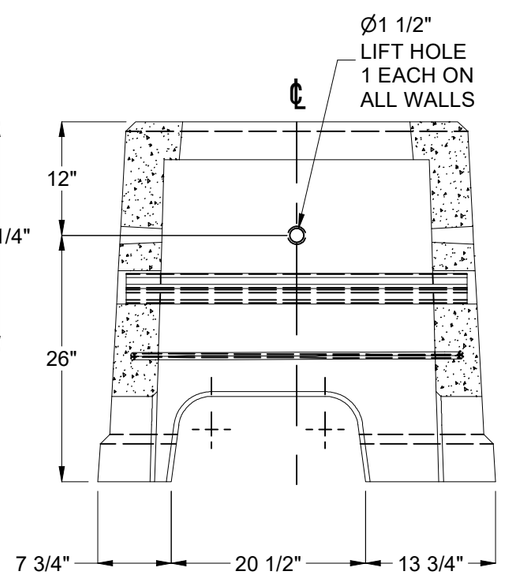
PLAN VIEW



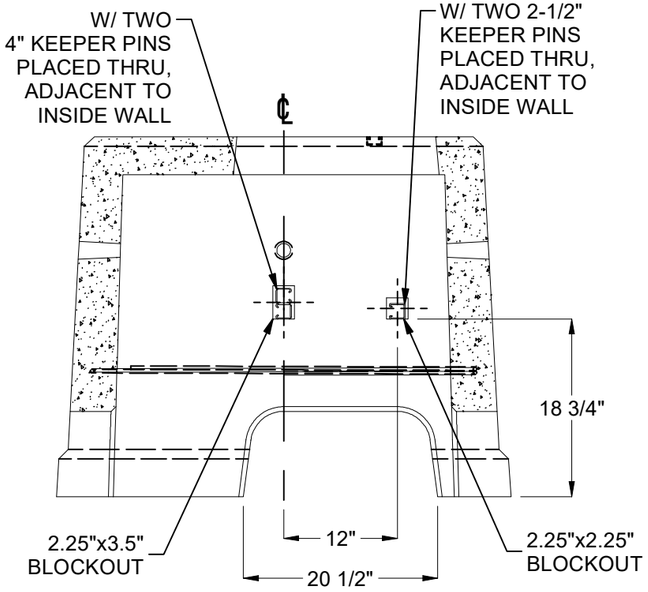
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	2067.16 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 3642x34 2124"E PSE MID 7663001 CASTING DRAWING		REV: B-1
PART NUMBER:	200100690	DRAWN BY:	A. Viveiros
CREATED:	4/24/2025	MODIFIED:	5/30/2025
			SHEET: 2 OF 2

200100690.idw