DESIGN NOTES:

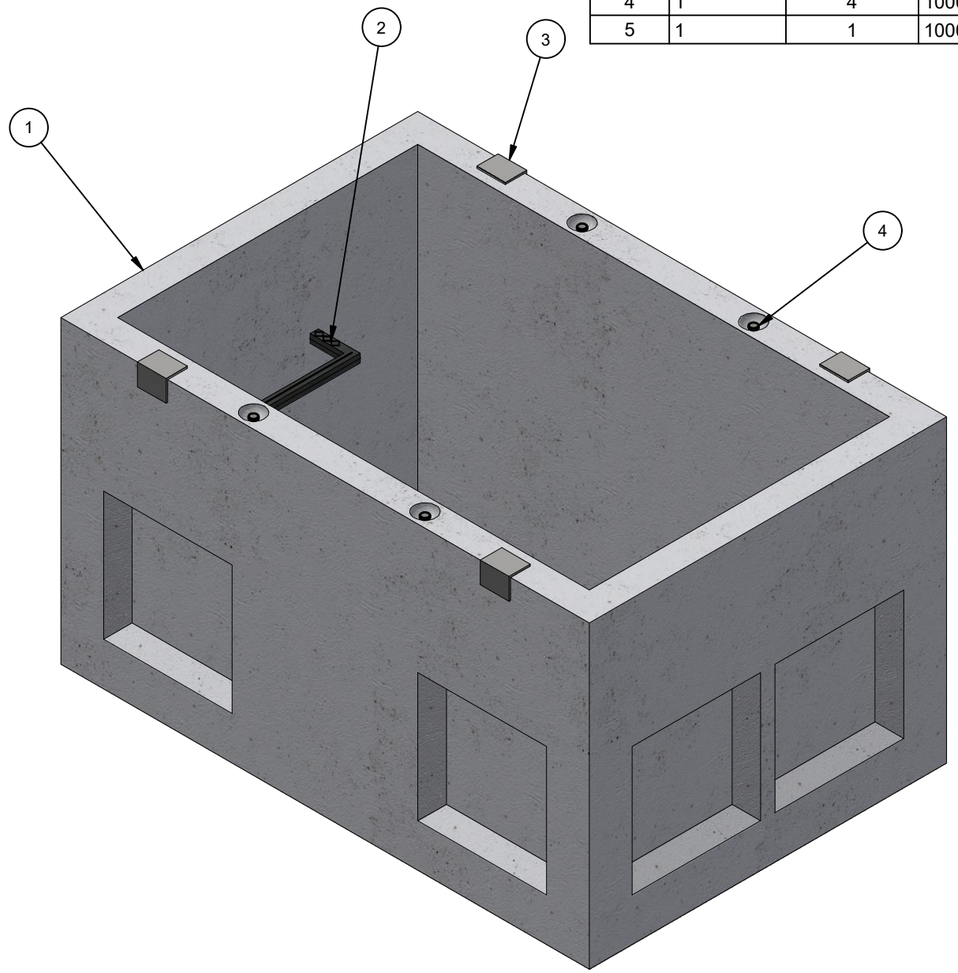
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN PRECAST FACILITY
- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - NONE
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - NONE

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	20.151 ft^3	20.151 ft^3	100005976	CONCRETE MIX GENERIC 4500 PSI
2	1	1	100002561	LADDER STEP RUNG POLYMER MH ASTM-C-478 9-3/16 X 13IN PS2-PF-DF
3	1	4	100008585	ADJUSTING PLATE SMUD GALV
4	1	4	100002870	ANCHOR DOGBONE P52 2T X 6-3/4" GALV
5	1	1	100020325	REINFORCING MAT 100020325

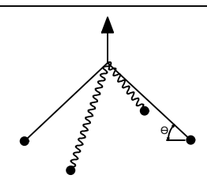


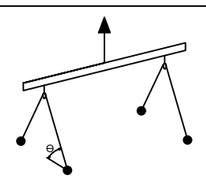
ISO VIEW

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5000 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 1500 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





CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	12/13/2024	APS
2	UPDATED WALL THICKNESS FOR NEW FORM	3/5/2025	APS
3	REVISED REBAR TO AVOID COLLISIONS	10/5/2026	J.R.

BURY DEPTH:	0.0' - 4.5' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	3048.94 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

Infrastructure
JENSEN
WWW.JENSENPRECAST.COM

©2026 Jensen Infrastructure - All rights reserved.
All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action. This product shall only be produced in a Jensen Infrastructure facility.

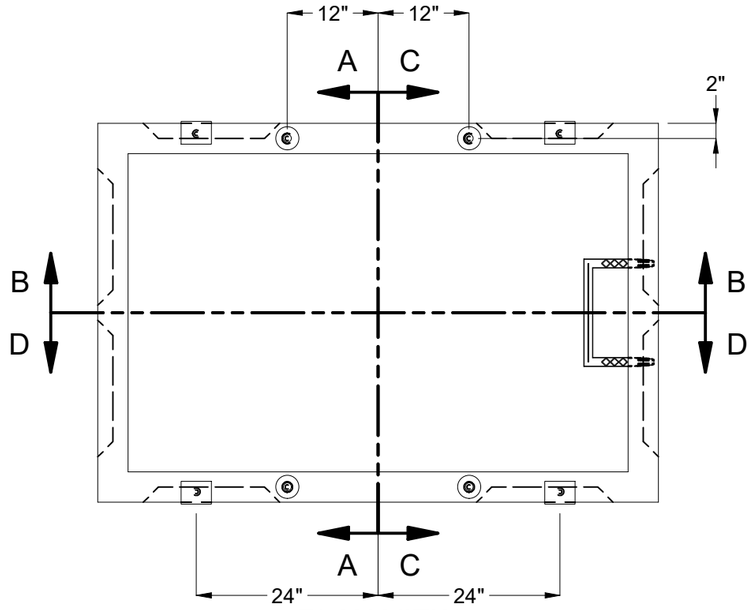
DESCRIPTION:
Intercept Riser 4266x42 Knockout SMUD
CASTING LAYOUT

REV: B-2-1

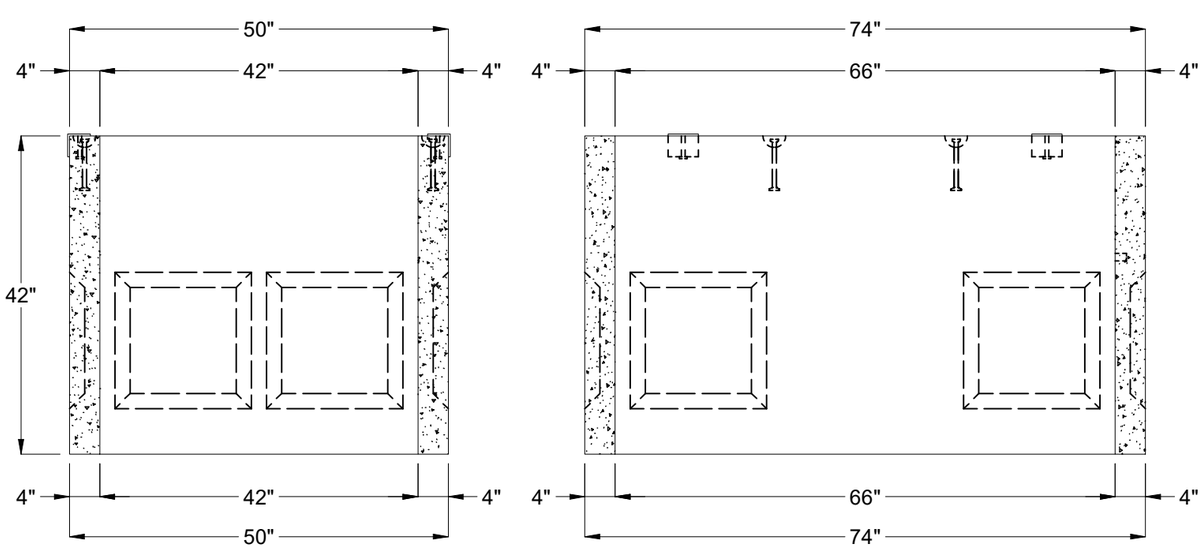
PART NUMBER:	100001269	DRAWN BY:	J. Ramirez
CREATED:	6/8/2023	MODIFIED:	10/5/2026

SHEET: 1 OF 2

100001269.idw

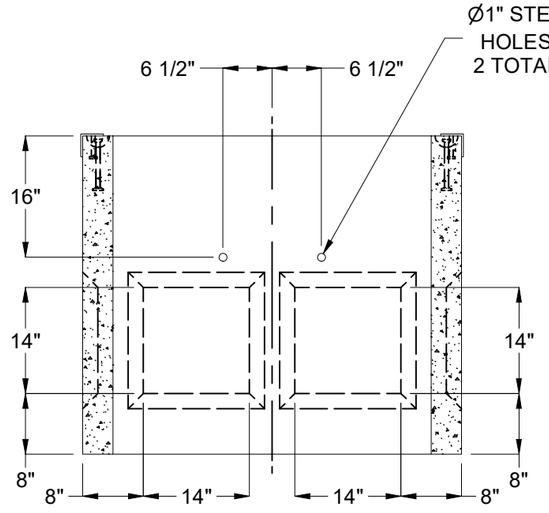


PLAN VIEW

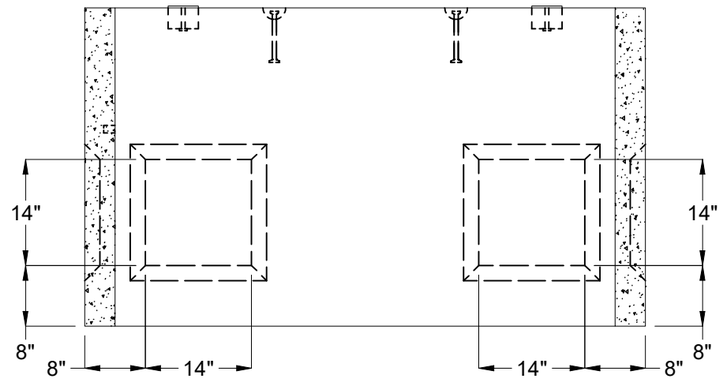


SECTION A-A

SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 4.5' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	3048.94 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

Infrastructure
JENSEN
WWW.JENSENPRECAST.COM

©2026 Jensen Infrastructure - All rights reserved.
All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action. This product shall only be produced in a Jensen Infrastructure facility.

DESCRIPTION:	Intercept Riser 4266x42 Knockout SMUD CASTING DRAWING		REV: B-2-1
PART NUMBER:	100001269	DRAWN BY:	J. Ramirez
CREATED:	6/8/2023	MODIFIED:	10/5/2026
			SHEET: 2 OF 2

100001269.idw