DESIGN NOTES:

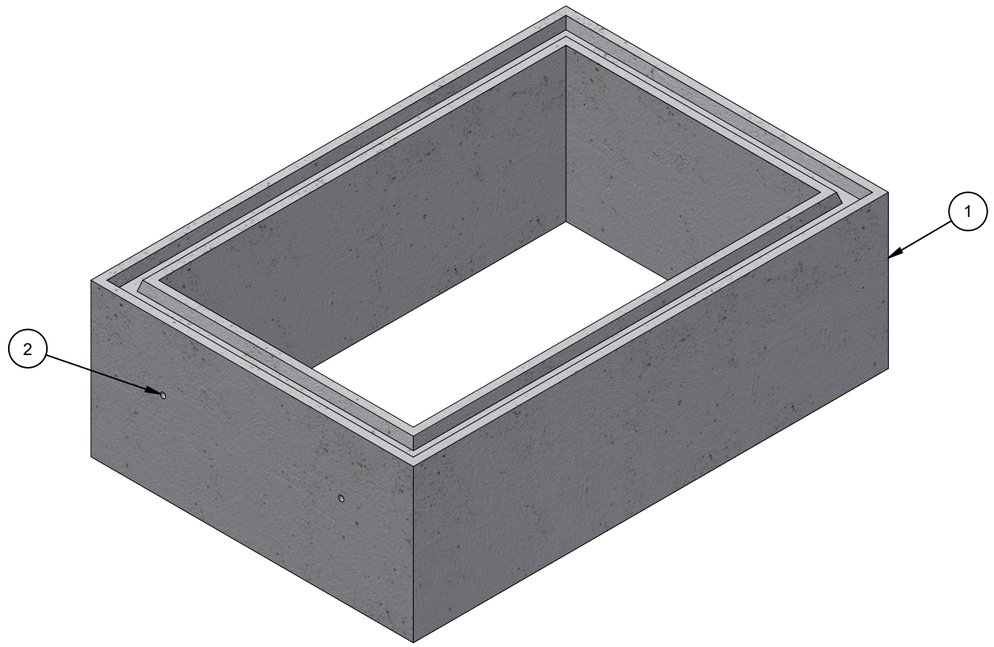
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

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

BILL OF MATERIALS

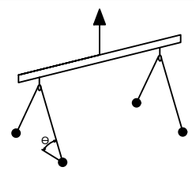
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	7.097 ft^3	7.097 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	4	100002766	Insert Ferrule Loop 0.625 x 3.5" Zinc (F42 or Equiv.)
3	1	1	100019410	REINFORCING MAT 100019410



ISO VIEW

LIFTING NOTES
■ 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 DIAGRAM* **C**



BURY DEPTH:	0.0' - 4.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	1067.54 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	2405-56948-9	7/7/2026	CC
2			
3			

DESCRIPTION: Riser 3048x18

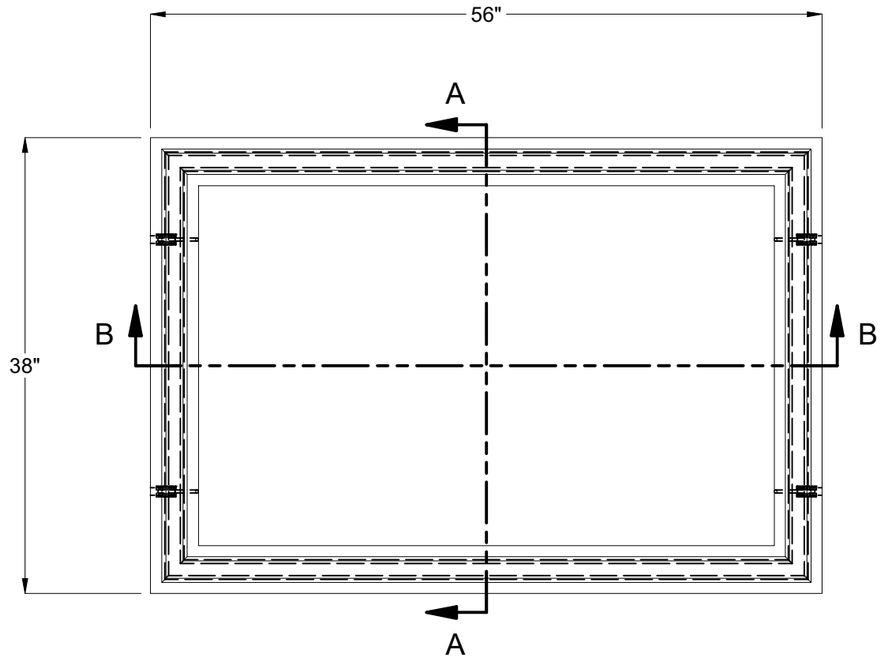
CASTING LAYOUT

REV: A-5

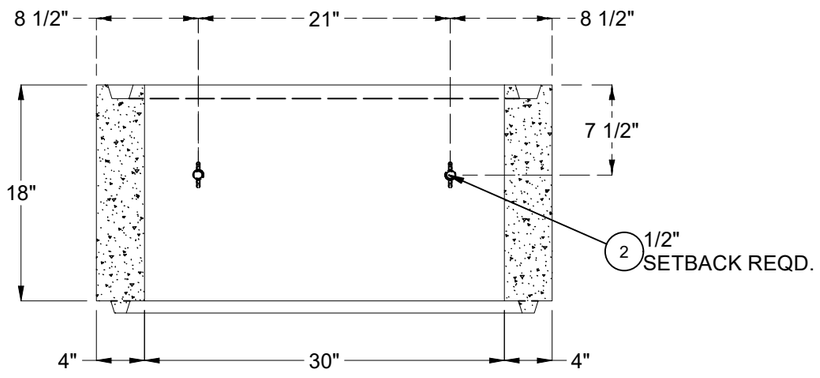
SHEET: 1 OF 2

PART NUMBER:	100001175	DRAWN BY:	C.Christy
CREATED:	7/7/2026	MODIFIED:	7/8/2026

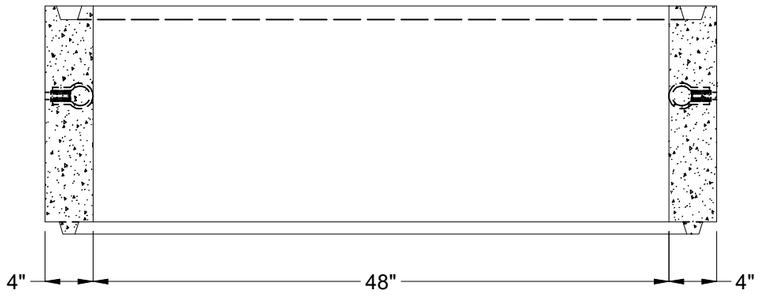
100001175.idw



PLAN VIEW



SECTION A-A
(OPOSITE SIDE SIMILAR)



SECTION B-B
(OPOSITE SIDE SIMILAR)

BURY DEPTH:	0.0' - 4.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	1067.54 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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DESCRIPTION:	Riser 3048x18 CASTING DRAWING		REV: A-5
PART NUMBER:	100001175	DRAWN BY:	C.Christy
CREATED:	7/7/2026	MODIFIED:	7/8/2026
			SHEET: 2 OF 2

100001175.idw