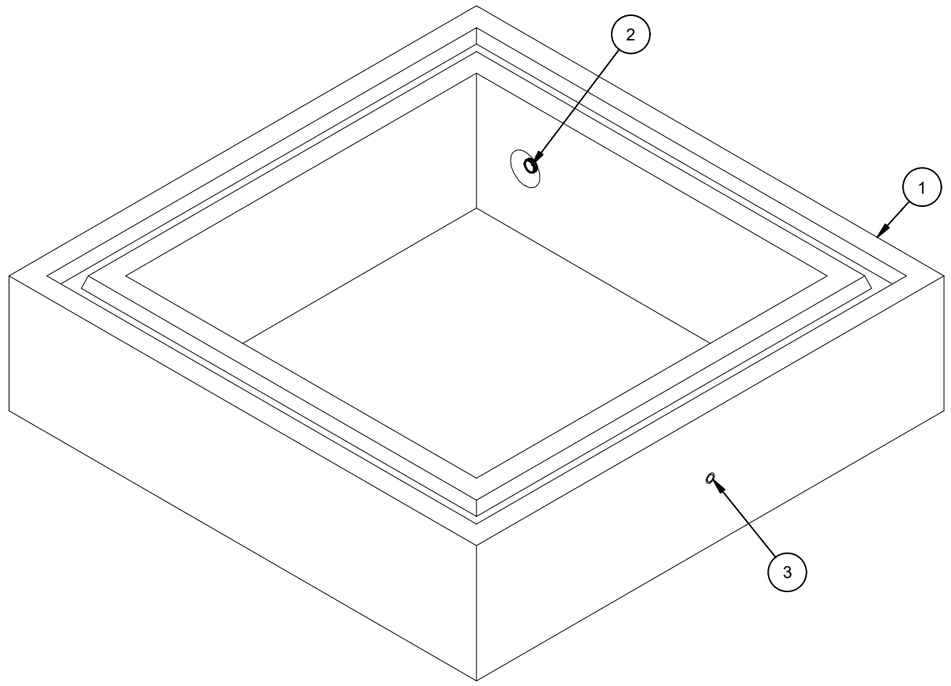
DESIGN NOTES
■ DESIGNED PER CALCS. #33219.
■ ALL PARTS TO BE STENCILED: MFG DATE / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

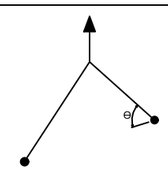
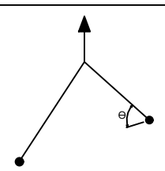
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	6.923 ft^3	6.923 ft^3	100005993	CONCRETE 5500 PSI DRYCAST MIX
2	1	2	100002867	ANCHOR DOGBONE P52 2T X 3-3/8" GALV
3	1	2	100002766	Insert Ferrule Loop 0.625 x 3.5" Zinc (F42 or Equiv.)
4	1	1	100017833	REINFORCING MAT 100017833

100012044.idw



ISOMETRIC VIEW

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 2 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 2 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	F	DEMOLDING	F
			

BURY DEPTH:	0.5' - 4.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	1041.69 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

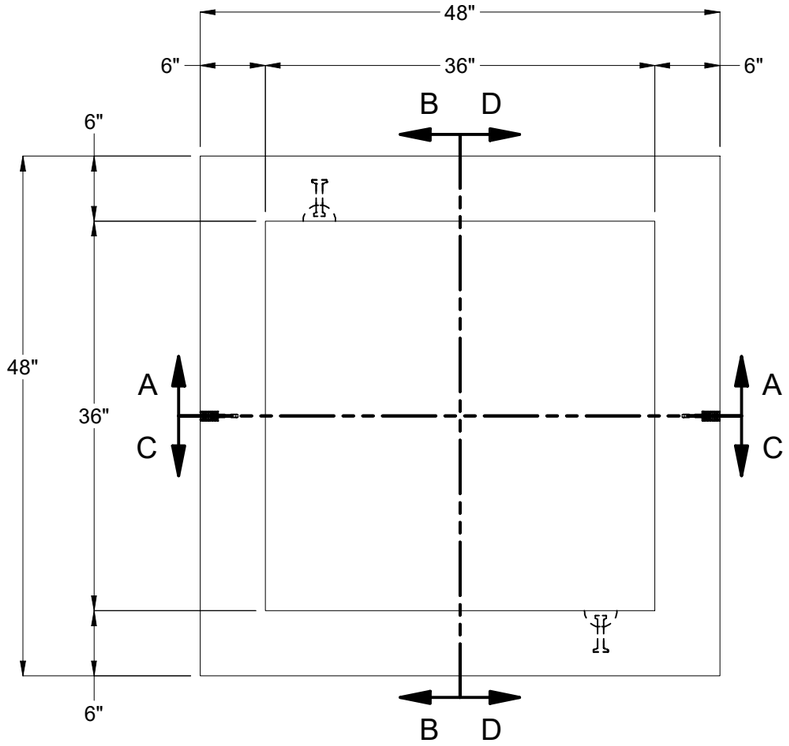
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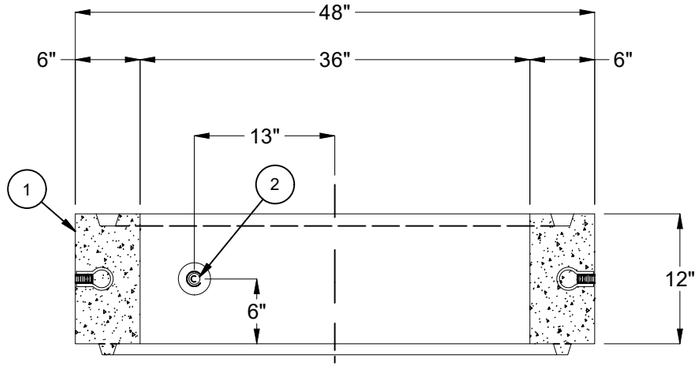
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
A	REVISED TONGUE/GROOVE & UPDATED DRAWING	10/14/2026	

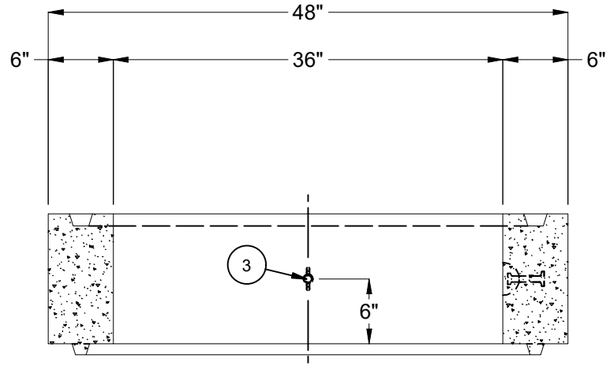
DESCRIPTION:	Riser 3636x12 CASTING LAYOUT	REV:	A
PART NUMBER:	100012044	DRAWN BY:	J. Prado
CREATED:	8/10/2019	MODIFIED:	10/14/2026
		SHEET:	1 OF 2



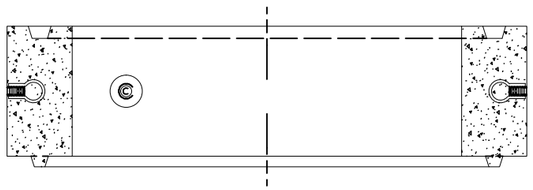
PLAN VIEW



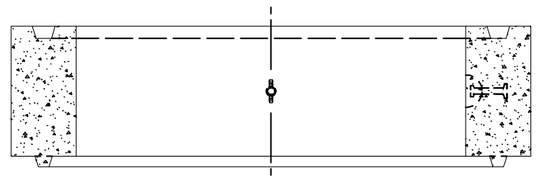
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.5' - 4.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	1041.69 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Riser 3636x12 CASTING DRAWING		REV: A
PART NUMBER:	100012044	DRAWN BY:	J. Prado
CREATED:	8/10/2019	MODIFIED:	10/14/2026
			SHEET: 2 OF 2

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