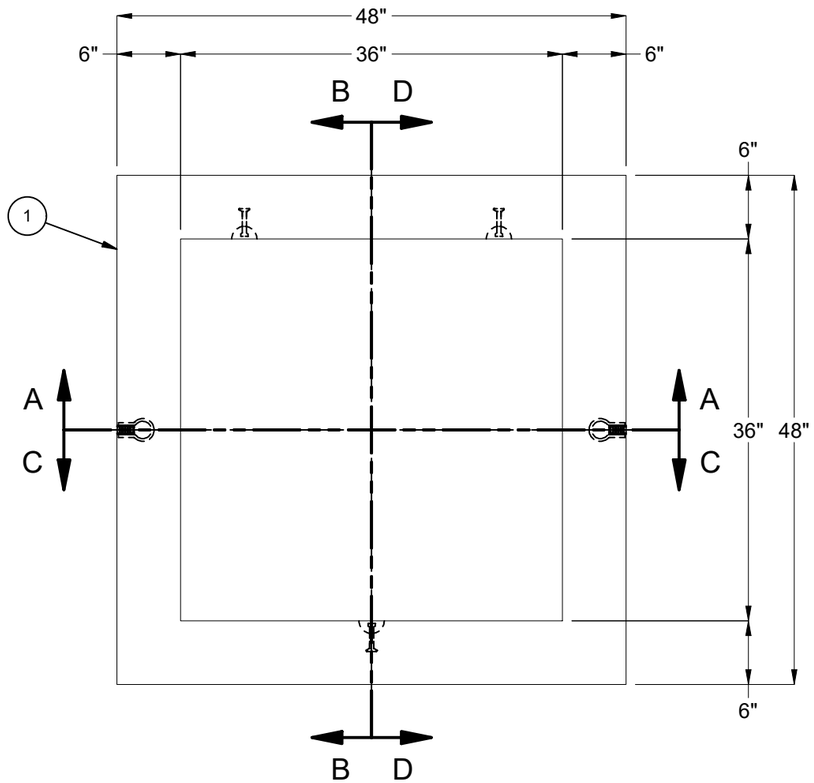
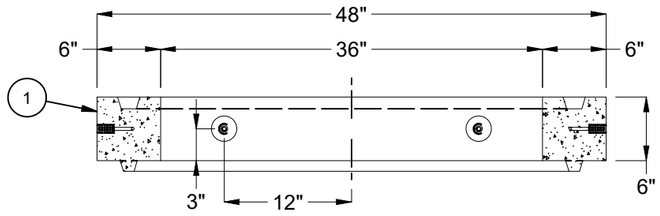
DESIGN NOTES
■ DESIGNED PER CALCS. #33020.
■ ALL PARTS TO BE STENCILED: MFG DATE / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

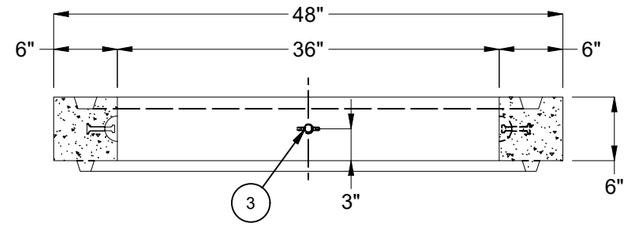
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	3.428 ft^3	3.428 ft^3	100005993	CONCRETE 5500 PSI DRYCAST MIX
2	1	3	100028358	ANCHOR DOGBONE P52 1T X 2-5/8" GALV
3	1	2	100002766	Insert Ferrule Loop 0.625 x 3.5" Zinc (F42 or Equiv.)
4	1	1	100017822	REINFORCING MAT 100017822



PLAN VIEW



SECTION A-A



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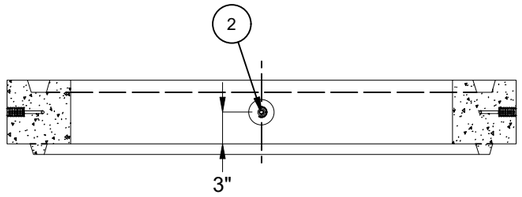
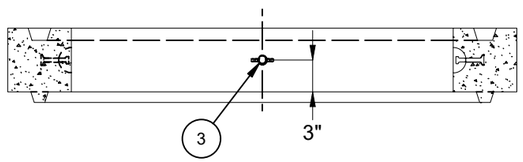
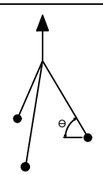
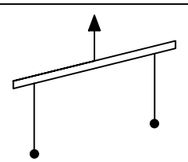


SECTION C-C



SECTION D-D

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 3 LIFT CONNECTIONS EQUALLY LOADED TO 3 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 90° 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	A	DEMOLDING	G
			

BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	515.73 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

Infrastructure
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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
C	ADDED DOGBONES	5/30/2025	

DESCRIPTION:	Riser 3636x6 CASTING LAYOUT	REV:	C-1
PART NUMBER:	100010147	DRAWN BY:	B. Hill
CREATED:	8/7/2020	MODIFIED:	5/30/2025
		SHEET:	1 OF 1

100010147.idw