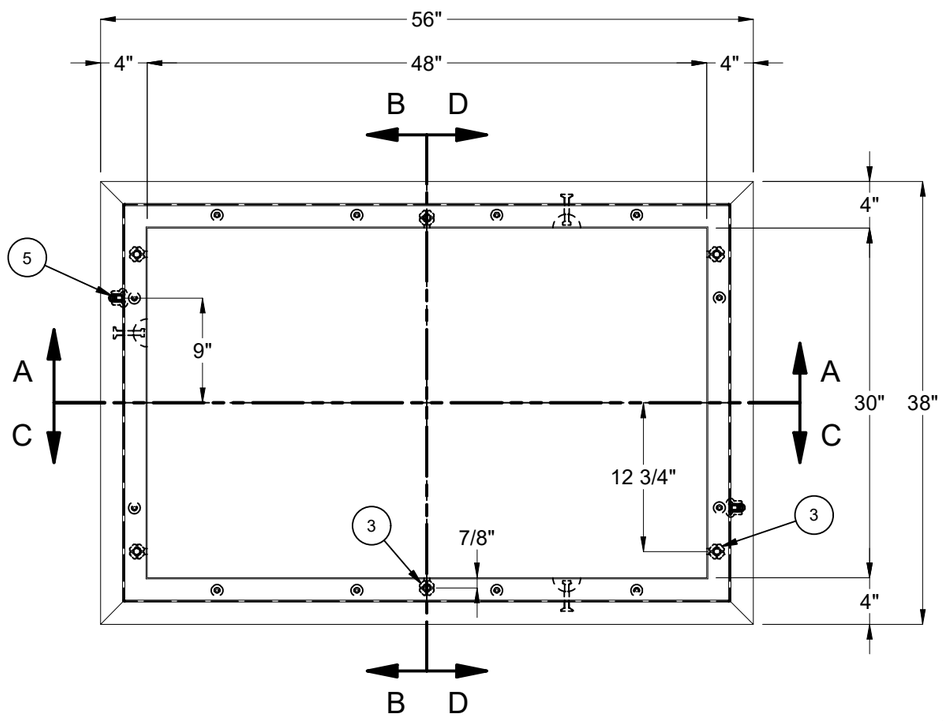
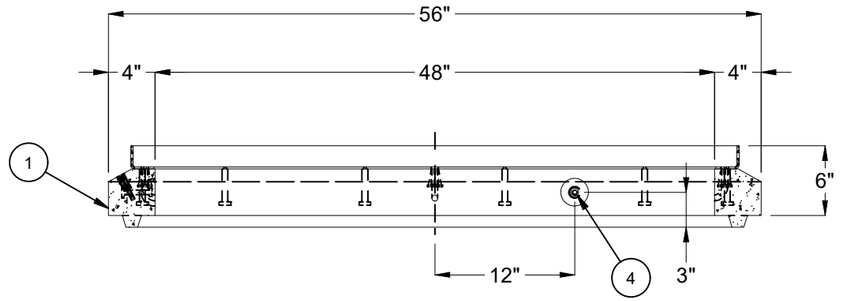
DESIGN NOTES
■ DESIGNED PER CALCS. #31603
■ ALL PARTS TO BE STENCILED: MFG DATE / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

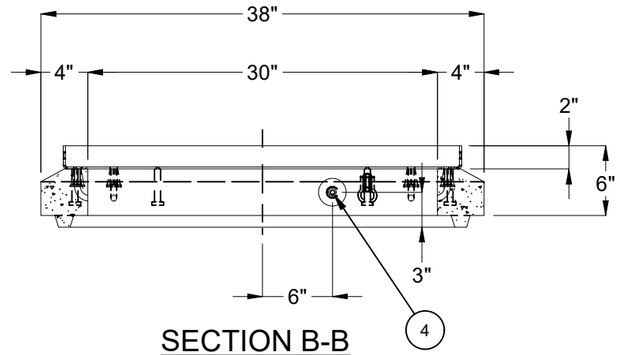
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1.599 ft^3	1.599 ft^3	100005993	CONCRETE 5500 PSI DRYCAST
2	1	1	100006689	FRAME 3048 ANGLE GALV
3	1	6	100008114	INSERT THREADED METAL 1/2-13 UNC 1-1/2 IN OPEN
4	1	3	100028358	ANCHOR DOGBONE P52 1T X 2-5/8" GALV
5	1	2	100002765	Insert Ferrule Loop 0.5 x 2.75" Zinc (F42 or Equiv.)
6	1	1	100017882	REINFORCING MAT 100017882



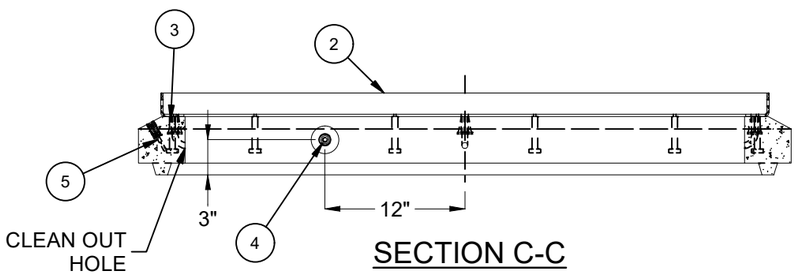
PLAN VIEW



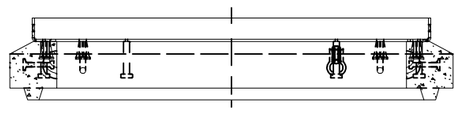
SECTION A-A



SECTION B-B

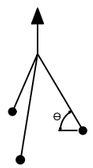
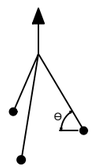


SECTION C-C



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 3 LIFT CONNECTIONS EQUALLY LOADED TO 3 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	A	DEMOLDING	A
			

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	277.36 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

Infrastructure
JENSEN
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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D	REPLACED DOGBONES	7/9/2025	

DESCRIPTION:	Top Riser 3048x6 Cast-In Frame LADWP CASTING LAYOUT		REV: D-1
PART NUMBER:	100012151	DRAWN BY:	J. Prado
CREATED:	2/1/2023	MODIFIED:	7/9/2025
			SHEET: 1 OF 1

100012151.idw