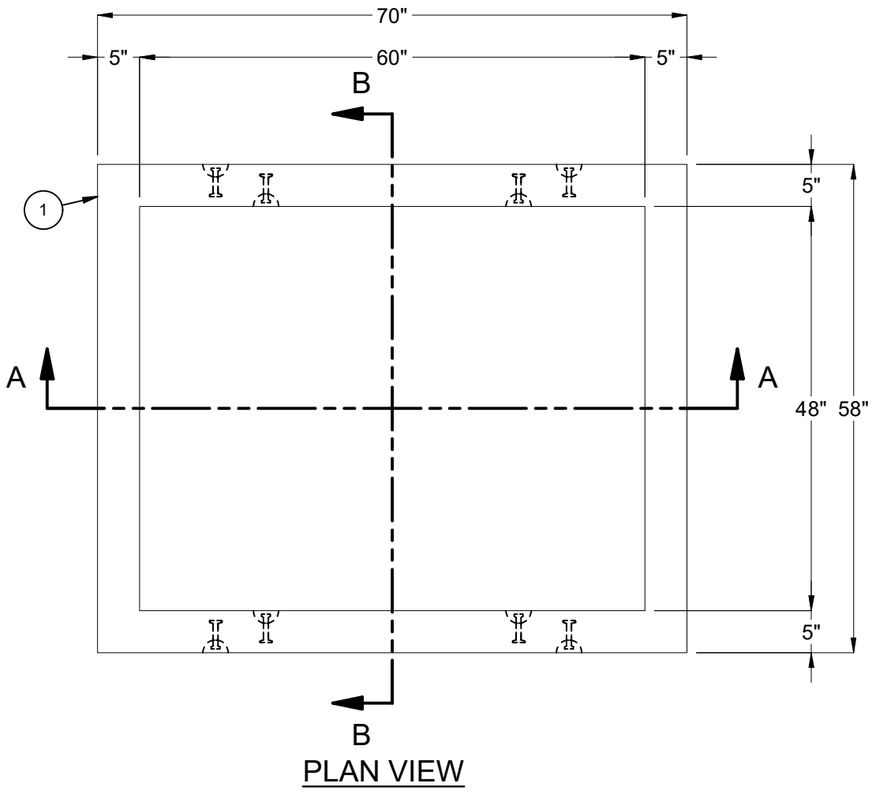
DESIGN NOTES
■ DESIGNED PER CALCS. #35298
■ ALL PARTS TO BE STENCILED: MFG DATE / PRODUCT ID / WEIGHT.

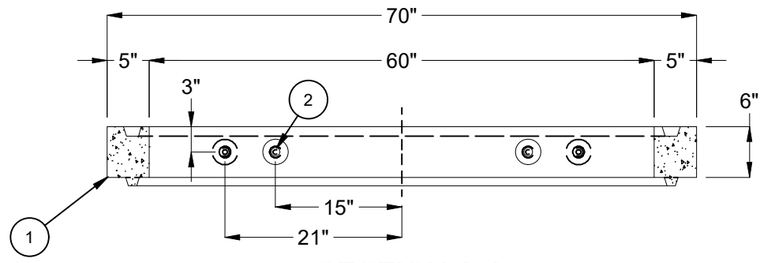
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	3.967 ft^3	3.967 ft^3	100024079	CONCRETE #19 SCC
2	1	8	100002867	ANCHOR DOGBONE P52 2T X 3-3/8" GALV
3	1	1	300125841	REINFORCING MAT 300125841

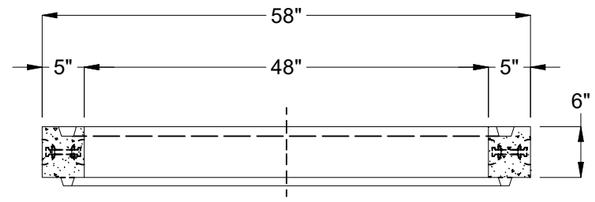
100012203.idw



PLAN VIEW

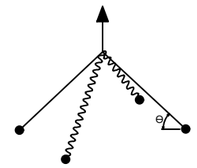
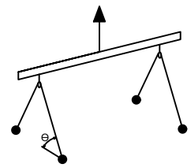


SECTION A-A



SECTION B-B

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 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 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 DIAGRAMS*			
INSTALLATION	B	DEMOLDING	C
			

BURY DEPTH:	1.0' - 1.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	599.32 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-1	REMOVED RFI TAG/UPDATED LIFTING NOTE	11/20/2025	

DESCRIPTION:	Riser 4860x6 CASTING LAYOUT			REV: C-1
PART NUMBER:	100012203	DRAWN BY:	S. Woods	SHEET: 1 OF 1
CREATED:	6/8/2019	MODIFIED:	11/20/2025	