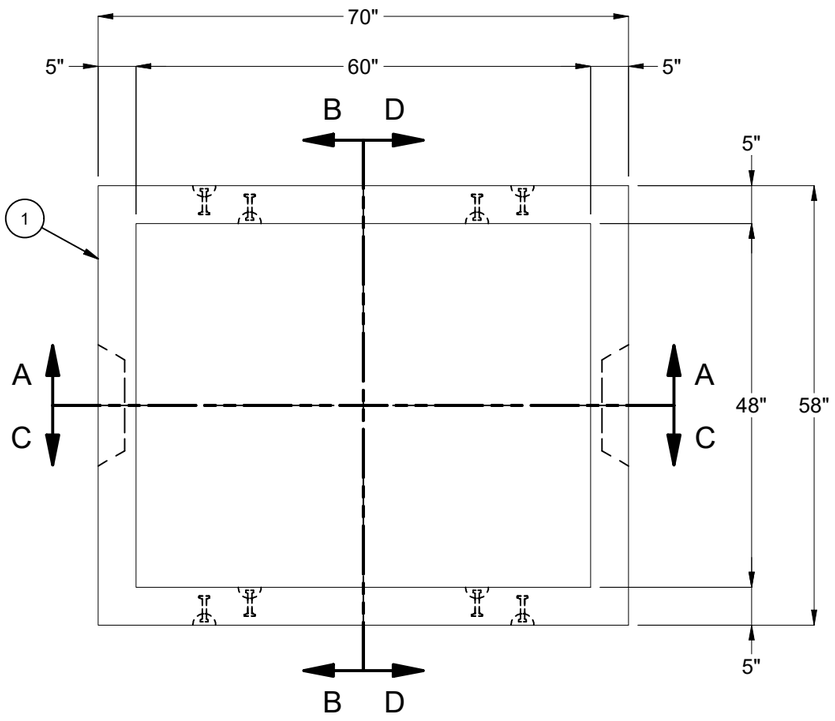
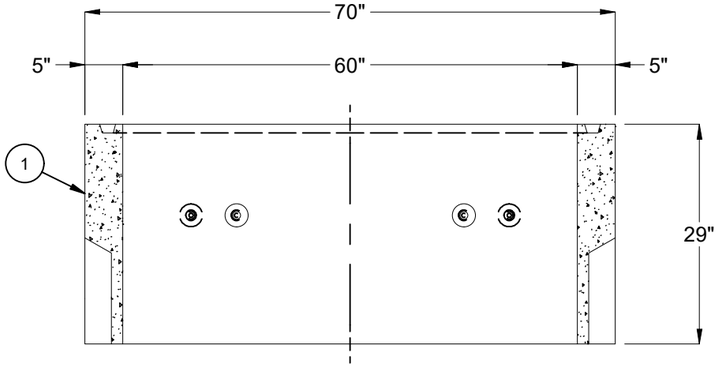
DESIGN NOTES
■ DESIGNED PER CALCS. #35298
■ ALL PARTS TO BE STENCILED: MFG DATE / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

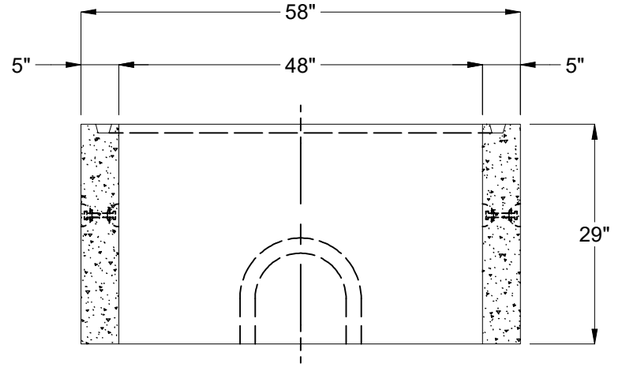
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	18.201 ft^3	18.201 ft^3	100024079	CONCRETE #19 SCC
2	1	8	100002867	ANCHOR DOGBONE P52 2T X 3-3/8" GALV
3	1	1	100017933	REINFORCING MAT 100017933



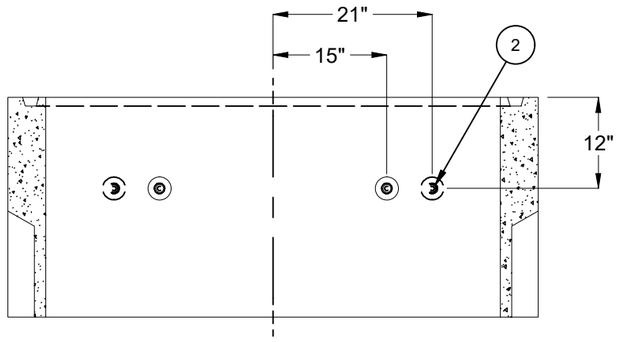
PLAN VIEW



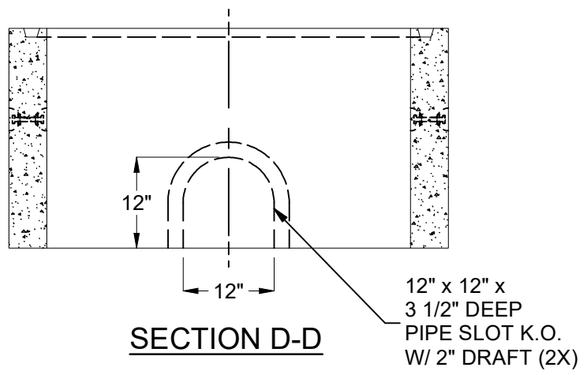
SECTION A-A



SECTION B-B



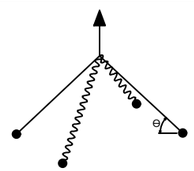
SECTION C-C

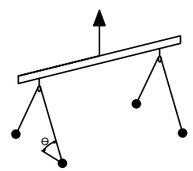


SECTION D-D

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 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:	1.5' - 1.5' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	2834.89 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
B-1	INITIAL RELEASE IN INVENTOR	11/21/2025	

DESCRIPTION:	Riser 4860x29 Knockout CASTING LAYOUT	REV:	B-1
PART NUMBER:	100012205	DRAWN BY:	S. Woods
CREATED:	11/20/2025	MODIFIED:	11/21/2025
		SHEET:	1 OF 1

100012205.idw