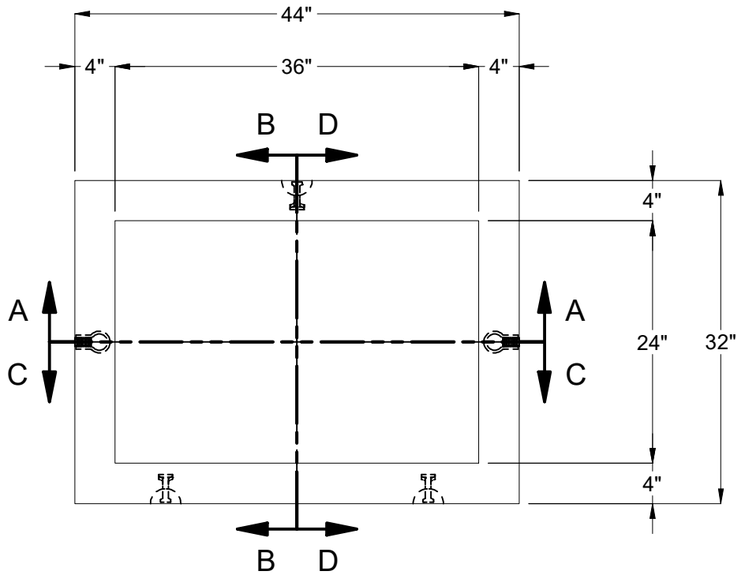
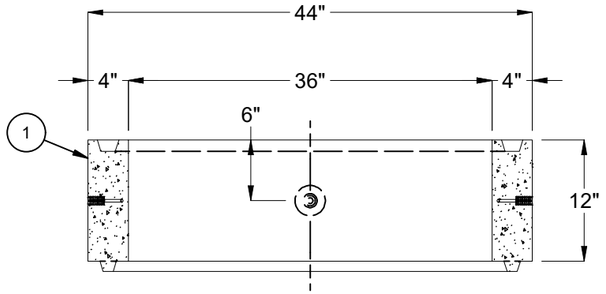
DESIGN NOTES
■ ENCLOSURE DESIGNED IN ACCORDANCE WITH AASHTO HS-20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #34034.
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

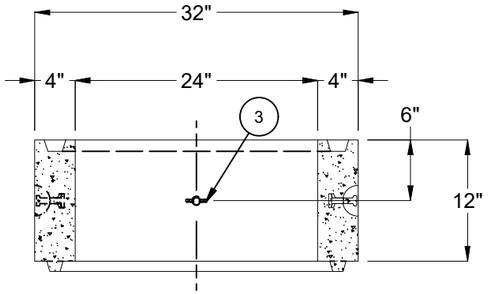
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	3.710 ft^3	3.710 ft^3	100005993	CONCRETE DRYCAST MIX
2	1	3	100002866	ANCHOR DOGBONE P52 2T X 2-3/4" GALV
3	1	2	100002766	INSERT FERRULE LOOP 5/8 X 3-1/2 PLATED FX-5
4	1	2	100017866	REINFORCING LOOP 100017866



PLAN VIEW



SECTION A-A



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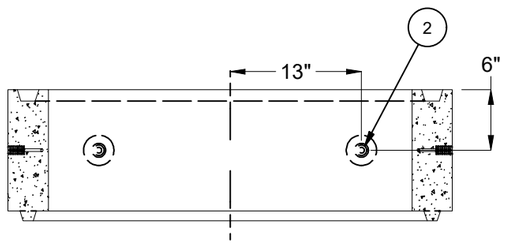
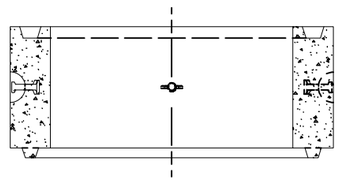


SECTION C-C

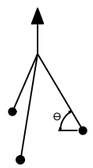


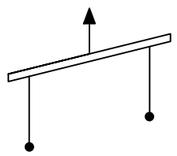
SECTION D-D

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' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	558.89 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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This product shall only be produced in a Jensen Precast facility.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
C-1	REMOVED TAG & REVISED DESCRIPTION	6/12/2024	

DESCRIPTION:	Riser 2436x12 CASTING LAYOUT	REV:	C-1
PART NUMBER:	100012121	DRAWN BY:	J. Prado
CREATED:	7/15/2019	MODIFIED:	6/12/2024
		SHEET:	1 OF 1

100012121.idw