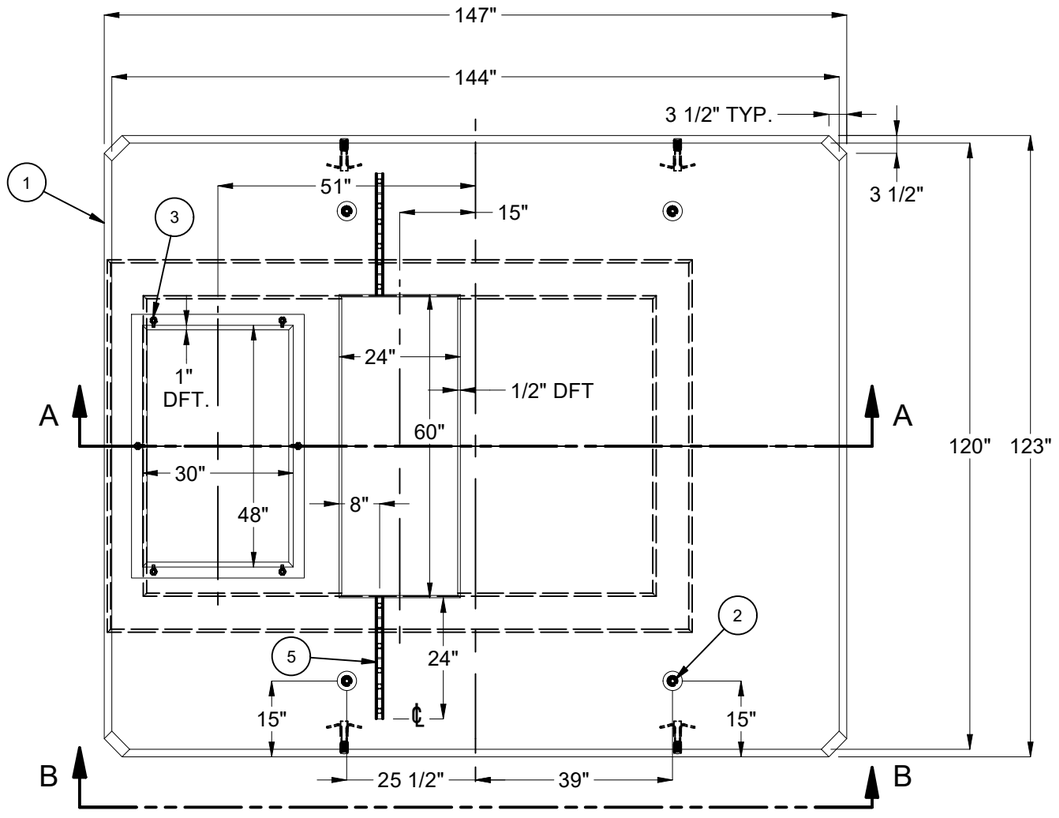
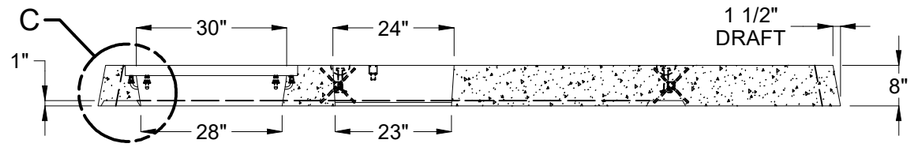
NOTES
■ DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 PSI TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #30500.
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

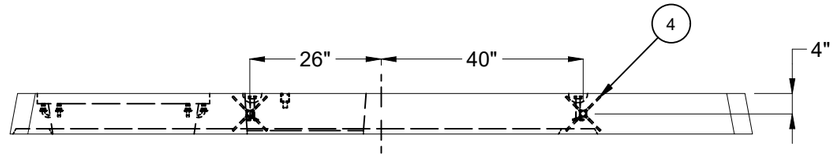
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	66.909 ft^3	66.909 ft^3	100006029	CONCRETE 5500 PSI SCC ED
2	1	4	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV
3	1	6	100008114	INSERT THREADED METAL 1/2-13 UNC 1-1/2 IN OPEN
4	1	4	100008245	Insert Thin Slab Coil 4-Leg 1 x 5.5" Galv (F53 or Equiv.)
5	1	2	100006091	STRUT C-CHANNEL CONCRETE INSERT 1-5/8 X 1-5/8 12GA W/ANCHORS N-3200 24IN GALV
6	1	1	300119728	REINFORCING MAT 300119728



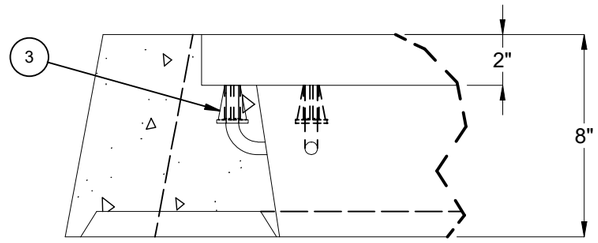
PLAN VIEW



SECTION A-A



ELEVATION B-B

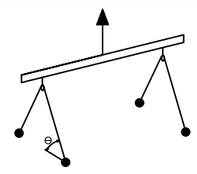


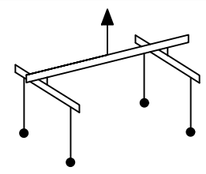
DETAIL C
(INSERT FOR CLEANOUT)

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 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 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	C	DEMOLDING	E





BURY DEPTH:	-0.3' - 0.3' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	10073.47 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-03 (300 psf)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
K-1	ADDED DETAIL FOR INSERT CLEANOUT	3/7/2024	

DESCRIPTION:	Pad 120144x8 30"x48"E Edison UGS SS535, SB-3 CASTING LAYOUT		REV: K-1
PART NUMBER:	200012607	DRAWN BY:	S. Woods
CREATED:	10/11/2018	MODIFIED:	3/7/2024
			SHEET: 1 OF 1

200012607.idw