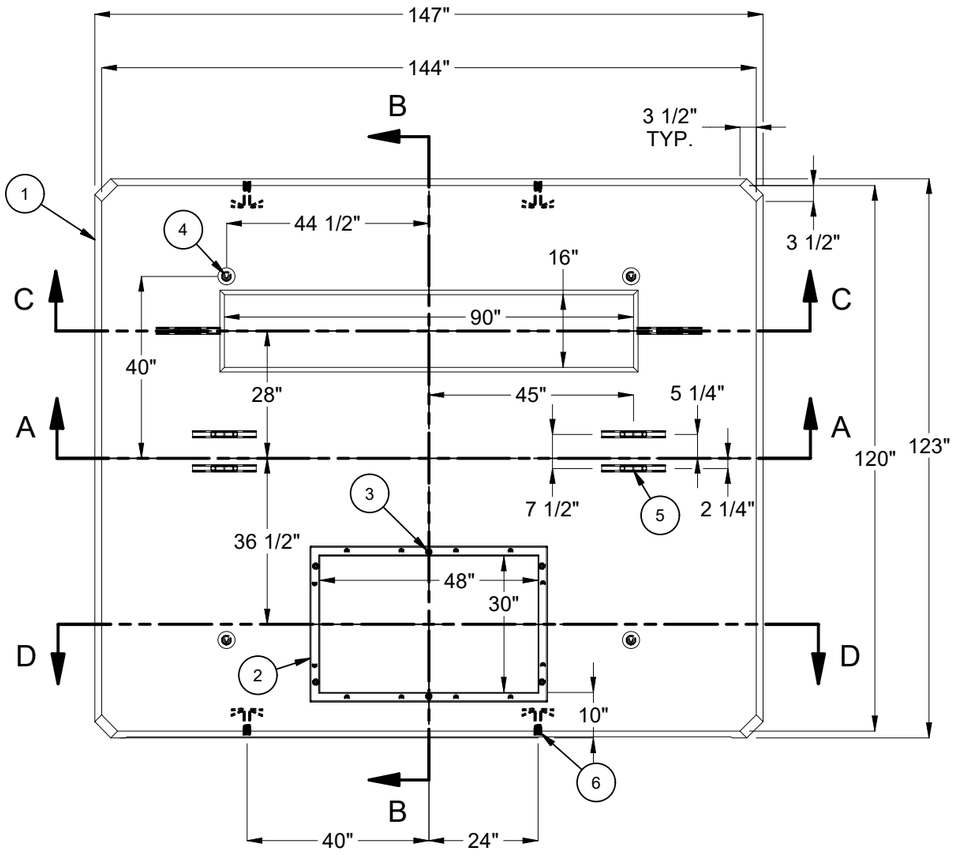
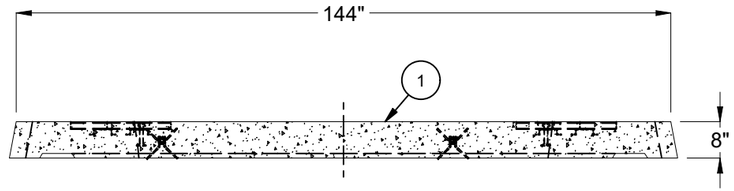
NOTES
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

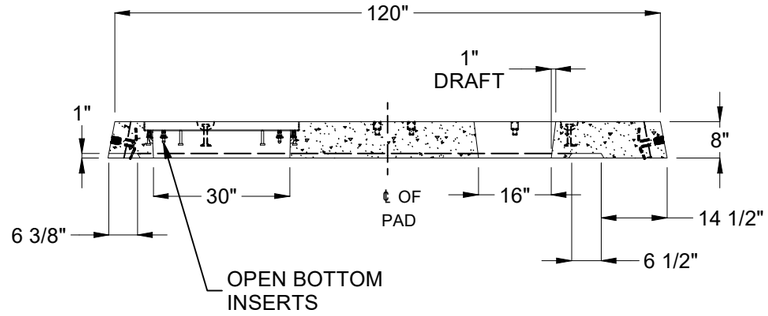
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	65.420 ft^3	65.420 ft^3	100006029	CONCRETE 5500 PSI SCC ED
2	1	1	100006689	FRAME 3048 ANGLE GALV
3	1	6	100008114	INSERT THREADED METAL 1/2-13 UNC 1-1/2 IN OPEN
4	1	4	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV
5	14.000 in	84.000 in	100024619	STRUT C-CHANNEL CONCRETE INSERT 1-5/8 X 1-5/8 12GA W/ANCHORS GALV
6	1	4	100008245	Insert Thin Slab Coil 4-Leg 1 x 5.5" Galv (F53 or Equiv.)
7	1	1	300127208	REINFORCING MAT 300127208



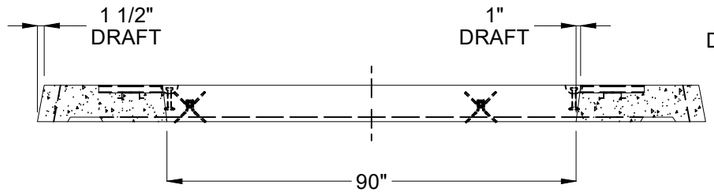
PLAN VIEW



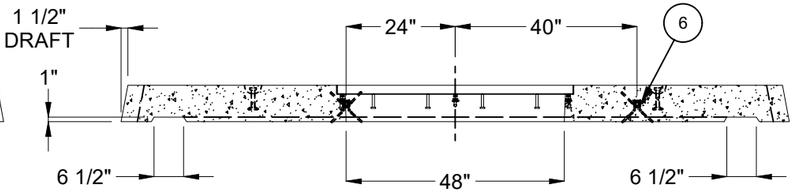
SECTION A-A



SECTION B-B



SECTION C-C

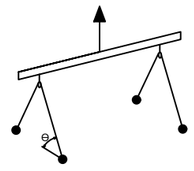


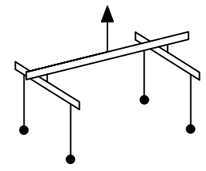
SECTION D-D

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 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:	9891.59 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	UPPDATE INSERT LOC & UPDATE BOM	6/26/2025	

DESCRIPTION:	Pad 120144x8 Edison UGS SS-539 CASTING LAYOUT	REV:	C-1
PART NUMBER:	100012417	DRAWN BY:	D. Mejia
CREATED:	4/1/2021	MODIFIED:	6/26/2025
		SHEET:	1 OF 1

100012417.idw