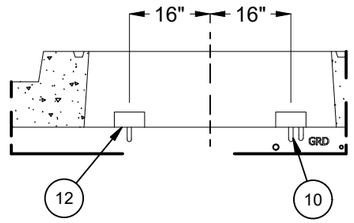
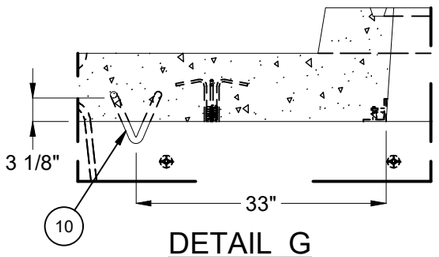
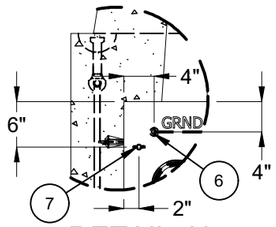
NOTES
■ CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH AS AN ADMIXTURE.
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.
■ STENCIL "GRD" IN RED LETTERS.



DETAIL F



DETAIL G
RESTRAINTS PULL IRONS

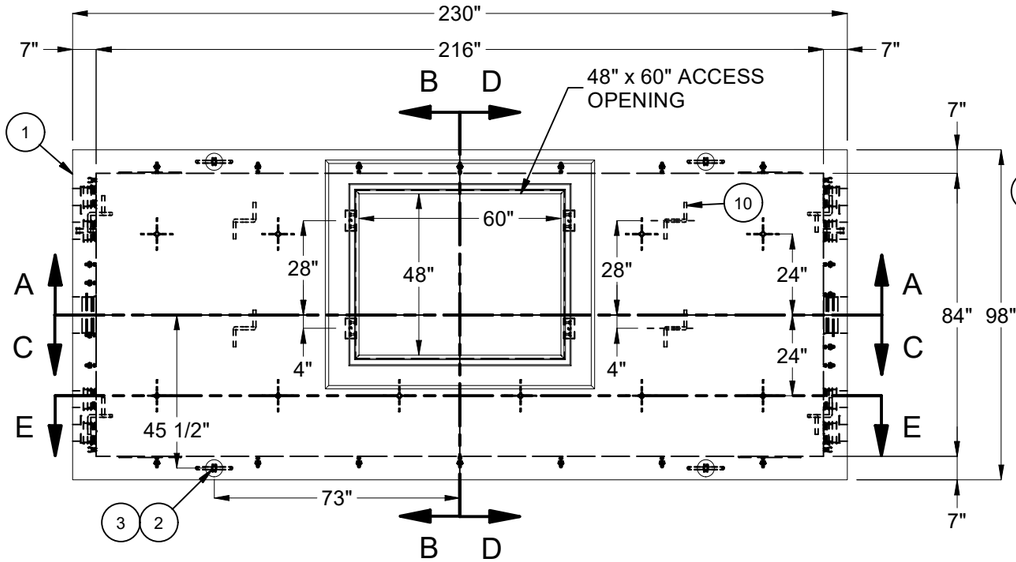


DETAIL H
TYP (4) CORNERS

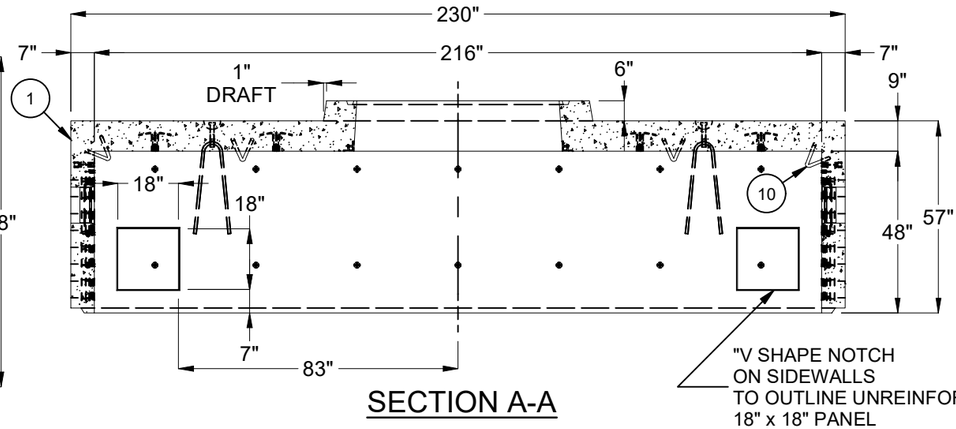
BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	226.195 ft^3	226.195 ft^3	100006029	CONCRETE 5500 PSI SCC ED
2	1	4	100002963	ANCHOR EYE DOGBONE P53 8T X 7-1/16" GALV
3	1	4	100028399	ANCHOR SWIFT LIFT TENSION BAR 8T 2500PSI DAYTON P60
4	1	32	100005936	TERMINATOR DUCT WITH SEAL 5IN T5001
5	1	2	100008215	TERMINATOR DUCT WITH SEAL 10IN
6	1	4	100005932	INSERT GROUND BRONZE BOTTLE ROCKET 1/2-13 UNC WITH 11IN COPPER ROD 12H69
7	1	4	100002777	INSERT FERRULE LOOP 1/2 X 2-3/4 SS FX-5
8	1	40	100012720	INSERT PLASTIC W/ BREAK OFF SNAP 0.5IN
9	1	2	100005715	PIPE SCH 40 1IN PVC W/CAP 6"L
10	1	8	100003026	PULL IRON OFFSET .875DIA 6H X 5W X 10.875L GALV
11	1	10	100008245	INSERT COIL THIN SLAB 4LEG 1 X 5-1/2 GALV CX-24
12	1	4	100013013	ANGLE EMBEDDED SS 3 X 3 X 1/4 X 6 W/3 ANCHORS
13	1	1	300125945	REINFORCING MAT 300125945

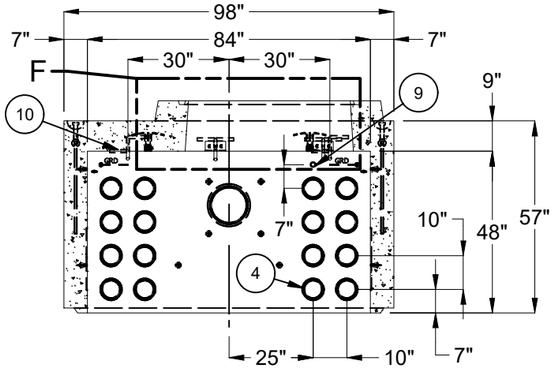
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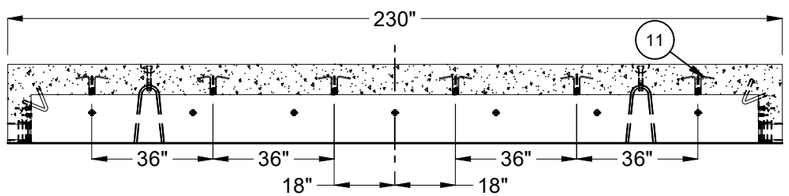
PLAN VIEW



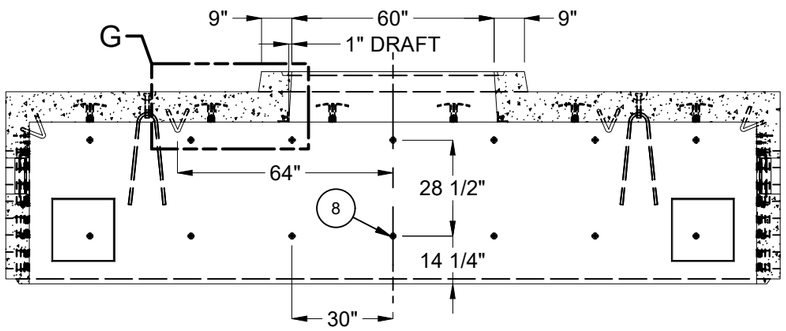
SECTION A-A



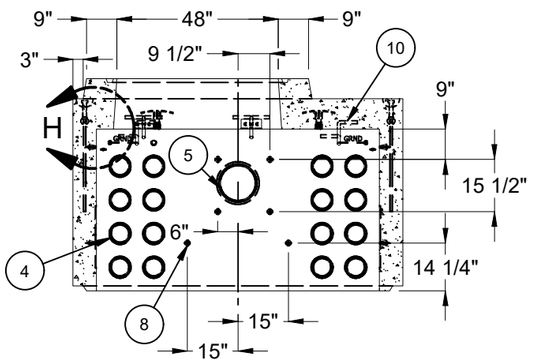
SECTION B-B



SECTION E-E



SECTION C-C



SECTION D-D

LIFTING NOTES
■ 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.
■ 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 90° SLING ANGLE, MEASURED FROM HORIZONTAL.

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B-1	REVISED ANCHOR DOGBONES	11/8/2023	

BURY DEPTH:	0.0' - 4.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	34052.69 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Vault 84216x48 Rect. Top Section 48"x60"E Terminators Edison UGS VA 410-ALT CASTING LAYOUT		REV: B-1
PART NUMBER:	200016374	DRAWN BY:	J. Prado
CREATED:	10/14/2020	MODIFIED:	11/8/2023
			SHEET: 1 OF 1