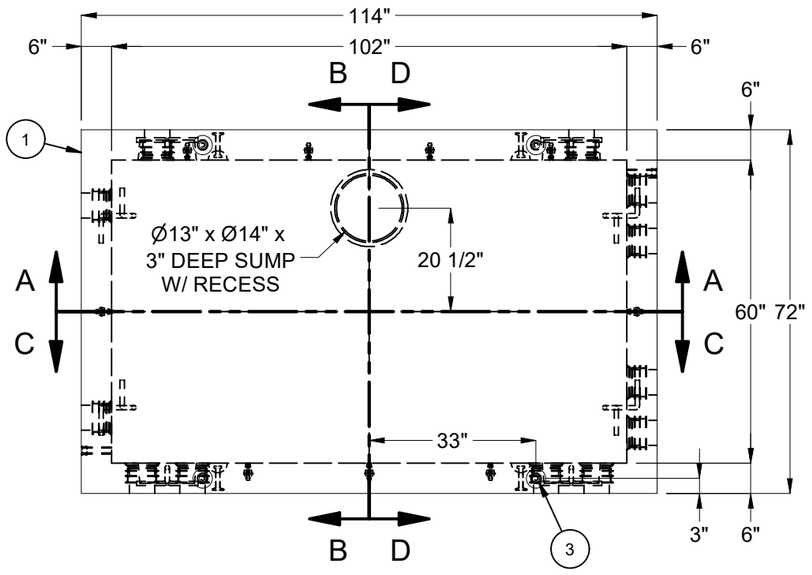
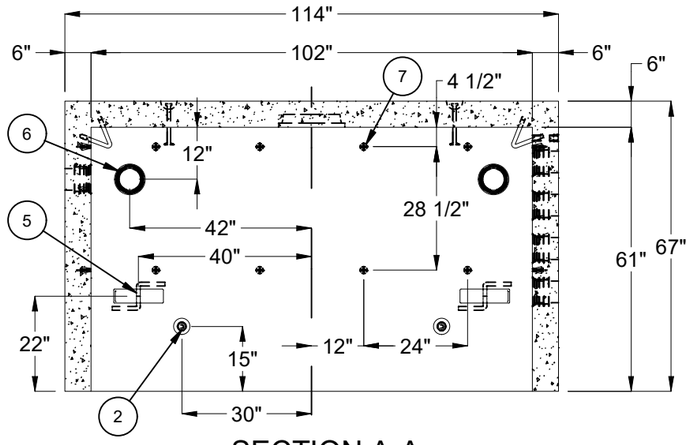
NOTES
■ DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #30500.
■ ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

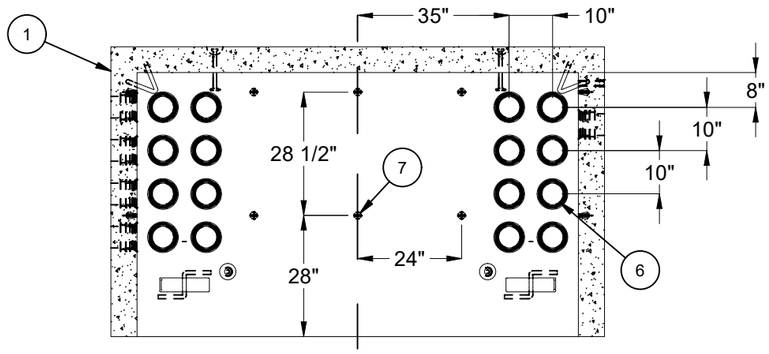
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	98.911 ft^3	98.911 ft^3	100006029	CONCRETE 5500 PSI SCC ED
2	1	4	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV
3	1	4	100002877	ANCHOR DOGBONE P52 4T X 9-1/2" GALV
4	1	4	100003026	PULL IRON OFFSET .875DIA 6H X 5W X 10.875L GALV
5	1	4	100005912	PULL IRON OFFSET .875DIA 3.375 IH X 12.125L X 6.5W GALV
6	1	36	100005936	TERMINATOR DUCT WITH SEAL 5IN T5001
7	1	18	100012720	INSERT PLASTIC W/ BREAK OFF SNAP 0.5IN
8	1	2	100005715	PIPE SCH 40 1IN PVC W/CAP 6"L
9	1	1	300158111	REINFORCING MAT 300158111



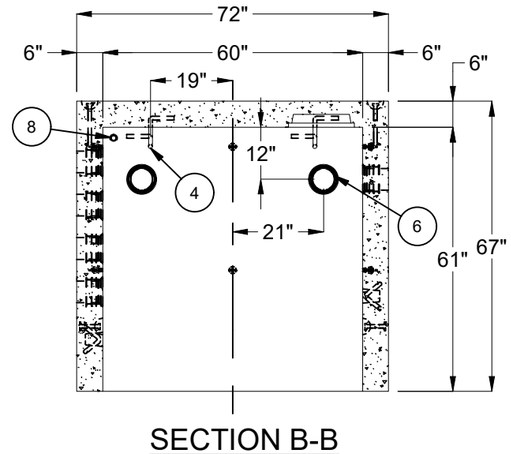
PLAN VIEW



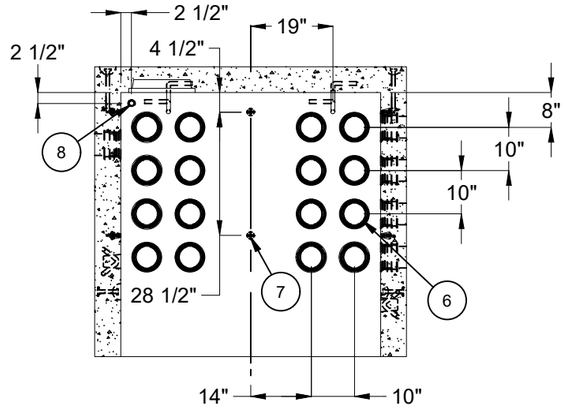
SECTION A-A



SECTION C-C



SECTION B-B

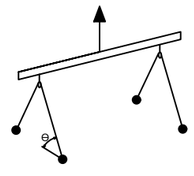


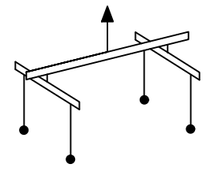
SECTION D-D

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





REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A-1	INITIAL RELEASE	1/27/2025	

BURY DEPTH:	0.4' - 0.4' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	14895.93 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.

DESCRIPTION:	Vault 60102x61 Rect. Bottom Section Terminators Sump Moreno Valley CASTING DRAWING		REV: A-1
PART NUMBER:	200097229	DRAWN BY:	S. Rodarte
CREATED:	1/17/2025	MODIFIED:	1/27/2025
			SHEET: 1 OF 1

200097229.idw