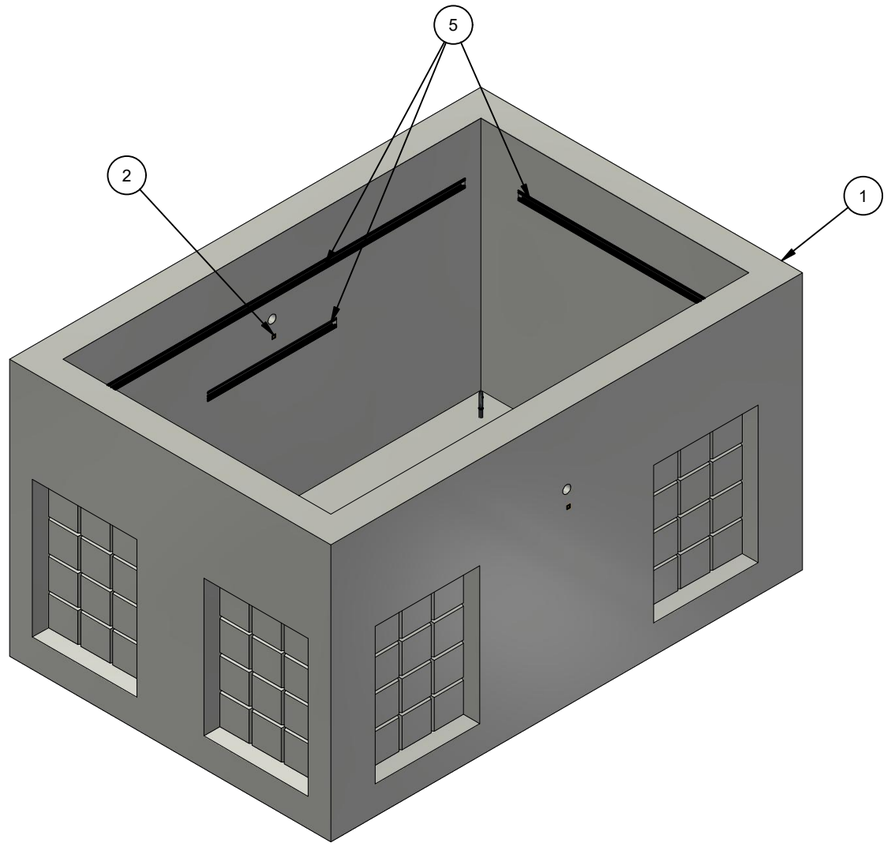
NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	42.300 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	4	100005933	GROUND INSERTS BOTTLE ROCKET BRASS 1/2X16 STEEL ROD 12G69
3	4	100037074	PULL IRON .5DIA 6 OH X 3W GALV XXX VALLEY NUTBOLT
4	4	100034833	ANCHOR RAPID LIFT TECH 2.5T CLUTCH 2.4375IN LONG MB RL-25
5	264.0000 in	100022114	STRUT C-CHANNEL 13/16 X 1-5/8 16GA SOLID GALV SHALLOW W-400/P4000
6	1	300150797	REINFORCING MAT 300150797



ISO LAYOUT

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 60° SLING ANGLE, MEASURED FROM HORIZONTAL.
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3750 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.

BURY DEPTH:	0.0' - 2.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	6394.85 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	6/30/2022	JW

DESCRIPTION: Vault 5078x44 Rect. Bottom Section Knockout Sump

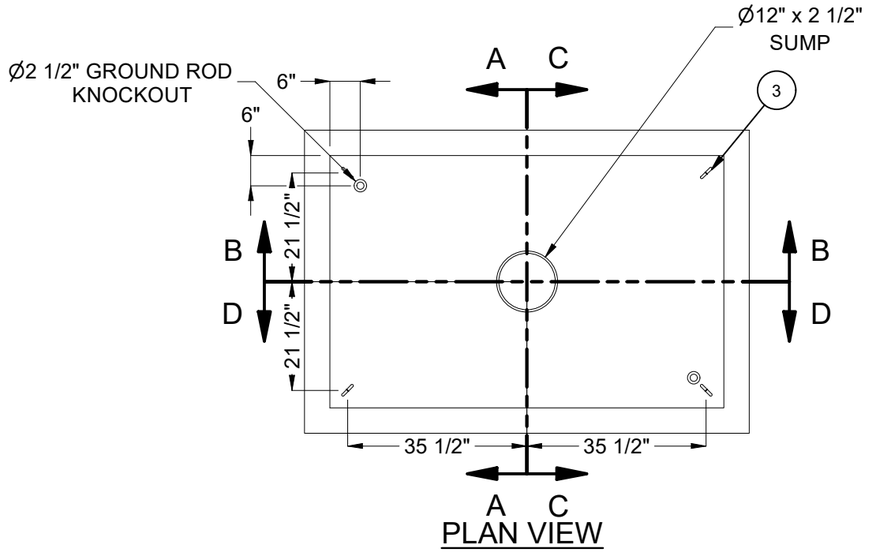
CASTING LAYOUT

REV: A-1

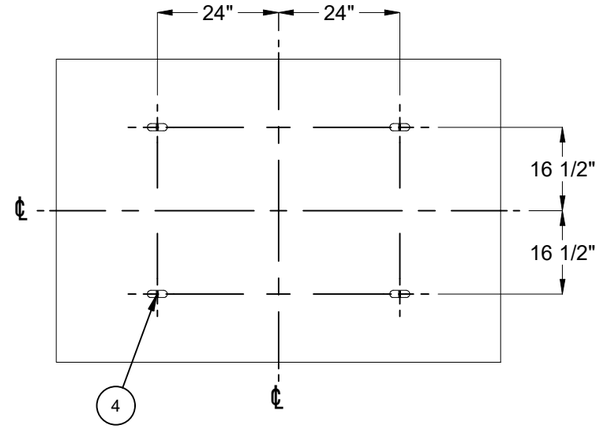
PART NUMBER:	200066291	DRAWN BY:	J. Warren
CREATED:	4/19/2018	MODIFIED:	6/30/2022

SHEET: 1 OF 2

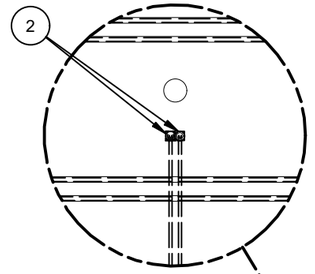
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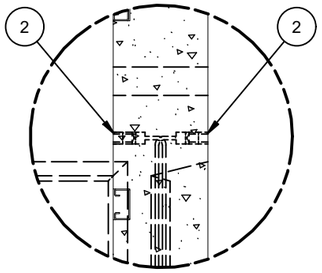
PLAN VIEW



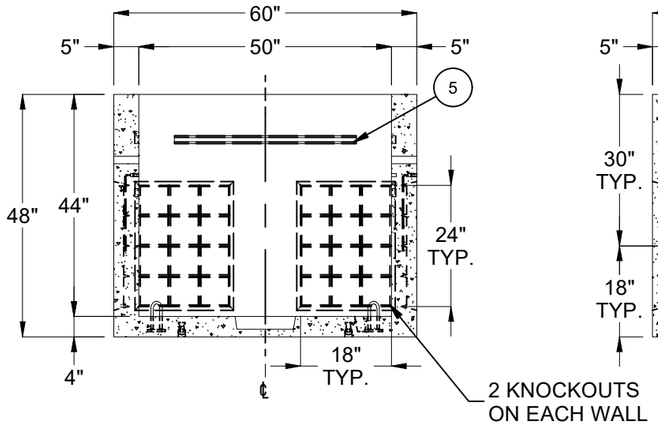
PLAN VIEW
(SHOWING DEMOLDING LIFTER)



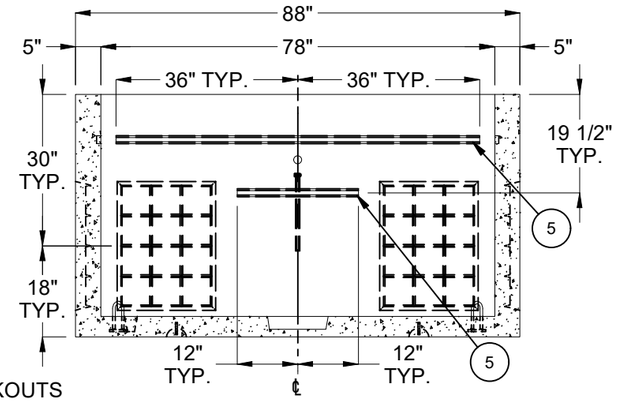
DETAIL E
(SHOWING BOTTLE ROCKETS)



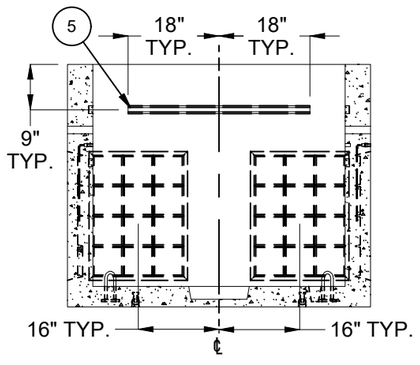
DETAIL F
(SHOWING BOTTLE ROCKET SIDE VIEW)



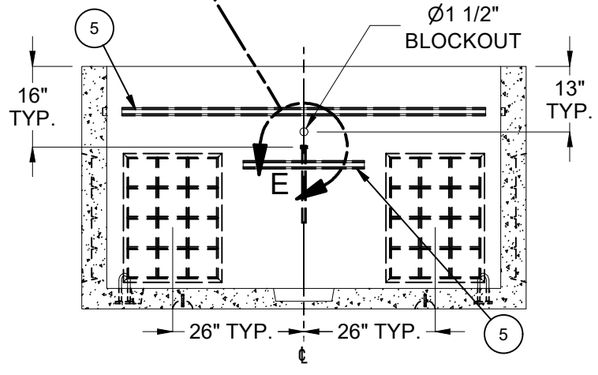
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 2.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	6394.85 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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DESCRIPTION:	Vault 5078x44 Rect. Bottom Section Knockout Sump CASTING DRAWING		
PART NUMBER:	200066291	DRAWN BY:	J. Warren
CREATED:	4/19/2018	MODIFIED:	6/30/2022

REV:	A-1
SHEET:	2 OF 2

200066291.idw