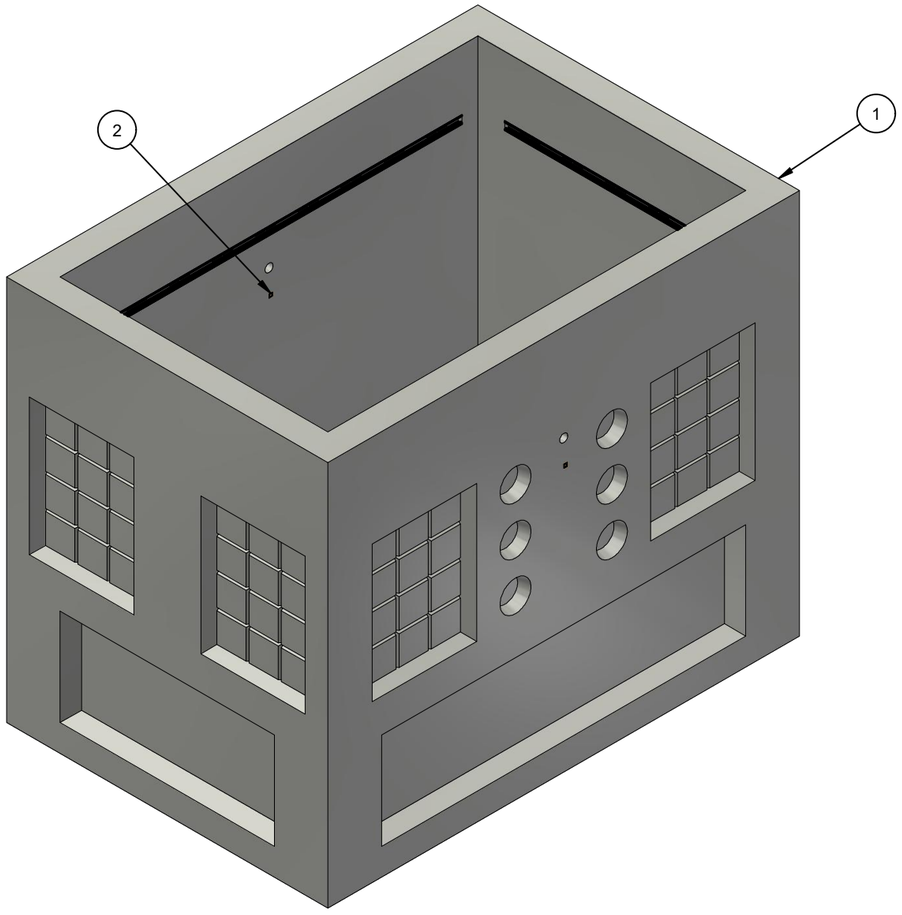
NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	55.000 ft^3	100011425	CONCRETE MIX GENERIC 5000 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	2	100042530	STRUT C-CHANNEL CONCRETE INSERT 1-5/8 X 13/16 14GA W/ANCHORS 304SS - 72IN
6	2	100042529	STRUT C-CHANNEL CONCRETE INSERT 1-5/8 X 13/16 14GA W/ANCHORS 304SS - 40IN
7	1	300153009	REINFORCING MAT 300153009



ISO LAYOUT

200075251.idw

LIFTING NOTES
■ DEMOLDING: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3500 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 3500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.

REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
1	PRELIMINARY SUBMITTAL	5/2/2023	ACHO

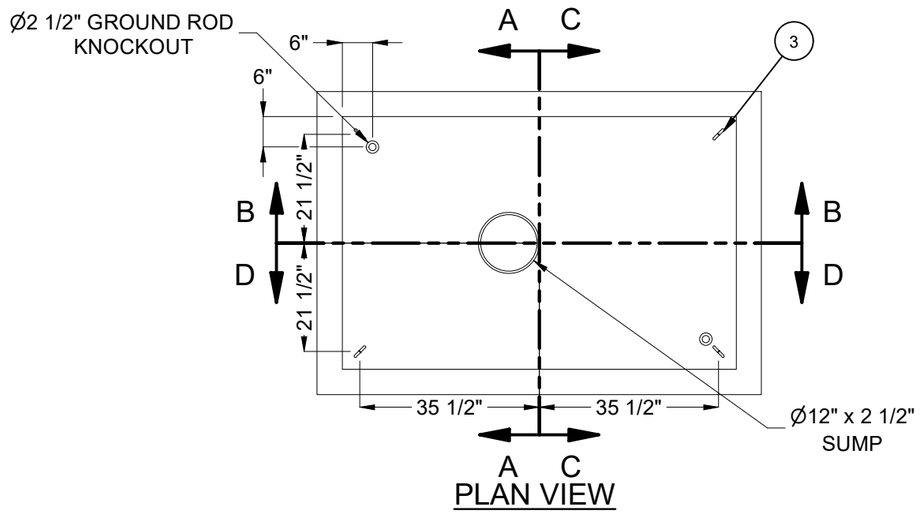
BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	8306.04 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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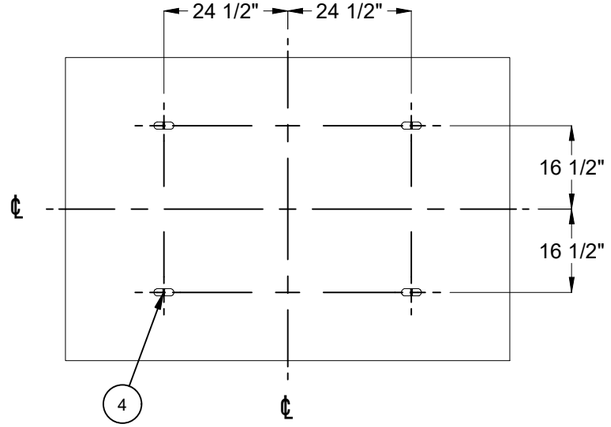
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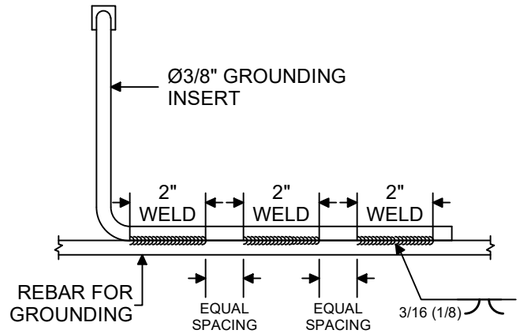
DESCRIPTION:	Vault 5078x68 Rect. Bottom Section Knockout Sump CASTING LAYOUT		REV: A-1
PART NUMBER:	200075251	DRAWN BY:	A.Cho
CREATED:	4/19/2018	MODIFIED:	5/26/2023
			SHEET: 1 OF 2



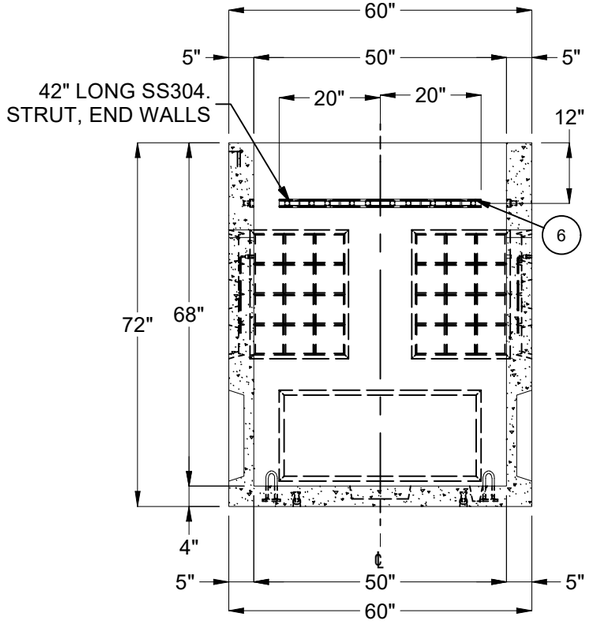
PLAN VIEW



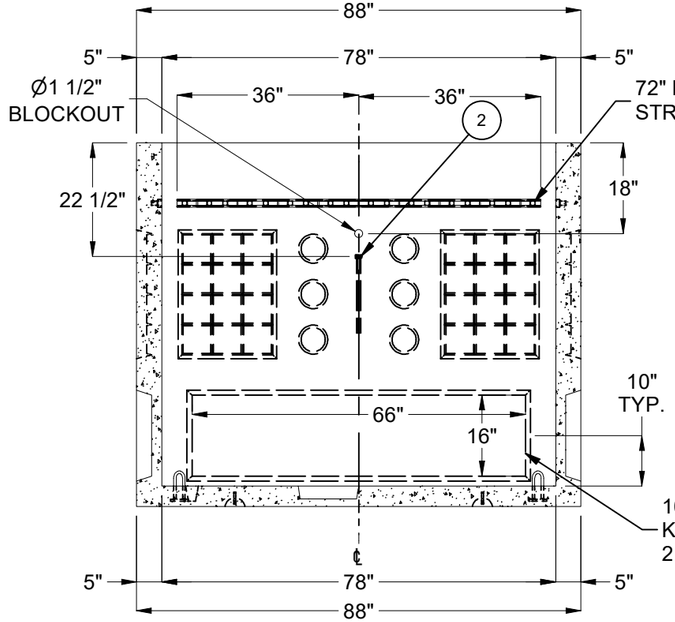
PLAN VIEW
(SHOWING DEMOLDING LIFTER)



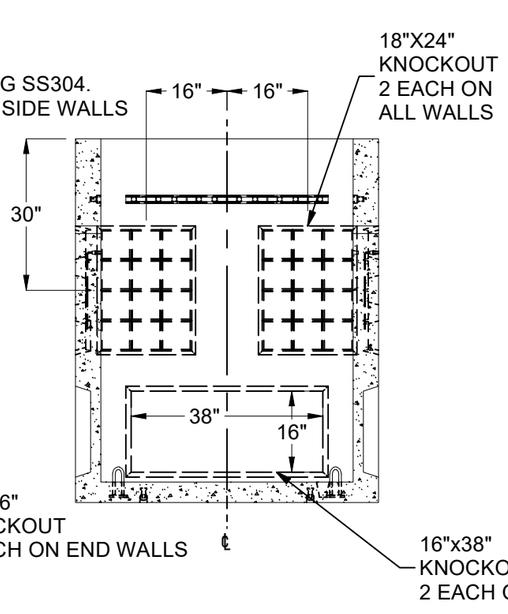
CONNECTION DETAIL
PSE STANDARD



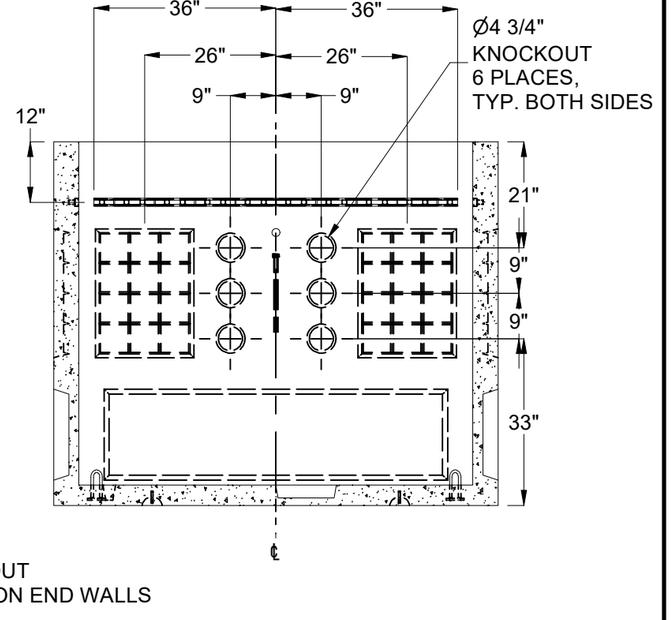
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 1.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	8306.04 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

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DESCRIPTION:	Vault 5078x68 Rect. Bottom Section Knockout Sump CASTING DRAWING		REV: A-1
PART NUMBER:	200075251	DRAWN BY:	A.Cho
CREATED:	4/19/2018	MODIFIED:	5/26/2023
			SHEET: 2 OF 2

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