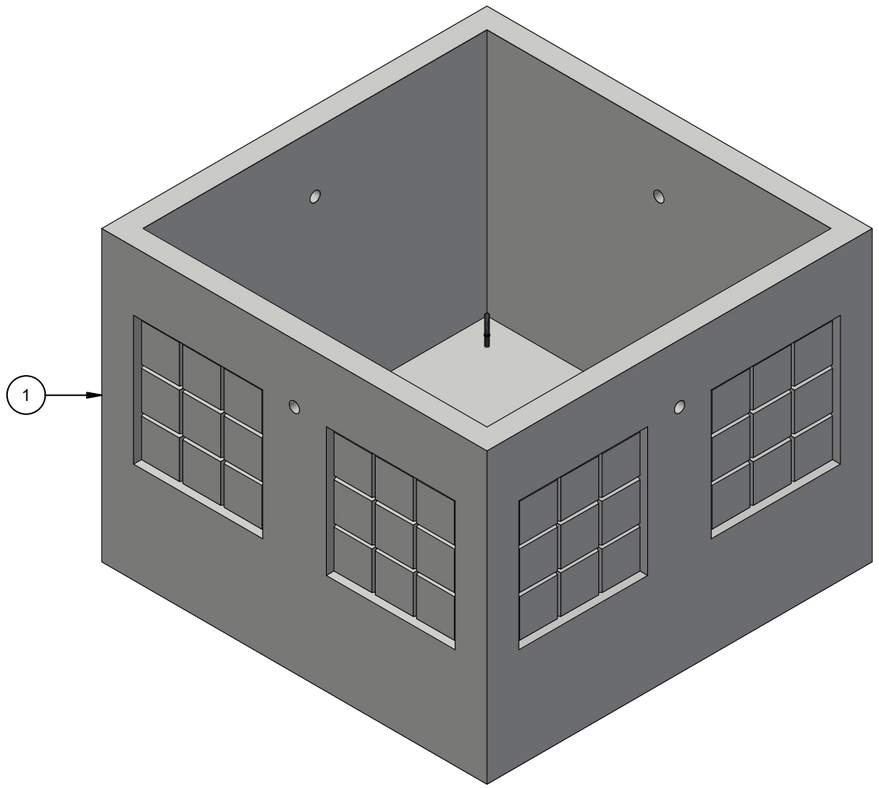
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	23.061 ft^3	23.061 ft^3	100011425	CONCRETE MIX 5000 PSI
2	1	1	300129830	REINFORCING MAT 300129830
3	1	4	100037074	PULL IRON .5DIA 6 OH X 3W GALV XXX VALLEY NUTBOLT
4	1	4	100034833	ANCHOR RAPID LIFT TECH 2.5T CLUTCH 2.4375IN LONG MB RL-25

400010537.idw



ISO LAYOUT

LIFTING NOTES
■ DEMOLDING: MINIMUM CONCRETE STRENGTH F'c = 2500 PSI WITH 4 CONNECTION POINTS AND RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 2 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90°
■ HANDLING: MINIMUM CONCRETE STRENGTH F'c = 2500 PSI WITH 4 CONNECTION POINTS AND RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 4 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90°

CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	3/24/2022	JW

BURY DEPTH:	0.0' - 0.5' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	3478.9 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

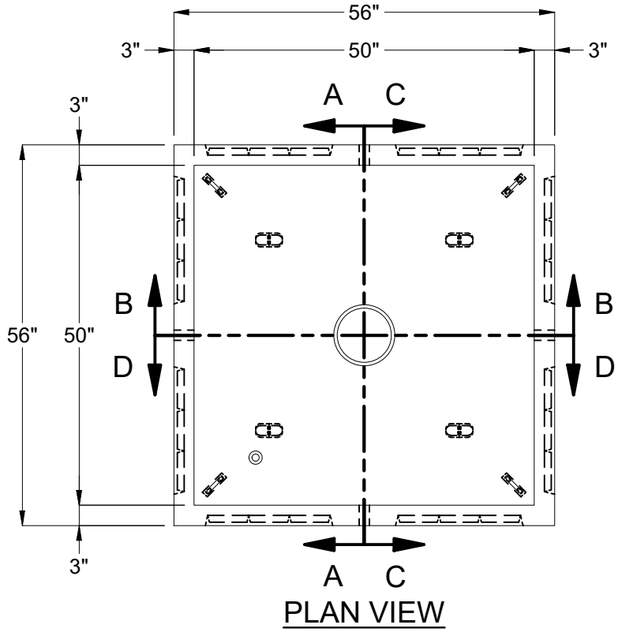
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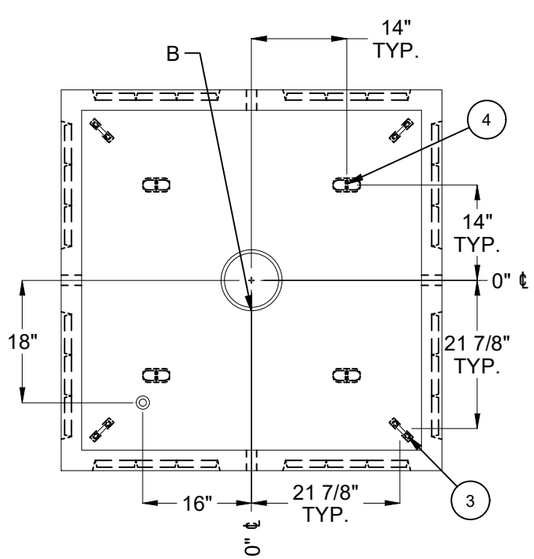
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DESCRIPTION:	Vault 5050x36 Rect. Bottom Section Knockout CASTING LAYOUT		REV: A-2
PART NUMBER:	400010537	DRAWN BY:	J. Warren
CREATED:	3/15/2022	MODIFIED:	3/24/2022
			SHEET: 1 OF 2

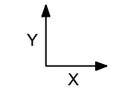
FEATURES		
ID	DESCRIPTION	QTY
A	18"(X) x 18"(Y) x 1 1/2" Deep Knockout	8
B	Ø8" x 2 1/2" Deep Sump	1



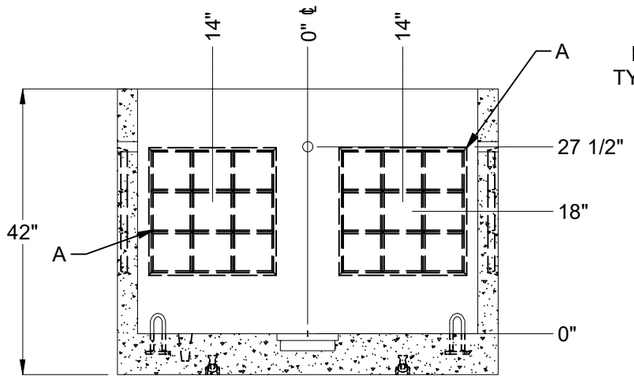
PLAN VIEW



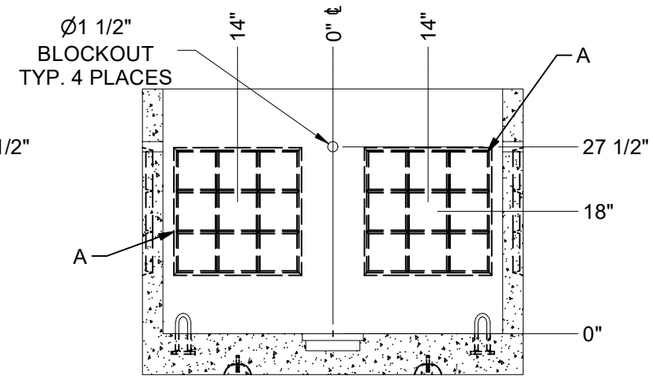
PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



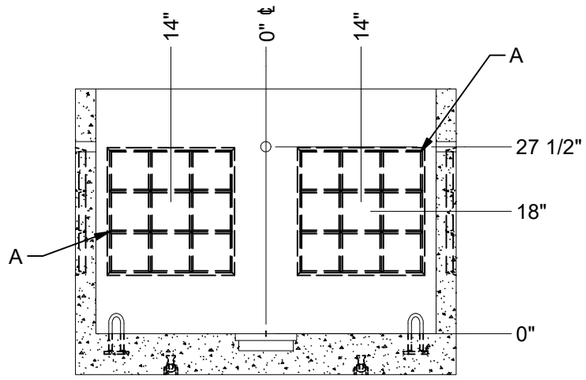
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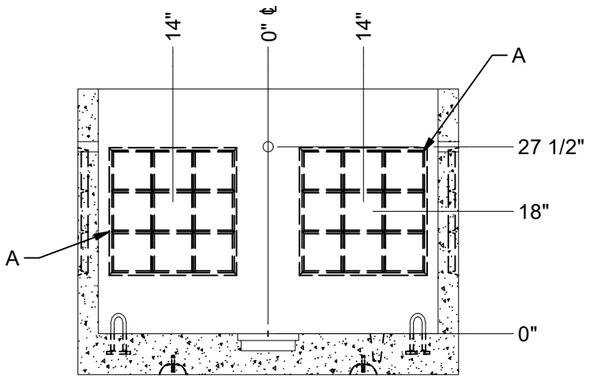
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 0.5' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	3478.9 Lbs
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Vault 5050x36 Rect. Bottom Section Knockout CASTING DRAWING		REV: A-2
PART NUMBER:	400010537	DRAWN BY:	J. Warren
CREATED:	3/15/2022	MODIFIED:	3/24/2022
			SHEET: 2 OF 2