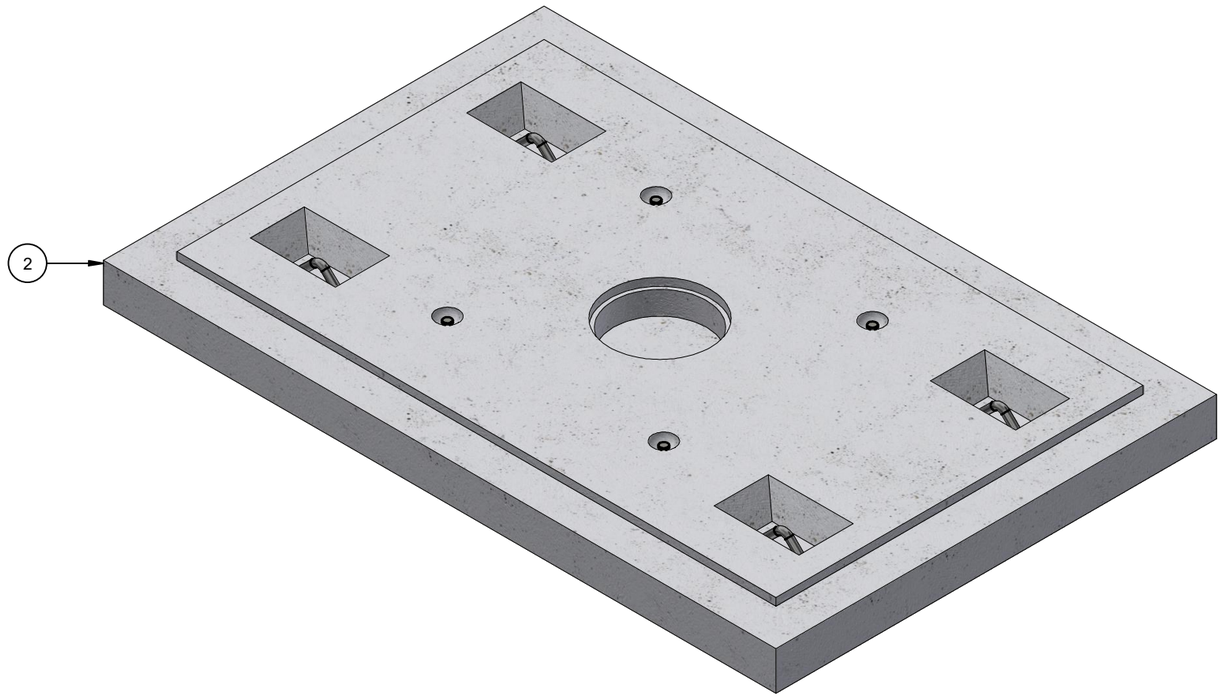
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	1	400014465	REINFORCING MAT 400014465
2	15.781 ft^3	15.781 ft^3	100011425	CONCRETE MIX 5000 PSI
3	1	4	100002867	ANCHOR DOGBONE P52 2T X 3-3/8" GALV
4	1	4	100004660	PULL IRON OFFSET B783519 3.5H X 19L X.875DIA GALV

100013675.idw



ISO LAYOUT

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

BURY DEPTH:	3.3' - 4.3' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	2595.39 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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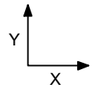
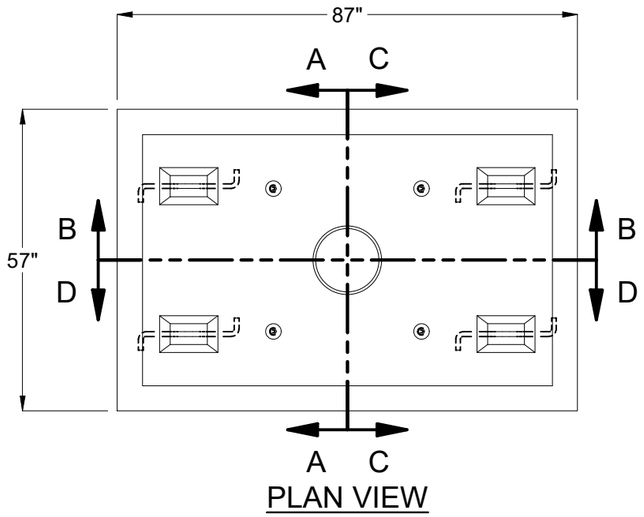
CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	3/15/2023	J.R.
2			
3			

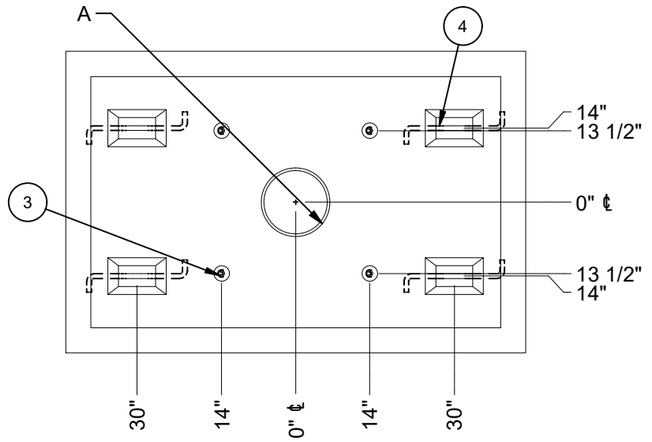
DESCRIPTION:	Vault 4878x6 Slab Bottom Sump CASTING LAYOUT		REV: A-5
PART NUMBER:	100013675	DRAWN BY:	J. Ramirez
CREATED:	2/24/2023	MODIFIED:	3/23/2023
			SHEET: 1 OF 2

FEATURES		
ID	DESCRIPTION	QTY
A	Ø12" x 4" Deep Sump	1

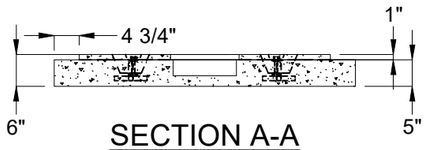




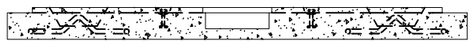
PLAN VIEW



PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



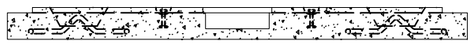
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	3.3' - 4.3' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	2595.39 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 4878x6 Slab Bottom Sump CASTING DRAWING		REV: A-5
PART NUMBER:	100013675	DRAWN BY:	J. Ramirez
CREATED:	2/24/2023	MODIFIED:	3/23/2023
			SHEET: 2 OF 2

100013675.idw