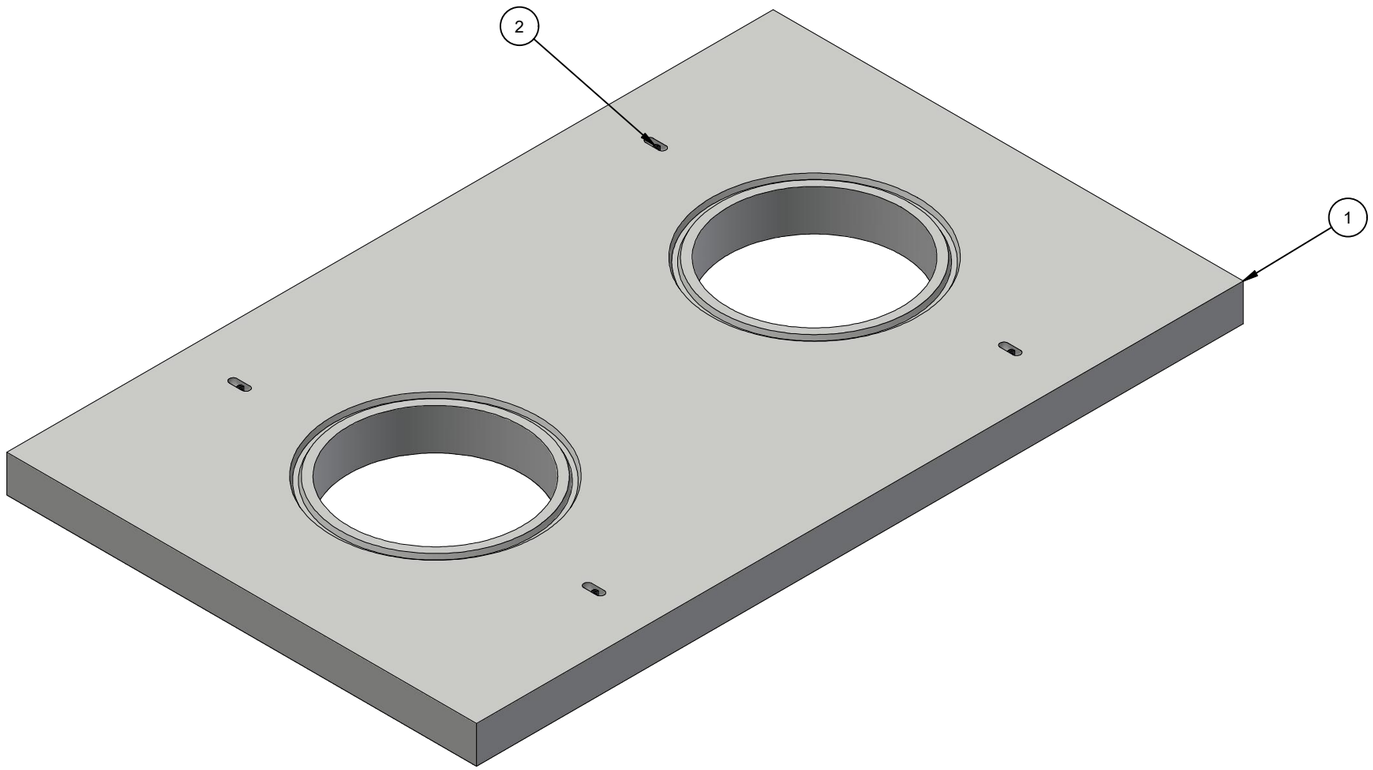
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	103.357 ft^3	103.357 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	1	4	100039351	ANCHOR RAPID LIFT TECH 5T CLUTCH 5.4375IN LONG MB RL-25
3	1	6	100040738	GROUND INSERT BOTTLE ROCKET 1/2-13 BRONZE w/ 0.375x36" STEEL ROD
4	1	4	100002766	INSERT FERRULE LOOP 5/8 X 3-1/2 PLATED FX-5
5	1	1	300153504	REINFORCING MAT 300153504
6	1	1	300153600	REINFORCING MAT 300153600



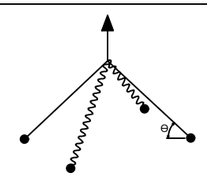
ISO VIEW

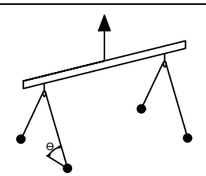
200074897.idw

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 70° 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 60° 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	B	DEMOLDING	C





BURY DEPTH:	0.5' - 1.5' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	15565.71 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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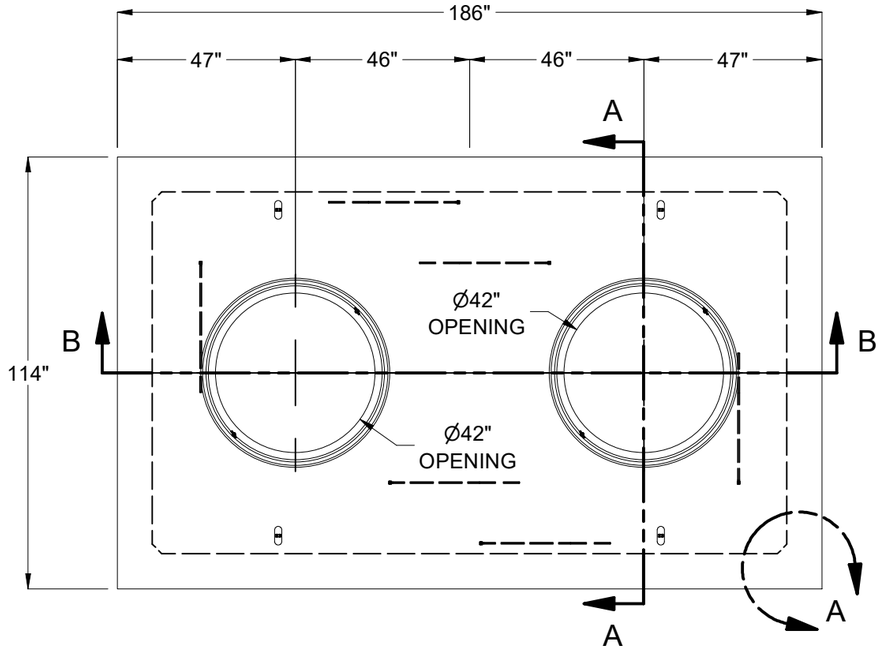
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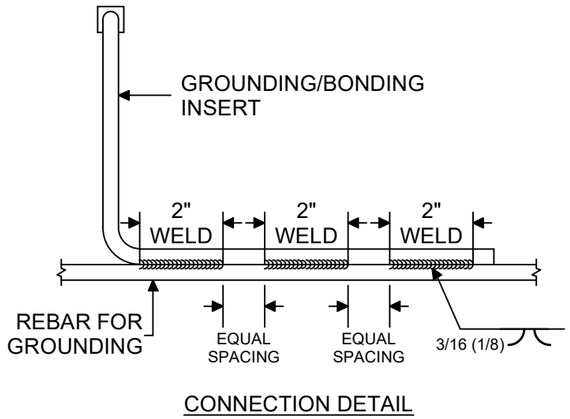
CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
A	DRAWING CREATED	4/17/2023	E.Fine

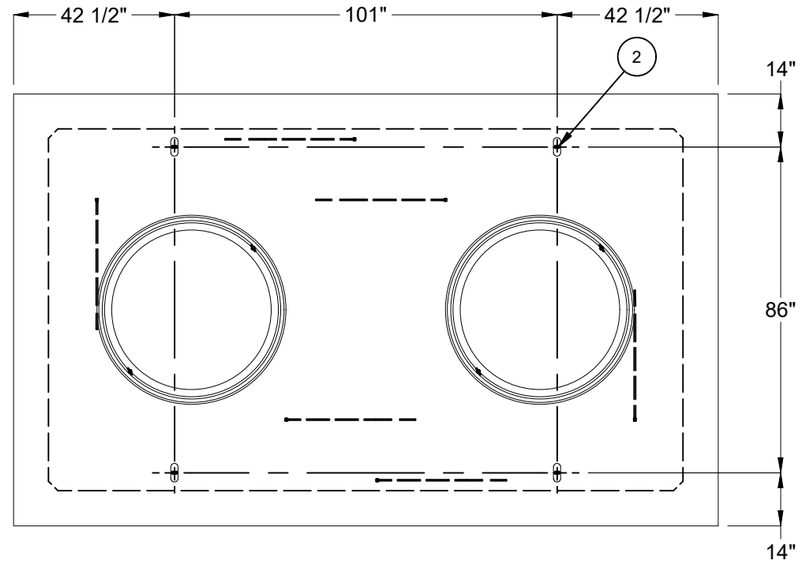
DESCRIPTION:	Vault 96168x10 Slab Top 42"E, 42"E CASTING LAYOUT	REV:	A-10
PART NUMBER:	200074897	DRAWN BY:	E.Fine
CREATED:	4/17/2023	MODIFIED:	7/3/2024
		SHEET:	1 OF 3



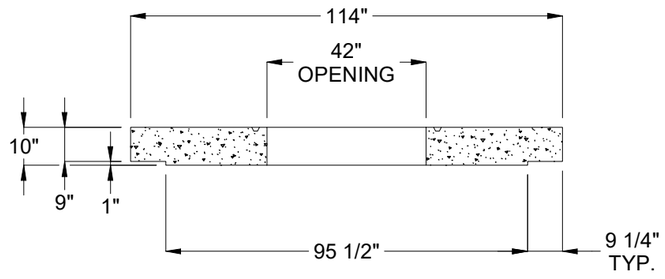
PLAN VIEW



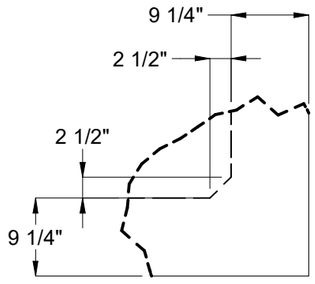
CONNECTION DETAIL



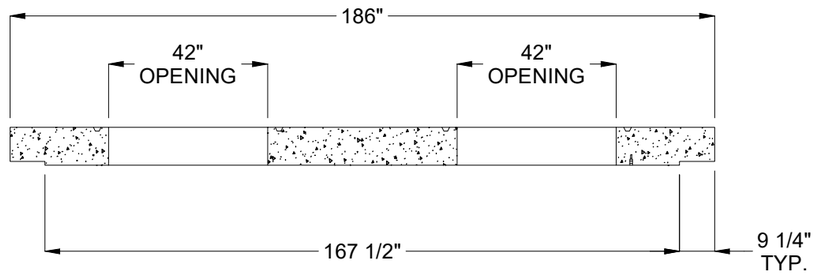
PLAN VIEW
(SHOWING LIFTING)



SECTION A-A



DETAIL A
(TOP SLAB JOINT CHAMFER)



SECTION B-B

BURY DEPTH:	0.5' - 1.5' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	15565.71 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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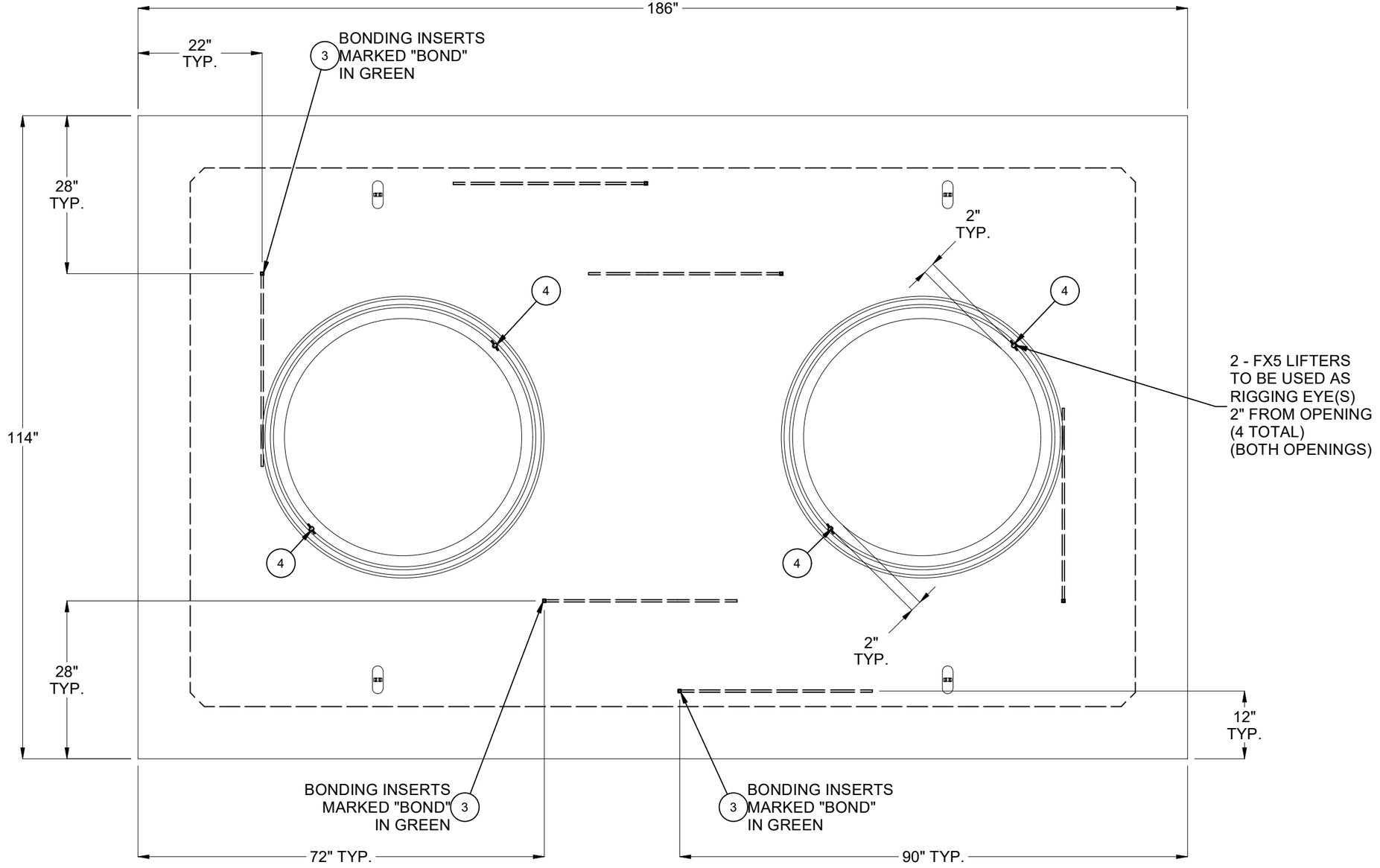
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DESCRIPTION:	Vault 96168x10 Slab Top 42"E, 42"E CASTING DRAWING		REV: A-10
PART NUMBER:	200074897	DRAWN BY:	E.Fine
CREATED:	4/17/2023	MODIFIED:	7/3/2024

SHEET: 2 OF 3

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PLAN VIEW
(SHOWING OBJECT DIMENSIONS)

BURY DEPTH:	0.5' - 1.5' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	15565.71 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 96168x10 Slab Top 42"E, 42"E CASTING DRAWING		REV: A-10
PART NUMBER:	200074897	DRAWN BY:	E.Fine
CREATED:	4/17/2023	MODIFIED:	7/3/2024
			SHEET: 3 OF 3

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