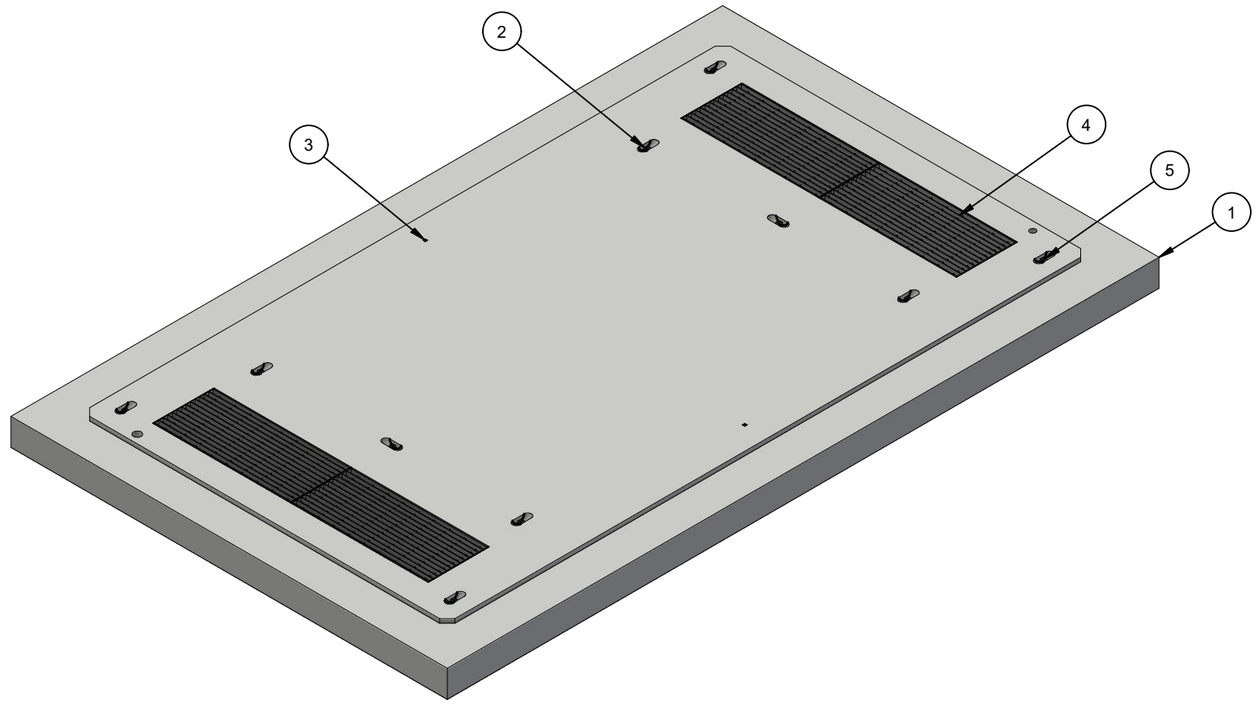
DESIGN NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

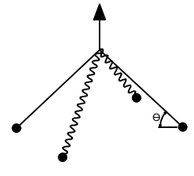
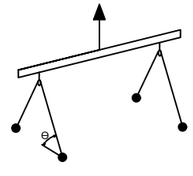
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	90.444 ft^3	90.444 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	1	10	100040445	ANCHOR RAPID LIFT TECH 5T CLUTCH 4.4375IN LONG MB RL-25
3	1	2	100041375	GROUND INSERT BOTTLE ROCKET 1/2-13 BRONZE w/ 0.375x16" STEEL ROD
4	1	4	100041711	GRATE 1636 STEEL GALV 19-W-4 GRATING PACIFIC
5	1	4	100039351	ANCHOR RAPID LIFT TECH 5T CLUTCH 5.4375IN LONG MB RL-25
6	1	1	300153549	REINFORCING MAT 300153549
7	1	1	300153602	REINFORCING MAT 300153602

200074904.idw



ISO LAYOUT

LIFTING NOTES
■ INSTALLATION: THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 6500 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 LIFTING POINTS AT A MINIMUM 75° SLING ANGLE, MEASURED FROM HORIZONTAL.
■ 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.
*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
			

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

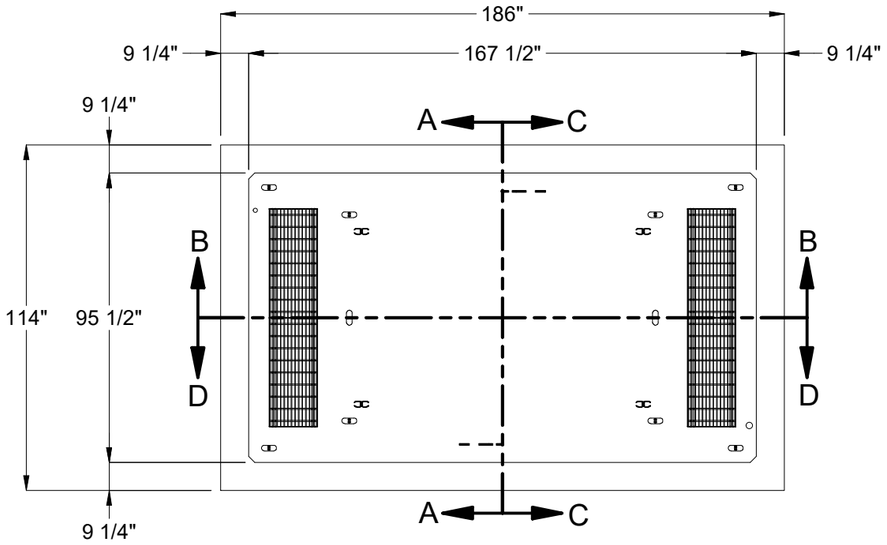
BURY DEPTH:	9.2' - 10.2' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	13823.59 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

JENSEN PRECAST EST. 1968

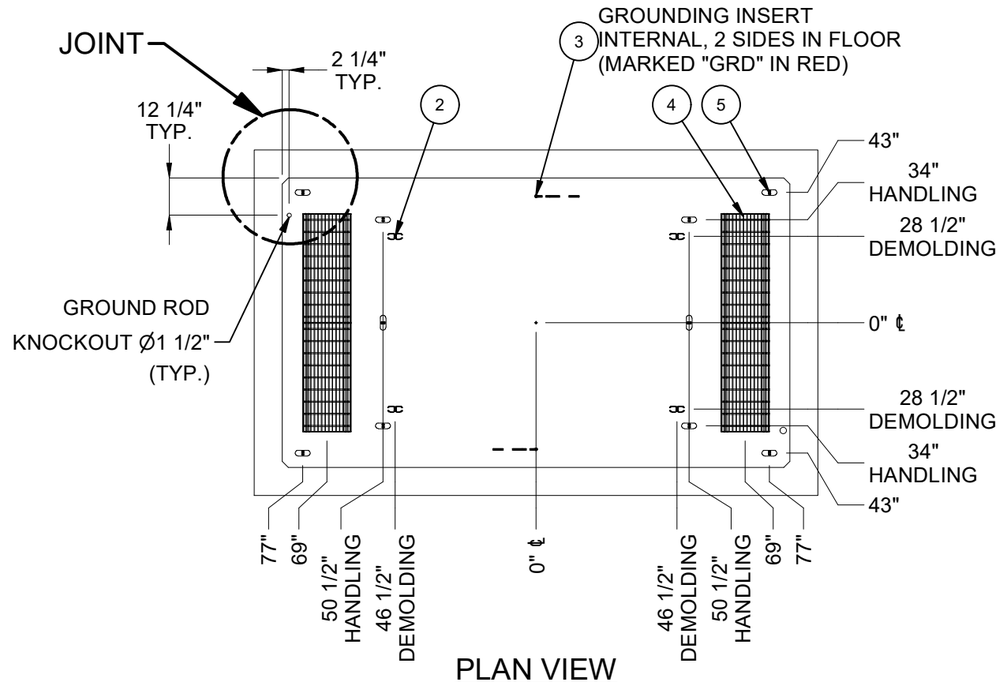
WWW.JENSENPRECAST.COM

©2024 Jensen Precast- All rights reserved.
All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.

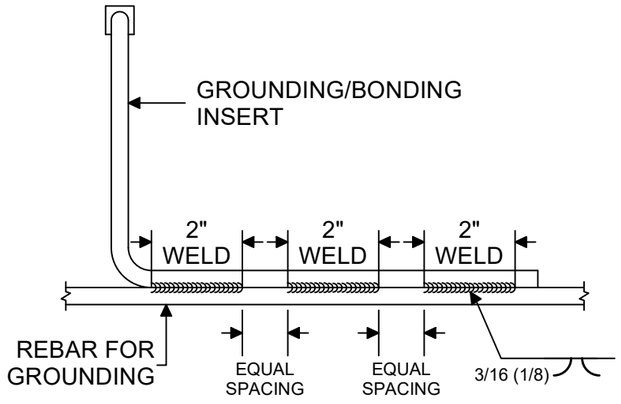
DESCRIPTION:	Vault 96168x8 Slab Bottom Sump CASTING LAYOUT		REV: A-13
PART NUMBER:	200074904	DRAWN BY:	E.Fine
CREATED:	4/17/2023	MODIFIED:	7/3/2024
			SHEET: 1 OF 2



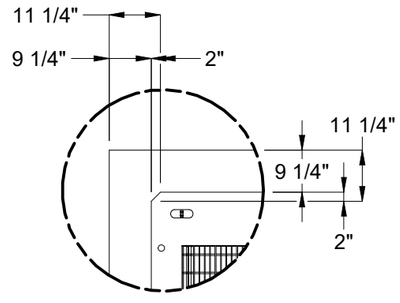
PLAN VIEW



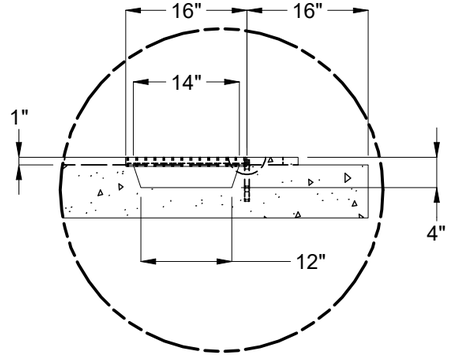
PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



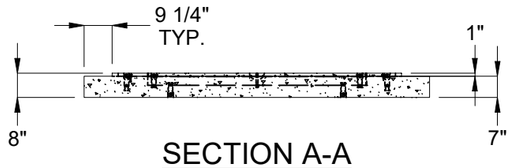
CONNECTION DETAIL



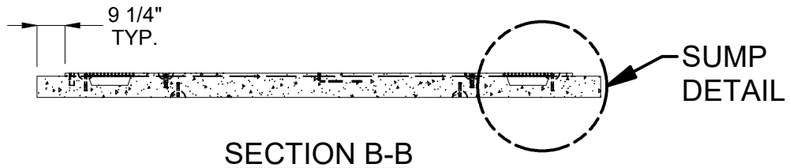
DETAIL JOINT



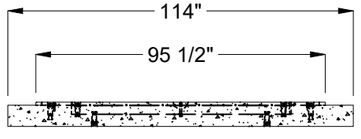
DETAIL SUMP



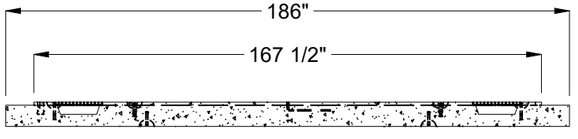
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	9.2' - 10.2' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	13823.59 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

JENSEN PRECAST EST. 1968
WWW.JENSENPRECAST.COM

©2024 Jensen Precast- All rights reserved.
All materials appearing as Jensen Precast documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Precast, any use of Jensen Precast work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action.

DESCRIPTION:	Vault 96168x8 Slab Bottom Sump CASTING DRAWING		REV: A-13
PART NUMBER:	200074904	DRAWN BY:	E.Fine
CREATED:	4/17/2023	MODIFIED:	7/3/2024

SHEET: 2 OF 2

200074904.idw