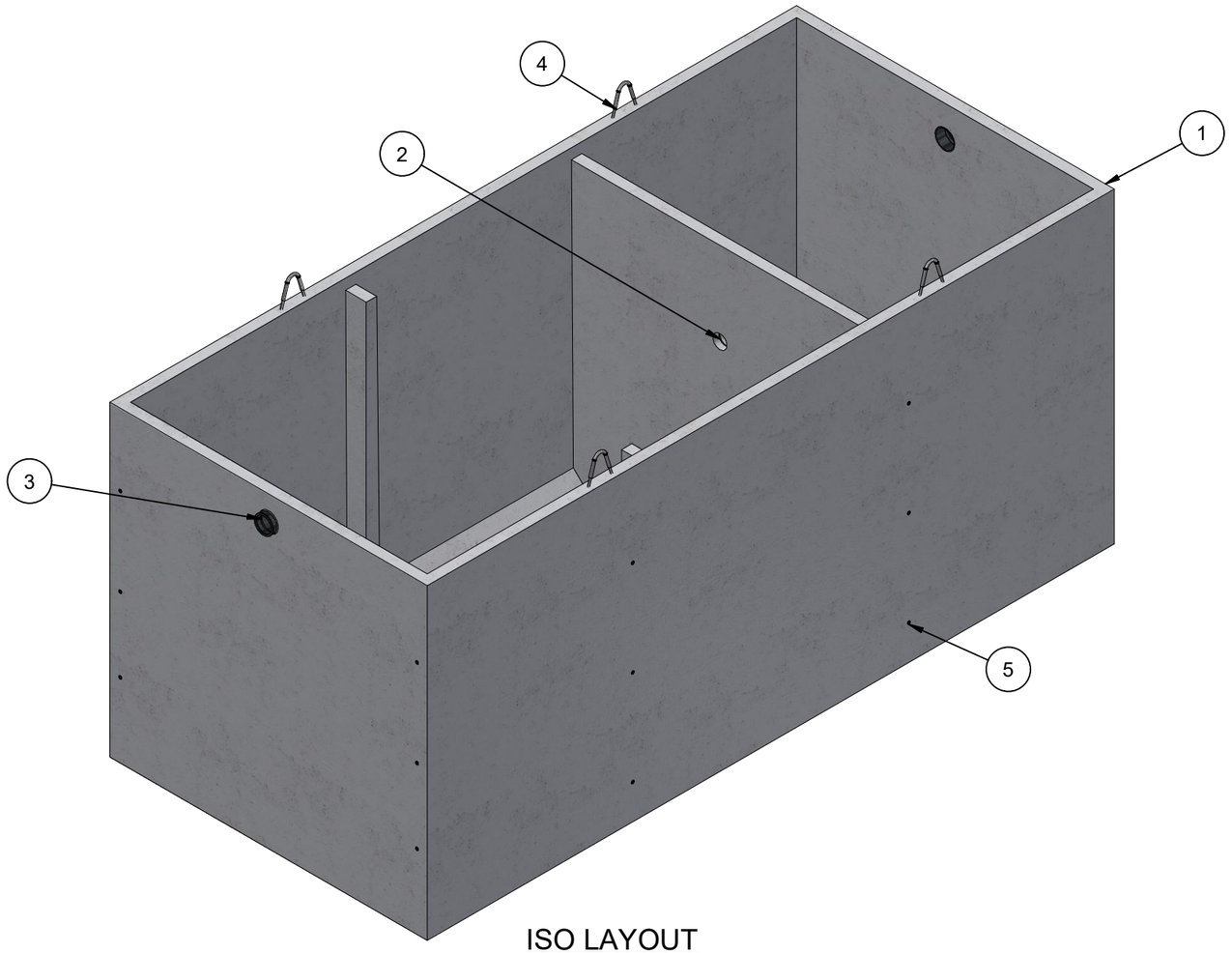
DESIGN NOTES
■ MINIMUM EXCAVATION SIZE: 17'-7" X 8'-8" DEPTH REQ'D.
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	170.420 ft^3	100035740	CONCRETE 6000 PSI WETCAST BIO-CONCRETE
2	1	100002704	FITTING PVC SDR35 4IN DIA COUPLING ASTM D-3034 SOLVENT WELD SEWER DRAIN
3	2	100024698	CONNECTOR BOOT 402.0450 CAST-A-SEAL ASTM C923/C1644 4.2-4.7 PIPE OD 2.5-6 WALL THICK
4	4	100026190	ANCHOR CABLE LOOP LIFT SEPTIC 1/2 X 51 500-5100
5	24	100003348	INS THRD FRL THNSLB STRUT FX-16 5/8IN ZINC
6	1	300113120	REINFORCING MAT 300113120

*REBAR REINFORCING CAN BE SWAPPED OUT FOR DEFORMED WIRE CAGE PART NUMBER 200019528



ISO LAYOUT

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

REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
A-1	DRAWING CREATED	3/19/2021	BGD

BURY DEPTH:	6.9' - 11.7' to Inside Floor		
WATER LEVEL:	Below Structure	WEIGHT:	25658.92 Lbs
DESIGN SPEC:	ASTM C890,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Cable

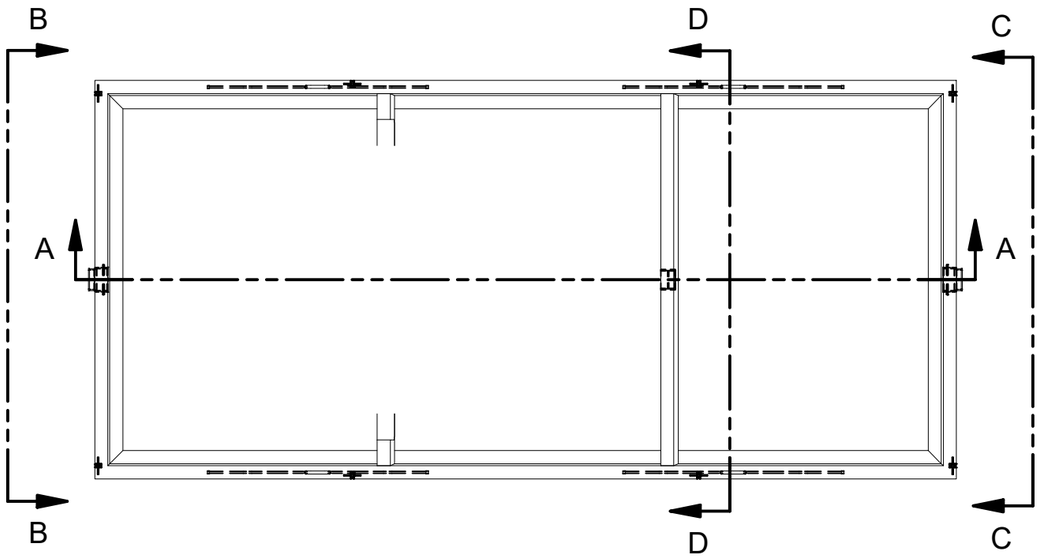
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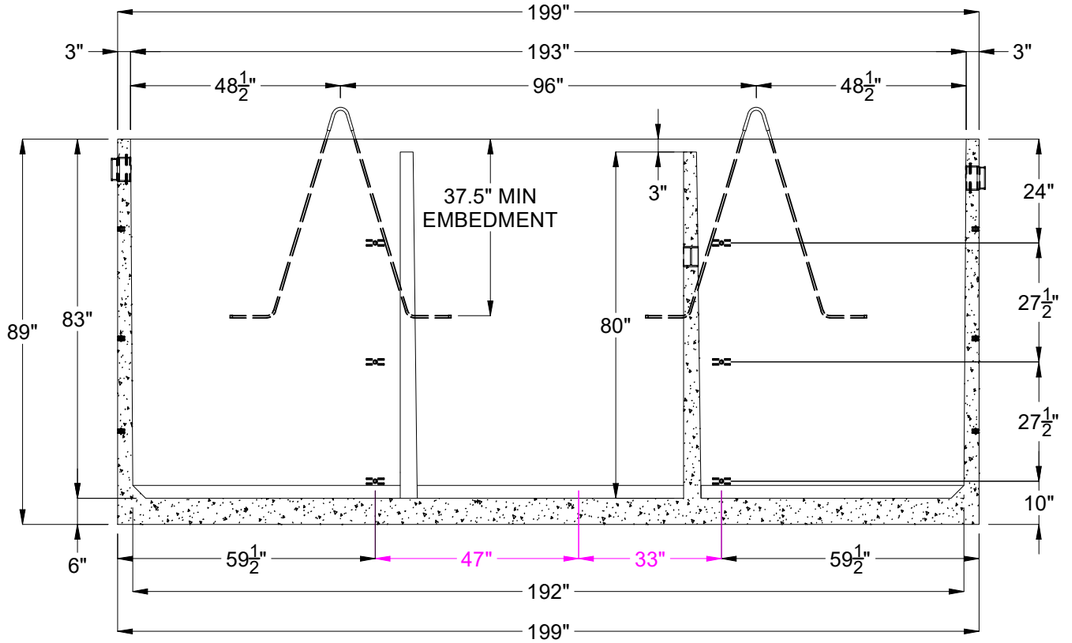
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DESCRIPTION:	Tank JZ 5000 Gallon 4 Inch Rect. Bottom Section Single Baffle Admixture – BioConcrete CASTING LAYOUT		REV: A-1
PART NUMBER:	200050233	DRAWN BY:	B. Gentry-Dunn
CREATED:	3/20/2018	MODIFIED:	5/20/2021
			SHEET: 1 OF 3

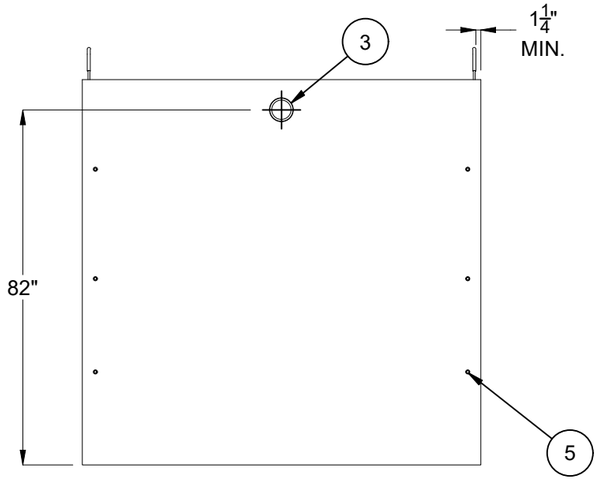
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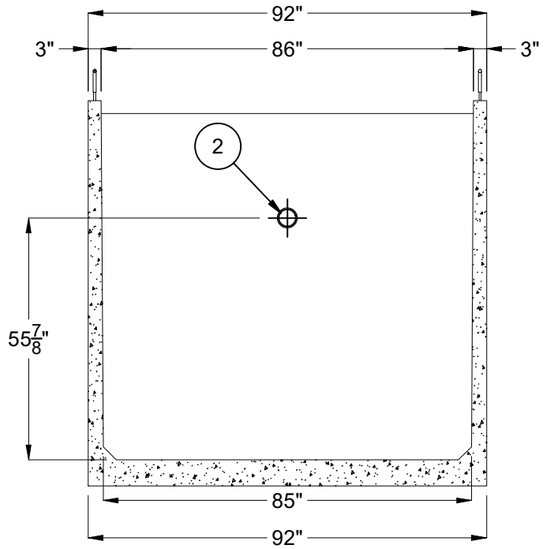
PLAN VIEW



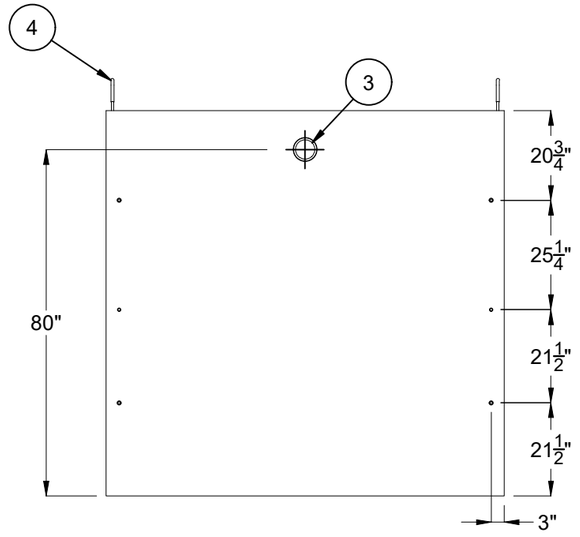
SECTION A-A



VIEW B-B



SECTION D-D



VIEW C-C

BURY DEPTH:	6.9' - 11.7' to Inside Floor		
WATER LEVEL:	Below Structure	WEIGHT:	25658.92 Lbs
DESIGN SPEC:	ASTM C890,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Cable

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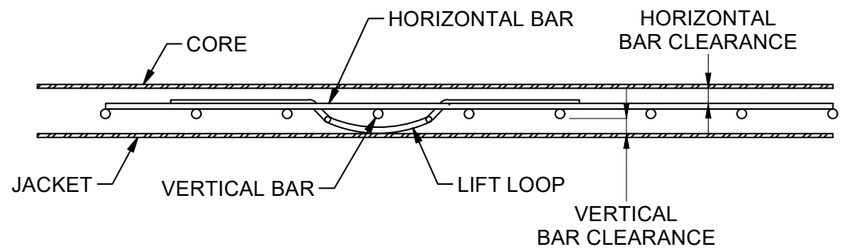
DESCRIPTION: Tank JZ 5000 Gallon 4 Inch Rect. Bottom Section Single Baffle Admixture – BioConcrete
CASTING DRAWING

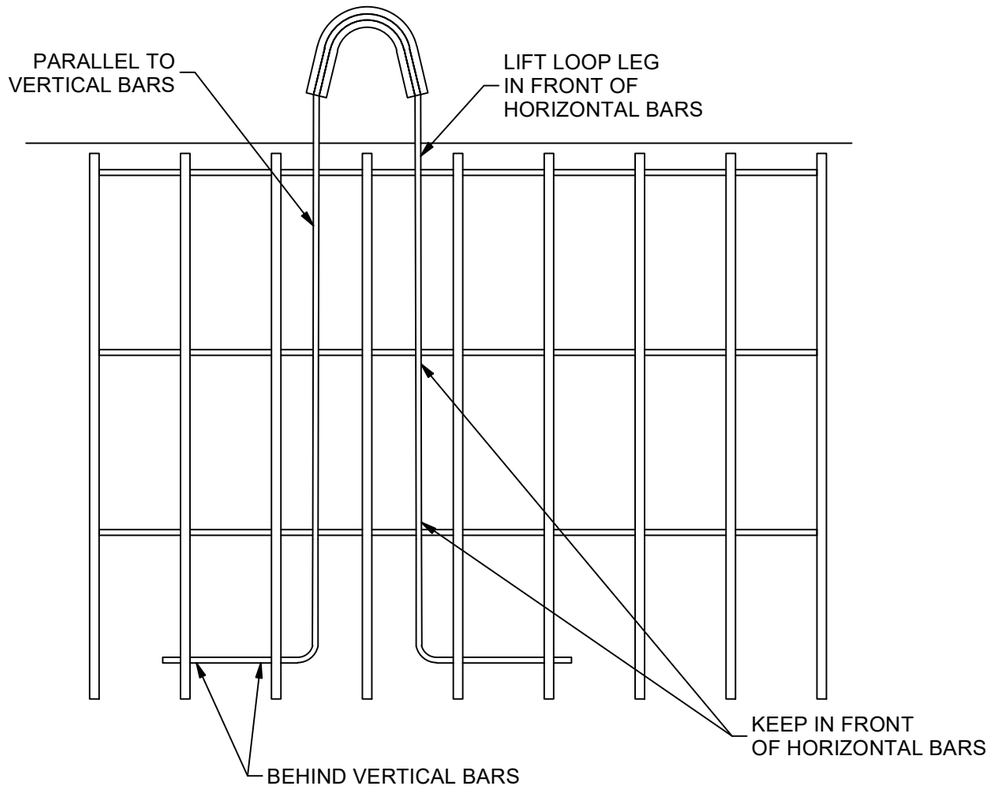
PART NUMBER:	200050233	DRAWN BY:	B. Gentry-Dunn
CREATED:	3/20/2018	MODIFIED:	5/20/2021

REV: A-1

SHEET: 2 OF 3

200050233.idw





FOR USE WITH THIN WALL PROP CANTILEVER
TANKS WHERE SPECIFIED ON SHOP DRAWING.

200050233.idw

BURY DEPTH: to		JENSEN PRECAST EST. 1968 WWW.JENSENPRECAST.COM	©2018 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: CABLE LOOP INSTALLATION DETAIL	REV: A-1
WATER LEVEL:	WEIGHT: Lbs			PART NUMBER: / DRAWN BY: B. Gentry-Dunn	SHEET: 3 OF 3
DESIGN SPEC:	LOADING SPEC:			CREATED: / MODIFIED: 5/20/2021	
REINFORCEMENT TYPE:	LIFTING TYPE:				