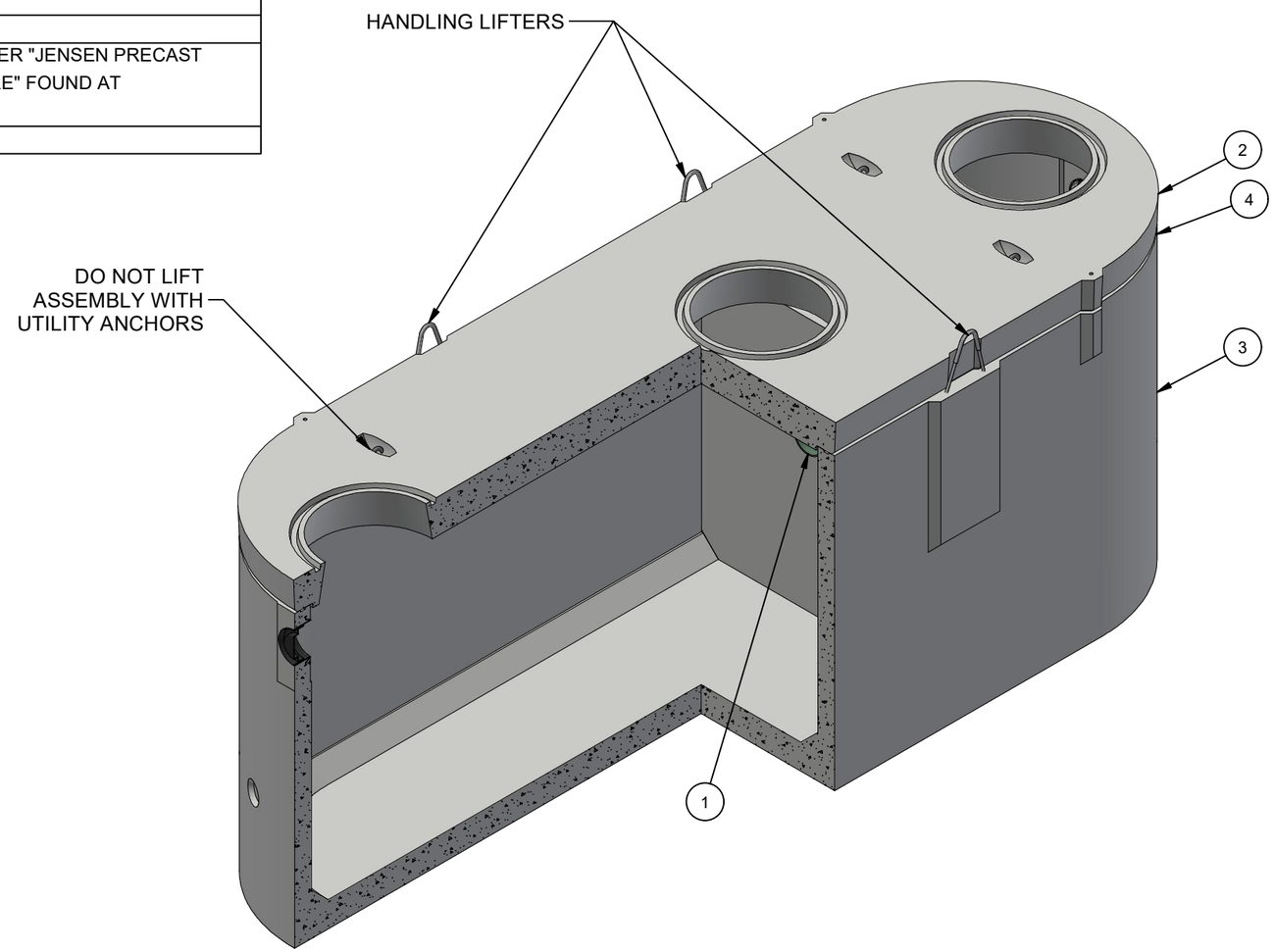
DESIGN NOTES
■ THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN PRECAST FACILITY.
■ ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI.
■ REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60 OR ASTM A706 GRADE 60.
■ EQUIVALENT AREA WELDED WIRE REINFORCING CAGES MAY BE UTILIZED IN LIEU OF GRADE 60 REBAR.
■ WELDED WIRE REINFORCING SHALL COMPLY WITH ASTM A1064.
■ SEE TITLE BLOCK FOR BURY DEPTH RANGE, WATER TABLE LEVEL, AND DESIGN AND LOADING SPECIFICATIONS.
■ SOIL UNIT WEIGHT DRY – 100 lbs/cu.ft.
■ EQUIVALENT LATERAL EARTH PRESSURE DRY: 30 lbs/cu.ft.
■ SOIL UNIT WEIGHT DRY – 120 lbs/cu.ft
■ EQUIVALENT LATERAL EARTH PRESSURE WET: 80 lbs/cu.ft.
■ UNLESS OTHERWISE NOTED OR SPECIFIED THE STRUCTURE SHALL BE INSTALLED PER "JENSEN PRECAST UNDERGROUND WASTE-WATER PRECAST CONCRETE TANK INSTALLATION PROCEDURE" FOUND AT https://www.jensenprecast.com/Tank-Installation-Procedure-d2106.pdf
■ CALCULATION NUMBER(S): #54239-JOP2000 AND #54239-JOP2000TS

BILL OF MATERIALS

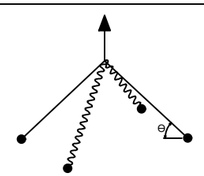
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	200092102	Vertical Slab Baffle JOP 2000 6 Inch
2	1	200091948	Tank JOP 2000 Gallon x 8 Slab Top 24"E, 24"B, 24"E
3	1	200092116	Tank JOP 2000 Gallon 6 Inch Rect. Bottom Section Single Baffle Recess
4	3.000 ul	100013648	SEALANT JOINT BUTYL RUBBER ASTM C-990 AND M198 CS-102 1IN EQUIV X14.5FT PER ROLL



ISO VIEW
ASSEMBLED

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3000 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 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 DIAGRAM*	B



BURY DEPTH:	1.1' - 6.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	23766.46 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:		AGENCY SPEC:	

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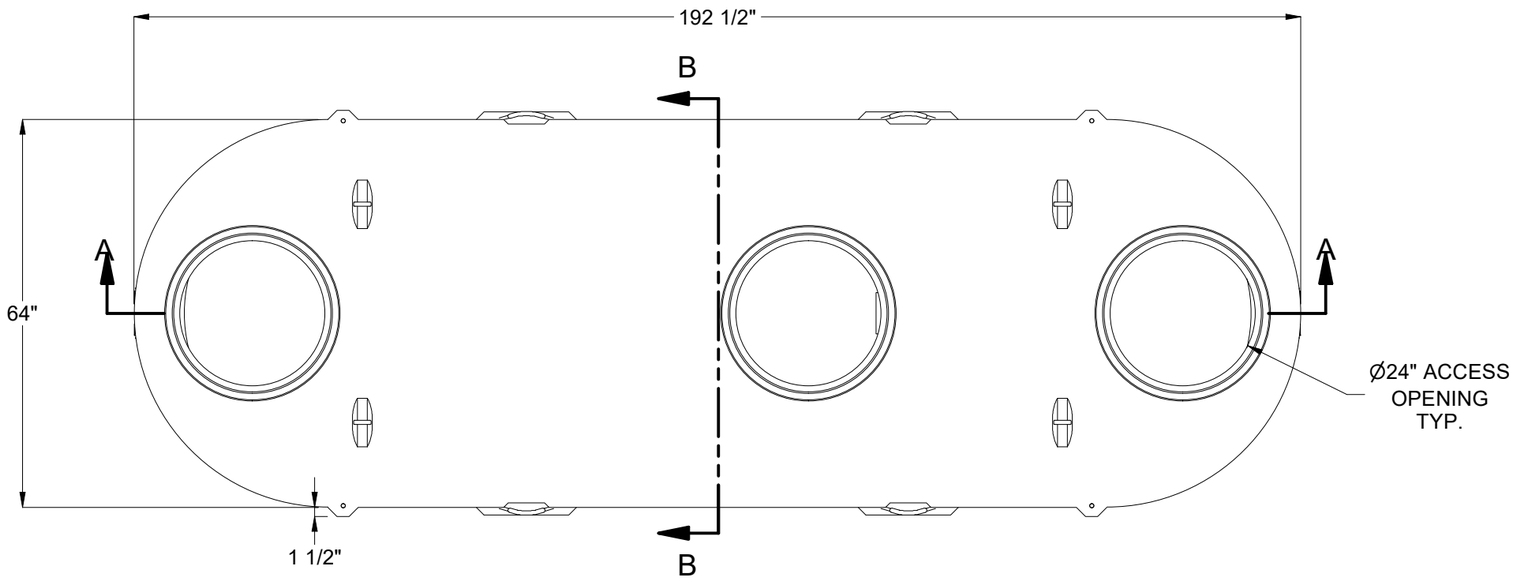
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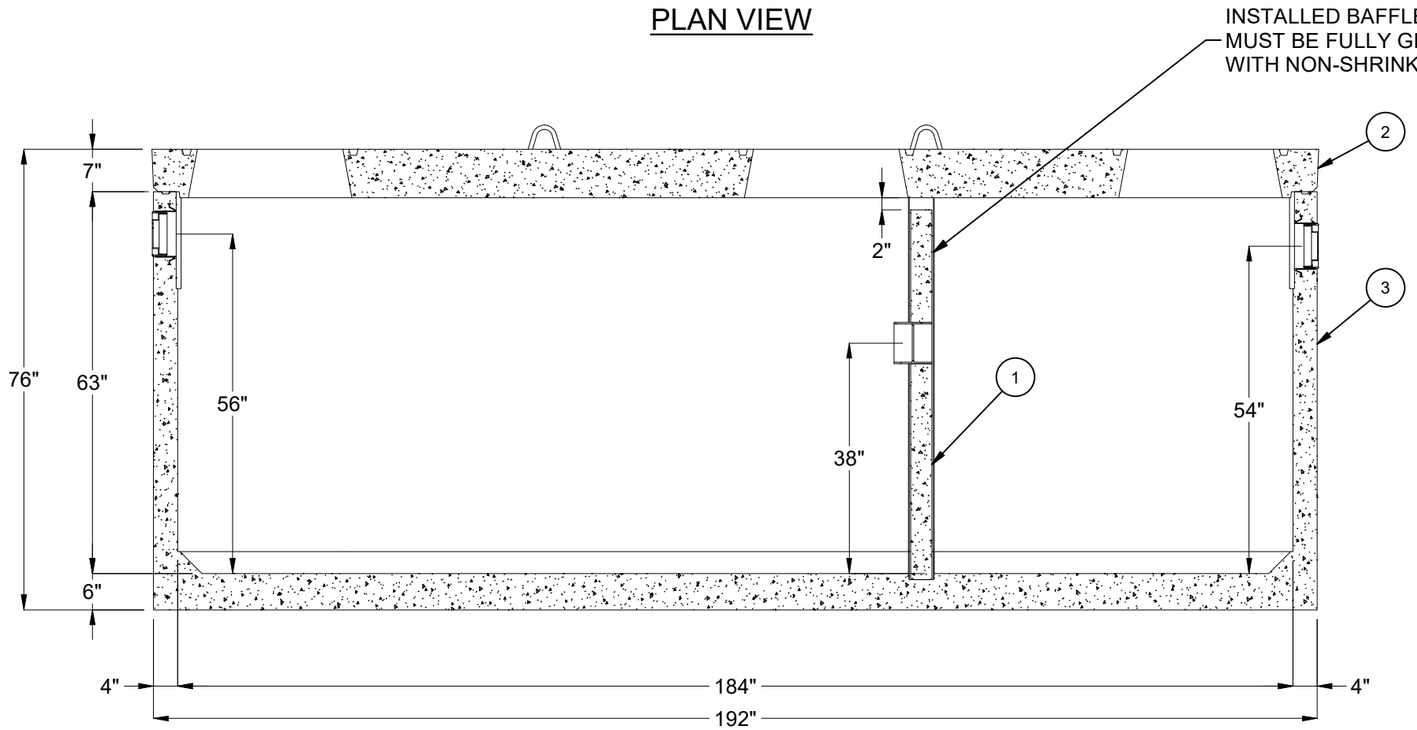
CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	2208-54239	8/13/2024	

DESCRIPTION:	Tank JOP 2000 Gallon 6 Inch Assembly 24"E, 24"B, 24"E Single Baffle LAYOUT REVIEW		REV: A
PART NUMBER:	200092282	DRAWN BY:	B. Evans
CREATED:	12/22/2023	MODIFIED:	8/21/2024
			SHEET: 1 OF 2

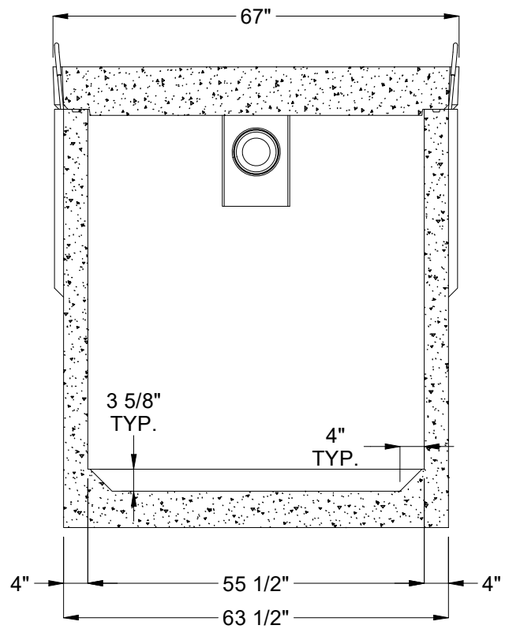
200092282.idw



PLAN VIEW



SECTION A-A



SECTION B-B

200092282.idw

BURY DEPTH:	1.1' - 6.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	23766.46 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:		AGENCY SPEC:	

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DESCRIPTION:
Tank JOP 2000 Gallon 6 Inch Assembly 24"E, 24"B, 24"E Single Baffle
LAYOUT DRAWING

PART NUMBER:	200092282	DRAWN BY:	B. Evans
CREATED:	12/22/2023	MODIFIED:	8/21/2024

REV: A

SHEET: 2 OF 2