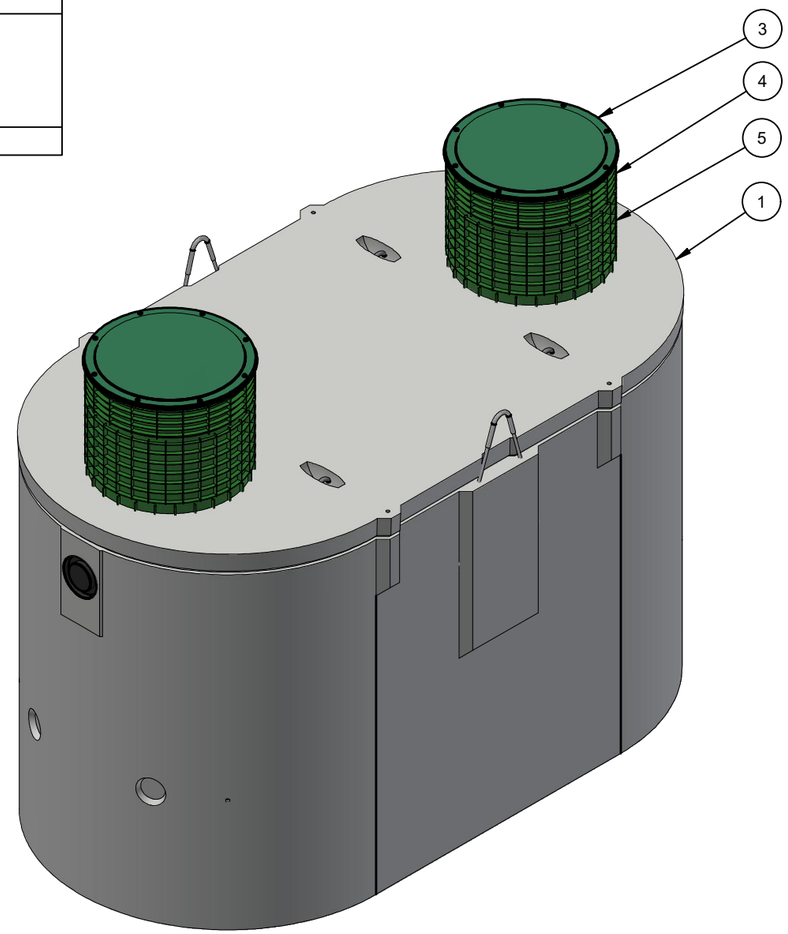
DESIGN NOTES
■ THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN PRECAST FACILITY.
■ ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI.
■ REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60 OR ASTM A706 GRADE 60.
■ EQUIVALENT AREA WELDED WIRE REINFORCING CAGES MAY BE UTILIZED 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.
■ IN COMPLIANCE WITH UNIFORM PLUMBING CODE (UPC), INTERNATIONAL PLUMBING CODE (IPC), AND STRUCTURAL LOADING REQUIREMENTS OF ASTM INTERNATIONAL C1227.
■ MINIMUM ONE (1) ACCESS OPENING PER COMPARTMENT REQUIRED (AS SHOWN). ADDITIONAL ACCESS CAN BE ADDED IN LIEU OF PLUG COVER WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICITON.
■ MUST BE INSTALLED PER "JENSEN PRECAST UNDERGROUND WASTEWATER PRECAST CONCRETE TANK INSTALLATION PROCEDURE" WHICH CAN BE FOUND AT https://www.jensenprecast.com/Tank-Installation-Procedure-d2106.pdf. THIS PROCEDURE ADDRESSES REQUIRED EXCAVATION, SITE PREPARATION, INSTALLATION, VENTILATION, AND WATER/VACCUM TESTING
■ CALCULATION NUMBER(S): #54239-JOP1000 AND #54239-JOS1000TS

BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	200093381	Tank JOS 1000 Gallon 6 Inch Assembly 24"E, 24"E Tuf-Tite Single Baffle
2	1	200093194	200093385 Plumbing - JOS 1000 Gallon 6 Inch Layout Septic 24"E, 24"E Tuf-Tite Single Baffle
3	AS REQUIRED	100002742	LID PLASTIC WEST POLYLOK 3008-W 24DIA
4	AS REQUIRED	100006260	TANK RISER D24X6 PLASTIC TUFF-TITE 6-BOLTS 24-RIS
5	AS REQUIRED	100006262	TANK RISER D24X12 PLASTIC TUFF-TITE 6-BOLTS
6	AS REQUIRED	100012046	Plug Cover D2428x6 Slab Top



ISO VIEW

MODEL: JOS-1000-EE-ST

CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	2208-54239	9/5/2024	

BURY DEPTH:	0.0' - 3.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	13445.62 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-02 (200 psf)
AGENCY:		AGENCY SPEC:	

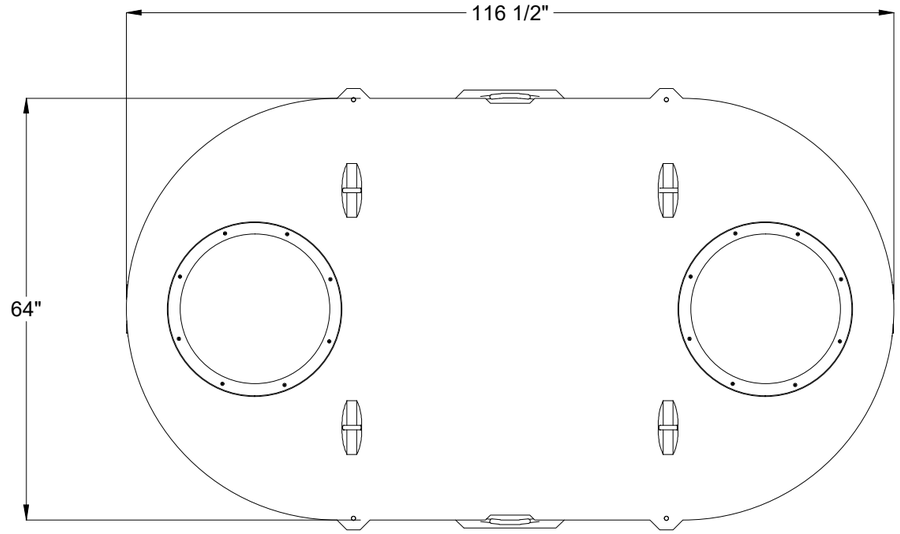
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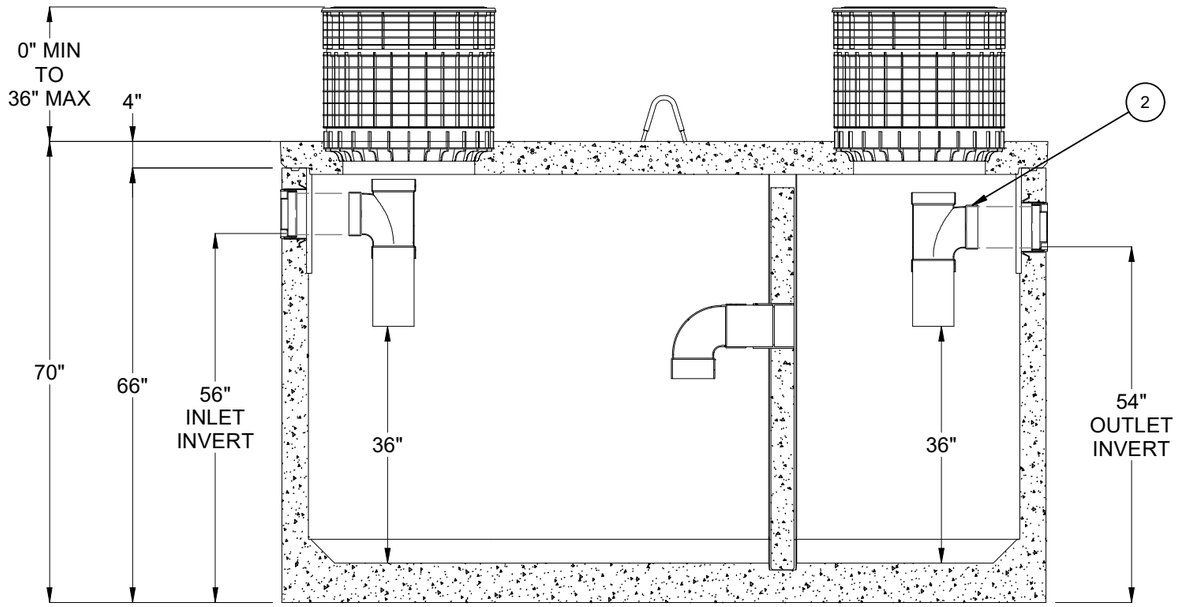
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DESCRIPTION: Tank JOS 1000 Gallon 4 Inch Layout Septic 24"E, 24"E Tuf-Tite Single Baffle LAYOUT REVIEW			REV: A
PART NUMBER:	200093385	DRAWN BY: B. Evans	SHEET: 1 OF 2
CREATED:	9/5/2024	MODIFIED: 9/9/2024	

200093385.idw



PLAN VIEW



CROSS SECTION

BURY DEPTH:	0.0' - 3.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	13445.62 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-02 (200 psf)
AGENCY:		AGENCY SPEC:	

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DESCRIPTION:	Tank JOS 1000 Gallon 4 Inch Layout Septic 24"E, 24"E Tuf-Tite Single Baffle LAYOUT DRAWING		REV: A
PART NUMBER:	200093385	DRAWN BY:	B. Evans
CREATED:	9/5/2024	MODIFIED:	9/9/2024
			SHEET: 2 OF 2

200093385.idw