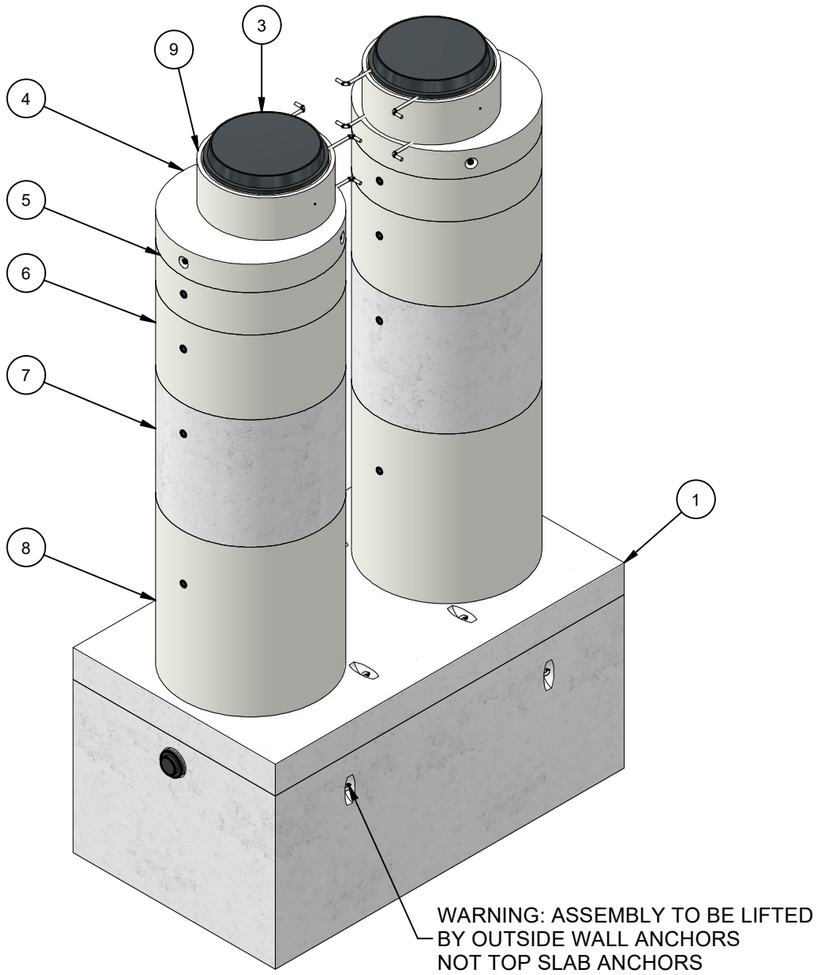
NOTES
■ IN COMPLIANCE WITH UNIFORM PLUMBING CODE (UPC), INTERNATIONAL PLUMBING CODE (IPC), ASTM INTERNATIONAL
■ LOAD CONDITION 1: H-20 TRAFFIC WITH DRY SOIL CONDITIONS (WATER LEVEL BELOW TANK) AND 13 INCHES TO 14 FEET OF SOIL COVER.
■ LOAD CONDITION 2: H-20 TRAFFIC WITH WATER LEVEL 2 FEET BELOW GRADE AND 13 INCHES TO 9 FEET OF SOIL COVER
■ PROPERTIES SHOWN ARE FOR LOAD CONDITION 1.
■ MINIMUM ONE (1) ACCESS OPENING PER COMPARTMENT REQUIRED (AS SHOWN).
■ 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

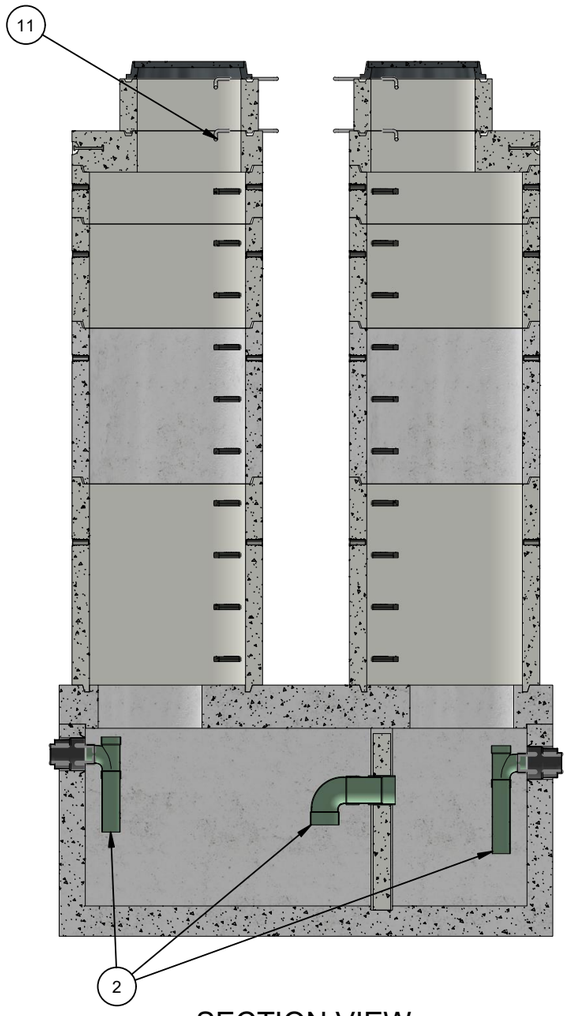
BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION	WEIGHT (LBS)
1	1	200049636	Tank MU 500 Gallon 6 Inch Assembly 24"E, 24"E MH Access Single Baffle DB	18114
2	1	200049682	200033831 Plumbing - MU 500 Gallon 4 Inch Sand-Oil Intercept 24"E, 24"E MH Access Single Baffle DB	8
3	JOB SPECIFIC	100005850	CI RINGCOVER 24DIA B-5105-02/B-5105-R2 ASTM A48 CL35B CP O-RING GASKET OSI JENSEN/INTERCEPT	200
4	JOB SPECIFIC	100001550	Manhole D3644x8 Flat Top 24"E	826
5	JOB SPECIFIC	200074016	Manhole D3644x12 Barrel GU Step Holes	528
6	JOB SPECIFIC	200074015	Manhole D3644x24 Barrel GU Step Holes	1063
7	JOB SPECIFIC	200074046	Manhole D3644x36 Barrel GU Step Holes	1598
8	JOB SPECIFIC	200072012	Manhole D3644x48 Barrel GU Step Holes	2132
9	JOB SPECIFIC	200014548	Grade Ring D2432x12	365
10	JOB SPECIFIC	100012046	Plug Cover D2428x6 Slab Top	300
11	JOB SPECIFIC	100002563	LADDER STEP RUNG 3/4X14.5 MH KNURLED 12B30	6

200033831.idw



ISO LAYOUT



SECTION VIEW

CHANGE HISTORY			
REV	DESCRIPTION	DATE	BY
A	DRAWING CREATED	8/9/2019	T.Larson
B	TOP SLAB, BASE, & PLUMBING UPDATED	3/2/2021	T.Larson
C	ACCESSORIES UPDATED	5/12/2023	CF

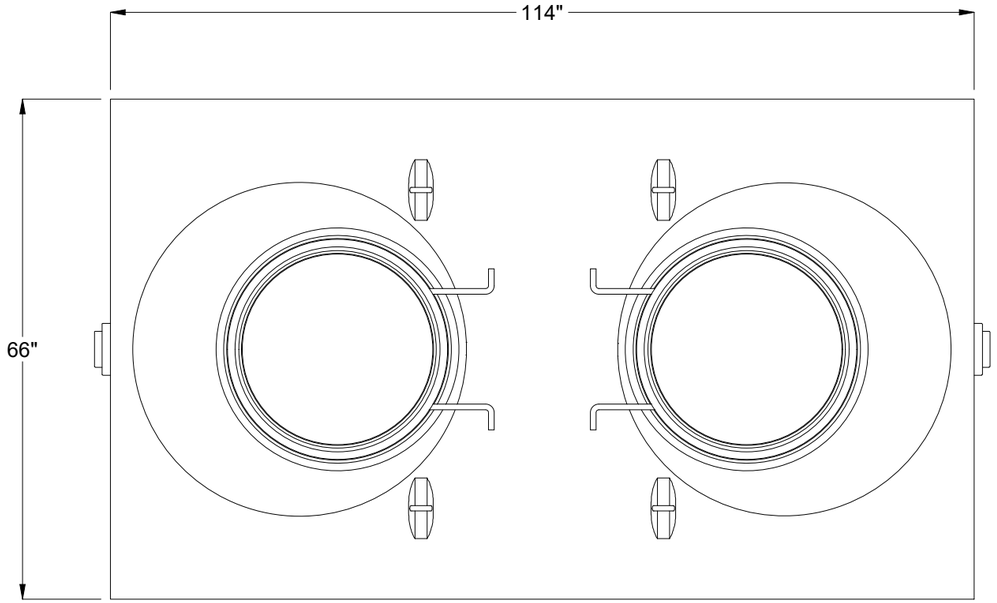
BURY DEPTH:	1.1' - 14.0' to Top		
WATER LEVEL:	Below Structure	WEIGHT:	31894.53 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:		AGENCY SPEC:	

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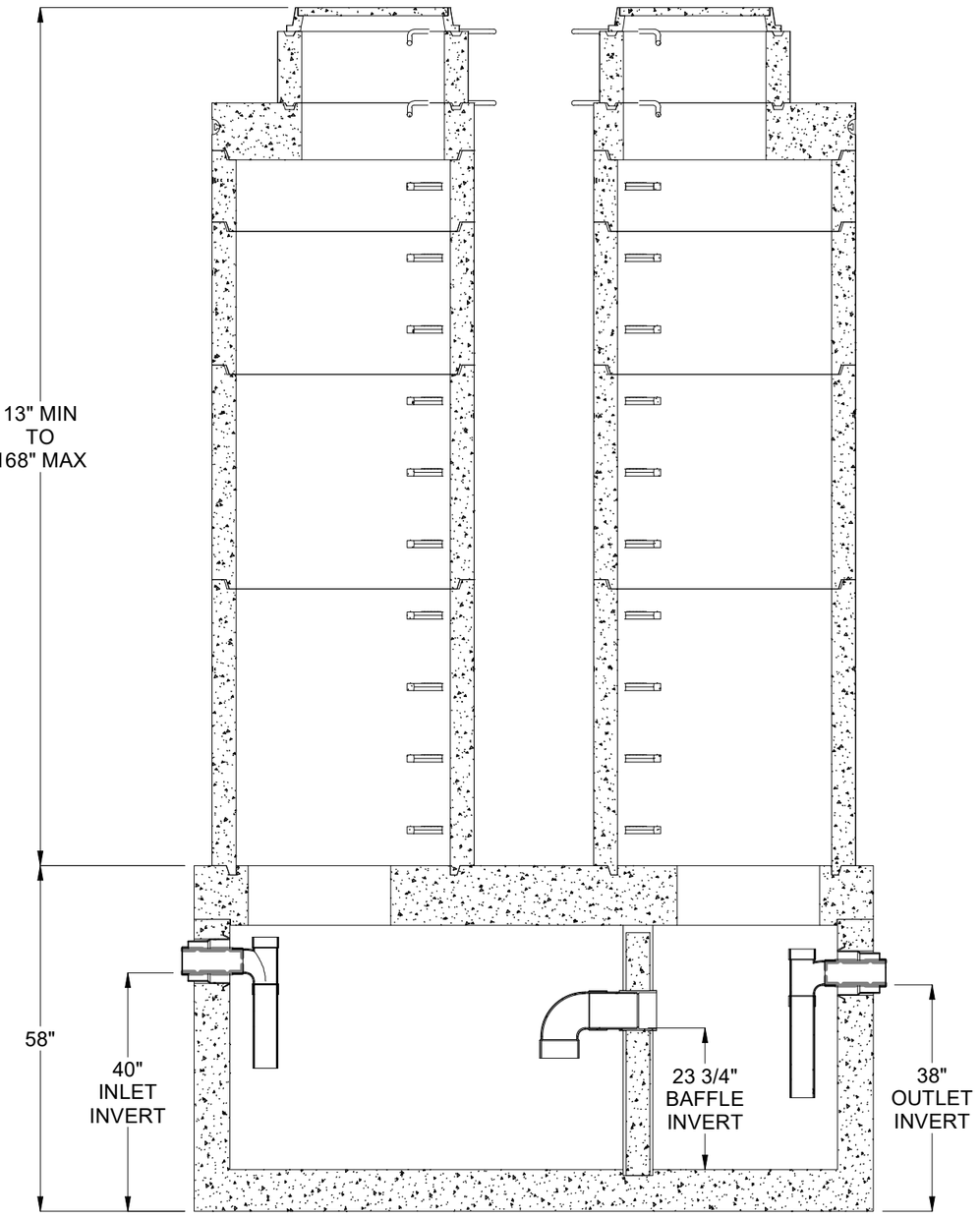
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DESCRIPTION:	Tank MU 500 Gallon 4 Inch Layout Sand-Oil Interceptors 24"E, 24"E MH Access Single Baffle DB LAYOUT REVIEW		REV: C-1
PART NUMBER:	200033831	DRAWN BY:	E. Fine
CREATED:	1/24/2019	MODIFIED:	5/12/2023
			SHEET: 1 OF 2



PLAN VIEW



CROSS SECTION

200033831.idw

BURY DEPTH:	1.1' - 14.0' to Top		
WATER LEVEL:	Below Structure	WEIGHT:	31894.53 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:		AGENCY SPEC:	

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DESCRIPTION:	Tank MU 500 Gallon 4 Inch Layout Sand-Oil Interceptors 24"E, 24"E MH Access Single Baffle DB LAYOUT DRAWING		
PART NUMBER:	200033831	DRAWN BY:	E. Fine
CREATED:	1/24/2019	MODIFIED:	5/12/2023

REV: C-1

SHEET: 2 OF 2