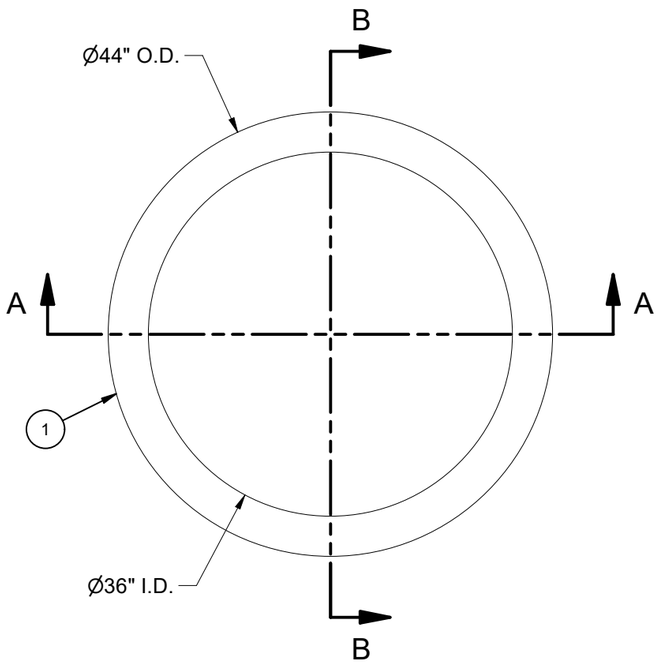
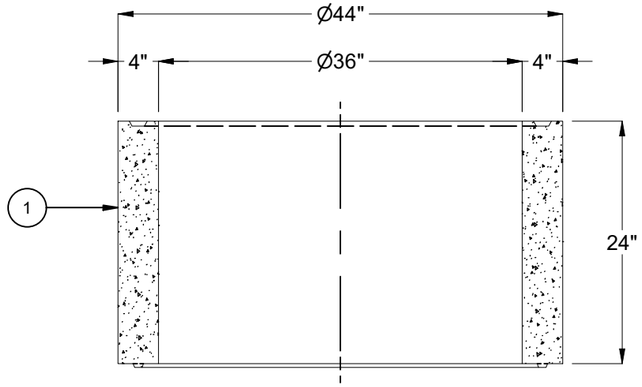
DESIGN NOTES
■ DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 4,000 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT.
■ ALL PARTS TO BE STENCILED: MFG DATE / PRODUCT ID / WEIGHT.

BILL OF MATERIALS

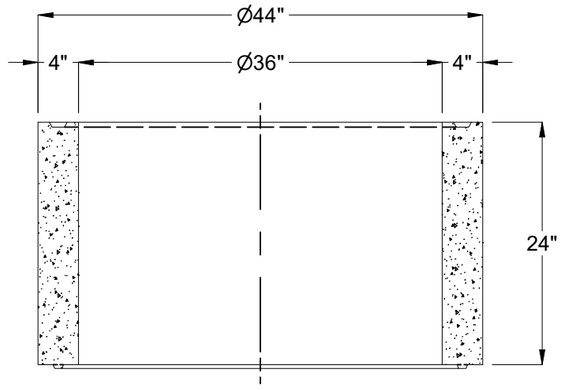
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	6.951 ft^3	6.951 ft^3	100043269	CONCRETE 4000 PSI WETCAST SITE-112
2	1	1	200080818	REINFORCING MAT 200080818



PLAN VIEW



SECTION A-A



SECTION B-B

200080816.idw

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A-1-1	INVENTOR DRAWINGS CREATED	3/5/2026	

BURY DEPTH:	0.0' - 20.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	1041.32 Lbs
DESIGN SPEC:	ACI 318,ASTM C478	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Deformed Wire	LIFTING TYPE:	None

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This product shall only be produced in a Jensen Infrastructure facility.

DESCRIPTION:	Manhole D3644x24 Barrel SW Joint CASTING LAYOUT		REV: A-1-1
PART NUMBER:	200080816	DRAWN BY:	M. Zaragoza
CREATED:	10/11/2023	MODIFIED:	3/5/2026
			SHEET: 1 OF 1