DESIGN NOTES:

- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.

PRODUCTION NOTES:

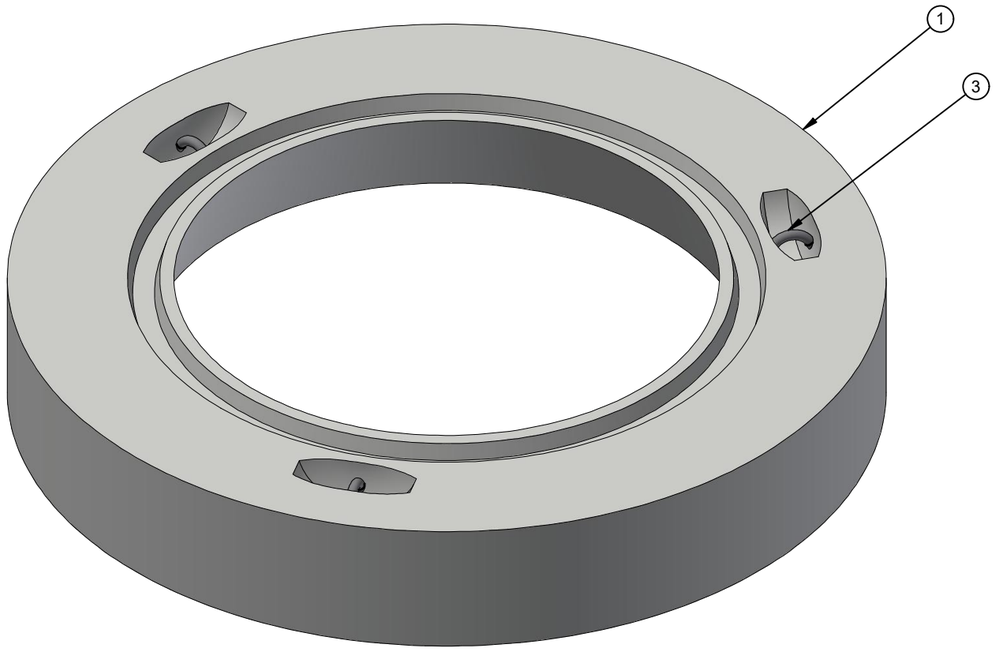
- THIS PRODUCT SHALL ONLY BE PRODUCED IN A JENSEN INFRASTRUCTURE FACILITY
- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - NONE
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - NONE

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	6.029 ft^3	6.029 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
3	1	3	100004878	ANCHOR UTILITY .671DIA 5-SLAB GALV P75 5UA671
3	1	1	100018856	REINFORCING MAT 100018856

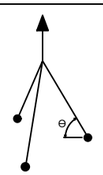
ALTERNATE REINFORCING OPTIONS	
PART NUMBER	DESCRIPTION
100046768	Alt for Reinf 100018856
200098764	Reinforcing MAT 200098764

100001668.idw



ISOMETRIC VIEW

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 PSI WITH 3 LIFT CONNECTIONS EQUALLY LOADED TO 3 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*	A
	

BURY DEPTH:	0.0' - 5.0' to Top		
WATER LEVEL:	0.0'	APPROX. WEIGHT:	908.96 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

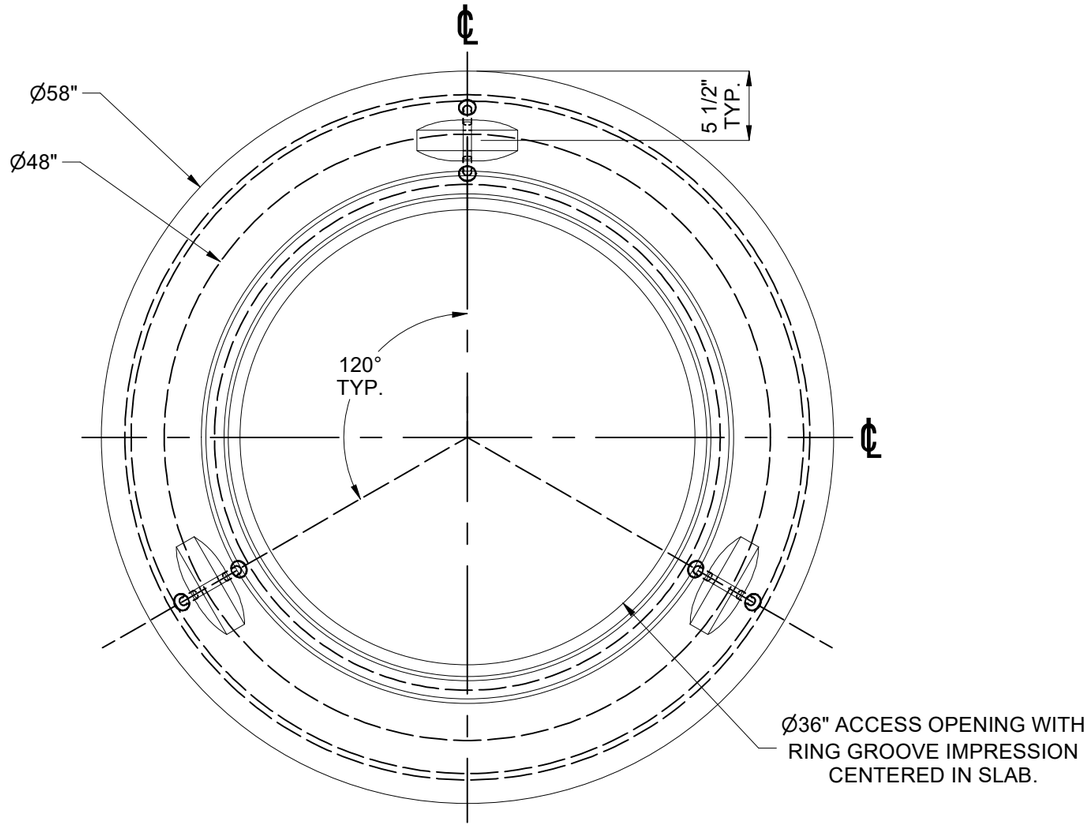
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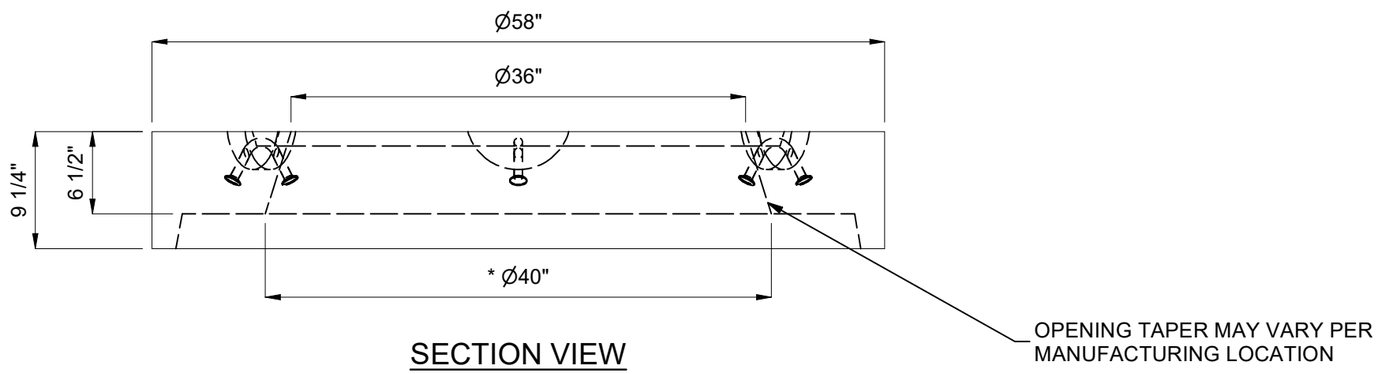
CHANGE HISTORY

NO.	DESCRIPTION	DATE	BY
A	INITIAL RELEASE	06/12/2019	MDD

DESCRIPTION:	Manhole D4858x9.25 Flat Top TU 36"C CASTING LAYOUT		REV: A-2
PART NUMBER:	100001668	DRAWN BY:	A. Sprung
CREATED:	6/12/2019	MODIFIED:	3/6/2025
			SHEET: 1 OF 2



PLAN VIEW



SECTION VIEW

100001668.idw

BURY DEPTH:	0.0' - 5.0' to Top		
WATER LEVEL:	0.0'	APPROX. WEIGHT:	908.96 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION: Manhole D4858x9.25 Flat Top TU 36"C
CASTING DRAWING

REV: A-2

PART NUMBER:	100001668	DRAWN BY:	A. Sprung
CREATED:	6/12/2019	MODIFIED:	3/6/2025

SHEET: 2 OF 2