DESIGN NOTES:

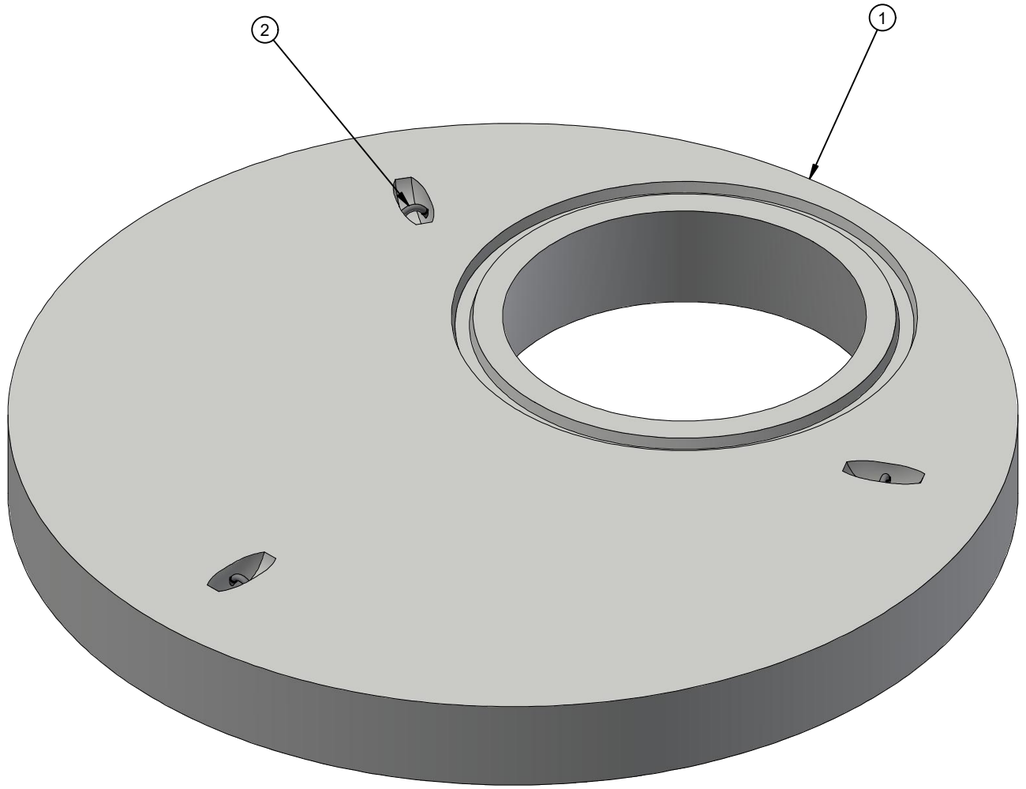
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

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

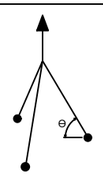
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	44.766 ft^3	44.766 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	3	100004880	ANCHOR UTILITY .671DIA 5.625-SLAB GALV P75 6UA671
3	1	1	300125991	REINFORCING MAT 300125991
4	1	1	300125992	REINFORCING MAT 300125992



ISOMETRIC VIEW

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2000 PSI WITH 3 LIFT CONNECTIONS EQUALLY LOADED TO 3 LIFTING POINTS AT A MINIMUM 45° 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:	5.0'	APPROX. WEIGHT:	6731.12 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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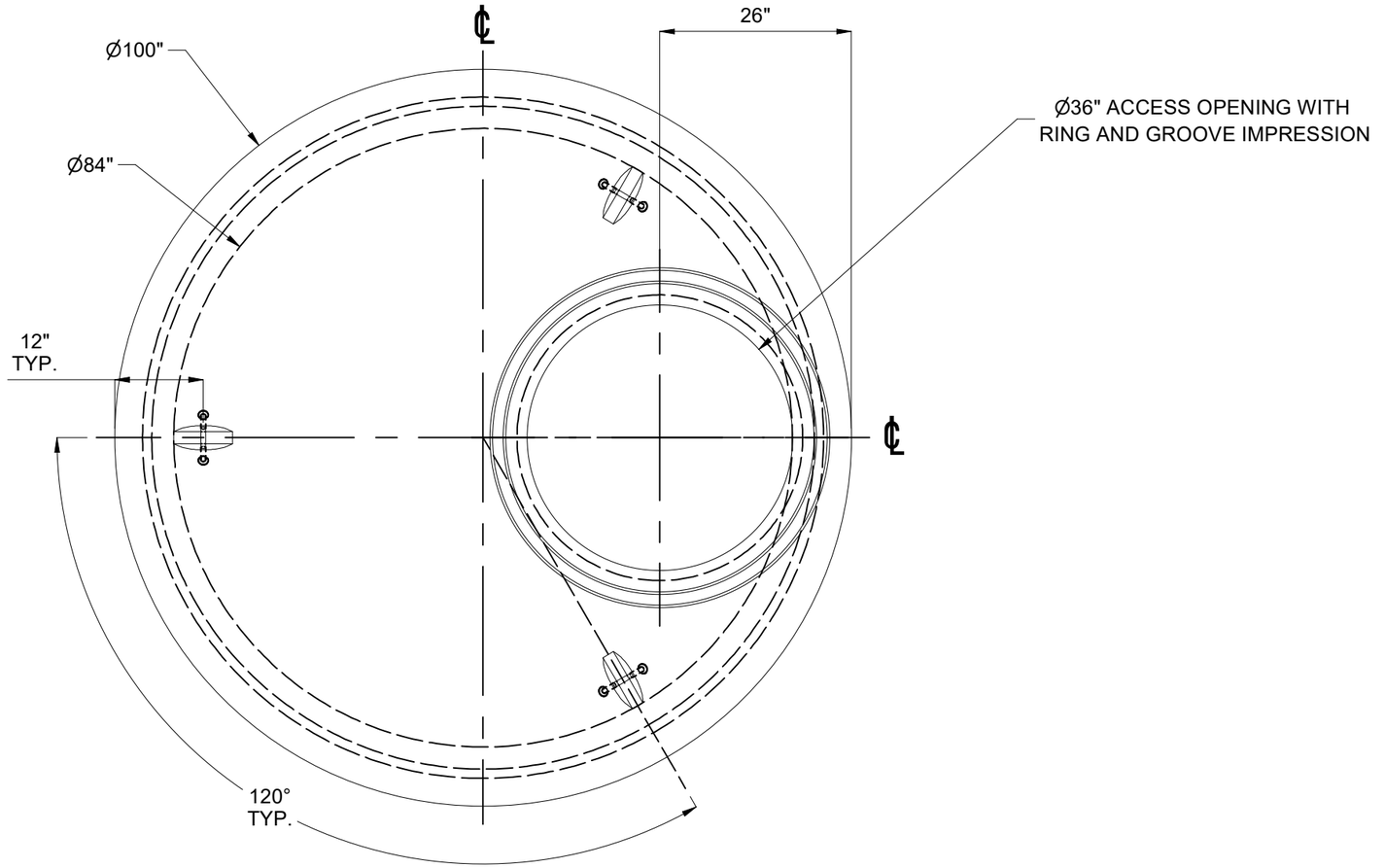
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CHANGE HISTORY

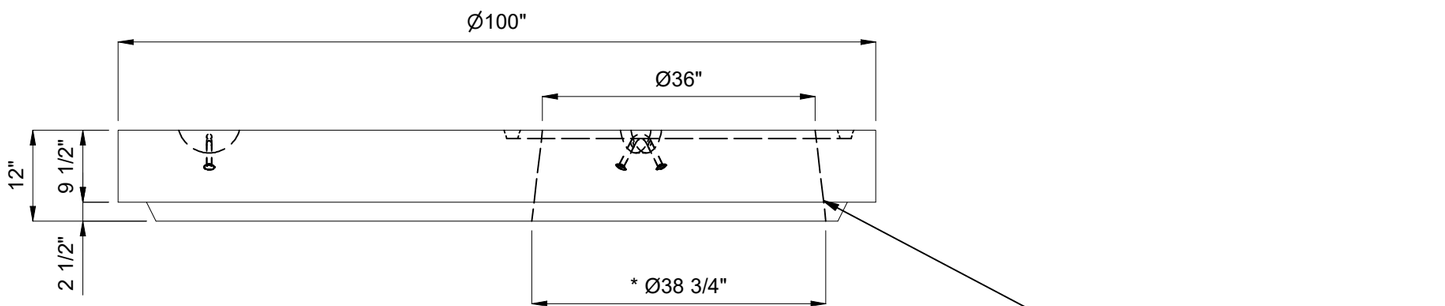
NO.	DESCRIPTION	DATE	BY
A	LEGACY DRAWING		
B-1	NEW FORMATTED DRAWING	10-20-20	ACHO
B-1	Updated description, properties, and title block	12/12/25	NP

DESCRIPTION:	Manhole D84100x9.5 Flat Top GU 36"E CASTING LAYOUT		REV: B-1
PART NUMBER:	100028090	DRAWN BY: N. Posey	SHEET: 1 OF 2
CREATED:	4/17/2019	MODIFIED: 12/12/2025	

100028090.idw



PLAN VIEW



SECTION VIEW

100028090.idw

BURY DEPTH:	0.0' - 5.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	6731.12 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 D84100x9.5 Flat Top GU 36"E CASTING DRAWING		REV: B-1
PART NUMBER:	100028090	DRAWN BY:	N. Posey
CREATED:	4/17/2019	MODIFIED:	12/12/2025
			SHEET: 2 OF 2