DESIGN NOTES:

- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.

PRODUCTION NOTES:

- LIFTING INSERTS SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS
- APPLIED FINISH - NONE
- INTERNAL LINER/COATING - NONE
- EXTERNAL LINER/COATING - NONE

BILL OF MATERIALS

ITEM	QTY	PART NUMBER	DESCRIPTION
1	14.459 ft^3	100002728	CONCRETE MIX GENERIC 4000 PSI
2	2	100002854	INSERT MH RUNG PLASTIC SP SOCKET
3	4	100002393	REINF HOOP STEEL .309DIA GA ASTM A-1064 67.5DIA

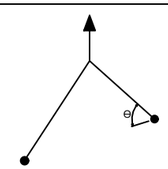
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ISOMETRIC

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 2500 PSI WITH 2 LIFT CONNECTIONS EQUALLY LOADED TO 2 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*	F



REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
1	INITIAL RELEASE	4/8/2024	APS

BURY DEPTH:	0.0' - 2.0' to Top		
WATER LEVEL:	0.0'	APPROX. WEIGHT:	2191.11 Lbs
DESIGN SPEC:	ASTM C478	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Plain Wire	LIFTING TYPE:	SP Socket

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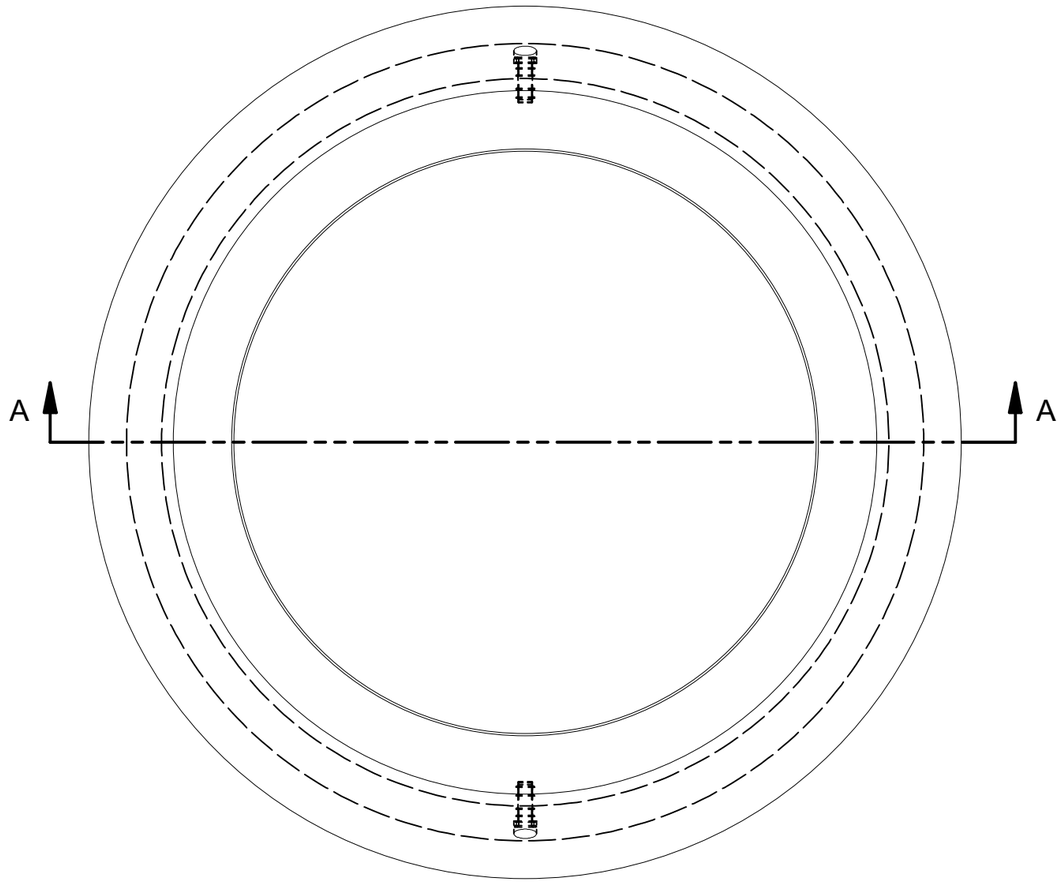
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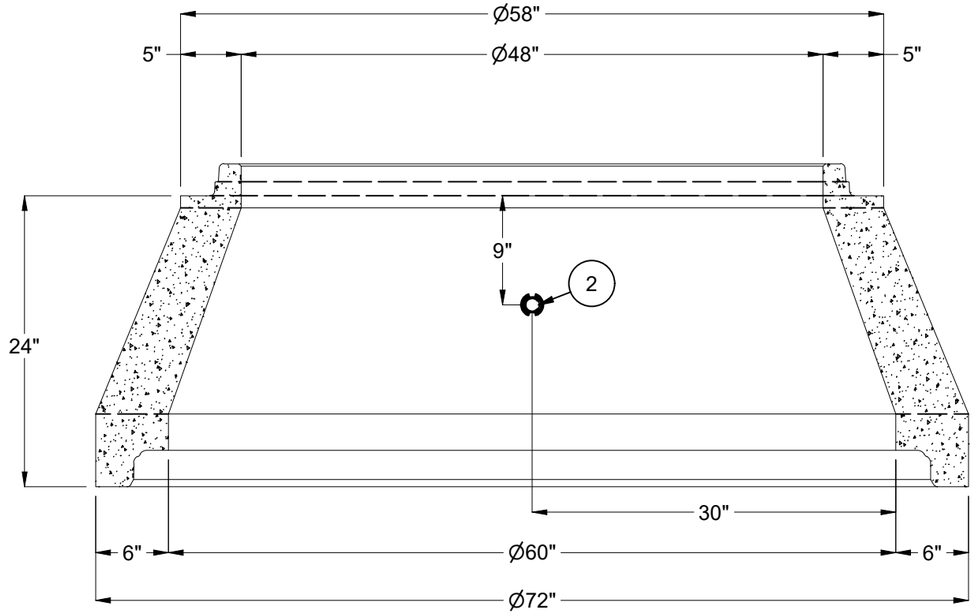
DESCRIPTION:	Manhole Cone Concentric D6072 to D48x24IN TU CASTING LAYOUT		
PART NUMBER:	100005161	DRAWN BY:	A.Sprung
CREATED:	4/8/2024	MODIFIED:	4/8/2024

REV: A-5

SHEET: 1 OF 2



PLAN VIEW



SECTION A-A

100005161.idw

BURY DEPTH:	0.0' - 2.0' to Top		
WATER LEVEL:	0.0'	APPROX. WEIGHT:	2191.11 Lbs
DESIGN SPEC:	ASTM C478	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Plain Wire	LIFTING TYPE:	SP Socket

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DESCRIPTION:	Manhole Cone Concentric D6072 to D48x24IN TU CASTING DRAWING		REV: A-5
PART NUMBER:	100005161	DRAWN BY:	A.Sprung
CREATED:	4/8/2024	MODIFIED:	4/8/2024
			SHEET: 2 OF 2