DESIGN NOTES:

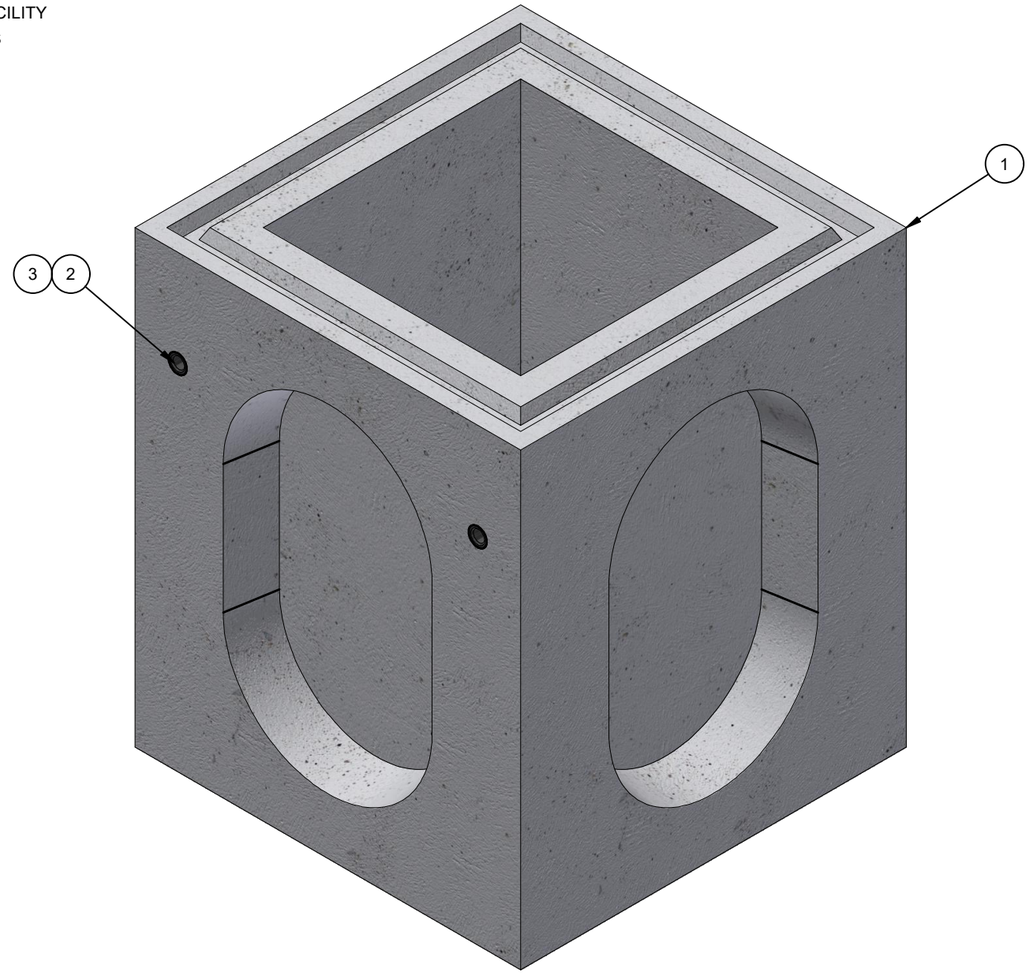
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 5000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

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

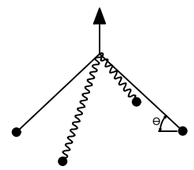
ITEM	QTY	PART NUMBER	DESCRIPTION
1	11.925 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	4	100002854	INSERT MH RUNG PLASTIC SP SOCKET
3	4	200038982	#3 HAIR PIN
4	1	100018830	REINFORCING MAT 100018830



ISO LAYOUT

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 3000 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 2 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*	B



BURY DEPTH:	0.0' - 3.1' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	2128.38 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	SP Socket

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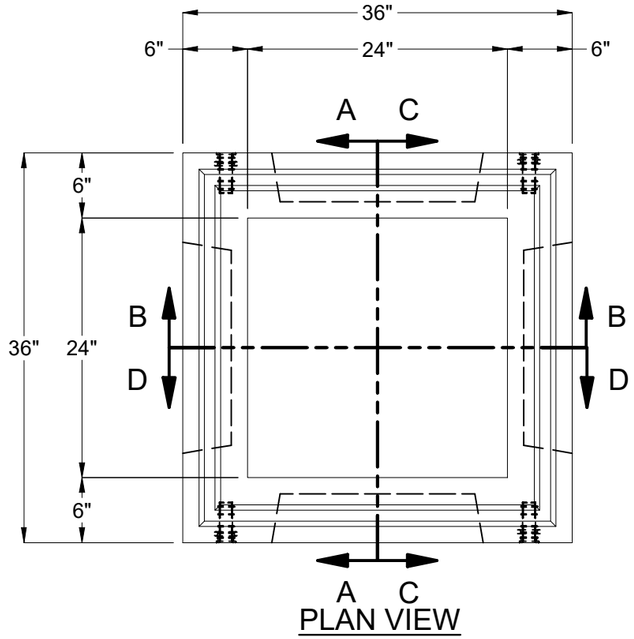
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CHANGE HISTORY

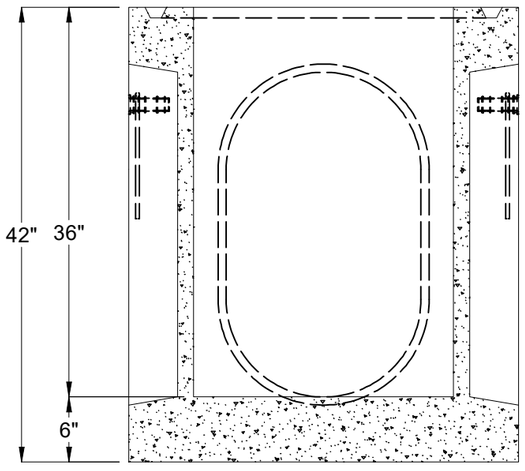
NO.	DESCRIPTION	DATE	BY
1	DRAWING CREATED	5/12/2025	SD

DESCRIPTION:	Drainage 2424x36 Rect. Bottom Section Knockout CASTING LAYOUT		REV: A-1
PART NUMBER:	200101326	DRAWN BY:	S. de Lange Boom
CREATED:	5/9/2025	MODIFIED:	5/12/2025
			SHEET: 1 OF 2

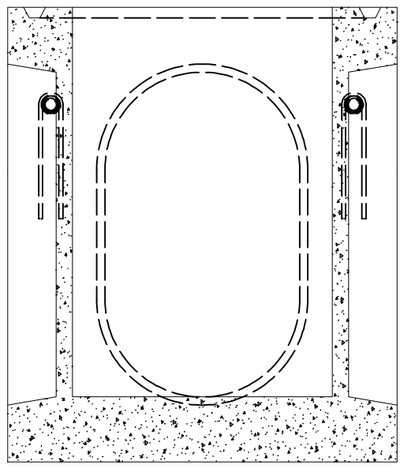
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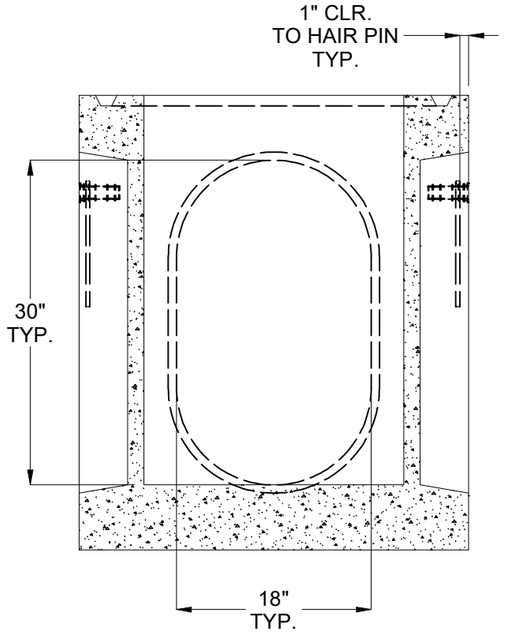
PLAN VIEW



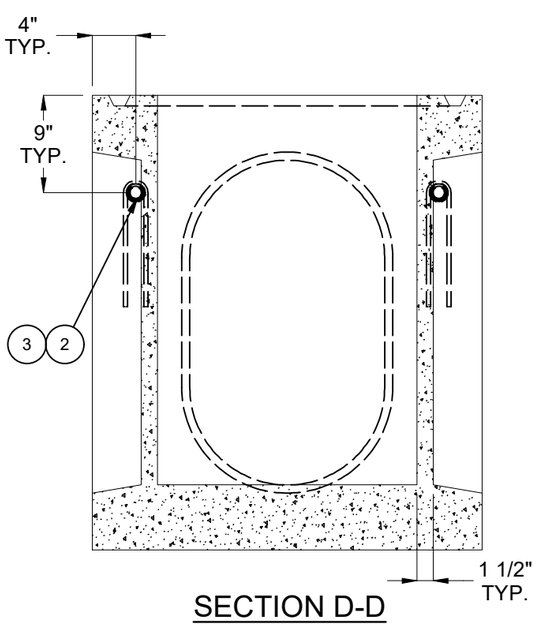
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	0.0' - 3.1' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	2128.38 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	SP Socket

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DESCRIPTION:	Drainage 2424x36 Rect. Bottom Section Knockout CASTING DRAWING		REV: A-1
PART NUMBER:	200101326	DRAWN BY:	S. de Lange Boom
CREATED:	5/9/2025	MODIFIED:	5/12/2025
			SHEET: 2 OF 2

200101326.idw