DESIGN NOTES:

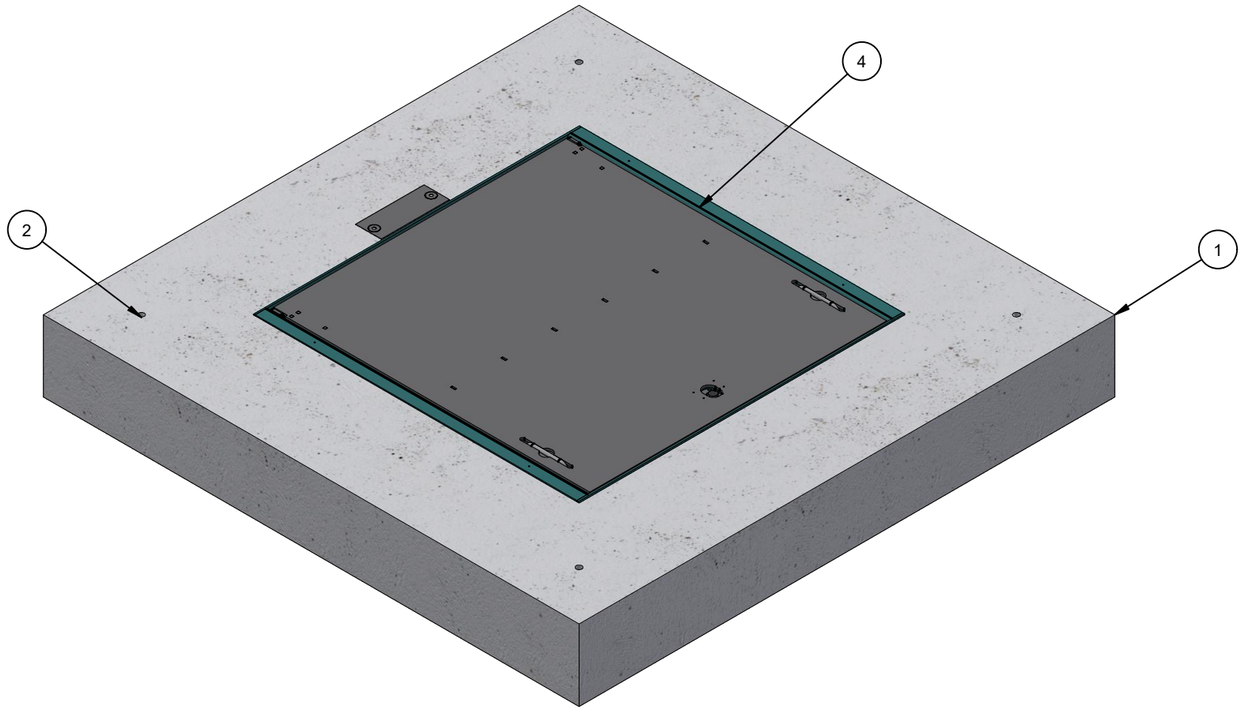
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

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

BILL OF MATERIALS

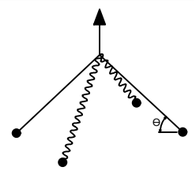
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	11.209 ft^3	11.209 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	1	4	100039973	Insert Ferrule Loop 0.625 x 3.5" 304SS (F42 or Equiv.)
3	1	1	300153586	REINFORCING MAT 300153586
4	1	1	200082102	CAS1-3333-CHF4-TRX-G-BD-GR-SL-PNW-OH07-332



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' - 0.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	1889.83 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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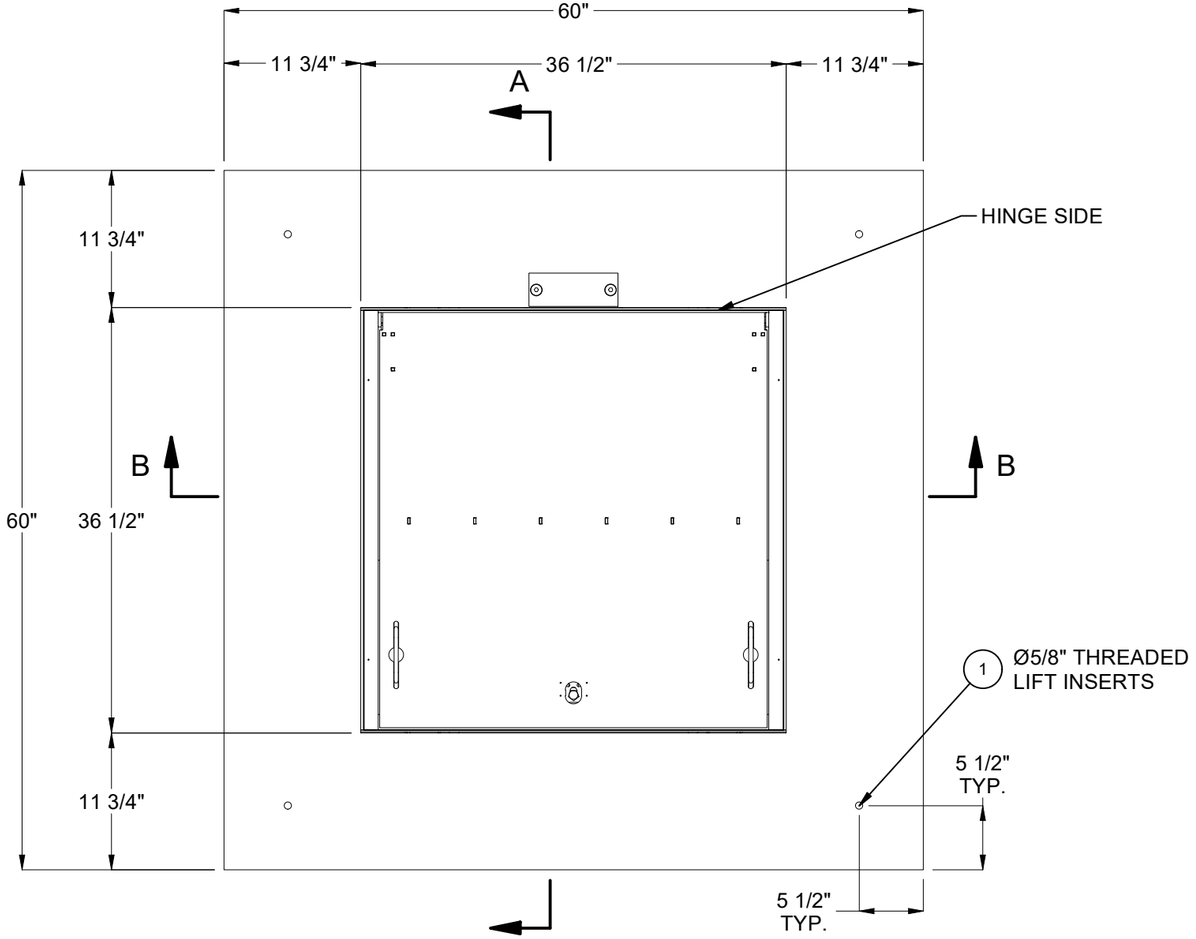
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CHANGE HISTORY

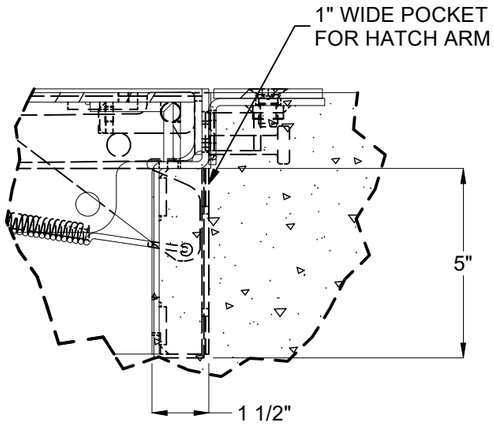
NO.	DESCRIPTION	DATE	BY
1	PRELIMINARY SUBMITTAL - 2306-55393	6/6/2023	SD
2	COVER CHANGED TO TRAX PLATE	9/17/2024	SD
3	2306-55393-12 REMOVE DROP KEY	11-4-26	MLR

DESCRIPTION:	Vault 5151x8 Slab Top 33"x33"C Cast-In Cover Assembly Tacoma Water 31863 CASTING LAYOUT		REV: C-1
PART NUMBER:	200076188	DRAWN BY:	MLR
CREATED:	6/6/2023	MODIFIED:	11/12/2026
			SHEET: 1 OF 2

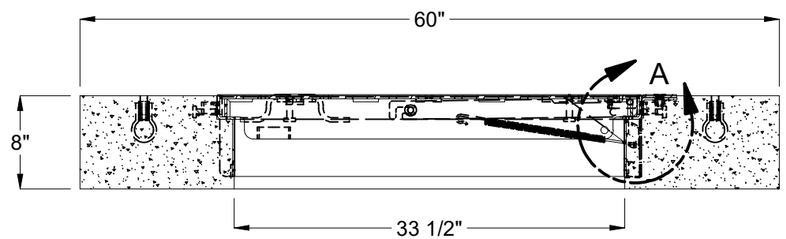
200076188.idw



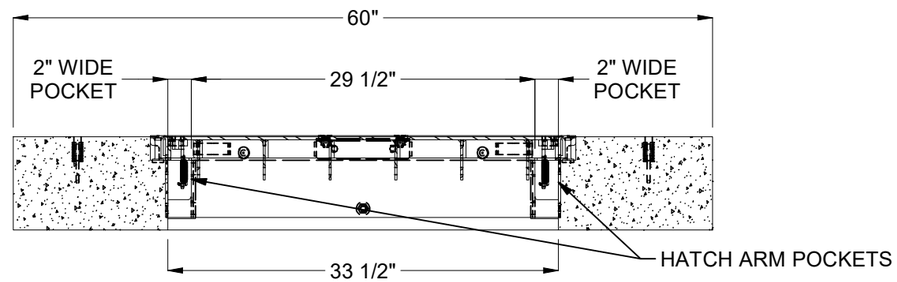
A
PLAN VIEW



DETAIL A
(HATCH ARM POCKET)



SECTION A-A



SECTION B-B

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	1889.83 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Insert

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

DESCRIPTION:	Vault 5151x8 Slab Top 33"x33"C Cast-In Cover Assembly Tacoma Water 31863 CASTING DRAWING		REV: C-1
PART NUMBER:	200076188	DRAWN BY:	MLR
CREATED:	6/6/2023	MODIFIED:	11/12/2026
			SHEET: 2 OF 2

200076188.idw