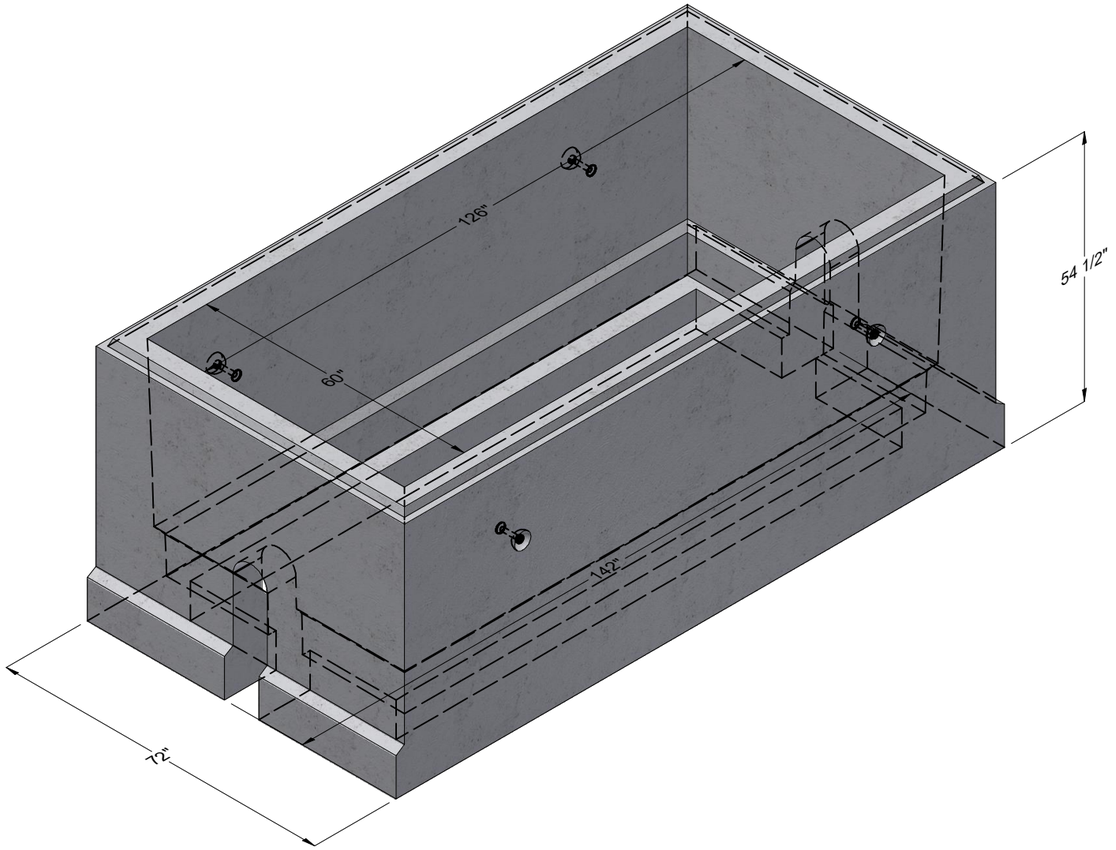
NOTES
■ FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	91.977 ft^3	91.977 ft^3	100011425	CONCRETE MIX GENERIC 5000 PSI
2	1	1	300125235	REINFORCING MAT 300125235
4	1	4	100002874	ANCHOR DOGBONE P52 4T X 4-3/4" GALV

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ISO REF

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 5000 PSI WITH 4 LIFT CONNECTIONS EQUALLY LOADED TO 4 LIFTING POINTS AT A MINIMUM 60° SLING ANGLE, MEASURED FROM HORIZONTAL.

BURY DEPTH:	5.4' - 11.4' to Inside Floor		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	13826.9 Lbs
DESIGN SPEC:	ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

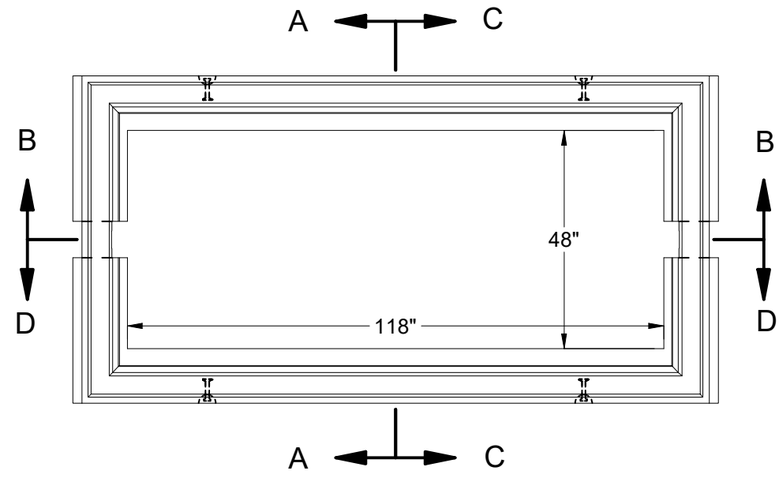
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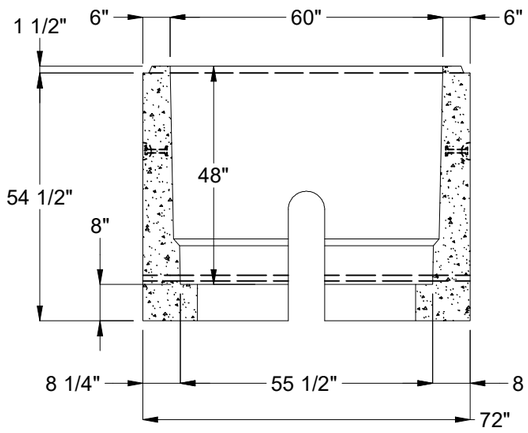
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REVISION HISTORY			
REV	DESCRIPTION	DATE	BY
1	2004-19604-NAZ INITIAL RELEASE		
2	CHANGE TO TYPE I CONFIGURATION	5/18/20	
3	ADDED 8" MOUSEHOLE	6/23/20	EDC

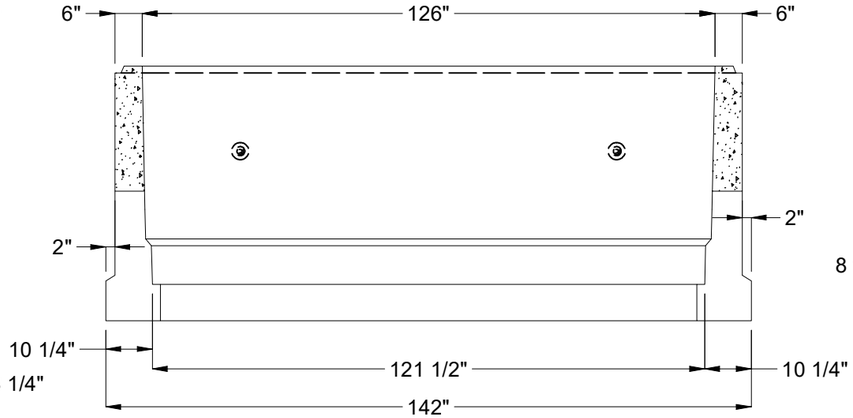
DESCRIPTION:	Vault 60126x48 Rect. Bottom Section CASTING LAYOUT			REV: A
PART NUMBER:	200040731	DRAWN BY:	E. CAMERON	SHEET: 1 OF 3
CREATED:	6/23/2020	MODIFIED:	7/9/2020	



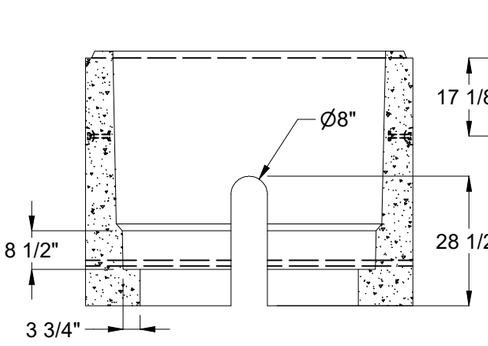
PLAN VIEW



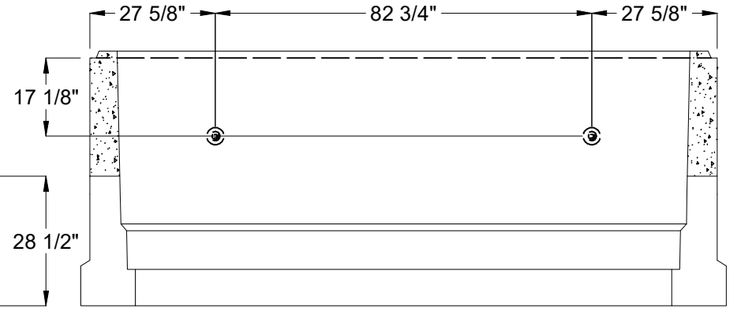
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

BURY DEPTH:	5.4' - 11.4' to Inside Floor		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	13826.9 Lbs
DESIGN SPEC:	ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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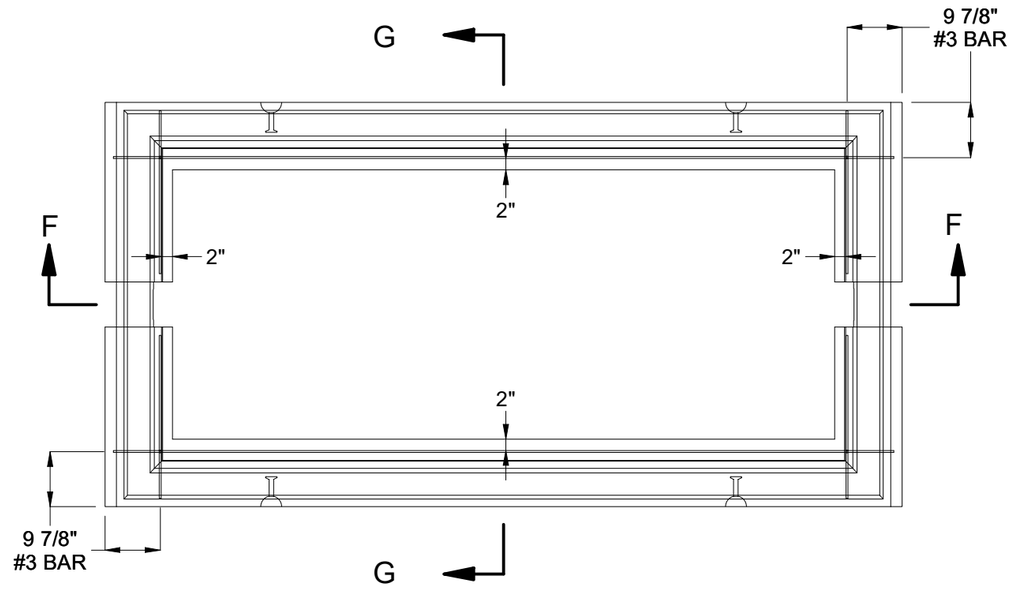
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DESCRIPTION:	Vault 60126x48 Rect. Bottom Section CASTING DRAWING		REV: A
PART NUMBER:	200040731	DRAWN BY:	E. CAMERON
CREATED:	6/23/2020	MODIFIED:	7/9/2020

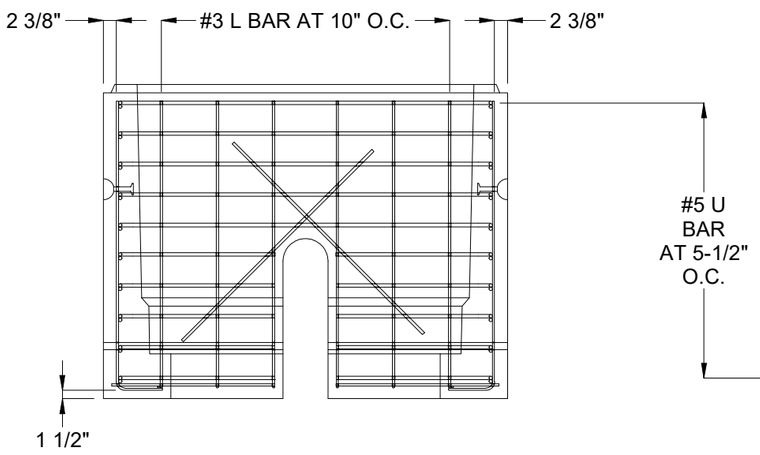
SHEET: 2 OF 3

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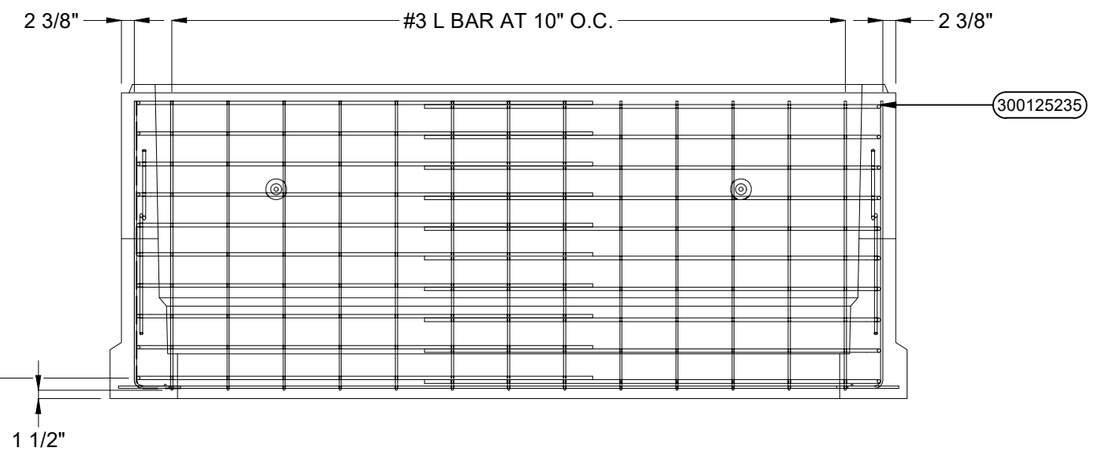
- ALL CONCRETE TO HAVE A 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI.
- REINFORCING STEEL SHALL COMPLY WITH ASTM A615 GRADE 60 OR ASTM A706 GRADE 60. BAR BENDING AND PLACEMENT SHALL COMPLY WITH THE LATEST ACI STANDARD. EQUIVALENT AREA WELDED WIRE REINFORCEMENT CAGES MAY BE UTILIZED IN LIEU OF GRADE 60 REINFORCING BARS.
- WELDED WIRE REINFORCEMENT SHALL COMPLY WITH ASTM A1064 GRADE 80 STANDARDS
- LIFTING INSERTS FOR HANDLING SHALL BE INSTALLED PER MANUFACTURER'S REQUIREMENTS.
- BURY DEPTH 5.4' - 11.4' TO Inside Floor
- WATER LEVEL: Below Structure
- DESIGN SPECIFICATION: ASTM C857
- LOADING SPECIFICATION: A-16 (AASHTO HS20-44)
- 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.



PLAN VIEW
BOTTOM SLAB TIE BARS



SECTION G-G



SECTION F-F

BURY DEPTH:	5.4' - 11.4' to Inside Floor		
WATER LEVEL:	Below Structure	APPROX. WEIGHT:	13826.9 Lbs
DESIGN SPEC:	ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Dogbone

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DESCRIPTION:	Vault 60126x48 Rect. Bottom Section CAGE REVIEW		REV: A
PART NUMBER:	200040731	DRAWN BY:	E. CAMERON
CREATED:	6/23/2020	MODIFIED:	7/9/2020
			SHEET: 3 OF 3

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