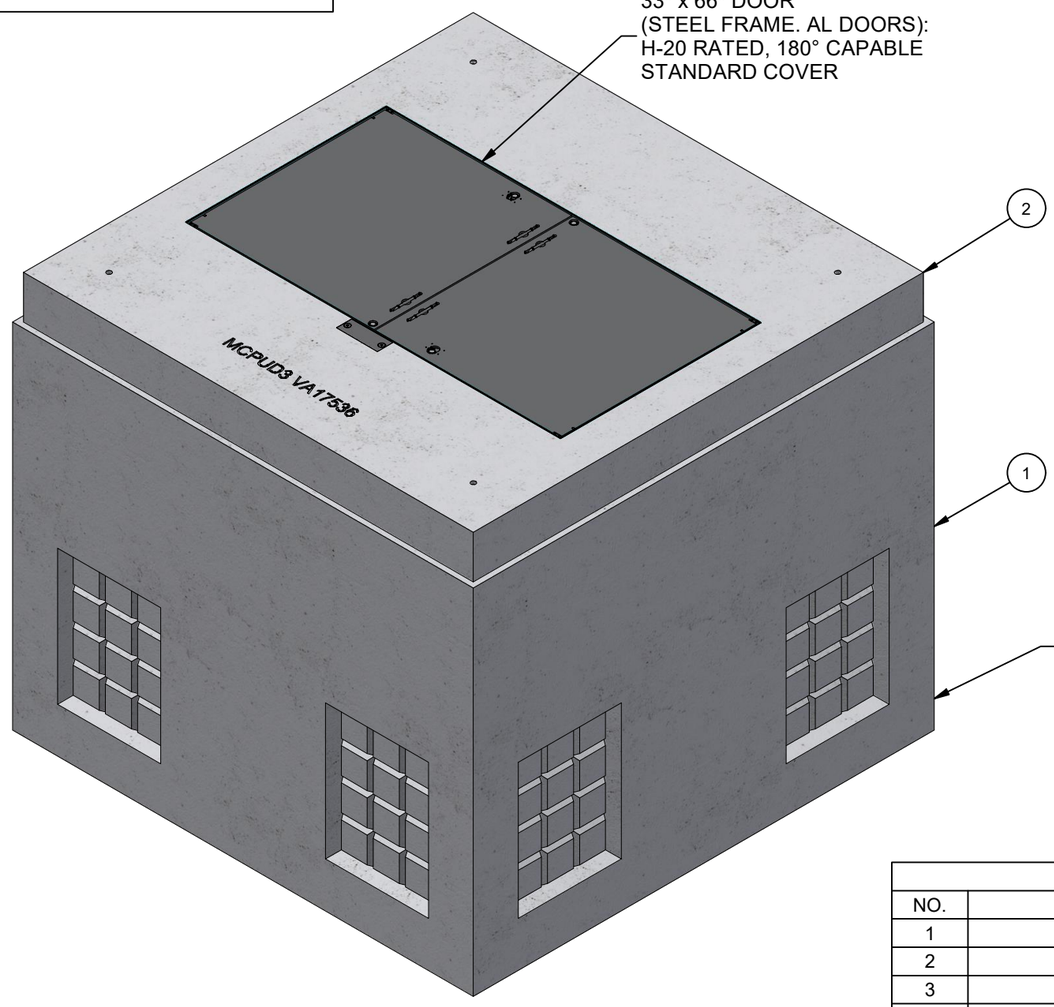
DESIGN NOTES
■ THIS PRODUCT MUST ONLY BE PRODUCED IN A JENSEN INFRASTRUCTURE FACILITY.
■ ALL CONCRETE MUST HAVE A 28 DAY COMPRESSIVE STRENGTH OF 7000 PSI.
■ REINFORCING STEEL MUST COMPLY WITH ASTM A615 GRADE 60 OR ASTM A706 GRADE 60.
■ EQUIVALENT AREA WELDED WIRE REINFORCING CAGES MAY BE UTILIZED IN LIEU OF GRADE 60 REBAR.
■ WELDED WIRE REINFORCING MUST COMPLY WITH ASTM A1064.
■ SEE TITLE BLOCK FOR BURY DEPTH RANGE, WATER TABLE LEVEL, AND DESIGN AND LOADING SPECIFICATIONS.
■ SOIL UNIT WEIGHT DRY – 110 lbs/cu.ft.
■ EQUIVALENT LATERAL EARTH PRESSURE DRY: 40 lbs/cu.ft.
■ SOIL UNIT WEIGHT WET – 120 lbs/cu.ft
■ EQUIVALENT LATERAL EARTH PRESSURE WET: 80 lbs/cu.ft.
■ UNLESS OTHERWISE NOTED OR SPECIFIED THE STRUCTURE MUST BE INSTALLED PER "JENSEN INFRASTRUCTURE UNDERGROUND UTILITY STRUCTURES INSTALLATION PROCEDURE" FOUND AT https://www.jensenprecast.com/Utility-Structures-Installation-Instructions-d2595.pdf

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	1	200078406	Vault 7676x61 Rect. Bottom Section Knockout Sump Mason PUD VA22075	11182
2	1	1	200078405	Vault 7676x9 Slab Top 33"x66"C Cast-In Cover Mason PUD VA17536	4015



ISO VIEW

CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	DRAWING CREATED	7/28/2023	E.Fine
2	GROUNDING BAR UPDATED	8/29/2023	E.Fine
3	KNOCKOUT LOCATION UPDATED	9/19/2023	E.Fine
4	TOP SLAB LIFTING UPDATED	9/25/2023	E.Fine
5	PROPERTIES UPDATED	10/13/2023	E.Fine
6	GROUNDING BAR UPDATED	7/15/2025	A.Viveiros

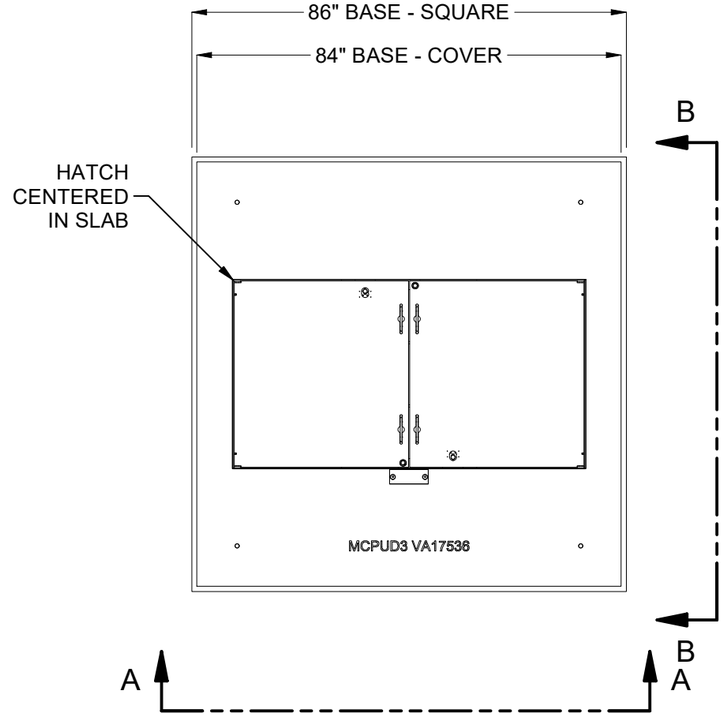
BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	15086.23 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Mason PUD	AGENCY SPEC:	776-LA

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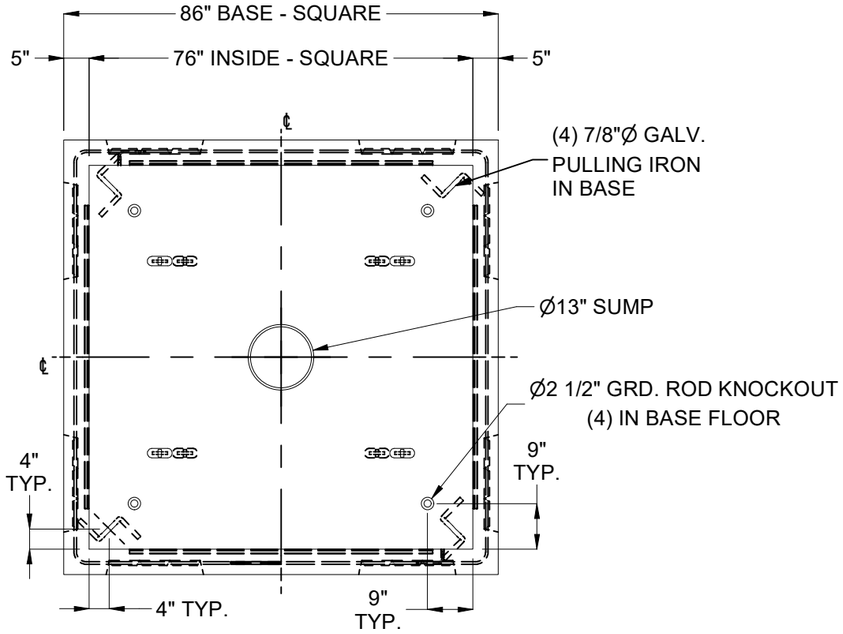
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DESCRIPTION:	Vault Layout 7676x60 Knockout Sump 33"x66"C Mason PUD 776-LA LAYOUT REVIEW		REV: E-1-1
PART NUMBER:	200078404	DRAWN BY:	A. Viveiros
CREATED:	7/26/2023	MODIFIED:	9/29/2025
			SHEET: 1 OF 2

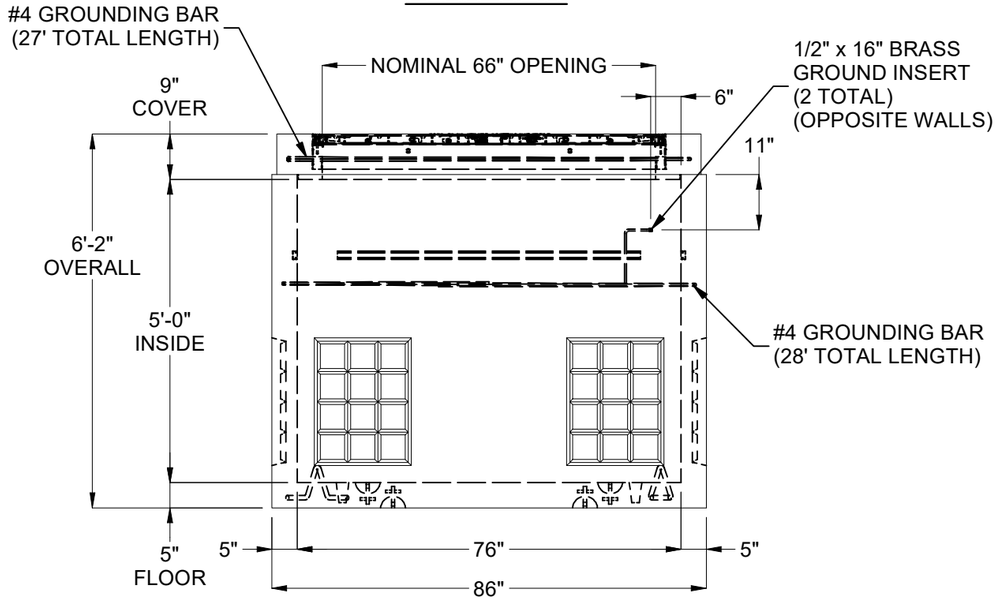
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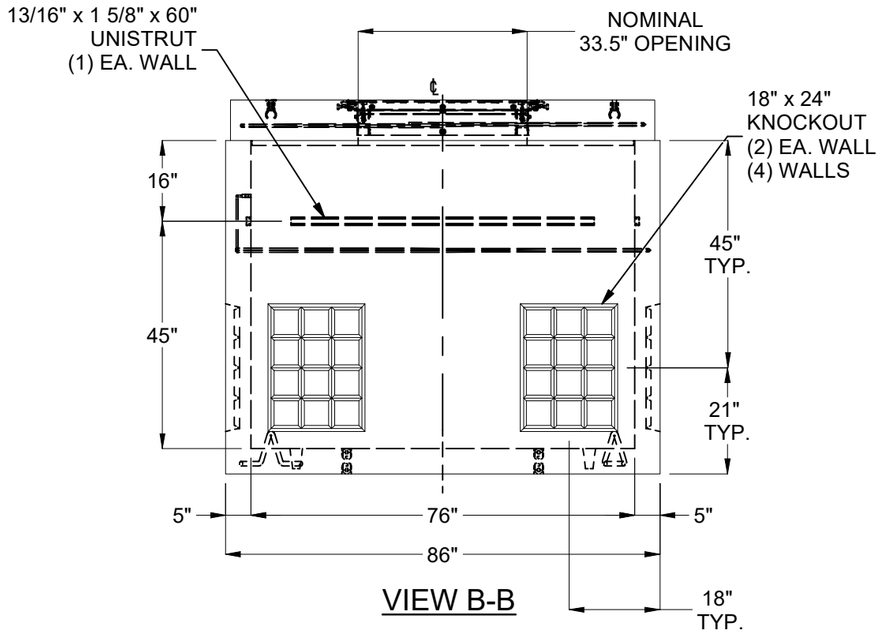
PLAN VIEW



PLAN VIEW
(NO COVER)



VIEW A-A



VIEW B-B

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	15086.23 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Mason PUD	AGENCY SPEC:	776-LA

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DESCRIPTION:	Vault Layout 7676x60 Knockout Sump 33"x66"C Mason PUD 776-LA LAYOUT DRAWING		REV: E-1-1
PART NUMBER:	200078404	DRAWN BY:	A. Viveiros
CREATED:	7/26/2023	MODIFIED:	9/29/2025
			SHEET: 2 OF 2

200078404.idw