DESIGN NOTES:

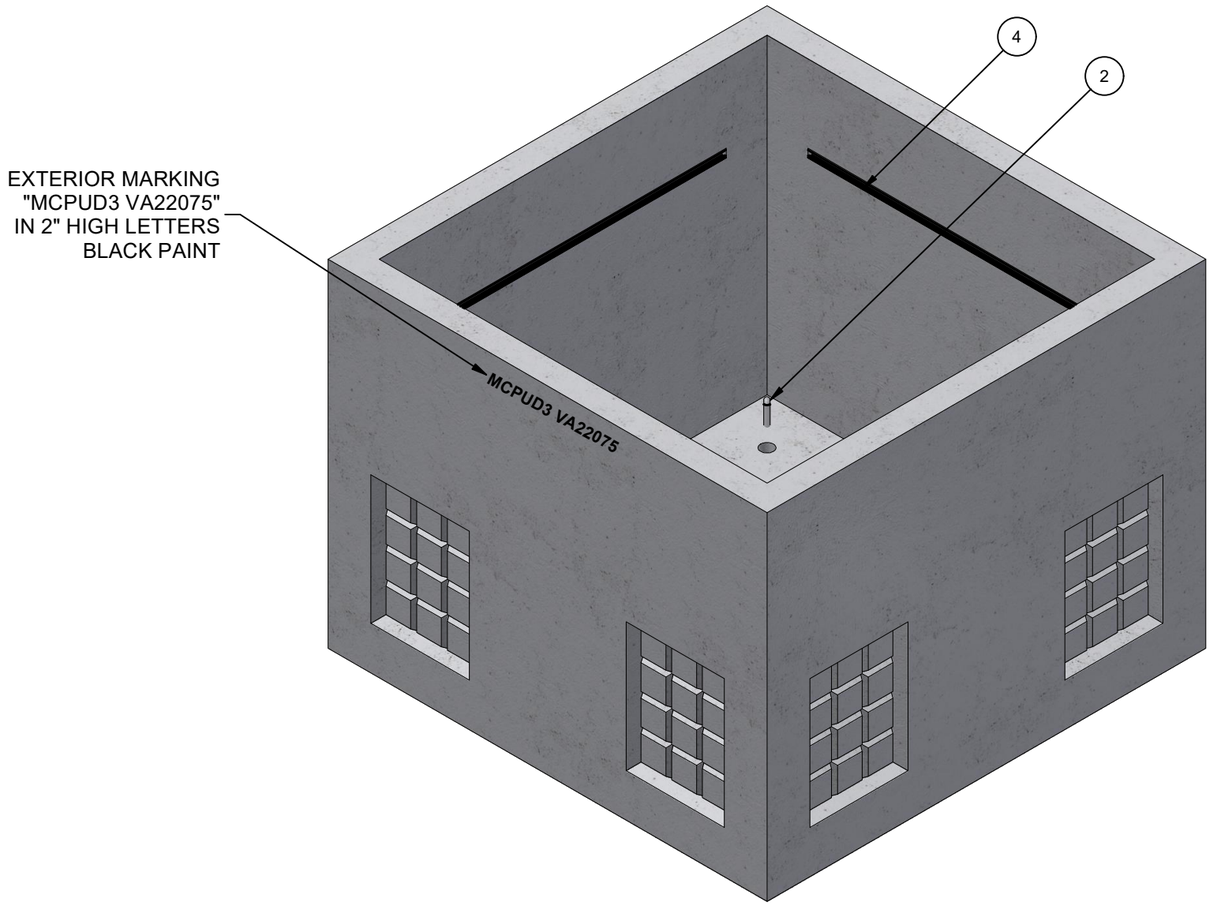
- CONCRETE SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI
- SOIL UNIT WEIGHT DRY - 110 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE DRY - 40 lbs/cu.ft.
- SOIL UNIT WEIGHT WET - 120 lbs/cu.ft.
- EQUIVALENT LATERAL PRESSURE WET - 80 lbs/cu.ft.

PRODUCTION NOTES:

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

BILL OF MATERIALS

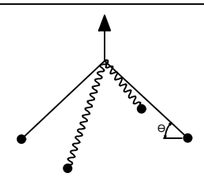
ITEM	QTY	PART NUMBER	DESCRIPTION
1	73.900 ft^3	100011429	CONCRETE MIX GENERIC 7000 PSI
2	4	100003026	PULL IRON OFFSET .875DIA 6 IH X 10.875L X 6.75W GALV
3	2	100041375	GROUND INSERT BOTTLE ROCKET 1/2-13 BRONZE w/ 0.375x16" STEEL ROD
4	240.0000 in	100022114	STRUT C-CHANNEL 13/16 X 1-5/8 16GA SOLID GALV SHALLOW W-400/P4000
5	1	300153717	REINFORCING MAT 300153717
6	1	300153718	REINFORCING MAT 300153718
7	8	100042535	ANCHOR FLEET-LIFT 4T T-ANCHOR P94 FL848G DAYTON - GALV



ISO LAYOUT

200078406.idw

LIFTING NOTES
■ THIS CONCRETE PRODUCT IS DESIGNED TO BE LIFTED AT 4000 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:	0.7' - 0.7' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	11181.95 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

Infrastructure
JENSEN
WWW.JENSENPRECAST.COM

©2026 Jensen Infrastructure - All rights reserved.
All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action. This product shall only be produced in a Jensen Infrastructure facility.

CHANGE HISTORY

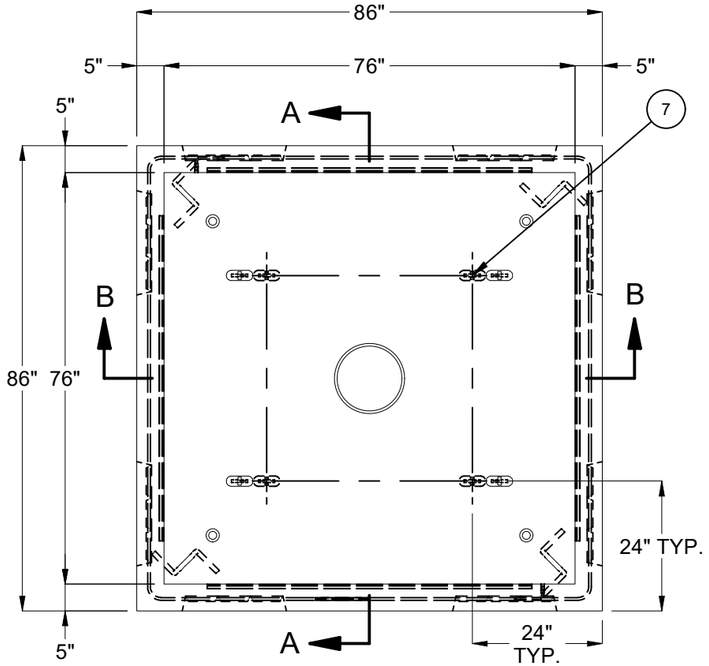
NO.	DESCRIPTION	DATE	BY
1	DRAWING CREATED	7/6/2023	E.Fine
2	GROUNDING BAR UPDATED	8/29/2023	E.Fine
3	KNOCKOUT LOCATION UPDATED	9/19/2023	E.Fine
4	PROPERTIES UPDATED	10/13/2023	E.Fine
5	STANDARDIZED FEATURE PLACEMENTS AND REINFORCING	7/15/2025	A.Viveiros
6	MINOR REIF. UPDATES	9/16/2026	SD

DESCRIPTION:
Vault 7676x61 Rect. Bottom Section Knockout Sump Mason PUD VA22075
CASTING LAYOUT

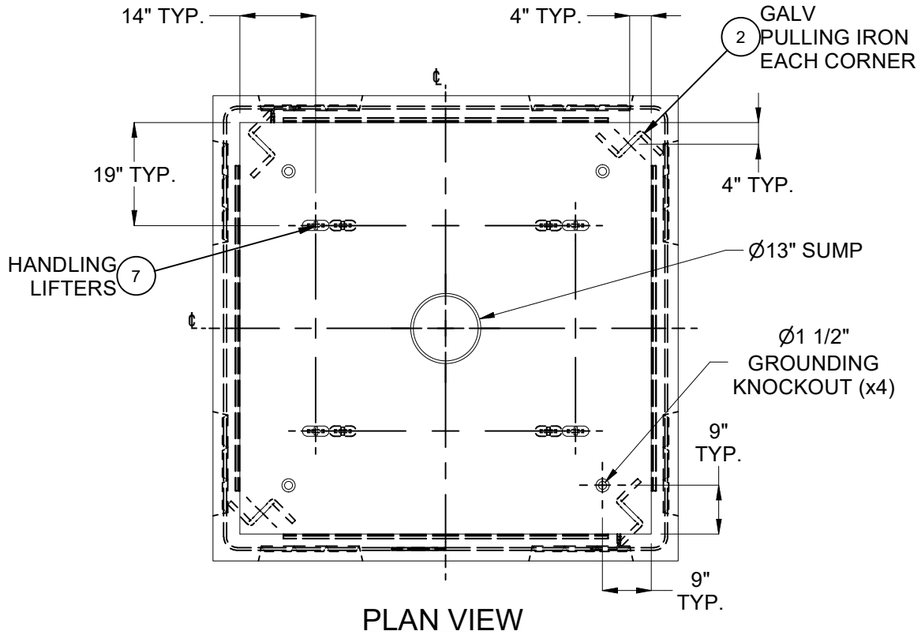
REV: E-2

PART NUMBER:	200078406	DRAWN BY:	S. de Lange Boom
CREATED:	7/26/2023	MODIFIED:	9/16/2026

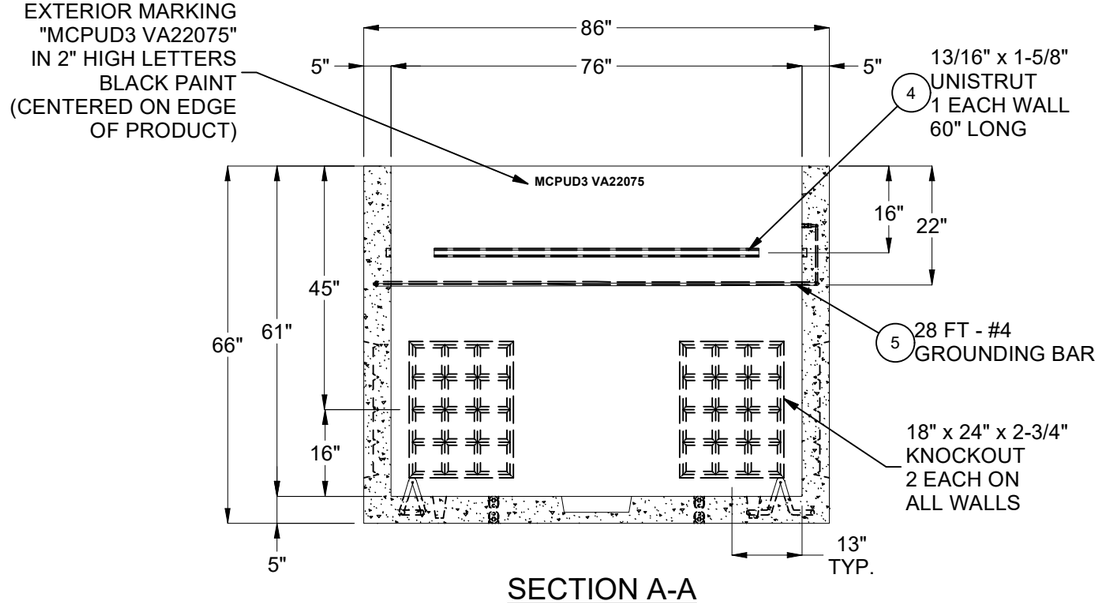
SHEET: 1 OF 2



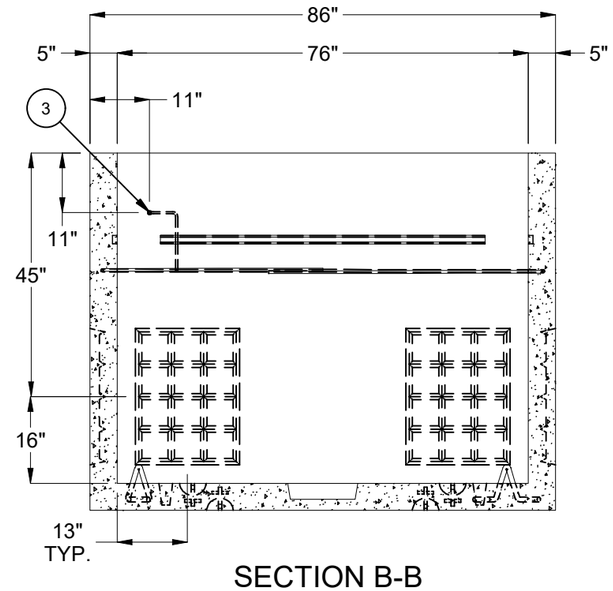
PLAN VIEW
(SHOWING DEMOLDING LIFTERS)



PLAN VIEW
(SHOWING OBJECT DIMENSIONS)



SECTION A-A
(OPPOSITE SIDE IDENTICAL)



SECTION B-B
(OPPOSITE SIDE IDENTICAL)

BURY DEPTH:	0.7' - 0.7' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	11181.95 Lbs
DESIGN SPEC:	ACI 318,ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
REINFORCEMENT TYPE:	Rebar	LIFTING TYPE:	Tech Erection Anchor

Infrastructure
JENSEN
WWW.JENSENPRECAST.COM

©2026 Jensen Infrastructure - All rights reserved.
All materials appearing as Jensen Infrastructure documents and the like are proprietary work product and are protected under U.S. copyright and other laws.
Unless in conjunction with business conducted with Jensen Infrastructure , any use of Jensen Infrastructure work product without express, written consent is prohibited, and recipient is prohibited from distributing any and all work product to non-approved third parties under penalty of civil action. This product shall only be produced in a Jensen Infrastructure facility.

DESCRIPTION:	Vault 7676x61 Rect. Bottom Section Knockout Sump Mason PUD VA22075 CASTING DRAWING		REV: E-2
PART NUMBER:	200078406	DRAWN BY:	S. de Lange Boom
CREATED:	7/26/2023	MODIFIED:	9/16/2026
			SHEET: 2 OF 2

200078406.idw