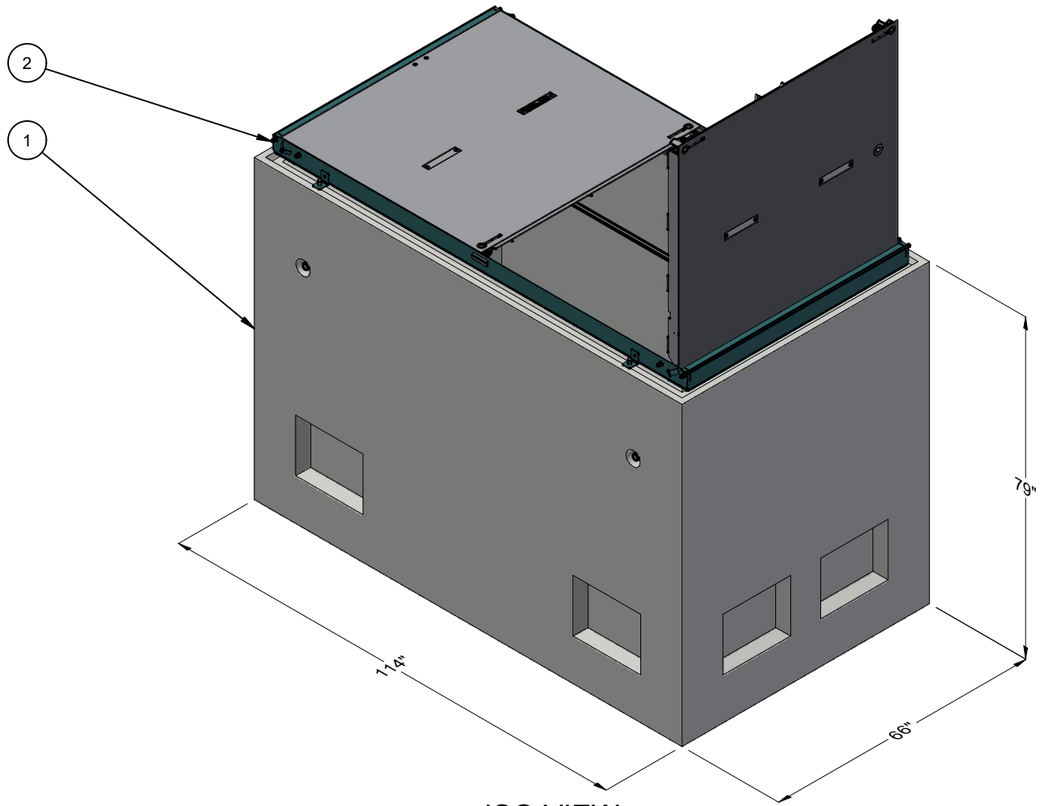
DESIGN NOTES
■ THIS PRODUCT MUST ONLY BE PRODUCED IN A JENSEN INFRASTRUCTURE FACILITY.
■ ALL CONCRETE MUST HAVE A 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI.
■ REINFORCING STEEL MUST COMPLY WITH ASTM A615 GRADE 60 OR ASTM A706 GRADE 60.
■ EQUIVALENT AREA WELDED WIRE REINFORCING CAGES MAY BE UTILIZED IN 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	200045468	Vault 54102x72 Rect. Bottom Section Flat Thinwall Sump TID TID	16575
2	1	1	100002425	CAB2-54102-AH3-TRX-G-BD-SG-SAC-PG&E-OH08-SPLICE	749

200106442.idw



ISO VIEW

U-2146-6

CHANGE HISTORY			
NO.	DESCRIPTION	DATE	BY
1	INITIAL RELEAS	9/12/2025	HA
2			
3			

BURY DEPTH:	0.0' - 0.5' to Top		
WATER LEVEL:	5.0'	APPROX. WEIGHT:	17324.28 Lbs
DESIGN SPEC:	ACI 318,ASTM C890	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	Turlock Irrig Dist	AGENCY SPEC:	U-2146-6

Infrastructure
JENSEN
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DESCRIPTION: Vault Layout 54102x72 Turlock Irrig Dist U-2146-6 LAYOUT REVIEW			REV:
PART NUMBER:	200106442	DRAWN BY: H.Alnuaimi	SHEET: 1 OF 1
CREATED:	9/9/2025	MODIFIED:	9/12/2025