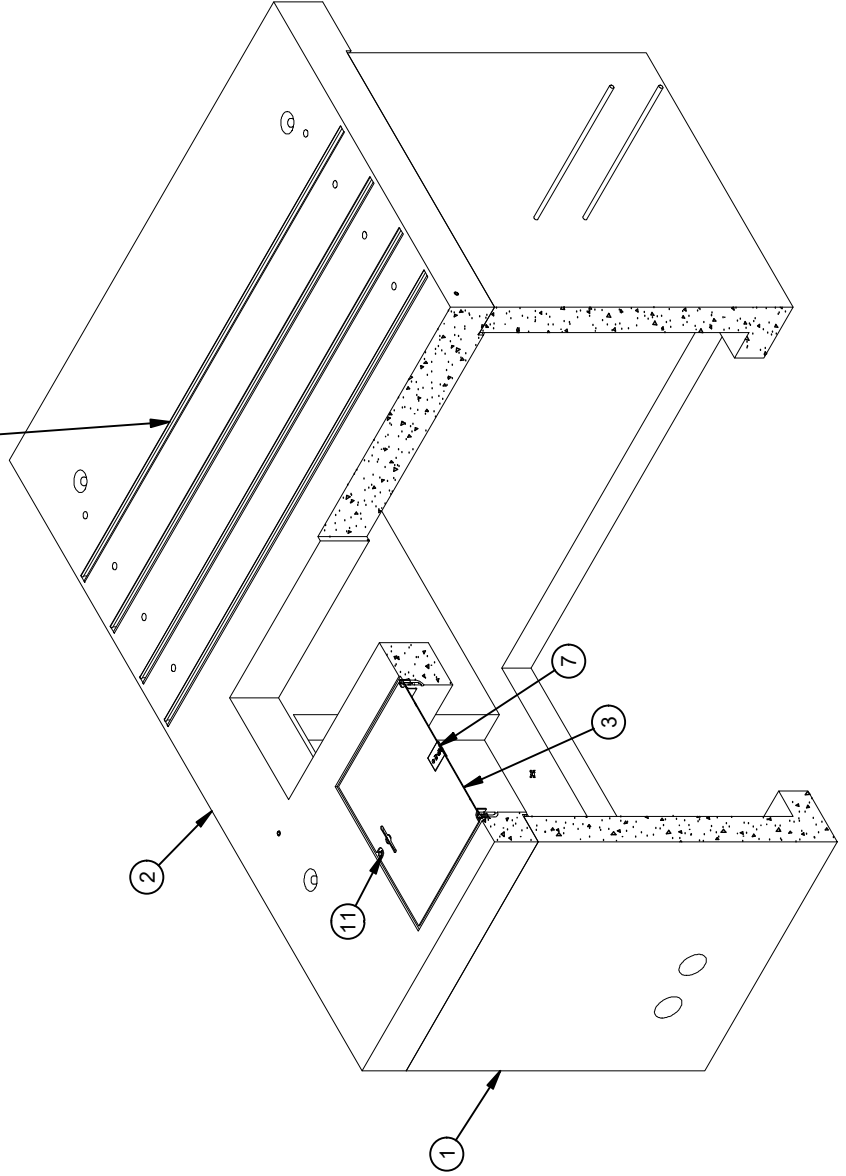


DESIGN NOTES

- CONCRETE DESIGNED IN ACCORDANCE WITH L.A.D.W.P. SPEC. P178, ACI 318R-11, AND ASTM C857-14, USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AT 28 DAYS AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALC. #32950.
- COVER IS DESIGN FOR 300 PSF PARKWAY LOADING PER CALC. #32215.
- INSTALLATION. VAULT TO BE PLACED ON A MIN. 6" COMPACTED CRUSHED ROCK 1", GRADE A or CONCRETE AGGREGATE #3, GRADE B (SSPWC, SUBSECTIONS 200-1.2 & 200-1.4), INSTALLATION AND EVEN LOAD DISTRIBUTION.
- CONCRETE MIX USED IN POURING THIS PRODUCT SHALL USE FLY ASH AND DCI AS AN ADMIXTURE.
- EACH CONCRETE SECTION SHALL BE STENCILED ON THE INSIDE & OUTSIDE WITH "JENSEN PRECAST", THE DESIGNATION "DWP/FA-CN" or "DWP/F-CN-SC" IF SCC MIX USED, AND THE DATE OF POUR.
- EACH CONCRETE SECTION SHALL HAVE CAST-IN ON THE INSIDE "JENSEN", THE YEAR, AND THE DESIGNATION "FA-CN" or "F-CN-SC" IF SCC MIX USED.
- MINIMUM EXCAVATION SIZE: 10'-0" X 12'-0" X DEPTH REQ'D.
- FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

STRUT C-CHANNEL
1-5/8" X 1-5/8" X 106"



ISO VIEW

LIFTING NOTES

- FIELD INSTALLATION: PLANT DEMOLING: MINIMUM HANDLING CONCRETE STRENGTH F_c = 5500 PSI RIGGING EQUALIZER REQUIRED TO EQUALIZE LOAD TO 4 LIFTING POINTS WITH A SLING ANGLE BETWEEN 60° AND 90°

BURY DEPTH:	-0.8' - 0.8' to Top of Top Slab		
WATER LEVEL:	Below Structure	WEIGHT:	26779.34 Lbs
DESIGN SPEC:	ASTM C857	LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY:	LADWP	AGENCY SPEC:	UB721-19

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	MASS(lb)
1	1	1	100012301	Vault 96120x55 Rect. Bottom Section Flat Terminators LADWP UB721-19-G2	16019
2	1	1	100012258	Pad 108144x10 LADWP UB721-19	10427
3	1	1	100006640	DAS1-SD-3048-DX-DP-G-FONT-PAGV (SC3048 PAGV)	125
4	1	6	100007116	ROD THREADED NC E-PLTDW/NUT&WSHR 7/8 X 14	
5	1	2	100005170	STRUCTURAL ANGLE EQUAL - A36 STEEL - L 6 x 6 x 3/8	35
6	1	2	100007587	PLATE 1X10X30 W/HLS 3/8 PLT WLD GALV	25
7	1	1	100006748	NAME PLATE SS - LADWP-E	
8	1	2	100006067	STRUT SLOTTED C-CHANNEL 1-5/8 X 1-5/8 12GA BOLT-ON GALV 72IN	5
9	1	12	100008101	SCREW BUTT HEAD CAP 1/2-12 2 304SS	
10	1	15	100007134	WASHER FLAT 1/2 REGULAR TYPE A 316SS	
11	1	4	100007122	BOLT PENTA 1/2-13 UNC 0.875 HEAD 1.5L 304SS	
12	1	6	100003545	BOLT HEX 3/4-10 UNC 2 ZINC	2
13	1	2	100007113	ROD THREADED COIL YELLOW DIP 3/4 X 18"	
14	1	8	100007010	HEX COIL NUT 3/4-4.5 ZINC - PLATED	
15	1	4	100008121	WASHER 3X3X.5 W.875 HOLE GALV	1
16	1	1	100006787	ANGLE F4864-CT49 GALV	20
17	1	3	100004043	BOLT HEX 1/2-13 UNC 1.5 316SS	
18	1	1	100007588	PLATE 8X1/4X7-8 W/SLOTS GALV	25
19	1	2	100008106	PENTA BOLT 5/8X1-1/2 W/CAPWASH	
20	1	2	100007071	BRACKET GALV	7
21	1	2	100009239	ROD THREADED COIL YELLOW DIP 3/4 X 10-1/2"	1
22	1	4	100002664	WASHER FLAT 3/4 REGULAR TYPE A GALV	
23	1	2	100003782	HEX COIL BOLT 3/4 X 4 PLAIN	
24	1	1	100005749	SEALANT JOINT BUTYL RUBBER ASTM C-990 AND M198 CS-102 1IN EQUIV X14.5FT PER BOX 118FT	

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REVISION HISTORY		DATE	APPROVED
REV	DESCRIPTION		
B	REVISED THROUGH HOLES & ADDED EXTRA 3/4" INSERTS	11/23/2021	

DESCRIPTION:
Utility Vault 96120 Layout Assembly LADWP UB721-19-G2

LAYOUT REVIEW

PART NUMBER: 100010633 DRAWN BY: J. Prado

CREATED: 12/17/2019 MODIFIED: 11/23/2021

REV: C-165 SHEET: 1 OF 2

