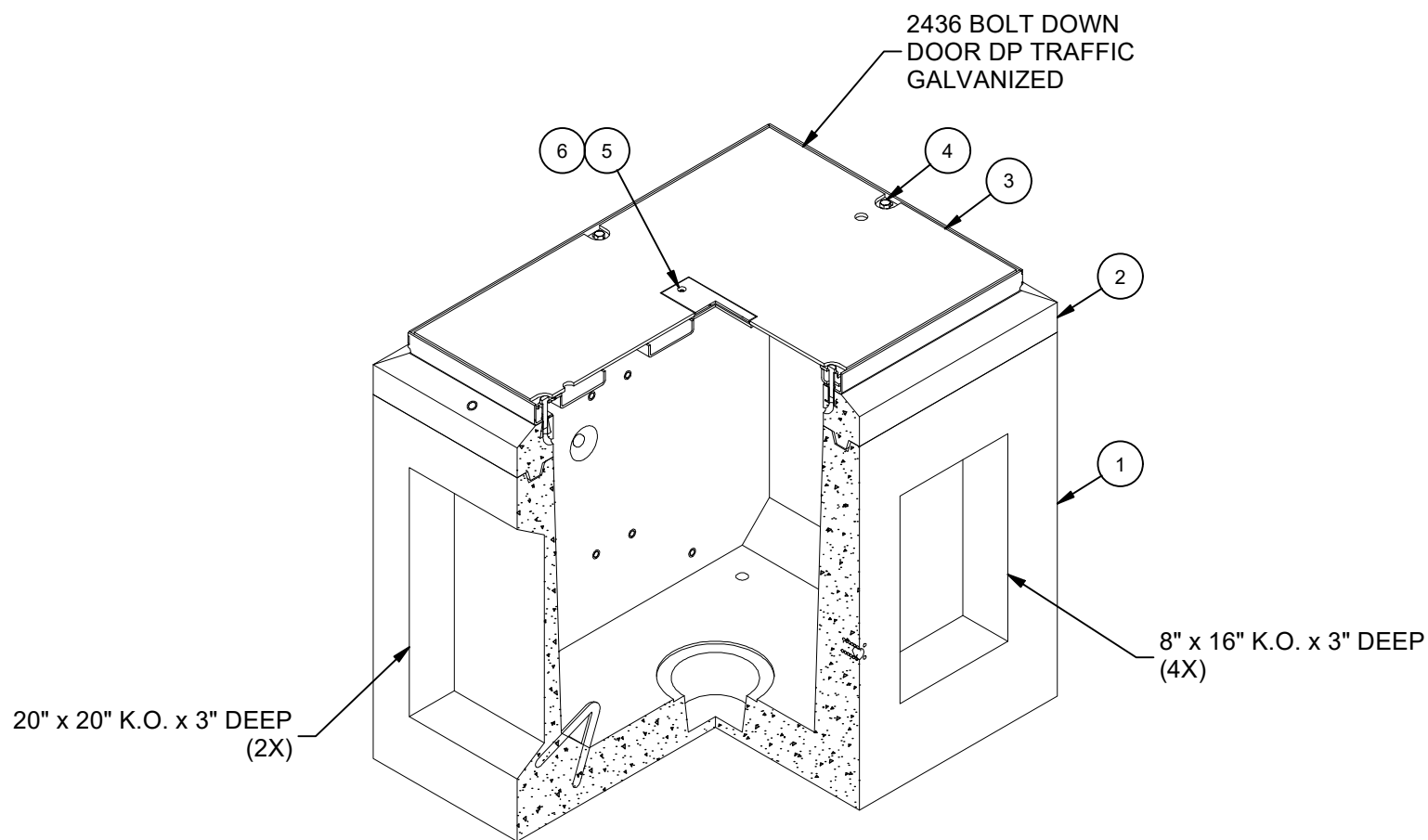


DESIGN NOTES

- DESIGNED IN ACCORDANCE WITH AASHTO HS20-44 TRAFFIC BRIDGE LOADING USING 5,500 PSI COMPRESSIVE STRENGTH CONCRETE AND 60,000 PSI YIELD STRENGTH ASTM A-706 STEEL REINFORCEMENT PER CALCS. #31387.
- COVER DESIGNED FOR 16,000 LB LOAD ON 10" X 20" FOOTPRINT, WITH 30% IMPACT RESTRICTED TO UNRESTRICTED PARKING LANES AND ALLEYS WHERE TRAFFIC SPEED IS LIMITED TO 15 MILES PER HOUR. (ASTM LOAD LEVEL 5)
- MINIMUM EXCAVATION SIZE: 3'-8" X 4'-8" X DEPTH REQ'D.
- VAULT TO BE PLACED ON A MIN. 6" BASE OF CRUSHER RUN FOR EASE OF INSTALLATION AND EVEN LOAD DISTRIBUTION.
- ALL PARTS TO BE STENCILED: MFG DATE / JOB NUMBER / PRODUCT ID / WEIGHT.
- FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

BILL OF MATERIALS

ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	1	100012131	Vault 2436x30 Rect. Bottom Section Knockout Sump	1726
2	1	1	100012124	Vault 2436x6 Rect. Top Section 24"x36"C LADWP/EDISON	217
3	1	1	100006612	DAS1-SD-2436-D5-DP-G-FONT-(SC2436-TGV)	157
4	1	4	100004349	BOLT HEX 1/2-13 UNC 2.5 304SS	
5	1	1	100006739	FONTANA NAME PLATE SS BLANK	
6	1	1	100007650	NAME PLATE HARDWARE KIT	
7	1.000 ul	1.000 ul	100005749	SEALANT JOINT BUTYL RUBBER ASTM C-990 AND M198 CS-102 1IN EQUIV X14.5FT PER BOX 118FT	



ISOMETRIC VIEW

LIFTING NOTES

- FIELD INSTALLATION: PLANT DEMOLDING: 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:	0.0' - 0.0' to Top
WATER LEVEL:	3.0'
DESIGN SPEC:	ACI 318, ASTM C857
AGENCY:	
APPROX. WEIGHT:	2101.05 Lbs
LOADING SPEC:	A-16 (AASHTO HS20-44)
AGENCY SPEC:	



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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B-1	REVISED DESCRIPTION & ADDED RECESS AT SUMP	6/13/2024	

DESCRIPTION:	Vault Layout 2436x36 Knockout Sump 24"x36"C Traffic Galv		REV:	B-1	
LAYOUT REVIEW					
PART NUMBER:	100010298	DRAWN BY:	J. Prado		
CREATED:	9/9/2021	MODIFIED:	6/13/2024		
				SHEET:	1 OF 2

100010298.rdw

