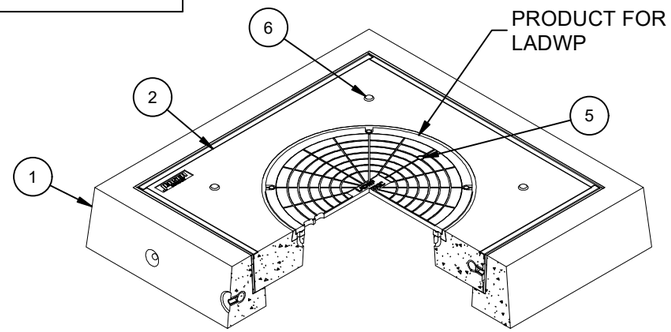
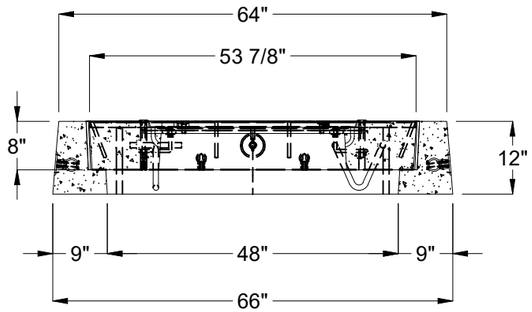
BILL OF MATERIALS

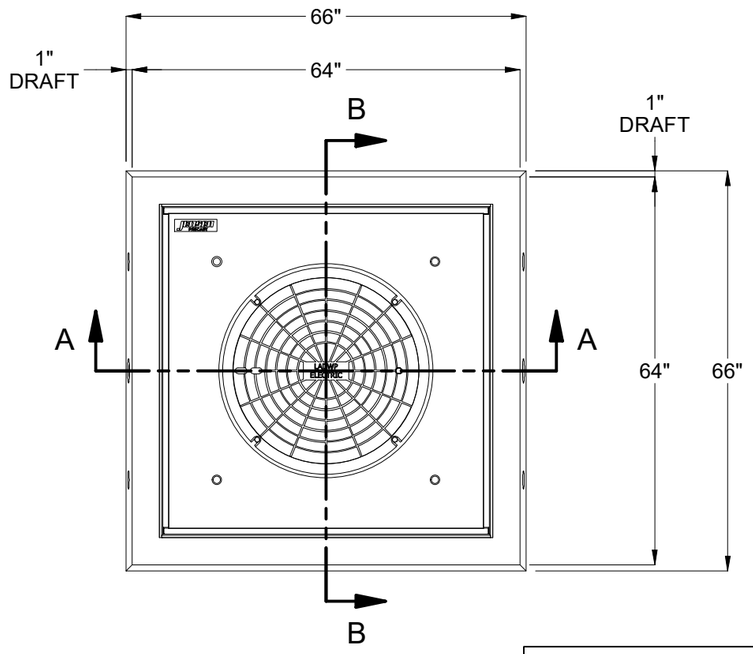
ITEM	UNIT QTY	QTY	PART NUMBER	DESCRIPTION
1	1	1	100012389	Vault Neck 4848x12 LADWP
2	1	1	200018730	Plug Cover 4848x8 Slab Top 30"C LADWP 1-802 G-1B R-1581
3	1	1	100006916	CI COVER 30DIA NF 1581-0049 ASTM A48 CL35B PH B/D LADWP ELECTRIC
4	1	4	100022412	PENTA BOLT 5/8-11 UNC 1-5/8 HD 304SS
5	1	1	100008122	PLUG PICKHOLE NEOPRENE RUBBER CI COVER ED/LA
6	1	4	100008123	PLUG VN CONCRETE SLAB PLASTIC



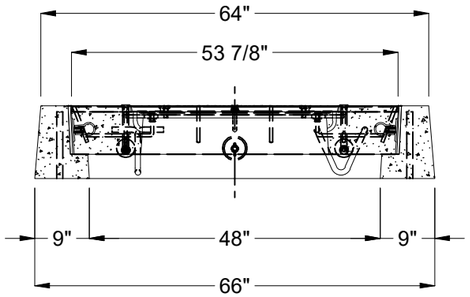
ISOMETIC VIEW



SECTION A-A



PLAN VIEW



SECTION B-B

NOTES:

- STANDARDS. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, WITH 2022 CALTRANS AMENDMENTS, CITY OF LOS ANGELES BUREAU OF ENGINEERING STANDARD PLAN S-601-3, P178-R8 WHERE APPLICABLE, MANUAL PART H, ASTM C-857. STRUCTURAL CALCS. #33389, 33389B. RESTRAINT SYSTEM PER LADWP SPEC 1-802.2.
- MATERIAL. CONCRETE, F'c=5,500 PSI. MIX TO INCLUDE FLY ASH AND DCI. REINFORCEMENT PER ASTM A-706, Fy=60,000.
- LOADS. VERTICAL LIVE LOAD: AASHTO HL-93, INCLUDING GREATER OF HS-20 TRUCK, TANDEM, OR PERMIT. LIVE LOAD SURCHARGE PER LA BOE PART H, FIGURE H 374.2A. SOIL LATERAL LOADS: 40 PCF (DRY), 81 PCF (SATURATED). SEE VAULT OR MANHOLE DRAWING FOR SOIL BEARING CAPACITY INFORMATION. DESIGN SOIL DENSITY IS 120 PCF.
- LOADS NOT INCLUDED. DESIGN DOES NOT INCLUDE COOPER E-80 RAILROAD LOADS OR LATERAL OR SURCHARGE LOADS THAT ARE PRODUCED BY FOOTING OR FOUNDATIONS ADJACENT TO THE STRUCTURE. THIS SUBSTRUCTURE SHALL BE KEPT AT LEAST IN A 1:1 RATIO AWAY FROM ALL FOOTINGS AND FOUNDATIONS, UNLESS THE ENGINEER OF RECORD APPROVES IN WRITING.
- INSTALLATION LIMITS OF CONCRETE EXTENSIONS IS 5'-0" DEEP.
- EACH CONCRETE SECTION SHALL BE MARKED ON THE INSIDE & OUTSIDE WITH "JENSEN PRECAST", THE DESIGNATION "DWP/FA-CN" AND THE DATE OF THE POUR.
- "JENSEN", THE YEAR, AND THE DESIGNATION "FA-CN" SHALL BE CAST IN THE TOP OF THE NECK, THE SIDE OF THE COVER, AND ON THE INSIDE OF THE EXTENSIONS.
- EACH PIECE TO BE STENCILIED WITH ITS PART NO.
- EXTENSIONS MAY BE REUSED IF UNDAMAGED.
- ADDITIONAL SUBMITTAL, PERMIT AND CONSTRUCTION PLAN REVIEW WILL BE REQUIRED FOR EACH PROJECT LOCATION. SUBMIT TO CITY ENGINEER FOR APPROVAL PRIOR TO START OF ANY CONSTRUCTION.
- ALL INSTALLATIONS SHALL COMPLY WITH ALL OTHER LOCAL GOVERING CODES AND REGULATIONS INCLUDING CALIFORNIA PUBLIC UTILITIES COMMISSION REGULATIONS.
- INSTALLATION OF NECK AND EXTENSIONS PER LADWP 1-802.

BURY DEPTH:	0.0' - 0.0' to Top		
WATER LEVEL:	3.0'	APPROX. WEIGHT:	3367.48 Lbs
DESIGN SPEC:	AASHTO LRFD	LOADING SPEC:	AASHTO HL-93
AGENCY:	LADWP	AGENCY SPEC:	1-802 G-1B

Infrastructure
JENSEN
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REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
F-1	REVISED TOP SURFACE TO DIAMOND PLATE	2/19/2025	

DESCRIPTION:	Vault Neck and Plug Cover Assembly 4848x12 LADWP 1-802 G-1B LAYOUT REVIEW		REV: F-1
PART NUMBER:	200020472	DRAWN BY: J. Prado	SHEET: 1 OF 1
CREATED:	10/26/2018	MODIFIED: 2/19/2025	

200020472.idw