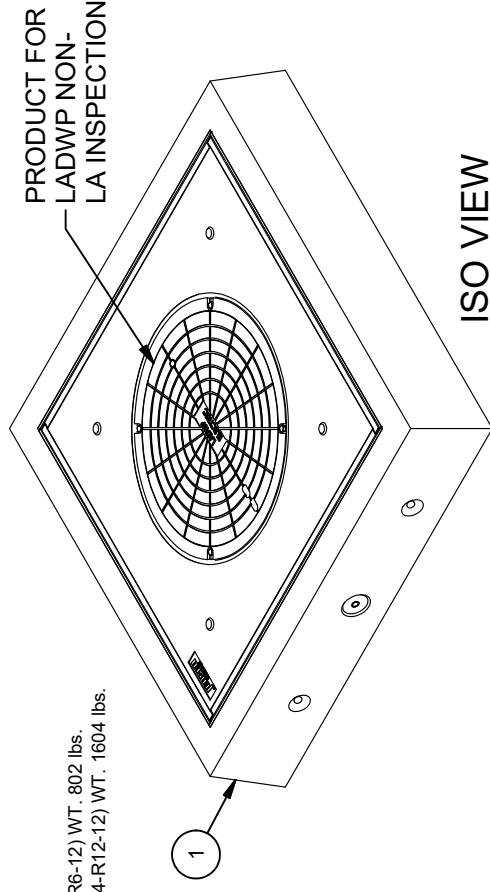


BILL OF MATERIALS

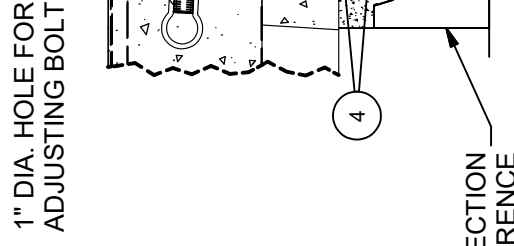
ITEM	QTY	PART NUMBER	DESCRIPTION	MASS (lb)
1	1	200060771	Vault Neck and Plug Cover Assembly 4848x12 30°C LADWP 1-802 G-1B R-1581	3325
2	4	100009239	ROD THREADED COIL YELLOW DIP 3/4 X 10-1/2	
3	8	100007010	HEX COIL NUT 3/4-4.5 POST YELLOW DIP	
4	8	100007136	WASHER FLAT 3/4 REGULAR TYPE A ZINC	

EXTENSIONS ARE AVAILABLE IN THE FOLLOWING SIZES:

- A. 100012395 (VN44-R6-12), 6" EXTENSION SECTION (CG-VN44-R6-12) WT. 802 lbs.
- B. 100012393 (VN44-R12-12), 12" EXTENSION SECTION (CG-VN44-R12-12) WT. 1604 lbs.



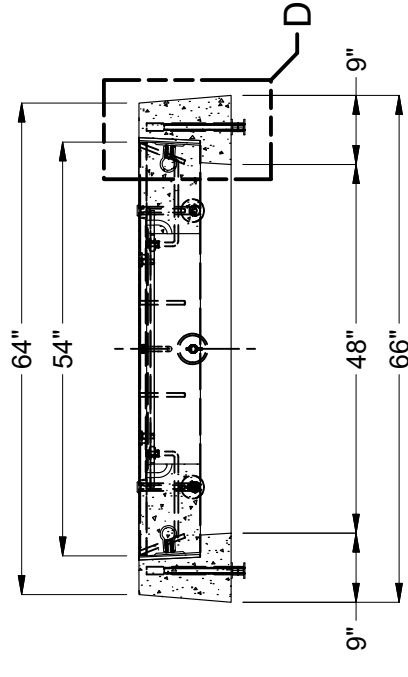
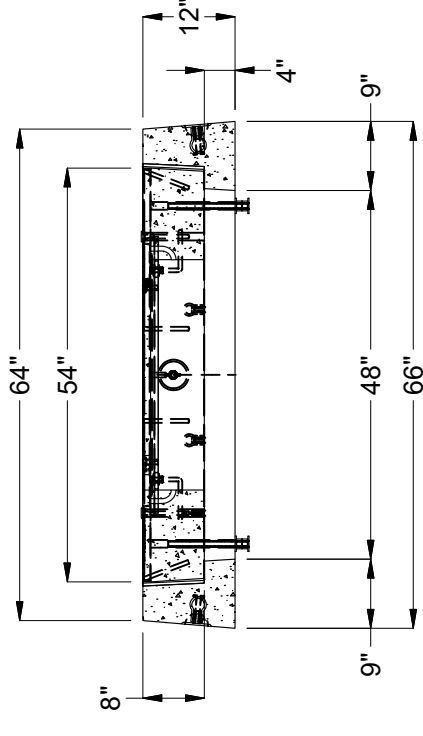
ISO VIEW



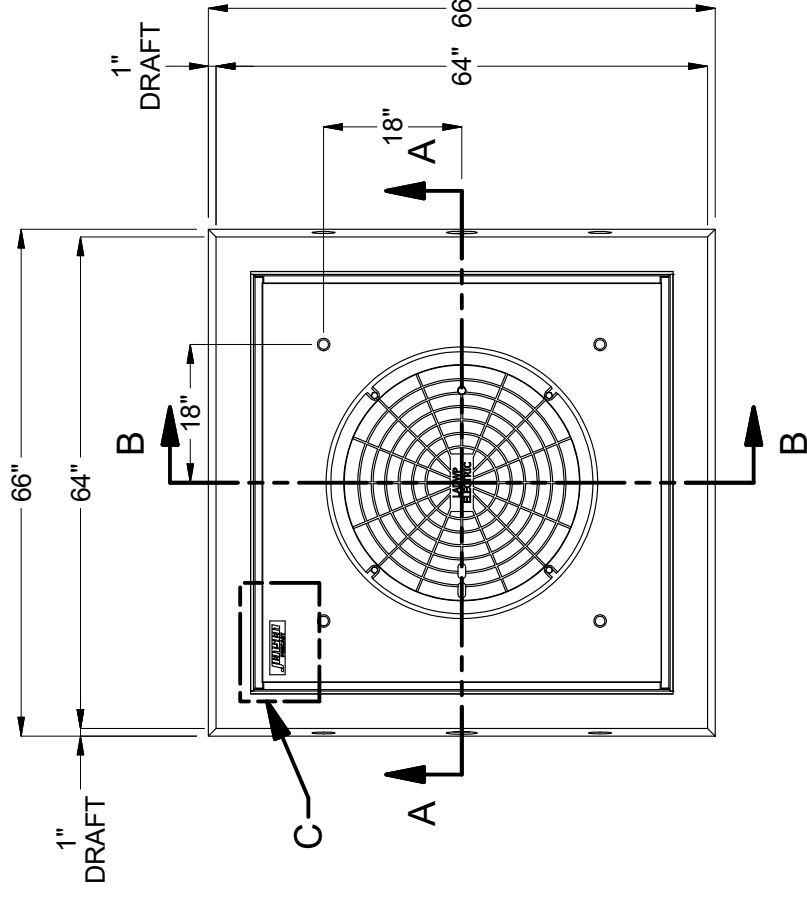
DETAIL D

IF NEEDED TO ADJUST TO FINISH GRADE

SECTION A-A



SECTION B-B

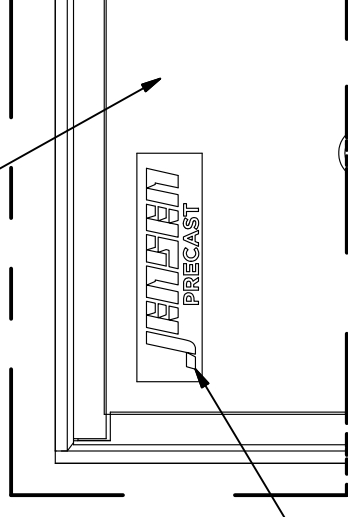


PLAN VIEW


CONCRETE TOP SURFACE TO HAVE BROOM FINISH

JENSEN IMPRINT

DETAIL C



NOTES:	
<ul style="list-style-type: none"> 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 & 33389A. MATERIAL. CONCRETE, F_c=5,500 PSI. MIX TO INCLUDE FLY ASH AND DGI. REINFORCEMENT PER ASTM A-706, F_y=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 "DW/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 STENCILLED WITH ITS PART NO. BROOM FINISH ON COVER MUST HAVE AND MAINTAIN A MINIMUM OF 0.6 SLIP RESISTANCE AND/OR 0.35 SKID RESISTANCE PER S-601-3. 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 GOVERNING 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:	3331.02 Lbs
DESIGN SPEC:	AASHTO LRFD
LOADING SPEC:	AASHTO HL-93
AGENCY:	LADWP
	1-802 G-1B R-1581

 EST. 1968 WWW.JENSENPRECAST.COM	
BURY DEPTH:	0.0' - 0.0' to Top
WATER LEVEL:	3.0'
APPROX. WEIGHT:	3331.02 Lbs
DESIGN SPEC:	AASHTO LRFD
LOADING SPEC:	AASHTO HL-93
AGENCY:	LADWP
	1-802 G-1B R-1581

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REV	DESCRIPTION	DATE	APPROVED
C-2	REVISED DESCRIPTION	8/3/2023	

DESCRIPTION:	Vault Neck and Plug Cover Layout 4848x12 30°C LADWP 1-802 G-1B R-1581
PART NUMBER:	100010426
CREATED:	4/5/2022
LAYOUT REVIEW	J. Prado
MODIFIED:	8/3/2023