

**MYERS/RYCO** POWER PRODUCTS, INC.

2950 E. PHILADELPHIA ST. ONTARIO CA 91761 PH 909-923-1800 FAX 909-923-1806

\*U.L LISTED DEADFRONT SWITCHBOARD E59802.

\*NEMA 3R RATED UNLESS NOTED OTHERWISE.

\*PLATED ALUMIUM BUS, \*

\*DESERT TAN POWDER COATED FINISH.

BRACING @ 100kAIC SERVICE ENTRANCE RATED

JOB ADDRESS: GOLDSTEIN PLAN B

\*

\*

CONTRACTOR: \*

DISTRIBUTOR: CED SAN LUIS OBISPO

P.O NUMBER: \*

MYERS S.O#: \*

VOLTAGE: 120/240 1PH 3W

UTILITY: PG&E 65K AIC

**WALL HUNG UNIT**

NONSTANDARD CONSTRUCTION: Y/N

DRAWN BY: HJH

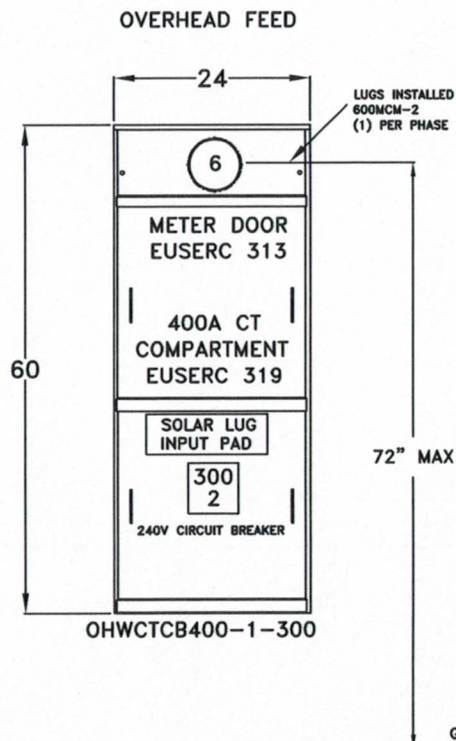
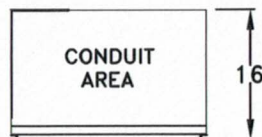
DATE: 12-03-2019

DWG#: \*

NOTES: SURFACE MOUNTED.

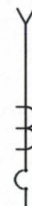
SIX DISCONNECT RULE.

**MUST HAVE UTILITY  
APPROVAL BEFORE ORDERING**

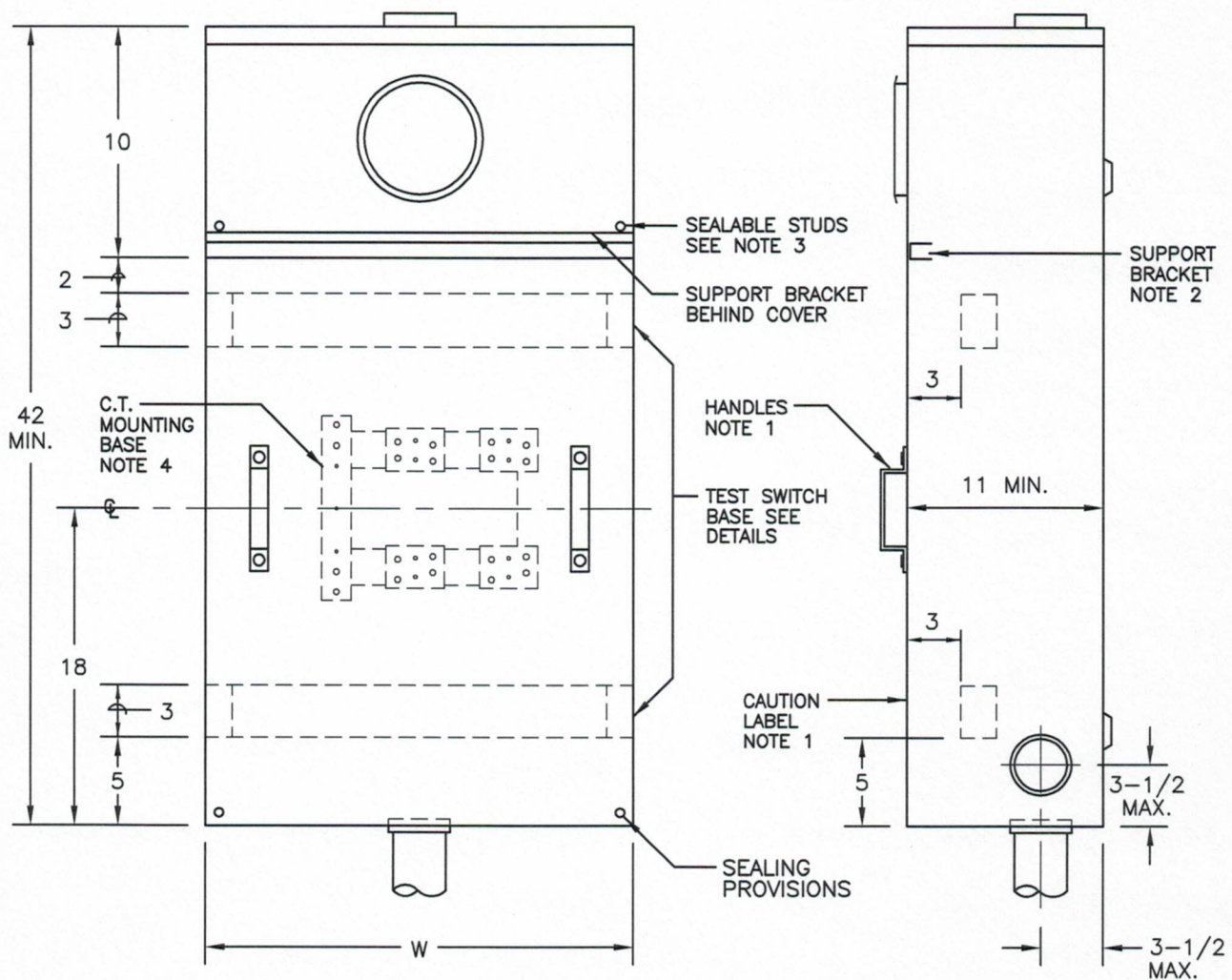


NOTE: IN ACCORDANCE WITH CEC 110.16  
PROVIDE ARC FLASH PROTECTION  
WARNING LABELS. LABELS SHALL BE  
PER ANSI Z635.4 GUIDELINES.

OVERHEAD  
INCOMING

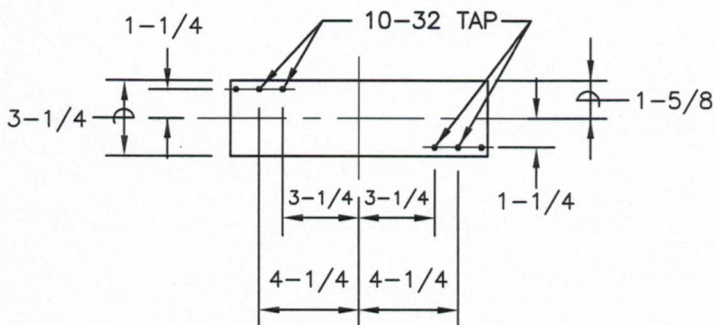


EUSERC 319 = PG&E 10-2,3,4,5,6,7



FRONT VIEW

SIDE VIEW



REMOVABLE TEST SWITCH  
MOUNTING BASE DETAIL

ALL DIMENSIONS SHOWN ARE IN INCHES

MINIMUM BOX DIMENSIONS

W (MIN.)	
3 PHASE, 4 WIRE WYE OR DELTA	SINGLE PHASE 3 PHASE, 3 WIRE
36"	24"

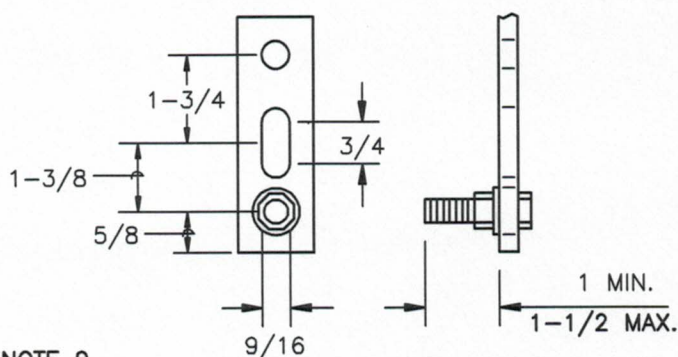
REV.	DATE	DESCRIPTION		
5	12/02	REVISED RATING TO 800 AMP AND ADDED NOTE 5 – PROJECT #011110		
SCALE N.T.S.		COMBINATION CURRENT–TRANSFORMER CABINET AND METER SOCKET PANEL FOR OVERHEAD SERVICE 400–800 AMPERES, MAXIMUM 0–600 VOLTS		SHT 1 OF 2
DATE 12/02				DWG NO. 313
		ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE		



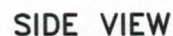
NOTES:

1. The current-transformer compartment cover panel(s) shall be limited to a maximum of 9 square feet in area, shall have two lifting handles and a caution label reading "DO NOT BREAK SEALS, NO FUSES INSIDE".
2. A panel support bracket shall be provided as shown for the meter and current transformer panels. The meter panel shall be attached to the bracket with securing screws to prevent the bracket from pulling out when the meter is removed from the socket.
3. The meter panel and current transformer compartment cover shall be sealable. See Drawing 300, note II(I).
4. See Drawings 328A, 328B and 329B for CT, mounting base details.
5. Consult the Utility for 800 ampere applications.

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				DWG NO. REV.
		ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE		313 5



**BUS DRILLING DETAIL**  
TYPICAL 4 LOCATIONS  
SEE NOTE 3



ALL DIMENSIONS SHOWN ARE IN INCHES

REV.	DATE	DESCRIPTION		
10	11/11	REVISED NOTE 3a and Added Note 10		
SCALE N.T.S.		<b>INSTRUMENT—TRANSFORMER COMPARTMENT FOR SWITCHBOARDS</b> <b>0—1000 AMPERES, 0—600 VOLTS</b> <b>1Ø 3—WIRE AND 3Ø 3—WIRE</b>	SHT 1 OF 2	
DATE 12/02			DWG NO. <b>319</b>	REV. <b>10</b>
		<b>ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE</b>		



**NOTES:**

1. Bus arrangement and supports shall be provided as shown, except the neutral bus may be located at either side or on either side wall. Bus supports shall be constructed of a continuous bar of insulating material and shall be rigid to prevent misalignment of the bus units with the cables in place.
2. The bus units may be supplied from the top or bottom, and shall be anchored to prevent turning. Bus units shall be constructed of rectangular bus and when laminated shall have no space between laminations. Bus dimensions shall be provided as follows:

Minimum:    1/4 inch X 2 inches  
Maximum:    3/4 inch X 2 inches

3. Bus unit shall be provided with a fixed stud as shown for mounting the current transformers. Each shall:
  - a. Consist of a 1/2-inch steel bolt and shall be provided with a spring washer and a nut. The spring washer may be either a cone-type (belleville) washer or a split-ring washer and flat washer. All parts shall be plated to prevent corrosion.
  - b. Be secured in place. "Secured in place" shall mean that the stud will not turn, back-out, or loosen in any manner when tightening or loosening the associated nuts (including cross-threaded situations).
4. When the compartment is supplied from horizontal cross-bussing, the bussing shall pass through the compartment or in the sealed area above the compartment.
5. Except for conductors supplying the instrument-transformer compartment, and the ground bus, no other conductors or devices shall be installed in, or routed through, the compartment or the sealed area above the compartment. The ground bus shall not infringe on utility compartment space, or reduce any clearances. Customer connections to the ground bus shall not be allowed in the instrument transformer compartment.
6. A clear unobstructed work space shall be provided around the current-transformer bus units from the barrier to the upper support bar.
7. Taps for attachment of meter wiring shall be provided on the neutral bus unit shown, or when the compartment is supplied from cross-bussing, a tap may be provided on the neutral cross-bus, or on a bus bar extension provided from the neutral cross-bus. A 10-32 screw and washer shall be provided for the neutral bus. Tap locations shall be centered between phase bus units, or at either side, and shall be readily accessible under energized conditions and with the current-transformers in place.
8. The barrier shall be constructed of a rigid insulating material resistant to ARC tracking, and shall be secured in place with a maximum deflection of 1/2 inch from an applied force of 25 pounds downward. Openings in the barrier (i.e., peripheral gaps around barrier, cutouts around bus bars, and hole diameters provided for ventilation) shall not exceed 3/8 inch. The barrier shall be attached with nonconductive fasteners.
9. Dimension measured to inside edge of the compartment access opening.
10. Torque labels shall be provided in each utility compartment where nut and bolt assemblies using cone-type (Belleville) washers are used for utility terminations, test-bypass block circuit closing nuts or for securing current-transformers or current transformer bus removable links. Labels shall be readily visible and shall not be installed on any removable or hinges cover panel.

REV.	DATE	DESCRIPTION		
10	11/11	REVISED NOTE 3a and Added Note 10		
SCALE	<b>INSTRUMENT-TRANSFORMER COMPARTMENT FOR SWITCHBOARDS</b> <b>0-1000 AMPERES, 0-600 VOLTS</b> <b>1Ø 3-WIRE AND 3Ø 3-WIRE</b>			SHT 2 OF 2
N.T.S.				
DATE				DWG NO.
12/02	<b>ELECTRIC UTILITY SERVICE EQUIPMENT REQUIREMENTS COMMITTEE</b>			<b>319</b>
				<b>10</b>