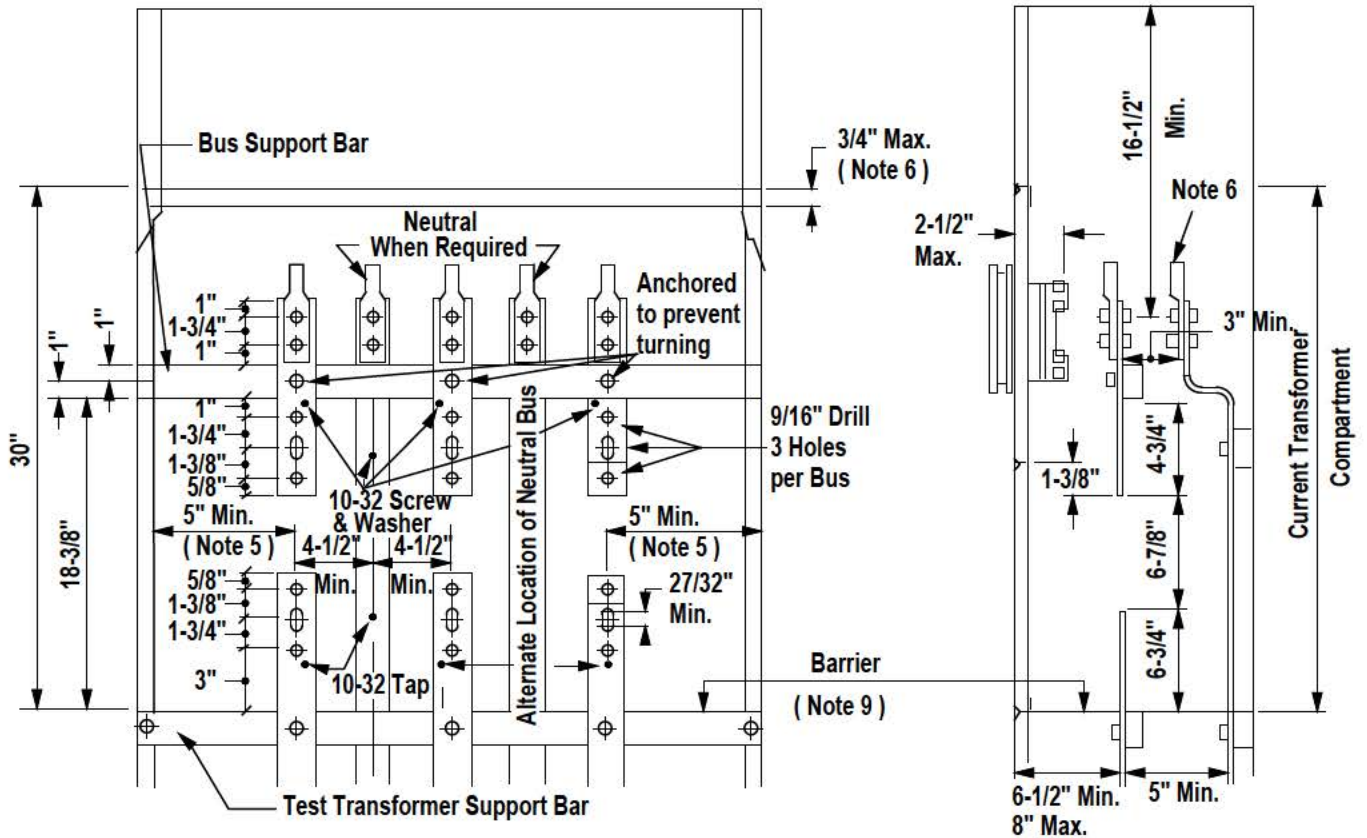


**CT COMPARTMENT, 201-1000A, 3Ø
FOR SWITCHBOARDS 0-600V**

EUSERC DWG. NO. 320



NOTES:

1. See SR-430 for general requirements.
2. Bus arrangement and supports are required as shown above, except the neutral bus may be located on the sidewall or at either side.
3. Compartment shall be on the supply side of the main switch or breaker.
4. Direction of feed may be from top or bottom and no other conductors shall pass through this compartment. The bus shall be rectangular.
5. Clearance to side of compartment shall be increased by the amount by which the corner angle exceeds 1°.
6. Return flanges for lower and upper meter panel support shall not project more than 3/4" up or down from adjacent switchboard panels.
7. When laminated bus is used, there shall be no space between laminations in the compartment.
8. Bus Dimensions: Maximum Line Side - 3/4" x 4"; Minimum - 1/4" x 2"
Maximum Load Size - 3/4" x 2"; Minimum - 1/4" x 2"
9. Barrier shall be of insulating nontracking material resistant to arc tracking, be rigid, with a maximum deflection of 1/2 inch from an applied force of 25 pounds downward, be secured in place, be perforated with 3/8 inch maximum diameter holes to allow ventilation in accordance with NEC, be dimensioned in physical size to fit the switchboard with a peripheral gap not to exceed 3/8 inch, and contain cutouts for through bus bars with dimensions to provide a gap between bus and barrier not to exceed 3/8 inch.
10. The "Power Leg" shall be identified per National Electrical Code for 4 Wire Delta Service.
11. Round bus corners as necessary to prevent damage to insulation. Bus insulation shall be adequate for the service voltage.



INITIATED BY	SC
STANDARDS COMM.	10-81

REVISION NO.	5
STANDARDS COMM.	8-13
EFFECTIVE DATE	9-13

SR-434
Pg. 1 of 1