

**CT COMPARTMENT, 3001 A AND LARGER,
3Ø FOR SWITCHBOARDS 0-600 V**

EUSERC DWG. NO. 324

TOP VIEW

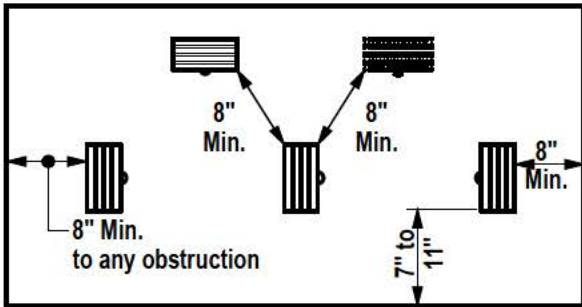
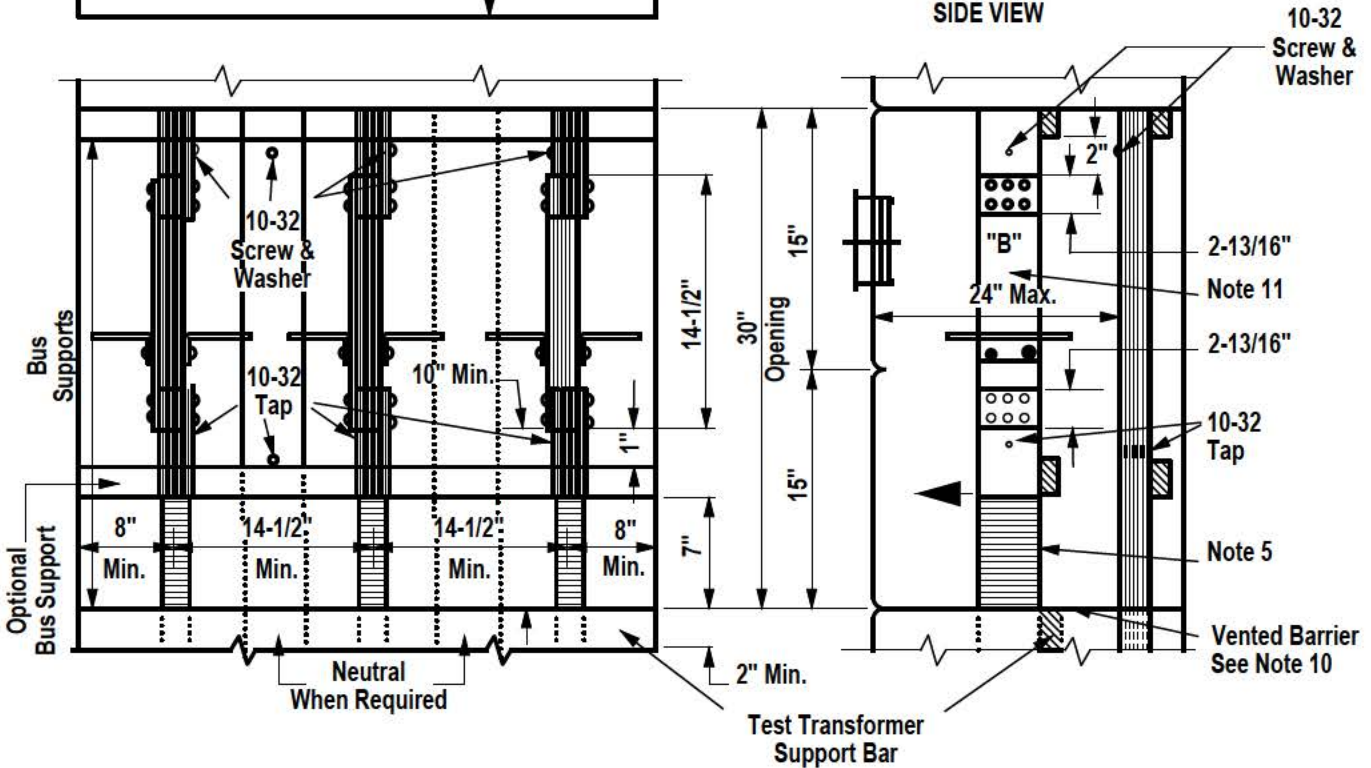


TABLE 1

Maximum Number of Bus Bars:

- 4 - 1/4" x 4" spaced 1/4".
- 6 - 1/4" x 5" spaced 1/4".
- 4 - 3/8" x 5" spaced 3/8".
- 5 - 3/8" x 5" spaced 1/4".

SIDE VIEW



NOTES:

1. See SR-430 for general requirements.
2. Bus anchorage shall be such that busses will remain in position when removable section "B" is out.
3. Direction of feed may be from top or bottom. No other conductors shall pass through this compartment.
4. Transformer compartment shall be on the supply side of the main switch or breaker.
5. Bus shall be rectangular with corners rounded as necessary to prevent damage to insulation. Bus insulation to be adequate for the voltage.



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3Ø FOR SWITCHBOARDS 0-600**

NOTES: (continued)

6. The maximum bus unit (without special permission) shall consist of six 1/4" x 5" bars spaced 1/4".
7. The barrier shall not be less than 45" nor more than 50" above the standing surface.
8. Clearance to the side of the compartment shall be increased by the amount by which the corner angle exceeds 1".
9. Return flanges for lower and upper meter panel support shall not project more than 3/4" up or down from adjacent switchboard panels.
10. 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 standards, 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 maximum gap between bus and barrier not to exceed 3/8 inch.
11. For details of removable section "B" and CT support for 4" bus, see SR-439, Page 1; for 5" bus, see SR-439, Page 2. Consult TEP Metering Department or Service Provider for use of bus bars larger than 5".



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