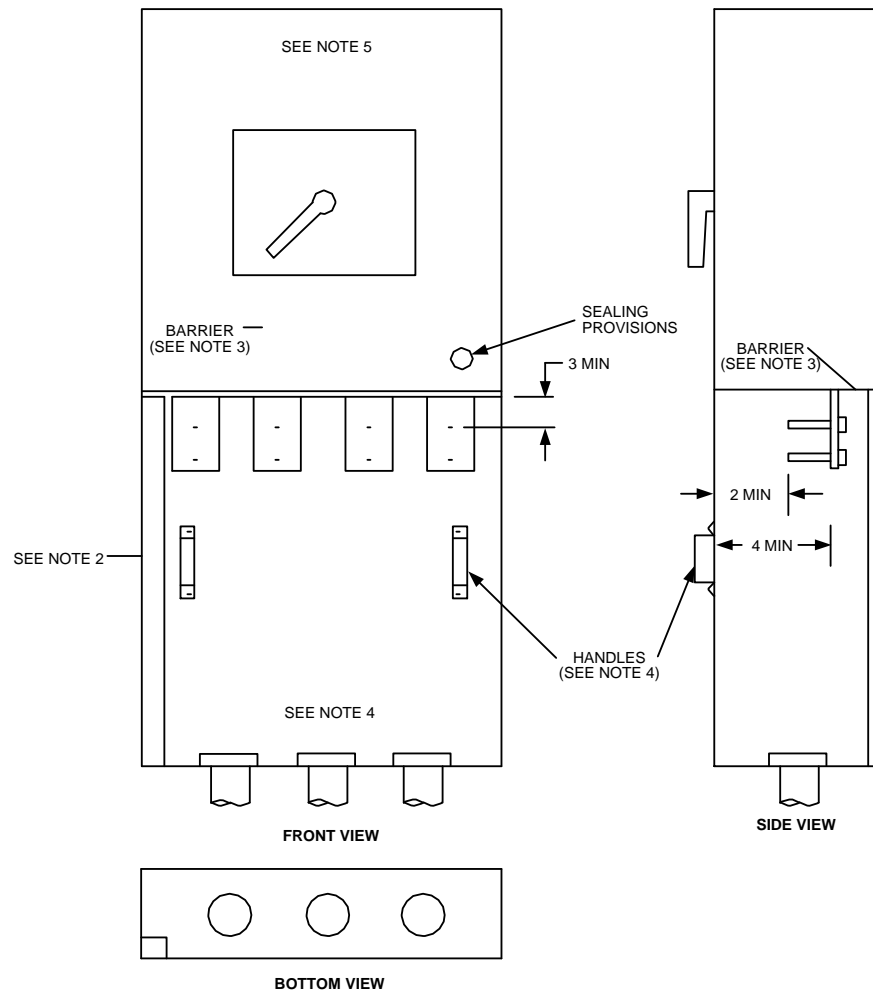



Metering Equipment: Material Requirements



All Dimensions Shown are in Inches

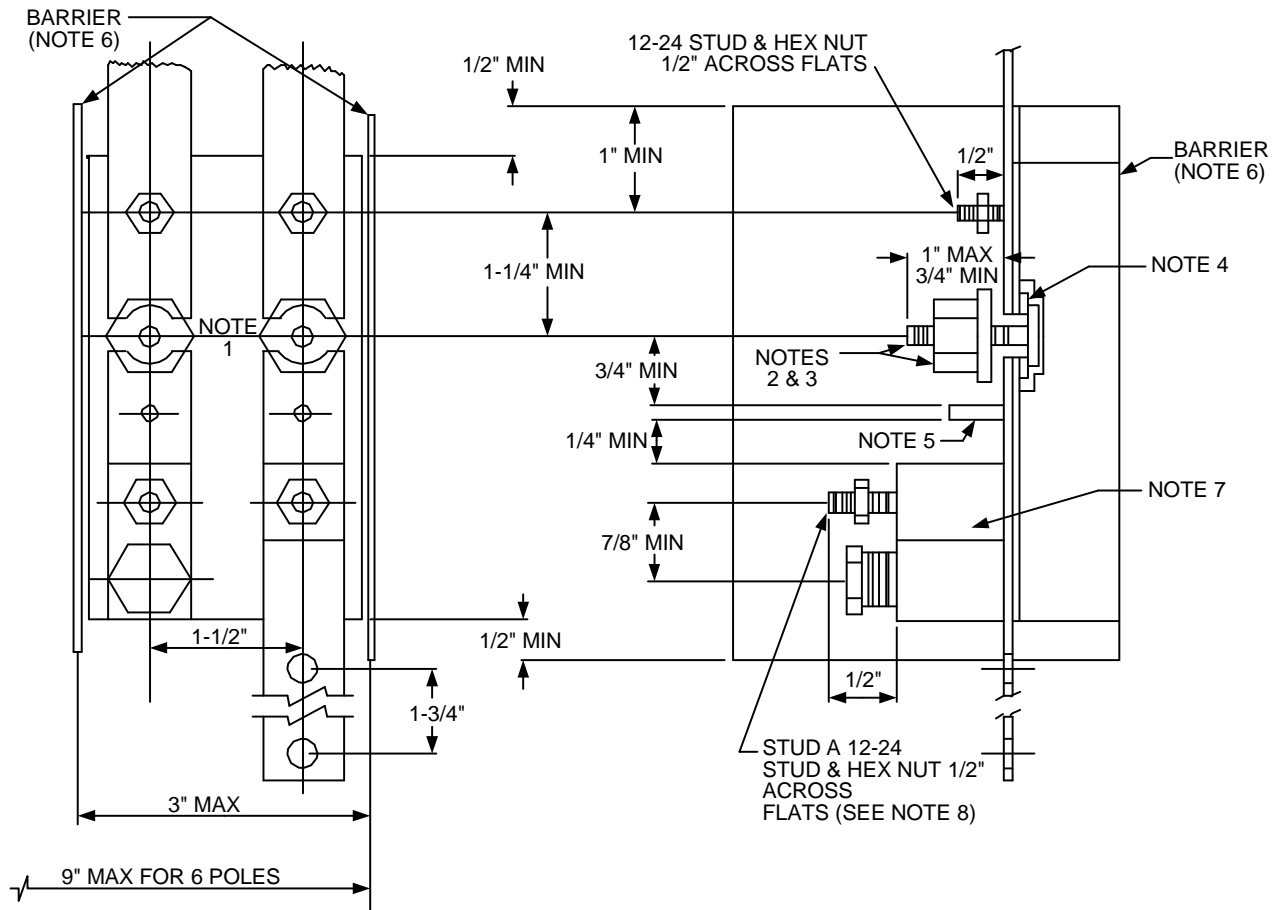
NOTES:

1. A vertical clearance of 3" minimum shall be maintained between the centerline of the top bolts of the terminating facilities to any obstruction. See RPM-43 for terminating enclosure dimensions, and terminating facility clearances and construction details.
2. The grounding electrode conductor may be installed in a fully enclosed, factory installed wireway located in either back corner of the pullbox. The raceway shall not impede the serving utilities required working space or reduce any specified clearances.
3. A full width and depth, insulated, rigid barrier shall be provided to separate the termination and main disconnect compartments.
4. Terminating enclosure covers shall be:
 - A. Independent of other equipment and removable without disturbing adjacent panels.
 - B. Sealable, and provided with two lifting handles, and limited to a maximum of 9 square feet in area
5. The main disconnect cover shall be sealable.

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6. Sealing provisions for removable covers shall consist of two drilled stud and wing nut assemblies located on opposite corners of the cover. Hinged covers shall be sealed on the unsupported side. All security screws shall be captive.



All Dimensions Shown are in Inches


NOTES:

- Strike distance between upper and lower bus sections shall not be less than $\frac{1}{4}$ " when shorting nut is backed off.
- Circuit-closing nut shall be a hex nut $\frac{5}{8}$ " across flats with plated copper washer attached and have threads counter-bored at bottom to facilitate re-installation. Bolt head shall be secured in place to prevent turning and backout.
- The circuit-closing nut and bolt assembly shall maintain the applied contact pressure between the plated copper washer and the bus members of the test-bypass block.
- Insulating washer shall be made from dimensionally stable, non-tracking material and shall provide a minimum of $\frac{1}{8}$ " creep distance between the bolt and the bus sections. Bus sections shall be plated.
- Wire stops are not required if line and/or load is connected with bus bar. If cable terminals are used, RPM-11 construction requirements shall apply.


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Metering Equipment: Material Requirements

6. Rigid insulating barriers shall project at least ¼" beyond any energized parts when the maximum wire size is installed.
7. Termination of bus bar and cable line or load conductors may be cable as per RPM-11 or bus as per this drawing. If bus and cable terminations are used together, proper locations and alignment of stud "A" must be maintained to facilitate the installation of bypass jumper.
8. Stud "A" shall be located in the clear area between the terminating lug and the circuit-closing nut, and may be positioned on the terminal body, on the terminal screw, on the bus member, or incorporated as part of the wire stop.
9. Serviceability - The line and or load bus is to be connected to the bus block member in a manner which will allow ready replacement of the test-bypass block assembly.

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