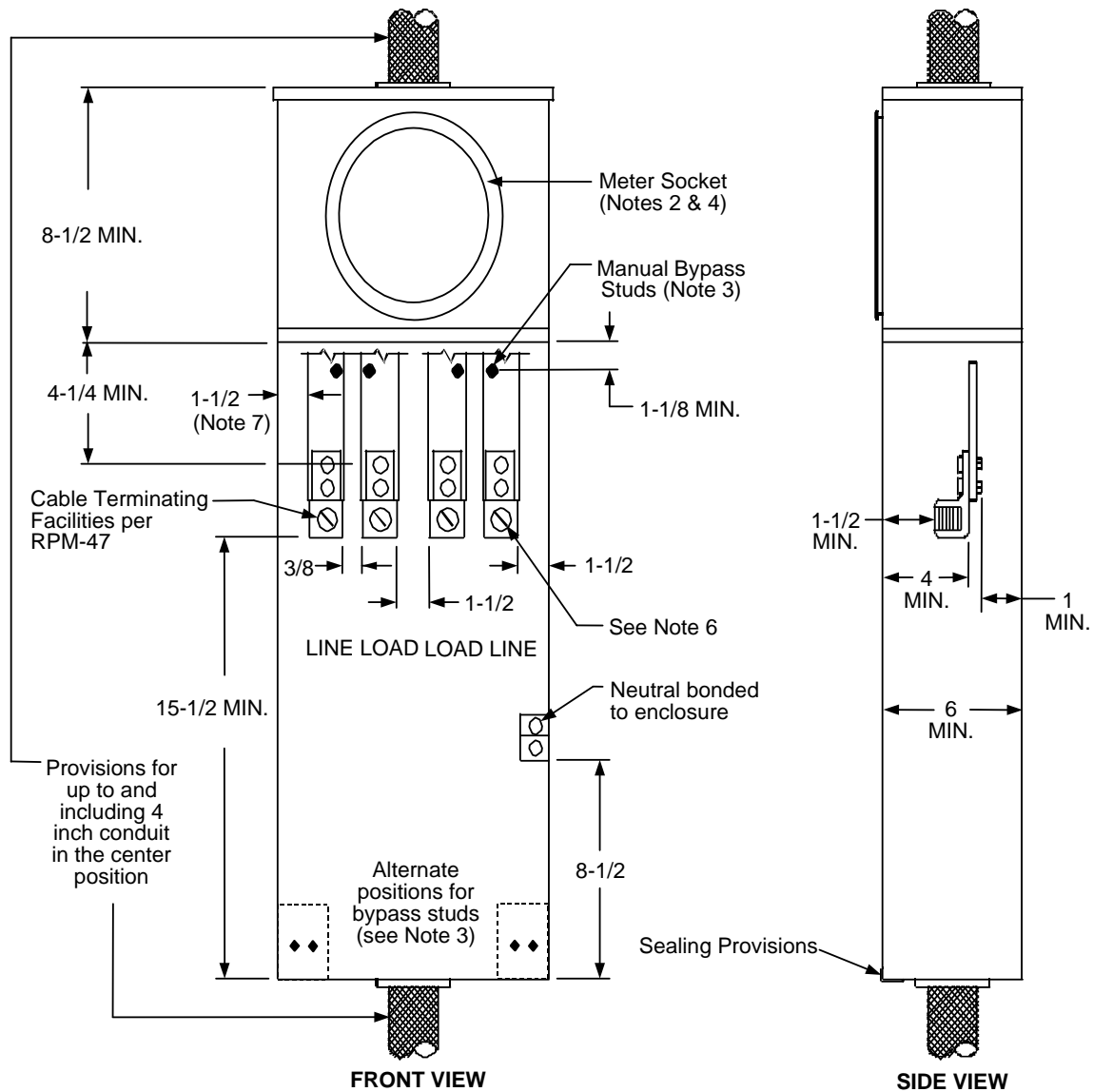



# Metering Equipment: Material Requirements



All Dimensions Shown are in Inches

## NOTES:


1. This service equipment shall be marked with a continuous amperes rating of 320 amperes. Alternatively, it may be marked "400 amps (320 amperes continuous)".
2. Only ring-type sockets are acceptable. See RPM-G. Ringless-type sockets are not acceptable.
3. Bypass studs may be 12-24 TPI minimum up to 5-16 x 24 TPI maximum, 1/2" in height with 1/2" hex-nut (measured across the flat) shall be provided on each phase bus section. The studs shall have a horizontal spacing of 1-1/2" (measured from centers) between the line and load bus sections, and shall be offset from the line side termination lugs to permit cable entry from the top without interference with the utility provided manual bypass links. 1-1/2" clearance to the side and bottom is required for the alternate bypass stud positions.

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## Metering Equipment: Material Requirements

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4. Sockets equipped with test-bypass facilities are required for commercial occupancies and for residential applications using Class 320 socket-type meters.
5. Meter mains similar to the Circle AW model U404 series ending in "MCC" or Meter Sockets similar to the Circle AW model 324C are acceptable.
6. Terminations for service conductors shall be aluminum-bodied mechanical lugs with a range of No. 1 AWG through 600 Kcmil. The lugs shall be secured to assure vertical alignment and line side lugs shall be offset from the face of the bus to permit cable entry from the top. The line and load positions shall be identified in 3/4" high block letters.
7. 1-1/2" dimension may be less if insulating material is provided.
8. The customer section location may be located to the left or to the right of the utility section (i.e. – meter section and pull section).
9. "Lever style bypass facilities which deenergize the meter socket are not permitted.
10. The bypass/cable termination compartment cover panel shall be independent of the meter panel, removable, lockable, and sealable. All securing screws shall be captive.

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