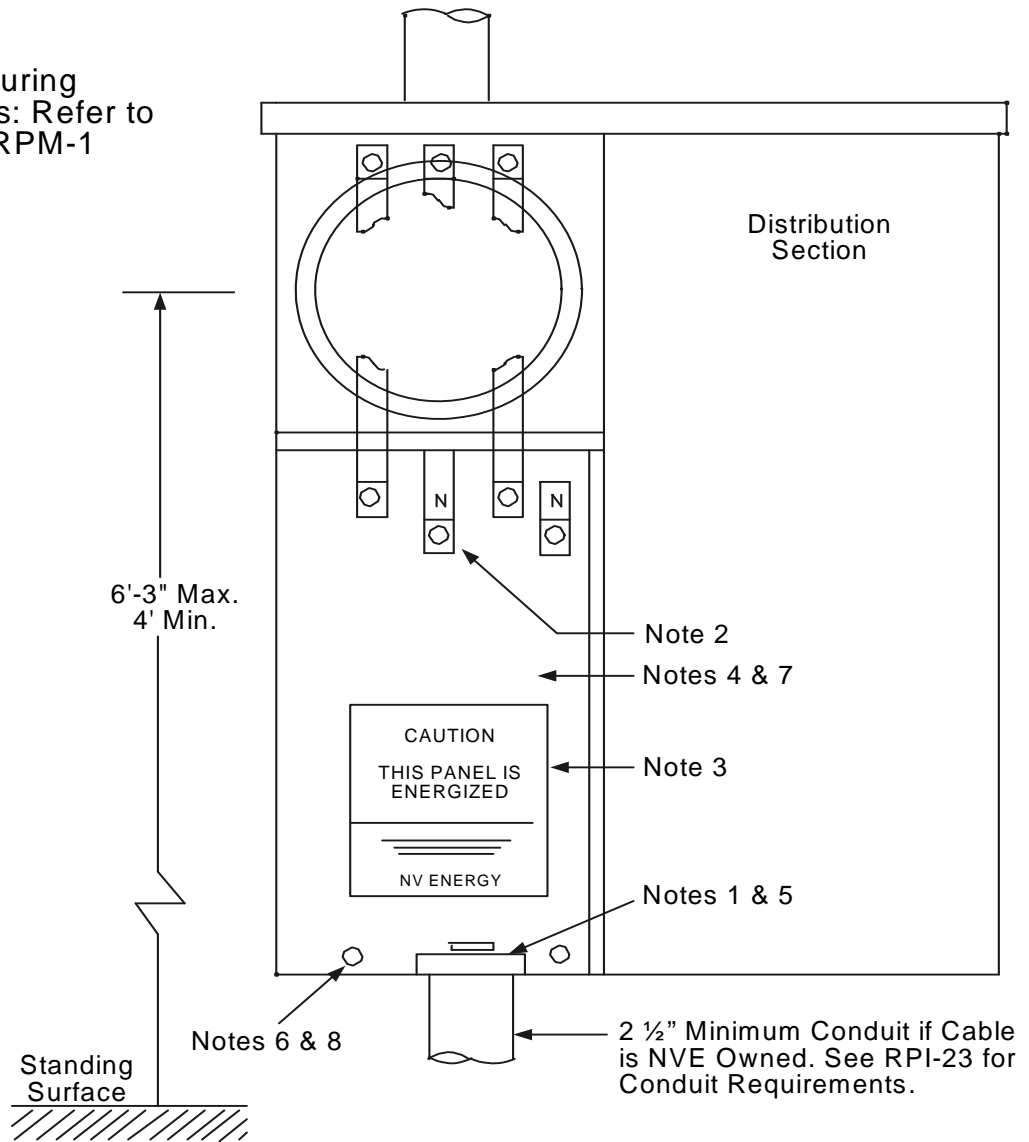



Metering Equipment: Installation Requirements

For applications with a maximum of 320 continuous amps as calculated in accordance with the NEC. For higher continuous amps rating, use instrument rating metering system.

For Manufacturing Requirements: Refer to RPM-G and RPM-1




Maximum Ampacity	Lugs to Accept AL Conductor Size	Required Set Screws	Torque (ft-lb)
125	#4 – 2/0 AWG	Allen Screw	6 ± 10%
225	#4 – 2/0 AWG	Allen Screw	20 ± 10%

	Electric Service Requirements			RPI-9								
	400 Amp Residential Meter Main Service Equipment											
<table border="1" style="width: 100%;"> <tr> <td>Drawn:</td> <td>Eng:</td> <td>Appr:</td> <td>Date:</td> </tr> <tr> <td>MES</td> <td>MES</td> <td>KL</td> <td>9/07</td> </tr> </table>	Drawn:	Eng:	Appr:	Date:	MES	MES	KL	9/07				Revision: 2 Page 1 of 2
Drawn:	Eng:	Appr:	Date:									
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Metering Equipment: Installation Requirements

NOTES:

1. For RGS or IMC riser conduit, a hub or metal bushing with a grounding lug is required for proper grounding of the conduit. A hub is the preferred method.
2. When applying torque to Allen screws, the lugs should be supported.
3. Caution Decal to be installed by NVE on all termination sections.
4. No bends shall be allowed in service entrance conductors between the bottom of termination section and the landing lugs.
5. The termination section cover shall be hinged, non-removable and sealable and have provisions for the installation of a securing screw on the front of the panel.
6. The termination section shall be free of all earth and water pipe ground leads or connections (excludes ground lug for conduit).
7. NVE termination crew – secure the termination section with a Mighty Lock security device or approved locking / sealing device.
8. Customer-owned wiring extending from the distribution section (branch circuits) shall not pass through any section sealed by NVE (this includes system grounds).

				Electric Service Requirements		RPI-9
				400 Amp Residential Meter Main Service Equipment		
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