

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Commercial UG CT Metering Requirements for a 3-Phase Customer Served from a New UG Padmount Transformer									
Available ONLY by pre-approval from SLEMCO prior to construction									
> 200	UG, 3-Phase, Padmount, (New)	UG, 3-Phase, One Customer	120/208	CT Metering	Padmount	15/52	<u>Primary</u> <ul style="list-style-type: none"> <li>Transformer pad and associated grounding</li> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount to disconnect switch</i>)</li> <li>Metering conduit (<i>padmount to meter base</i>)</li> <li>Disconnect switch</li> <li>Install SLEMCO furnished meter base</li> <li>Conduit between equipment</li> <li>Metering and main ground wires and ground rods</li> <li>Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>Terminate customer conductors</li> <li>Main disconnects (<i>service panels</i>)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer</li> <li>Switch cans (<i>if required</i>)</li> <li>Install CTs in padmount</li> <li>Terminate metering conductors to CTs in padmount</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 48-51
> 200	UG, 3-Phase, Padmount, (New)	UG, 3-Phase, One Customer	277/480	CT Metering with VT Pack	Padmount	15/52	<u>Primary</u> <ul style="list-style-type: none"> <li>Transformer pad and associated grounding</li> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount to disconnect switch</i>)</li> <li>Terminate metering conductors in meter base</li> <li>Metering conduit (<i>padmount to meter base</i>)</li> <li>Disconnect switch</li> <li>Install SLEMCO furnished meter base</li> <li>Conduit between equipment</li> <li>Metering and main ground wires and ground rods</li> <li>Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>Terminate customer conductors</li> <li>Main disconnects (<i>service panels</i>)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer</li> <li>Switch cans (<i>if required</i>)</li> <li>Install CTs and VT Pack in padmount</li> <li>Terminate metering conductors to CTs and VT Pack in padmount</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 48-51

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Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Commercial UG CT Metering Requirements for a Customer Served from a New UG Padmount Transformer									
> 200	UG, 3-Phase, Padmount, (New)	UG, 3-Phase	120/208	CT Metering	Padmount	16/57	<u>Primary</u> <ul style="list-style-type: none"> <li>Transformer pad and associated grounding</li> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount to CT enclosure</i>)</li> <li>CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>Disconnect switch</li> <li>Install SLEMCO furnished meter base</li> <li>Conduit between equipment</li> <li>Metering and main ground wires and ground rods</li> <li>Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>Terminate customer conductors</li> <li>Main disconnects (<i>service panels</i>)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer</li> <li>Switch cans (<i>if required</i>)</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 53-56
> 200	UG, 3-Phase, Padmount, (New)	UG, 3-Phase	277/480	CT Metering with VT Pack	Padmount	16/57	<u>Primary</u> <ul style="list-style-type: none"> <li>Transformer pad and associated grounding</li> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount to CT enclosure</i>)</li> <li>CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>Disconnect switch</li> <li>Install SLEMCO furnished meter base</li> <li>Conduit between equipment</li> <li>Metering and main ground wires and ground rods</li> <li>Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>Terminate customer conductors</li> <li>Main disconnects (<i>service panels</i>)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer</li> <li>Switch cans (<i>if required</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Install and terminate VT Pack in CT Enclosure</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 53-56

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Commercial UG CT Metering Requirements for a Customer Served from an Existing UG Padmount Transformer									
> 200	UG, 3-Phase, Padmount, (Existing)	UG, 3-Phase	120/208	CT Metering	Padmount	17/62	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> <li>• Secondary conduit (<i>padmount to CT enclosure</i>)</li> <li>• CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>		58-61
> 200	UG, 3-Phase, Padmount, (Existing)	UG, 3-Phase	277/480	CT Metering with VT Pack	Padmount	17/62	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> <li>• Secondary conduit (<i>padmount to CT enclosure</i>)</li> <li>• CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Install and terminate VT Pack in CT Enclosure</li> </ul>	58-61

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Commercial UG CT Metering Requirements for a 3-Phase Customer Served from an Existing OH Transformer Bank									
> 200 ≤400	OH, 3-Phase	UG, 3-Phase	120/208 120/240	CT Metering	Disconnect Switch	18/67	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conduit (<i>weather head to CT enclosure</i>)</li> <li>• CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> </ul>	63-66
> 200 ≤400	OH, 3-Phase	UG, 3-Phase	277/480 480	CT Metering with VT Pack	Disconnect Switch	18/67	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conduit (<i>weather head to CT enclosure</i>)</li> <li>• CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> <li>• Install and terminate VT Pack in CT Enclosure</li> </ul>	63-66
> 400	OH, 3-Phase	UG, 3-Phase	120/208 120/240	CT Metering	Weather Head	18/67	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors (<i>beyond weather head</i>)</li> <li>• Terminate secondary conductors at load side disconnect switch</li> <li>• Secondary conduit (<i>weather head to CT enclosure</i>)</li> <li>• CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service cable (<i>up to weather head</i>)</li> <li>• Terminate service cable</li> </ul>	63-66
> 400	OH, 3-Phase	UG, 3-Phase	277/480 480	CT Metering with VT Pack	Weather Head	18/67	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors (<i>beyond weather head</i>)</li> <li>• Terminate secondary conductors at load side disconnect switch</li> <li>• Secondary conduit (<i>weather head to CT enclosure</i>)</li> <li>• CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service cable (<i>up to weather head</i>)</li> <li>• Terminate service cable</li> <li>• Install and terminate VT Pack in CT Enclosure</li> </ul>	63-66

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Commercial Overhead CT Metering Requirements for a 3-Phase Customer									
> 200	OH, 3-Phase	OH, 3-Phase	120/208 120/240	CT Metering	Weather Head	19/72	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service Mast</li> <li>• Service entrance conductors (<i>beyond weather head</i>)</li> <li>• Terminate service entrance conductors at source side disconnect switch</li> <li>• CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service cable (<i>up to weather head</i>)</li> <li>• Terminate service cable</li> </ul>	68-71
> 200	OH, 3-Phase	OH, 3-Phase	277/480 480	CT Metering with VT Pack	Weather Head	19/72	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service Mast</li> <li>• Service entrance conductors (<i>beyond weather head</i>)</li> <li>• Terminate service entrance conductors at source side disconnect switch</li> <li>• CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service cable (<i>up to weather head</i>)</li> <li>• Terminate service cable</li> <li>• Install and terminate VT Pack in CT Enclosure</li> </ul>	68-71

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
<b>Commercial UG CT Metering Requirements for Multiple 1-Phase Customers Served from an Existing UG Padmount Transformer</b>									
> 200 ≤400	UG, 1-Phase, Padmount, (Existing)	UG, 1-Phase	120/240	CT Metering	Disconnect Switch	9/78	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conduit (padmount to CT enclosure)</li> <li>• CT Enclosure (install SLEMCO furnished CT)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (from load side of disconnect switch to main disconnects)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (service panels)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> </ul>	73-77
> 400	UG, 1-Phase, Padmount, (Existing)	UG, 1-Phase	120/240	CT Metering	Padmount	9/78	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> <li>• Secondary conduit (padmount to CT enclosure)</li> <li>• CT Enclosure (install SLEMCO furnished CT)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (from load side of disconnect switch to main disconnects)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (service panels)</li> </ul>		73-77
<b>Commercial UG CT Metering Requirements for Multiple 1-Phase Customers Served from a New UG Padmount Transformer</b>									
> 200 ≤400	UG, 1-Phase, Padmount, (New)	UG, 1-Phase	120/240	CT Metering	Disconnect Switch	10/79	<u>Primary</u> <ul style="list-style-type: none"> <li>• Primary conduit (source to padmount)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conduit (padmount to CT enclosure)</li> <li>• CT Enclosure (install SLEMCO furnished CT)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (from load side of disconnect switch to main disconnects)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (service panels)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>• Primary conductors</li> <li>• Terminate primary conductors at padmount</li> <li>• Padmount transformer (associated pad and grounding)</li> <li>• Switch cans (if required)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 73-77
> 400	UG, 1-Phase, Padmount, (New)	UG, 1-Phase	120/240	CT Metering	Padmount	10/79	<u>Primary</u> <ul style="list-style-type: none"> <li>• Primary conduit (source to padmount)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> <li>• Secondary conduit (padmount to CT enclosure)</li> <li>• CT Enclosure (install SLEMCO furnished CT)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (from load side of disconnect switch to main disconnects)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (service panels)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>• Primary conductors</li> <li>• Terminate primary conductors at padmount</li> <li>• Padmount transformer (associated pad and grounding)</li> <li>• Switch cans (if required)</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 73-77

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Commercial UG CT Metering Requirements for a 1-Phase Customer Served from an Existing OH Transformer Bank									
> 200 <=400	OH, 1-Phase	UG, 1-Phase	120/240	CT Metering	Disconnect Switch	11/80	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conduit (<i>weather head to CT enclosure</i>)</li> <li>• CT Enclosure (<i>install SLEMCO furnished CT</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> </ul>	73-77
> 400	OH, 1-Phase	UG, 1-Phase	120/240	CT Metering	Weather head	11/80	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors (<i>beyond weather head</i>)</li> <li>• Terminate secondary conductors at load side disconnect switch</li> <li>• Secondary conduit (<i>weather head to CT enclosure</i>)</li> <li>• CT Enclosure (<i>install SLEMCO furnished CT</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service cable (<i>up to weather head</i>)</li> <li>• Terminate service cable</li> </ul>	73-77
Commercial Overhead CT Metering Requirements for a 1-Phase Customer									
> 200	OH, 1-Phase	OH, 1-Phase	120/240	CT Metering	Weather head	12/84	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service Mast</li> <li>• Service entrance conductors (<i>beyond weather head</i>)</li> <li>• Terminate service entrance conductors at load side disconnect switch</li> <li>• CT Enclosure (<i>install SLEMCO furnished CT</i>)</li> <li>• Disconnect switch</li> <li>• Install SLEMCO furnished meter base</li> <li>• Conduit between equipment</li> <li>• Metering and main ground wires and ground rods</li> <li>• Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>• Terminate customer conductors</li> <li>• Main disconnects (<i>service panels</i>)</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Service cable (<i>up to weather head</i>)</li> <li>• Terminate service cable</li> </ul>	81-83

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Commercial UG Metering Requirements for Multiple 3-Phase Customers Served from a New UG Padmount Transformer									
200	UG, 3-Phase, Padmount, (New)	UG, 3-Phase	120/208	Self Enclosed	Padmount	20/88	<u>Primary</u> <ul style="list-style-type: none"> <li>Transformer pad and associated grounding</li> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount/pedestal to meter base</i>)</li> <li>Install SLEMCO furnished meter base</li> <li>Meter base ground wire and ground rod</li> <li>Main disconnect (<i>service panel</i>)</li> <li>Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>Terminate customer conductors</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer</li> <li>Switch cans (<i>if required</i>)</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 85-87
Commercial UG Metering Requirements for Multiple 3-Phase Customers Served from an Existing UG Padmount Transformer									
200	UG, 3-Phase, Padmount, (Existing)	UG, 3-Phase	120/208	Self Enclosed	Padmount	21/89	<u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount to meter base</i>)</li> <li>Install SLEMCO furnished meter base</li> <li>Meter base ground wire and ground rod</li> <li>Main disconnect (<i>service panel</i>)</li> <li>Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>Terminate customer conductors</li> </ul>		85-87
Commercial UG Metering Requirements for a 3-Phase Customer Served from an Existing OH Transformer									
200	OH, 3-Phase	UG, 3-Phase	120/208 120/240	Self Enclosed	Meter base	22/90	<u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conduit (<i>weather head to meter base</i>)</li> <li>Install SLEMCO furnished meter base</li> <li>Meter base ground wire and ground rod</li> <li>Main disconnect (<i>service panel</i>)</li> <li>Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>Terminate customer conductors</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> </ul>	85-87
Commercial Overhead Metering Requirements									
200	OH, 1-Phase  or  OH, 3-Phase	OH, 1-Phase  or  OH, 3-Phase	120/240  or  120/240 120/208	Self Enclosed	Weather head	23/93	<u>Secondary</u> <ul style="list-style-type: none"> <li>Service Mast</li> <li>Service entrance conductors (<i>beyond weather head</i>)</li> <li>Terminate service entrance conductors at source side of meter base</li> <li>Install SLEMCO furnished meter base</li> <li>Meter base ground wire and ground rod</li> <li>Main disconnect (<i>service panel</i>)</li> <li>Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>Terminate customer conductors</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>Service cable (<i>up to weather head</i>)</li> <li>Terminate service cable</li> </ul>	91-92



Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Commercial UG Metering Requirements for Multiple 1-Phase Customers Served from an Existing UG Padmount Transformer									
200	UG, 1-Phase, Padmount (Existing)	UG, 1-Phase	120/240	Self Enclosed	Meter base	2/97	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conduit (<i>padmount to meter base</i>)</li> <li>• Meter base</li> <li>• Meter base ground wire and ground rod</li> <li>• Main disconnect (<i>service panel</i>)</li> <li>• Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>• Terminate customer conductors</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> </ul>	94-96
Commercial UG Metering Requirements for Multiple 1-Phase Customers Served from a New UG Padmount Transformer									
200	UG, 1-Phase, Padmount, (New)	UG, 1-Phase	120/240	Self Enclosed	Meter base	3/98	<u>Primary</u> <ul style="list-style-type: none"> <li>• Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conduit (<i>padmount to meter base</i>)</li> <li>• Meter base</li> <li>• Meter base ground wire and ground rod</li> <li>• Main disconnect (<i>service panel</i>)</li> <li>• Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>• Terminate customer conductors</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>• Primary conductors</li> <li>• Terminate primary conductors at padmount</li> <li>• Padmount transformer (<i>associated pad and grounding</i>)</li> <li>• Switch cans (<i>if required</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 94-96
Commercial UG Metering Requirements for a 1-Phase Customer Served from an Existing OH Transformer									
200	OH, 1-Phase	UG, 1-Phase	120/240	Self Enclosed	Meter base	4/99	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conduit (<i>weather head to meter base</i>)</li> <li>• Meter base</li> <li>• Meter base ground wire and ground rod</li> <li>• Main disconnect (<i>service panel</i>)</li> <li>• Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>• Terminate customer conductors</li> </ul>	<u>Secondary</u> <ul style="list-style-type: none"> <li>• Secondary conductors</li> <li>• Terminate secondary conductors</li> </ul>	94-96

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Three-Phase Commercial Service Requirements for Multiple Occupancy Buildings									
> 200	UG, 3-Phase, Padmount, (New)	UG, 3-Phase, Multiple Customers, Multiple Occupancy Building	120/208	CT Metering	Padmount	16/57 24/105	<u>Primary</u> <ul style="list-style-type: none"> <li>Transformer pad and associated grounding</li> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount to CT enclosure</i>)</li> <li>CT Enclosure (<i>install SLEMCO furnished CTs</i>)</li> <li>Disconnect switch</li> <li>Install SLEMCO furnished meter base</li> <li>Conduit between equipment</li> <li>Metering and main ground wires and ground rods</li> <li>Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>Terminate customer conductors</li> <li>Main disconnects (<i>service panels</i>)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer</li> <li>Switch cans (<i>if required</i>)</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 100-104
200	UG, 3-Phase, Padmount, (New)	UG, 3-Phase, Multiple Customers, Multiple Occupancy Building	120/208	Self Enclosed	Padmount	20/88 24/105	<u>Primary</u> <ul style="list-style-type: none"> <li>Transformer pad and associated grounding</li> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount/pedestal to meter base</i>)</li> <li>Install SLEMCO furnished meter base</li> <li>Meter base ground wire and ground rod</li> <li>Main disconnect (<i>service panel</i>)</li> <li>Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>Terminate customer conductors</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer</li> <li>Switch cans (<i>if required</i>)</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 100-104

Commercial Service Requirements - Cross Reference Table									
Amps	Transformer	Service	Voltage	Metering	POC	DWG /Page	Customer	SLEMCO	Pages
Single-Phase Commercial Service Requirements for Multiple Occupancy Buildings									
> 200 ≤ 400	UG, 1-Phase, Padmount, (New)	UG, 1-Phase, Multiple Customers, Multiple Occupancy Building	120/240	CT Metering	Disconnect Switch	10/79 25/112	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conduit (<i>padmount to CT enclosure</i>)</li> <li>CT Enclosure (<i>install SLEMCO furnished CT</i>)</li> <li>Disconnect switch</li> <li>Install SLEMCO furnished meter base</li> <li>Conduit between equipment</li> <li>Metering and main ground wires and ground rods</li> <li>Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>Terminate customer conductors</li> <li>Main disconnects (<i>service panels</i>)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer (<i>associated pad and grounding</i>)</li> <li>Switch cans (<i>if required</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 106-111
> 400	UG, 1-Phase, Padmount, (New)	UG, 1-Phase, Multiple Customers, Multiple Occupancy Building	120/240	CT Metering	Padmount	10/79 25/112	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> <li>Secondary conduit (<i>padmount to CT enclosure</i>)</li> <li>CT Enclosure (<i>install SLEMCO furnished CT</i>)</li> <li>Disconnect switch</li> <li>Install SLEMCO furnished meter base</li> <li>Conduit between equipment</li> <li>Metering and main ground wires and ground rods</li> <li>Customer conductors (<i>from load side of disconnect switch to main disconnects</i>)</li> <li>Terminate customer conductors</li> <li>Main disconnects (<i>service panels</i>)</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer (<i>associated pad and grounding</i>)</li> <li>Switch cans (<i>if required</i>)</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 106-111
200	UG, 1-Phase, Padmount, (New)	UG, 1-Phase, Multiple Customers, Multiple Occupancy Building	120/240	Self Enclosed	Meter base	3/98 25/112	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conduit (<i>source to padmount</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conduit (<i>padmount to meter base</i>)</li> <li>Meter base</li> <li>Meter base ground wire and ground rod</li> <li>Main disconnect (<i>service panel</i>)</li> <li>Customer conductors (<i>from load side of meter base to main disconnect</i>)</li> <li>Terminate customer conductors</li> </ul>	<u>Primary</u> <ul style="list-style-type: none"> <li>Primary conductors</li> <li>Terminate primary conductors at padmount</li> <li>Padmount transformer (<i>associated pad and grounding</i>)</li> <li>Switch cans (<i>if required</i>)</li> </ul> <u>Secondary</u> <ul style="list-style-type: none"> <li>Secondary conductors</li> <li>Terminate secondary conductors</li> </ul>	<u>Primary</u> 45-47  <u>Secondary</u> 106-111