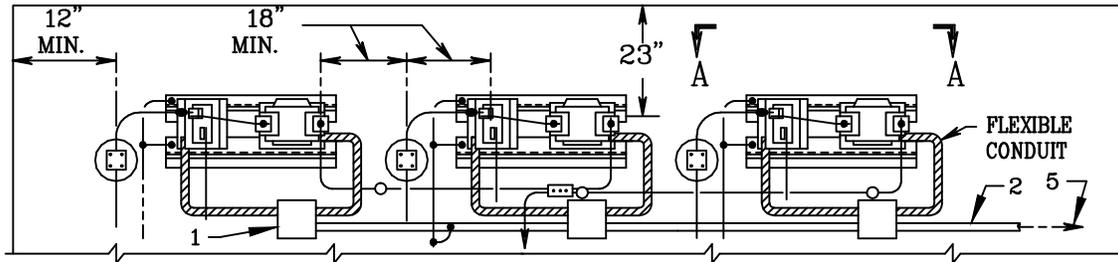


Typical Arrangement of Instrument Transformers Installed  
in Customer-Owned Transformer Vault or Enclosure  
15KV or Less

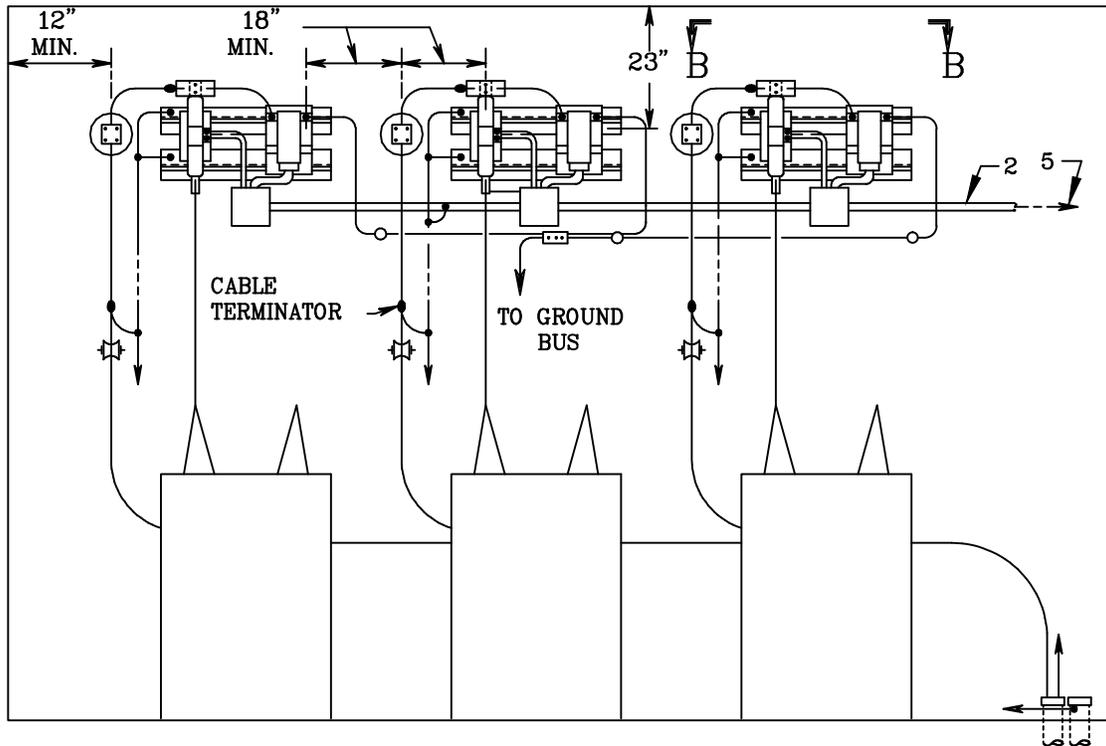
NOT TO SCALE

<u>VOLTAGE:</u> 3 Phase, 4 Wire WYE 7,200/12,470V	<u>SERVICE TYPE:</u> Overhead Underground
<u>CUSTOMER LOAD:</u> 4 MVA Maximum	<u>METERING EQUIPMENT LOCATION:</u> Indoor

**NOT FOR NEW CONSTRUCTION**



TO GROUND BUS  
ARRANGEMENT OF EQUIPMENT WHEN OUTDOOR  
TYPE INSTRUMENT TRANSFORMERS ARE INSTALLED



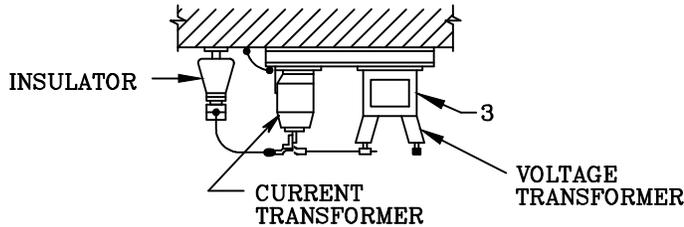
ARRANGEMENT OF EQUIPMENT WHEN INDOOR  
TYPE INSTRUMENT TRANSFORMERS ARE INSTALLED

\*REFERENCE CRS 6-09-198, SKETCH #8C

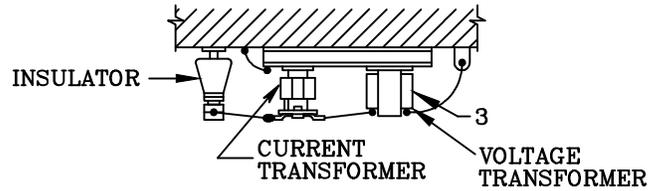
<p>RULES FOR ELECTRIC METER AND SERVICE INSTALLATIONS <b>PPL ELECTRIC UTILITIES CORPORATION</b></p>	<p><b>Rules:</b> 8, 18</p>	<p>REMSI_S036.dwg</p>
	<p><b>Date:</b> 3/4/14 <b>Engr:</b> JCC</p>	

Typical Arrangement of Instrument Transformers Installed  
in Customer-Owned Transformer Vault or Enclosure  
15KV or Less

NOT TO SCALE



SECTIONAL PLAN A-A



SECTIONAL PLAN B-B

CUSTOMER FURNISHES, INSTALLS, MAINTAINS:

1. 8 INCH BY 8 INCH BY 4 INCH WEATHER TIGHT JUNCTION BOX
2. 1-1/4 INCH MINIMUM THREADED, GALVANIZED, RIGID OR SCHEDULE 40 PVC CONDUIT AND FITTINGS BETWEEN 8 INCH BY 8 INCH BY 4 INCH WEATHER TIGHT JUNCTION BOX AND METER PANEL.

PPL EU FURNISHES, MAINTAINS; CUSTOMER INSTALLS:

3. INSTRUMENT TRANSFORMERS AND MOUNTING STEEL.
4. METER PANEL AT A LOCATION OUTSIDE OF TRANSFORMER ENCLOSURE (NOT SHOWN). SEE SKETCH #8C.

PPL EU FURNISHES, INSTALLS, MAINTAINS:

5. WIRING BETWEEN INSTRUMENT TRANSFORMERS AND METER PANEL (SEE RULE 18).

NOTES:

1. PPL EU'S DISTRIBUTION SYSTEM CAN SUPPORT FUSING UP TO 175E STANDARD SPEED POWER FUSES FOR POINT OF CONTACT APPLICATIONS. IF A 175E FUSE IS INADEQUATE FOR CUSTOMER LOADING, THEN AN ELECTRONIC FUSE OR A GROUP OPERATED TRIPPING DEVICE SUCH AS A RECLOSER OR RELAYED CIRCUIT BREAKER IS REQUIRED.

\*REFERENCE CRS 6-09-198, SKETCH #8C

<p>RULES FOR ELECTRIC METER AND SERVICE INSTALLATIONS <b>PPL ELECTRIC UTILITIES CORPORATION</b></p>	<p><b>Rules:</b> 8, 18 <b>Date:</b> 3/4/14 <b>Engr:</b> JCC</p> <p style="text-align: right;">REMSIP2_S036.dwg</p>
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