

P2 Title 24 Configuration

Step by step instructions on how to configure a Title 24 Panelboard.

P2 Title 24 Panelboard

Things to do:

- ✓ Under the General Tab, make selections then check “Title 24” check box under “Classification”.

The screenshot shows the 'TITLE 24' configuration window with the following settings:

- General Tab:** Designation: TITLE 24; Endurance Type: 1 Indoor; Service Entrance: ; Series Rated: ; System Voltage: 208Y/120 3Ø 4W Wye AC; System Interrupting Rating: 10,000.
- Classification:** Column Type: ; SEM3: ; Maintenance Bypass: ; 2008 NEC Accepted: ; **Title 24 Application:** (highlighted with a red box).
- Circuit Numbering:** Alignment: Horizontal; Circuit Type: By Poles; Continuous: ; Plant Routing: Auto.

Title 24 Configuration

- ✓ Go to Devices to configure the panelboard. Enter “2” for Title 24 CT Provision. (Using 2 for this example)

The screenshot displays the configuration interface for a panelboard. On the left, a tree view shows the hierarchy: TITLE 24 > 250A MLO/Section-1 > 20 A/1 - BL (42). The main panel is titled 'TITLE 24*' and '250A MLO/Section-1*'. It features several tabs: 'Branch', 'Next Section', 'Split Bus', 'Custom Metering', and 'Special Mod'. Below these are fields for 'Breaker', 'Branch Contactor', '30A - 600A VBS', '400A - 1200A HCP', 'Time Clock', and 'SPD'. The '250A MLO/Section-1' section is expanded to show 'Panelboard Mains*', 'Enclosure Calculations*', and 'Section Modifications*'. Under 'Panel Mains', there are radio buttons for 'Main Lug Only' (selected), 'Main Breaker', 'Main Contactor', 'Main HCP', and 'Main VB Switch'. The 'Main' section has a 'Main Ampere' dropdown set to '250'. 'Incoming Lugs' includes 'Lug Type' (radio buttons for 'Mechanical' and 'Compression'), 'Lug Material' (radio buttons for 'Al/Cu' and 'Copper Only'), and 'Lug Wire Range' (dropdown set to '(1)#6-350Kcmil'). 'Additional Lugs' has checkboxes for 'Sub Feed Lugs' and 'Feed Thru Lug'. A red box highlights the 'CT Provision Qty*' field, which is set to '2'. The 'Panelboard Catalog Number' is 'P2C42ML250ATS'.

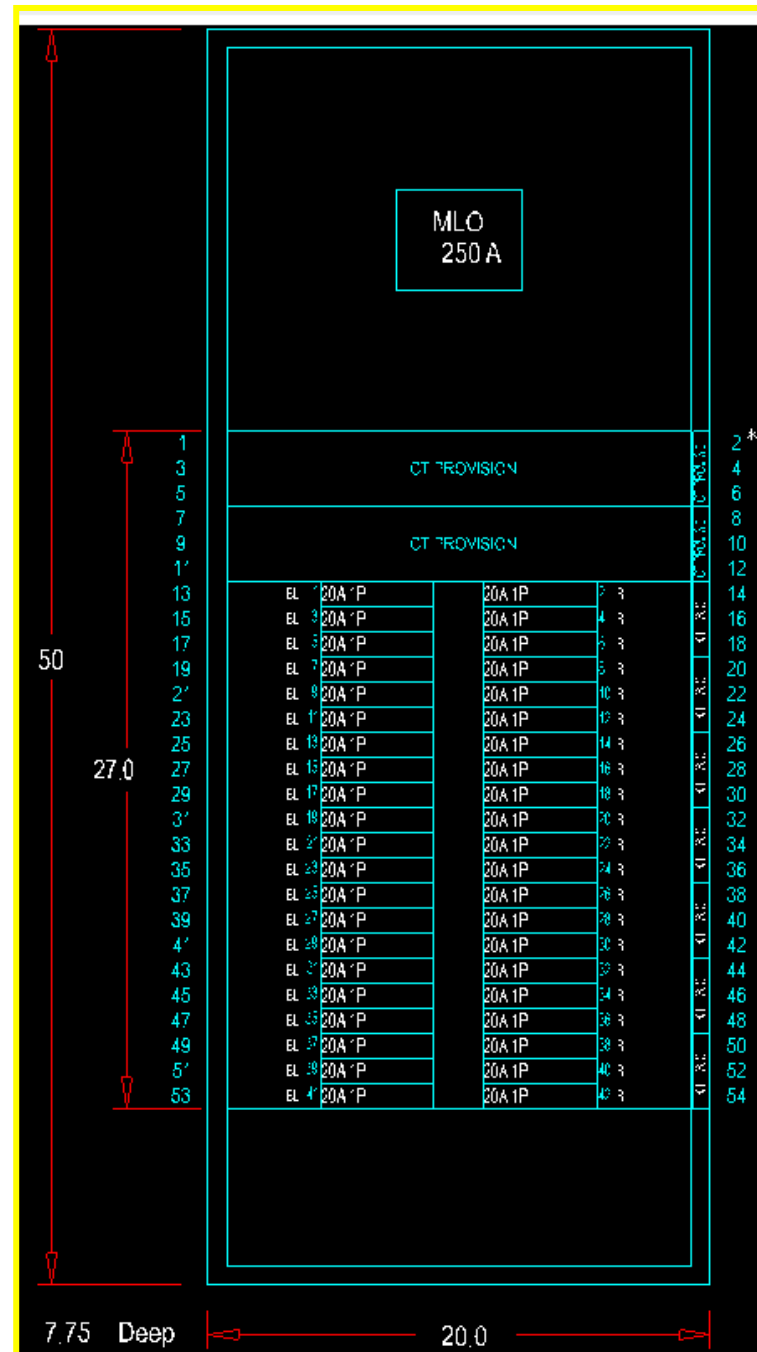
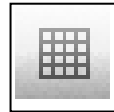
- ✓ Click on Auto Layout



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Note: The layout provides the CT provisions and the branch breakers. You need to place the CT provisions to the required place in the panelboard.

Click on the icon that will Clear all Devices to the workbench.

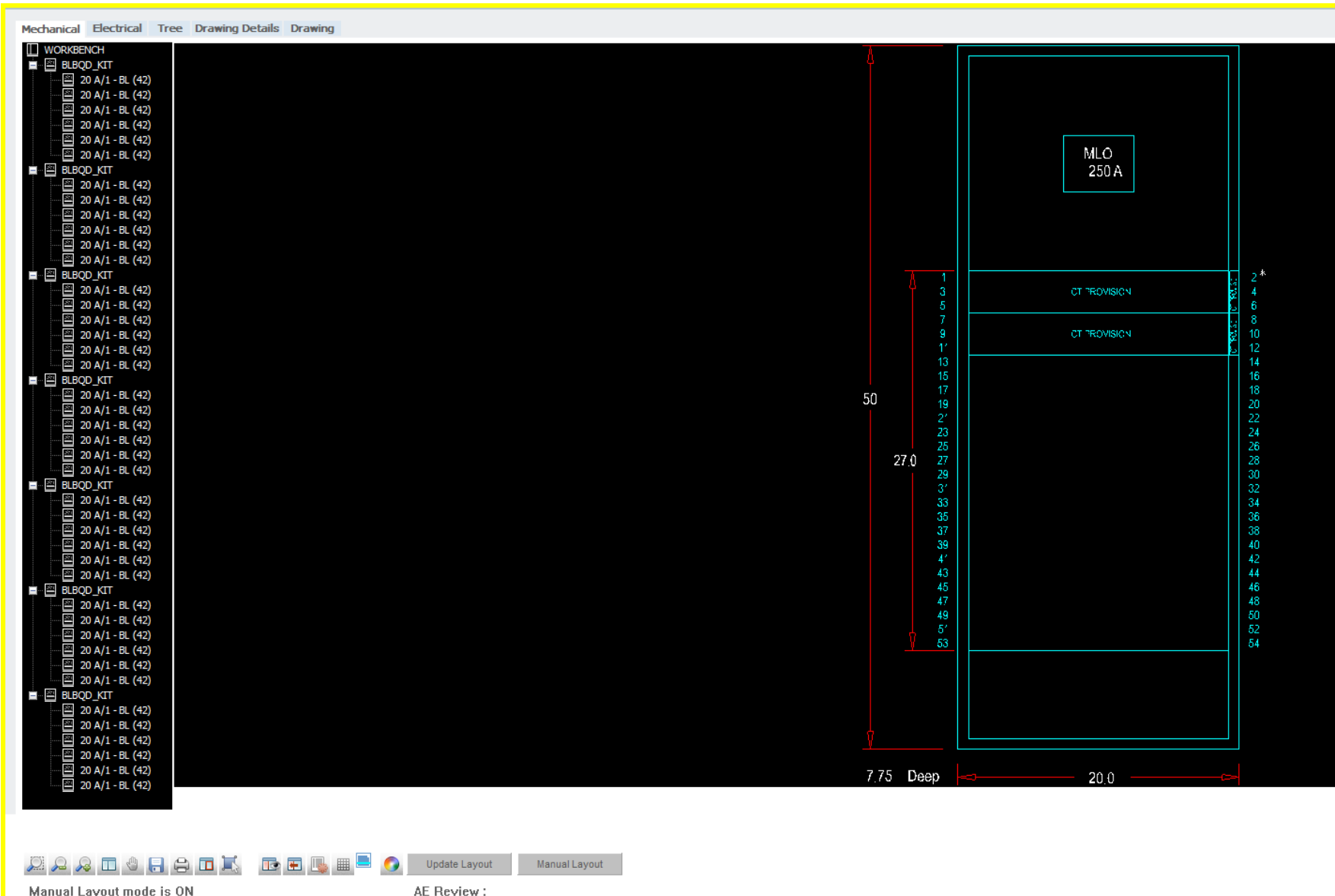


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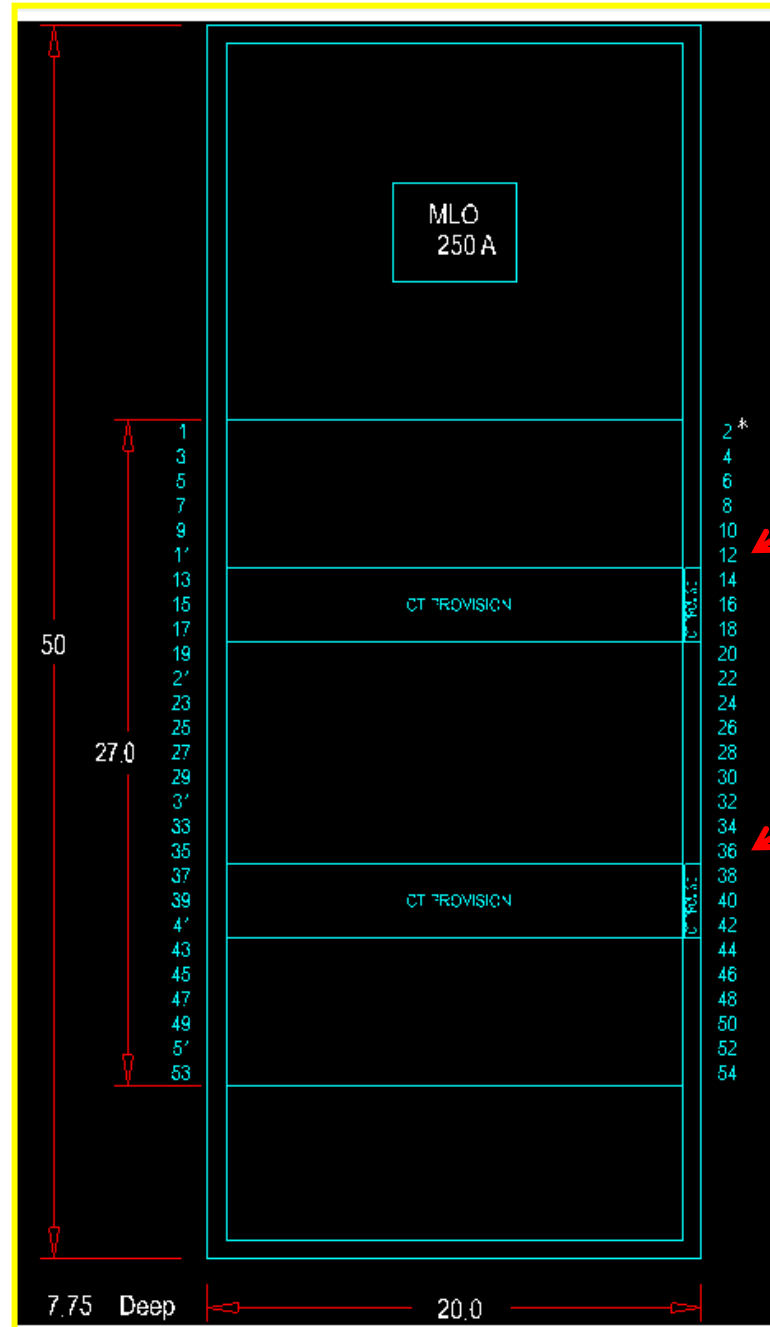
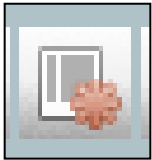
The next step is to Drag and Drop the CT Provisions in the required circuits.
NOTE: This is a P2 panelboard. The CT provisions must accommodate 6 poles increments above and below the CT Provision. Move the CT Provisions and Branch breakers in groups of 6 pole increments.



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Note: I placed the first CT Provision after circuit 12 and the second CT Provision after Circuit 36.
(6 Circuit increments)

The next step is to click on the Auto Layout Icon.

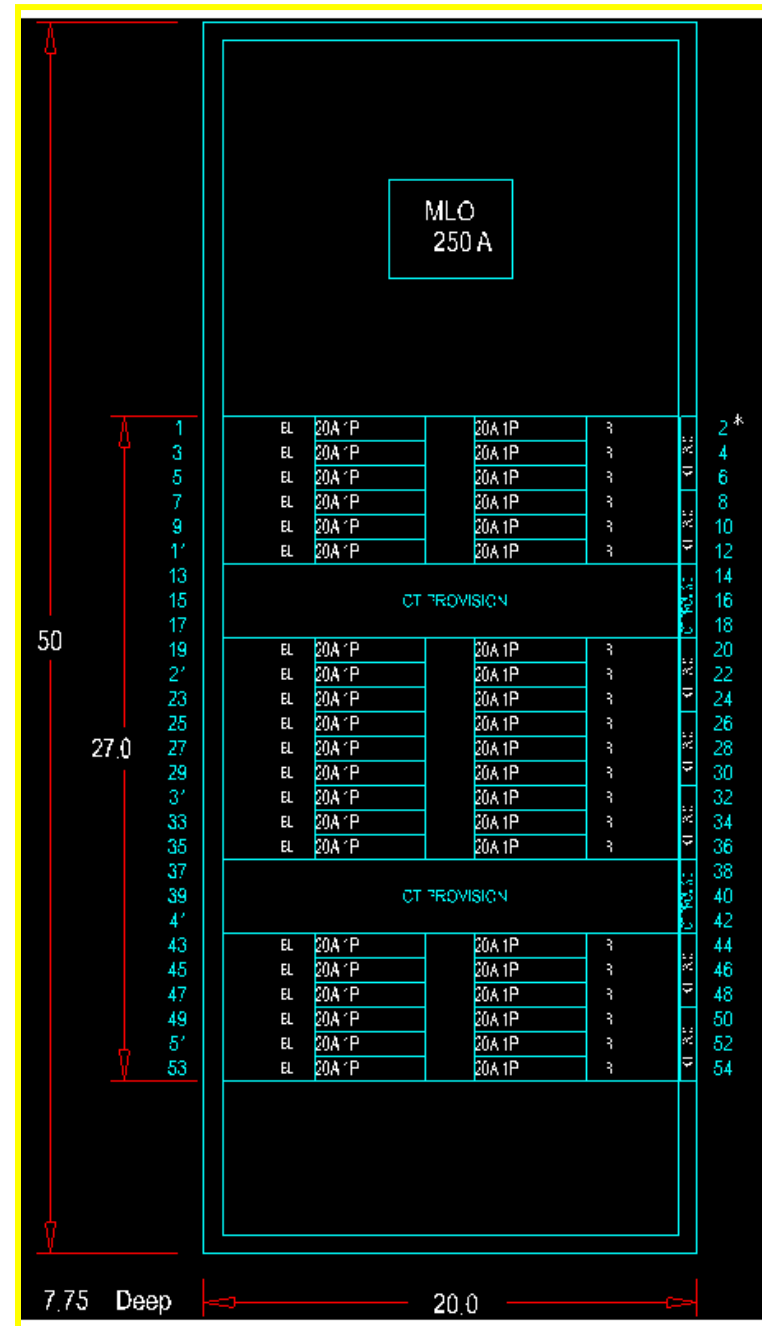


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Title 24 Configuration

You now have a Title 24 Panelboard.
 This is a custom panelboard. If you select “Delete Layout” for any reason you will lose this layout.

Title 24 uses the P2 panelboard.
 Maximum amperage is 400 amps.



Thanks for Viewing

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