Adding circuits to Power
All electrical symbols in a project must be placed on a power circuit (layer) and until there is
At least 1 power circuit you won't see the electrical symbols at the bottom of the screen.

This is a default
Blank Project

Notice there are no power
circuits listed under "Power"

Also notice no electrical symbols
are shown until we create a circuit.

First click on "Power" to
select it (Blue)

Then click on "Add a new circuit"

Screen 1

Residential Wire Pro 5 [New File]

File Edit Pages View Zoom Libraries Project Options Help

Snap: Enabled (space bar temporarily disables)

(Floor Plan)
Page 1

Paper: (Letter, 8.5 x 11 inches, Landscape)
Paper Options...
Scale Ratio: (1:96)
Change Ratio... Start Scale Ratio Calculato
Background Image:
Import PDF For Image...

- Floor Plans
  - ☑ Walls/Windows/Doors
  - ☑ Electrical Appliances
  - ☑ Plumbing Fixtures
  - ☑ Power
  - ☑ Structured
- Documents
- Invoices
- Estimates
- Inventory Items
- Labels

Drawing Tools

Now add a circuit name and the library of symbols for that circuit "All"

Add A New Circuit

Enter A Name For This Circuit

Select The Libraries For This Circuit

Library Organizer...

OK   Cancel

Properties | Graphic Objects | Smart Blocks

Power - General

☑ Visible ☐ Locked

Circuit Information:
   Total Power Circuits: 0
   Add A New Circuit...

Screen 2

Residential Wire Pro 5 [New File]

File Edit Pages View Zoom Libraries Project Options Help

Snap: Enabled (space bar temporarily disables)

(Floor Plan)
Page 1

Paper: (Letter, 8.5 x 11 inches, Landscape)
Paper Options...
Scale Ratio: (1:96)
Change Ratio... Start Scale Ratio Calculato
Background Image:
Import PDF For Image...

- Floor Plans
  - ☑ Walls/Windows/Doors
  - ☑ Electrical Appliances
  - ☑ Plumbing Fixtures
  - ☑ Power
  - ☑ Structured
- Documents
- Invoices
- Estimates
- Inventory Items
- Labels

Drawing Tools

Add A New Circuit

Enter A Name For This Circuit
All Power

Select The Libraries For This Circuit
ALL

Library Organizer...

OK   Cancel

Now click the OK button.

Properties | Graphic Objects | Smart Blocks

Power - General

☑ Visible ☐ Locked

Circuit Information:
   Total Power Circuits: 0
   Add A New Circuit...

Residential Wire Pro 5 [New File]

File Edit Pages View Zoom Libraries Project Options Help

8 25/32 Inches, 4 15/32 Inches   Snap: Enabled (space bar temporarily disables)

(Floor Plan)
Page 1

Paper: (Letter, 8.5 x 11 inches, Landscape)
Paper Options...
Scale Ratio: (1:96)
Change Ratio... Start Scale Ratio Calculato
Background Image:
Import PDF For Image...

Floor Plans
    Walls/Windows/Doors
    Electrical Appliances
    Plumbing Fixtures
    Power
        All Power
    Structured
Documents
Invoices
Estimates
Inventory Items
Labels

Drawing Tools

Click on your power circuit

Properties Graphic Objects Smart Blocks

Power - General

☑ Visible ☐ Locked

Circuit Information:
    Total Power Circuits: 1
    Add A New Circuit...

Residential Wire Pro 5 [New File]

File Edit Pages View Zoom Libraries Project Options Help

Snap: Enabled (space bar temporarily disables)

(Floor Plan)
Page 1

Paper: (Letter, 8.5 x 11 inches, Landscape)
Paper Options...
Scale Ratio: (1:96)
Change Ratio... Start Scale Ratio Calculato
Background Image:
Import PDF For Image...

Floor Plans
    Walls/Windows/Doors
    Electrical Appliances
    Plumbing Fixtures
    Power
        All Power
    Structured
Documents
Invoices
Estimates
Inventory Items
Labels

Now the electrical symbols are shown and can be added to your project.

The same procedure is used to add a Structured (phone, video, speakers etc) circuit to your project.

If you use our "Default Project" when loading a new project there are 10 power circuits and 2 structured circuits already made.

Properties Graphic Objects Smart Blocks

Power Circuit

☑ Visible ☑ Show Wires

Circuit Information:
    Circuit Name: All Power
    Circuit ID: <No ID Specified>
    Total Wires In Circuit: 0
    Total Symbols In 0

Change The Circuit Name...
Add A Circuit Id...
Highlight The Circuit On This Page
Highlight Symbols
Highlight Textboxes [   ] (Optional Filtering Text)
Duplicate This Circuit...
Move All Items To Another Circuit...
Delete This Circuit...

Library Organizer:
[   ]

Drawing Tools   Wires   Switches   Receptacles   Outlets   Lights   Motor Starters   Relays   Service Panels   Alarms/Buzzers/Bells   Cameras   Control Panels   Detectors   Door Openers