

# **Electrical Starter Pack**

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# **User Guide**

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**PlanSwift**

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# Table of Contents

Overview .....	3
Purchasing and Installation .....	4
Purchasing Plugins.....	4
Installation and Uninstallation .....	4
Features.....	5
How To .....	6
How to: Add Your Own Electrical Symbol Icons.....	6
How to: Copy and Paste an Assembly.....	8
How to: Copy and Paste Parts.....	13
How to: Drag and Drop Parts .....	18
FAQ.....	20
Compendium.....	21
Electrical Starter Pack Templates.....	21
Electrical Assemblies.....	21
Electrical Parts.....	51
Electrical Symbols.....	54
Electrical Starter Pack Lists.....	58
Boxes .....	58
Conduit.....	59
Connectors .....	60
Covers.....	61
Lighting.....	62
A/V and Communication .....	62
Motorized and HVAC.....	63
Plaster Rings .....	63
Power Distribution .....	64
Receptacles .....	64
Switches .....	65
Wire.....	66
Complete Symbol List.....	67
Conduit Fittings .....	68

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# Overview

This guide will teach you how to properly use the tools and features found within the Electrical Starter Pack. It is designed for use with PlanSwift® Takeoff and Estimating Software. This guide is not meant to be a step-by-step “walk through” document, although it can be used as a reference for getting the work done. If you encounter technical difficulty, consult this guide (including the [FAQ](#) section of this user manual) or contact the technical support department at:

PlanSwift® Technical Support  
[support@PlanSwift.com](mailto:support@PlanSwift.com)  
1-888-752-6794 ext. 2

PlanSwift also offers additional training. For training options, contact the training department at:

PlanSwift® Training Department  
[training@PlanSwift.com](mailto:training@PlanSwift.com)  
1-888-752-6794 ext. 4

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# Purchasing and Installation

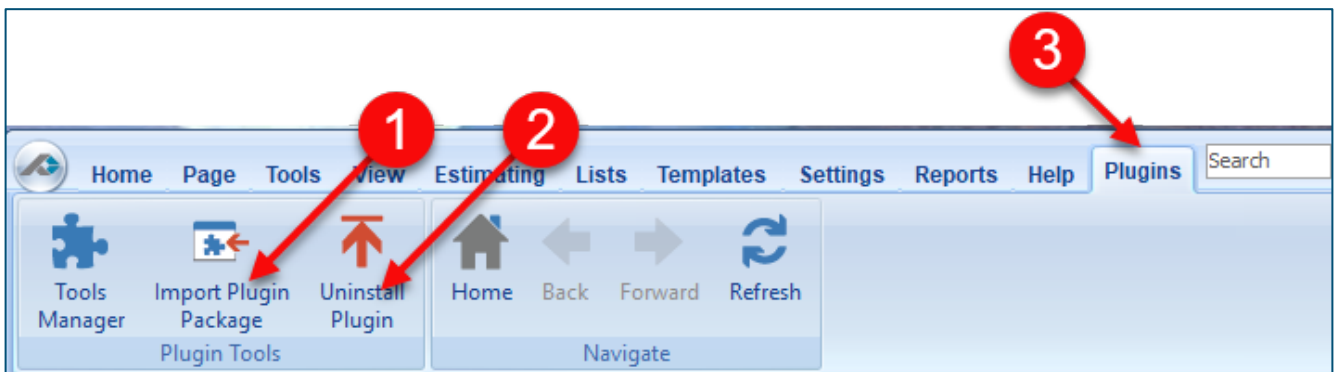
## Purchasing Plugins

If you need to purchase PlanSwift or a plugin product, contact the Sales Department at:

PlanSwift® Sales  
[sales@PlanSwift.com](mailto:sales@PlanSwift.com)  
1-888-752-6794 Ext. 1

## Installation and Uninstallation

Installing and uninstalling starter packs is simple. For installing them, click on the Import Plugin Package icon (arrow 1 in Figure 1) from the PlanSwift Main Ribbon-bar **Plugin** tab (arrow 3 of Figure 1) and follow the prompts from there. For uninstalling, click on the **Uninstall Plugin** (arrow 2 in Figure 1) and follow those prompts.



**Figure 1**

# Features

The Electrical Starter Pack includes **Electrical Assemblies**, **Electrical Parts**, and **Electrical Symbols** found in the **Templates** tab of PlanSwift (Figure 2, arrows 1, 2, and 3). This starter pack has an additional feature that allows you to add your own electrical symbols. Note that the **Electrical Symbols** tab is not visible after the plugin is installed until you click on the **down-arrow** (arrow 4) and select the **Electrical Symbols** tab (arrow 5) to be visible. The assemblies, parts, symbols, and lists of them (on the **Lists** tab) are listed in the [Compendium](#) at the end of this guide. The templates are also visible in the **Templates** sidebar window (arrow 6), where they may be used to initiate takeoffs. With these Electrical Starter Pack assemblies and parts, PlanSwift users can easily customize assemblies and parts for later use.

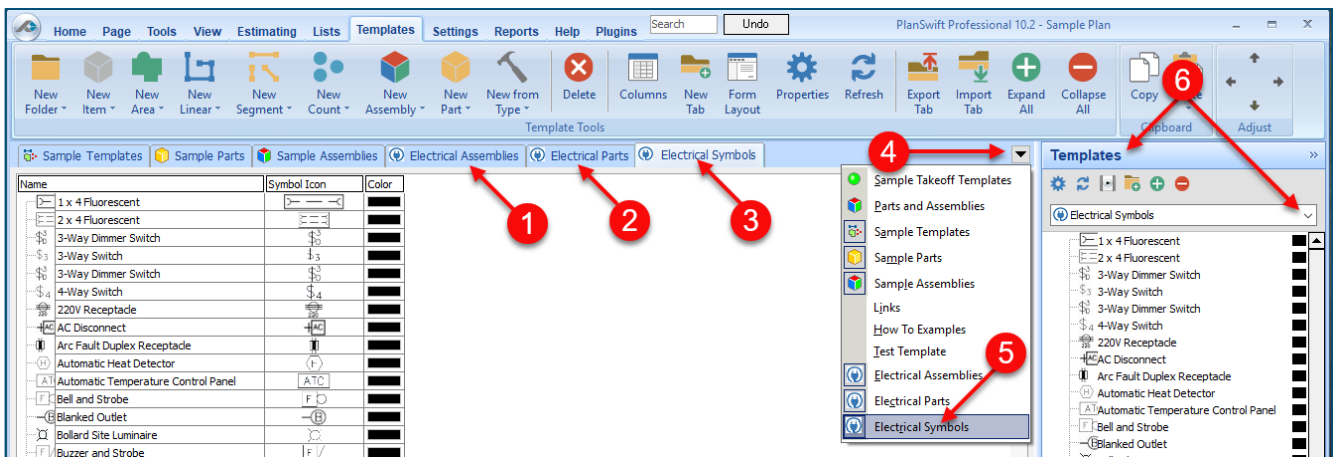


Figure 2

Starter Packs contain a large library of prebuilt templates, parts and assemblies. Modifying the library of parts and assemblies for any Starter Pack allows users the ability to customize their Templates to their specific needs. Users will save countless hours of setup by utilizing a Starter Pack as their starting point for building custom parts and assemblies. The instructions below will guide new users through the basics of modifying parts and assemblies. We highly recommend purchasing a training package for accelerated learning and faster customization.

# How To

## How to: Add Your Own Electrical Symbol Icons

Adding an electrical symbol icon requires you to copy an existing template item, paste it as a new template item, rename it, assign a new icon to it, and then add it to the **Complete Symbol List** under the **Lists** tab.

1. To create a new symbol icon, click on the **Templates** window (see Figure 2)
2. Click on the **Electrical Symbols** tab. See [Features](#) for how to unhide this tab.
3. Click to select any **template item** from the list on the **Electrical Symbols** tab.
4. Click on **Copy** on the **Templates** tab ribbon-bar.
5. Click on the **Paste** button to paste the copy right below the original.
6. Right-click (or double-click) on the name to open the **Properties** window.
7. Double-clicking in the **Symbol Icon** field opens a window, allowing you to browse and select a new symbol (we recommend using .PNG images).
8. You must give the newly created template item a unique **Name**.

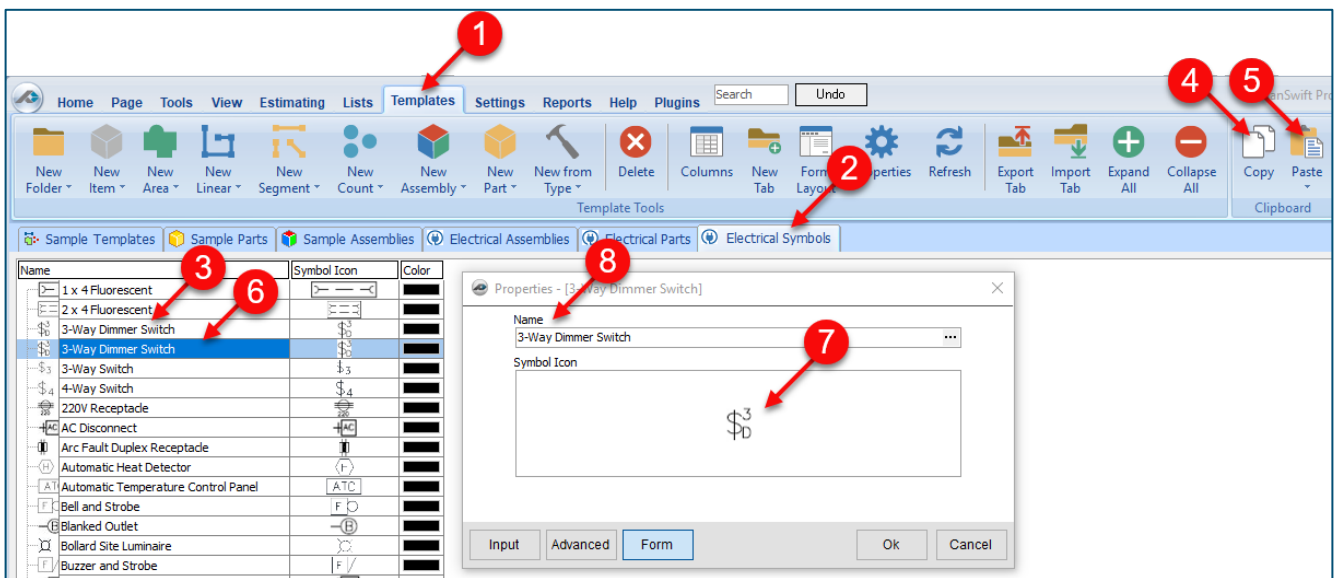


Figure 2

9. Click on the Lists tab (Figure 3) on the Main ribbon-bar menu.
10. Click on **Complete Symbol List** under the **Electrical** folder. The main window displays the names of electrical symbols.
11. Click in this window, scroll to the bottom (optional), and add the name of the new symbol icon you created. (Adding your new names to the bottom allows you to track your changes to the list.)

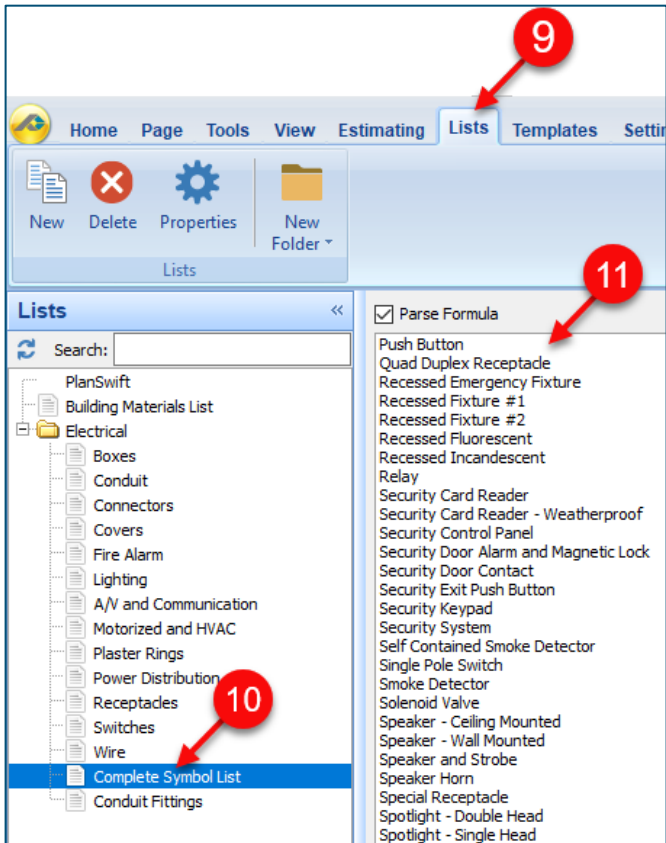


Figure 3

## How to: Copy and Paste an Assembly

The purpose of copying and pasting an assembly is to allow the user to copy and then modify the assembly for later use. As an example, you may want two different assemblies: one might include a part, and another might have an alternative part or not include that part at all. By copying one assembly and then modifying and renaming the copy (for easy identification), you can have two different assemblies available, allowing for easier and faster takeoffs. Figure 4 shows the **Templates Tab** (arrow 1) and the **Area Takeoff Item Example 1** assembly (arrow 2). If you want to add another assembly but with no **Material 3**, then you would click on the assembly you want to copy (arrow 2), click on **Copy** (arrow 3), and then click on **Paste** (arrow 4).

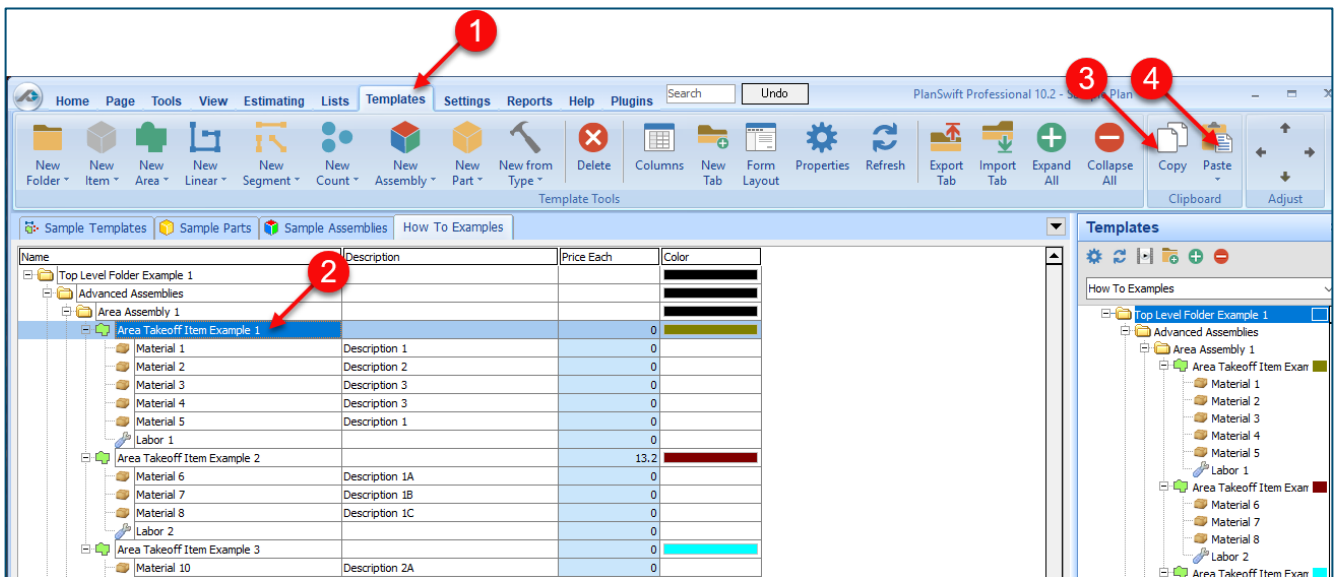


Figure 4



Figure 5 shows the original (arrow 1) and new **Area Takeoff Item Example 1** assembly (arrow 2). To delete the **Material 3** (arrow 3) from the newly created **Area Takeoff Item Example 1** assembly (arrow 2), click on **Material 3** (arrow 3), click on **Delete** (arrow 4), and click on **OK** in the popup window to confirm the deletion.

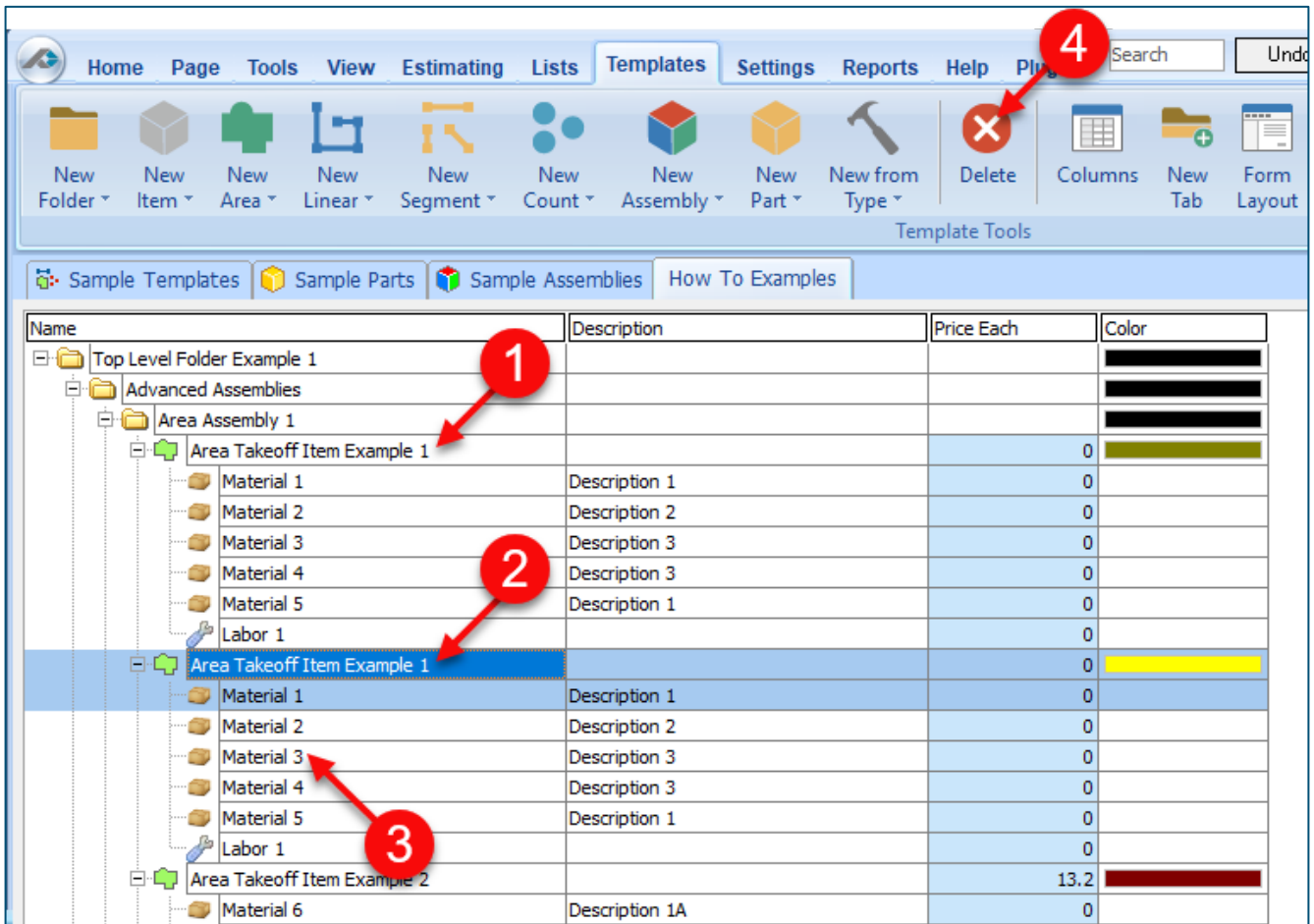


Figure 5

Figure 6 now shows the two assemblies, one with (arrow 1) and one without (arrow 2) the **Material 3** item. You can now change the description of the duplicated **Area Takeoff Item Example 1** (arrow 3) without the **Material 3** item by double-clicking the duplicate **Area Takeoff Item Example 1** (arrow 3).

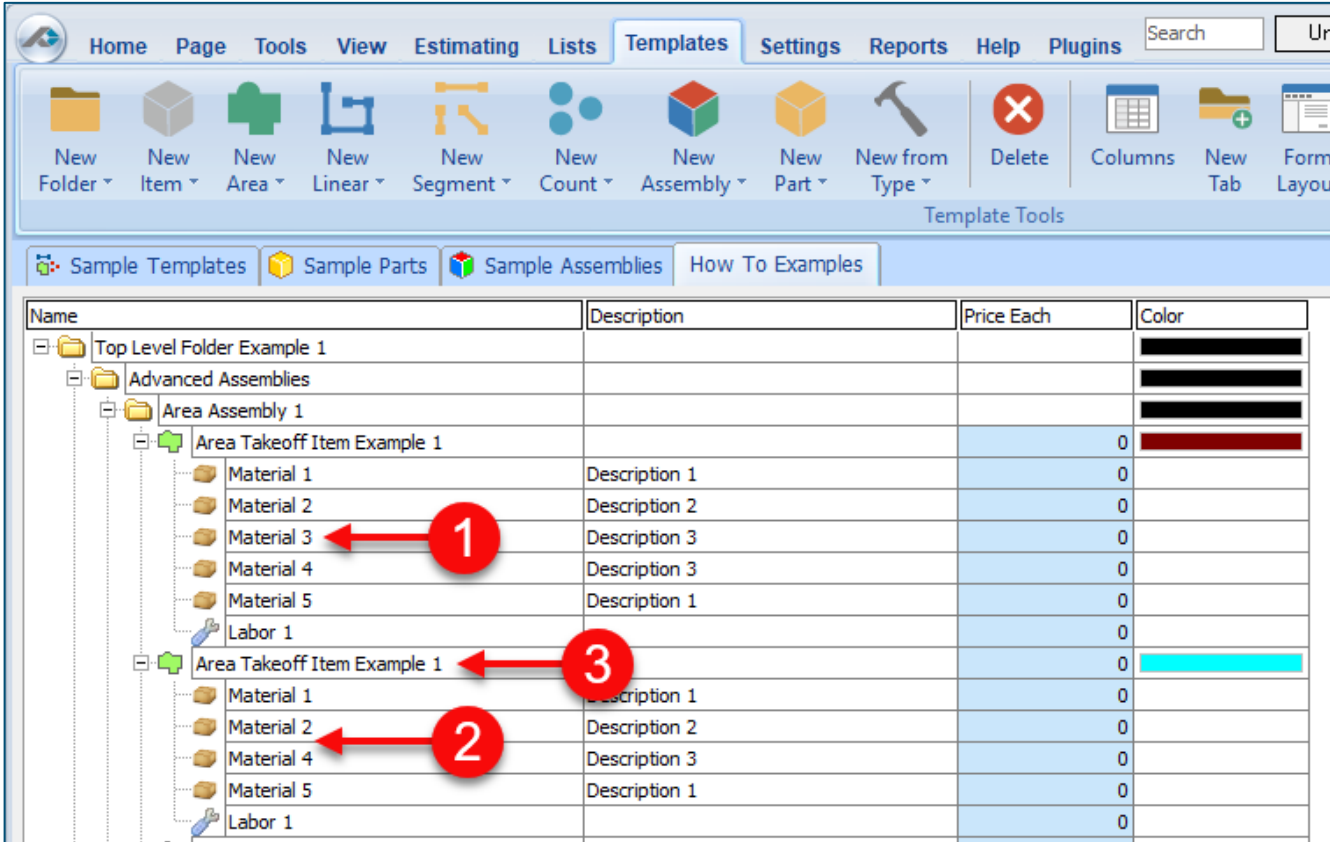


Figure 6

This opens the **Properties – [Area Takeoff Item Example 1]** window (Figure 7) where you can change the assembly’s name to something like **Area Takeoff Item Example 1—No Material 3** to make it easier to identify.

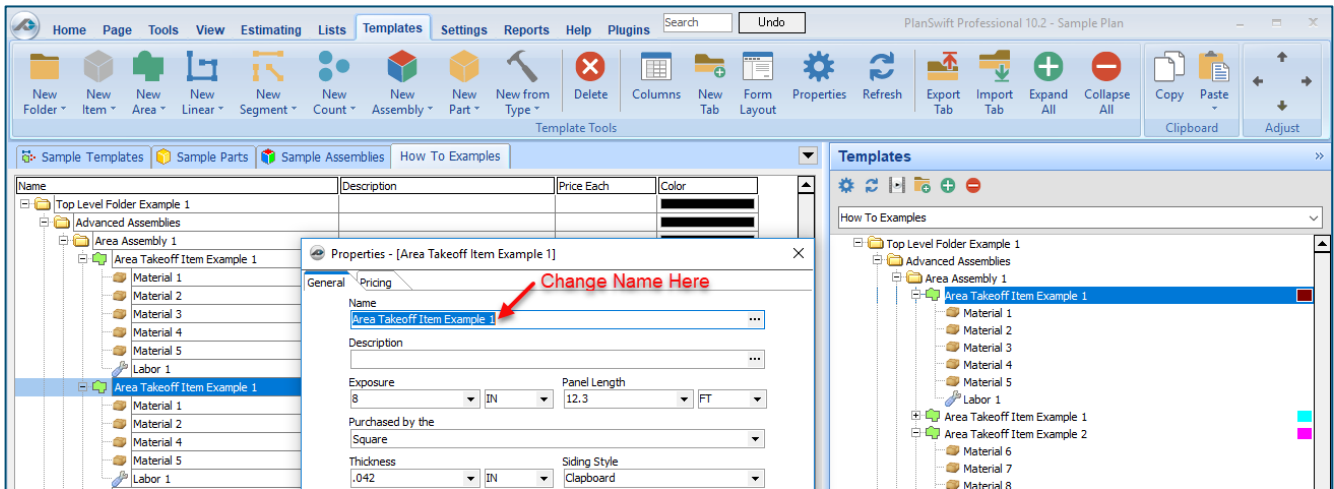


Figure 7

Click on **Ok** in the **Properties** window after you have entered the name. Figure 8 shows the new name.

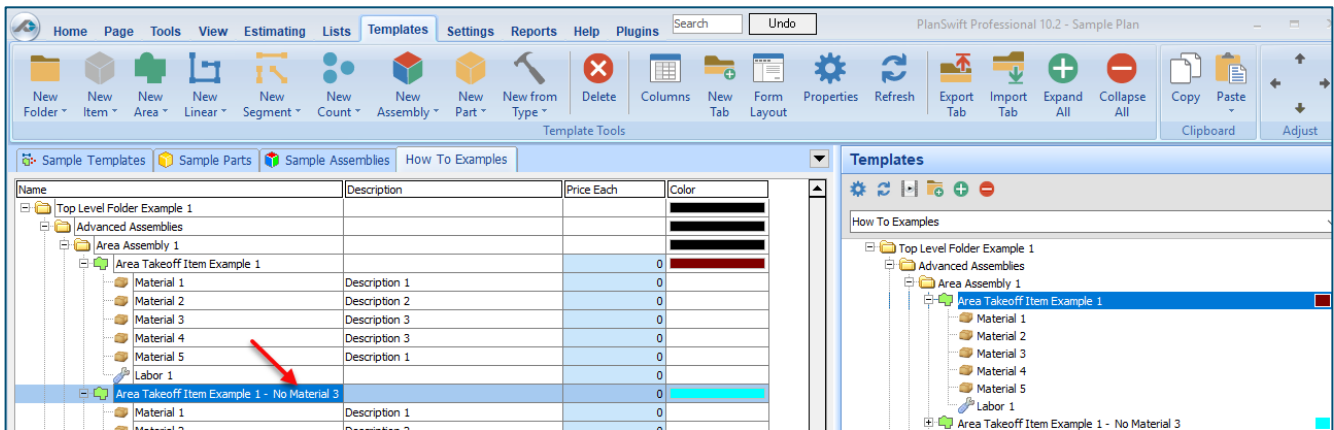
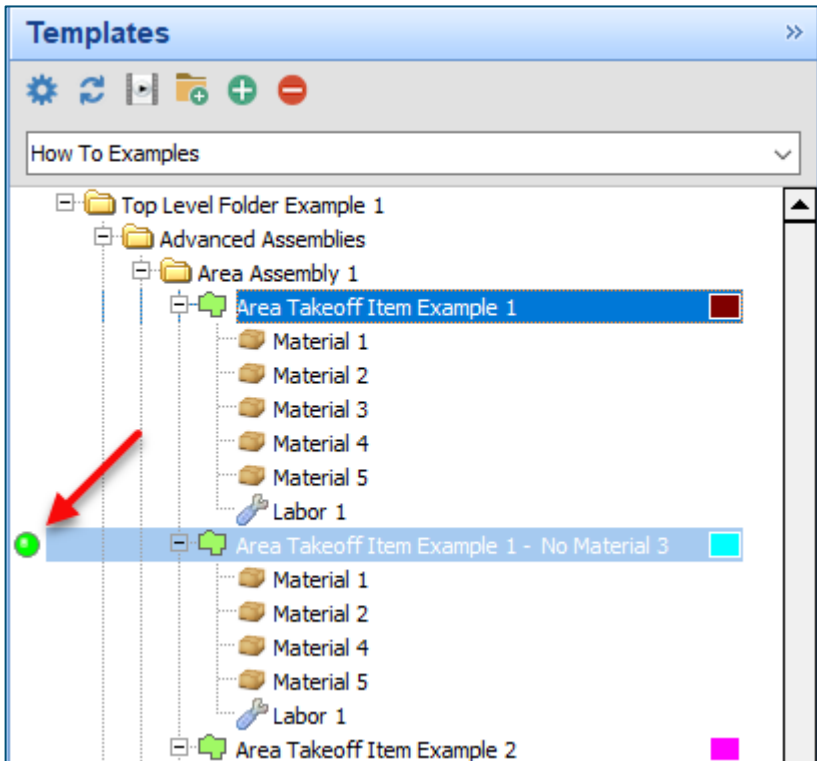


Figure 8

To perform a takeoff with the **Area Takeoff Item Example 1—No Material 3** assembly, go to the takeoff page, click on the green **Record Button** (see the arrow in Figure 9) in the **Templates** sidebar window, and then proceed to do your takeoff.



**Figure 9**

### Disclaimer

Any modifications that a user makes to a Starter Pack should always be tested and verified by that user to ensure quantities and calculations are accurate. PlanSwift cannot verify the accuracy of modifications made to templates, parts and assemblies by the user.

## How to: Copy and Paste Parts

Copying and pasting parts is handled similarly to copying and pasting an assembly. If, for instance, you want to move **Material 6** in **Area Takeoff Item Example 2** to **Area Takeoff Item Example 1**, click on **Material 6** (Figure 10, arrow 1), then click on copy (arrow 2).

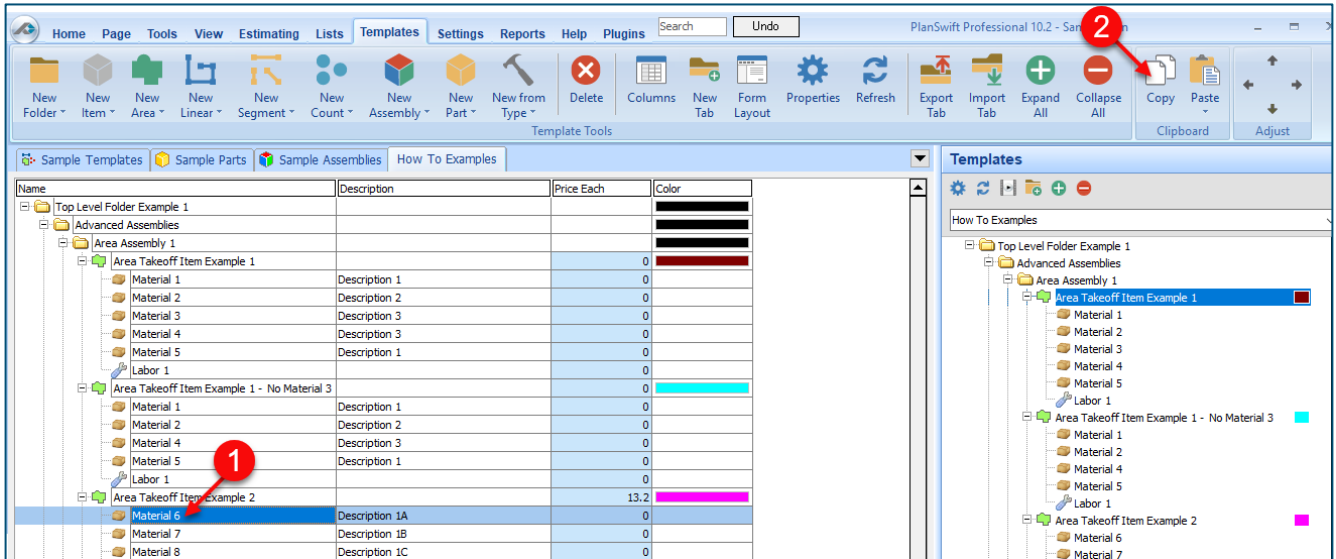
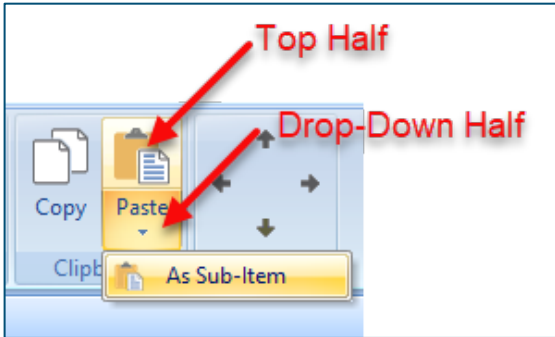


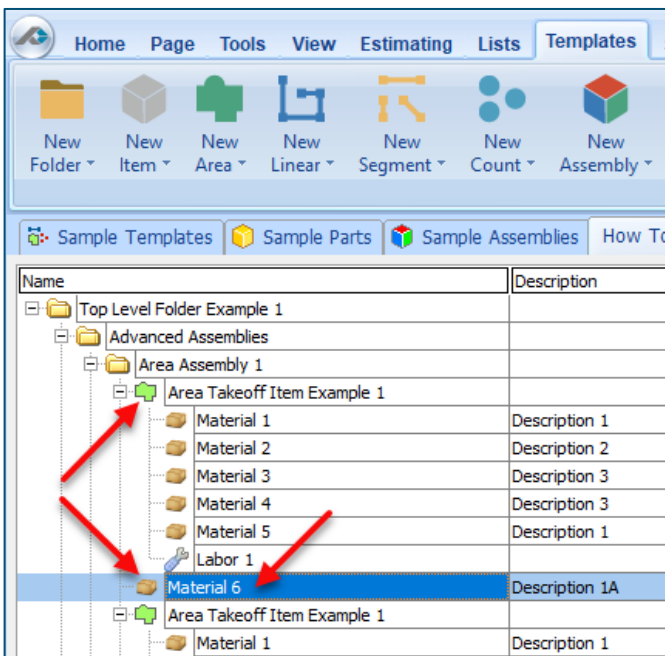
Figure 10

There are now two ways to paste the part. The first is to paste it at the same hierarchical level of a selected item, and the second is to paste it as a sub-item of a selected item. Figure 11 shows the **Paste** button. Clicking on the top half of the button pastes the part at the same hierarchical level of a selected item. Clicking on the drop-down half of the button, then selecting **As Sub-Item** pastes the part as a sub-item of the selected item.



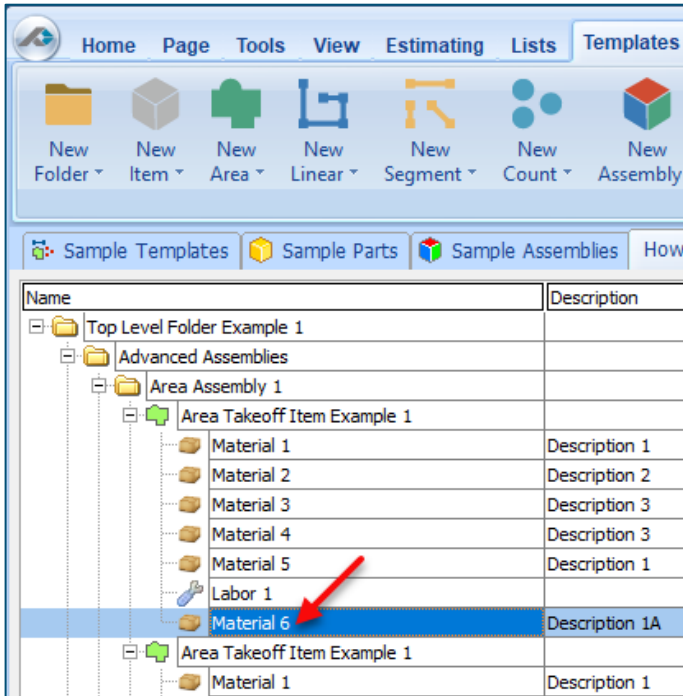
**Figure 11**

Click on **Area Takeoff Item Example 1**, then click on the top half of **Paste**. As shown in Figure 12, **Material 6** gets pasted at the same hierarchical level as **Area Takeoff Item Example 1**.



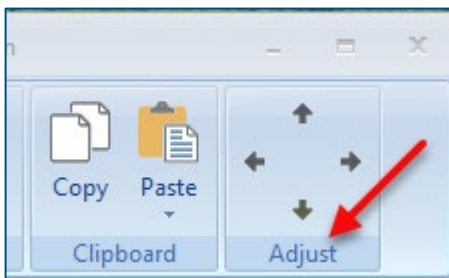
**Figure 12**

If you had selected the drop-down half of the **Paste** button, then **Material 6** would be a sub-item of **Area Takeoff Item Example 1**. Figure 13 shows **Material 6** as a sub-item.



**Figure 13**

Another way to adjust the hierarchy of an item, such as **Material 6**, is to use the Main Ribbon bar arrow **Adjust** keys (Figure 14).



**Figure 14**

The left and right **Adjust** arrows move the item left and right (up or down) in the hierarchy, and the up and down **Adjust** arrows keys moves the item higher and lower in the list of items.

A shortcut to the **Copy** and **Paste** and **Paste as Sub-Item** selections is available with a right-click menu. Figure 15 shows the **Copy**, **Paste**, and **Paste As Sub-Item** options on the right-click menu when **Material 6** is right-clicked on.

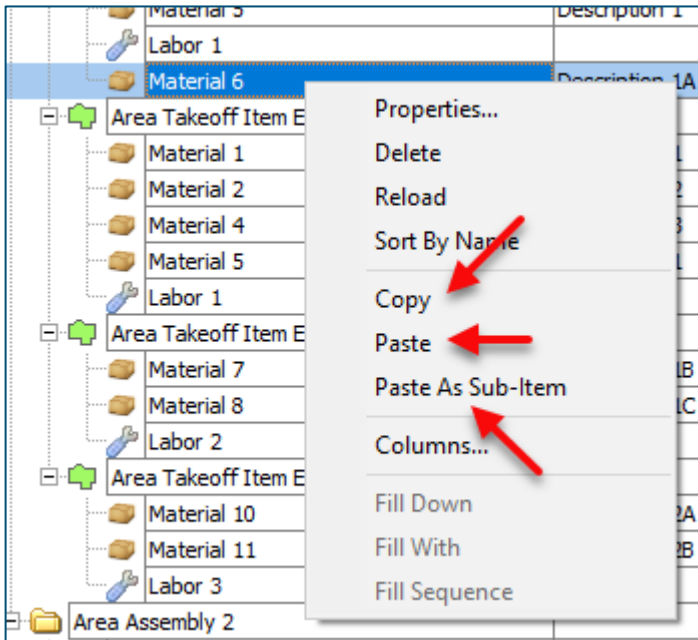


Figure 15

Double-clicking on **Material 6** allows you to change the name of the item and alter other properties of the item (Figure 16). To change the name of **Material 6**, double-click on the **Material 6** name, type the new name, and click on **Ok**.

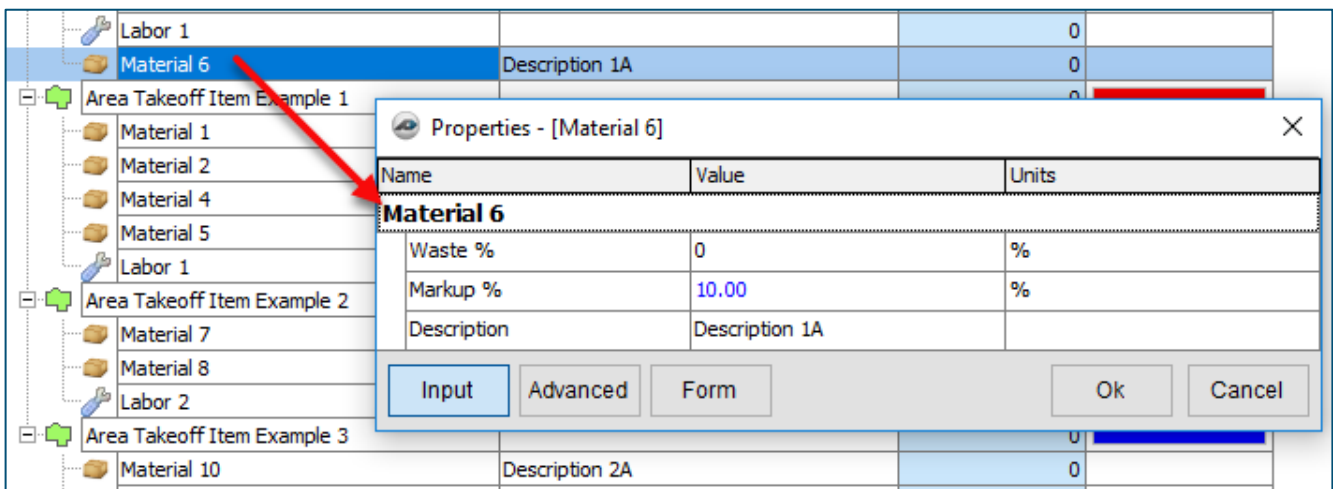
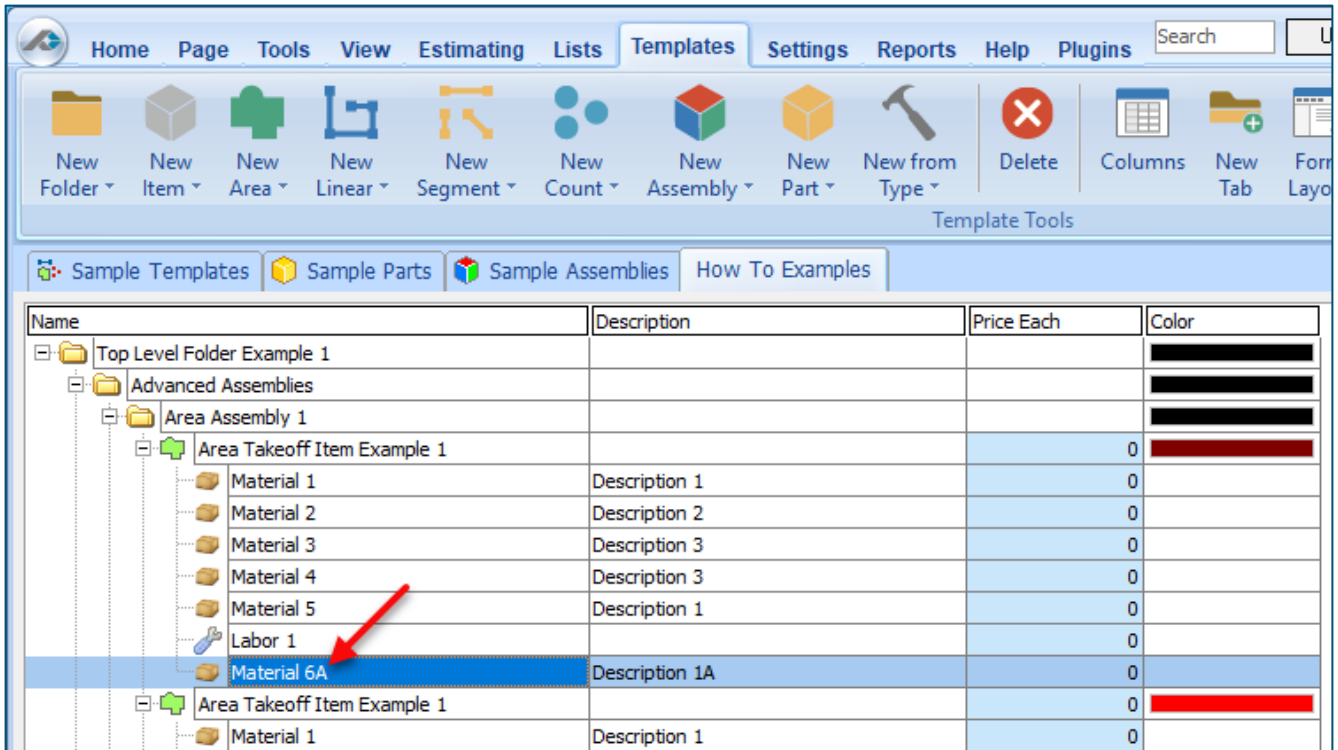


Figure 16



Figure 17 shows **Material 6** renamed to **Material 6A**.



The screenshot shows a software interface with a menu bar (Home, Page, Tools, View, Estimating, Lists, Templates, Settings, Reports, Help, Plugins) and a toolbar with various icons. Below the toolbar is a navigation pane with tabs for 'Sample Templates', 'Sample Parts', 'Sample Assemblies', and 'How To Examples'. The main area displays a table with the following columns: Name, Description, Price Each, and Color. The table contains a hierarchical tree structure of folders and items. A red arrow points to the row for 'Material 6A'.

Name	Description	Price Each	Color
Top Level Folder Example 1			
Advanced Assemblies			
Area Assembly 1			
Area Takeoff Item Example 1		0	
Material 1	Description 1	0	
Material 2	Description 2	0	
Material 3	Description 3	0	
Material 4	Description 3	0	
Material 5	Description 1	0	
Labor 1		0	
Material 6A	Description 1A	0	
Area Takeoff Item Example 1		0	
Material 1	Description 1	0	

**Figure 17**

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## How to: Drag and Drop Parts

Parts may be dragged and dropped from one assembly to another assembly. If, for instance, you want to drag the **Material 8** item from **Area Takeoff Item Example 2** up to **Area Takeoff Item Example 1**, click on **Material 8** and drag it up to just below **Material 6A** (see Figure 18) and release the mouse button.

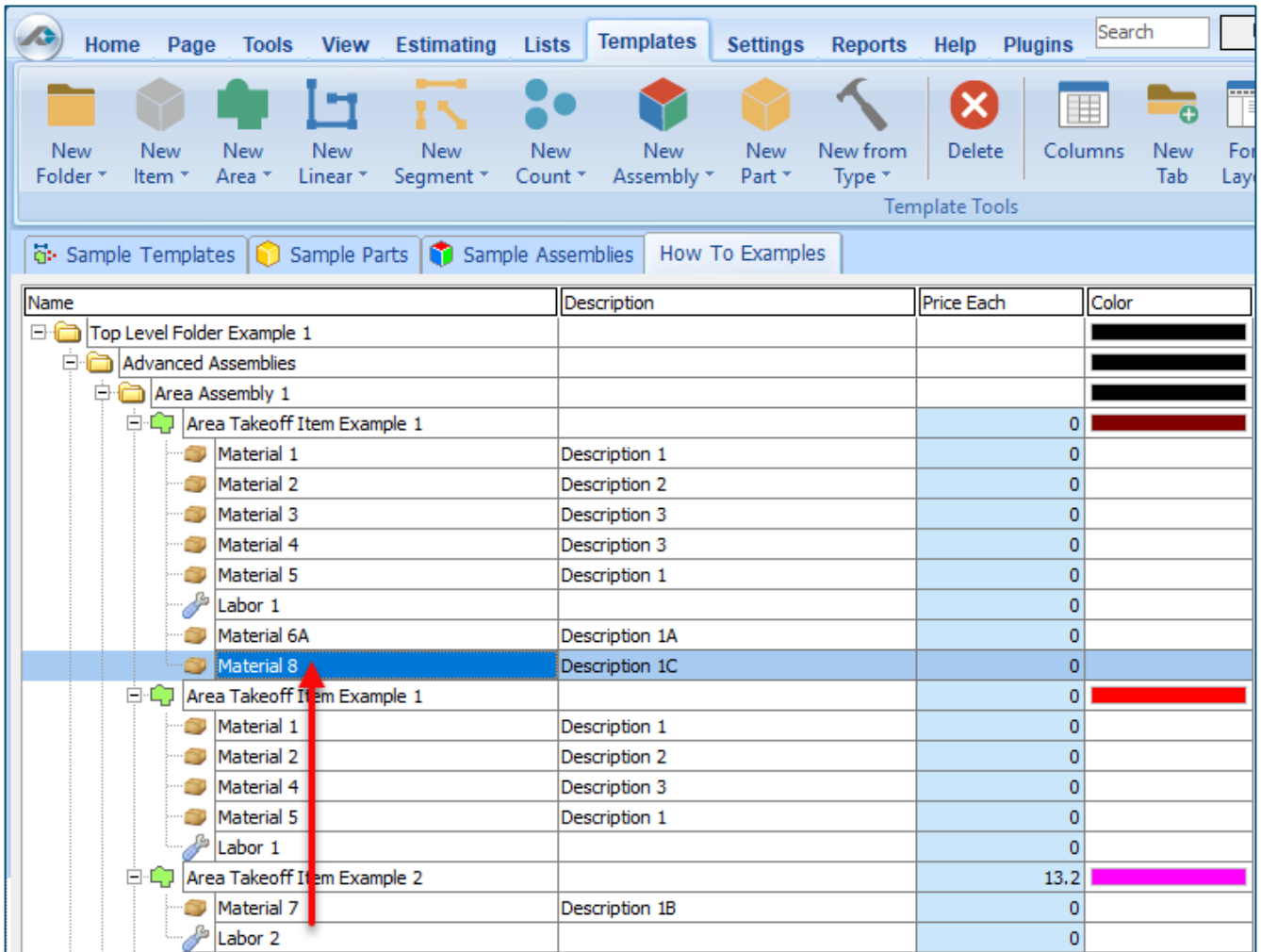


Figure 18

Notice that dragging the part this way *moves* the part from the **Example 2** assembly to the **Example 1** assembly, *not* leaving behind a copy.

The **Templates** sidebar window is a summarized view of everything in the Templates Tab. It is designed for easily dragging and dropping parts and for quickly launching takeoff templates and assemblies.

Parts may be dragged over from the **Templates** sidebar window into the **Templates Tab** window; note that dragging any part from the **Templates** sidebar window makes a copy of it. If, for instance, you want a **Material 7** item added to **Area Takeoff Item Example 1** as a sub-item, simply drag the **Material 7** from the right **Templates** sidebar window over on top of **Area Takeoff Item Example 1** label and release the mouse button. (Figure 19).

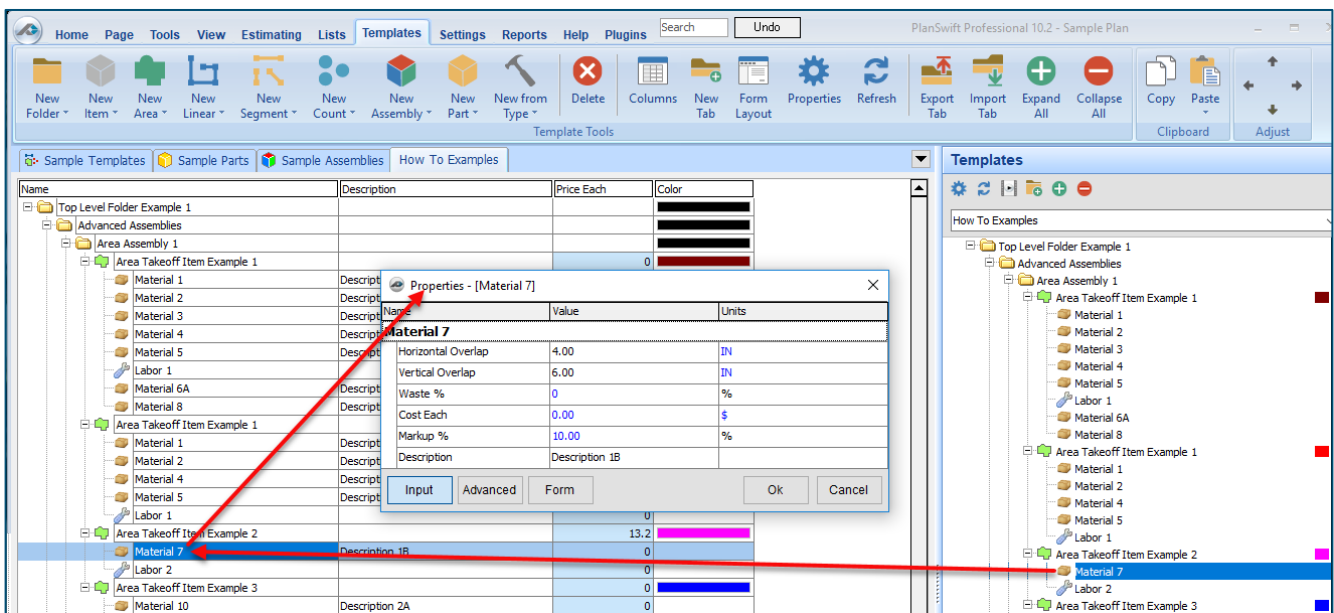


Figure 19

Figure 19 shows the **Material 7** item in place after it was dropped on top of **Area Takeoff Item Example 1**. In addition, the **Properties – [Material 7]** window automatically opens, allowing the user to change any properties for **Material 7**. Click on **Ok** to close the **Properties – [Material 7]** window.

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## Disclaimer

Any modifications that a user makes to a Starter Pack should always be tested and verified by that user to ensure quantities and calculations are accurate. PlanSwift cannot verify the accuracy of modifications made to templates, parts and assemblies by the user.

## FAQ

**Question:** I've read this user guide, and I still have questions. What do I do?

**Answer:** PlanSwift recommends that you purchase a training package. We highly recommend new users purchase a training package, because training is customized to each user. We offer [one-on-one training](#) and [classroom training](#). Contact [training@PlanSwift.com](mailto:training@PlanSwift.com) or at 1-888-752-6794 Ext. 4.

**Question:** Does the Starter Pack include everything a contractor will need to generate an estimate?

**Answer:** No. A Starter Pack is a tool to get you started toward creating a complete estimate. For example, the Starter Pack does not include industry pricing for materials and labor. However, you can supply prices for materials and labor on the assemblies and labor included in the Starter Pack.

**Question:** Do I have to input all the pricing for all my parts?

**Answer:** Inputting pricing is optional. You can use the Starter Pack to generate quantities that you can then send to your supplier, who can then provide you current pricing. Inputting pricing on your own is optional. If your industry's pricing is not subject to frequent changes, you may want to consider inputting your pricing in PlanSwift.

# Compendium

## Electrical Starter Pack Templates

### Electrical Assemblies

Name	Description	Icon	Type	Color
[-] A/V, Comm., Security		[Folder]	Folder	[Black]
[-] Basic Assemblies		[Folder]	Folder	[Black]
[-] CAT 5		[Segment]	Segment	[Magenta]
Material	CAT 5	[Material]	Material	
Labor	CAT 5	[Labor]	Labor	
[-] Telephone Outlet		[Count]	Count	[Blue]
Material	Telephone Outlet	[Material]	Material	
Labor	Telephone Outlet	[Labor]	Labor	
[-] Ethernet Outlet		[Count]	Count	[Yellow]
Material	Ethernet Outlet	[Material]	Material	
Labor	Ethernet Outlet	[Labor]	Labor	
[-] Doorbell		[Count]	Count	[Green]
Material	Doorbell	[Material]	Material	
Labor	Doorbell	[Labor]	Labor	
[-] Advanced Assemblies		[Folder]	Folder	[Black]
[-] Cable Panel		[CP]	Count	[Olive]
Cable Panel		[Material]	Material	
1 Gang 1" KO WP Box		[Material]	Material	
Toggle Switch Cover		[Material]	Material	
1-Gang Plaster Ring		[Material]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[Material]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[Material]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[Material]	Material	
1" EMT Set Screw Connector		[Material]	Material	
Labor	Cable Panel	[Labor]	Labor	
[-] Data Jack		[Data Jack]	Count	[Olive]
Data Jack		[Material]	Material	
1 Gang 1" KO WP Box		[Material]	Material	
Toggle Switch Cover		[Material]	Material	
1-Gang Plaster Ring		[Material]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[Material]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[Material]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[Material]	Material	
1" EMT Set Screw Connector		[Material]	Material	
Labor	Data Jack	[Labor]	Labor	
[-] Data Outlet		[Data Outlet]	Count	[Olive]
Data Outlet		[Material]	Material	
1 Gang 1" KO WP Box		[Material]	Material	
Toggle Switch Cover		[Material]	Material	
1-Gang Plaster Ring		[Material]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[Material]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[Material]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[Material]	Material	
1" EMT Set Screw Connector		[Material]	Material	
Labor	Data Outlet	[Labor]	Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
DA Door Alarm		DA	Count	
Door Alarm			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Door Alarm		Labor	
B Door Buzzer		B/	Count	
Door Buzzer			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Door Buzzer		Labor	
Door Chime #1			Count	
Door Chime #1			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Door Chime #1		Labor	
B Door Chime #2		B-	Count	
Door Chime #2			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Door Chime #2		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Doorbell			Count	
Doorbell			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Doorbell		Labor	
Electric Door Opener			Count	
Electric Door Opener			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Electric Door Opene		Labor	
Electric Door Strike			Count	
Electric Door Strike			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Electric Door Strike		Labor	
Equipment Cabinet			Count	
Equipment Cabinet			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Equipment Cabinet		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
MI Master Intercom and Directory Unit		MI	Count	
Master Intercom and Directory U			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Master Intercom an		Labor	
M Microphone Outlet - Floor Mounted		M	Count	
Microphone Outlet - Floor Mount			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Microphone Outlet -		Labor	
M Microphone Outlet - Wall Mounted		M	Count	
Microphone Outlet - Wall Moun			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Microphone Outlet -		Labor	
MD Motion Detector		MD	Count	
Motion Detector			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Motion Detector		Labor	



## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Panic Bar			Count	
Panic Bar			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Panic Bar		Labor	
Plywood Backboard			Count	
Plywood Backboard			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Plywood Backboard		Labor	
Push Button			Count	
Push Button			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Push Button		Labor	
Security Card Reader			Count	
Security Card Reader			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Security Card Reader		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] [CR] WP Security Card Reader - Weatherproc		[CR] WP	Count	
[-] [CR] WP Security Card Reader - Weatherproc		[CR] WP	Material	
[-] [CR] WP 1 Gang 1" KO WP Box		[CR] WP	Material	
[-] [CR] WP Toggle Switch Cover		[CR] WP	Material	
[-] [CR] WP 1-Gang Plaster Ring		[CR] WP	Material	
[-] [CR] WP 14/2g NM (Romex)	14/2g NM (Romex)	[CR] WP	Material	
[-] [CR] WP 1" EMT Conduit	1" EMT 10 FT/EA	[CR] WP	Material	
[-] [CR] WP 1" EMT Elbow 90 Degree	Elbow 90 Degree	[CR] WP	Material	
[-] [CR] WP 1" EMT Set Screw Connector		[CR] WP	Material	
[-] [CR] WP Labor	Security Card Reader	[CR] WP	Labor	
[-] [SC] Security Control Panel		[SC]	Count	
[-] [SC] Security Control Panel		[SC]	Material	
[-] [SC] 1 Gang 1" KO WP Box		[SC]	Material	
[-] [SC] Toggle Switch Cover		[SC]	Material	
[-] [SC] 1-Gang Plaster Ring		[SC]	Material	
[-] [SC] 14/2g NM (Romex)	14/2g NM (Romex)	[SC]	Material	
[-] [SC] 1" EMT Conduit	1" EMT 10 FT/EA	[SC]	Material	
[-] [SC] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[SC]	Material	
[-] [SC] 1" EMT Set Screw Connector		[SC]	Material	
[-] [SC] Labor	Security Control Panel	[SC]	Labor	
[-] [ML] Security Door Alarm and Magnetic Lock		[ML]	Count	
[-] [ML] Security Door Alarm and Magnetic Lock		[ML]	Material	
[-] [ML] 1 Gang 1" KO WP Box		[ML]	Material	
[-] [ML] Toggle Switch Cover		[ML]	Material	
[-] [ML] 1-Gang Plaster Ring		[ML]	Material	
[-] [ML] 14/2g NM (Romex)	14/2g NM (Romex)	[ML]	Material	
[-] [ML] 1" EMT Conduit	1" EMT 10 FT/EA	[ML]	Material	
[-] [ML] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[ML]	Material	
[-] [ML] 1" EMT Set Screw Connector		[ML]	Material	
[-] [ML] Labor	Security Door Alarm	[ML]	Labor	
[-] [DC] Security Door Contact		[DC]	Count	
[-] [DC] Security Door Contact		[DC]	Material	
[-] [DC] 1 Gang 1" KO WP Box		[DC]	Material	
[-] [DC] Toggle Switch Cover		[DC]	Material	
[-] [DC] 1-Gang Plaster Ring		[DC]	Material	
[-] [DC] 14/2g NM (Romex)	14/2g NM (Romex)	[DC]	Material	
[-] [DC] 1" EMT Conduit	1" EMT 10 FT/EA	[DC]	Material	
[-] [DC] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[DC]	Material	
[-] [DC] 1" EMT Set Screw Connector		[DC]	Material	
[-] [DC] Labor	Security Door Contact	[DC]	Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] ● Security Exit Push Button		●	Count	
[-] ● Security Exit Push Button		●	Material	
[-] ● 1 Gang 1" KO WP Box		●	Material	
[-] ● Toggle Switch Cover		●	Material	
[-] ● 1-Gang Plaster Ring		●	Material	
[-] ● 14/2g NM (Romex)	14/2g NM (Romex)	●	Material	
[-] ● 1" EMT Conduit	1" EMT 10 FT/EA	●	Material	
[-] ● 1" EMT Elbow 90 Degree	Elbow 90 Degree	●	Material	
[-] ● 1" EMT Set Screw Connector		●	Material	
[-] ● Labor	Security Exit Push B	●	Labor	
[-] K Security Keypad		K	Count	
[-] K Security Keypad		●	Material	
[-] K 1 Gang 1" KO WP Box		●	Material	
[-] K Toggle Switch Cover		●	Material	
[-] K 1-Gang Plaster Ring		●	Material	
[-] K 14/2g NM (Romex)	14/2g NM (Romex)	●	Material	
[-] K 1" EMT Conduit	1" EMT 10 FT/EA	●	Material	
[-] K 1" EMT Elbow 90 Degree	Elbow 90 Degree	●	Material	
[-] K 1" EMT Set Screw Connector		●	Material	
[-] K Labor	Security Keypad	●	Labor	
[-] SS Security System		SS	Count	
[-] SS Security System		●	Material	
[-] SS 1 Gang 1" KO WP Box		●	Material	
[-] SS Toggle Switch Cover		●	Material	
[-] SS 1-Gang Plaster Ring		●	Material	
[-] SS 14/2g NM (Romex)	14/2g NM (Romex)	●	Material	
[-] SS 1" EMT Conduit	1" EMT 10 FT/EA	●	Material	
[-] SS 1" EMT Elbow 90 Degree	Elbow 90 Degree	●	Material	
[-] SS 1" EMT Set Screw Connector		●	Material	
[-] SS Labor	Security System	●	Labor	
[-] S Speaker - Ceiling Mounted		S	Count	
[-] S Speaker - Ceiling Mounted		●	Material	
[-] S 1 Gang 1" KO WP Box		●	Material	
[-] S Toggle Switch Cover		●	Material	
[-] S 1-Gang Plaster Ring		●	Material	
[-] S 14/2g NM (Romex)	14/2g NM (Romex)	●	Material	
[-] S 1" EMT Conduit	1" EMT 10 FT/EA	●	Material	
[-] S 1" EMT Elbow 90 Degree	Elbow 90 Degree	●	Material	
[-] S 1" EMT Set Screw Connector		●	Material	
[-] S Labor	Speaker - Ceiling Mc	●	Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Speaker - Wall Mounted			Count	
Speaker - Wall Mounted			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Speaker - Wall Mour		Labor	
Speaker Horn			Count	
Speaker Horn			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Speaker Horn		Labor	
Telephone Jack			Count	
Telephone Jack			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Telephone Jack		Labor	
Television Jack			Count	
Television Jack			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Television Jack		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] UD Ultrasonic Detector		UD	Count	
Ultrasonic Detector			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Ultrasonic Detector		Labor	
[+] Cable, Conduit and Wire			Folder	
[-] Basic Assemblies			Folder	
[-] Conduit			Segment	
Material	Conduit		Material	
Labor	Conduit		Labor	
[-] Romex			Segment	
Material	Romex		Material	
Labor	Romex		Labor	
[-] Flex			Segment	
Material	Flex		Material	
Labor	Flex		Labor	
[-] Advanced Assemblies			Folder	
[-] 14/2g NM (Romex)			Segment	
14/2g NM (Romex)	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	14/2g NM (Romex)		Labor	
[-] 12/3g NM (Romex)			Segment	
12/3g NM (Romex)	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	12/3g NM (Romex)		Labor	
[-] 10/2g NM (Romex)			Segment	
10/2g NM (Romex)	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	10/2g NM (Romex)		Labor	
[-] 8/2g NM (Romex)			Segment	
8/2g NM (Romex)	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	8/2g NM (Romex) L		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
14/2g MC			Segment	
14/2g MC	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	14/2g MC Labor		Labor	
14/3g MC			Segment	
14/3g MC	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	14/3g MC Labor		Labor	
12/3g MC			Segment	
12/3g MC	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	12/3g MC Labor		Labor	
10/3g MC			Segment	
10/3g MC	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	10/3g MC Labor		Labor	
8-8-8-8 SER			Segment	
8-8-8-8 SER	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	8-8-8-8 SER Labor		Labor	
1/0-1/0-2 Triplex URD			Segment	
1/0-1/0-2 Triplex URD	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	1/0-1/0-2 Triplex UF		Labor	
4-4-4-4 Quad URD			Segment	
4-4-4-4 Quad URD	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	4-4-4-4 Quad URD L		Labor	
700 THHN			Segment	
700 THHN	FT/EA		Material	
1 IN EMT	1 IN EMT 10 FT/EA		Material	
1 IN EMT Coupling			Material	
Labor	700 THHN Labor		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Fire Alarm			Folder	
Basic Assemblies			Folder	
Smoke Detector			Count	
Material	Smoke Detector		Material	
Labor	Smoke Detector		Labor	
Buzzer and Strobe			Count	
Material	Buzzer and Strobe		Material	
Labor	Buzzer and Strobe		Labor	
Flame Detector			Count	
Material	Flame Detector		Material	
Labor	Flame Detector		Labor	
Door Holder			Count	
Material	Door Holder		Material	
Labor	Door Holder		Labor	
Manual Pull Stations			Count	
Material	Manual Pull Stations		Material	
Labor	Manual Pull Stations		Labor	
Advanced Assemblies			Folder	
Automatic Heat Detector			Count	
Automatic Heat Detector			Material	
1 Gang Gal. Stl Handy Box 1-1/2			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Automatic Heat Det		Labor	
Bell and Strobe			Count	
Bell and Strobe			Material	
1 Gang Gal. Stl Handy Box 1-1/2			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Bell and Strobe		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] DH Door Holder		[DH]	Count	
Door Holder		[DH]	Material	
1 Gang Gal. Std Handy Box 1-1/2		[DH]	Material	
Toggle Switch Cover		[DH]	Material	
1-Gang Plaster Ring		[DH]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[DH]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[DH]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[DH]	Material	
1" EMT Set Screw Connector		[DH]	Material	
Labor	Door Holder	[Wrench]	Labor	
[-] F Flame Detector		[F]	Count	
Flame Detector		[F]	Material	
1 Gang Gal. Std Handy Box 1-1/2		[F]	Material	
Toggle Switch Cover		[F]	Material	
1-Gang Plaster Ring		[F]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[F]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[F]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[F]	Material	
1" EMT Set Screw Connector		[F]	Material	
Labor	Flame Detector	[Wrench]	Labor	
[-] H <sub>2</sub> Hydrogen Detector		[H <sub>2</sub> ]	Count	
Hydrogen Detector		[H <sub>2</sub> ]	Material	
1 Gang Gal. Std Handy Box 1-1/2		[H <sub>2</sub> ]	Material	
Toggle Switch Cover		[H <sub>2</sub> ]	Material	
1-Gang Plaster Ring		[H <sub>2</sub> ]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[H <sub>2</sub> ]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[H <sub>2</sub> ]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[H <sub>2</sub> ]	Material	
1" EMT Set Screw Connector		[H <sub>2</sub> ]	Material	
Labor	Hydrogen Detector	[Wrench]	Labor	
[-] F Manual Pull Stations		[F]	Count	
Manual Pull Stations		[F]	Material	
1 Gang Gal. Std Handy Box 1-1/2		[F]	Material	
Toggle Switch Cover		[F]	Material	
1-Gang Plaster Ring		[F]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[F]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[F]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[F]	Material	
1" EMT Set Screw Connector		[F]	Material	
Labor	Manual Pull Stations	[Wrench]	Labor	



## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Smoke Detector			Count	
Smoke Detector			Material	
1 Gang Gal. Stl Handy Box 1-1/2			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Smoke Detector		Labor	
Lighting			Folder	
Basic Assemblies			Folder	
Cans			Count	
Material	Cans		Material	
Labor	Cans		Labor	
Hanging Light			Count	
Material	Hanging Light		Material	
Labor	Hanging Light		Labor	
Standard Dome Light			Count	
Material	Standard Dome Ligh		Material	
Labor	Standard Dome Ligh		Labor	
Fan w/ Light			Count	
Material	Fan w/ Light		Material	
Labor	Fan w/ Light		Labor	
Exterior Light			Count	
Material	Exterior Light		Material	
Labor	Exterior Light		Labor	
Soffit Light			Count	
Material	Soffit Light		Material	
Labor	Soffit Light		Labor	
Street Light			Count	
Material	Street Light		Material	
Labor	Street Light		Labor	
Vanity Light			Count	
Material	Vanity Light		Material	
Labor	Vanity Light		Labor	
Fluorescent Light			Count	
Material	Fluorescent Light		Material	
Labor	Fluorescent Light		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Advanced Assemblies			Folder	
1 x 4 Fluorescent			Count	
1 x 4 Fluorescent			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	1 x 4 Fluorescent		Labor	
2 x 4 Fluorescent			Count	
2 x 4 Fluorescent			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	2 x 4 Fluorescent		Labor	
Bollard Site Luminaire			Count	
Bollard Site Luminaire			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Bollard Site Luminair		Labor	
Exit Fixture #1			Count	
Exit Fixture #1			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Exit Fixture #1		Labor	









































## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Exit Fixture #2			Count	
Exit Fixture #2			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Exit Fixture #2		Labor	
Louvers			Count	
Louvers			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Louvers		Labor	
Recessed Fixture #1			Count	
Recessed Fixture #1			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Recessed Fixture #		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Motorized and HVAC			Folder	
Basic Assemblies			Folder	
AC Disconnect			Count	Yellow
Material	AC Disconnect		Material	
Labor	AC Disconnect		Labor	
Ceiling Exhaust Fan			Count	Green
Material	Ceiling Exhaust Fan		Material	
Labor	Ceiling Exhaust Fan		Labor	
Motor			Count	Red
Material	Motor		Material	
Labor	Motor		Labor	
Motor Starter Switch			Count	Teal
Material	Motor Starter Switch		Material	
Labor	Motor Starter Switch		Labor	
Low Voltage Thermostat			Count	Purple
Material	Low Voltage Thermostat		Material	
Labor	Low Voltage Thermostat		Labor	
Advanced Assemblies			Folder	
AC Disconnect			Count	Olive Green
Material	AC Disconnect		Material	
Material	1 Gang 1" KO WP Box		Material	
Material	Toggle Switch Cover		Material	
Material	1-Gang Plaster Ring		Material	
Material	14/2g NM (Romex)	14/2g NM (Romex)	Material	
Material	1" EMT Conduit	1" EMT 10 FT/EA	Material	
Material	1" EMT Elbow 90 Degree	Elbow 90 Degree	Material	
Material	1" EMT Set Screw Connector		Material	
Labor	AC Disconnect		Labor	
AT Automatic Temperature Control Panel			Count	Olive Green
Material	Automatic Temperature Control Panel		Material	
Material	1 Gang 1" KO WP Box		Material	
Material	Toggle Switch Cover		Material	
Material	1-Gang Plaster Ring		Material	
Material	14/2g NM (Romex)	14/2g NM (Romex)	Material	
Material	1" EMT Conduit	1" EMT 10 FT/EA	Material	
Material	1" EMT Elbow 90 Degree	Elbow 90 Degree	Material	
Material	1" EMT Set Screw Connector		Material	
Labor	Automatic Temperature Control Panel		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] Ceiling Exhaust Fan			Count	
Ceiling Exhaust Fan			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Ceiling Exhaust Fan		Labor	
[-] Ceiling Exhaust Fan Light			Count	
Ceiling Exhaust Fan Light			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Ceiling Exhaust Fan		Labor	
[-] CP Equipment Control Panel			Count	
Equipment Control Panel			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Equipment Control P		Labor	
[-] Forced Air Unit			Count	
Forced Air Unit			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Forced Air Unit		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Low Voltage Thermostat			Count	
Low Voltage Thermostat			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Low Voltage Thermc		Labor	
Motor			Count	
Motor			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Motor		Labor	
Motor Starter Switch			Count	
Motor Starter Switch			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Motor Starter Switcd		Labor	
Motorized Damper			Count	
Motorized Damper			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Motorized Damper		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
On/Off Push Button Station			Count	
On/Off Push Button Station			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	On/Off Push Button		Labor	
Relay			Count	
Relay			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Relay		Labor	
Solenoid Valve			Count	
Solenoid Valve			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Solenoid Valve		Labor	
Thermostat #1			Count	
Thermostat #1			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Thermostat #1		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Wall Fan			Count	
Wall Fan			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Wall Fan		Labor	
Water Heater			Count	
Water Heater			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Water Heater		Labor	
Power Distribution			Folder	
Basic Assemblies			Folder	
Electrical Panel			Count	
Material	Electrical Panel		Material	
Labor	Electrical Panel		Labor	
Distribution Panel			Count	
Material	Distribution Panel		Material	
Labor	Distribution Panel		Labor	
Meter			Count	
Material	Meter		Material	
Labor	Meter		Labor	
Generator			Count	
Material	Generator		Material	
Labor	Generator		Labor	



## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Advanced Assemblies			Folder	
Electrical Panel			Count	
Electrical Panel			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Electrical Panel		Labor	
Electrical Panel			Count	
Electrical Panel			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Electrical Panel		Labor	
Electrical Panel			Count	
Electrical Panel			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Electrical Panel		Labor	
Electrical Panel			Count	
Electrical Panel			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Electrical Panel		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] Electrical Panel			Count	
[-] Electrical Panel			Material	
[-] 1 Gang 1" KO WP Box			Material	
[-] Toggle Switch Cover			Material	
[-] 1-Gang Plaster Ring			Material	
[-] 14/2g NM (Romex)	14/2g NM (Romex)		Material	
[-] 1" EMT Conduit	1" EMT 10 FT/EA		Material	
[-] 1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
[-] 1" EMT Set Screw Connector			Material	
Labor	Electrical Panel		Labor	
[-] Electrical Panel			Count	
[-] Electrical Panel			Material	
[-] 1 Gang 1" KO WP Box			Material	
[-] Toggle Switch Cover			Material	
[-] 1-Gang Plaster Ring			Material	
[-] 14/2g NM (Romex)	14/2g NM (Romex)		Material	
[-] 1" EMT Conduit	1" EMT 10 FT/EA		Material	
[-] 1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
[-] 1" EMT Set Screw Connector			Material	
Labor	Electrical Panel		Labor	
[-] Electrical Panel			Count	
[-] Electrical Panel			Material	
[-] 1 Gang 1" KO WP Box			Material	
[-] Toggle Switch Cover			Material	
[-] 1-Gang Plaster Ring			Material	
[-] 14/2g NM (Romex)	14/2g NM (Romex)		Material	
[-] 1" EMT Conduit	1" EMT 10 FT/EA		Material	
[-] 1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
[-] 1" EMT Set Screw Connector			Material	
Labor	Electrical Panel		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Wiring Devices and Boxes			Folder	
Basic Assemblies			Folder	
Switch			Count	
Material	Switch		Material	
Labor	Switch		Labor	
Duplex Receptade			Count	
Material	Duplex Receptade		Material	
Labor	Duplex Receptade		Labor	
Dimmer Switch			Count	
Material	Dimmer Switch		Material	
Labor	Dimmer Switch		Labor	
GFI Duplex Receptade			Count	
Material	GFI Duplex Receptade		Material	
Labor	GFI Duplex Receptade		Labor	
3-Way Switch			Count	
Material	3-Way Switch		Material	
Labor	3-Way Switch		Labor	
Junction Box			Count	
Material	Junction Box		Material	
Labor	Junction Box		Labor	
4-Way Switch			Count	
Material	4-Way Switch		Material	
Labor	4-Way Switch		Labor	
Floor Receptade			Count	
Material	Floor Receptade		Material	
Labor	Floor Receptade		Labor	
3-Way Dimmer Switch			Count	
Material	3-Way Dimmer Switch		Material	
Labor	3-Way Dimmer Switch		Labor	
Circuit Breaker Switch			Count	
Material	Circuit Breaker Switch		Material	
Labor	Circuit Breaker Switch		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Advanced Assemblies			Folder	Black
Switches			Folder	Black
3-Way Dimmer Switch			Count	Green
3-Way Dimmer Switch			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	3-Way Dimmer Swit		Labor	
4-Way Switch			Count	Green
4-Way Switch			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	4-Way Switch		Labor	
3-Way Switch			Count	Green
3-Way Switch			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	3-Way Switch		Labor	
Dimmer Switch #1			Count	Green
Dimmer Switch #1			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Dimmer Switch #1		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] [D] Dimmer Switch #2		[D]	Count	
Dimmer Switch #2		[D]	Material	
1 Gang 1" KO WP Box		[D]	Material	
Toggle Switch Cover		[D]	Material	
1-Gang Plaster Ring		[D]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[D]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[D]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[D]	Material	
1" EMT Set Screw Connector		[D]	Material	
Labor	Dimmer Switch #2	[D]	Labor	
[-] \$CB Circuit Breaker Switch		\$CB	Count	
Circuit Breaker Switch		[D]	Material	
1 Gang 1" KO WP Box		[D]	Material	
Toggle Switch Cover		[D]	Material	
1-Gang Plaster Ring		[D]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[D]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[D]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[D]	Material	
1" EMT Set Screw Connector		[D]	Material	
Labor	Circuit Breaker Swit	[D]	Labor	
[-] \$ Single Pole Switch		\$	Count	
Single Pole Switch		[D]	Material	
1 Gang 1" KO WP Box		[D]	Material	
Toggle Switch Cover		[D]	Material	
1-Gang Plaster Ring		[D]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[D]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[D]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[D]	Material	
1" EMT Set Screw Connector		[D]	Material	
Labor	Single Pole Switch	[D]	Labor	
[-] \$2 Double Pole Switch		\$2	Count	
Double Pole Switch		[D]	Material	
1 Gang 1" KO WP Box		[D]	Material	
Toggle Switch Cover		[D]	Material	
1-Gang Plaster Ring		[D]	Material	
14/2g NM (Romex)	14/2g NM (Romex)	[D]	Material	
1" EMT Conduit	1" EMT 10 FT/EA	[D]	Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree	[D]	Material	
1" EMT Set Screw Connector		[D]	Material	
Labor	Double Pole Switch	[D]	Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Weather Proof Switch			Count	
Weather Proof Switch			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Weather Proof Swit		Labor	
Receptades			Folder	
220V Receptade			Count	
220V Receptade			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	220V Receptade		Labor	
Arc Fault Duplex Receptade			Count	
Arc Fault Duplex Receptade			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Arc Fault Duplex Re		Labor	
Blanked Outlet			Count	
Blanked Outlet			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Blanked Outlet		Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
⊖ ⊕ C Clock Hanger		⊖ ⊕ C	Count	
⊕ Clock Hanger		⊕	Material	
⊕ 1 Gang 1" KO WP Box		⊕	Material	
⊕ Toggle Switch Cover		⊕	Material	
⊕ 1-Gang Plaster Ring		⊕	Material	
⊕ 14/2g NM (Romex)	14/2g NM (Romex)	⊕	Material	
⊕ 1" EMT Conduit	1" EMT 10 FT/EA	⊕	Material	
⊕ 1" EMT Elbow 90 Degree	Elbow 90 Degree	⊕	Material	
⊕ 1" EMT Set Screw Connector		⊕	Material	
⊕ ⚙ Labor	Clock Hanger	⊕ ⚙	Labor	
⊖ ⊕ ⚡ Duplex Receptade		⊖ ⊕ ⚡	Count	
⊕ Duplex Receptade		⊕	Material	
⊕ 1 Gang 1" KO WP Box		⊕	Material	
⊕ Toggle Switch Cover		⊕	Material	
⊕ 1-Gang Plaster Ring		⊕	Material	
⊕ 14/2g NM (Romex)	14/2g NM (Romex)	⊕	Material	
⊕ 1" EMT Conduit	1" EMT 10 FT/EA	⊕	Material	
⊕ 1" EMT Elbow 90 Degree	Elbow 90 Degree	⊕	Material	
⊕ 1" EMT Set Screw Connector		⊕	Material	
⊕ ⚙ Labor	Duplex Receptade	⊕ ⚙	Labor	
⊖ ⊕ F Fan Hanger Receptade		⊖ ⊕ F	Count	
⊕ Fan Hanger Receptade		⊕	Material	
⊕ 1 Gang 1" KO WP Box		⊕	Material	
⊕ Toggle Switch Cover		⊕	Material	
⊕ 1-Gang Plaster Ring		⊕	Material	
⊕ 14/2g NM (Romex)	14/2g NM (Romex)	⊕	Material	
⊕ 1" EMT Conduit	1" EMT 10 FT/EA	⊕	Material	
⊕ 1" EMT Elbow 90 Degree	Elbow 90 Degree	⊕	Material	
⊕ 1" EMT Set Screw Connector		⊕	Material	
⊕ ⚙ Labor	Fan Hanger Receptade	⊕ ⚙	Labor	
⊖ ⊕ F Floor Box - Flush With Both Powe		⊖ ⊕ F	Count	
⊕ Floor Box - Flush With Both F		⊕	Material	
⊕ 1 Gang 1" KO WP Box		⊕	Material	
⊕ Toggle Switch Cover		⊕	Material	
⊕ 1-Gang Plaster Ring		⊕	Material	
⊕ 14/2g NM (Romex)	14/2g NM (Romex)	⊕	Material	
⊕ 1" EMT Conduit	1" EMT 10 FT/EA	⊕	Material	
⊕ 1" EMT Elbow 90 Degree	Elbow 90 Degree	⊕	Material	
⊕ 1" EMT Set Screw Connector		⊕	Material	
⊕ ⚙ Labor	Floor Box - Flush Wi	⊕ ⚙	Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] [F] Floor Duplex Receptacle - Flush I		[F]	Count	
[-] [F] Floor Duplex Receptacle - Fl		[F]	Material	
[-] [F] 1 Gang 1" KO WP Box		[F]	Material	
[-] [F] Toggle Switch Cover		[F]	Material	
[-] [F] 1-Gang Plaster Ring		[F]	Material	
[-] [F] 14/2g NM (Romex)	14/2g NM (Romex)	[F]	Material	
[-] [F] 1" EMT Conduit	1" EMT 10 FT/EA	[F]	Material	
[-] [F] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[F]	Material	
[-] [F] 1" EMT Set Screw Connector		[F]	Material	
[-] [F] Labor	Floor Duplex Recept	[F]	Labor	
[-] [R] Floor Receptacle		[R]	Count	
[-] [R] Floor Receptacle		[R]	Material	
[-] [R] 1 Gang 1" KO WP Box		[R]	Material	
[-] [R] Toggle Switch Cover		[R]	Material	
[-] [R] 1-Gang Plaster Ring		[R]	Material	
[-] [R] 14/2g NM (Romex)	14/2g NM (Romex)	[R]	Material	
[-] [R] 1" EMT Conduit	1" EMT 10 FT/EA	[R]	Material	
[-] [R] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[R]	Material	
[-] [R] 1" EMT Set Screw Connector		[R]	Material	
[-] [R] Labor	Floor Receptacle	[R]	Labor	
[-] [GFI] GFI Duplex Receptacle		[GFI]	Count	
[-] [GFI] GFI Duplex Receptacle		[GFI]	Material	
[-] [GFI] 1 Gang 1" KO WP Box		[GFI]	Material	
[-] [GFI] Toggle Switch Cover		[GFI]	Material	
[-] [GFI] 1-Gang Plaster Ring		[GFI]	Material	
[-] [GFI] 14/2g NM (Romex)	14/2g NM (Romex)	[GFI]	Material	
[-] [GFI] 1" EMT Conduit	1" EMT 10 FT/EA	[GFI]	Material	
[-] [GFI] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[GFI]	Material	
[-] [GFI] 1" EMT Set Screw Connector		[GFI]	Material	
[-] [GFI] Labor	GFI Duplex Recepta	[GFI]	Labor	
[-] [HS] Half Switched Duplex Receptacle		[HS]	Count	
[-] [HS] Half Switched Duplex Recept		[HS]	Material	
[-] [HS] 1 Gang 1" KO WP Box		[HS]	Material	
[-] [HS] Toggle Switch Cover		[HS]	Material	
[-] [HS] 1-Gang Plaster Ring		[HS]	Material	
[-] [HS] 14/2g NM (Romex)	14/2g NM (Romex)	[HS]	Material	
[-] [HS] 1" EMT Conduit	1" EMT 10 FT/EA	[HS]	Material	
[-] [HS] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[HS]	Material	
[-] [HS] 1" EMT Set Screw Connector		[HS]	Material	
[-] [HS] Labor	Half Switched Duple	[HS]	Labor	



## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
[-] [⚡] Hidden Duplex Receptacle		[⚡]	Count	
[-] [🔌] Hidden Duplex Receptacle		[🔌]	Material	
[-] [🔌] 1 Gang 1" KO WP Box		[🔌]	Material	
[-] [🔌] Toggle Switch Cover		[🔌]	Material	
[-] [🔌] 1-Gang Plaster Ring		[🔌]	Material	
[-] [🔌] 14/2g NM (Romex)	14/2g NM (Romex)	[🔌]	Material	
[-] [🔌] 1" EMT Conduit	1" EMT 10 FT/EA	[🔌]	Material	
[-] [🔌] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[🔌]	Material	
[-] [🔌] 1" EMT Set Screw Connector		[🔌]	Material	
[-] [🔧] Labor	Hidden Duplex Rece	[🔧]	Labor	
[-] [Ⓜ] Junction Box		[Ⓜ]	Count	
[-] [🔌] Junction Box		[🔌]	Material	
[-] [🔌] 1 Gang 1" KO WP Box		[🔌]	Material	
[-] [🔌] Toggle Switch Cover		[🔌]	Material	
[-] [🔌] 1-Gang Plaster Ring		[🔌]	Material	
[-] [🔌] 14/2g NM (Romex)	14/2g NM (Romex)	[🔌]	Material	
[-] [🔌] 1" EMT Conduit	1" EMT 10 FT/EA	[🔌]	Material	
[-] [🔌] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[🔌]	Material	
[-] [🔌] 1" EMT Set Screw Connector		[🔌]	Material	
[-] [🔧] Labor	Junction Box	[🔧]	Labor	
[-] [Ⓜ] Multi Outlet Assembly		[Ⓜ]	Count	
[-] [🔌] Multi Outlet Assembly		[🔌]	Material	
[-] [🔌] 1 Gang 1" KO WP Box		[🔌]	Material	
[-] [🔌] Toggle Switch Cover		[🔌]	Material	
[-] [🔌] 1-Gang Plaster Ring		[🔌]	Material	
[-] [🔌] 14/2g NM (Romex)	14/2g NM (Romex)	[🔌]	Material	
[-] [🔌] 1" EMT Conduit	1" EMT 10 FT/EA	[🔌]	Material	
[-] [🔌] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[🔌]	Material	
[-] [🔌] 1" EMT Set Screw Connector		[🔌]	Material	
[-] [🔧] Labor	Multi Outlet Assemb	[🔧]	Labor	
[-] [Ⓜ] Outlet Controlled by Low Voltage		[Ⓜ]	Count	
[-] [🔌] Outlet Controlled by Low Vol		[🔌]	Material	
[-] [🔌] 1 Gang 1" KO WP Box		[🔌]	Material	
[-] [🔌] Toggle Switch Cover		[🔌]	Material	
[-] [🔌] 1-Gang Plaster Ring		[🔌]	Material	
[-] [🔌] 14/2g NM (Romex)	14/2g NM (Romex)	[🔌]	Material	
[-] [🔌] 1" EMT Conduit	1" EMT 10 FT/EA	[🔌]	Material	
[-] [🔌] 1" EMT Elbow 90 Degree	Elbow 90 Degree	[🔌]	Material	
[-] [🔌] 1" EMT Set Screw Connector		[🔌]	Material	
[-] [🔧] Labor	Outlet Controlled by	[🔧]	Labor	

## Electrical Assemblies -- Continued

Name	Description	Icon	Type	Color
Quad Duplex Receptade			Count	
Quad Duplex Receptade			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Quad Duplex Recep		Labor	
Special Receptade			Count	
Special Receptade			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Special Receptade		Labor	
Weather Proof GFI Duplex Rece			Count	
Weather Proof GFI Duplex R			Material	
1 Gang 1" KO WP Box			Material	
Toggle Switch Cover			Material	
1-Gang Plaster Ring			Material	
14/2g NM (Romex)	14/2g NM (Romex)		Material	
1" EMT Conduit	1" EMT 10 FT/EA		Material	
1" EMT Elbow 90 Degree	Elbow 90 Degree		Material	
1" EMT Set Screw Connector			Material	
Labor	Weather Proof GFI		Labor	

## Electrical Parts

Name	Type	Color
[-] A/V, Comm., Security	Folder	
[-] Cable Panel	Material	
[-] Data Jack	Material	
[-] Data Outlet	Material	
[-] Door Alarm	Material	
[-] Door Buzzer	Material	
[-] Door Buzzer	Material	
[-] Doorbell	Material	
[-] Door Buzzer	Material	
[-] Electric Door Opener	Material	
[-] Labor Cost/Unit	Labor	
[-] Labor Cost/Hour	Labor	
[-] Cable, Conduit and Wire	Folder	
[-] Couplings	Folder	
[-] 3/4" EMT Coupling	Material	
[-] 1" EMT Coupling	Material	
[-] 3/4" PVC Coupling	Material	
[-] 1" PVC Coupling	Material	
[-] Labor/Unit	Labor	
[-] Labor-Hours	Labor	
[-] Connectors	Folder	
[-] 1" 90 Degree Carflex Connector	Material	
[-] 1" EMT Compression Connector	Material	
[-] 1" Rigid Compression Connector	Material	
[-] 1/2" EMT Compression Connector	Material	
[-] 1" Straight Carflex Connector	Material	
[-] 1-1/2" 90 Degree Carflex Connector	Material	
[-] 1-1/4" 90 Degree Carflex Connector	Material	
[-] Labor Cost/Unit	Labor	
[-] Labor Cost/Hour	Labor	
[-] Conduit	Folder	
[-] 1/2" EMT	Material	
[-] 3/4" EMT	Material	
[-] 1" EMT	Material	
[-] 1/2" PVC	Material	
[-] 3/4" PVC	Material	
[-] 1" PVC	Material	
[-] 1/2" Rigid	Material	
[-] 3/4" Rigid	Material	
[-] 1" Rigid	Material	
[-] Labor/Unit	Labor	
[-] Labor-Hours	Labor	

## Electrical Parts – Continued

Name	Type	Color
[-] Wire (Cost per Unit)	Folder	██████████
14/2g NM (Romex)	Material	
14/2g MC	Material	
1/0-1/0-1/0-2 SER	Material	
12/2g UF	Material	
6-6-6-6 SER	Material	
#18 THHN	Material	
10 Cond. VNTC 14 AWG	Material	
Labor/Unit	Labor	
Labor-Hours	Labor	
[-] Wire (Cost per Foot)	Folder	██████████
14/2g NM (Romex)	Material	
12/3g NM (Romex)	Material	
14/2g MC	Material	
8-8-8-8 SER	Material	
#12 THHN	Material	
4/0 THHN	Material	
Labor/Unit	Labor	
Labor-Hours	Labor	
[-] Fire Alarm	Folder	██████████
Automatic Heat Detector	Material	
Chime and Strobe	Material	
Carbon Monoxide Detector	Material	
Door Holder	Material	
Flame Detector	Material	
Manual Pull Stations	Material	
Self Contained Smoke Detector	Material	
Smoke Detector	Material	
Labor Cost/Unit	Labor	
Labor Cost/Hour	Labor	
[-] Lighting	Folder	██████████
1 x 4 Fluorescent	Material	
2 x 4 Fluorescent	Material	
Bollard Site Luminaire	Material	
Exit Fixture #1	Material	
Exit Fixture #2	Material	
Fluorescent Strip	Material	
Louvers	Material	
Labor Cost/Unit	Labor	
Labor Cost/Hour	Labor	








































































































































## Electrical Parts – Continued

Name	Type	Color
Motorized and HVAC	Folder	
AC Disconnect	Material	
Automatic Temperature Control Panel	Material	
Ceiling Exhaust Fan	Material	
Ceiling Exhaust Fan Light	Material	
Equipment Control Panel	Material	
Forced Air Unit	Material	
Low Voltage Thermostat	Material	
Motor	Material	
Motor Starter Switch	Material	
On/Off Push Button Station	Material	
Paddle Fan	Material	
Pressure Switch	Material	
Push Button	Material	
Relay	Material	
Thermostat #1	Material	
Labor Cost/Unit	Labor	
Labor Cost/Hour	Labor	
Power Distribution	Folder	
Labor Cost/Unit	Labor	
Current Transformer Cabinet	Material	
Labor Cost/Hour	Labor	
Distribution Panel	Material	
Distribution Panel on Normal Feeder	Material	
Dry Type Transformer	Material	
Electrical Panel	Material	
Generator	Material	
Meter	Material	
Meter and Socket	Material	
Wiring Devices and Boxes	Folder	
220V Receptade	Material	
Arc Fault Duplex Receptade	Material	
Duplex Receptade	Material	
Floor Receptade	Material	
GFI Duplex Receptade	Material	
Junction Box	Material	
Quad Duplex Receptade	Material	
Weather Proof GFI Duplex Receptade	Material	
1-Gang Plaster Ring	Material	
2-Gang Plaster Ring	Material	
3-Gang Plaster Ring	Material	
2 Gang Gal. Stl Sqr Box 1-1/2"x4"x4" 21.0 cu. in.	Material	
2 Gang Gal. Stl Sqr Box 2-1/8"x4"x4" 30.3 cu. in.	Material	
Labor Cost/Unit	Labor	
Labor Cost/Hour	Labor	


































































































































## Electrical Symbols

Name	Symbol Icon	Color
1 x 4 Fluorescent		Black
2 x 4 Fluorescent		Black
3-Way Dimmer Switch		Black
3-Way Switch		Black
4-Way Switch		Black
220V Receptade		Black
AC Disconnect		Black
Arc Fault Duplex Receptade		Black
Automatic Heat Detector		Black
Automatic Temperature Control Panel		Black
Bell and Strobe		Black
Blanked Outlet		Black
Bollard Site Luminaire		Black
Buzzer and Strobe		Black
Cable Panel		Black
Carbon Monoxide Detector		Black
Ceiling Exhaust Fan		Black
Ceiling Exhaust Fan Light		Black
Chime and Strobe		Black
Circuit Breaker Switch		Black
Clock Hanger		Black
Control Relay		Black
Current Transformer Cabinet		Black
Data Jack		Black
Data Outlet		Black
Dimmer Switch #1		Black
Dimmer Switch #2		Black
Distribution Panel		Black
Distribution Panel on Normal Feeder		Black
Door Alarm		Black
Door Buzzer		Black
Door Chime #1		Black
Door Chime #2		Black
Door Holder		Black
Doorbell		Black
Double Pole Switch		Black
Dry Type Transformer		Black
Duct Smoke Detector		Black
Duplex Receptade		Black
Electric Door Opener		Black
Electric Door Strike		Black
Electrical Panel		Black
Elevator Recall		Black
End of Line Resistor		Black
Equipment Cabinet		Black

## Electrical Symbols – Continued






















Name	Symbol Icon	Color
 Equipment Control Panel		
 Exit Fixture #1		
 Exit Fixture #2		
 Fan Hanger Receptacle		
 Flame Detector		
 Floor Box - Flush With Both Power and Data		
 Floor Duplex Receptacle - Flush Mounted		
 Floor Receptacle		
 Fluorescent Strip		
 Forced Air Unit		
 Generator		
 GFI Duplex Receptacle		
 Half Switched Duplex Receptacle		
 Hidden Duplex Receptacle		
 Horn Unit Only		
 Horn With Strobe		
 Hydrogen Detector		
 Junction Box		
 Louvers		
 Low Voltage Thermostat		
 Manual Pull Stations		
 Master Intercom and Directory Unit		
 Meter		
 Meter and Socket		
 Microphone Outlet - Floor Mounted		
 Microphone Outlet - Wall Mounted		
 Motion Detector		
 Motor		
 Motor Starter Switch		
 Motorized Damper		
 Multi Outlet Assembly		
 On/Off Push Button Station		
 Outdoor Wallpack		
 Outlet Controlled by Low Voltage Switch		
 Paddle Fan		
 Panic Bar		
 Photo Cell Light		
 Plywood Backboard		
 Post Indicator Valve		
 Pressure Switch		
 Push Button		
 Push Button		
 Quad Duplex Receptacle		
 Recessed Emergency Fixture		
 Recessed Fixture #1		

## Electrical Symbols – Continued

Name	Symbol Icon	Color
 Recessed Fixture #2		
 Recessed Fluorescent		
 Recessed Incandescent		
 Relay		
 Security Card Reader		
 Security Card Reader - Weatherproof		
 Security Control Panel		
 Security Door Alarm and Magnetic Lock		
 Security Door Contact		
 Security Exit Push Button		
 Security Keypad		
 Security System		
 Self Contained Smoke Detector		
 Single Pole Switch		
 Smoke Detector		
 Solenoid Valve		
 Speaker - Ceiling Mounted		
 Speaker - Wall Mounted		
 Speaker and Strobe		
 Speaker Horn		
 Special Receptacle		
 Spotlight - Double Head		
 Spotlight - Single Head		
 Strobe Unit Only		
 Surface Mounted Fixture #1		
 Surface Mounted Fixture #2		
 Surface Mounted Fluorescent		
 Suspended Fixture #1		
 Suspended Fixture #2		
 Suspended Incandescent		
 Telephone Jack		
 Telephone Panel		
 Telephone/Data Outlet		
 Television Jack		
 Thermostat #1		
 Thermostat #2		
 Three Function Push Button Switch		
 Toggle Disconnect Switch		
 Track Light		
 Track Light #2		
 Ultrasonic Detector		
 Volume Control		
 Wall Fan		
Wall Mounted Exterior Light		
Wall Mounted Fixture #1		



## Electrical Symbols – Continued

Name	Symbol Icon	Color
 Wall Mounted Fixture #2		
 Wall Mounted Fixture #3		
 Wall Mounted Fluorescent		
 Water Flow Switch		
 Water Heater		
 Weather Proof GFI Duplex Receptade		
 Weather Proof Switch		



# Conduit

**Lists**
Parse Formula

- PlanSwift
- Building Materials List
- Electrical
  - Boxes
  - Conduit
  - Connectors
  - Covers
  - Fire Alarm
  - Lighting
  - A/V and Communication
  - Motorized and HVAC
  - Plaster Rings
  - Power Distribution
  - Receptacles
  - Switches
  - Wire
  - Complete Symbol List
  - Conduit Fittings

- [.]
- 1/2" EMT
- 3/4" EMT
- 1" EMT
- 1-1/4" EMT
- 1-1/2" EMT
- 2" EMT
- 2-1/2" EMT
- 3" EMT
- 4" EMT
- 1/2" PVC
- 3/4" PVC
- 1" PVC
- 1-1/4" PVC
- 1-1/2" PVC
- 2" PVC
- 2-1/2" PVC
- 3" PVC
- 4" PVC
- 1/2" Rigid
- 3/4" Rigid
- 1" Rigid
- 1-1/4" Rigid
- 1-1/2" Rigid
- 2" Rigid
- 2-1/2" Rigid
- 3" Rigid
- 4" Rigid
- 1/2" IMC
- 3/4" IMC
- 1" IMC
- 1-1/4" IMC
- 1-1/2" IMC
- 2-1/2" IMC
- 2" IMC
- 4" IMC
- 3" IMC
- 1/2" Carflex
- 3/4" Carflex
- 1" Carflex
- 1-1/4" Carflex
- 1-1/2" Carflex
- 2-1/2" Carflex
- 2" Carflex
- 4" Carflex
- 3" Carflex
- 1/2" ENT (Smurf)
- 1/2" EMT 1 Hole Strap
- 3/4" ENT (Smurf)
- 1" ENT (Smurf)
- 1-1/4" ENT (Smurf)
- 1-1/2" ENT (Smurf)
- 2-1/2" ENT (Smurf)
- 2" ENT (Smurf)
- 4" ENT (Smurf)
- 3" ENT (Smurf)
- 1/2" Flex
- 3/4" Flex
- 1" Flex
- 1-1/4" Flex
- 1-1/2" Flex
- 2-1/2" Flex
- 2" Flex
- 4" Flex
- 3" Flex

59

## Connectors

**Lists** <<

Search:

- PlanSwift
- Building Materials List
- Electrical
  - Boxes
  - Conduit
  - Connectors
  - Covers
  - Fire Alarm
  - Lighting
  - A/V and Communication
  - Motorized and HVAC
  - Plaster Rings
  - Power Distribution
  - Receptacles
  - Switches
  - Wire
  - Complete Symbol List
  - Conduit Fittings

Parse Formula

[.]

- 1" 90 Degree Carflex Connector
- 1" EMT Compression Connector
- 1" EMT Set Screw Connector
- 1" Flex 90 Degree Connector
- 1" Flex Straight Connector
- 1" IMC Compression Connector
- 1" IMC Set Screw Connector
- 1" Rigid Compression Connector
- 1" Rigid Set Screw Connector
- 1" Straight Carflex Connector
- 1/2" 90 Degree Carflex Connector
- 1/2" EMT Compression Connector
- 1/2" EMT Set Screw Connector
- 1/2" Flex 90 Degree Connector
- 1/2" Flex Straight Connector
- 1/2" IMC Compression Connector
- 1/2" IMC Set Screw Connector
- 1/2" Rigid Compression Connector
- 1/2" Rigid Set Screw Connector
- 1/2" Straight Carflex Connector
- 1-1/2" 90 Degree Carflex Connector
- 1-1/2" EMT Compression Connector
- 1-1/2" EMT Set Screw Connector
- 1-1/2" Flex 90 Degree Connector
- 1-1/2" Flex Straight Connector
- 1-1/2" IMC Compression Connector
- 1-1/2" IMC Set Screw Connector
- 1-1/2" Rigid Compression Connector
- 1-1/2" Rigid Set Screw Connector
- 1-1/2" Straight Carflex Connector
- 1-1/4" 90 Degree Carflex Connector
- 1-1/4" EMT Compression Connector
- 1-1/4" EMT Set Screw Connector
- 1-1/4" Flex 90 Degree Connector
- 1-1/4" Flex Straight Connector
- 1-1/4" IMC Compression Connector
- 1-1/4" IMC Set Screw Connector
- 1-1/4" Rigid Compression Connector
- 1-1/4" Rigid Set Screw Connector
- 1-1/4" Straight Carflex Connector
- 2" 90 Degree Carflex Connector
- 2" EMT Compression Connector
- 2" EMT Set Screw Connector
- 2" Flex 90 Degree Connector
- 2" Flex Straight Connector
- 2" IMC Compression Connector
- 2" IMC Set Screw Connector
- 2" Rigid Compression Connector
- 2" Rigid Set Screw Connector
- 2" Straight Carflex Connector
- 2-1/2" 90 Degree Carflex Connector
- 2-1/2" EMT Compression Connector
- 2-1/2" EMT Set Screw Connector
- 2-1/2" Flex 90 Degree Connector
- 2-1/2" Flex Straight Connector
- 2-1/2" IMC Compression Connector
- 2-1/2" IMC Set Screw Connector
- 2-1/2" Rigid Compression Connector
- 2-1/2" Rigid Set Screw Connector
- 2-1/2" Straight Carflex Connector
- 3" 90 Degree Carflex Connector
- 3" EMT Compression Connector
- 3" EMT Set Screw Connector
- 3" Flex 90 Degree Connector
- 3" Flex Straight Connector
- 3" IMC Compression Connector
- 3" IMC Set Screw Connector
- 3" Rigid Compression Connector
- 3" Rigid Set Screw Connector
- 3" Straight Carflex Connector
- 3/4" 90 Degree Carflex Connector
- 3/4" EMT Compression Connector
- 3/4" EMT Set Screw Connector
- 3/4" Flex 90 Degree Connector
- 3/4" Flex Straight Connector
- 3/4" IMC Compression Connector
- 3/4" IMC Set Screw Connector
- 3/4" Rigid Compression Connector
- 3/4" Rigid Set Screw Connector
- 3/4" Straight Carflex Connector
- 4" 90 Degree Carflex Connector
- 4" EMT Compression Connector
- 4" EMT Set Screw Connector
- 4" Flex 90 Degree Connector
- 4" Flex Straight Connector
- 4" IMC Compression Connector
- 4" IMC Set Screw Connector
- 4" Rigid Compression Connector
- 4" Rigid Set Screw Connector
- 4" Straight Carflex Connector

Lists

## Covers

Lists	
<div style="border-bottom: 1px solid gray; padding-bottom: 5px;">           Search: <input type="text"/> </div> <ul style="list-style-type: none"> <li>PlanSwift</li> <li>Building Materials List</li> <li>Electrical               <ul style="list-style-type: none"> <li>Boxes</li> <li>Conduit</li> <li>Connectors</li> <li><b>Covers</b></li> <li>Fire Alarm</li> <li>Lighting</li> <li>A/V and Communication</li> <li>Motorized and HVAC</li> <li>Plaster Rings</li> <li>Power Distribution</li> <li>Receptades</li> <li>Switches</li> <li>Wire</li> <li>Complete Symbol List</li> <li>Conduit Fittings</li> </ul> </li> </ul>	<input type="checkbox"/> Parse Formula [...] <ul style="list-style-type: none"> <li>Decora Cover</li> <li>Decora/Decora Cover</li> <li>Decora/Decora/Decora Cover</li> <li>Duplex Rec/Decora/Decora Cover</li> <li>Duplex Rec/Duplex Rec/Decora Cover</li> <li>Duplex Rec/Duplex Rec/Duplex Rec Cover</li> <li>Duplex Rec/Duplex Rec/Toggle Cover</li> <li>Duplex Rec/Toggle/Toggle Cover</li> <li>Duplex Receptade Cover</li> <li>Duplex Receptade/Decora Cover</li> <li>Duplex Receptade/Duplex Receptade Cover</li> <li>Duplex Receptade/Toggle Cover</li> <li>Phone Plate</li> <li>Phone/TV Combo Plate</li> <li>Range or Dryer Receptade Cover</li> <li>Single Receptade Cover</li> <li>Single Receptade/Single Receptade Cover</li> <li>Toggle Switch Cover</li> <li>Toggle/Decora Cover</li> <li>Toggle/Decora/Decora Cover</li> <li>Toggle/Toggle Cover</li> <li>Toggle/Toggle/Decora Cover</li> <li>Toggle/Toggle/Toggle Cover</li> <li>TV Plate</li> </ul>

## Fire Alarm

Lists	
<div style="border-bottom: 1px solid gray; padding-bottom: 5px;">           Search: <input type="text"/> </div> <ul style="list-style-type: none"> <li>PlanSwift</li> <li>Building Materials List</li> <li>Electrical               <ul style="list-style-type: none"> <li>Boxes</li> <li>Conduit</li> <li>Connectors</li> <li>Covers</li> <li><b>Fire Alarm</b></li> <li>Lighting</li> <li>A/V and Communication</li> <li>Motorized and HVAC</li> <li>Plaster Rings</li> <li>Power Distribution</li> <li>Receptades</li> <li>Switches</li> <li>Wire</li> <li>Complete Symbol List</li> <li>Conduit Fittings</li> </ul> </li> </ul>	<input type="checkbox"/> Parse Formula [...] <ul style="list-style-type: none"> <li>Automatic Heat Detector</li> <li>Bell and Strobe</li> <li>Buzzer and Strobe</li> <li>Carbon Monoxide Detector</li> <li>Chime and Strobe</li> <li>Control Relay</li> <li>Door Holder</li> <li>Duct Smoke Detector</li> <li>Elevator Recall</li> <li>End of Line Resistor</li> <li>Flame Detector</li> <li>Horn Unit Only</li> <li>Horn With Strobe</li> <li>Hydrogen Detector</li> <li>Manual Pull Stations</li> <li>Post Indicator Valve</li> <li>Self Contained Smoke Detector</li> <li>Smoke Detector</li> <li>Speaker and Strobe</li> <li>Strobe Unit Only</li> <li>Water Flow Switch</li> </ul>

## Lighting

Lists	
<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <input type="text" value="Search:"/> </div> <ul style="list-style-type: none"> <li>PlanSwift</li> <li>Building Materials List</li> <li>Electrical           <ul style="list-style-type: none"> <li>Boxes</li> <li>Conduit</li> <li>Connectors</li> <li>Covers</li> <li>Fire Alarm</li> <li style="background-color: #0070C0; color: white;">Lighting</li> <li>A/V and Communication</li> <li>Motorized and HVAC</li> <li>Plaster Rings</li> <li>Power Distribution</li> <li>Receptacles</li> <li>Switches</li> <li>Wire</li> <li>Complete Symbol List</li> <li>Conduit Fittings</li> </ul> </li> </ul>	<input type="checkbox"/> Parse Formula [..] 1 x 4 Fluorescent 2 x 4 Fluorescent Bollard Site Luminaire Exit Fixture #1 Exit Fixture #2 Fluorescent Strip Louvers Outdoor Wallpack Photo Cell Light Recessed Emergency Fixture Recessed Fixture #1 Recessed Fixture #2 Recessed Fluorescent Recessed Incandescent Spotlight - Double Head Spotlight - Single Head Surface Mounted Fixture #1 Surface Mounted Fixture #2 Surface Mounted Fluorescent Suspended Fixture #1 Suspended Fixture #2 Suspended Incandescent Track Light Track Light #2 Wall Mounted Exterior Light Wall Mounted Fixture #1 Wall Mounted Fixture #2 Wall Mounted Fixture #3 Wall Mounted Fluorescent

## A/V and Communication

Lists	
<div style="border-bottom: 1px solid black; padding-bottom: 5px;"> <input type="text" value="Search:"/> </div> <ul style="list-style-type: none"> <li>PlanSwift</li> <li>Building Materials List</li> <li>Electrical           <ul style="list-style-type: none"> <li>Boxes</li> <li>Conduit</li> <li>Connectors</li> <li>Covers</li> <li>Fire Alarm</li> <li>Lighting</li> <li style="background-color: #0070C0; color: white;">A/V and Communication</li> <li>Motorized and HVAC</li> <li>Plaster Rings</li> <li>Power Distribution</li> <li>Receptacles</li> <li>Switches</li> <li>Wire</li> <li>Complete Symbol List</li> <li>Conduit Fittings</li> </ul> </li> </ul>	<input type="checkbox"/> Parse Formula [..] Cable Panel Data Jack Data Outlet Door Alarm Door Buzzer Door Chime #1 Door Chime #2 Doorbell Electric Door Opener Electric Door Strike Equipment Cabinet Master Intercom and Directory Unit Microphone Outlet - Floor Mounted Microphone Outlet - Wall Mounted Motion Detector Panic Bar Plywood Backboard Push Button Security Card Reader Security Card Reader - Weatherproof Security Control Panel Security Door Alarm and Magnetic Lock Security Door Contact Security Exit Push Button Security Keypad Security System Speaker - Ceiling Mounted Speaker - Wall Mounted Speaker Horn Telephone Jack Telephone Panel Telephone/Data Outlet Television Jack Ultrasonic Detector Volume Control

## Motorized and HVAC

**Lists** <<

Search:

- PlanSwift
- Building Materials List
- Electrical
  - Boxes
  - Conduit
  - Connectors
  - Covers
  - Fire Alarm
  - Lighting
  - A/V and Communication
  - Motorized and HVAC**
  - Plaster Rings
  - Power Distribution
  - Receptades
  - Switches
  - Wire

Parse Formula

[..]

- AC Disconnect
- Automatic Temperature Control Panel
- Ceiling Exhaust Fan
- Ceiling Exhaust Fan Light
- Equipment Control Panel
- Forced Air Unit
- Low Voltage Thermostat
- Motor
- Motor Starter Switch
- Motorized Damper
- On/Off Push Button Station
- Paddle Fan
- Pressure Switch
- Push Button
- Relay
- Solenoid Valve
- Thermostat #1
- Thermostat #2
- Three Function Push Button Switch
- Toggle Disconnect Switch
- Wall Fan
- Water Heater

## Plaster Rings

**Lists** <<

Search:

- PlanSwift
- Building Materials List
- Electrical
  - Boxes
  - Conduit
  - Connectors
  - Covers
  - Fire Alarm
  - Lighting
  - A/V and Communication
  - Motorized and HVAC
  - Plaster Rings**

Parse Formula

[..]

- 1-Gang Plaster Ring
- 2-Gang Plaster Ring
- 2-Gang Square Plaster Ring
- 3-Gang Plaster Ring
- 3-0 Round Plaster Ring
- 4-11/16 in. Square Plaster Ring
- 4-Gang Plaster Ring
- 4 in. Round Plaster Ring
- 4 in. Square Plaster Ring
- 5-Gang Plaster Ring
- 5 in. Round Plaster Ring
- 5 in. Square Plaster Ring
- 6-Gang Plaster Ring

## Power Distribution

The screenshot shows the 'Lists' application interface. On the left, a tree view under 'PlanSwift' shows 'Building Materials List' expanded to 'Electrical', with 'Power Distribution' selected. On the right, a list of items is displayed under a 'Parse Formula' checkbox. The items are: [..], Current Transformer Cabinet, Distribution Panel, Distribution Panel on Normal Feeder, Dry Type Transformer, Electrical Panel, Generator, Meter, and Meter and Socket.

## Receptacles

The screenshot shows the 'Lists' application interface. On the left, a tree view under 'PlanSwift' shows 'Building Materials List' expanded to 'Electrical', with 'Receptacles' selected. On the right, a list of items is displayed under a 'Parse Formula' checkbox. The items are: [..], 220V Receptade, Arc Fault Duplex Receptade, Blanked Outlet, Clock Hanger, Duplex Receptade, Fan Hanger Receptade, Floor Box - Flush With Both Power and Data, Floor Duplex Receptade - Flush Mounted, Floor Receptade, GFI Duplex Receptade, Half Switched Duplex Receptade, Hidden Duplex Receptade, Junction Box, Multi Outlet Assembly, Outlet Controlled by Low Voltage Switch, Quad Duplex Receptade, Special Receptade, and Weather Proof GFI Duplex Receptade.



# Switches

The screenshot shows a software interface with a left-hand navigation pane and a right-hand content pane. The left pane is titled "Lists" and contains a search bar and a tree view of categories. The "Switches" category is selected and highlighted in blue. The right pane displays a list of specific switch types, with a "Parse Formula" checkbox at the top.

**Lists** <<

Search:

- PlanSwift
- Building Materials List
- Electrical
  - Boxes
  - Conduit
  - Connectors
  - Covers
  - Fire Alarm
  - Lighting
  - A/V and Communication
  - Motorized and HVAC
  - Plaster Rings
  - Power Distribution
  - Receptacles
  - Switches**

Parse Formula

- [.]
- 3-Way Dimmer Switch
- 4-Way Switch
- 3-Way Switch
- Dimmer Switch #1
- Circuit Breaker Switch
- Double Pole Switch
- Dimmer Switch #2
- Single Pole Switch
- Weather Proof Switch

# Wire

**Lists** <<

Parse Formula

↻ Search:

- PlanSwift
- Building Materials List
- Electrical
  - Boxes
  - Conduit
  - Connectors
  - Covers
  - Fire Alarm
  - Lighting
  - A/V and Communication
  - Motorized and HVAC
  - Plaster Rings
  - Power Distribution
  - Receptacles
  - Switches
  - Wire
  - Complete Symbol List
  - Conduit Fittings

[.]		
14/2g NM (Romex)	2-2-2-2 Quad URD	30 Cond. VNTC 12 AWG
14/4g NM (Romex)	2/0-2/0-2/0-1 Quad URD	37 Cond. VNTC 12 AWG
14/3g NM (Romex)	1/0-1/0-1/0-2 Quad URD	50 Cond. VNTC 12 AWG
12/3g NM (Romex)	3/0-3/0-3/0-3/0 Quad URD	2 Cond. VNTC 14 AWG
12/2g NM (Romex)	3/0-3/0-3/0-1/0 Quad URD	3 Cond. VNTC 14 AWG
12/4g NM (Romex)	4/0-4/0-4/0-4/0 Quad URD	4 Cond. VNTC 14 AWG
10/2g NM (Romex)	4/0-4/0-4/0-2/0 Quad URD	5 Cond. VNTC 14 AWG
10/3g NM (Romex)	350-350-350-4/0 Quad URD	6 Cond. VNTC 14 AWG
8/2g NM (Romex)	250-250-250-3/0 Quad URD	7 Cond. VNTC 14 AWG
8/3g NM (Romex)	750-750-750-500 Quad URD	8 Cond. VNTC 14 AWG
6/2g NM (Romex)	500-500-500-350 Quad URD	9 Cond. VNTC 14 AWG
6/3g NM (Romex)	#18 THHN	10 Cond. VNTC 14 AWG
14/2g MC	#16 THHN	12 Cond. VNTC 14 AWG
14/4g MC	#14 THHN	15 Cond. VNTC 14 AWG
14/3g MC	#12 THHN	16 Cond. VNTC 14 AWG
12/3g MC	#10 THHN	19 Cond. VNTC 14 AWG
12/2g MC	#8 THHN	20 Cond. VNTC 14 AWG
12/4g MC	#6 THHN	25 Cond. VNTC 14 AWG
10/2g MC	#4 THHN	30 Cond. VNTC 14 AWG
10/3g MC	#2 THHN	37 Cond. VNTC 14 AWG
8/2g MC	1/0 THHN	50 Cond. VNTC 14 AWG
8/3g MC	#1 THHN	2 Cond. VNTC 16 AWG
6/2g MC	3/0 THHN	3 Cond. VNTC 16 AWG
6/3g MC	2/0 THHN	4 Cond. VNTC 16 AWG
14/2g UF	4/0 THHN	5 Cond. VNTC 16 AWG
14/4g UF	250 THHN	6 Cond. VNTC 16 AWG
14/3g UF	400 THHN	7 Cond. VNTC 16 AWG
12/3g UF	350 THHN	8 Cond. VNTC 16 AWG
12/2g UF	600 THHN	9 Cond. VNTC 16 AWG
12/4g UF	500 THHN	10 Cond. VNTC 16 AWG
10/2g UF	750 THHN	12 Cond. VNTC 16 AWG
10/3g UF	700 THHN	15 Cond. VNTC 16 AWG
8/2g UF	2 Cond. VNTC 10 AWG	16 Cond. VNTC 16 AWG
8/3g UF	3 Cond. VNTC 10 AWG	19 Cond. VNTC 16 AWG
8-8-8-8 SER	4 Cond. VNTC 10 AWG	20 Cond. VNTC 16 AWG
6-6-6-6 SER	5 Cond. VNTC 10 AWG	25 Cond. VNTC 16 AWG
4-4-4-6 SER	6 Cond. VNTC 10 AWG	30 Cond. VNTC 16 AWG
2-2-2-4 SER	7 Cond. VNTC 10 AWG	37 Cond. VNTC 16 AWG
1/0-1/0-1/0-2 SER	8 Cond. VNTC 10 AWG	50 Cond. VNTC 16 AWG
3/0-3/0-3/0-1/0 SER	9 Cond. VNTC 10 AWG	2 Cond. VNTC 18 AWG
2/0-2/0-2/0-1 SER	10 Cond. VNTC 10 AWG	3 Cond. VNTC 18 AWG
4/0-4/0-4/0-2/0 SER	12 Cond. VNTC 10 AWG	4 Cond. VNTC 18 AWG
250-250-250-3/0 SER	15 Cond. VNTC 10 AWG	5 Cond. VNTC 18 AWG
6-6-6 Triplex URD	16 Cond. VNTC 10 AWG	6 Cond. VNTC 18 AWG
4-4-4 Triplex URD	19 Cond. VNTC 10 AWG	7 Cond. VNTC 18 AWG
2-2-4 Triplex URD	20 Cond. VNTC 10 AWG	8 Cond. VNTC 18 AWG
2-2-2 Triplex URD	25 Cond. VNTC 10 AWG	9 Cond. VNTC 18 AWG
1/0-1/0-2 Triplex URD	30 Cond. VNTC 10 AWG	10 Cond. VNTC 18 AWG
2/0-2/0-1 Triplex URD	37 Cond. VNTC 10 AWG	12 Cond. VNTC 18 AWG
1/0-1/0-1/0 Triplex URD	50 Cond. VNTC 10 AWG	15 Cond. VNTC 18 AWG
3/0-3/0-1/0 Triplex URD	2 Cond. VNTC 12 AWG	16 Cond. VNTC 18 AWG
2/0-2/0-2/0 Triplex URD	3 Cond. VNTC 12 AWG	19 Cond. VNTC 18 AWG
4/0-4/0-2/0 Triplex URD	4 Cond. VNTC 12 AWG	20 Cond. VNTC 18 AWG
3/0-3/0-3/0 Triplex URD	5 Cond. VNTC 12 AWG	25 Cond. VNTC 18 AWG
4/0-4/0-4/0 Triplex URD	6 Cond. VNTC 12 AWG	30 Cond. VNTC 18 AWG
250-250-3/0 Triplex URD	7 Cond. VNTC 12 AWG	37 Cond. VNTC 18 AWG
350-350-4/0 Triplex URD	8 Cond. VNTC 12 AWG	50 Cond. VNTC 18 AWG
350-350-350 Triplex URD	9 Cond. VNTC 12 AWG	
500-500-500 Triplex URD	10 Cond. VNTC 12 AWG	
500-500-350 Triplex URD	12 Cond. VNTC 12 AWG	
750-750-500 Triplex URD	15 Cond. VNTC 12 AWG	
4-4-4-4 Quad URD	16 Cond. VNTC 12 AWG	
2-2-2-4 Quad URD	19 Cond. VNTC 12 AWG	
2-2-2-2 Quad URD	20 Cond. VNTC 12 AWG	
	25 Cond. VNTC 12 AWG	

Lists

## Complete Symbol List

**Lists** <<

Search:

Parse Formula

- PlanSwift
- Building Materials List
- Electrical
  - Boxes
  - Conduit
  - Connectors
  - Covers
  - Fire Alarm
  - Lighting
  - A/V and Communication
  - Motorized and HVAC
  - Plaster Rings
  - Power Distribution
  - Receptades
  - Switches
  - Wire
  - Complete Symbol List
  - Conduit Fittings

- [..]
- 1 x 4 Fluorescent
- 2 x 4 Fluorescent
- 220V Receptade
- 3-Way Dimmer Switch
- 3-Way Switch
- 4-Way Switch
- AC Disconnect
- Arc Fault Duplex Receptade
- Automatic Heat Detector
- Automatic Temperature Control Panel
- Bell and Strobe
- Blanked Outlet
- Bollard Site Luminaire
- Buzzer and Strobe
- Cable Panel
- Carbon Monoxide Detector
- Ceiling Exhaust Fan
- Ceiling Exhaust Fan Light
- Chime and Strobe
- Circuit Breaker Switch
- Clock Hanger
- Control Relay
- Current Transformer Cabinet
- Data Jack
- Data Outlet
- Dimmer Switch #1
- Dimmer Switch #2
- Distribution Panel
- Distribution Panel on Normal Feeder
- Door Alarm
- Door Buzzer
- Door Chime #1
- Door Chime #2
- Door Holder
- Doorbell
- Double Pole Switch
- Dry Type Transformer
- Duct Smoke Detector
- Duplex Receptade
- Electric Door Opener
- Electric Door Strike
- Electrical Panel
- Elevator Recall
- End of Line Resistor
- Equipment Cabinet
- Equipment Control Panel
- Exit Fixture #1
- Exit Fixture #2
- Fan Hanger Receptade
- Flame Detector
- Floor Box - Flush With Both Power and Data
- Floor Duplex Receptade - Flush Mounted
- Floor Receptade
- Fluorescent Strip
- Forced Air Unit
- Generator
- GFI Duplex Receptade
- Half Switched Duplex Receptade
- Hidden Duplex Receptade
- Horn Unit Only
- Hydrogen Detector
- Junction Box
- Louvers
- Low Voltage Thermostat

**Lists**

## Conduit Fittings

**Lists** <<

↻ Search:

- PlanSwift
- Building Materials List
- Electrical
  - Boxes
  - Conduit
  - Connectors
  - Covers
  - Fire Alarm
  - Lighting
  - A/V and Communication
  - Motorized and HVAC
  - Plaster Rings
  - Power Distribution
  - Receptades
  - Switches
  - Wire
  - Complete Symbol List
  - Conduit Fittings

Parse Formula

- [..]
- Bonding Locknut
- Grounding Locknut
- Locknut
- Bushing
- Non-Metallic Insulated Bushing
- Set Screw Grounding Bushing
- Reducing Bushing
- Combination Coupling
- Compression Coupling
- Compression Coupling, Rain Tight
- Counter-Sunk Hex Head Plug
- Coupling, Three-piece
- Insulated Compression Coupling, Rain Tight
- Rod Coupling
- Set Screw Combination Coupling
- Set Screw Coupling
- Squeeze/Compression Coupling
- Threaded Coupling
- Box Connector
- Compression Connector
- Compression Connector, Concrete Tight
- Compression Connector, Rain Tight
- Compression Connector, Three-piece
- Compression Coupling
- Compression Fitting
- Connector, Two-piece
- Insulated Compression Connector
- Insulated Compression Connector, Rain Tight
- Insulated Set Screw Connector
- Insulated Set Screw Connector, Concrete Tight
- Set Screw Connector
- Set Screw Connector, Concrete Tight
- Chase Closed Nipple
- Chase Nipple
- Nipple
- Offset Nipple
- Rigid Nipple
- Elbow 22.5 Degree
- Elbow 45 Degree
- Elbow 90 Degree
- Street Elbow 90 Degree
- Grounding Hub
- Hub
- Hub, Rain Tight
- Clamping Service Entrance Head
- Conduit Cap
- Escutcheon Plate
- Non-Hazardous Location Drain