Masonry Starter Pack User Guide

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Overview

This guide will teach you how to properly use the tools and features found within the Masonry 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 <u>FAQ</u> section of this user manual) or contact the technical support department at:

PlanSwift[®] Technical Support 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 <u>training@PlanSwift.com</u>

1-888-752-6794 ext. 6

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 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 Masonry Starter Pack includes <u>Masonry Assemblies</u> and <u>Masonry Parts</u> found in the Templates tab of PlanSwift. These are listed in the <u>Compendium</u> at the end of this guide. With these Masonry assemblies and parts, PlanSwift users can easily customize assemblies and parts for later use. 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: 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 2 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).

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		Description 2A	0		Jabor 2			
	Priaterial 10	Description 2A	v		- Area Takeoff Item Example 3			

Figure 2

Figure 3 shows the original (arrows 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.

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			Material 1			De	scription 1				0						
		🗊	Material 2			De	scription 2				0						
			Material 3			De	scription 3				0						
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			Material 6			De	scription 1A				0						

Figure 3

Figure 4 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).

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Material 2	Description 2	0	🛱 👘 Area Takeoff Item Example 1 📃
Material 3	Description 3	0	Material 1
Material 4	Description 3	0	··· 🎒 Material 2
Material 5	Description 1A	0	···· 🥮 Material 3
Labor 1		0	···· 🎯 Material 4
🖃 🛄 Area Takeoff Item Example 1 🍧		0	Material 5
Material 1	Description 1	0	Jabor 1
Material 2	Description 2	0	Area Takeoff Item Example 1
Material 4	Description 3	0	Area Takeoff Item Example 2 Material 6
Material 5	Description 1A	0	Material 6

Figure 4

This opens the **Properties – [Area Takeoff Item Example 1]** window (Figure 5) 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.

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Advanced Assemblies		How To Examples
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🖹 👘 Area Takeoff Item Example 1		
	Description 1	Properties - [Area Takeoff Item Example 1] X Area Assembly 1
Material 2	Description 2	General Pricing Change name here Pricing Area Takeoff Item Example 1
Material 3	Description 3	Name State
Material 4	Description 3	Venice Area Takeoff Item Example 1
Material 5	Description 1A	Material 3
Labor 1		Description - Material 4
🗐 🙀 Area Takeoff Item Example 1		Material 5
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	Description 2	8 • IN • 12.3 • FT • • • • • • • • • • • • • • • • •
	Description 3	Purchased by the
Material 5	Description 1A	Square Waterial 6
Labor 1		Thickness Siding Style
Area Takeoff Item Example 2		.042 V IN V Clapboard V Alabor 2



Click on **Ok** in the **Properties** window after you have entered the name. Figure 6 shows the new name.

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Material 1 Material 2	Description 1 Description 2	0	← → Area Assembly 1 ← → Area Takeoff Item Example 1	
Material 3 Material 4	Description 3 Description 3	0	- Image:	
Material 5 Labor 1	Description 1A	0	→ ■ Material 3 → ■ Material 4 → ■ Material 5	
Area Takeoff Item Example 1 - No Material 3	Description 1	0	Material 5	1.5

Figure 6

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 7) in the **Templates** sidebar window, and then proceed to do your takeoff.

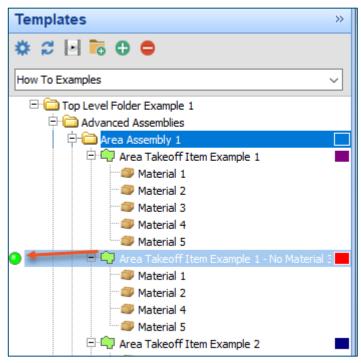


Figure 7

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** (arrow 1), then click on copy (arrow 2) as shown in Figure 8.

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	Material 1	Description 1	0		😑 🧰 Area Assembly 1
	Material 2	Description 2	0		🕀 👘 Area Takeoff Item Example 1
	Material 3	Description 3	0		Material 1
	Material 4	Description 3	0		···· 🥔 Material 2
	Material 5	Description 1A	0		···· 🥮 Material 3
	Jabor 1		0		Material 4
	Area Takeoff Item Example 1 - No Material 3		0		Material 5
	Material 1	Description 1	0		babor 1
	Material 2	Description 2	0		🖃 🛄 Area Takeoff Item Example 1 - No Material 3
	Material 4	Description 3	0		Material 1
	Material 5	Description 1A	0		Material 2
	Jabor 1		0		Material 4
	Area Takeoff Item Example 2		13.2		Labor 1
-	🗊 Material 6	Description 1A	0		Area Takeoff Item Example 2
	Material 7	Description 1B	0		Material 6
	Material 8	Description 1C	0		Material 7

Figure 8

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 9 shows the **Paste** button. Clicking on the top portion of the button pastes the part at the same hierarchical level of a selected item. Clicking on the bottom (down-arrow) part of the button, then selecting **As Sub-Item** pastes the part as a sub-item of the selected item.

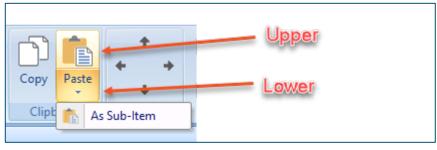


Figure 9

Click on **Area Takeoff Item Example 1**, then click on the top part of **Paste**. As shown in Figure 10, **Material 6** gets pasted at the same hierarchical level as **Area Takeoff Item Example 1**.

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Figure 10

If you had selected the lower part of the **Paste** button, then **Material 6** would be a subitem of **Area Takeoff Item Example 1**. Figure 11 shows **Material 6** as a sub-item.

Home Page Tools View Estimating Lis	ts Templates Settings
	ew New New nt * Assembly * Part *
Sample Templates Sample Parts STypes	-
Name	Description
🖻 🫅 Area Assembly 1	
🖹 👘 Area Takeoff Item Example 1	
Material 1	Description 1
Material 2	Description 2
Material 3	Description 3
Material 4	Description 3
Material 5	Description 1A
Jabor 1	
Material 6	Description 1A
🖹 🚔 Area Takeoff Item Example 1 - No Material 3	

Figure 11

Another way to adjust the hierarchy of an item, such as **Material 6**, is to use the Main Ribbon bar arrow **Adjust** keys (Figure 12).



Figure 12

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 **Past as Sub-Item** selections is available with a right-click menu. Figure 13 shows the **Copy, Paste**, and **Paste As Sub-Item** options on the right-click menu when **Material 6** is right-clicked on.

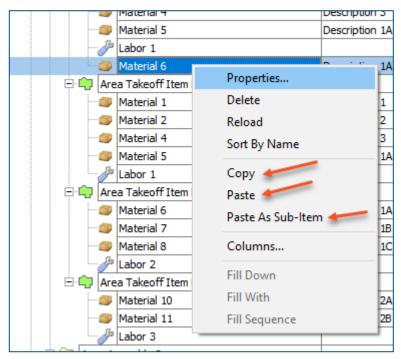


Figure 13

Double-clicking on **Material 6** allows you to change the name of the item and alter other properties of the item (Figure 14). To change the name of **Material 6**, double-click on the **Material 6** name, type the new name, and click on **Ok**.

			0	
Material 6	Description 1A		0	
🖃 👘 Area Takeoff Item Example 1 -	No Material 3			
- Material 1	Description 1	Properties - [Mater	ial 6j	×
Material 2	Description 2	Name	Value	Units
Material 4	Description 3	Material 6	L	
Material 5	Description 1A	Waste %	0	%
Labor 1		Markup %	0.00	%
🖃 👘 Area Takeoff Item Example 2				70
Material 6	Description 1A	Description	Description 1A	
Material 7	Description 1B	Input Advance	d Form	Ok Cancel
Material 8	Description 1C	Advance		OK Cancer
l abor 2		1	0	

Figure 14

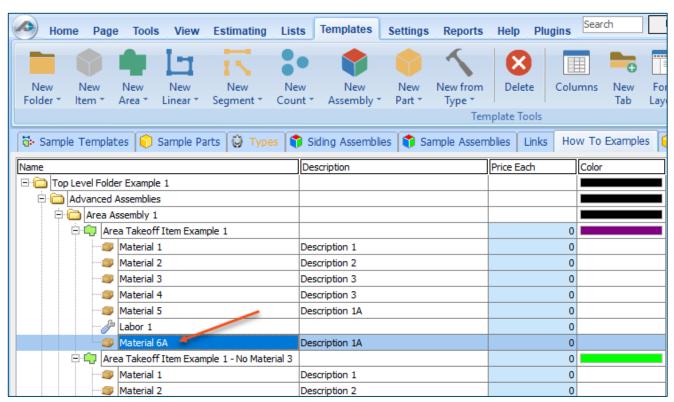


Figure 15 shows Material 6 renamed to Material 6A.

Figure 15

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: 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 16) and release the mouse button.

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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 1A	0
		0
Material 6A	Description 1A	0
Material 8	Description 1C	0
🖃 👘 Area Takeoff Item Example 1 - No Material 3		0
Material 1	Description 1	0
Material 2	Description 2	0
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Material 5	Description 1A	0
Labor 1		0
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Material 6	Description 1A	0
	Description 1B	0
Labor 2		0
🖃 👘 Area Takeoff Item Example 3		0
Material 10	Description 2A	0

Figure 16

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 17).

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		Description 1C									- 8	Labor 1		
		Description 1D	Name	Value		Uni	ts				🌍	Material 6A		
	akeoff Item Example 1 - No Material 3	Description 10	Material 7									Material 8		
Mai Mai		Description 1	Horizontal Overlap	4.00		IN						Material 7		
		Description 2	Vertical Overlap	6.00		IN							m Example 1 - No	Material 3
		Description 3	Waste %	0		%						Material 1		
Ma'		Description 1A	Cost Each	0.00		Ś						Material 2 Material 4		
lab			Markup %	0.00		-						Material 4 Material 5		
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		Description 2A		0	0						🗄 🛑 Āre	a Takeoff Ite	m Example 3	

Figure 17

Figure 17 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.

Disclaimer

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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 <u>one-on-one training</u> and <u>classroom training</u>. Contact <u>training@PlanSwift.com</u> or at 1-888-752-6794 Ext. 6.

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

Masonry Assemblies – Block

		Description	Division	Type	C
Block				Folder	
Adv	vanced Assemblies			Folder	
0.0	4* CMU Block Wall		04 00 00 Masonry	Area	
	4"W x 8"H x 16"L CMU Block	Standard Block	04 00 00 Masonry	Material	
	Sand	200 Blocks/Ton	04 00 00 Masonry	Material	
	Mortar	33 Blocks/Bag	04 00 00 Masonry	Material	
	#4 Rebar	28" O.C. Spacing, #4 Rebar, 0.668 LBS/FT	04 00 00 Masonry	Material	
	Ja Block Labor	20 Blocks/Hour/Worker, 4 Workers	04 00 00 Masonry	Labor	
ė	6" CMU Block Wall		04 00 00 Masonry	Area	
14	6"W x 8"H x 16"L CMU Block	Standard Block	04 00 00 Masonry	Material	
	Sand	200 Blocks/Ton	04 00 00 Masonry	Material	
	Mortar	33 Blocks/Bag	04 00 00 Masonry	Material	
	#4 Rebar	28" O.C. Spacing, #4 Rebar, 0.668 LBS/FT	04 00 00 Masonry	Material	
	Ja Block Labor	20 Blocks/Hour/Worker, 4 Workers	04 00 00 Masonry	Labor	+
-	8" CMU Block Wall		04 00 00 Masonry	Area	
TL	8"W x 8"H x 16"L CMU Block	Standard Block	04 00 00 Masonry	Material	-
	Sand	200 Blocks/Ton	04 00 00 Masonry	Material	+
	Mortar	33 Blocks/Bag	04 00 00 Masonry	Material	+
	#4 Rebar	28" O.C. Spacing, #4 Rebar, 0.668 LBS/FT	04 00 00 Masonry	Material	+
	Block Labor	20 Blocks/Hour/Worker, 4 Workers	04 00 00 Masonry	Labor	+
-	10" CMU Block Wall		04 00 00 Masonry	Area	
TL	10"W x 8"H x 16"L CMU Block	Standard Block	04 00 00 Masonry	Material	17
	Sand	200 Blocks/Ton	04 00 00 Masonry	Material	+
	Mortar	33 Blocks/Bag	04 00 00 Masonry	Material	+
	#4 Rebar	28" O.C. Spacing, #4 Rebar, 0.668 LBS/FT	04 00 00 Masonry	Material	+
	JP Block Labor	20 Blocks/Hour/Worker, 4 Workers	04 00 00 Masonry	Labor	-
-1-1-1	4" CMU Block Wall		0100001430119	Linear	
TH	4"W x 8"H x 16"L CMU Block	Standard Block		Material	-
	Sand	200 Blocks/Ton		Materia	+
	Mortar	Gray 70 lbs bag		Material	+
	#4 Rebar	#4 Rebar, 0.668 LBS/FT		Material	+
	Block Labor	20 Blocks/Hour/Worker, 4 Workers		Labor	+
in ter	6* CMU Block Wall	20 blocks/hour/worker, 4 workers		Linear	-
14	6"W x 8"H x 16"L CMU Block	Standard Block		Materia	-
	Sand	200 Blocks/Ton		Material	+
	Mortar			Material	+
	#4 Rebar	Gray 70 lbs bag #4 Rebar, 0.668 LBS/FT		Material	+
	Block Labor	20 Blocks/Hour/Worker, 4 Workers		Labor	+
- t	8" CMU Block Wall	20 blocks/hour/worker, 4 workers		Linear	-
913	8"W x 8"H x 16"L CMU Block	Standard Block			-
				Material	+
	Sand	200 Blocks/Ton		Material	+
	Mortar	Gray 70 lbs bag		Material	-
	#4 Rebar	#4 Rebar, 0.668 LBS/FT		Material	+
1.	Block Labor	20 Blocks/Hour/Worker, 4 Workers		Labor	-
94	10" CMU Block Wall			Linear	-
	10"W x 8"H x 16"L CMU Block	Standard Block		Material	+
	Sand	200 Blocks/Ton		Material	-
	Mortar	Gray 70 lbs bag		Material	+
	#4 Rebar	#4 Rebar, 0.668 LBS/FT		Material	-
1.	Block Labor	20 Blocks/Hour/Worker, 4 Workers		Labor	-
01	Cap Block			Segment	-
	8"W x 2"H x 16"L Cap Block	Straight		Material	-
	Type-S Mortar	50 Ft/Bag		Materia	

Masonry Assemblies – Block -- Continued

lame	Description	Division	Type	Colo
🕀 🚦 Steel Lintel			Count	
6°W x 3°H x 4° L Steel Lintel			Material	
- Je Lintel Labor			Labor	
E : Concrete Lintel			Count	
6"W x 3"H x 4" L Concrete Lints	el		Material	
Jan Lintel Labor			Labor	
E Cale Basic Assemblies			Folder	
🕀 🤤 CMU Block		04 00 00 Masonry	Area	
Material	CMU Block	04 00 00 Masonry	Material	
- Jabor	CMU Block	04 00 00 Masonry	Labor	
🖻 🤤 Glass Block		04 00 00 Masonry	Area	
Material	Glass Block	04 00 00 Masonry	Material	
- Jabor	Glass Block	04 00 00 Masonry	Labor	
CMU Block Wall		04 00 00 Masonry	Linear	
Material	CMU Block Wall	04 00 00 Masonry	Material	
Labor	CMU Block Wall	04 00 00 Masonry	Labor	
Glass Block Wall		04 00 00 Masonry	Linear	
Material	Glass Block Wall	04 00 00 Masonry	Material	
Jabor	Glass Block Wall	04 00 00 Masonry	Labor	
E Pillar Cap		01 00 00 General Requirements	Count	
Material	Pillar Cap	01 00 00 General Requirements	Material	
- Jabor	Pillar Cap	01 00 00 General Requirements	Labor	
😑 🚦 • Lintel		01 00 00 General Requirements	Count	
Material	Lintel	01 00 00 General Requirements	Material	
Labor	Lintel	01 00 00 General Requirements	Labor	

Masonry Assemblies – Brick -- Continued

e		Description	Division	Type	Col
Brick				Folder	
Ad 🗀 🗄	Ivanced Assemblies			Folder	
0	Standard Brick Wall		04 00 00 Masonry	Area	
	3.62" D x 2.25" H x 8" L Standard Brick		04 00 00 Masonry	Material	
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	Wall Ties	2.67 Sq Ft/Wall Tie, 500/Box	04 00 00 Masonry	Material	T
	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	
	Je Brick Labor	Price per SQ FT	04 00 00 Masonry	Labor	
00	Modular Brick Wall		04 00 00 Masonry	Area	
	3.62" D x 2.25" H x 7.62" L Modular Brick		04 00 00 Masonry	Material	
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	1
	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	Wall Tie	2.67 Sq Ft/Wall Tie, 500/Box	04 00 00 Masonry	Material	
	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	
	Brick Labor	Price per SQ FT	04 00 00 Masonry	Labor	
BQ	Norman Brick Wall		04 00 00 Masonry	Area	
	3.62" D x 2.25" H x 11.62" L Norman Brick		04 00 00 Masonry	Material	
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
11+	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	Wall Tie	2.67 Sq Ft/Wall Tie, 500/Box	04 00 00 Masonry	Material	
	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	
	🦑 Brick Labor	Price per SQ FT	04 00 00 Masonry	Labor	
0.00	Roman Brick Wall		04 00 00 Masonry	Area	
	3.62" D x 1.62" H x 11.62" L Roman Brick		04 00 00 Masonry	Material	
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	Wall Tie	2.67 Sq Ft/Wall Tie, 500/Box	04 00 00 Masonry	Material	
	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	
	Brick Labor	Price per SQ FT	04 00 00 Masonry	Labor	
0.00	2.25" True Pavers		04 00 00 Masonry	Area	
	4" D x 2.25" H x 8" L True Brick		04 00 00 Masonry	Material	
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	/ Paver Labor	Price per SQ FT	04 00 00 Masonry	Labor	
ÞQ	1.25" Modular Pavers		04 00 00 Masonry	Area	
	3.62" D x 1.25" H x 7.62" L Modular Brick		04 00 00 Masonry	Material	
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	Paver Labor	Price per SQ FT	04 00 00 Masonry	Labor	
P.L.	Standard Brick Wall		04 00 00 Masonry	Linear	
	3.62" W x 2.25" H x 8" L Standard Brick		04 00 00 Masonry	Material	
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	Wall Tie	2.67 Sq Ft/Wall Tie, 500/Box	04 00 00 Masonry	Material	
	Weather Barrier	1,295.67 Sg Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	

Masonry Assemblies – Brick -- Continued

2		Description	Division	Type	Color
E Moo	dular Brick Wall		04 00 00 Masonry	Linear	
1	3.62" W x 2.25" H x 7.62" L Modular Brick		04 00 00 Masonry	Material	
1	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
141	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
82	Wall Tie	2.67 Sq Ft/Wall Tie, 500/Box	04 00 00 Masonry	Material	
-	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	
-p	Brick Labor	Price per SQ FT	04 00 00 Masonry	Labor	
B Nor	man Brick Wall		04 00 00 Masonry	Linear	
	3.62" W x 2.25" H x 11.62" L Norman Brick		04 00 00 Masonry	Material	
82	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
-	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	Wall Tie	2.67 Sq Ft/Wall Tie, 500/Box	04 00 00 Masonry	Material	
	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	1
- 3	Brick Labor	Price per SQ FT	04 00 00 Masonry	Labor	
E Ron	nan Brick Wall		04 00 00 Masonry	Linear	
	3.62" W x 1.62" H x 11.62" L Roman Brick		04 00 00 Masonry	Material	1
1. C	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
1.1	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
	Wall Tie	2.67 Sq Ft/Wall Tie, 500/Box	04 00 00 Masonry	Material	
43.	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	
- A	Brick Labor	Price per SQ FT	04 00 00 Masonry	Labor	
B K Sta	ndard Brick Edge		04 00 00 Masonry	Segment	
	3.62" W x 2.25" H x 9.62" L Brick	4" x 2.25" x 9.62" Nominal Brick Size	04 00 00 Masonry	Material	1
	Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
Here a	Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	
- 6	Brick Labor	Price per Ft	04 00 00 Masonry	Labor	
E: Ste	el Lintel			Count	
	3"W x 3"H x 4" L Steel Lintel			Material	
- 8	Lintel Labor			Labor	
E : Con	crete Lintel			Count	
	3°W x 3°H x 4° L Concrete Lintel			Material	1
h	Lintel Labor			Labor	

Masonry Assemblies – Brick -- Continued

e		Description	Division	Type	Colo
🗄 🧰 Basi	ic Assemblies			Folder	
0.00	2-1/4" Modular Brick		04 00 00 Masonry	Area	
F	Material	2-1/4" Modular Brick	04 00 00 Masonry	Material	
-	/ Labor	2-1/4" Modular Brick	04 00 00 Masonry	Labor	
0	2-3/4" Modular Brick		04 00 00 Masonry	Area	
-	Material	2-3/4" Modular Brick	04 00 00 Masonry	Material	
1.4	/ Labor	2-3/4* Modular Brick	04 00 00 Masonry	Labor	
0.00	2-1/4" Norman Brick		04 00 00 Masonry	Area	
F	Material	2-1/4" Norman Brick	04 00 00 Masonry	Material	
	habor	2-1/4" Norman Brick	04 00 00 Masonry	Labor	
00	4" Norman Brick		04 00 00 Masonry	Area	
	Material	4" Norman Brick	04 00 00 Masonry	Material	
1.4	Jabor Labor	4" Norman Brick	04 00 00 Masonry	Labor	
0.00	3" King Brick		04 00 00 Masonry	Area	
1	Material	3" King Brick	04 00 00 Masonry	Material	
1 -	Jabor Labor	3" King Brick	04 00 00 Masonry	Labor	
0- C	1-1/4" Modular Paver		04 00 00 Masonry	Area	
-	Material	1-1/4" Modular Paver	04 00 00 Masonry	Material	
1.4	/ Labor	1-1/4" Modular Paver	04 00 00 Masonry	Labor	
0	2-1/4" Modular Paver		04 00 00 Masonry	Area	
	Material	2-1/4" Modular Paver	04 00 00 Masonry	Material	
1 1	/ Labor	2-1/4" Modular Paver	04 00 00 Masonry	Labor	
	2-1/4" Modular Brick		04 00 00 Masonry	Linear	
	Material	2-1/4" Modular Brick	04 00 00 Masonry	Material	
1	🔑 Labor	2-1/4" Modular Brick	04 00 00 Masonry	Labor	
	2-3/4" Modular Brick		04 00 00 Masonry	Linear	
	Material	2-3/4" Modular Brick	04 00 00 Masonry	Material	
1.4	🌽 Labor	2-3/4" Modular Brick	04 00 00 Masonry	Labor	
0-1-1	2-1/4" Norman Brick		04 00 00 Masonry	Linear	
1	Material	2-1/4" Norman Brick	04 00 00 Masonry	Material	
1 -	Jabor Labor	2-1/4" Norman Brick	04 00 00 Masonry	Labor	
0 L-1	4" Norman Brick		04 00 00 Masonry	Linear	
1-1-	Material	4" Norman Brick	04 00 00 Masonry	Material	
1.4	/= Labor	4" Norman Brick	04 00 00 Masonry	Labor	
e I-	3" King Brick		04 00 00 Masonry	Linear	
	Material	3" King Brick	04 00 00 Masonry	Material	
1 4	/ Labor	3" King Brick	04 00 00 Masonry	Labor	
.	Lintel		01 00 00 General Requirements	Count	
-	Material	Lintel	01 00 00 General Requirements	Material	
1	/ Labor	Lintel	01 00 00 General Requirements	Labor	
÷.	Pillar Cap		01 00 00 General Requirements	Count	
1-	Material	Pillar Cap	01 00 00 General Requirements	Material	
1	Jabor Labor	Pillar Cap	01 00 00 General Requirements	Labor	

Masonry Assemblies – Stone

ne		Description	Division	Type	Cok
Contemporaria Stone				Folder	
E 🗀 Adv	anced Assemblies			Folder	
00	Stone			Area	
	Stone	Priced per Sq Ft		Material	
	Type-S Mortar	10 Sq Ft/Bag		Material	
	Metal Lath	Self-Furring 36" x 50'		Material	
	Drainage Mesh	3.26' x 61.5' Roll		Material	
	Vapor Barrier	3' x 100' Roll @ 40 mil		Material	
	Prep Labor	Priced per Sq Ft		Labor	
	🎾 Stone Labor	Priced per Sq Ft		Labor	
00	Ledgestone Stone			Area	
	Ledgestone Stone	Priced per Sq Ft		Material	
	Type-S Mortar	10 Sq Ft/Bag		Material	
	Metal Lath	Self-Furring 36" x 50'		Material	
	Drainage Mesh	3.26' x 61.5' Roll		Material	
	Vapor Barrier	3' x 100' Roll @ 40 mil		Material	
	Prep Labor	Priced per Sq Ft		Labor	
114	💯 Stone Labor	Priced per Sq Ft		Labor	
00	River Rock Stone			Area	
1 1	River Rock Stone	Priced per Sq Ft		Material	1
	Type-S Mortar	10 Sq Ft/Bag		Material	
	Metal Lath	Self-Furring 36" x 50'		Material	
	Drainage Mesh	3.26' x 61.5' Roll		Material	
	Vapor Barrier	3' x 100' Roll @ 40 mil		Material	
	Prep Labor	Priced per Sq Ft		Labor	-
	De Stone Labor	Priced per Sq Ft		Labor	
00	Drystack Stone			Area	
	Drystack Stone	Priced per Sq Ft		Material	
	Type-S Mortar	10 Sq Ft/Bag		Material	
	Metal Lath	Self-Furring 36" x 50'		Material	
	Drainage Mesh	3.26' x 61.5' Roll		Material	
	Vapor Barrier	3' x 100' Roll @ 40 mil		Material	_
	Prep Labor	Priced per Sq Ft		Labor	
	A Stone Labor	Priced per Sq Ft		Labor	-
011	Stone			Linear	
	Stone	20 Lbs/ Sq Ft		Material	1
	Type-S Mortar	10 Sq Ft/Bag		Material	
	Metal Lath	Self-Furring 36"W x 100"L		Material	
	Drainage Mesh	3.26' x 61.5' Roll		Material	
	Vapor Barrier	3' x 100' Roll @ 40 mil		Material	
	Prep Labor	Priced per Sq Ft		Labor	-
	Ja Stone Labor	Priced per Sq Ft		Labor	-

Masonry Assemblies – Stone -- Continued

		Description	Division	Туре	Cold
e La	Ledgestone Stone			Linear	
	Ledgestone Stone	20 Lbs/ Sq Ft		Material	
	Type-S Mortar	10 Sq Ft/Bag		Material	
	Metal Lath	Self-Furring 36"W x 100"L		Material	
	Drainage Mesh	3.26' x 61.5' Roll		Material	
	Vapor Barrier	3' x 100' Roll @ 40 mil		Material	
	Prep Labor	Priced per Sq Ft		Labor	
	🌽 Stone Labor	Priced per Sq Ft		Labor	
e In	River Rock Stone			Linear	
	River Rock Stone	20 Lbs/ Sq Ft		Material	1
	Type-S Mortar	10 Sq Ft/Bag		Material	
	Metal Lath	Self-Furring 36"W x 100"L		Material	
-	Drainage Mesh	3.26' x 61.5' Roll		Material	
	Vapor Barrier	3' x 100' Roll @ 40 mi		Material	
	JP Prep Labor	Priced per Sg Ft		Labor	
	Ja Stone Labor	Priced per Sq Ft		Labor	
B-I-	Drystack Stone			Linear	
	Drystack Stone	20 Lbs/ Sg Ft		Material	
	Type-S Mortar	10 Sq Ft/Bag		Material	
	Metal Lath	Self-Furring 36"W x 100"L		Material	
	Drainage Mesh	3.26' x 61.5' Roll		Material	
	Vapor Barrier	3' x 100' Roll @ 40 mil		Material	
	JP Prep Labor	Priced per Sq Ft		Labor	
	Ja Stone Labor	Priced per Sq Ft		Labor	-
-	Corner Stone			Segment	
	Castle Rock Corner Stone	20 Lbs/ Sq Ft		Material	-
	Type-S Mortar	10 Ft/Bag		Material	
	JP Prep Labor			Labor	-
	A Stone Labor			Labor	-
	Sill Stone			Segment	
T	Castle Rock Sill Stone	20 Lbs/ Sg Ft		Material	-
	Type-S Mortar	10 Ft/Bag		Material	-
	Prep Labor	101 (000g		Labor	-
	Stone Labor			Labor	-
-	Cap Stone			Segment	
11	Castle Rock Cap Stone	20 Lbs/ Sq Ft		Material	-
	Type-S Mortar	10 Ft/Bag		Material	-
	JP Prep Labor	10 F (1089		Labor	-
	Stone Labor			Labor	-
	Utility Box Stone 6" x 8"			Count	
T	Utility Box Stone 6" x 8"			Material	-
	Stone Labor			Labor	-
L	Trim Stone Stone 6" x 8"				
				Count	-
	Trim Stone Stone 6" x 8"			Material	-
4.	Stone Labor			Labor	_
	Light Box Stone 9" x 12"			Count	
	Light Box Stone 9" x 12"			Material	-
1.	Stone Labor			Labor	
	Key Stone Stone 8" x 10"			Count	
	Key Stone Stone 8" x 10"			Material	

Masonry Assemblies – Stone -- Continued

ame	Description	Division	Type	Colo
- Je Stone Labor			Labor	1
🗄 🧰 Basic Assemblies			Folder	
🕀 🌍 Stone		04 00 00 Masonry	Area	
Material	Stone	04 00 00 Masonry	Material	
Labor	Stone	04 00 00 Masonry	Labor	
E I Stone Wall		04 00 00 Masonry	Linear	1
Material	Stone Wall	04 00 00 Masonry	Material	
- Jabor	Stone Wall	04 00 00 Masonry	Labor	
Precast Sil		04 00 00 Masonry	Segment	
Material	Precast Sill	04 00 00 Masonry	Material	
- Jabor	Precast Sill	04 00 00 Masonry	Labor	
Cast Stone		04 00 00 Masonry	Segment	
Material	Cast Stone	04 00 00 Masonry	Material	
h Labor	Cast Stone	04 00 00 Masonry	Labor	
Corner Stones		04 00 00 Masonry	Segment	
Material	Corner Stones	04 00 00 Masonry	Material	
Jabor	Corner Stones	04 00 00 Masonry	Labor	
E : Decorative Stone		01 00 00 General Requirements	Count	
Material	Decorative Stone	01 00 00 General Requirements	Material	
Labor	Decorative Stone	01 00 00 General Requirements	Labor	
🖃 🏮 Utility Box Stone		01 00 00 General Requirements	Count	
Material	Utility Box Stone	01 00 00 General Requirements	Material	
Labor	Utility Box Stone	01 00 00 General Requirements	Labor	
🖻 🚦 • Pillar Cap		01 00 00 General Requirements	Count	
Material	Pillar Cap	01 00 00 General Requirements	Material	
Jabor	Pillar Cap	01 00 00 General Requirements	Labor	

Masonry Parts – Block

ame		Description	Division	Type	Co
Block				Folder	
Ar 🔁 🖯	rea Takeoff Parts			Folder	
-	2"W x 8"H x 16"L CMU Block		04 00 00 Masonry	Material	1
-	4"W x 8"H x 16"L CMU Block		04 00 00 Masonry	Material	
	6"W x 8"H x 16"L CMU Block		04 00 00 Masonry	Material	
-	8"W x 8"H x 16"L CMU Block		04 00 00 Masonry	Material	
	12"W x 8"H x 16"L CMU Block		04 00 00 Masonry	Material	
	#4 Rebar	16" O.C. Spacing, #4 Rebar, 0.668 LBS/FT	04 00 00 Masonry	Material	
-	#5 Rebar	16" O.C. Spacing, #5 Rebar, 1.043 LBS/FT	04 00 00 Masonry	Material	
	Type-N Mortar	80lb Bag, Type-N Mortar	04 00 00 Masonry	Material	1
1	Mason Sand	500 Bricks/Ton	04 00 00 Masonry	Material	1
8	Block Labor	Priced per Sq Ft	04 00 00 Masonry	Labor	
-0	Block Labor Hours	Priced per Hour	04 00 00 Masonry	Labor	
E Co La	near Takeoff Parts			Folder	
-	3"W x 8"H x 16"L CMU Block			Material	1
-	4"W x 8"H x 16"L CMU Block			Material	1
	6"W x 8"H x 16"L CMU Block			Material	
	8"W x 8"H x 16"L CMU Block			Material	
	12"W x 8"H x 16"L CMU Block			Material	
	#4 Rebar	16" O.C. Spacing, #4 Rebar, 0.668 LBS/FT	04 00 00 Masonry	Material	Π
-	#5 Rebar	16" O.C. Spacing, #5 Rebar, 1.043 LBS/FT	04 00 00 Masonry	Material	1
	Type-N Mortar	80lb Bag, Type-N Mortar	04 00 00 Masonry	Material	-
	Mason Sand	500 Blocks/Ton	04 00 00 Masonry	Material	
-2	Block Labor	Priced per Sq Ft		Labor	
1	Block Labor Hours	Priced per Hour		Labor	Γ
E Co	ount Takeoff Parts			Folder	
	8°W x 3°H x 4° L Steel Lintel			Material	
-	8°W x 3°H x 5° L Steel Lintel			Material	
	8"W x 3"H x 6" L Steel Lintel			Material	
	8"W x 3"H x 4" L Concrete Lintel			Material	Γ
- 1	Lintel Labor	Priced Each		Labor	1

Masonry Parts – Brick

lame		Description	Division	Type	Co
Brick	¢			Folder	
	Area Takeoff Parts			Folder	
-	3.62" D x 2.25" H x 9.62" L Modular Brick	-	04 00 00 Masonry	Material	
-	3.56" D x 2.25" H x 11.56" L Norman Brick		04 00 00 Masonry	Material	
	3.62" D x 2.25" H x 7.62" L Modular Paver		04 00 00 Masonry	Material	
-	4.00" D x 2.25" H x 8.00" L True Paver		04 00 00 Masonry	Material	
	Wall Ties	2.67 Sq Ft/Wall Tie, 500.00/Box	04 00 00 Masonry	Material	T
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
	Type-N Mortar	80lb Bag, Type-N Mortar	04 00 00 Masonry	Material	
	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	T
	Brick Labor	Priced per Sq Ft	04 00 00 Masonry	Labor	
-	Paver Labor	Priced per Sq Ft	04 00 00 Masonry	Labor	T
-	Brick Labor Hours	Priced per Hour	04 00 00 Masonry	Labor	T
-	Paver Labor Hours	Priced per Hour	04 00 00 Masonry	Labor	
BOL	Linear Takeoff Parts			Folder	
H	3.62" W x 2.25" H x 9.62" L Modular Brick		04 00 00 Masonry	Material	
	3.56" W x 2.25" H x 11.62" L Norman Brick		04 00 00 Masonry	Material	T
	Wall Ties	2.67 Sq Ft/Wall Tie, 500.00/Box	04 00 00 Masonry	Material	T
	Mason Sand	1000 Bricks/Ton	04 00 00 Masonry	Material	
	Type-N Mortar	140 Bricks/Bag	04 00 00 Masonry	Material	T
-	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	
	P Brick Labor	Priced per Sq Ft	04 00 00 Masonry	Labor	T
	Brick Labor Hours	Priced per Hour	04 00 00 Masonry	Labor	T
	Count Takeoff Parts			Folder	
-	3°W x 3°H x 4" L Steel Lintel			Material	T
-	3°W x 3°H x 5° L Steel Lintel			Material	
	3°W x 3°H x 6° L Steel Lintel			Material	
1	Ja Lintel Labor	Priced Each		Labor	T

Masonry Parts – Stone

ame		Description	Division	Type	Col
C Stor	ne			Folder	
80	Area Takeoff Parts			Folder	
-	Drystack Stone			Material	
	River Rock Stone			Material	
	Stone			Material	
-	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	
	Type-N Mortar	80lb Bag, Type-N Mortar	04 00 00 Masonry	Material	
	Metal Lath	Self-Furring 36"W x 100'L Roll(s)		Material	
	Drainage Mesh	4' x 50' Roll		Material	
-	Ledgestone Stone			Material	
-	/ Prep Labor	Priced per Sq Ft	07 00 00 Thermal and Moisture Protection	Labor	
	b Stone Labor	Priced per Sq Ft	07 00 00 Thermal and Moisture Protection	Labor	T
1	Stone Labor Hours	Priced per Hour	07 00 00 Thermal and Moisture Protection	Labor	
8 🔂 🗓	Linear Takeoff Parts			Folder	
H	Ledgestone Stone			Material	
	Drystack Stone			Material	
-	River Rock Stone			Material	
	Stone			Material	
	Type-S Mortar	80 lb, Type-S @ 1,800 psi strength		Material	T
	10' Weep Screed	Galvanized	07 00 00 Thermal and Moisture Protection	Material	
	Weather Barrier	1,295.67 Sq Ft/Roll	07 00 00 Thermal and Moisture Protection	Material	T
-	Drainage Mesh	4' x 50' Roll		Material	T
	Prep Labor	Priced per Sq Ft		Labor	
	🌽 Stone Labor	Priced per Sq Ft		Labor	T
- here	Stone Labor Hours	Priced per Hour	07 00 00 Thermal and Moisture Protection	Labor	
0	Count Takeoff Parts			Folder	
-	Sill Stone 4" x 30"			Material	
-	Utility Box Stone 9" x 12"			Material	
	Pillar Cap Stone 16" x 16"			Material	
-	Light Box Stone 9" x 12"			Material	
	Ja Stone Labor	Priced Each		Labor	

Masonry Parts – Lump Sum Parts

Vame		Description	Division	Type	Colo
-) 🗀 Lu	mp Sum Parts			Folder	
6	Scaffolding		04 00 00 Masonry	Equipment	
-1	Mixer		04 00 00 Masonry	Equipment	1
-10	Forklift		04 00 00 Masonry	Equipment	
-	Scissor Lift		04 00 00 Masonry	Equipment	1
-0	Paint		04 00 00 Masonry	Subcontra	
-0	Siding		04 00 00 Masonry	Subcontra	
-0	Soffit and Fascia		04 00 00 Masonry	Subcontra	
-0	Rain Gutters		04 00 00 Masonry	Subcontra	
-0	Insulation		04 00 00 Masonry	Subcontra	
-0	Concrete		04 00 00 Masonry	Subcontra	
	Weather Shield			Material	
-3	Labor		07 00 00 Thermal and Moisture Protection	Labor	
	Allowance		04 00 00 Masonry	Other	