

## Summerwood Construction Plans

### *Important General Information for all Sizes & Styles*

#### PLEASE READ FIRST



Thank you for purchasing a set of our customized building plans. Summerwood has a reputation for producing products of exemplary style and craftsmanship; every effort has been made to ensure that that same standard of excellence is evident in our plans. To ensure the success of project, please take the time to read through the important general information covered in this first document.

On behalf of everyone at Summerwood, thank you, have fun, and enjoy yourself. We look forward to seeing photos of the final product.

*Use in conjunction with these other documents:*

- Master plans and materials list for your chosen size & style.
- Plans and material lists for doors, windows, and other selected options.
- Detailed Assembly instructions.
- Helpful instructional video.

*Should you have any questions along the way please, please visit our 'plan support' area under the customer service link at [www.summerwood.com](http://www.summerwood.com).*

## \* Before You Begin \*

The following important features of our customer care program are outlined below.

- A. Customer Support
- B. Required Tools
- C. Helpful Construction Hints
- D. Photo Contest
- E. Referral Program
- F. Door and Window Options
- G. Things to Keep in Mind

### A. Customer Support

We're here to help along the way. There are two easy ways to reach us:

1. Check us out online at: [www.summerwood.com](http://www.summerwood.com) - (Customer Service >> Plan Support)  
You'll be able to find answers to questions you hadn't thought of yet...all posted in one place. And if you're still stuck, post your own question and our excellent support staff will respond promptly.
2. Give us a 1 800 663-5042 and one of our Technical Support representatives will be pleased to help you. Please note that we charge a fee of \$25 for this service.

<b>Customer Support Hours (E.S.T.)</b>	
<b><u>April 1 – Oct. 31</u></b>	<b><u>Nov. 1 – March 31</u></b>
Mon.-Thurs. 8am - 8pm	Mon.-Thurs. 9am - 5pm
Fri. 8am - 5pm	Fri. 9am - 5pm
Sat./Sun 9am - 5pm	Sat./Sun – (on line support only)

## **B. Required Tools for Your Structure's Shell**

The following list identifies all of the basic tools you'll need for the successful assembly of your garden structure's shell. It may be possible to build your structure without some of these tools, however it may prove to be more difficult and time consuming.

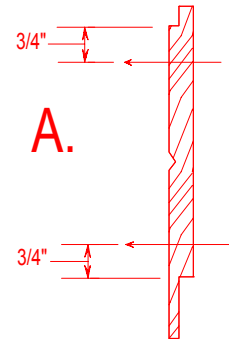
### **Your Tool Box**

- **Drill** - corded or cordless, (cordless being more convenient). Various screws are required and a hand screwdriver would be extremely time consuming.
- **Hammer** – A plain old hammer will do the trick.
- **Tape Measure** – No surprise here.
- **Hand Saw** – To cut all of your parts and ensure proper fits. A handsaw can be used for other applications as well (**Circular Saw**: faster and works better on certain materials such as plywood).
- **Utility Knife**: You'll need this to cut certain packaging, shingles, and ice & water shield (if used on your unit).
- **Level**: To ensure your unit is installed level and not on a slant or slope, 4' model works best.
- **Carpenters Square**: If any part of your structure is not square it may cause other parts to fit improperly.
- **Ladder**: You'll need one to reach the higher areas of your structure during assembly (roof etc) A second ladder would come in handy; as well as 2" X 12" lumber - that can be used as makeshift scaffolding.
- **Radial Saw**: will make short work of anything that needs to be cut.
- **Table Saw**: Trim and various other pieces may have to be "ripped" down; a table saw provides accurate cuts to make the job easier.

## C. Helpful Construction Hints

**1. Get Organized:** Our instructions are designed to be completed in stages; floor, walls, roof etc. To make assembly easier, after you have cut the majority of your parts, sort the materials into the appropriate stages of assembly. For example, layout out all of your floor parts in one area, do the same with your wall and roof parts (some trim parts will have to be cut during your assembly process to ensure proper fits). The more organized your work area, the smoother the construction phase will be.

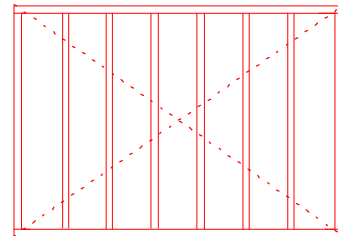
**2. Screwing And Nailing:** When you are ready to nail or screw parts together be careful not to do so too close to the edges or ends of the lumber (it may cause the lumber to split or crack). When nailing your cedar channel siding to the studs be sure to nail into the thickest part of the siding  $\frac{3}{4}$ " set in from the overlap and under lap will work. Figure A (be sure to check with siding manufacturer for installation instructions if using other siding material).



### **3. Squaring A Frame:**

After the assembly of your floors and walls and before you begin siding them you'll have to ensure your walls are square. Once you have the studs and plates attached, measure from corner to corner. If the frame is square, then these measurement will be equal. If they are not, push or pull the corners until the measurements become equal. Figure B.

**B.**



**4. Finishing:** All exposed parts of your new cabana should be treated with a minimum of 2 coats of a transparent natural or colored opaque finish (if you are using cedar siding) to extend the life of the siding.

**5. A Note About Pool Cabanas:** If you intend on using your structure as a pool cabana (as a facility to house gas fired pool equipment), be sure to consult your local gas service company before you assemble your structure. This will ensure that all clearances are adhered to, so that you can erect your roof without interfering with any possible heat stacking.

### **6. Actual Lumber Dimensions & Properties:**

This chart explains lumber dimensions, by name and actual size; planning at lumber mills reduces sizes. Please also remember that wood is natural and is prone to swelling and shrinkage, which should not pose a concern but some measurements may vary.

Referred to as:	Actual Size:
1 X " "	$\frac{3}{4}$ X " "
2 X 4	1 $\frac{1}{2}$ X 3 $\frac{1}{2}$
2 X 6	1 $\frac{1}{2}$ X 5 $\frac{1}{2}$

## **D. Photo Contest**

Get your name in lights! We are always on the hunt for photos and stories to feature on our website and in our brochure, and each year we hold a photo contest to recognize some of the best pictures. Simply send us a photo of your completed structure and be eligible to win one of three annual cash prizes. Progress shots are also great, and if there is a good story about what you are using your structure for, the problem that it's solving, or the fun your family had building it, please share it with us.

To make it even easier to win, we have included a disposable camera (along with a few tips) so that you can take those great pictures. If you have a pretty good camera of your own, use that and we'll have a courier pick up the film. For those of you equipped with a digital camera please submit photos to [design@summerwood.com](mailto:design@summerwood.com). To view the photos of past winners, simply log on to: <http://www.summerwood.com/photo-contest.html>.

## **E. Referral Program**

Tell a friend about us, and pickup a \$75 check for yourself (and a \$75 discount for them) if they purchase one of our kit products. To make this really easy we provide a form that you can fill out with your friends name, e-mail address and an optional message from you. Please visit: [http://www.summerwood.com/support/tellfriend.html?no\\_popup=1](http://www.summerwood.com/support/tellfriend.html?no_popup=1) to find out more!

## **F. Door and Window Options**

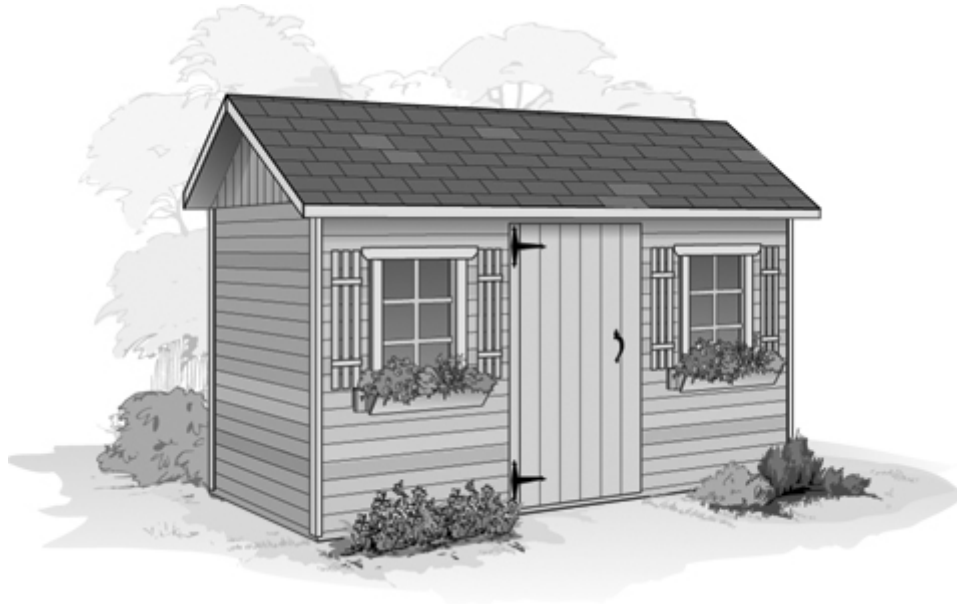
If you're interested in purchasing your doors and windows from us, simply complete the attached order form and fax it back. If you're more adventurous and would like to build you own doors and windows, you'll find enclosed the options that you have selected with a complete set of manufacturing instructions. If neither of these options appeal to you, purchase your doors and windows from a third party, but make sure that your openings are correct for proper fits.

## **G. Things to Keep in Mind:**

1. **Loads & Specifications:** Load calculations have not been included in these plans. If specific construction conditions must be met, to comply with the building codes in your area, please consult with your local building authorities before initiating construction of this project.
2. **Adaptations:** This plan has been prepared to conform to generally accepted construction practices within North America. However, because of variations in building codes, we cannot guarantee that our plans conform to the requirements in your area. Therefore, changes or alterations may be necessary to comply with the codes and regulations of your jurisdiction. *Changes to these plans in order to meet local building codes, are the responsibility of the builder.*
3. **Qualifications:** The enclosed construction plans are intended for use by an individual familiar with general construction methods and techniques. The builder should also be competent with the safe operation of tools and machinery required to construct such a building.
4. **Errors & Omissions:** Every attempt has been made to provide you with a set of plans that are error free. There will always exist the possibility of errors. It is important that the builder carefully review and check all details including dimensions and material quantities before construction. Responsibility for the interpretation of these plans lies with the builder. If errors are found, please report them to [plansupport@summerwood.com](mailto:plansupport@summerwood.com) and we will correct them promptly.

## SUMMERWOOD CONSTRUCTION PLANS

### Master Plan For Palmerston 10' x 14'



#### **What's Included in This Document**

This document takes you step by step through all the stages required to build 'the shell' of your structure. It provides many helpful tips and hints, gives you a detailed list of required materials, and of course, offers a master cut list and step by step instructions and drawings to make building your structure easy and fun. It does not cover door, window, or any other modifications or options.

#### ***Use in Conjunction with these Other Documents***

- Important general information for all sizes and styles - advice, details on customer care
- Option/Modification Instructions - material requirements, cut lists, and instructions for options and accessories (ie doors, windows, etc)
- Assembly Instructions – how to put it all together
- Instructional Video – if you really don't like to read

## > **START HERE**

This Plan contains the following components:

### **1. Required Supplies List**

This is a master list of all the supplies that you will require to complete your project. Be sure to refer to the ‘Materials Choices and Substitutions’ info below when considering your requirements.

*Note: The required supplies list ONLY includes the materials required to build your structure’s shell. Be sure to carefully amalgamate the supply lists of any of the options and modifications you selected (doors, windows etc.) before you complete the list. If you have purchased the **extra overhang** option this is particularly important due to the increased length of all studs.*

### **2. Master Material Cutlist**

The entire list of dimensioned components is provided in this section. It is divided into four sections: floor, trim, roof, and walls, to make it easy to follow. It also outlines how all the cut components relate to the required supplies list.

### **3. Step-By-Step Instructions and Drawings**

These are the actual instructions that take you through the cutting of each component, broken down into logical stages. Illustrations are presented to clearly indicate where each component is utilized. Frame details of each section are provided to assist you in bringing your materials and cut list into perspective. Please pay close attention to any notes or tips provided by the detailed drawings.

Note: If necessary, these drawings are generally acceptable as part of a permit application.

## **Important**

### **General Construction Notes (to be considered throughout this document)**

- Wall studs are placed every 16” on centre (OC)
- All dimensions are in inches unless specified otherwise
- When laying out walls that contain doors/windows, mark the spaces for the doors/windows first, then place the studs outside the window space so that they are spaced 16” OC or less.

### **Glossary of Construction Terms:**

- **Item #:** identifies each material component and where it is located on the drawings.
- **Item Name:** defines what the material is being used for.
- **No. of Pcs.:** the number of pieces of a certain material that are required in your unit.
- **Cut Lgth:** the actual length that a piece of material is to be cut to.
- **Size:** the quoted lumber size (i.e. 2 x 6 etc.).
- **Material:** the type of the material to be used for each part specified.
- **Qty.:** the number of units required of each item.
- **Lgth.:** The purchase length of the material.
- **Pcs./Lgth:** This is the number of pieces that can be cut from each purchase length.



# Construction Plan



<i>Required Supplies</i> .....	1
<i>Material Choices and Substitutions</i> .....	2
<i>Master Material Cut List</i> .....	3
<i>Step by Step Instructions and Drawings</i>	
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REQUIRED SUPPLIES: PALMERSTON 10'X14'

QTY	UNIT	SIZE	MATERIAL	LGTH.	NOTES
14	ea	1x6	Cedar	8'	
3	ea	1x6	Cedar	10'	
6	ea	1x6	Cedar	14'	
50	ea	2x4	Spruce	8'	
20	ea	2x4	Spruce	10'	
16	ea	2x4	Spruce	12'	
8	ea	2x4	Spruce	14'	
10	ea	2x6	Spruce	10'	
2	ea	2x6	Spruce	14'	
3	ea	2x6	PT	14'	
148	sq.ft.	5/8"	Spruce Plywood		5 - 4x8 sheets
192	sq.ft.	1/2"	O.S.B.		6 - 4x8 sheets
371	sq.ft.		Siding		Siding of your choice
9	bndles		Shingles		Asphalt Shingles
4 1/2	lbs	3"	Framing Nails		Galvanized Nails
11 1/2	lbs	2"	Siding Nails		Stainless steel for cedar Galvanized for Canexel
3 1/2	lbs	1"	Roofing Nails		Galvanized Nails
8	oz	1"	Screws		Zinc Plated Screws
2	lbs	3"	Screws		Zinc Plated Screws

The information given in the "NOTES" section are details on what Summerwood uses. If you are unable to obtain the same specifications you may find a suitable substitute.

# Material Choices & Substitutions

*Before you purchase the required materials, please read the following:*

## CHOICES

- **Siding:** We generally use two types of siding in the production of our products: cedar channel siding and Canoxel® wood fiber siding.
  - The cedar siding is 1" x 8" x 5/8" western red cedar channel Siding with either the rough or smooth side out. It covers approximately 6" per row and is a lovely material that has fairly widespread distribution.
  - The Canoxel wood fiber siding is 1" x 12" and it covers approximately 11" per row. It has a 15-year warranty and comes in a compelling range of colors with virtually no required maintenance.

Since there are many types of siding available, the only dimension you need to concern yourself with is the required square footage. If you decide to go with a vertical siding, and the plan you chose has horizontal, you will need to beef up the framing accordingly. Your local building supply store sales person will be more than happy to provide you with all the advice you need.

- **SHINGLES:** We offer both cedar and asphalt shingles with our kit products, but there are other choices. Whatever you choose, be sure to follow the installation instructions closely. Please refer to xxxxxx on our website to determine the quantity of shingles that you will require.

**For more information regarding any of the materials listed above, please visit the specifications section of our website.**

## UPGRADES

Take comfort in the knowledge that the materials in our plan are chosen for their appearance, versatility, and structural integrity. There are, however, alternatives. Below are upgrades that we offer in our kits, that you may also wish to consider when compiling your shopping list.. (See the options section of our site for more pictures and details).

### **Floor**

- **Sheathing:** We use sq. edge 4 x 8 x 5/8" spruce plywood sheets. You may want to upgrade to fir plywood, or consider a T & G pine or cedar for a different look.
- **Joists:** We use 2 x 4 spruce (with perpendicular 2 x 6 P.T. runners underneath). Although not necessary, some people prefer to go with P.T. for the joists as well.

### **Wall**

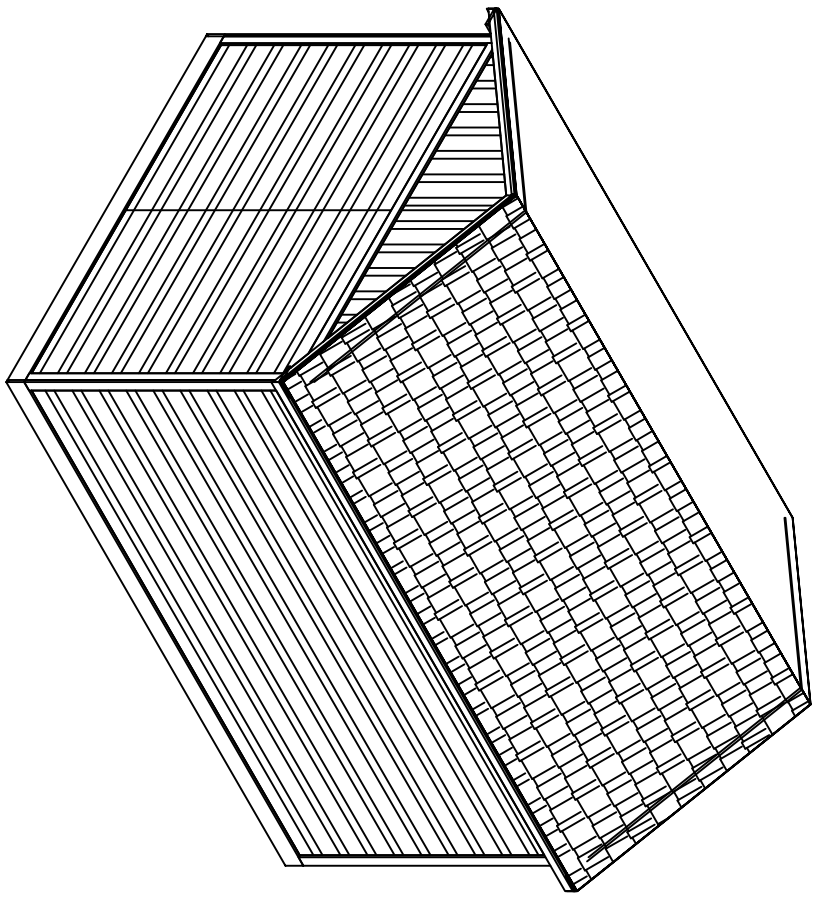
- **STUDS:** We use 2 x 4 spruce studs. If you love cedar or pine, consider upgrading.

### **Roof**

- **Sheathing:** We use 4 x 8 x 3/8" Aspenite or wafer board sheets. You may want to upgrade to spruce or fir plywood, or consider a T & G pine or cedar for a more finished appearance.
- **Trusses and rafters:** We use spruce (dimensions vary depending on size and style). Other materials such as pine or cedar may be preferred.

# 3D PROFILE: 10'x14' PALMERSTON SHELL

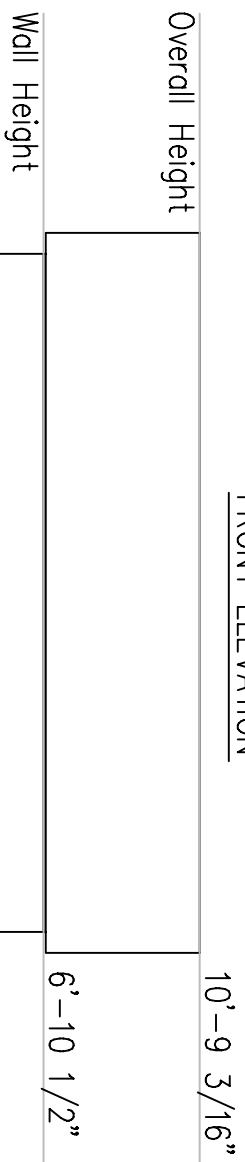
**Notes:**  
This is a three dimensional view of the building's shell.  
Doors and windows are not shown as their placement may vary from project to project.



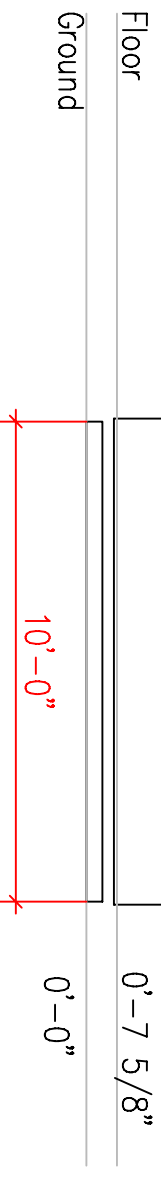
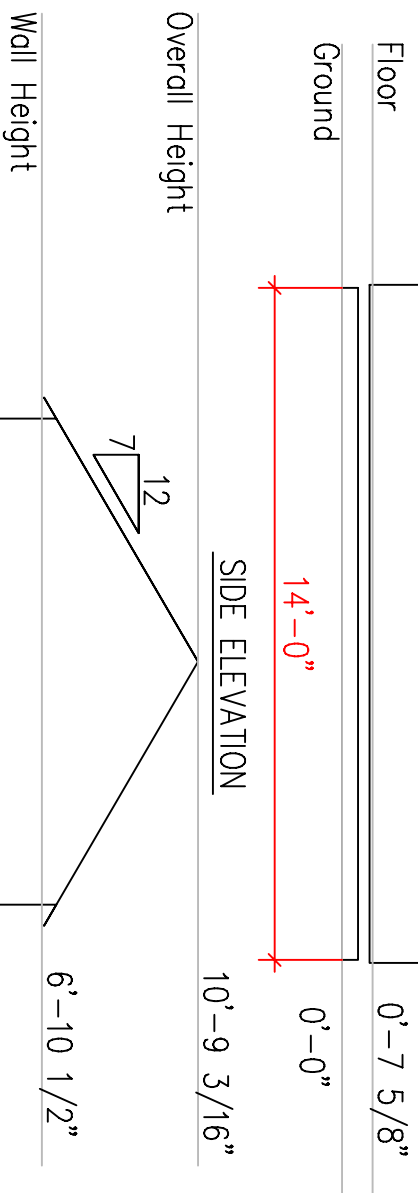
<a href="http://www.summerwood.com">www.summerwood.com</a>		<b>Summerwood PRODUCTS</b> A Division of Summerwood Outdoor	
<a href="mailto:plansupport@summerwood.com">plansupport@summerwood.com</a>			
<b>Project:</b> <b>STYLE: PALMERSTON</b> <b>SIZE: 10'x14'</b> <b>3D PROFILE</b>			
<b>Scale:</b> 1/4" = 1'	<b>Version No.:</b> 1.01	<b>Item No.:</b> PALM 10X14	

# ELEVATIONS

## FRONT ELEVATION



## SIDE ELEVATION

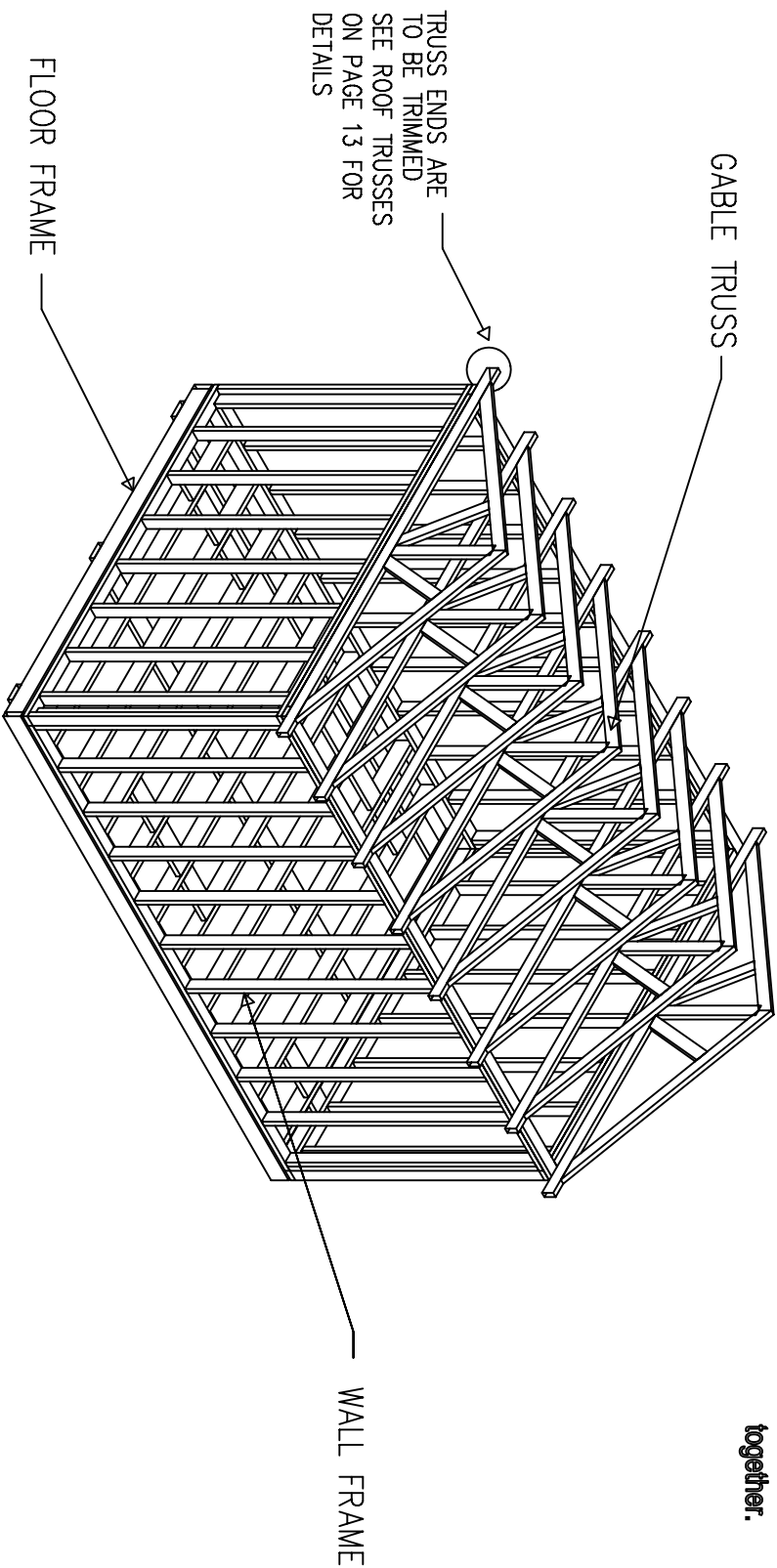


**Notes:**  
 These elevations indicate the overall dimensions of the unit when assembled. This drawing is useful for obtaining building permits and for landscape planning.

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<a href="mailto:plansupport@summerwood.com">plansupport@summerwood.com</a>			
<b>Project:</b> STYLE: PALMERSTON SIZE: 10'X14' ELEVATIONS			
<b>Scale:</b> 1/4" = 1'	<b>Version No.:</b> 1.01	<b>Item No.:</b> PALM 10X14	

# FRAME ASSEMBLY

**Notes:**  
 This is a three dimensional view of the framework of your building. It is meant to illustrate how the three main sub-assemblies (floor frame, wall frame and roof trusses) come together.



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Project: <a href="mailto:plansupport@summerwood.com">plansupport@summerwood.com</a>			
<b>STYLE: PALMERSTON</b> <b>SIZE: 10'X14'</b> <b>FRAME ASSEMBLY</b>			
Scale:	1/4" = 1'	Version No.:	1.01
		Item No.:	PALM 10X14

## Palmerston



**T**he following pages contain specific instructions on how to assemble your new Summerwood plans. Extensive diagrams, pictures and explanations are offered to make it simple (and fun) for those with little or no experience with a project of this nature. Please also take the time to review the video which is included. It provides useful tips and will save you time in the long run.

Have fun, and please don't forget to send a photo when you are all done!

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Palmerston

[www.summerwood.com](http://www.summerwood.com)  
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Version 1: 01/31/04

# Summerwood Plan Assembly Instructions



## Table Of Contents

1. Assembling floors
2. Wall framing and erection.
3. Truss assembly and roof detail.
4. Trim assembly and finishing.
5. Added options.

All details concerning windows and doors are included with the associated window and door packages.



# Summerwood Plan Assembly Instructions



## 1. Floor Assembly Instructions

The following instructions provide methods to install all of our 4 sided garden structure floors. Floors may vary in sizes and material, but the construction procedure remains the same.



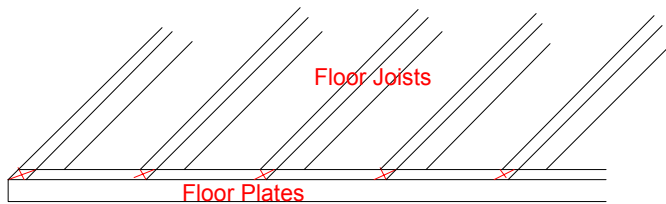
The following pages contain explicit instructions on how to assemble your Summerwood Cabana. Extensive diagrams and complete explanations are offered to make assembly easier.

## Floor Assembly Instructions

**B**egin by organizing all your floor parts, using a tape measure and your checklist, separate your floor plates from the floor joists, you will also need your pressure treated 2X6 which will serve as runners

### 1.

Lay your floor out the way it will be nailed together, lining your joists up with the marks on your plates. Use a tape measure and mark every 16", then mark left  $\frac{3}{4}$ ". Your joist will be centered on 16"



### 2.

Use two 3" nails for each joint, lining each joint with the marks. Be sure your plate and joists joints are flush on all edges.



# Summerwood Plan Assembly Instructions



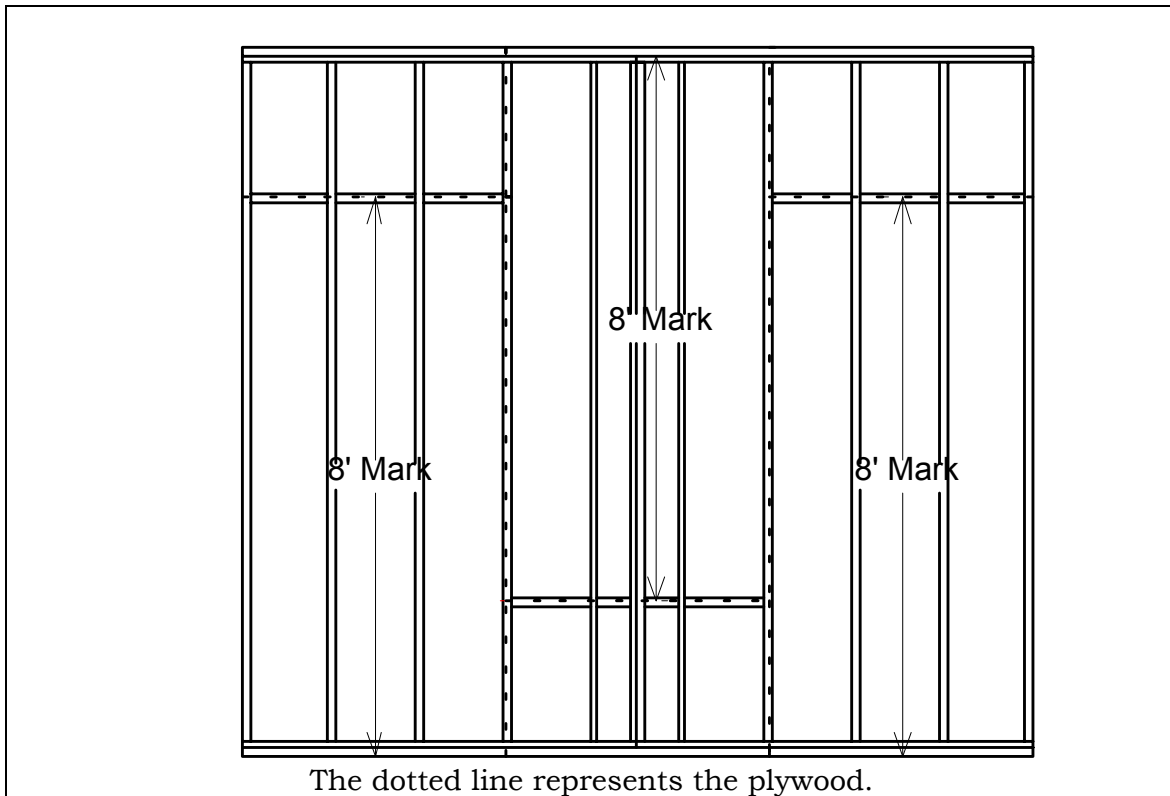
**6.**

Typically, you would want your floor to rest on a solid foundation. This can be achieved by pouring concrete footings or by using the easier and more cost efficient patio stones. The stones are placed under the 2x6, usually 3' apart. Stones can be purchased locally. (E.g.: if your pressure treated lumber is 12' long, 3-4 patio stones will work, this is per runner.)  
\*Check local codes\*



**7.**

# Summerwood Plan Assembly Instructions



Your floor is complete, let's move onto your walls!

## 2. Wall Assembly Instructions

The following instructions provide methods to install all of our Cabana Walls. Walls may vary in sizes and material, but the construction procedure remains the same.



## Summerwood Plan Assembly Instructions



The following pages contain explicit instructions on how to assemble your Summerwood Cabana. Extensive diagrams and complete explanations are offered to make assembly easier.

### **Wall Assembly Instructions**

Lay all your studs into one pile, separate your top and bottom plates, and divide all your siding into piles according to lengths. Your floor can serve as a level work surface to build your walls on.

**1.**

## Summerwood Plan Assembly Instructions



### 16.

While you drive in the screws, have a friend on the opposite side of the wall pushing the bottom of the wall in towards you, making sure the wall is tight to the floor. Be careful not to knock the walls out of square when doing so.



### 17.

You're done! The walls that is, there's still lots left to do. Now you can sit back have a look at what you have accomplished so far, have a drink and prepare yourself to get started on the roof.

## Summerwood Plan Assembly Instructions



### 3. Gable Roof Assembly

The following instructions provide methods to install all of our Cabana gable Roofs. Roofs may vary in sizes and material, but the construction procedure remains the same.



The following pages contain explicit instructions on how to assemble your Summerwood Cabana. Extensive diagrams and complete explanations are offered to make assembly easier.

# Summerwood Plan Assembly Instructions



## 4. Trim Assembly Instructions

The following instructions provide methods to install all of our Cabana Trim. Trim may vary in sizes and material, but the construction procedure remains the same.

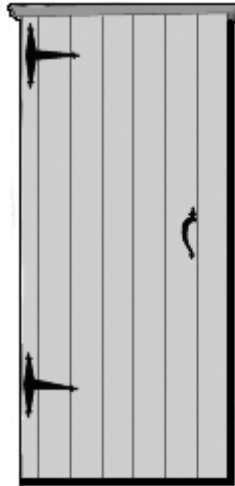


The following pages contain explicit instructions on how to assemble your Summerwood Cabana. Extensive diagrams and complete explanations are offered to make it easier to assemble.



## *Summerwood Construction Plans and Assembly Instructions*

### **D1 Door – Manufacturing, Assembly and Hanging Instructions**



#### **What's Included in This Document**

This document takes you through all the stages required to build a D1 door for your structure. It provides a list of tools required to build your door, manufacturing instructions (how to build the door), framing instructions, a detailed cutlist and door hanging instructions. The drawings included provide clear and concise measurements to help you the building process.

#### ***Use in Conjunction with these Other Documents***

- General Introduction - advice, details on customer care
- Option/Modification Instructions - material requirements, cut lists, and instructions for shell, other options and accessories (ie, windows, etc)
- Assembly Instructions – how to put it all together
- Instructional Video – if you really don't like to read

## > START HERE

This Plan contains the following components:

### 1. Tools Required for Window Manufacture and Assembly

The following list identifies all of the basic tools you'll need for the successful assembly of your door.

#### Your Tool Box

- **Drill** - corded or cordless, (cordless being more convenient). Various screws are required and a hand screwdriver would be extremely time consuming.
- **Hammer** – A plain old hammer will do the trick.
- **Tape Measure** – No surprise here.
- **Hand Saw** – To cut all of your parts and ensure proper fits. A handsaw can be used for other applications as well (**Circular Saw**: faster and works better on certain materials such as plywood).
- **Utility Knife**: You'll need this to cut certain packaging, shingles, and ice & water shield (if used on your unit).
- **Level**: To ensure your unit is installed level and not on a slant or slope, 4' model works best.
- **Carpenters Square**: If any part of your structure is not square it may cause other parts to fit improperly.
- **Radial Saw**: will make short work of anything that needs to be cut.
- **Table Saw (with a Dado blade, a Kerf blade and a Standard Rip blade)**: Trim and various other pieces may have to be "ripped" down; a table saw provides accurate cuts to make the job easier.
- **Router**: You'll need this to make joints and cut out grooves (only on "standard" doors)

### 2. Manufacturing Cutlist

This is a list of all the supplies that you will require to build your door. Be sure to incorporate it into your required supplies list when purchasing all of the material.

*Note: This list ONLY includes the materials required to build your door. Be sure to carefully amalgamate the supply lists of any of the options and modifications as well as the shell before heading to the lumberyard.*

### 3. Manufacturing Instructions

Illustrations are presented to clearly indicate where each component is utilized on the door. They include exact dimensions and measurements to help you assemble your door.

## **4. Framing Instructions**

These instructions will show you how to integrate your door into the shell of a structure you have built. Exact cuts and measurements are illustrated for placement of your door.

## **5. Door Hanging Instructions**

Once you have built and framed your door, you are ready to hang it...perhaps the easiest stage of the door building process. The helpful tips included in this section will help you hang your door with ease.

## Door Hanging Instructions

The following instructions provide methods to install all of our garden structure doors. Doors may vary in sizes and material, but the installation procedure remains the same.



The following pages contain explicit instructions on how to assemble your Summerwood Cabana. Extensive diagrams and complete explanations are offered to make it simple for those who have little or no experience with a project of this nature.

# Summerwood Plan Assembly Instructions

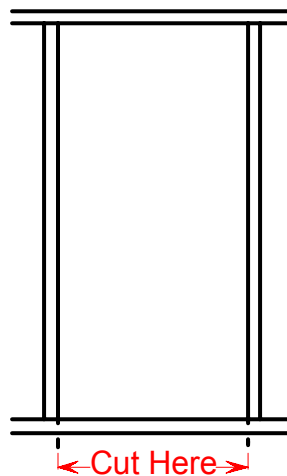


## Installing Doors - Standard

We offer a variety of doors, although the doors may be different, they are installed similarly. You will need exterior hinges, a thumb latch and a barrel bolt. We suggest following the detailed instructions that are written on the packaging of the hardware. Hardware can vary and the choice is up to you, read the instructions before you purchase your hardware. Using your checklist, separate the door and trim parts.

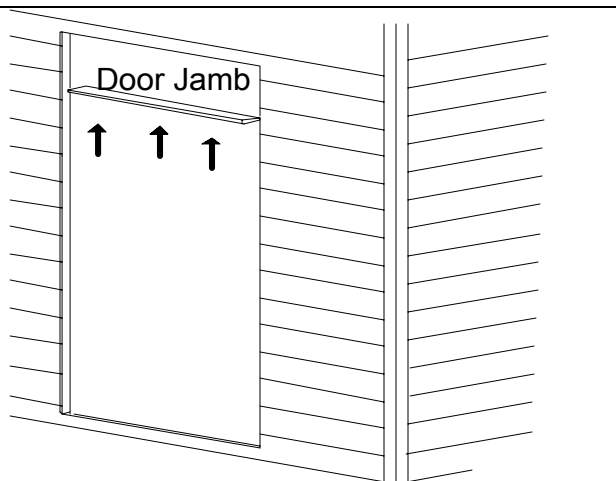
### 1.

Once your structure has been assembled, begin installing your door and trim. The 1<sup>st</sup> step is to use a handsaw to remove the threshold (located on the bottom of the door opening) Be sure your walls have already been secured to the floor.



### 2.

Identify your door jambs, (1-top & 2 side) On your floor begin to assemble these pieces using 2-2" nails on each joint. The top jamb is nailed into position first, use 2" nails (approx every 12") and nail your top jamb into place.

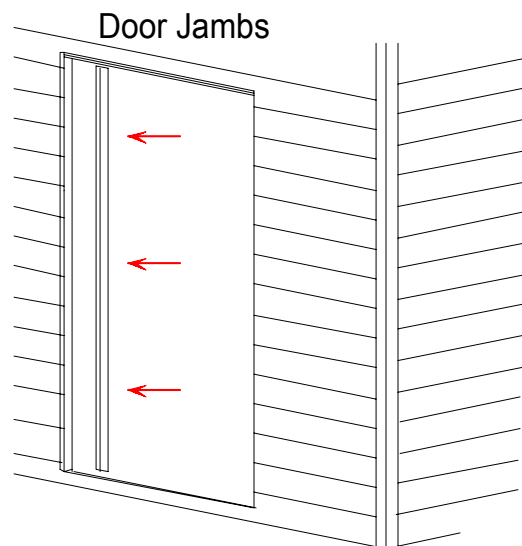


## Summerwood Plan Assembly Instructions



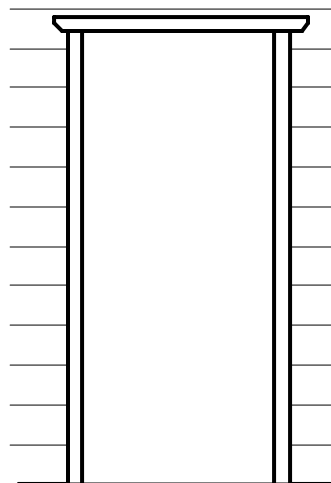
### 3.

Next secure your side jambs, they should fit tight. Also, be sure that when your jambs are in place and ready to be nailed, that the edge of the jamb comes out and is flush with the siding of the wall. This is important, otherwise the rest of trim will not fit properly. Use 2" nails approx. every 10-12"



### 4.

Bring your outside door trim to the edge of the door jambs, it should be back from your jambs about 1/8". The top of the trim should go slightly past the upper jamb, no more than an 1/8". Lastly, center your top door trim over your door. Be sure your trim doesn't interfere with your opening door. Use 2" nails to secure trim, nail trim into jambs directly.

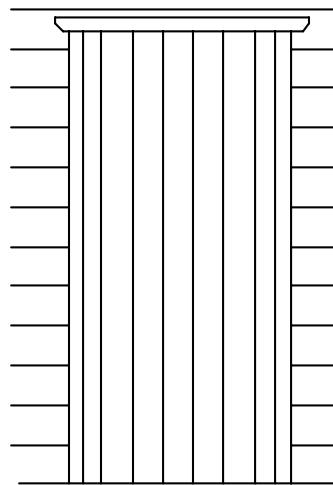


## Summerwood Plan Assembly Instructions



### 5.

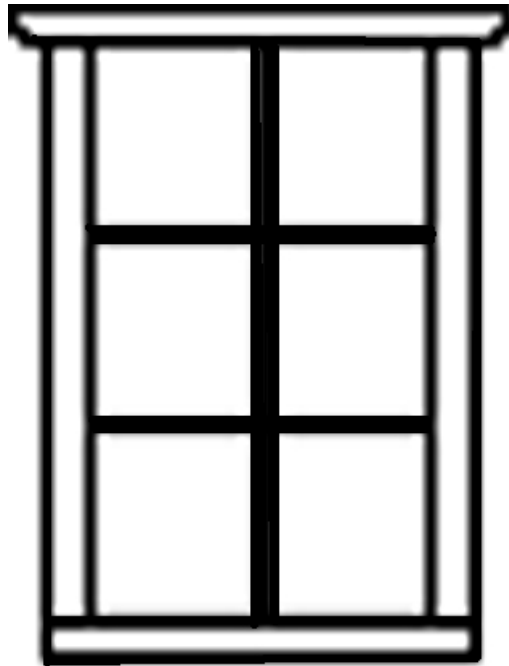
Place your door into the opening. Use shims under the bottom to hold the door slightly off the floor. Use a couple of 2" nails to hold the door into position while you install the hardware. Our hardware manufacturers can vary, so we recommend following the directions of installation included on the packaging of the hardware we have supplied.



That's it! Your cabana is complete, don't forget to stain or paint your structure to keep it looking great for years to

## *Summerwood Construction Plans and Assembly Instructions*

### **W1 Window – Manufacturing, Assembly and Installation Instructions**



#### **What's Included in This Document**

This document takes you through all the stages required to build a W1 window for your structure. It provides a list of the tools required to build your window, a glossary of terms describing the window components, manufacturing instructions (how to build the window), framing instructions, a detailed cutlist and window installation instructions. The drawings included provide clear and concise measurements to help you through the building process.

#### ***Use in Conjunction with these Other Documents***

- General Introduction - advice, details on customer care
- Option/Modification Instructions - material requirements, cut lists, and instructions for shell, other options and accessories (ie, doors, etc)
- Assembly Instructions – how to put it all together
- Instructional Video – if you really don't like to read



## > START HERE

This Plan contains the following components:

### 1. Tools Required for Window Manufacture and Assembly

The following list identifies all of the basic tools you'll need for the successful assembly of your window.

#### Your Tool Box

- **Drill** - corded or cordless, (cordless being more convenient). Various screws are required and a hand screwdriver would be extremely time consuming.
- **Hammer** – A plain old hammer will do the trick.
- **Tape Measure** – No surprise here.
- **Hand Saw** – To cut all of your parts and ensure proper fits. A handsaw can be used for other applications as well (**Circular Saw**: faster and works better on certain materials such as plywood).
- **Utility Knife**: You'll need this to cut certain packaging, shingles, and ice & water shield (if used on your unit).
- **Level**: To ensure your unit is installed level and not on a slant or slope, 4' model works best.
- **Carpenters Square**: If any part of your structure is not square it may cause other parts to fit improperly.
- **Radial Saw**: will make short work of anything that needs to be cut.
- **Table Saw (with a Dado blade, a Kerf blade and a Standard Rip blade)**: Trim and various other pieces may have to be "ripped" down; a table saw provides accurate cuts to make the job easier.
- **Router**: You'll need this to make joints and cut out grooves
- **Staple Gun**: You'll need to staple some pieces together

### 2. Manufacturing Cutlist

This is a list of all the supplies that you will require to build your window. Be sure to incorporate it into your required supplies list when purchasing all of the material.

*Note: This list ONLY includes the materials required to build your window. Be sure to carefully amalgamate the supply lists of any of the options and modifications as well as the shell before heading to the lumberyard.*

### 3. Glossary of Terms

- **Box Frame**: the outer edge of the window
- **Window Boxes**: the inner window frame of the opening windows
- **Muttins**: Decorative trim on the outside of the window (runs vertically and horizontally)
- **Top and Bottom Casing**: The trim that covers the gap between the window and the framework
- **Side Casing**: The trim that covers the gap between the window and the framework

- **Glass Stop (Horizontal and Vertical):** the strips of wood that hold the glass pane in place
- **Window Stops:** The inner window trim on opening windows that stop the window from closing too far
- **Astragal:** The trim that covers the gap between two opening windows
- **Screen Stop:** holds screens in place
- **Operator Cap:** Covers window crank mechanics, leaving actual crank operable

#### **4. Manufacturing Instructions**

Illustrations are presented to clearly indicate where each component is utilized on the window. They include exact dimensions and measurements to help you assemble your window.

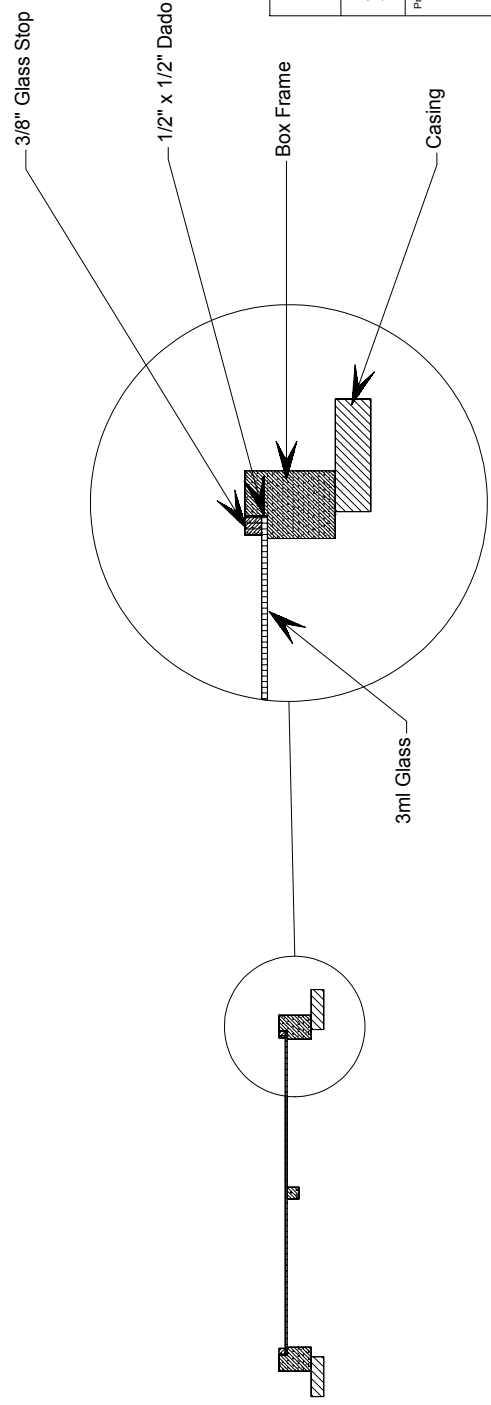
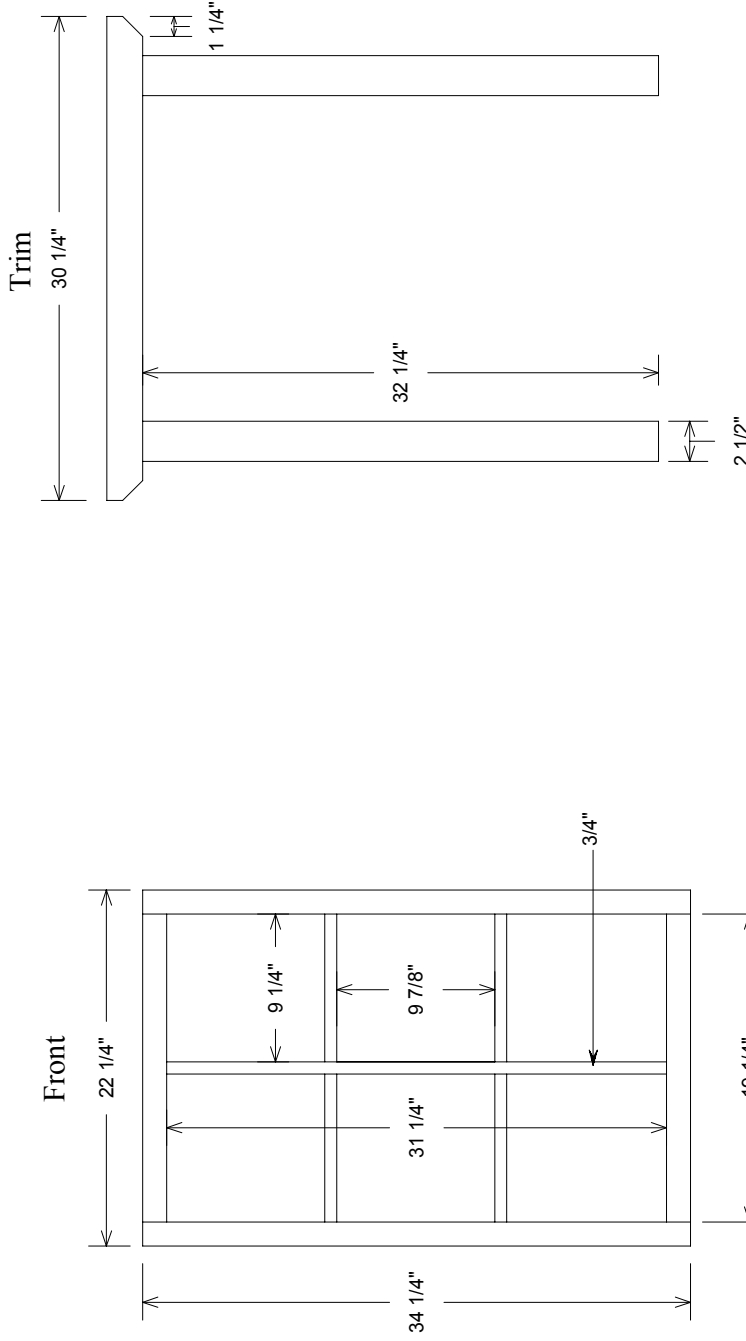
#### **5. Framing Instructions**

These instructions will show you how to integrate your window into the shell of the structure you have built. Exact cuts and measurements are illustrated for placement of your window.

#### **6. Window Installation Instructions**

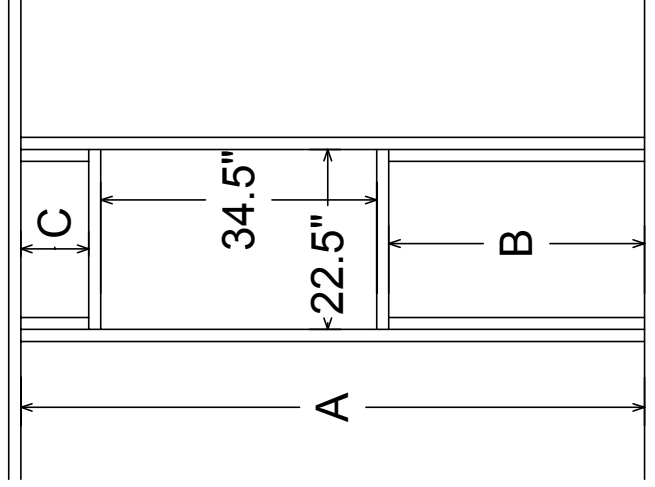
Once you have built and framed your window, you are ready to install it...perhaps the easiest stage of the window process. The helpful tips included in this section will help you install your window with ease.

# Manufacturing Instructions: W1 Window



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plansupport@summerwood.com	
Project: W1 Window Manufacturing Schematics Box Size = 22 1/2" x 34 1/2"	
Scale: 1/2" = 1'	Item # W1 / 04 Version # 1.01

# Framing Instructions: W1 Window



## Framing Variations

	A	B	C
Stud Length	78"	32"	8 1/2"
Cripple Stud (bottom)	84"	38"	8 1/2"
Cripple Stud (top)	96"	38"	20 1/2"

Note: If builder intends to alter height of the studs other than parameters given, it is the responsibility of the builder to make correct adjustments.

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plansupport@summerwood.com	
Project:	W1 Window Manufacturing Schematics R/O = 22 1/2" x 34 1/2"
Scale:	1/4" = 1'
Item #	W1 / 04
Version #	1.01

## Summerwood Plan Assembly Instructions

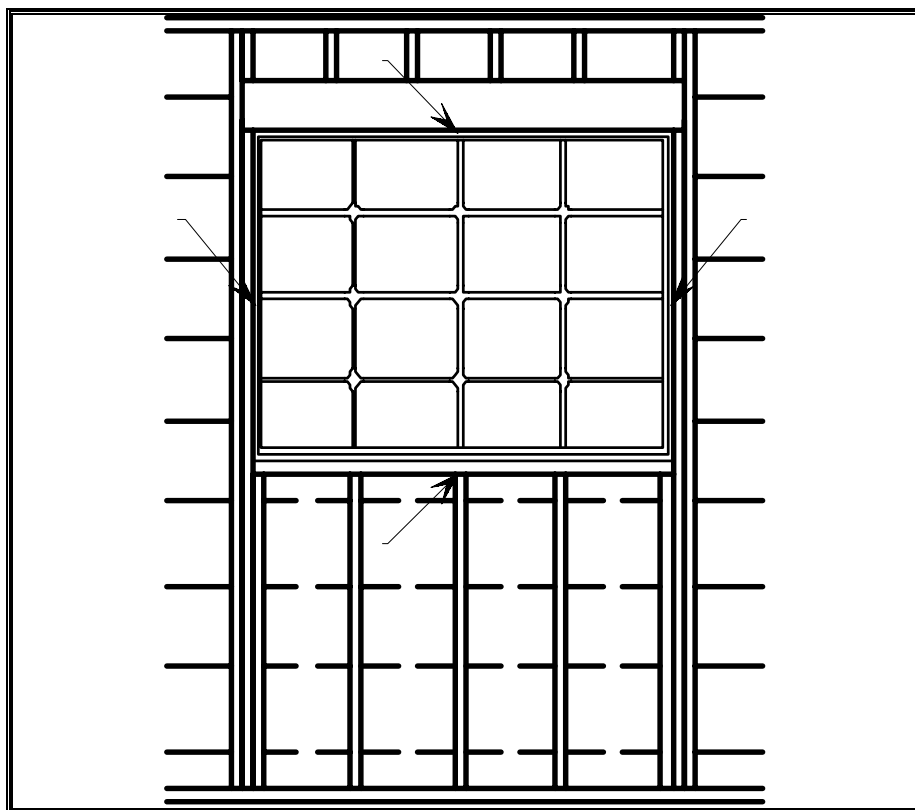


### Installing Windows

Installing windows is quite simple. It helps to have someone assist you when you are ready to install. Have someone stay on the outside of the building, if it's a large window it's probably safer to have two people lift the window into place. One person should remain on the outside to hold the window tightly into place. No leveling is required, simply insert the window into the opening. From the inside of the building, using three inch screws, screw through the outside of the frame and into the window. Typically, screw at a 45\* angle to avoid hitting the glass. Always be sure your screw does not make contact with the glass.

Smaller windows only require one screw per side, larger windows should receive 2 per side.

A caulking or insulating foam may be used between the window and the frame, contact local building suppliers to find out what will work best in your area.



Follow the arrows when securing your windows.

**Note:** If your window includes a flower box, simply center it under your window and use 2 screws to secure it to the wall, likewise with non-functional shutters. Screw from the inside of the building if you would rather hide the screws.