

## Simple-Versatile-Budget Friendly

### Understanding *The Woody Log Building System*<sup>™</sup>

**Simple-** The Woody revolutionary “Phase” method of knowing log building costs.

**Versatile-** Windows and doors can be placed in any “bay “ and interior walls can be located anywhere on the interior of the Woody.

**Budget Friendly-**Perfect for the “Do It Yourselfer” or those of you who want to do only certain aspects of the construction. When you place the log, the exterior wall is completed on the outside, inside, and all wiring outlets are pre-drilled.

### 3 Simple steps to your dream log cabin



1. Select a **Woody** model with a floor plan that meets your needs.
2. Get an immediate estimated material cost using our “Phase” method of construction.
  - Phase 1-The Log Shell-** Exterior log walls are complete and the timber rafters are in place.
  - Phase 2-All building materials to “Dry In”-** Insulated, weather tight, secure and complete on the outside.
  - Phase 3-** The interior finishing materials to complete the inside and make the cabin “move in” ready.
3. Final Design-Work with a factory designer to finalize all window, door and wall locations.

#### Advantages-

##### Real Log Walls

Heavy duty 8”x8” solid walls logs ensure against air infiltration and are ICC code compliant. Don’t be fooled by smaller logs, they may not meet general building codes.

##### Window and Door Placement

You can locate windows and doors in any bay during installation even after the building is designed. Our exclusive *Woody Log Building System*<sup>™</sup> allows for job site changes without incurring added costs. Our system gives you the flexibility to capture certain outside views that you did not know would exist during the planning stage. Most of our clients make changes “on the fly” because once you stand on the floor deck and start to look at the scenery outside of your future cabin, the anticipated views can take on a whole new look. Moving a window or a door by just one “bay” can make all the difference in the world. All Woody cabin parts are interchangeable, making the relocation of windows a snap.

##### Interior Wall Placement

The Woody Log Building system allows for the interior wall placement to be as flexible as your imagination dictates. You will work with our factory designer to get the wall placement pre-located. Again, the Woody system allows for interior walls changes during the build process. Our exclusive “free span” log building design allows for this incredible advantage.

##### Lofts, Extra Storage

Most Woody models can include lofts over the bedrooms and bathroom to give you that always welcome extra storage space. You can build a smaller cabin and still get bonus space via the loft.

##### Extra Tall Roof Structures

The impressive 7/12 standard roof pitch creates ceiling space that gives a vast feeling of openness making the interior of even a smaller cabin truly awesome.

##### Don’t see a floor plan you like?

Our Woody log building versatility allows you to design the Woody anyway and any size you like. From a 100 sq.ft. storage shed to a 10,000 sq.ft., 3 story club house we recently sent to China!

## Woody Brand Log Cabins/Homes Affordable-Versatile-Ingenuous

You are about to explore the simplest, most versatile, log building system available anywhere on earth! **The WOODY Log Building System**<sup>™</sup> designed, patent pending and manufactured by *Cabintek*, and distributed by Menards. Explore the Woody Log Building System. Simplicity that makes your cabin dream a reality.

### Question to get started

- What is the Cabins use? (year round home, vacation cabin, back yard seasonal room, bunk house)
- Determine a budget. (Are you a “do it yourselfer”? We can help maximize your budget.)
- Select a design “footprint” that meets your dreams. (Single story, 2 story or multi story)
- Determine the number of bedrooms and bathrooms.
- What is your building time frame? (ASAP, a year or two away. Costs change over time)
- Are utilities available to the land? (water, electricity, natural gas, sewer or septic)
- Determine the foundation style. (Full basement, crawl space, concrete slab, on piers)

### Why are these questions important?

We have been involved in log construction for years. We understand that building with logs can be a confusing undertaking but is also incredibly exciting. Our years of experience will help you navigate these unfamiliar waters. The design and budgeting process will take some time but *The Woody System* will clarify the process. We have isolated certain costs into **Phases** to ease the understanding of how building costs are determined.

### What factors drive my building cost besides building size?

- **Foundation:** The style of the foundation selected is important in determining final building cost.
- **Phase 1:** The exterior log walls (Unlike traditional buildings we need real logs to build a log building.)
- **Phase 2:** General building materials ( Materials to get the building “dried In”. See dry in definition.)
- **Phase 3:** Interior finishing materials (Selection dependent costs ie: cabinets, doors, fixtures, etc.)
- **Construction Assistance:** This cost will vary depending on “do it yourselfer” or hiring a contractor.

Once you have reviewed the information included in this packet and established a starting point ,we will introduce you to your personal Cabintek consultant. Together with our design department and your Menards team representative, we will make your dream a reality. A unique partnership with Menards allows you incredible access to the world of building with logs from putting the first shovel in the ground to moving in. Together we can help make your cabin dream a reality in your time frame and on budget. This consultation is **free**.

**Get that cabin dream started today for move in soon**



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## An explanation of the Construction Materials Phases

### **Phase 1-The log kit materials included in the Woody Phase 1 Log Kit**

**The Logs-** Included are the required, specialized cut to length, solid exterior wall logs and log columns. The wall logs are solid 8"x8"x48" logs that are double tongue and grooved so that when stacked together they make an impervious seal from the outside weather. The exterior walls also use vertical 8"x10"x90" solid logs that are designed to carry the roof and second floor loads. These vertical logs also are grooved to fit a mating groove on the horizontal walls logs that are stacked perpendicular to the vertical column. The Woody kit logs are kiln dried pine and require no cutting. They will fit with precision to the mating part. When the logs are stacked together, the exterior wall is completed on the outside and inside of the building. Specially machined logs are included for the window and door areas. No cutting required!

**The Rafters-** Massive 3"x12" timber rafters are pre-cut. They fit together precisely and create an awesome interior appearance. The 7/12 roof pitch insures an inspiring feel inside the log cabin as well as creating extra space in loft areas. Decorative tie rafter hardware and bolts insure a structurally strong rafter assembly capable of carrying most normal roof loads.

**Flashing-** Pre-bent and cut to length flashing is included for all window, foundation and gable area flashing requirements.

**Gable Framing-** The gable rough framing material is pre-cut and ready to install.

**Hardware and Sealants-** All hardware including "up lift" restraint hardware is included along with the required sealants required to insure an energy efficient log building.

**Building Blueprints-** Personalized construction blue prints suitable for obtaining building permits (if required) are included for our standard Woody models. Once you have selected a Woody model, you will work directly with one our Cabintek *Woody* designers to finalize foundation selection, outside grade levels and final window, door and interior wall locations. The Woody Log System allows for complex customization. There maybe additional charges for significant design changes. If applicable, you will discuss this with your designer. Fully illustrated assembly instruction are included as well as factory direct technical support.

### **Phase 2- The "Dry In" Materials**

"Dry In" means that the Woody cabin is completed on the outside including windows and doors. It also includes the interior ceiling tongue and groove pine finish materials. The roof is complete with R-38 insulation and the outside gable areas are insulated and sided.

The interior frame wall material is included in the Phase 2 material package. **As part of the dry in phase a wooded floor deck is available. Roofing and window colors and window sizes need selection.** When the Phase 1 and Phase 2 materials are installed, your building will be totally secure, cozy and ready for the interior finishes and subcontractors. Exterior staining materials are not included in the "Dry In" material package.

### **Phase 3- The Interior Finishing Phase**

For your convenience, we have also developed for our standard models a list of materials including cabinets, doors, tops, plumbing, fixtures, electrical fixtures, outlets and wall coverings. Use this guide for final selections and the cost estimation for budgeting purposes.

Pick a *Woody* model and use the available technical data listings to accurately estimate the material cost of your dream cabin. Custom log cabins and homes are also available.

## Starters: The Foundation and Wooden Floor Deck



**Installing a full basement foundation**

### The Building Foundation

A foundation of some type is required prior to the installation of the wooden floor deck. The foundation generally is in place before the building arrives. A wooden floor deck will be required unless the Woody is built on a concrete slab which in many cases is heated with hot water tubing. You can work with the Cabintek designers to determine the best foundation design for you. **The foundation is not included in the Woody Kit.**

Materials required for the first floor wooden deck placed over the foundation  
See: **Estimated materials for crawl space or full basement** in the technical data sheets.  
Specify model.



Installation of a wooden floor deck on a **Woody Bear Den** lake front cabin.

Always verify the material list **After** the construction blue prints are completed.

### NOT TO WORRY!

You will work directly with one of our Woody designers. They will walk you through the entire foundation design process. This service is provided as part of our uniquely personalized Woody building process.



## What's Included in the Phase 1 material package? *In order to build a log cabin you need to start with the log shell.*

### **Phase 1-The log kit materials that are included in the Woody Phase 1 log kit (log shell).**

**The Logs-** Included are the required specialized cut to length solid exterior wall logs and log columns. The wall logs are solid 8"x8"x48" logs that are double tongue and grooved so that when they are stacked together they make an impervious seal from the outside weather. The exterior walls also uses vertical 8"x10"x90" solid logs that are designed to carry the roof and second floor loads. These vertical logs also are grooved to fit a mating groove on the horizontal walls logs that are stacked perpendicular to the vertical column. The Woody kit logs are kiln dried pine and require no cutting and will fit with precision to the mating part. When the logs are stacked together the exterior wall is completed on the outside and inside of the building. Specially machined logs are included for the window and door areas.

**The Rafters-** Massive 3"x12" timber rafters are pre-cut that fit precisely together and create an awesome interior appearance. The 7/12 roof pitch insures an inspiring feel inside the log cabin as well as creating extra space in loft areas. Decorative tie rafter hardware and bolts insure a structurally strong rafter assembly capable of carrying most normal roof loads.

**Flashing-** Pre-bent and cut to length flashing is included for all window, foundation and gable area flashing requirements.

**Gable framing-** The gable rough framing material is pre-cut and ready to install.

**Hardware and sealants-** All hardware including "up lift" restraint hardware is included along with the sealants required to insure an energy efficient log building.

**Building Blueprints-** Personalized construction blue prints suitable for obtaining building permits, if required, are included for our standard Woody models. Once you have selected a Woody model you will work directly with one our Cabintek *Woody* designers to finalize foundation selection, outside grade levels and final window and door "Bay" locations.

For an exact materials listing for Phase 1 log shell kit see:

**Woody Log Cabin Bill of Materials Phase 1** in the technical data sheets (specify model).



## What's Included in the Phase 2 material package? The “Dry In” materials: lumber, windows and insulation.

**Phase 2- The “Dry In” materials (We provide cost estimates for this material and also the list for local bidding.)**  
“Dry In” means that the Woody cabin is completed on the outside including windows, doors and asphalt roofing. The required floor deck material and the interior ceiling tongue and groove pine materials are included. The roof insulation system includes a standard rafter over lay system with R-38 insulation including code required venting and roof sheathing. The gable end siding, insulation and flashing materials are included as well as the loft materials in the Phase 2 material package. The interior frame wall material is also included in the Phase 2 material package. Roofing and windows (colors will need to be selected) are included in the Phase 2 material package. When Phase 1 and Phase 2 materials are installed, your *Woody* log cabin will be totally secure, cozy and ready for the interior finishes. Exterior staining materials are not included in the phase 2 material package but recommendations are available.

### Phase 2-Materials required for “Dry In” in the technical data sheets (specify model)



Interior rough walls for a custom 2-story Bob Cat model



The Phase 2 ceiling finish knotty pine boards are installed over the 3x12 rafters included in the Phase 1 log shell kit



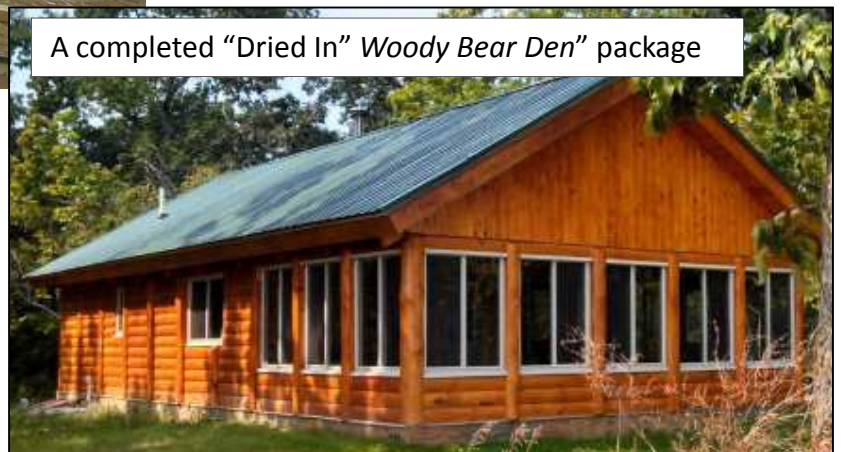
Rafters and roof insulation



Loft materials



A corner window with sill



A completed “Dried In” Woody Bear Den” package

## What's Included in the Phase 2 material package? The "Dry In" materials: windows, doors and roofing.

Any style standard size windows shown in the table below can be chosen for any "Bay" location. Your Woody factory designer will work with you to determine final window locations and sizes. The floor plan for the model of your choice shows the number of windows included in the Phase 2 "Dry In" kit. Custom size windows and unique window specifications are possible in any location by working with your Woody designer. See the technical data sheet: **Estimated exterior doors, windows and screens.** See the specific Woody model plan for window size and quantity included in the "Dry In" Phase 2 listing.

**\*\*NOTE\*\*** The dimensions for our standard window installation design are the measurements shown below which are "TIP to TIP" "new construction" windows with a nailing fin. This is important for the correct window fit. Call for details if necessary.

Standard window size chart-TIP to TIP				
Single Hung	Sliding	Standard Woody Window Schedule		
		Width "	Height"	Location
	1AW	47 7/8	14 1/4	Shower
	2AW	47 7/8	21 3/4	Bunk Room
9SH	3S	47 7/8	29 1/4	Bathroom
10SH	4S	47 7/8	36 3/4	Kitchen
11SH	5S	47 7/8	44 1/4	Bedroom
12SH	6S	47 7/8	51 3/4	Bedroom
13SH	7S	47 7/8	59 1/4	Great room
14SH	8S	47 7/8	66 3/4	Screen room
	18-	Special	Verify Size	Any bay location
	PD	72x80	Patio Door	Requires 2 bays



Windows install in minutes.



Decorative log sills included in Phase 1

Asphalt roofing shingles are included in the "Dry In" Phase 2 materials package. You will need to work with your Woody advisor to select roof color and style. See the available technical data sheets For details. Metal roofing is also a popular option and has advantages over asphalt shingles.



### Roofing color selection required

Metal Pro-Form roofing

Asphalt shingles

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## Phase 3 Finishing Materials

See: Available technical data sheet for **Phase 3 materials for interior finishing materials**

### Phase 3- The Interior Finishing Phase

For your convenience we have also developed for our standard models, a list of materials including cabinets, doors, tops, plumbing, fixtures, electrical fixtures and outlets, and wall coverings. Use this guide for final selections and for cost budgeting purposes.





## ***Need assistance with the actual building process?***

Do not let the construction process bog you down!

*Cabintek has assisted in building log homes around the world with our unique log building consulting services.*



Choose the program that best suits your needs.

**Platinum service:** This service is provided to customers who do not have the time or expertise to take on a log building project. We provide all services including finding sub contractors and workers and initiating contractual agreements on your behalf. This is a totally transparent approach that is a common strategy used when say a municipality builds a new school. The school board hires a consultant to design, budget and construct the school. All contracts and invoices are approved and paid by the owner. Working with Cabintek and Menards, you will know your exact budget before you break ground.

**Charges:** Fixed fee—Generally the fixed fee is a percentage of the entire project. 10-15% of the total construction cost plus travel expenses. These fees are generally off set by savings created by our experience working with factory certified sub contractors. This service is perfect for those who want a cabin without the hassle of managing contractors!

**Gold service:** For “do it yourselfers” or those who have contacts with contractors but want a little extra experience on the job. A certified Cabintek installer will visit the construction site and “coach” the installers. Usually when we arrive, the floor deck is installed and the log kit is delivered. Floor deck construction follows general construction techniques as the kit does not require any special reinforcement or unusual design changes to normal floor deck construction. Your consultant will help with layout and initial log wall construction. This is a great choice for those who just need a little confidence builder. Rest assured the kit is designed to be simple. No special tools are required for installation. By the time we leave, you will be expert Woody installers!

**Charges:** The first full day of this service is **FREE**. Any days after the first full day is charged at \$300/day. Our days are generally 10 hours long. Travel expenses are not included in this service.

**Silver service: Totally FREE** All Woody buildings include this service. With communication services in today’s day and age we are able to easily assist. Anytime you have a question, or your contractor, no matter what trade, needs some advice, we are available to engage by phone or email. Many clients have their contractors engage with our consultants during the design process to estimate how many hours are involved so they can accurately “bid” the project. Once we get the project moving forward, we are eager to help in any way we can.

*These factory direct services may be available from our certified contractors regardless of where you purchase your Woody cabin.*

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Woody log cabin building steps-general