



Log Railing Systems



- White Cedar
- Hand Peeled Appearance
- Interior or Exterior Use
- Square Cut Ends or Tenoned (Custom Fit)
- Available for decks, lofts and stairs
- Vertical post 6", horizontal rails 4", spindles 3"

Cedar Naturally Develops Cracks and Checks. This is an unavoidable process that enhances the rustic beauty.



White Cedar Log Rail Systems

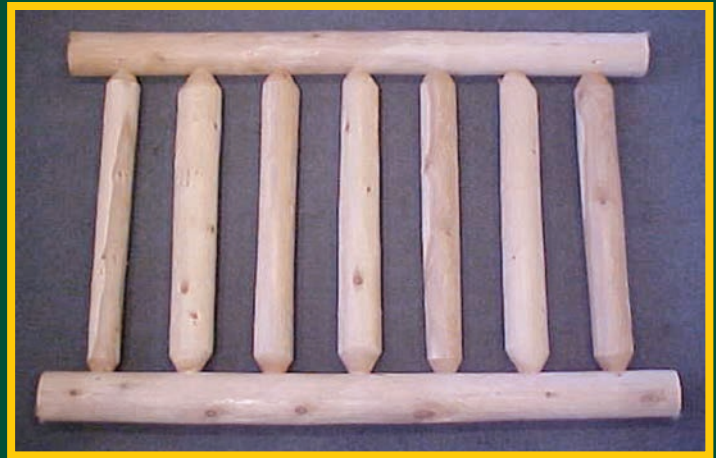
All Rails, Posts, and Spindles have a hand peeled appearance, so diameters vary slightly. Rail systems may be used interior or exterior. Cedar will naturally develop cracks and checks which enhances its rustic appeal.

Rail sections come pre-assembled as shown. They do not include support posts or fasteners. Posts are undrilled.

With posts, railing will have a finished height of approximately 36"-38".

Square Cut Rail Sections

Section	Part Number
4'	6000000401
6'	6000000601
8'	6000000801
10'	6000001001



Tenoned Rail Sections

Section	Part Number
4'	6100000401
6'	6100000601
8'	6100000801
10'	6100001001

Spindles are 6-3/4" on center, with approximately 3-1/2" gap between



White Cedar Posts - Not Drilled

Used with Square Cut Rail Sections and Tenoned Rail Sections. Diameters vary slightly due to hand peeled appearance. Posts may be used interior or exterior. Cedar will naturally develop cracks and checks which enhances its rustic appeal.

6" Cedar Posts - Part Number

40" Flush Mount Post	6000004001
48" Shoulder Notched Post	6000006401
48" Outside Corner Shoulder Notched Post	6000016401
48" Inside Corner Shoulder Notched Post	6000016402
40" Half Post	6000004003
48" Half Post	6000004004

All posts come undrilled unless custom railing is ordered.

Post tops have a slight bevel and have a finished height of 40".



Flush
Post

Notched
Post

Outside
Corner

Inside
Corner

Flush Mount Posts sit on the surface of your deck or loft. All Notched Posts are designed to lag into the deck joist. See Railing Installation Sheets for more information. Posts are not predrilled.



White Cedar Railing Components

CEDAR POSTS

Size	Part Number
6" x 40"	6000004001
6" x 48"	6000004002
6" x 8'	6000006801
6" x 10'	6000006101
6" x 12'	6000006121
8" x 40"	6000038070
8" x 48"	6000038072
8" x 8'	6000038081
8" x 10'	6000038101
8" x 12'	6000038102
10" x 8'	6000031008

CEDAR RAILS

Size	Part Number
2" x 8'	6000003800
2" x 12'	6000003811
3" x 8'	6000003801
3" x 10'	6000003810
3" x 12'	6000003812
4" x 4'	6100004401
4" x 8'	6000004801
4" x 10'	6000004101
4" x 12'	6000004121



Flared Posts

Size	Part Number
8" x 8'	6300000808
8" x 10'	6300000810
8" x 12'	6300000812



SPINDLES

Size	Part Number
3" x 26" Tenoned	6000002602
3" x 29" Tenoned	6000002802
3" x 29" Untenoned	6000002801



The tenoned ends of the spindle have a diameter of 1 ½" and are 1 ½" long.

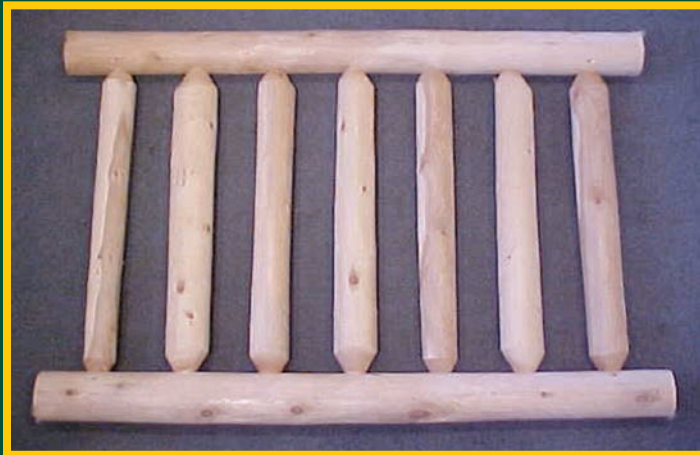
Stair spindles have a diameter of 1 ½" and are 2 ½" long.





Commercial Log Railing & Posts

With posts, commercial railing will have a finished height of approximately 42"- 44".
Posts have a finished height of 46 inches.

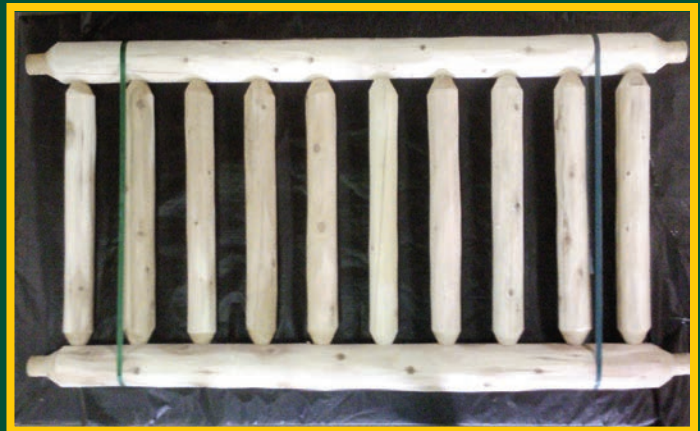


Commercial Square Cut Rail Sections

Section	Part Number
4'	6200000401
6'	6200000601
8'	6200000801
10'	6200001001

Commercial Tenoned Rail Sections

Section	Part Number
4'	6200001401
6'	6200001601
8'	6200001801
10'	6200001101



6" Cedar Posts - Part Number

46" Flush Mount Post	6200004002
54" Shoulder Notched Post	6200006401
54" Outside Corner Shoulder Notched Post	6200016401
54" Inside Corner Shoulder Notched Post	6200016402

SPINDLES

Size	Part Number
3" x 33" Tenoned	6200002602
3" x 36" Tenoned	6200002802
3" x 36" Untenoned	6200002801



Custom White Cedar Railing

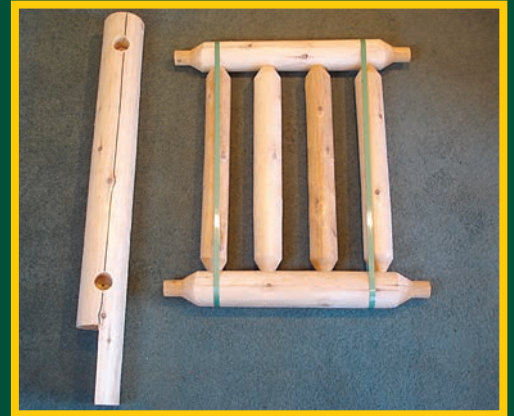
All Rails, Posts, and Spindles have a hand peeled appearance, so diameters will vary slightly. Rail systems may be used interior or exterior. Cedar will naturally develop cracks or checks which enhances its rustic appeal.

IMPORTANT: The measurements for custom railing systems (horizontal or stair) are provided by the contractor or homeowner using the measurement sheets included in this book as a guide. Custom railing systems may not be returned for refund.

CUSTOM HORIZONTAL RAILING SYSTEM

Vendor Part Number
6000000001

Top and bottom rails are tenoned to fit into pre-drilled posts, based on diagram and measurements provided by the customer or contractor. Posts will be evenly spaced unless specified differently on diagram. Sections will be numbered for assembly and include rails, spindles, and posts. Fasteners not included.



CUSTOM STAIR RAILING



Vendor Part Number
6000000002

Top and bottom rails left long for on-site cutting or tenoning. Stair posts need to be sanded or drilled on site for proper fit. To order: A stair measurement sheet must be filled out by the installer. Install staircase prior to measuring for railing to avoid errors. Fasteners not included.

Custom Commercial Horizontal (6200000001) and Stair (6200000002) Railing also available.



Square Pine Railing Systems



- White Pine
- Smooth or Hewn
- Interior Use
- Square Cut Ends
- Available for lofts and stairs
- Vertical post 5.5" x 6.5", horizontal rails 3" x 4" and spindles 2.25" square

Pine Naturally Develops Cracks and Checks. This is an unavoidable process that enhances the rustic beauty.



Square Pine Rail Systems

Rail systems are for the interior.

Pine will naturally develop cracks and checks which enhances its rustic appeal.

Rail sections come pre-assembled as shown.
They do not include support posts or fasteners.

With posts, railing will have a finished height of approximately 36"-38".

Cabin Smooth Square Cut Rail Sections

Section	Part Number
4'	6400001104
6'	6400001106
8'	6400001108
10'	6400001110



* Rustic Cabin Square Cut Rail Sections

Section	Part Number
4'	6400001604
6'	6400001606
8'	6400001608
10'	6400001610



* Smooth with Hewn Edges.

Spindles are 6-1/4" on center, with approximately 3-1/2" gap between.
Rails are 3" wide x 4" high. Spindles are 2-1/4" square.



Pine Posts - Not Drilled

Posts may be used interior or exterior.
Pine will naturally develop cracks and checks which enhances its rustic appeal.

Pine Posts

Part Description	Cabin Smooth Item #	Rustic Cabin Hewn Item #
5.5" x 6.5" x 40"	6000003901	6400003902
5.5" x 6.5" x 48"	6000003911	6400003912
7" x 9" x 40"	6000003921	6400003922
7" x 9" x 48"	6000003931	6400003932

Flush Mount Posts sit on the surface of your stairs or loft.
See Railing Installation Sheets for more information.



PINE CUSTOM STAIR RAILING

Vendor Part Number
6400001112—Cabin Smooth
6400001612—Rustic Cabin Hewn

For interior use only. Top and bottom rails left long for on-site cutting. To order: a stair measurement sheet must be filled out by the installer. Install staircase prior to measuring for railing to avoid errors. Fasteners not included.



Meadow Valley

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Meadow Valley Deck Railing Measurement Instructions

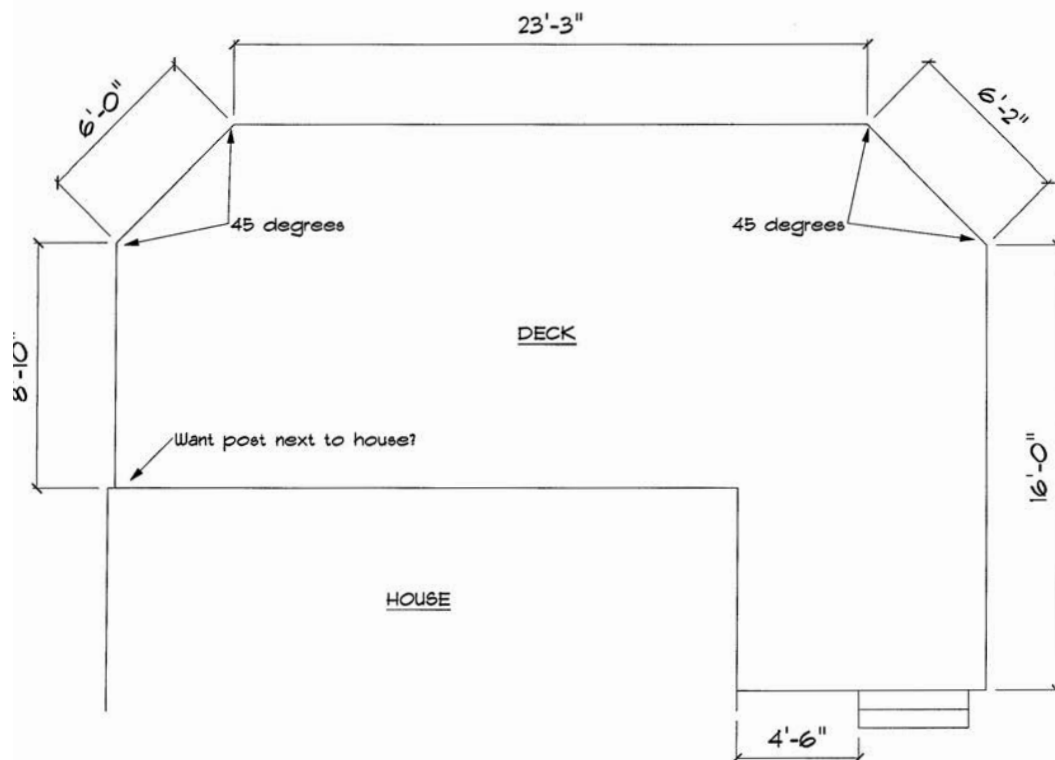
Contact Name: _____

Job Name: _____

Number: _____

Store Location: _____

Return Fax #: _____



1. Draw your deck, porch, or loft as a birds eye view from above with measurements clearly indicated on the drawing.
2. Measure from corner to corner if we are providing support posts. NOTE: If there are existing posts please indicate their position on your drawing with this symbol \oplus and provide exact measurement between all existing posts.
3. All angles other than 90 degrees must be written on your drawing.
4. If your railing meets a wall, please indicate if you want a post near the wall, or if you will be attaching your railing into the wall.
5. Choose your support post base (either flush mount or shoulder cut) and write your choice on your sketch.
6. Return your sketch to your lumberyard so your order can be faxed. Make sure your name, address, and phone number are on your sketch and the name of the lumberyard.

Fax sheet to: 608-378-4199

Please call 800-657-4666 for additional information.



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REQUIRED STAIR RAILING INFORMATION

CHOOSE ONE FOR EACH OF THE FOLLOWING

RAILING	POST	RAILING SECTION REQUIRED
CEDAR ROUND LOG _____	**FLUSH MOUNT _____	FOR ONE SIDE _____
OR _____	OR _____	OR _____
* PINE SQUARE SMOOTH _____	SHOULDER NOTCHED _____	FOR BOTH SIDES _____
OR _____		
* PINE SQUARE HEWN _____		

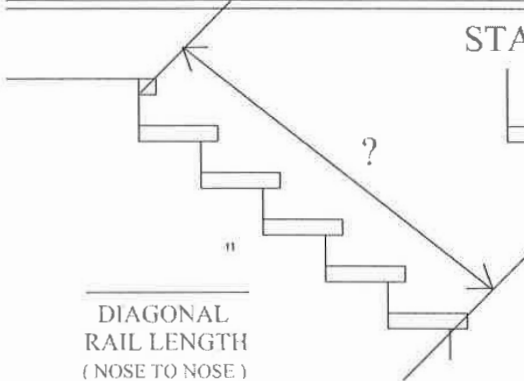
* PINE RAILING FOR INTERIOR USE ONLY. ** PINE POSTS ARE SOLD AS FLUSH MOUNT ONLY.

STAIR RAIL SECTIONS WILL NOT HAVE TENONED ENDS.

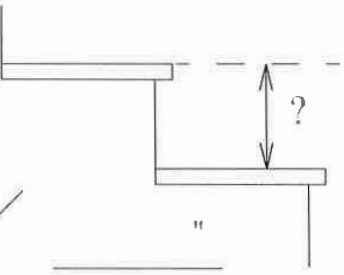
DIAGONAL RAIL LENGTH GREATER THAN 10'-0" REQUIRES AN INTERMEDIATE POST.

IF USING A SKIRT BOARD ORDER FULL POST TO NOTCH ON SITE.

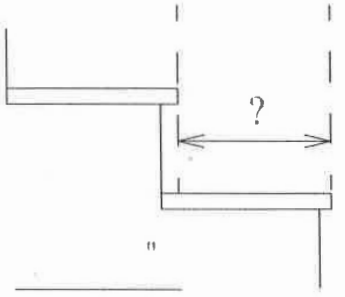
STAIR RISE AND RUN



DIAGONAL RAIL LENGTH
(NOSE TO NOSE)




INDIVIDUAL STAIR RISE



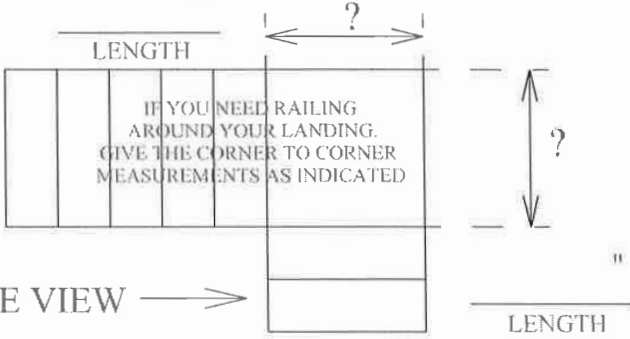
INDIVIDUAL STAIR RUN

IF USING A LANDING FILL OUT BELOW FOR SECOND SECTION



DIAGONAL RAIL LENGTH
(NOSE TO NOSE)

← SIDE VIEW →



LENGTH

RETURN INFO: STORE# _____ FAX# _____
CONTACT NAME _____ PHONE# _____

FAX SHEET TO:
608-378-4199

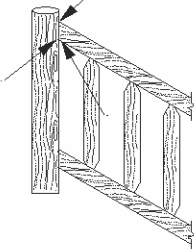


Railing: Assembly and Installation

It is strongly recommended that you leave the bands on your completed rail sections until after they are fastened to the support posts. Read and follow any special instructions that may arrive with your railing order. If room permits, we recommend laying each section out in advance with the support posts in between. Start by attaching a support post at one end of your project, slowly working your way across. If you ordered a flush mount support post, you have two options for securing it. One method is to lag screw up through the deck from underneath. The other option is to purchase a newel post connector and follow the directions included for securing your posts. A newel post connector is needed if you do not have access underneath the surface you are mounting your post to. Decide what height you want your railing to be and measure down on each post the same distance. Some installers will cope the edge of the top and bottom rail slightly to follow the curvature of the support post for a cleaner fit. Whether you cope the rails or leave them square, attach rail sections to the support posts by screwing from the top and bottom or both sides if you prefer. (See sketch, method 1 or photo)

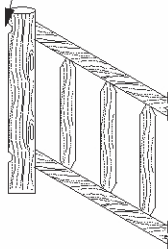
SQUARE CUT RAILS

Screw from top & bottom or from sides of rail into post with 3 1/2" deck screws.



Method 1

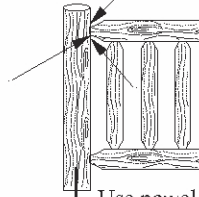
Bolt from back of post into rail with 3/8" x 10" lag screw.



Method 2

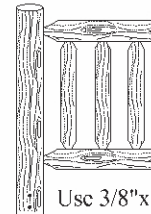
TENON RAILS

Screw from top & bottom or from sides of rail into post with 3 1/2" deck screws.



Use newel post connector or lag screw up through the deck from underneath.

Flush Mount Post



Use 3/8"x5" lag screw to fasten shoulder mount to side of floor deck.

Shoulder Mount Post

You may also lag bolt from the back of the post as shown for end posts. (Method 2) Continue working your way across your deck or loft until complete.

Stairs: Stair rail sections are left long to allow some finish trimming on site. Because the stair rail sections are banded tight, the angle of your stair railing may be compressed. Sometimes the angle changes during shipping. You may need to remove the bands from the stair rail sections before installing. Adjust the rail sections to the proper angle and use rope or bungee cords to hold the rails together while marking for trimming and during installation.

Staining and Finishing: Your rails will arrive unfinished. For exterior applications we recommend a good quality exterior stain. Do not use a polyurethane or varnish on exterior railings as the elements may cause peeling and blistering to occur. Interior railing can be finished with polyurethane, stain or varnish. Always check and follow manufacturers recommendations on the container before proceeding.

IMPORTANT NOTES: Cedar naturally develops checks and cracks, which is unavoidable and enhances its rustic appeal. Each situation is unique and on-site modifications may be needed. Due to this and ever changing building codes, the above installation suggestions should serve only as a guide.

For further assistance call 1-800-657-4666 Mon. – Fri. 7:30 m – 4:30 pm.



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SQUARE CUT RAILING ATTACHMENT OPTIONS

There are many methods used to attach square cut railing to support posts. Most methods involve modifying the post, or the top and bottom rail for attachment.



Cope Support Post Shave the support post down with a planer or sander. Attach rails.



Router then chissel out a small area on the support post where the top and bottom rails will meet. Use a belt or finish sander to sand the area flat.



Cope Top and Bottom Rail Use a coping saw, sawzall, or jigsaw to cope the top and bottom rails. Attach to support posts.



Square Cut This is the easiest method for attaching square cut railing. Top and bottom rails butt up directly to the post.



← Bevel Cut A bevel cut is made on both sides of the top and bottom rail before attaching to the posts.



Log Staircases

Vendor Part Number
3010401001



- White Pine - Rustic Hewn
- Two 10" Notched Log Stringers
- 11" Half Log Stair Treads - 4' Long
- Other Tread Lengths Available
- Railing Ordered Separately
- Need the Total Rise and Run to Order
- Check Local Codes Before Ordering
- This is a raw log product and may require sanding prior to finishing.
- Logs may develop cracks or checks which are an unavoidable natural process.
- Includes 8" Timber Screws



Timber Staircases

Vendor Part Number
3010401012



- White Pine Smooth
- Two 4"x12" Notched Timber Stringers
- 4"x10" Timber Stair Treads 42" Long
- Other Tread Lengths Available
- Railing Ordered Separately
- Need the Total Rise and Run to Order
- Check Local Codes Before Ordering
- This is a raw log product and may require sanding prior to finishing.
- Logs may develop cracks or checks which are an unavoidable natural process.
- Includes 8" Timber Screws



LOG SIDING

Staircase Tread Worksheet

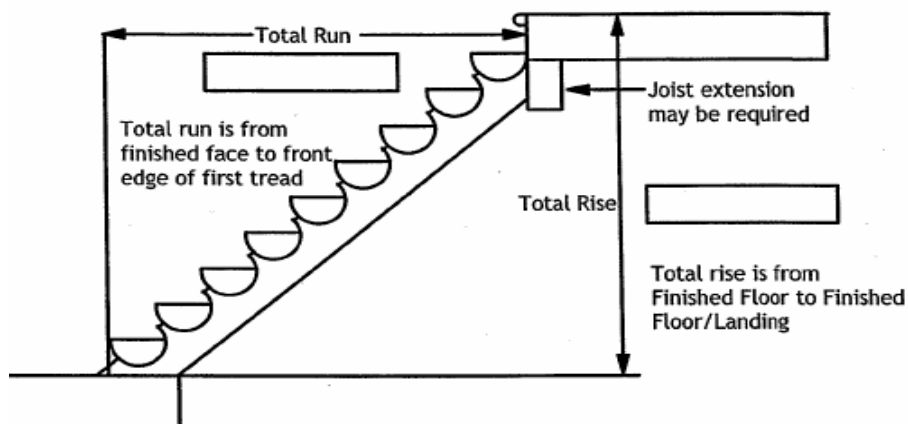
TREADS	Total Run		RISERS	Total Rise	
	Minimum	Maximum		Minimum	Maximum
2 Tread	18 3/4	21	3 Riser	17	24
3 Tread	27 3/4	31 1/2	4 Riser	24 1/4	31.5
4 Tread	36 3/4	42	5 Riser	32 1/4	39
5 Tread	45 3/4	52 1/2	6 Riser	40 1/4	46.5
6 Tread	54 3/4	63	7 Riser	48 1/4	54
7 Tread	63 3/4	73 1/2	8 Riser	56 1/4	61.5
8 Tread	72 3/4	84	9 Riser	63	69
9 Tread	81 3/4	94 1/2	10 Riser	70	76.5
10 Tread	90 3/4	105	11 Riser	77	84
11 Tread	99 3/4	115 1/2	12 Riser	84	91.5
12 Tread	108 3/4	126	13 Riser	91	99
13 Tread	117 3/4	136 1/2	14 Riser	98	106.5
14 Tread	126 3/4	147	15 Riser	105	114
15 Tread	135 3/4	157 1/2	16 Riser	112	121.5

Example:

If your total rise is 95" then you would fall into this row.

12 Tread	108 3/4	126	13 Riser	91	99
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Which means you will have 12 treads and the end of your staircase will have to land between 108 3/4" - 126" in order to meet code.



Total Rise =
Total Run =

Note: Any Staircase over 12 treads we recommend supporting the stringers in the center.

Fax sheet to:
608-378-4199

Return Info: Store #

Fax #

Contact Name:

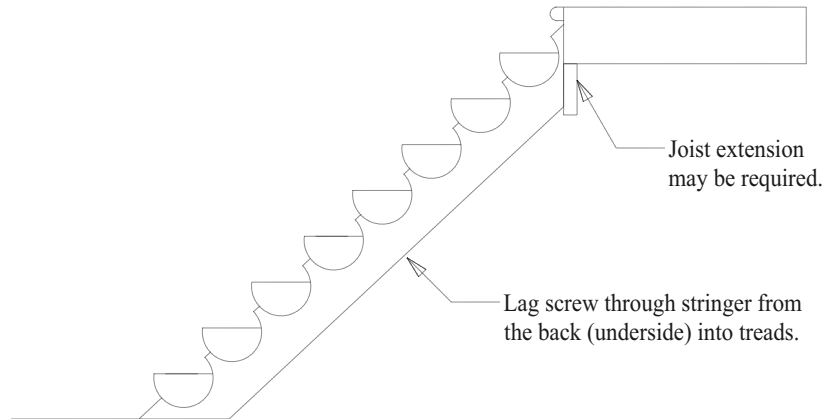
Phone #



Meadow Valley

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Log Stair Installations



Because of varying codes throughout the nation, it may be necessary to trim the front nose of the treads to eliminate excessive overhang (Most common range $\frac{3}{4}$ " to 1- $\frac{3}{4}$ ") Check with your local Building Codes. Determine if this applies to your stairway and trim treads before assembly.

Read all instructions before beginning.

- 1) Determine if a joist extension is needed for your application. If so, secure the extension to the joist using the best application for your job.
- 2) If you have a landing, the stringer is designed to sit on the landing floor. A landing extension may be required.
- 3) For ease of installation mount one stringer in place at a time versus assembling the entire stairway and then lifting into place.
- 4) Place the treads into the scribe starting at the bottom of the stringer and work your way to the top.
 - A) Each half log tread will vary slightly in size and it may be necessary to shim or draw knife the half log tread in order to meet local building codes and or to allow the tread to nest level in the scribe. Fill any gaps with builders caulk if desired before staining your stairway.
 - B) Apply general construction adhesive in the scribe before placing the tread into position. Level and secure each tread before moving up to the next tread.
 - C) We suggest using the lag screws provided to screw through the underside of the stringer and into the tread. If you do not want the screw heads to be visible you can countersink them and cover them with builders caulk. You may also secure the treads using alternative methods of your choice.

For further assistance call 1-800-657-4666 Mon. - Fri. 7:30 am - 4:30 pm.