

pounds. If pushed off from a truck in this state, some of the boards may be damaged. Like wood, cosmetic damage may occur if handled roughly.

22. Can Nexwood be used for sub-structure?

- Nexwood **cannot** be used for a sub-structure. We recommend using pressure treated lumber for the sub-structure.

23. How does Nexwood react to cold weather?

- Nexwood is designed to perform extremely well in all weather conditions. For expansion and contraction data see the gapping guidelines.

24. Can scrap Nexwood be taken to a landfill or thrown in the garbage?

Yes, as Nexwood contains no formaldehyde or arsenic based chemicals or preservatives, it is accepted in landfills.

25. Do I need to gap the Nexwood board when installing it?

Yes, All Nexwood products should be gapped to allow for expansion and contraction of the product.

- 5/4 Tongue & Groove: there should be a gap between boards. You must use gapping tools while installing 5/4 T&G board.
- 2x6 and 5/4x6 Radius Edge board: gapped a minimum of 1/8"-3/16" side to side.

26. Can I use 5/4 T&G Nexwood board if I do not have a minimum of 12" from the bottom of the joist to the ground?

No, 5/4 T&G board cannot be used in any application that does not have at least 12" from the bottom of the joist. Without adequate ventilation, the top surface is typically dry, and underneath the deck could be damp from moisture and or humidity. This, in some cases, may cause the 5/4 T&G board to cup slightly. This would void the warranty.

27. What is the maximum span for Nexwood boards?

	Residential*	Commercial*
2x6 Nexwood board	24" on center	16" on center
5/4x6 Radius Edge Nexwood board	24" on center	16" on center
5/4 T&G Nexwood board	16" on center	12" on center

* See install sheet for board installations that is not perpendicular.

Building Tips

This section provides great tips and suggestions from some of our valued customers (expert deck builders). While some of these tips have not have been tested by Nexwood as of yet, Nexwood is in the process of doing further research and analysis. If you have any suggestions or great tips, we encourage you to share them with us via mail, or email (inquiry@nexwood.com), or toll-free: 1-888-763-9966.

Mike Owens, Deck Master - Plano, Texas

1. Using the "Herringbone" Pattern (See page 7)

Building decks with the Herringbone pattern offers several advantages:

- Reduces scrap waste, the Herringbone pattern allows you to use short boards so waste is reduced

- Uses only "one-length" boards, for example, if you are using 16-ft boards, these are the only size boards you need to complete the job - you do not need to buy boards in other lengths, just cut the lengths needed
- Reduces the length of the span of the board; thus, reducing the expansion and contraction of the board. Because the Herringbone pattern requires shorter boards, the expansion and contraction of the boards will be much less than if you are using longer boards in a typical perpendicular pattern (see Disclaimers on page 10 & 17).
- Aesthetically attractive with the Herringbone pattern, you can use unlimited alternatives of design patterns to create unique-looking decks (see page 7)

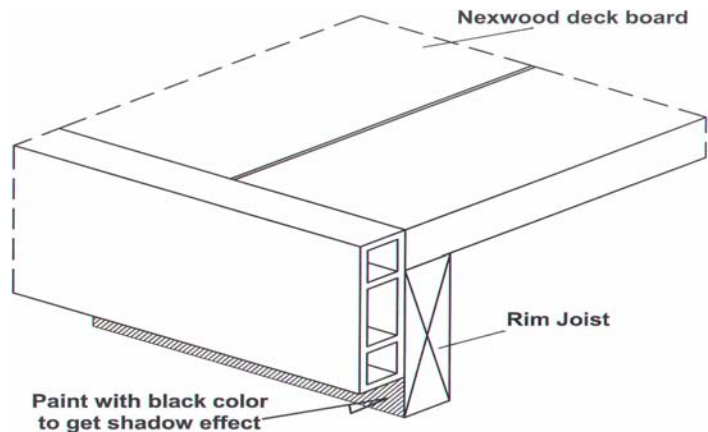
2. Using the Multi-level Deck Design

Similar to the Herringbone pattern, the multi-level deck design also offers the following advantages:

- Enhanced beauty with or without the combination of the Herringbone pattern, the multi-level deck design enhances the aesthetic appearance of the deck
- Reduces butt-joints and their potential problems can be greatly reduced when using the multi-level deck design

3. Creating a Shadow Effect in Steps and Skirting

Tip: To achieve this shadow effect beneath your steps and deck skirt, paint the uncovered rim joist with black paint. This reduces extra labor that would be required to cover the exposed rim joist with another profile.



SHADOW EFFECT

4. Cost Comparison

There is an assumption in the industry that a deck built with composite material, such as Nexwood, is much more expensive than a wooden deck. However, upon further research, one will realize that the cost of a deck consists of four components: materials, labor, overhead and profit. Since composite decks still require wooden structures, the difference is in the cost of material for the flooring. Builders may be surprised to know that a Nexwood finished deck is only 5-10% more expensive than a cedar deck and only 15-25% more expensive than a pressure treated deck. Moreover, considering that the amount of scrap is almost zero with Nexwood (no culling needed) and 10-30% with wood due to unusable boards, the cost difference is even smaller. If you use Cedar or Redwood for decking material, do not forget to add \$1-2 per sq-ft per annual application for maintenance costs such as sealing, staining, painting, and the associated labor costs. In other words, for investing a little more in Nexwood you will reap benefits and savings that far outweigh the initial cost difference. Please try our calculation sheet (page 47).

✂ Tom Jacques - Hickory Dickory Decks, Flamborough, Ontario

1. Whenever possible, to minimize the amount of work, design decks around material lengths of 12', 16', and 20'.
2. When using a deck board as a riser to build stairs, be sure to brush the 1-1/2" exposed smooth surface of the board with a belt sander to give it a rough texture. This ensures a complete slip-resistant surface. Another option, although more complex, would be to place the riser beneath the run so that the 1-1/2" is not exposed at the edge of the step.
3. Do not forget to pre-drill the deck boards before inserting the screws.
4. All Nexwood profiles can be cut with a regular skill-saw and wood blade.
5. Use longer blades when cutting with a jigsaw (10-12 teeth per inch).
6. Install screws with a low speed drill so screws do not go through the material.
7. Remember to leave clearance when cutting around an obstacle or through material for expansion and contraction.
8. When laying down the decking, double check parallel measurements with the house.
9. If fastening with Shadoe Track, Deck Master, or an under-mounting system, use a full thread screw.

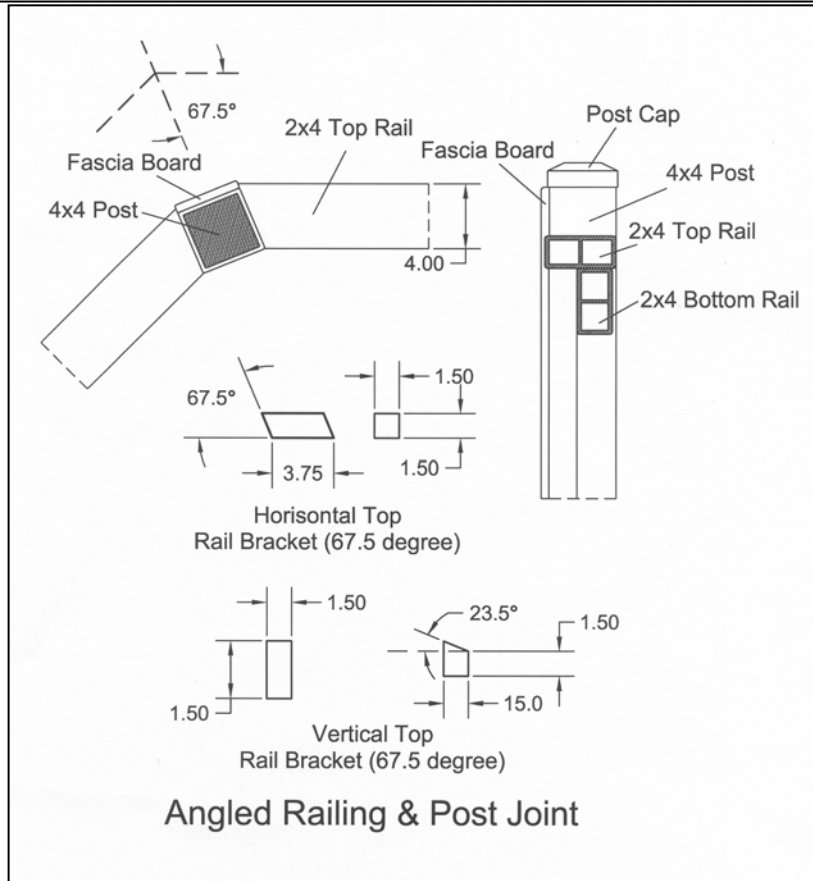
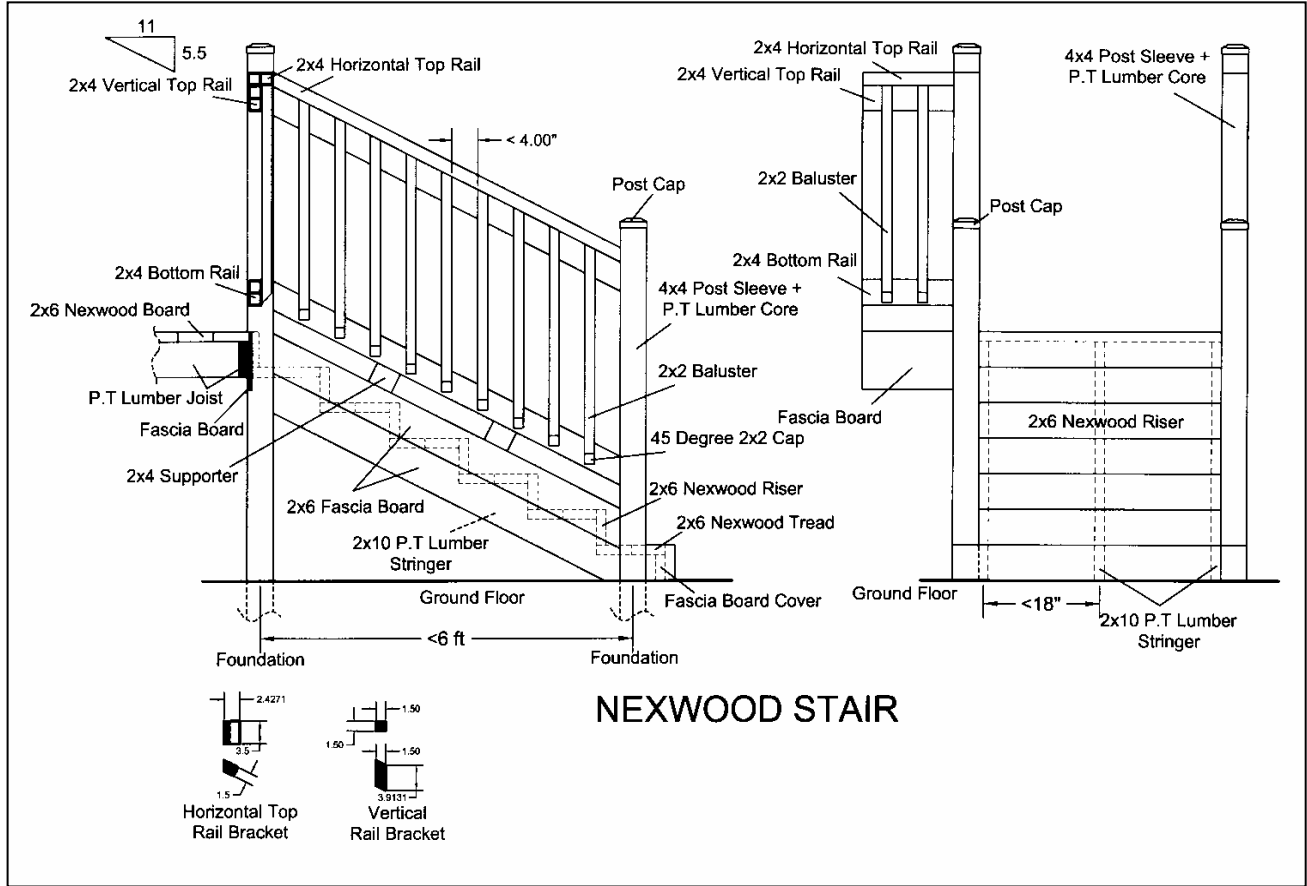
✂ Dennis Schaefer - Creative Wood Products, Fenton, Michigan

1. To attach specialty items to ends of planking such as fascia or wood trim, fill cavity with wood blocking and glue in place. This gives you a fastening surface to attach to.
2. When using Nexwood 5/4 T&G board for deck skirting, which works extremely well for that application, you need to vent the undercarriage material to reduce chances of mold and mildew on the lumber used for the understructure. You can do this in two ways:
 - a. Use a pre-made vent from a home center. Cut a hole in the skirt and screw into place.
 - b. Make a picture frame from Nexwood 2x2, then screen back and apply to skirt.
3. When selling Nexwood 5/4 T&G boards for upper level decking, be sure to tell your customer the benefit of keeping the lower area below deck dry. This is an added benefit for either additional entertaining space or storage.

Nexwood's Response: The area under the 5/4 T&G upper decking is relatively dry. Imperfect installation may cause minor water drips underneath. Apply a sealant between the tongue and groove to improve sealing or you can use sealant strip on the groove side.

✂ Nexwood Industries Ltd. - Brampton, ON

1. How to change or replace one or several T&G boards if the deck has already been installed? Remove the board(s) that has to be replaced by cutting it with saw. Remove the tongue from a 5/4 T&G board by cutting along the length of the board using circular saw, insert the new board(s) and then fasten the boards from the surface using #8X2-1/2" Nexwood Stainless Trim Head screws (3/4" from the edge of the groove).
2. Insert block for angled rails or stairs:
The dimension of the insert block depends on the angle between the rail and the post.



Calculation Sheet

This Calculation Sheet helps you to determine how much it would really cost to bring Nexwood into your product line. The cost of a typical wooden deck includes posts, frame, concrete, design, permits, labor, fasteners, waste factor, overhead, tools, profit, and the actual deck flooring and fascia. The ONLY items on this list that you are dealing with when you consider Nexwood are flooring and fascia. NOTE: Railing must be calculated separately.

A is the price per lineal foot of the material you currently use

B is the price per lineal foot of Nexwood

C is the cost per square foot of A

D is the cost per square foot of B

E is the cost difference per square foot

F is the total cost you currently charge for materials you use

G is the percentage you need to adjust for Nexwood

Note: 2.3 is the factor used to convert lineal footage into square footage.

(A): \$ _____ x 2.3 = (C) \$ _____

(B): \$ _____ x 2.3 = (D) \$ _____

(D) minus (C) = (E) \$ _____

(E) divided by (F) \$ _____ = (G) _____ %

For that difference:

YOU, THE CONTRACTOR:

- Experience increased sales (Nexwood is easy to be sold)
- Receive more referrals from word of mouth for years after the job is complete
- Will not have to worry about call backs for typical wood problems such as cracking or splitting boards
- Can use Nexwood brochures, photos, and website (www.nexwood.com)
- If you sell Nexwood, do not forget to carry 2x2 ft minideck sample during sales pitch

YOUR CUSTOMER:

- Has a deck that is virtually low maintenance
- Can register for a 20-year manufacturer limited warranty for 2x6 deck boards or a 10-year manufacturer limited warranty for 5/4 T&G deck boards & 5/4 Radius Edge deck boards.
- Will enjoy a beautiful home improvement to be proud of for years to come
- Benefits at the time of home resale with an extraordinary feature