

INSTALLATION GUIDE

TREDZ™ DECKING



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GENERAL INTRODUCTION

Tredz™ is an innovative polypropylene vinyl decking system containing no wood fibers that could compromise its performance.

The specifically engineered virgin material provides a polymeric decking system that has solved the shrinkage and expansion problems that others in the industry have experienced.

The attractive wood grain finish and hidden fasteners combine to give a low maintenance, long lasting decking system.

Tredz™ excellent UV properties and excellent weather ability resists fading, twisting and warping. Clean up is a snap with mild soap and water.

Tredz™ is available in four unique colors

- Colonial White
- Weathered Gray
- Khaki
- Chatham Tan

Tredz™ is available in one convenient length of 48".

The following instructions have been provided to help you understand and take advantage of Tredz™ ease of installation.

Failure to follow these instructions could risk voiding the Tredz™ warranty.

LOCAL BUILDING CODES

Follow all local codes and good construction practices when designing and installing the deck sub structure. Failure to follow local building codes, including filing plans and inspections may result in costly post-construction modifications. JIMDI INC. will not be held responsible in any way for failure to follow local building codes and structural requirements.

TOOLS REQUIRED

- SAFETY GLASSES
- RUBBER MALLOT
- CARPENTERS HAMMER
- CORDED/CORDLESS DRILL DRIVER
- #2 PHILLIPS DRIVER BIT
- CIRCULAR SAW OR CHOP SAW
- FINE TOOTH SAW BLADE
- ROUTER W/ROUND OVER BIT
- ½" X 2 ½" LAG SCREWS
- 1/2" X 4" LAG SCREWS
- #8 X 2 ½" DECK SCREWS
- TAPE MEASURE
- LEVEL

TREDZ™ PART NUMBERS

DECKING

D100-W	Colonial White
D-100-G	Weathered Gray
D-100-K	Khaki
D-100-T	Chatham Tan

TRIM

T-003A-W	Channel Trim	Colonial White
T-003A-G	Channel Trim	Weathered Gray
T-003A-K	Channel Trim	Khaki
T-003A-T	Channel Trim	Chatham trim
T-004-W	T-Trim	Colonial White
T-004-G	T-Trim	Weathered Gray
T-004-K	T-Trim	Khaki
T-004-T	T-Trim	Chatham Tan

FASTENERS

F-101	Deck Clips	400 pcs.
F-101-S	Starter Clips	25 pcs.
F-102	#8 X 1 ½" Clip Screw	100 pcs.
F-103	#8 X 2 ½ Deck Screw	100 pcs.
F-105-W	Hidden Screw Fastener W/Cap	25 pcs.
F-105-G	Hidden Screw Fastener W/Cap	25 pcs.
F-105-K	Hidden Screw Fastener W/Cap	25 pcs.
F-105-T	Hidden Screw Fastener W/Cap	25 pcs.

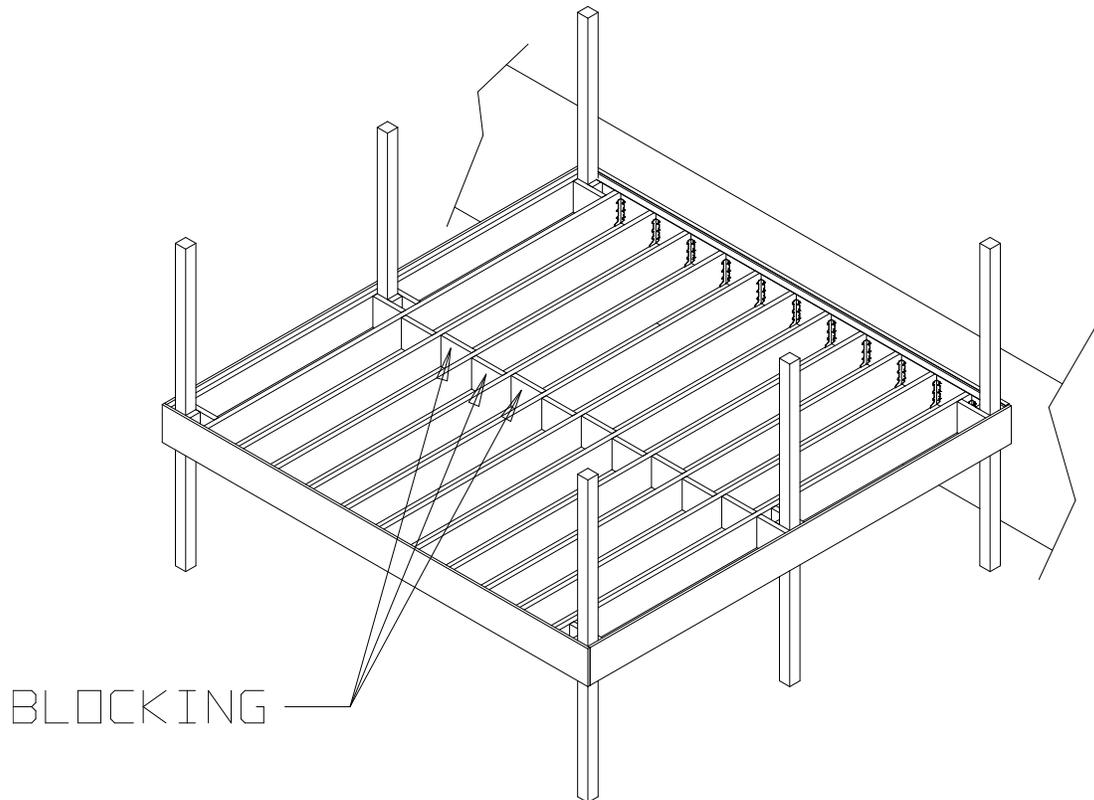
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SUB-STRUCTURE FRAMING



1. Construction of the deck sub-structure should follow local building codes with regards to load bearings as well as post depths in areas where ground freezing is of concern.
2. The deck system can be built with 16" joist centers; however, for maximum strength 12" joist centers are preferred. Commercial applications require that joist spacing is at a maximum of 12". Deck should measure 12 feet at the outside dimensions.
3. Intermediate blocking between joists should be installed at no greater than 6 foot intervals.
4. Ideally, consideration should be given to sizing the deck sub-structure in 2 foot intervals. This will ensure maximum utilization of Tredz™ decking material.
5. The concept of the Tredz™ decking system is to construct a structurally sound and level sub-structure and to "fill" in the surface of the deck with the Tredz™ deck pieces.

1. Once the sub-structure is in place. Trim the exterior of the joists with a "cellular pvc" type trim board. It is critical to have the fascia piece protrude 1 1/2" above the sub-structure surface. This will create the "frame" necessary to be filled in with Tredz™ deck pieces.
2. The above illustration represents the typical sub-structure construction at completion.
3. Additional blocking is required at all posts locations and between joists. Illustrations are provided to clarify post blocking.
4. Once the sub-structure and blocking is in place you are ready to begin filling in the surface of the deck.

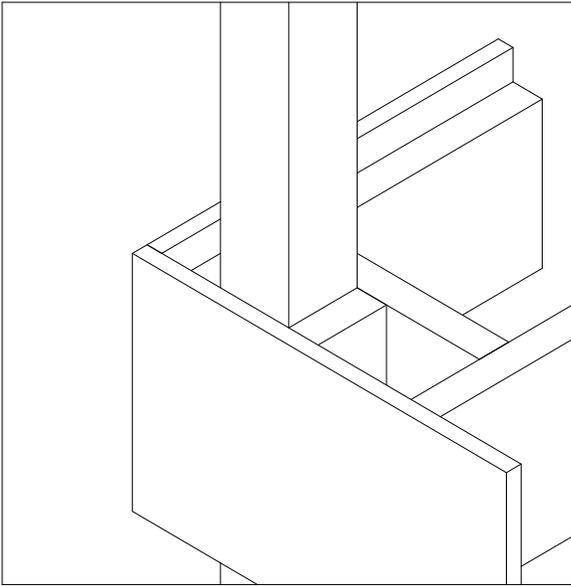
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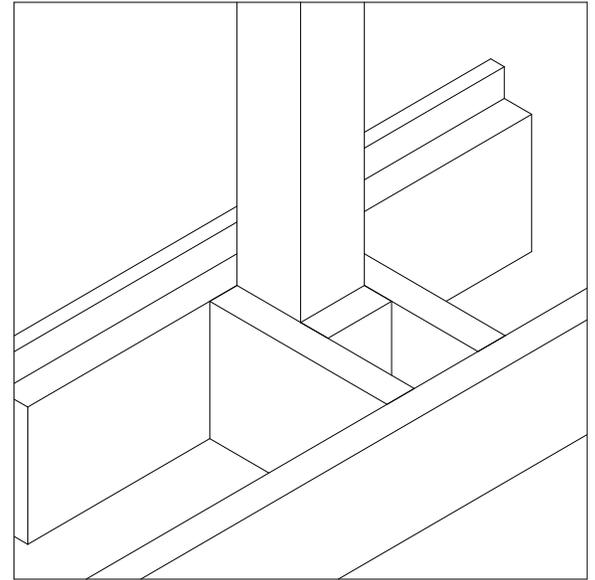
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SUB-STRUCTURE FRAMING (CON'T)



CORNER POST BLOCKING



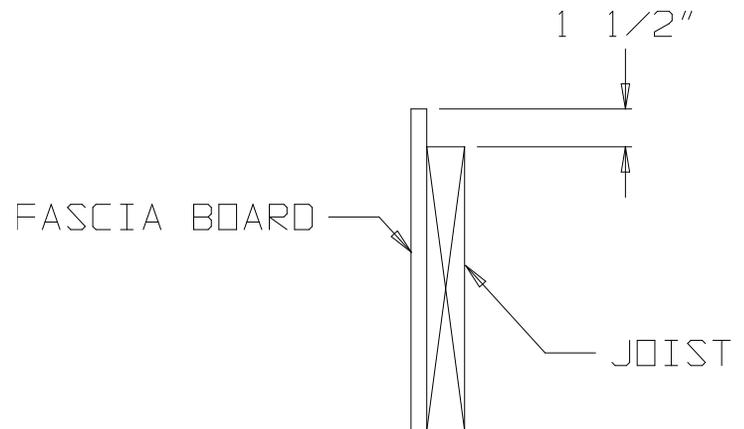
INTERMEDIATE POST BLOCKING

The illustrations above represent the requirements for blocking around corner and intermediate posts.

For the corner post attach the smaller blocking piece to the face of the post. Next, measure and trim a blocking piece that spans the distance between the outer joist and the first running joist. Securely fasten this member to the post as well as the inner and outer joists.

The intermediate post will require 2 blocking pieces that span the outer to inner joist. As in the corner example attach a small blocking piece to the post followed by the 2 spanning blocks. Securely fasten all three pieces to the posts as well as the inner and outer joists.

It is recommended that lag bolts be used to fasten blocking pieces to posts and joists. A minimum of 2 bolts are required to prevent twisting.



FASCIA DETAIL

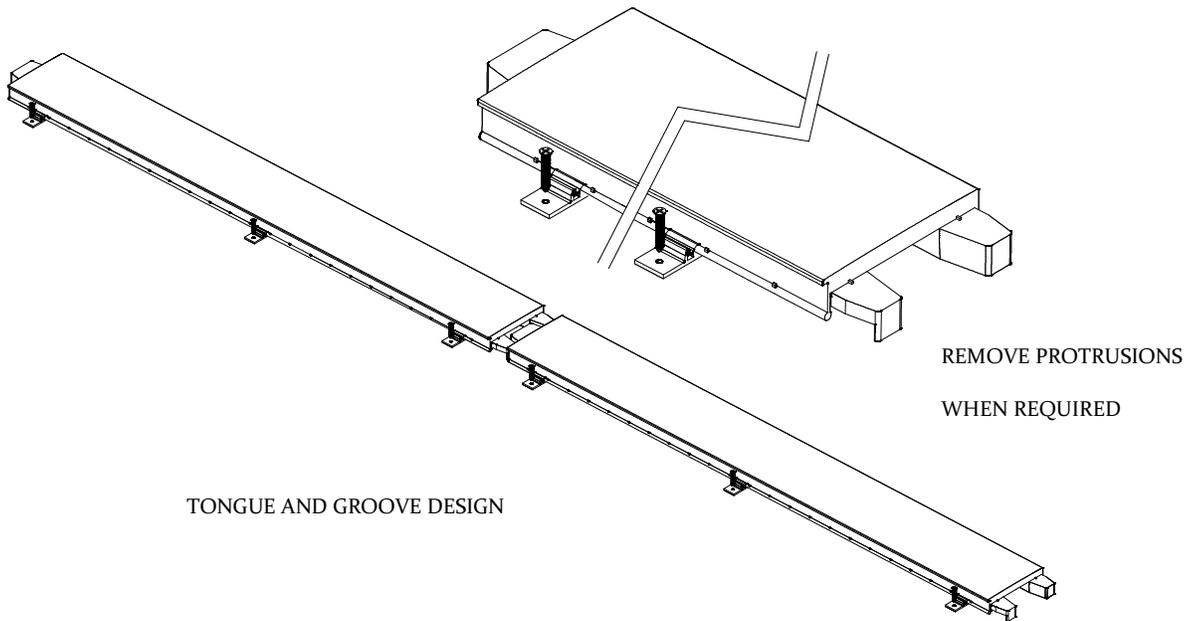
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TREDZ™ DECKING INSTALLATION



1. The installation of decking pieces must begin at the outer corner of the sub-structure.
2. The deck pieces are designed to utilize a hidden clip system as well as a tongue and groove locking feature.
3. Familiarize yourself with the pieces of decking material. You will notice that the bottom of the decking piece has “ball” shaped feature that is designed to snap into the clip.
4. It is essential that the “ball” of the deck piece faces toward the house.
5. It will be necessary to remove the protrusions on each row end of the Tredz™ board at each side of the deck.
6. Using a chop saw cut off the protrusions on the deck material. The “tongues” only need to be removed at each row end.
7. The outermost row decking material can be used at full length. Measure and mark a square cutout for the deck post. Create lines parallel at 1/4” outside of the marked lines. This will create relief to prevent binding of the deck pieces should the post move over time.
8. Using a large drill bit drill through the decking material to create a pilot hole for a sabre saw to finish the square cut.
9. Clips will be used to hold the decking in place. Slide clips onto the “ball” portion of the decking. 3 or 4 clips are required per 4’ section of decking. Clip requirements are determined by the joist spacing of the sub-structure.
10. Slide the deck piece over the post and down to the joists. The piece should fit nicely into the corner with minimal gap. (Providing the post cutout was done properly).
11. Position and secure each clip onto a joist member.
12. The rest of the row can be completed.
13. Slide clips onto the next piece of decking and slide the “tongue” into the “groove” of the mating decking piece. Secure clips to joists.
14. At the opposite end of the row, trim, mark out and cut end piece in the same fashion as you did the first.

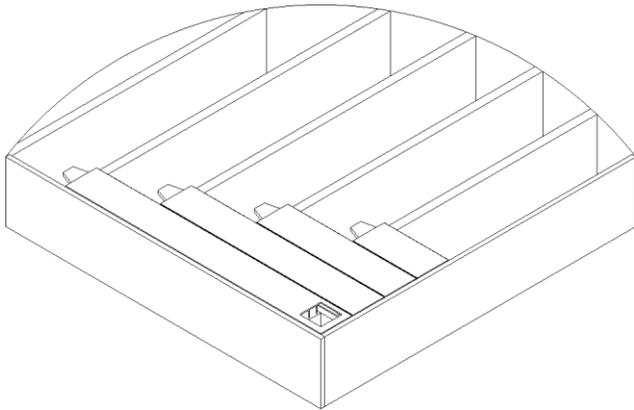
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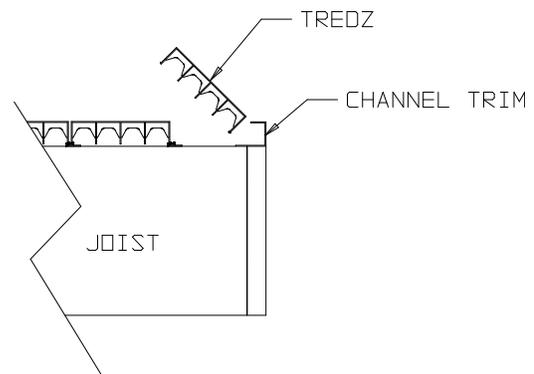
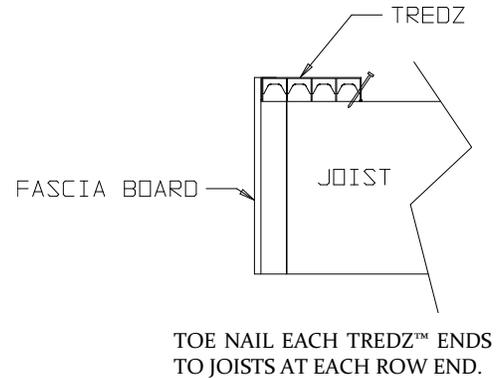
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TREDZ™ DECKING INSTALLATION (CON'T)



DECKING MATERIAL AND POST HAVE BEEN REMOVED FOR CLARITY



13. The remaining field of decking can now be completed.
14. In the above illustration it should be noted that a staggered joint needs to be created.
15. The three lengths of cuts required are 12", 24" and 36" for 12" joist centers. When installing at 16" joist centers the length of cuts are 16" and 32". Do not discard the cut off portions of decking. They will be used at the opposite end of the deck. Remove protrusions from end of decking that rests against the outside frame. **A maximum of 4" overhang is permitted at Tredz™ tongue and groove ends and joists.**
16. As in previous steps, slide clips on, locate decking on joists and fasten clips to joists.
17. Use full length pieces to work across decking until you reach the other side. Using the cutoffs fill the deck surface to complete the row.
18. Running three staggered rows at a time will provide the pieces necessary without waste.
19. **It is required as an additional safety measure to "toe nail" a deck screw at each Tredz™ row end. Drive screw at 45° angle through decking side and into the joist.**
20. Continue installing decking in a staggered fashion until the decking field nears the house.
21. Attach the L shaped Trim piece on the ledger board attached to the structure. This piece will be used to retain the final row of decking.
22. It is likely that the last of row decking will have to be trimmed to fit in the available space. Measure and rip the decking to size.
23. Slide the deck board under the trim piece and snap it into the clip.
24. This completes the installation of the decking platform. Installation of the stairs is next.

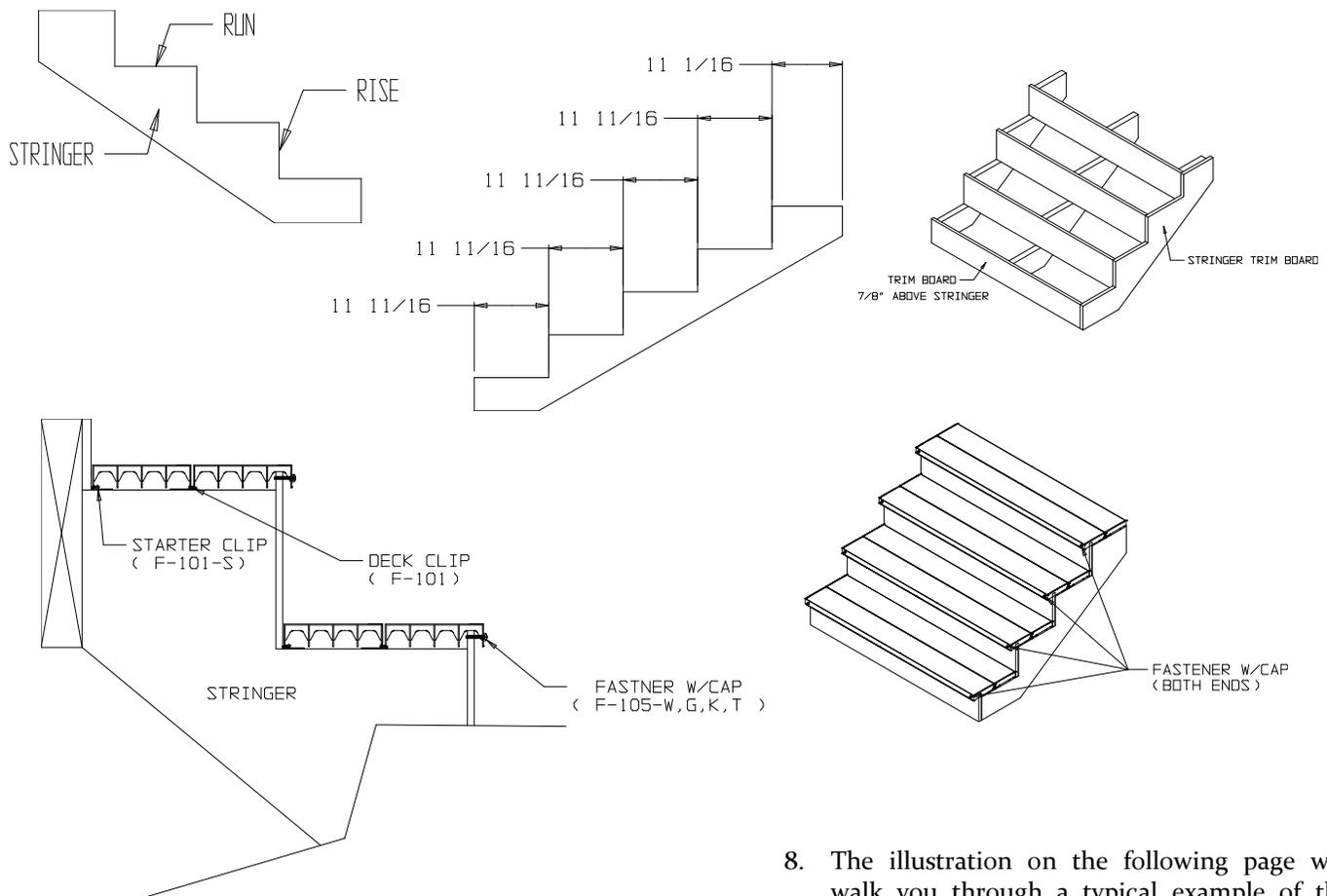
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STAIR STRUCTURE FRAMING AND INSTALLATION



1. It is recommended that stairs of 48" wide be constructed.
2. Shorter widths are acceptable, but require cutting of Tredz™.
3. A fundamental understanding of stringer construction is necessary to successfully build a strong and long lasting stair.
4. In the above illustrations key components of a stair are identified.
5. Run is the horizontal mounting surface for the "Tredz™" decking.
6. Rise is the vertical face of the stringer. This surface is where the riser trim will be mounted. The rise also determines the vertical distance of each step.
7. Stringer the board from which the rise and run are cut from. This board is typically a 2 x 12. Space stringers at 16" centers.

8. The illustration on the following page will walk you through a typical example of the stringer calculation and cutting.
9. Measure and cut the riser trim board to fit. Attach to the face of the riser. The trim board is cut 7/8" taller than the rise, 47" long. Leave this board about 1/2" shorter than tread width.
10. Position starter clips on the stringer butted up against the riser trim face and secure. These clips need to be secured to the stringer first, as the Tredz™ board will conceal the screw.
11. Locate and secure standard deck clips onto the stringer so that a second deck board can be attached to the stringer.
12. Snap tread board into clip. The Tredz™ should overhang the trim board by about 5/8". Drive a screw w/cap through the Tredz™ near each end. This will secure the outer Tredz™ board to the stringer trim board. Care must be taken not to overdrive this screw.
13. Repeat for additional stairs.

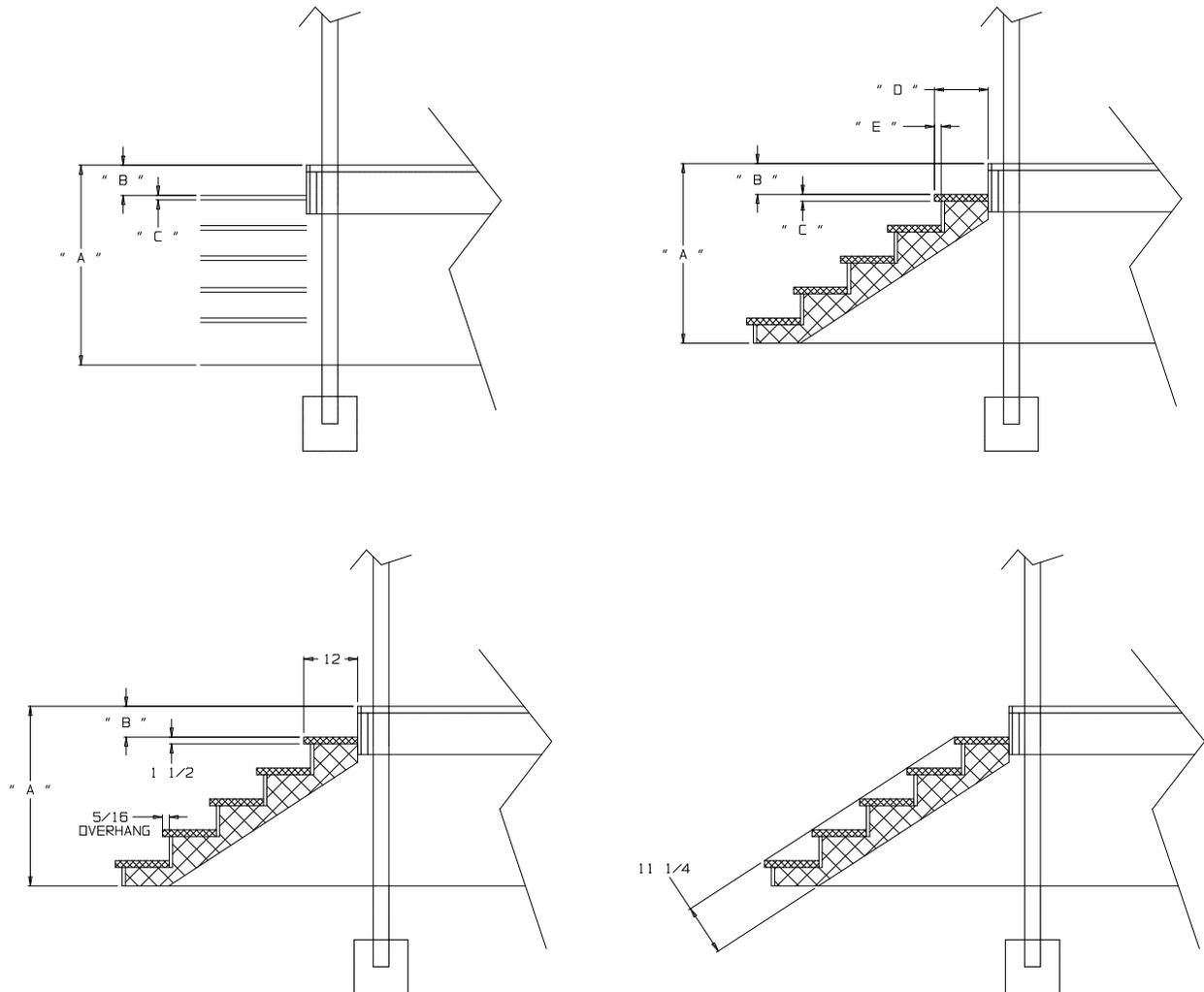
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STAIR STRINGER EXAMPLE



1. In this example the deck surface is 40" "A"
2. Divide 40 by 7 = 5.71 (7" is a common step height)
3. Round this to 6 (Determines how many steps for the deck height)
4. Divide 40 by 6 = 6.67 or 6 11/16 (step heights)
5. 6 11/16 equals the "rise" "B" in the above example
6. Draw 5 lines parallel to "B"
7. Offset "B" by Tredz thickness = 1 1/2" Gives you the horizontal stringer cut line. "C"
8. Measure out from deck surface 12" ("D")
9. "D" equals 2 Tredz boards
10. Subtract 5/16" from 12" = 11 11/16" vertical face of your trim board. "E"
11. Subtract 5/8" from trim board face; this gives you the vertical stringer cut line.
12. Repeat this process for all remaining rise and runs.
13. Strike a line through the tread tips and draw a line parallel 11 1/4" this will give you the back side of the stringer.
14. These values can now be used to layout a common 2 x 12 stringer.

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CARE AND MAINTENANCE

CLEANING

Periodic cleaning with mild soap and water will generally take care of common everyday stains. A plastic bristled scrub brush with a bucket of water and dish soap works well for small isolated stains.

The sooner a stain is removed the better. It is easier to remove a fresh stain than ones that have time to set.

On tougher stains and decking that has not been cleaned routinely, use of a pressure washer is acceptable. Most stains will be removed, returning the appearance of your deck to like new.

WARRANTY

Please refer to separate warranty document which contains the details of the lifetime limited warranty.

DISCLAIMER

The information contained herein is to be believed to be reliable but is not a warranty or representation for which we assume legal responsibility. It is the user's responsibility to undertake sufficient confirmation and testing to determine the appropriateness for their own particular purpose of any information or products referred to herein. Therefore, no warranty for any particular purpose is made or implied.

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