Installation Guide:

Trex® Seclusions®

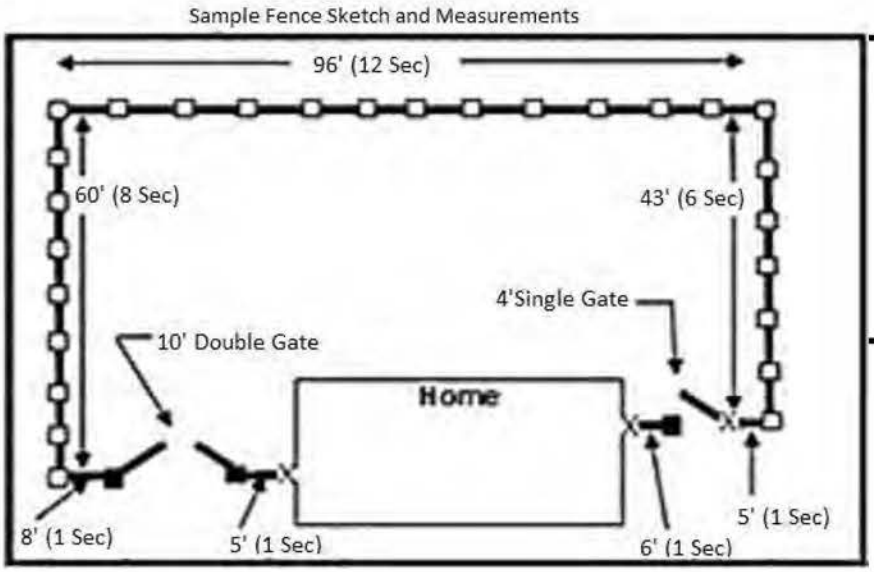
COMPOSITE FENCING SYSTEM

SRF Fence & Supply Co.

Trex®

Fence Distribution

Plan Your Fence



□ line post
■ starting post
X terminal post

Figure the number of sections for each line by dividing the length of each line in inches by 96. Round any remainder up.

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Calculate Materials

The material calculations on this form are intended for rough estimation based on 8' section. Actual numbers may vary.

# of Sections (Divide each line by 96" and round up; add total # of sections):	**Trex Seclusions**	# of Terminal Posts

Items Needed (Per 8' Section)		Multiplier	Sections Material	Qty. For Gates		Total Materials
Material	Quantity			Single	Double	
Top Cap Rail	1	x #_____sections		n/a	n/a	
6' Pickets	19	x #_____sections		n/a	n/a	
Bottom Rail	2	x #_____sections		n/a	n/a	
Steel Bottom Rail	1	x #_____sections		n/a	n/a	
9' Trex Post	1	x #_____sections + # terminal posts		n/a	n/a	
Post Caps	1	x #_____posts		n/a	n/a	
80 lbs Bag Concrete	2	x #_____posts		n/a	n/a	
Trex brackets/fasteners	4	x #_____sections		n/a	n/a	
Steel post insert	based on # of hinge posts					
# of Single Gate(s)			Single Gate Hardware Kit(s)			
# of Double Gate(s)			Double Gate Hardware Kit(s)			

* For standard single gates: (1) small Trex gate panel, (1) steel post insert, and (1) Trex single gate hardware kit.
* For standard double gates: (2) large Trex gate panels, (2) steel gate post inserts, and (1) Trex double gate hardware kit.

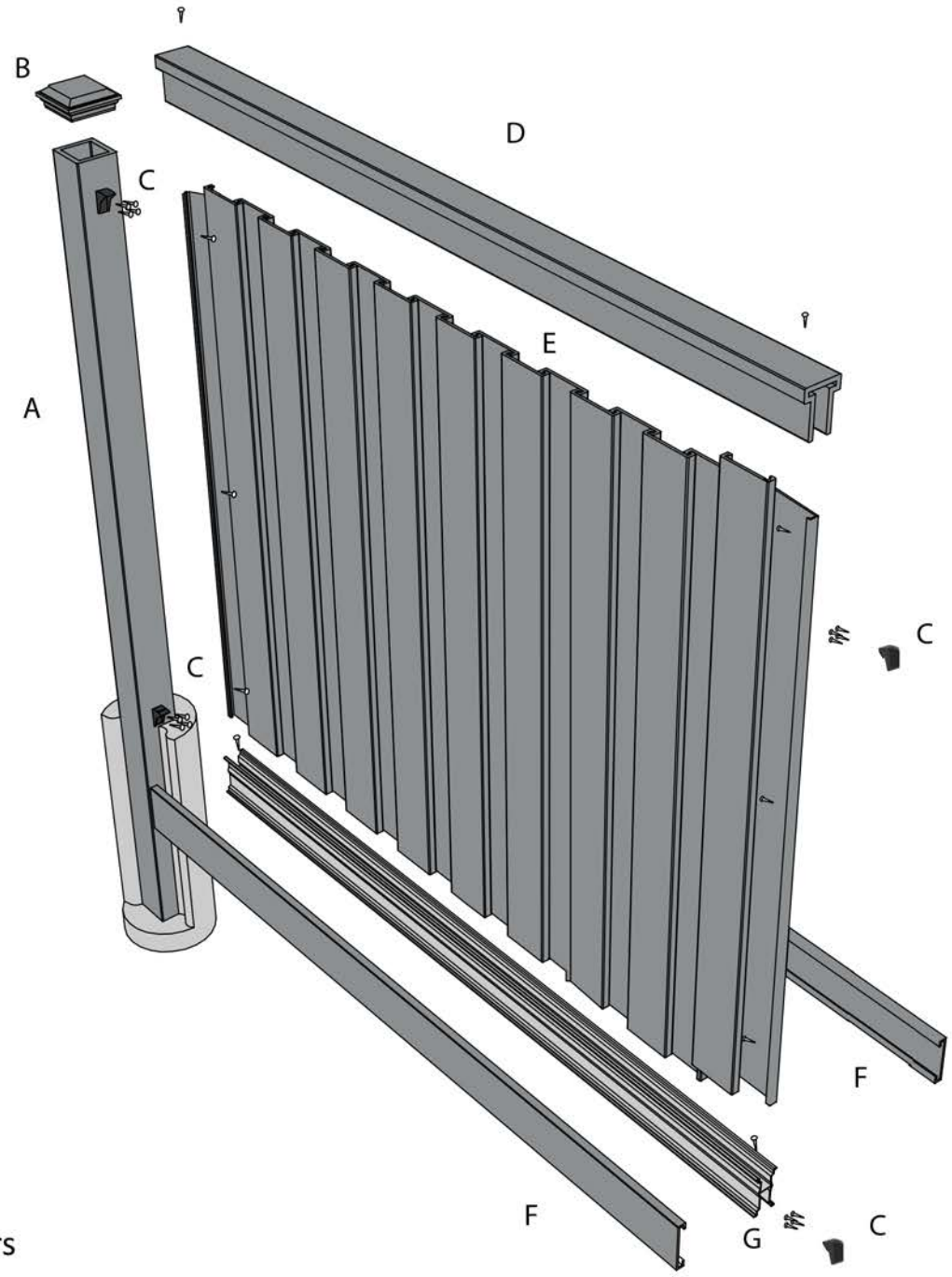
Tools Needed

- ☐ Stakes
- ☐ String Line
- ☐ Marking Paint
- ☐ Hammer
- ☐ Tape Measure
- ☐ Shovel
- ☐ Post Hole Digger
- ☐ Digging Bar
- ☐ Circular Saw
- ☐ Drill
- ☐ Pencil
- ☐ Wheelbarrow
- ☐ 4' Level
- ☐ 12" Miter Saw
- ☐ Speed Square
- ☐ Finish Nail gun (optional)

Before you begin

- ☒ Confirm location of underground utilities with local providers before you dig.
- ☒ Check local HOA and zoning laws which may regulate the height and placement of your fence.
- ☒ Apply for local permits as directed by local code.
- ☒ Wear proper safety protection for eyes and ears.

Exploded View



A. 1 Post

B. 1 Post Cap

C. 4 Fence Brackets

D. 1 Top Rail

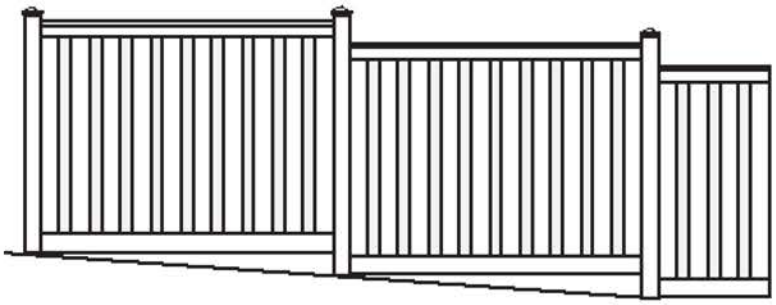
E. 19 Pickets

F. 2 Bottom Rail Covers

G. 1 Aluminum Bottom Rail

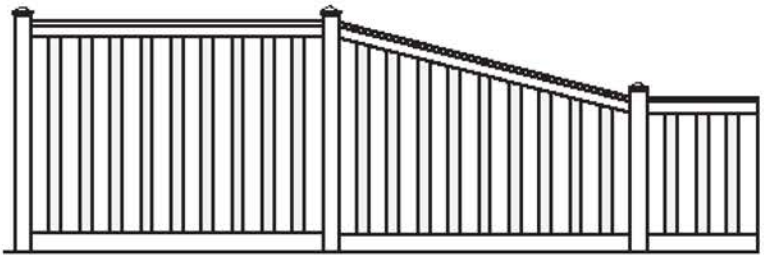
Step 1: Determine Install Method

1. Step Method: This method gradually "steps" up the slope and the rails remain level. This may leave gaps under the fence. The downhill post will need to be set taller. Longer posts may be required. When laying out the fence post spacing, measure on a level line from one post to another.



2. Following the Grade: This method follows the grade or slope with the rails parallel to the ground. The post spacing may need to be reduced to avoid rails being too short because of the angle.

3. Transition: The fence can be easily transitioned to a different height. Post spacing will need to be reduced. Pickets will need to be cut to height.



Step 2: Stake and String

1. Stake & string fence lines. Drive stakes approx. 2 ft. beyond property pins so that stakes will not be disturbed when digging holes, and approx. 4-5 inches inside of property pins to insure no encroaching on neighbors.

2. Mark Location of Posts. Spray paint a line perpendicular to the string every 96" on center. Spray addition line (making a cross) 2" in from the string to mark center of hole (see Fig. 1).

Notes: Laying out posts 96" on center may leave an odd section at the end. For a more uniform look, fence lines may be divided into even sections rather than all 96" centers. However, post layout should not exceed 96 inches center to center or rails will be too short. Ex. If fence line is 68 ft. long, posts would be spaced 90.2" (68 x 12" = 812" / 9 = 90.2") on center.

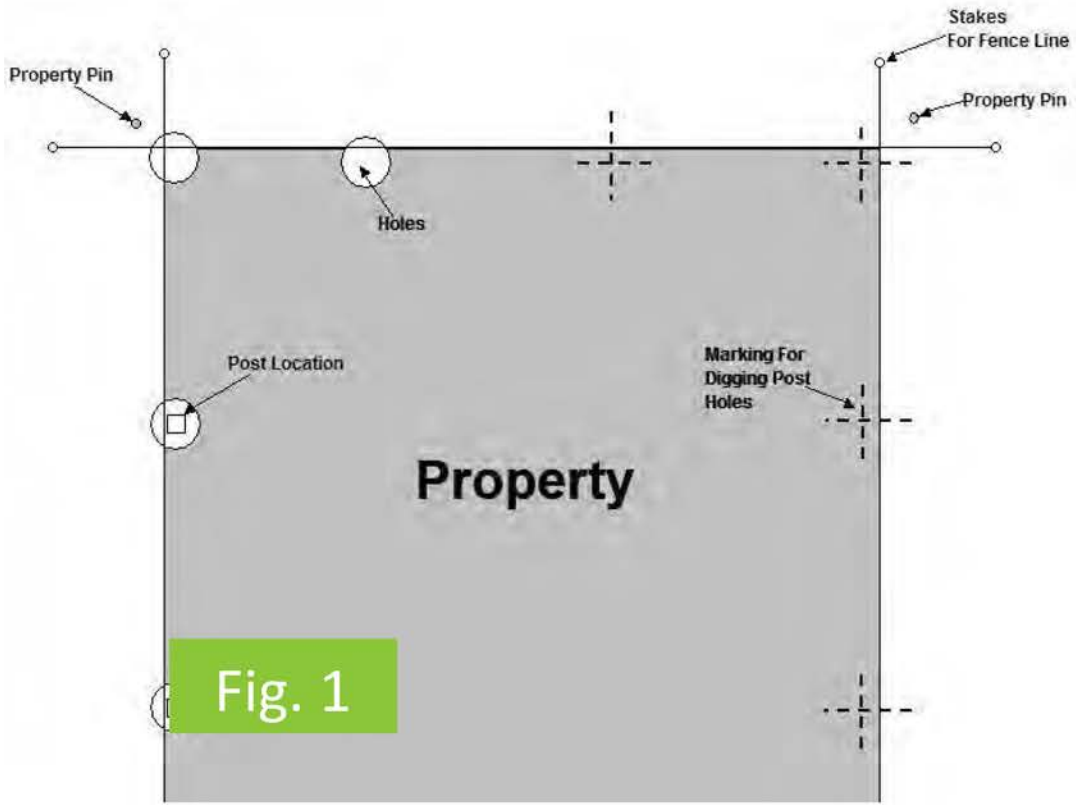


Fig. 1

Step 3: Dig Holes

1. Dig holes for the posts, making sure not to disturb the stakes for the string. The string may be removed and replaced after holes are dug. The holes should be approximately 12" in diameter and 30" deep (depending on local codes). Holes should be dug so that they allow equal amounts of concrete on all sides of posts (see Fig. 2).

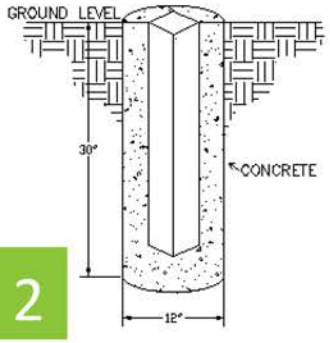


Fig. 2

Step 4: Set Posts

1. Plumb and level each post to the string line using a post level or 4' level* Make sure that the posts are next to but not pushing the string line. Fill the hole with concrete and brace if necessary until concrete is cured. Allow concrete to dry 24-48 hours (depending on temperature) before building (see Fig. 3).

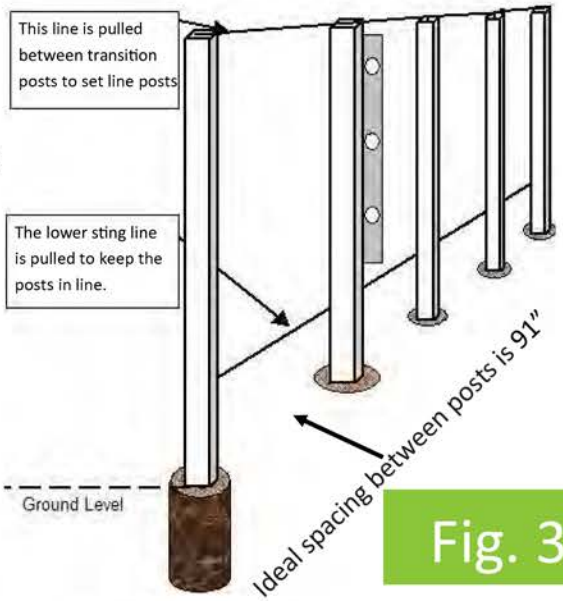


Fig. 3

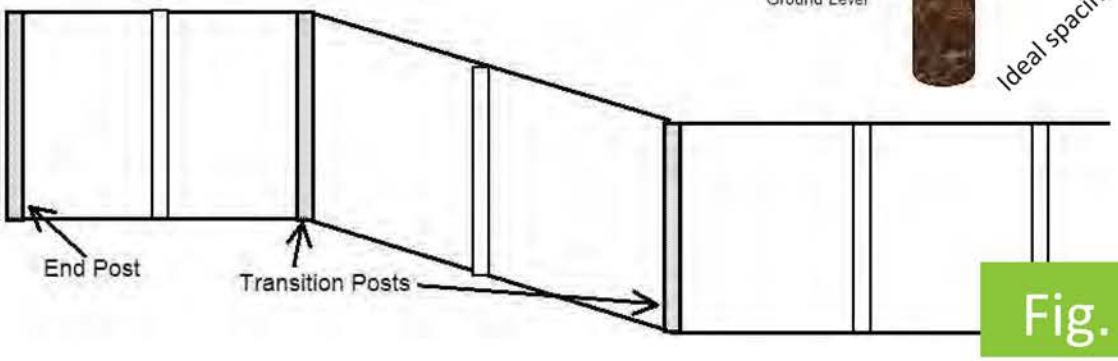


Fig. 4

*Note: If setting posts to height, begin by setting all end, corner and transition (post where grade changes) posts first. Posts should be 74 1/2" inches high**. String a line from the top of these posts, then set the remainder of the posts to the height of the string. (see Fig. 4).

**Refer to page 14 for measurements for fence heights other than 6ft.

Step 5: Cut Posts

1. Cut the tops of the posts (if posts were not set to height). Mark all end, corner and transition posts at 74 1/2”* ** above grade and then string a line from these posts (see Fig.5). Mark all posts and cut to the height of the string using a circular saw.

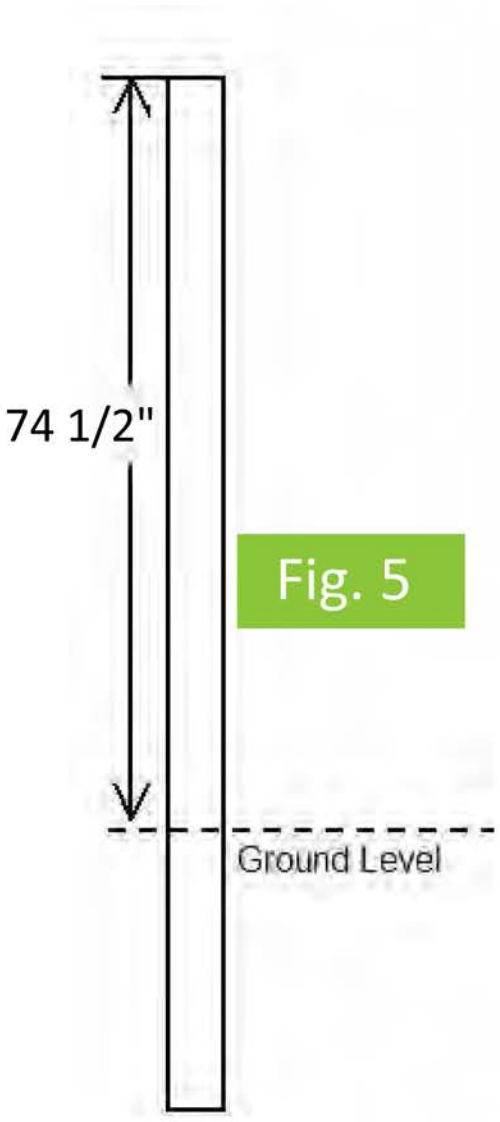
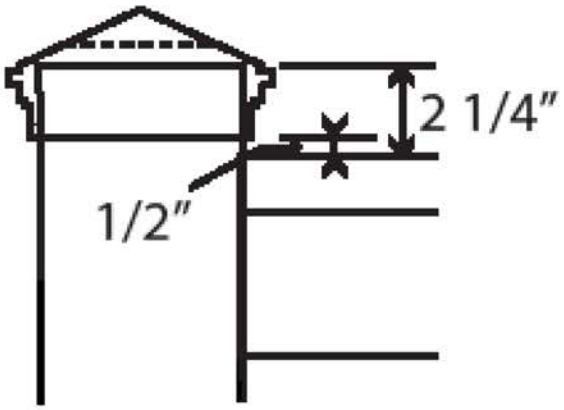


Fig. 5

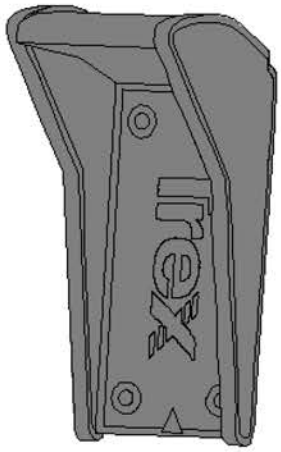


*Note: Typical Post Reveal. If greater reveal is desired, increase post height.

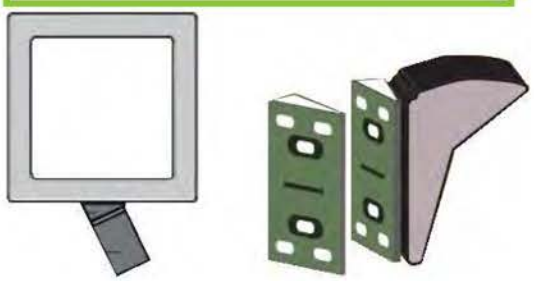
**Refer to page 14 for measurements for fence heights other than 6ft.

Step 6: Attach Rail Brackets

1. Using 1 5/8" fence screws, attach the Fence brackets to the post as follows: Attach a bracket* 5 3/4" down from the top of the post. Attach a bracket 73 5/8" **down from the top of the post (see Fig.6). If the fence is on a slope, the brackets on the downhill side will need to be lowered so that the rails flow smoothly.



*Note: For angles, use angle adaptors with the fence brackets. Each adapter provides a 22.5° of adjustment.



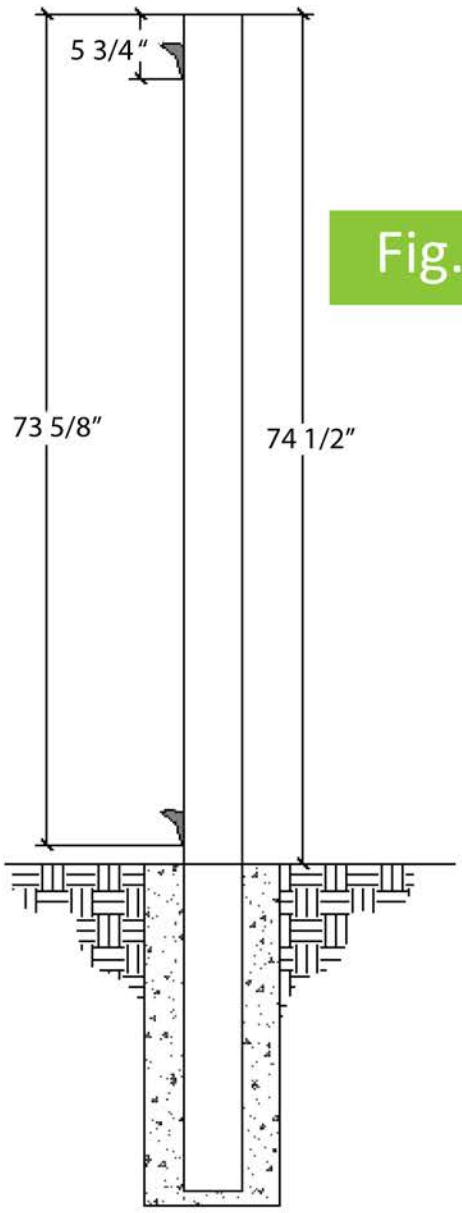


Fig. 6

**Refer to page 14 for measurements for fence heights other than 6ft.

Step 7: Cut Top and Bottom Rails

1. Mark the aluminum bottom rail, bottom rail covers, and top rail for length by holding them next to the post.* (see Fig. 7).
2. Cut the aluminum bottom rail with a nonferrous metal cutting blade. Cut the aluminum 1/2" shorter (do not cut the bottom rail covers shorter) to avoid scratching the post during installation. If the distance between posts is 91", the aluminum rail will not need to be cut.
3. Cut top rail and bottom rail covers with a miter saw.
4. Set the top rail in place over the brackets. Leave the rail in place while marking and cuttng the remaining rails, to ensure all rails fit properly.
5. Slide the bottom rail covers over the aluminum bottom rail as shown (see Fig. 8). Place the assembled bottom rail over the bottom brackets with the deeper channel facing down.

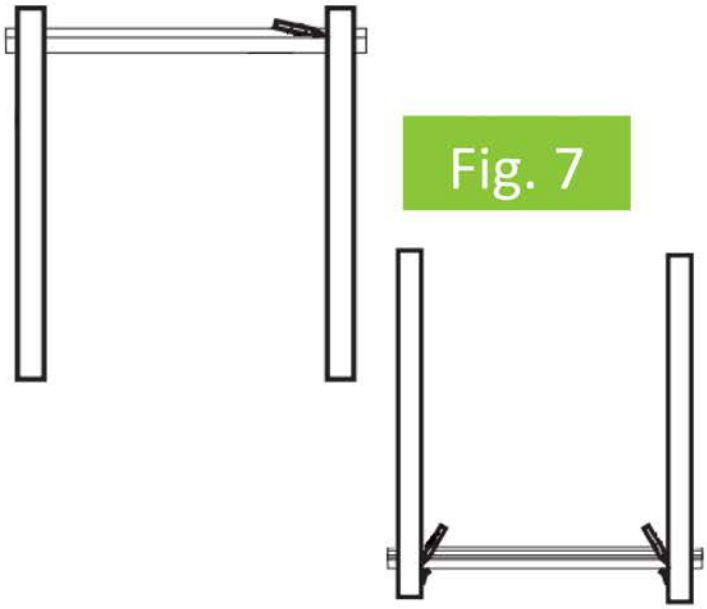


Fig. 7

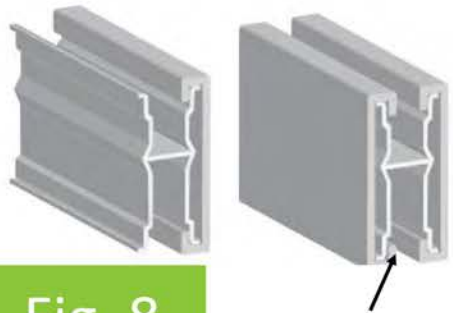


Fig. 8

Place deeper channel over bottom brackets

Step 8: Install Pickets

1. Cut two pickets to attach to the posts an each end. The picket sits inside the aluminum rail and should be cut to fit just below the top bracket (see Fig. 9).
2. Insert the first cut picket into the aluminum rail, and secure it to the post using three 1 5/8" exterior screws (see Fig. 10). If the posts are set at 8' on center, the first and last picket will face the same direction. For shorter sections, the first and last pickets may face in opposite directions.
3. Insert pickets into the bottom rail, alternating their orientation so they interlock (seeFig. 11).
4. If the last picket is tight, it may be easier to remove the second to last picket and reinsert it by sliding it down from above after the last picket is screwed to the post (see Fig. 12).

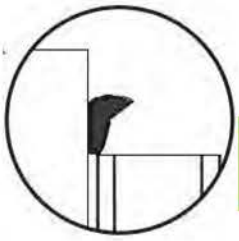


Fig. 9

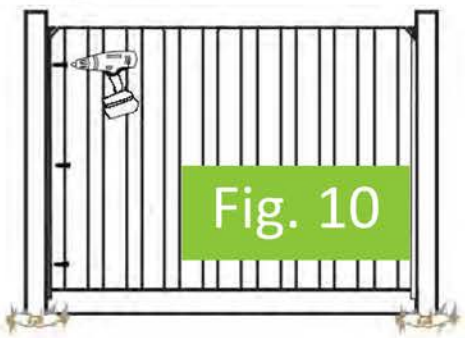
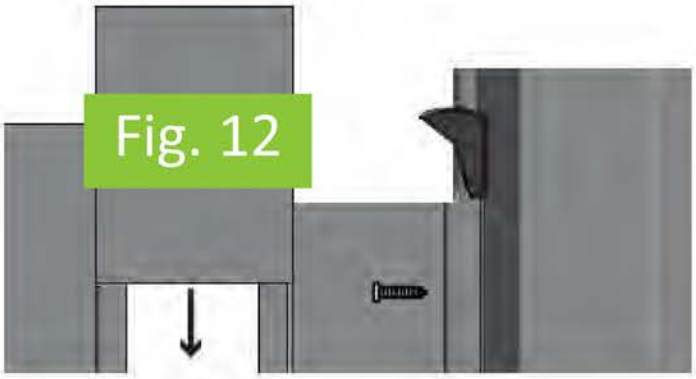


Fig. 10

Fig. 11

Fig. 12



Step 9: Install Top Rail and Secure Pickets

1. Install the top rail by starting at one end and seeing the rail over one fence bracket, gradually lowering over the pickets.
2. Secure the top rail to the fence brackets using 1 5/8" exterior screws through the top of the rail at each end (see Fig. 13).

Fig. 13

3. If the pickets are not all interlocked tightly:

3a. Pull all of the pickets tight towards one post (see Fig. 14). Secure the third to the last picket through the top and bottom rails with finish nails or composite screws (see Fig. 15).

Fig. 14

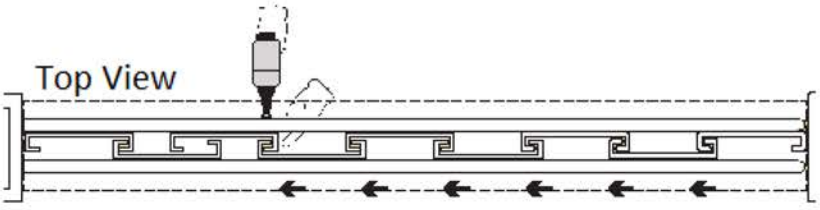


Fig. 15

3b. Evenly space the last picket (see Fig. 16) and secure it through the top and bottom rails with fasteners (finish nails or composite screws) (see Fig. 17). Place additional fasteners through every other picket to prevent rattling.

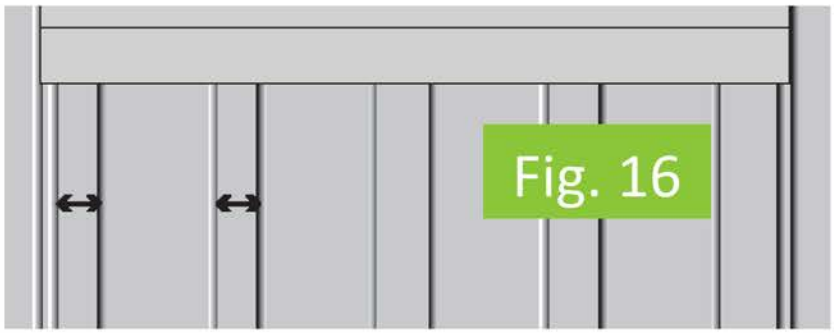


Fig. 16

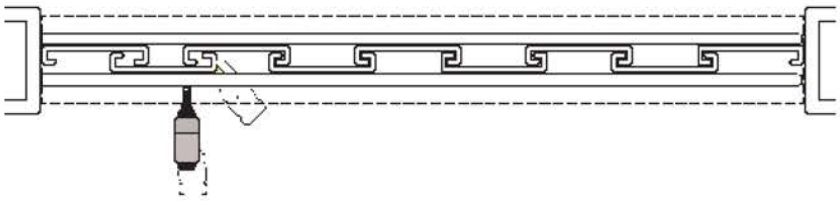
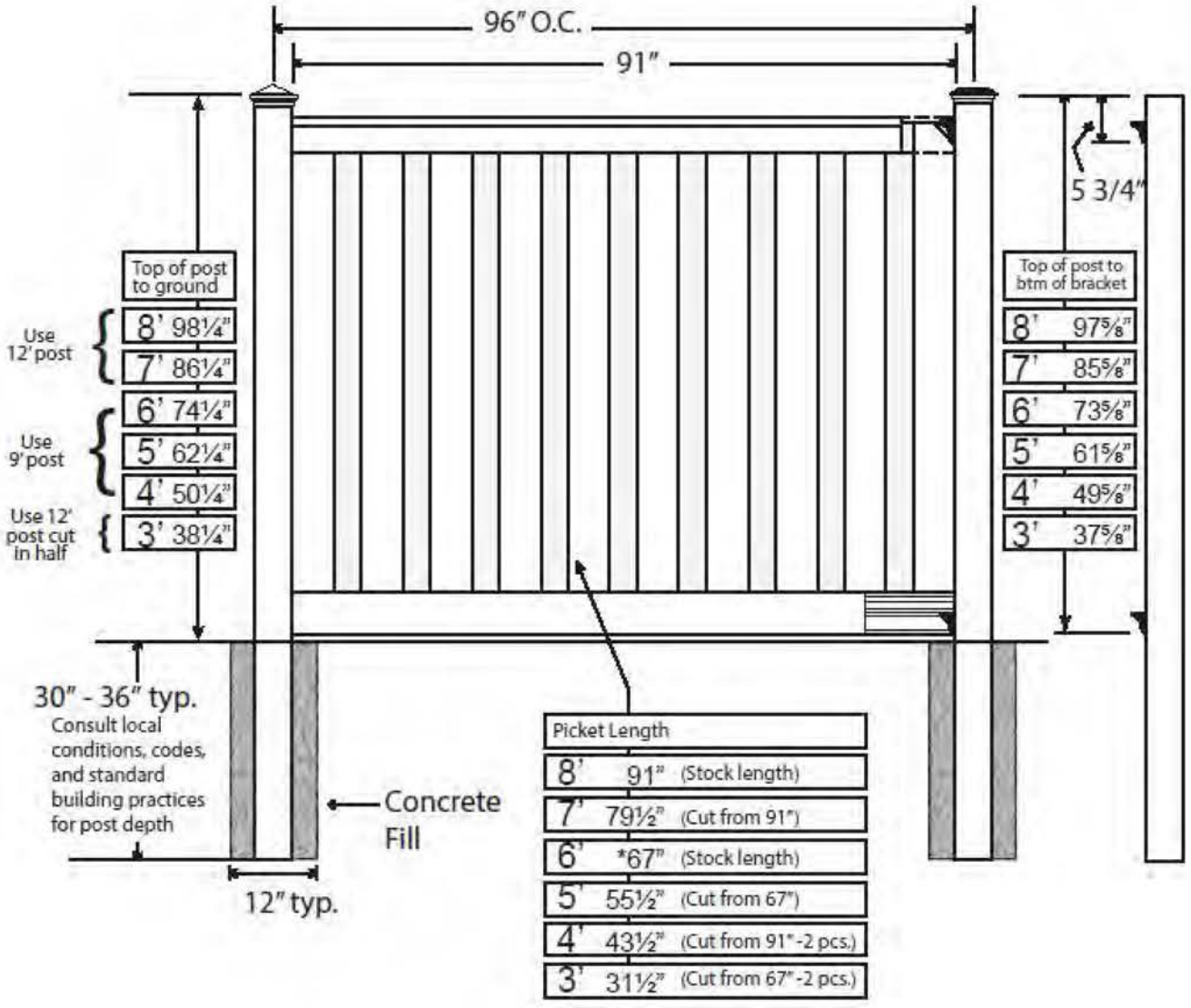


Fig. 17

4. Place post cap onto the post and secure using adhesive or finish nails (see Fig. 18).

Fig. 18

Trex Seclusions (all heights)



Care And Maintenance

Dirt and Debris	Clean fence to remove dirt and debris. Soap, hot water and a soft brush are all that are needed.
Chalk Markings	Most colored chalk lines are permanent. As an alternative to regular chalk, use either baby powder or Irwin Strait-Line Dust-off marking chalk available at www.irwin.com.
Water Spots, Leaf Staining and Wood Tannins	Tannin leaching occurs naturally in Trex® and all wood based products. Allow at least 12 weeks of normal weathering for the staining to become less visible. This process may be hastened through the use of a product containing oxalic or phosphoric acid.*
Scuffs & Abrasions	Scuffs and abrasions can fade or disappear naturally after 12-16 weeks of weathering. If a reduction in the visibility of a scuff or abrasion is desired before the fence weathers, WD-40 can be applied as a temporary solution. Apply a small amount of WD-40 to a rag and lightly rub it into the affected area. Weathering can be accelerated with a product containing oxalic or phosphoric acid, such as a deck brightener.
Rust Stains, Ground-In Dirt and Grime and Pigment Staining	Use a cleaning product containing oxalic or phosphoric acid, such as Deck Brightener from www.Olympic.com, to lighten or remove rust or dirt. The product may need to sit on a stain 10-15 minutes before rinsing. *
Oil and grease Stains	Rinse the stain with hot water as soon as possible. Use a product such as Pour-N-Restore (www.pour-n-restore.com) as directed for any remaining staining (test in a small area first as the product may remove some of the colorant from the fencing surface).
Mold & Mildew	If your area is prone to mold and mildew growth, semi-annual cleaning (typically Spring and Fall) of your fence is important to prevent the build-up of pollen and other debris that can support the growth. Use conventional fence washes or cleaners that contain sodium hypochlorite (bleach) and detergent (refer to the Trex Mold Technical Bulletin for specific recommendations). *
Pressure Washer	Trex does not recommend the use of a pressure washer. The use of a pressure washer on fence surface could damage the fencing and will void the warranty with respect to any condition caused by the pressure washing.
Sanding	Trex Company does not recommend sanding. Sanding will change the appearance of the surface of Trex Material and **will void the warranty**.
Disposal	Trex products should be disposed with normal construction debris or house hold waste. **Do not burn** Trex products.

* Use of products containing bleach or oxalic/phosphoric acid will lighten the surface of Trex®. Use in an inconspicuous area to determine if you like the effect. Neither product will affect the structural integrity of Trex® composite fencing.

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Trex® Seclusions®

COMPOSITE FENCING SYSTEM

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