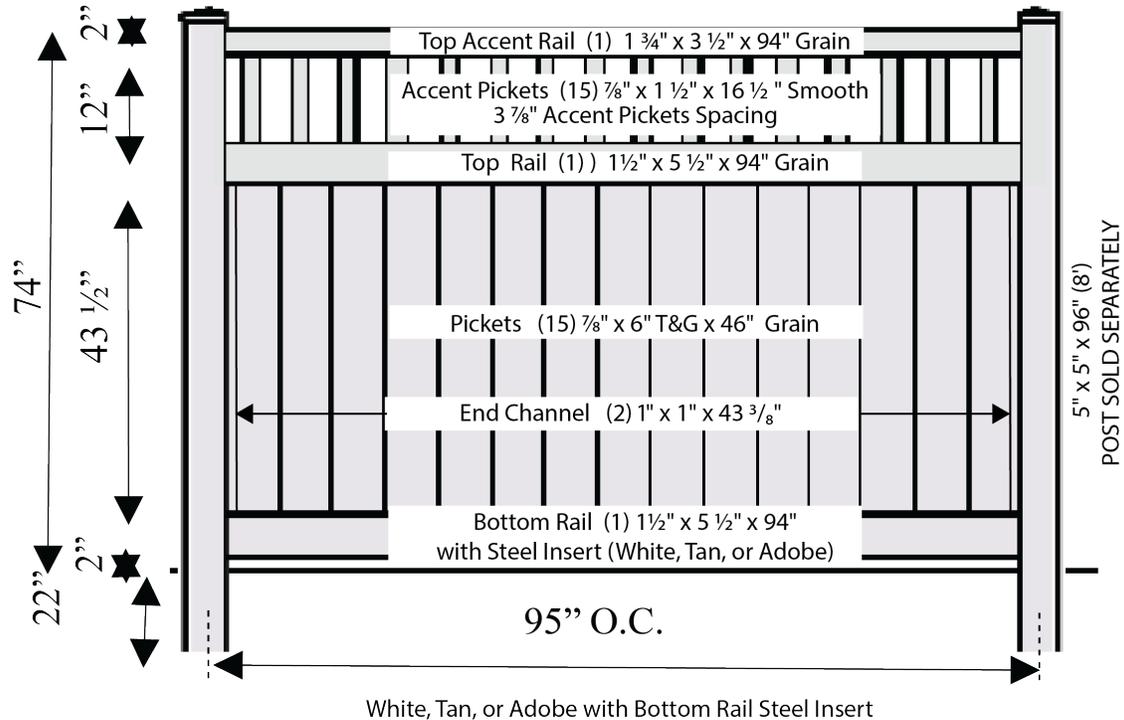


DURAGRAIN PRIVACY VINYL FENCE INSTALLATION GUIDE FOR COLOR WHITE, TAN, OR ADOBE ONLY

DuraGrain Privacy w/ Accent Fence 6' High x 8' Wide DRPG5



A BEFORE YOU START, CHECK THE FOLLOWING

1. That you meet local codes for frontage locations, property lines, fence heights and any permit requirements.
2. **IMPORTANT**
Call before you dig, **is the law** or visit **811.com**. Check with your local utility companies to locate underground pipelines, power lines or cables.

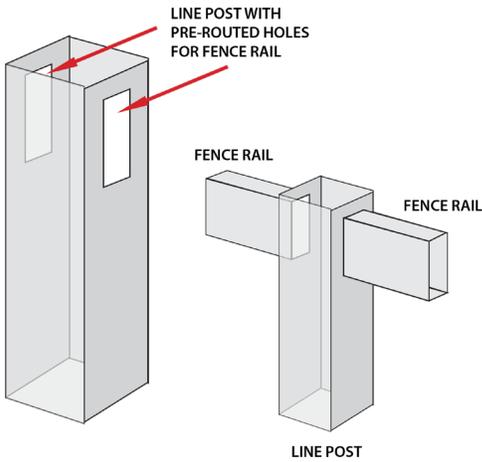
B TOOLS NEEDED FOR INSTALLATION

- String and Marking Stakes
- Line Level
- Speed Square
- Safety Glasses
- #4 Rebar
- Miter Saw/Chop Saw (if cutting down rails, pickets, or posts)
- Concrete/Quickcrete® and Gravel Mix
- Post Hole Digger or Power Auger
- PVC Vinyl Cement
- Gloves
- Shovel

5 TYPES OF VINYL POST

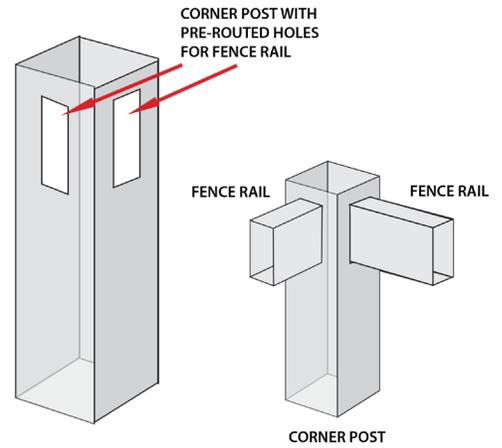
LINE POST

Can be use where two sections of fence meet and are running in a straight line.



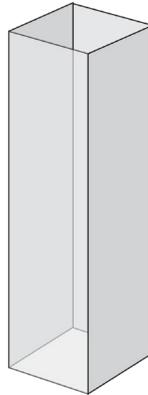
CORNER POST

Can be use where a 90 degree corner.



BLANK POST

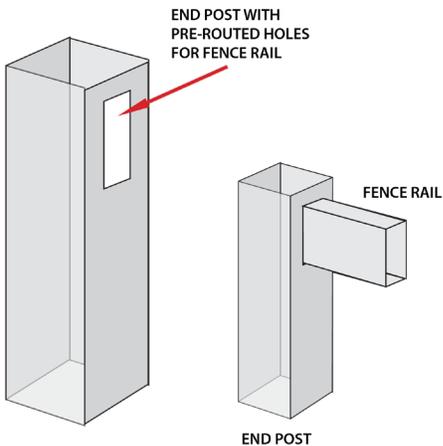
Can be use when no fence is to be attached,
Example: Up next to a structure.



NO PRE-ROUTED HOLES FOR BLANK POST

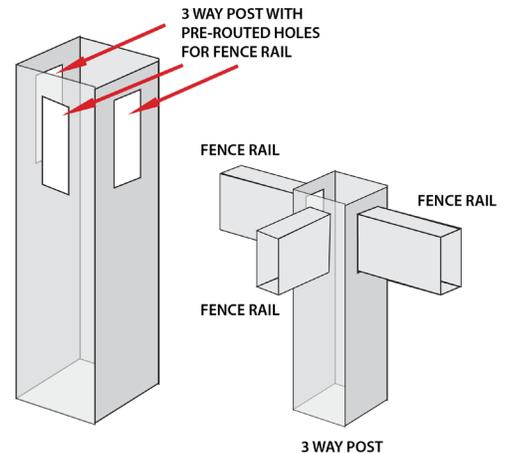
END POST

Can be use where a fence line starts and ends including hinge and latch posts.



3 WAY POST

Can be use to create a 3-Way intersection of fence.



**EACH POST
SOLD
SEPERATELY**

LAYOUT FENCE AND POSITION POSTS

Step 1 PREPARE VINYL FENCE LAYOUT

Installation instructions for fence lay-out, setting posts, cap installation and clean up, are common for each fence style we offer.

IMPORTANT

Consider soil conditions, slopes, utility locations and property lines when positioning posts. In frost regions, dig the post holes deep enough to ensure concrete extends below the frost line.

Duramax Vinyl fences are designed for level or sloping terrain. For significant sloping terrain you will need to modify some of the posts and panel components. Lengthing out the routed holes in the posts and cutting the pickets at the angle of slope will help with assembly on uneven terrain.

1. Locate property lines.
2. Drive stakes at each end of property lines. Then stretch a string between each stake and extend the string 2' beyond property line (Fig. 1a).
3. Mark each end-corner post locations with a stake. For gate posts, refer to gate section for gate opening size.

IMPORTANT

Use the 3-4-5 rule as shown below to ensure for square corners (Fig. 1b).

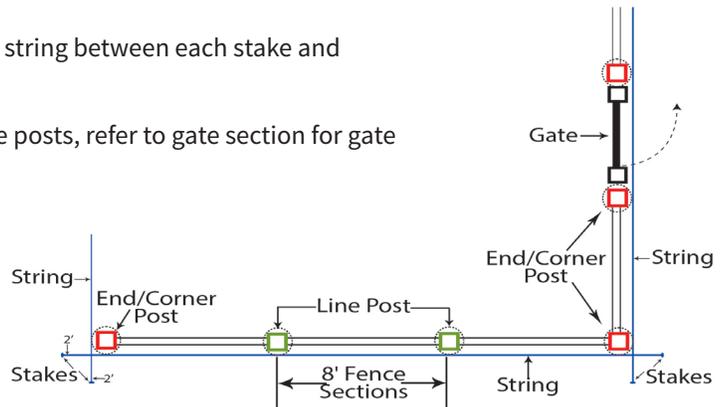


Fig. 1a

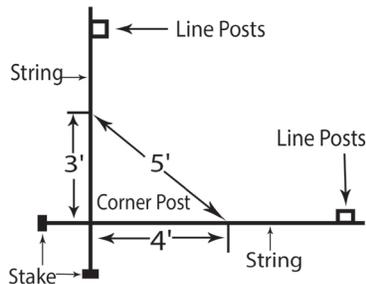


Fig. 1b

POST LOCATION table summarizes sizes and measurements for posts, fence sections and gates.

On Center Distance - refer to the center of one post to the center of adjacent post

Fence Style	Post Size	Post Span	Fence On Center Distance	Gate opening	Post
Privacy with Lattice	5"x5"	68"	73"	48"	53"
Privacy	5"x5"	68"	73"	48"	53"
Picket Fence	4"x4"	68"	72"	48"	52"
Ranch Rail	5"x5"	93"	98"	72"	77"

LAYOUT FENCE AND POSITION POSTS

Step 2 | SETTING VINYL FENCE POSTS

IMPORTANT

Post depth and width will be determined by local weather and soil conditions. In frost regions, dig the post holes deep enough to ensure concrete extends below the frost line. Please check the building code in your area specifies a frost line depth.

SET END-CORNER POSTS

1. Dig all End-Corner post holes first, 10" for 5"x5" post and 8" for 4"x4" in diameter and 24" deep (Fig. 2a).
2. Insert End-Corner Posts into holes and set them in concrete filling hole to 2" below ground level.
3. Make sure all posts are level and plumb.

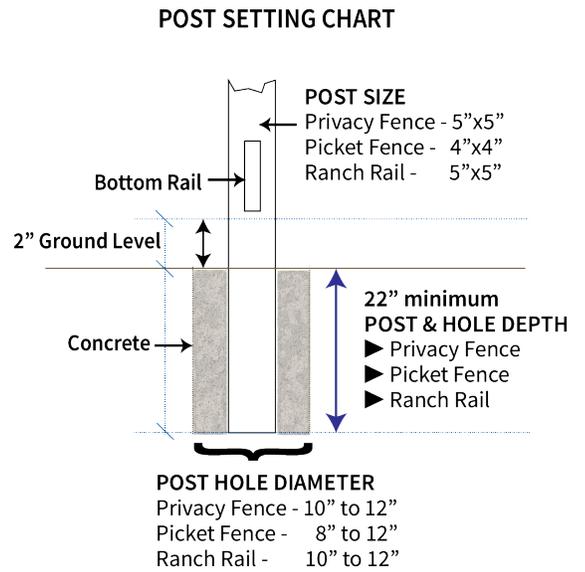


Fig.2a

4. Stake a string line across the top of the End-Corner posts to mark the desired height of the Line posts (Fig. 2b).
5. Now stake out the positions of the Line posts along the string line (Fig. 2b).

IMPORTANT

You will first need to determine the "post on center distance", the measurement from the center of one post to the center of the next.

Example for Privacy Fence: Section width = 90" Post size = 5" (5x5) Total "Post On Center distance" = 95"

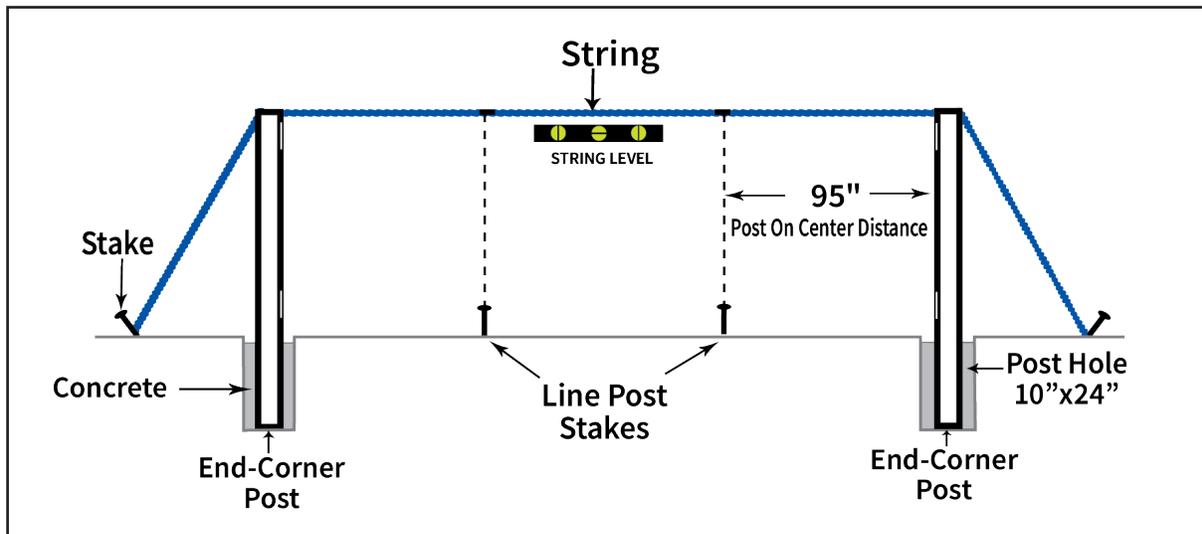


Fig.2b

LAYOUT FENCE AND POSITION POSTS

Step 3 FILL END-CORNER POSTS WITH RE-BAR & CONCRETE

Mix concrete according to manufacturers specifications. Place and hold the post while pouring concrete 6" at a time, tamping to eliminate air pockets. Leave enough space at the top of the concrete to allow sod to grow around the post. Set the correct post height, plumb and level each post.

IMPORTANT
BEFORE FILLING GATE POSTS WITH CONCRETE, MAKE SURE THAT THE GATE HARDWARE IS INSTALLED FOLLOWING THE INSTRUCTIONS IN THE GATE SECTION.

Before concrete sets, site down the fence line and, if necessary, adjust posts. If posts are too high, place a wooden block across the top of the post and tap down with a rubber mallet. Allow post concrete to set 24 hours before installing fence sections.

For added strength End-Corner posts should be filled up to 2" from the top of the post with concrete and rebar.

1. Each end, corner or gate post takes 2 pieces of 1/2" diameter rebar cut 4" shorter than the post length located at opposing corners of post (Fig. 3a).

IMPORTANT
Rebar should extend to the ground a minimum of 12".

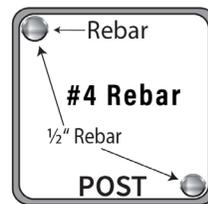


Fig.3a

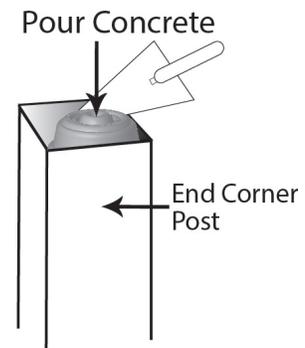


Fig.3b

2. Now fill the posts with concrete, tapping on the sides of the post to remove air-pockets in the concrete (Fig.3b).

3. Clean up excess concrete with water before it dries.

Concrete Requirements:

4x4 Line Posts = approx 100 lbs	4x4 End, Corner, Gate post = approx 160 lbs
5x5 Line Posts = approx 140 lbs	5x5 End, Corner, Gate post = approx 260 lbs

STEP 4 POST CAP INSTALLATION

Apply a small amount of PVC glue in each corner of the post cap and insert the external post cap on top of the post by tapping lightly on top of the post cap until it securely fits the post top. Wipe off any pvc glue residue (Fig.4).

NOTE: Post Cap sold separately.

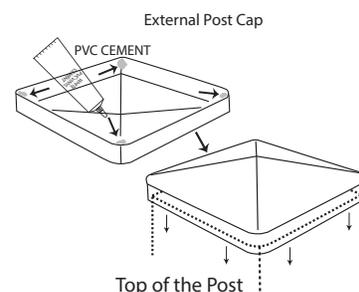


Fig.4

ASSEMBLE AND INSTALL SECTIONS

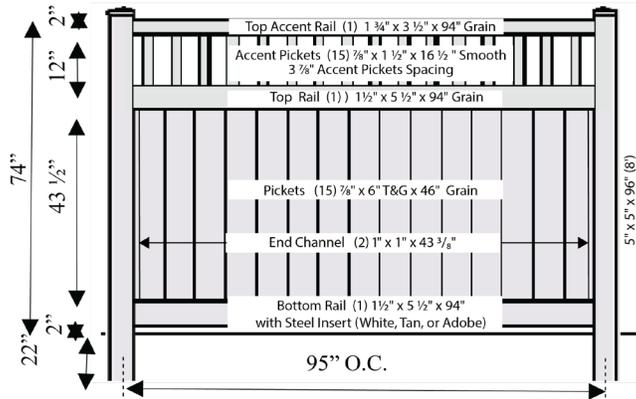
Having set your posts, you are now ready to assemble the fence sections for your specific Privacy Product Item Model as below.

IMPORTANT

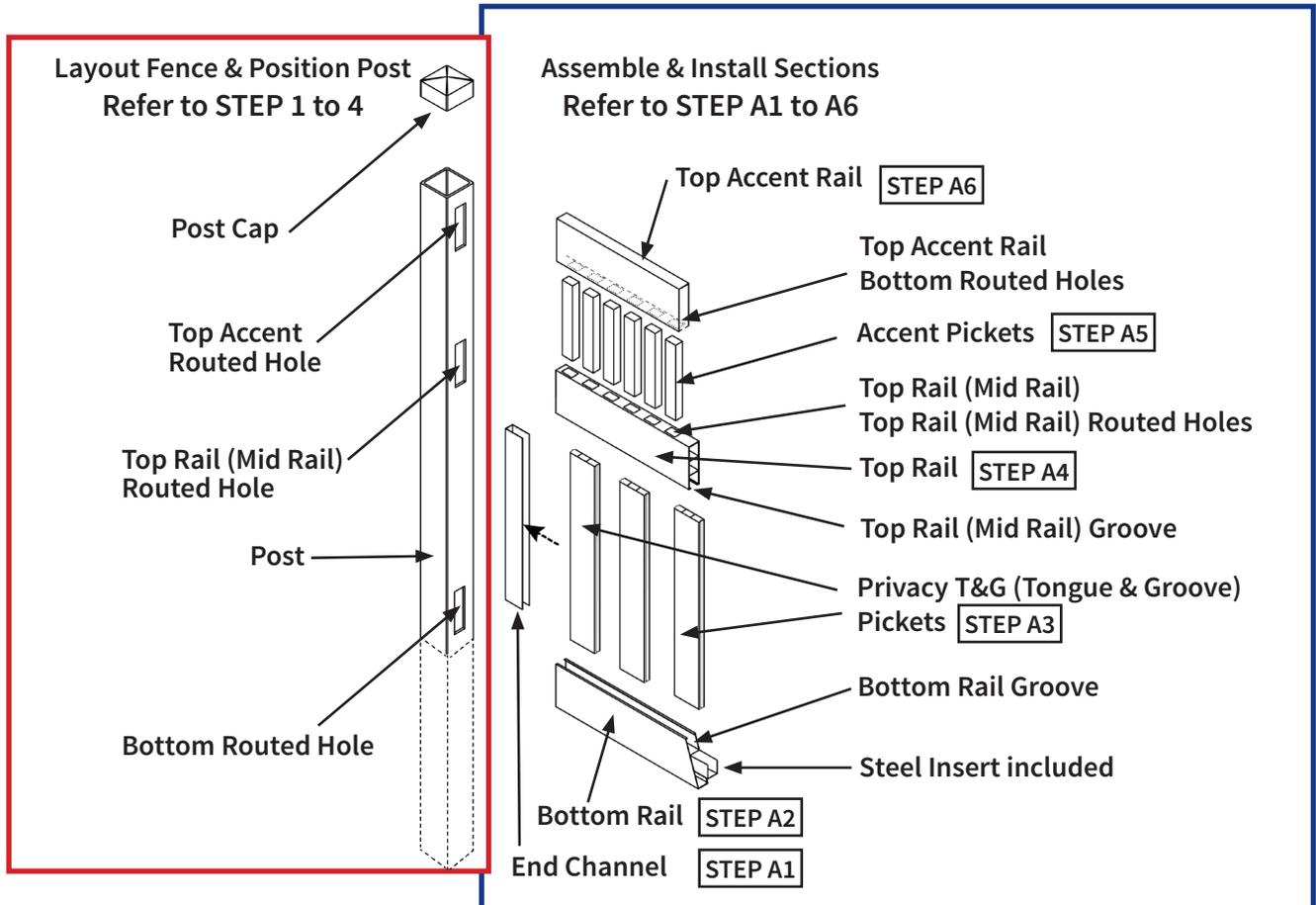
Protect the finish of your fence during assembly by assembling on a dry, clean and smooth surface.

NOTE: Rail Style, Picket Panels Style and number of pickets panels may differ depending on the Privacy Product Item Model.
Sold Separately: Post, Post Caps, End Channel

DuraGrain Privacy w/ Accent Fence 6' High x 8' Wide DRPG5



White, Tan, or Adobe with Bottom Rail Steel Insert



ASSEMBLE AND INSTALL SECTIONS

STEP A1: INSTALL END CHANNEL

Center the end channel on the post between the bottom and top rail holes. Position the flat side of the end channel against the post and secure the channels to the posts using 3, #8 x ¾" stainless steel self tapping screws (Fig. A1).

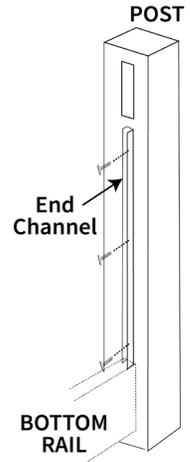


Fig.A1

STEP A2: INSTALL BOTTOM RAIL

Slide and insert the Bottom Rail (A), groove side up into the bottom hole of the post. Starting at end or corner place the next post into the next hole. Now slide the next Bottom Rail into the bottom hole of the next post (Fig. A2). Repeat these steps until all rails are inserted (B).

NOTE: If post spacing is less than 8' on center, cut a piece from the end of the t bottom rail to get the desired length. Steel Reinforcement Channel need to be inserted first before installing bottom rail.

Steel Reinforcement Channel (AS AN OPTIONAL ITEM ON CERTAIN PRIVACY PRODUCT ITEM MODEL) need to be inserted first to the rail before installing the bottom rail (Fig. A2B).

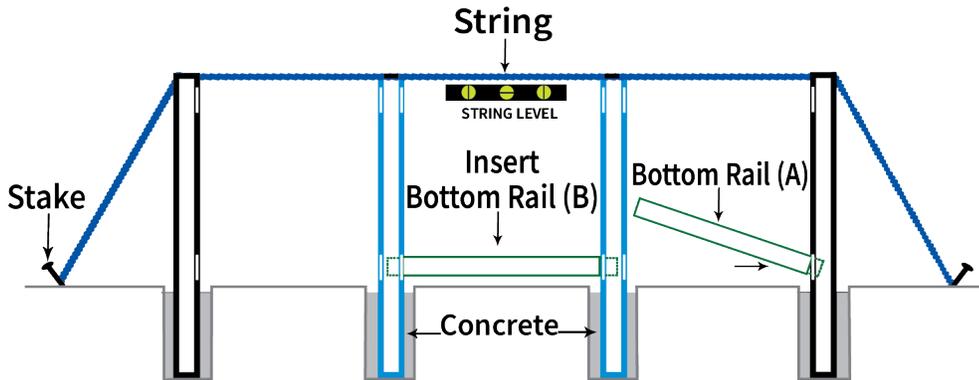


Fig.A2

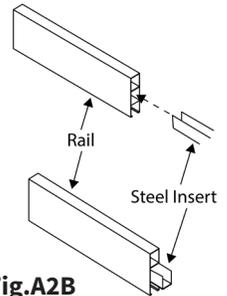


Fig.A2B

STEP A3: INSERT PRIVACY PICKETS

Starting on one end, insert privacy pickets into groove on bottom rail and end channels. Continue across the panel inserting the remaining pickets and interlocking the (T&G) tongues and grooves of the pickets securely (Fig. A3).

NOTE: If post spacing is less than 8' on center, you can cut the picket board on one side. The cut side of picket always goes against the post (Fig. A3b).

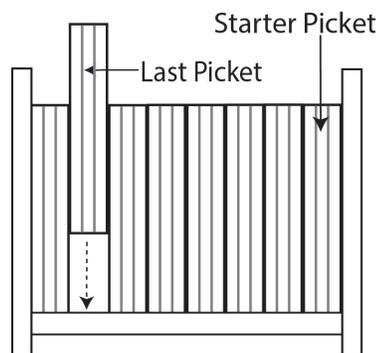


Fig.A3

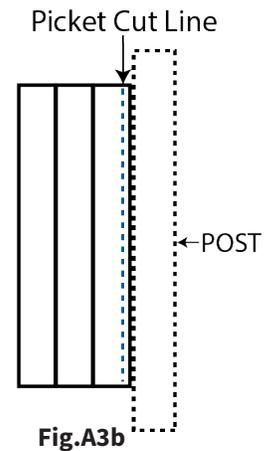


Fig.A3b

STEP A4: INSTALLING TOP RAIL (MID RAIL)

Install top rail (mid rail) into mid hole of post, groove side down, sliding over pickets at an angle. Lower top rail (mid rail) groove onto pickets, sliding rail as far as possible into the first post. When privacy picket is fully engaged in top rail (mid rail), slide rail into second post (Fig. A4).

NOTE: If post spacing is less than 8' on center, cut a piece from the end of the top rail (mid rail) to get the desired length.

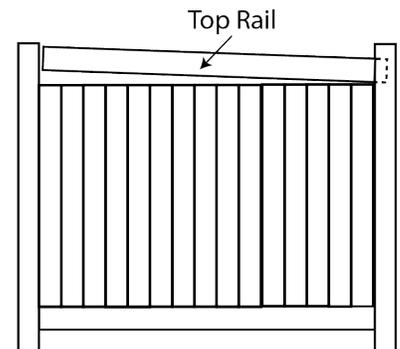


Fig.A4

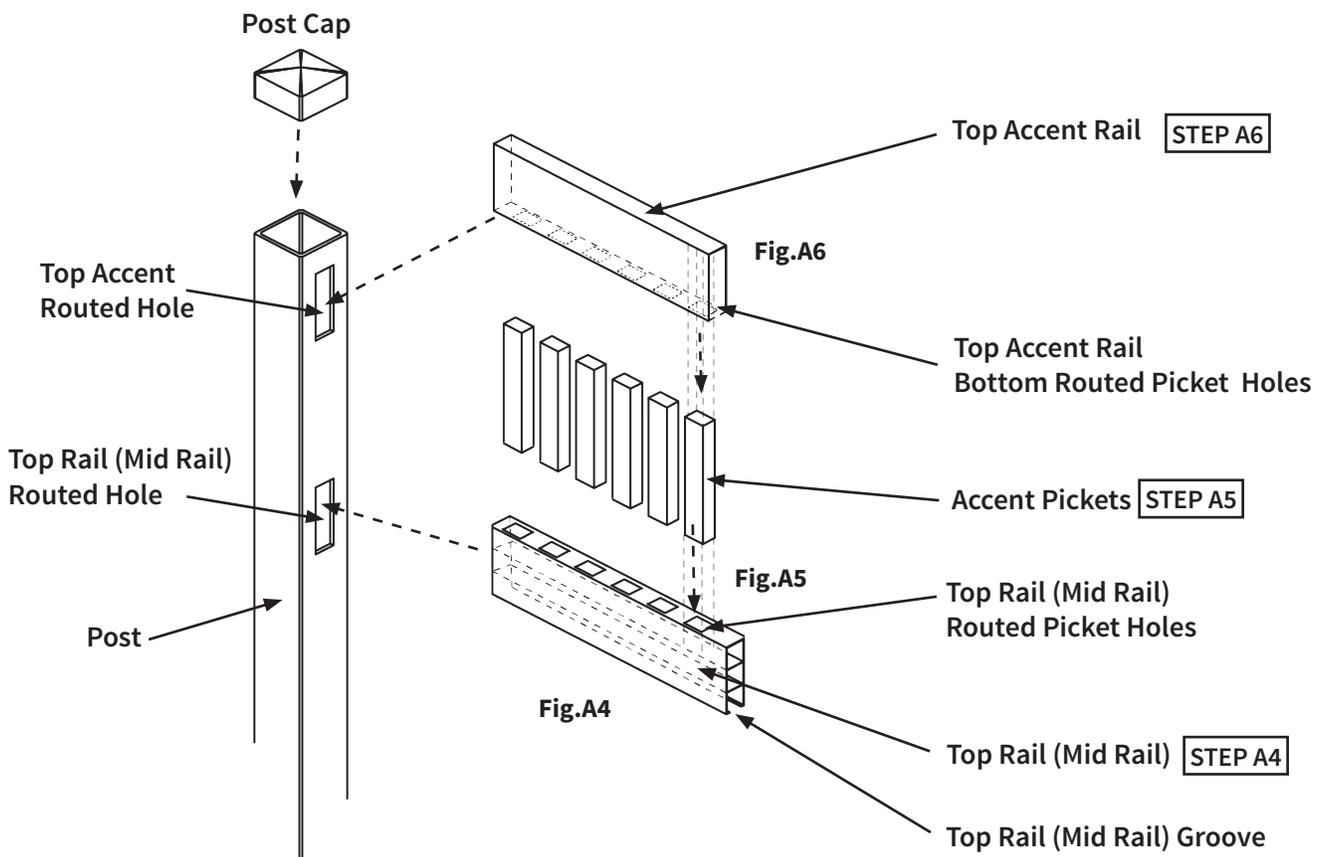
ASSEMBLE AND INSTALL SECTIONS

STEP A5: INSTALLING ACCENT PICKETS

Insert the accent pickets into the routed holes in the top rail (mid rail) Fig. A5.

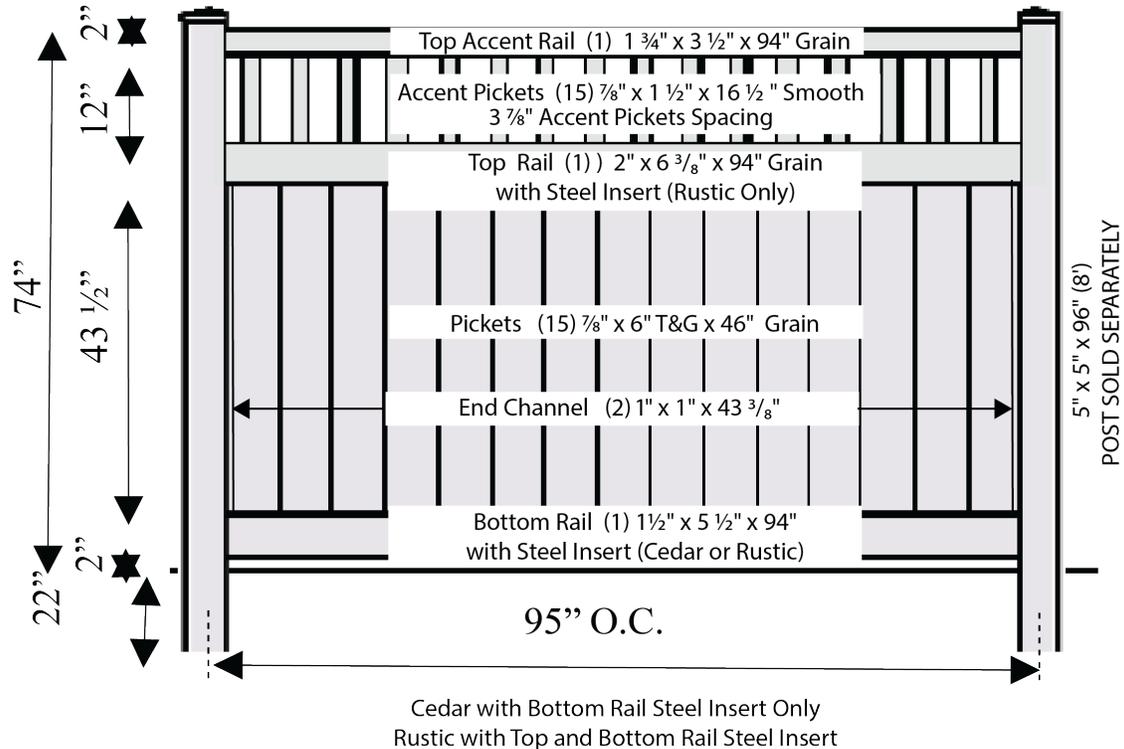
STEP A6: INSTALLING TOP ACCENT RAIL

Slide the top accent rail into top hole of the post angled upward. Holding the top accent rail at an upward angle, slowly line the accent pickets up with the routed holes in the top accent rail while lowering the rail into place. (Fig. A6). Ensure the accent pickets are fully engaged on both top accent rail and top rail (mid rail) Fig.A5.



DURAGRAIN PRIVACY VINYL FENCE INSTALLATION GUIDE FOR COLOR CEDAR AND RUSTIC ONLY

DuraGrain Privacy w/ Accent Fence 6' High x 8' Wide DRPG5



A BEFORE YOU START, CHECK THE FOLLOWING

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2. **IMPORTANT**
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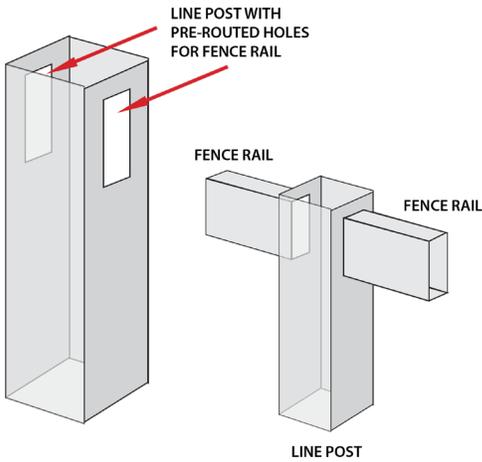
B TOOLS NEEDED FOR INSTALLATION

- String and Marking Stakes
- Line Level
- Speed Square
- Safety Glasses
- #4 Rebar
- Miter Saw/Chop Saw (if cutting down rails, pickets, or posts)
- Concrete/Quickcrete® and Gravel Mix
- Post Hole Digger or Power Auger
- PVC Vinyl Cement
- Gloves
- Shovel

5 TYPES OF VINYL POST

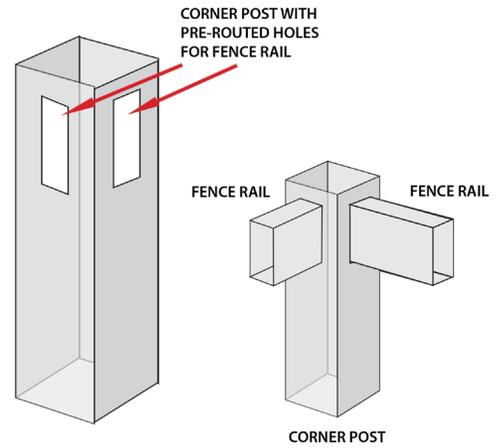
LINE POST

Can be use where two sections of fence meet and are running in a straight line.



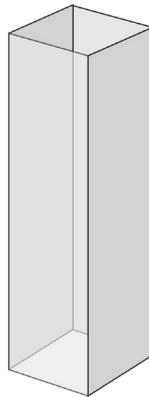
CORNER POST

Can be use where a 90 degree corner.



BLANK POST

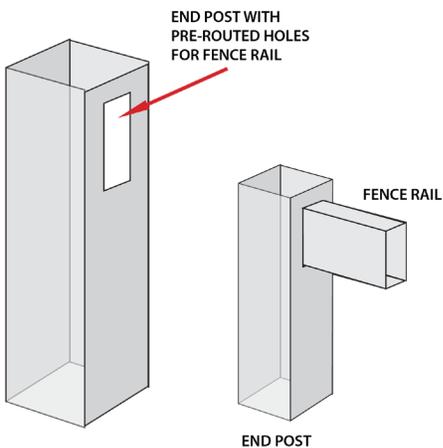
Can be use when no fence is to be attached,
Example: Up next to a structure.



NO PRE-ROUTED HOLES FOR BLANK POST

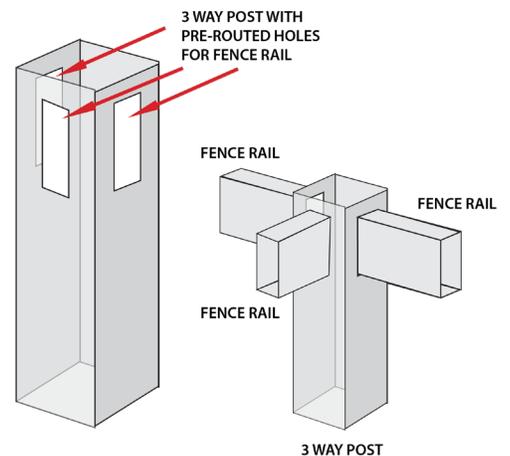
END POST

Can be use where a fence line starts and ends including hinge and latch posts.



3 WAY POST

Can be use to create a 3-Way intersection of fence.



**EACH POST
SOLD
SEPERATELY**

LAYOUT FENCE AND POSITION POSTS

Step 1 | PREPARE VINYL FENCE LAYOUT

Installation instructions for fence lay-out, setting posts, cap installation and clean up, are common for each fence style we offer.

IMPORTANT

Consider soil conditions, slopes, utility locations and property lines when positioning posts. In frost regions, dig the post holes deep enough to ensure concrete extends below the frost line.

Duramax Vinyl fences are designed for level or sloping terrain. For significant sloping terrain you will need to modify some of the posts and panel components. Lengthing out the routed holes in the posts and cutting the pickets at the angle of slope will help with assembly on uneven terrain.

1. Locate property lines.
2. Drive stakes at each end of property lines. Then stretch a string between each stake and extend the string 2' beyond property line (Fig. 1a).
3. Mark each end-corner post locations with a stake. For gate posts, refer to gate section for gate opening size.

IMPORTANT

Use the 3-4-5 rule as shown below to ensure for square corners (Fig. 1b).

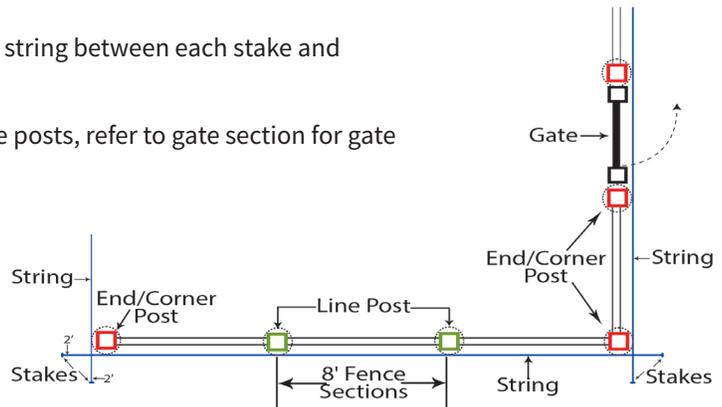


Fig. 1a

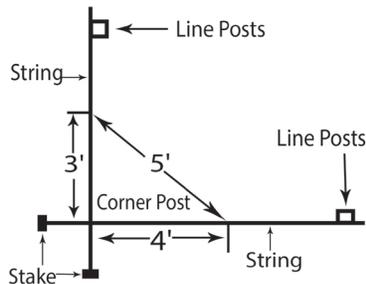


Fig. 1b

POST LOCATION table summarizes sizes and measurements for posts, fence sections and gates.

On Center Distance - refer to the center of one post to the center of adjacent post

Fence Style	Post Size	Post Span	Fence On Center Distance	Gate opening	Post
Privacy with Lattice	5"x5"	68"	73"	48"	53"
Privacy	5"x5"	68"	73"	48"	53"
Picket Fence	4"x4"	68"	72"	48"	52"
Ranch Rail	5"x5"	93"	98"	72"	77"

LAYOUT FENCE AND POSITION POSTS

Step 2 | SETTING VINYL FENCE POSTS

IMPORTANT

Post depth and width will be determined by local weather and soil conditions. In frost regions, dig the post holes deep enough to ensure concrete extends below the frost line. Please check the building code in your area specifies a frost line depth.

SET END-CORNER POSTS

1. Dig all End-Corner post holes first, 10" for 5"x5" post and 8" for 4"x4" in diameter and 24" deep (Fig. 2a).
2. Insert End-Corner Posts into holes and set them in concrete filling hole to 2" below ground level.
3. Make sure all posts are level and plumb.

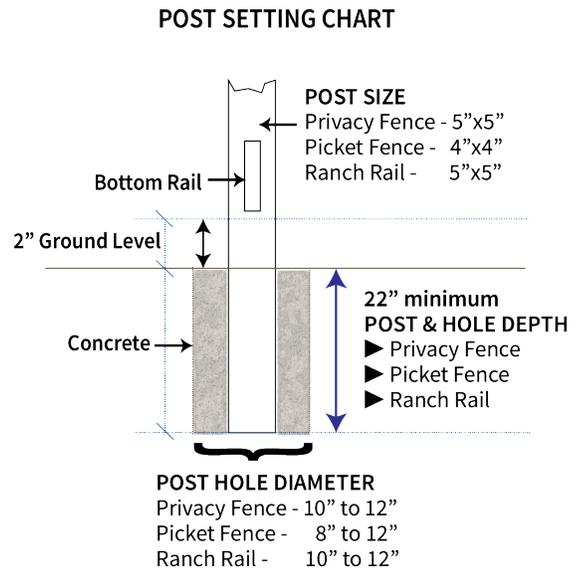


Fig.2a

4. Stake a string line across the top of the End-Corner posts to mark the desired height of the Line posts (Fig. 2b).
5. Now stake out the positions of the Line posts along the string line (Fig. 2b).

IMPORTANT

You will first need to determine the "post on center distance", the measurement from the center of one post to the center of the next.

Example for Privacy Fence: Section width = 90" Post size = 5" (5x5) Total "Post On Center distance" = 95"

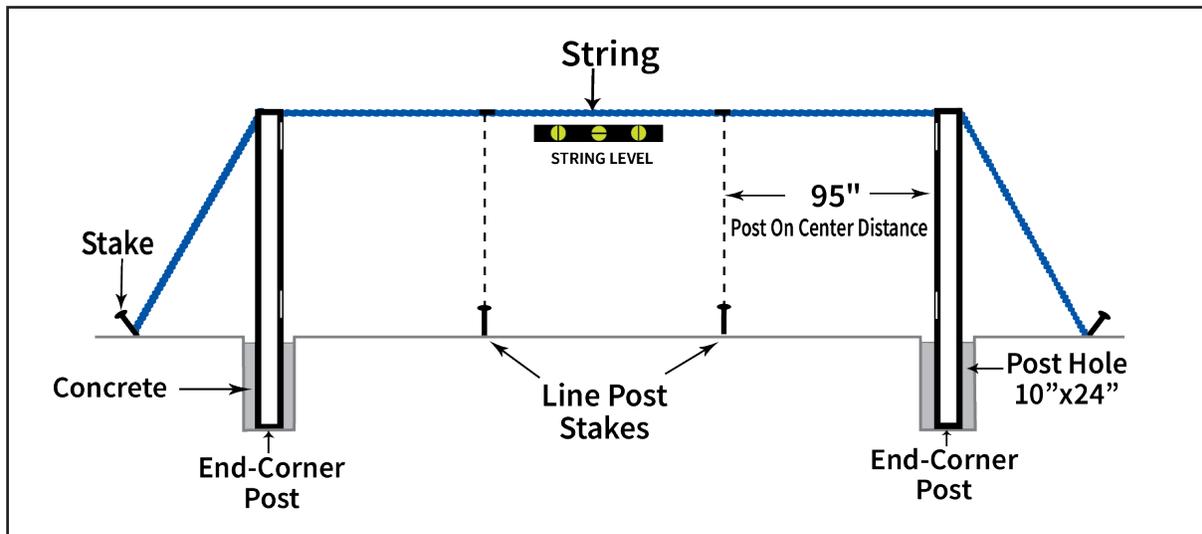


Fig.2b

LAYOUT FENCE AND POSITION POSTS

Step 3 FILL END-CORNER POSTS WITH RE-BAR & CONCRETE

Mix concrete according to manufacturers specifications. Place and hold the post while pouring concrete 6" at a time, tamping to eliminate air pockets. Leave enough space at the top of the concrete to allow sod to grow around the post. Set the correct post height, plumb and level each post.

IMPORTANT
BEFORE FILLING GATE POSTS WITH CONCRETE, MAKE SURE THAT THE GATE HARDWARE IS INSTALLED FOLLOWING THE INSTRUCTIONS IN THE GATE SECTION.

Before concrete sets, site down the fence line and, if necessary, adjust posts. If posts are too high, place a wooden block across the top of the post and tap down with a rubber mallet. Allow post concrete to set 24 hours before installing fence sections.

For added strength End-Corner posts should be filled up to 2" from the top of the post with concrete and rebar.

1. Each end, corner or gate post takes 2 pieces of 1/2" diameter rebar cut 4" shorter than the post length located at opposing corners of post (Fig. 3a).

IMPORTANT
Rebar should extend to the ground a minimum of 12".

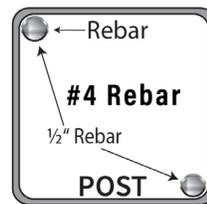


Fig.3a

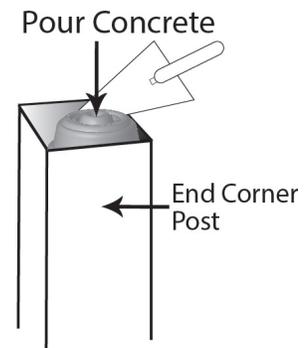


Fig.3b

2. Now fill the posts with concrete, tapping on the sides of the post to remove air-pockets in the concrete (Fig.3b).

3. Clean up excess concrete with water before it dries.

Concrete Requirements:

4x4 Line Posts = approx 100 lbs	4x4 End, Corner, Gate post = approx 160 lbs
5x5 Line Posts = approx 140 lbs	5x5 End, Corner, Gate post = approx 260 lbs

STEP 4 POST CAP INSTALLATION

Apply a small amount of PVC glue in each corner of the post cap and insert the external post cap on top of the post by tapping lightly on top of the post cap until it securely fits the post top. Wipe off any pvc glue residue (Fig.4).

NOTE: Post Cap sold separately.

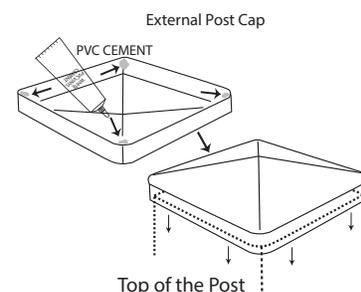


Fig.4

ASSEMBLE AND INSTALL SECTIONS

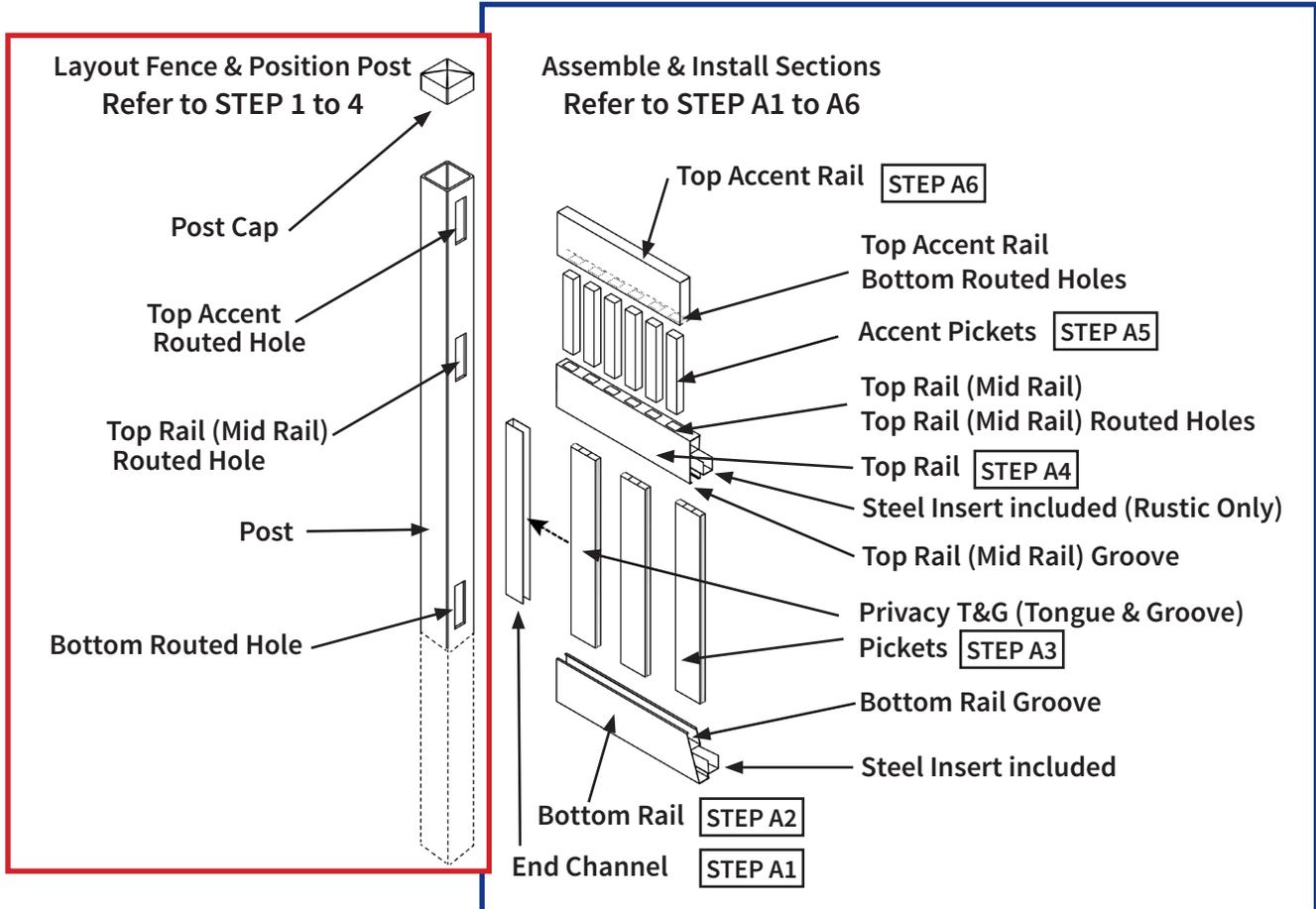
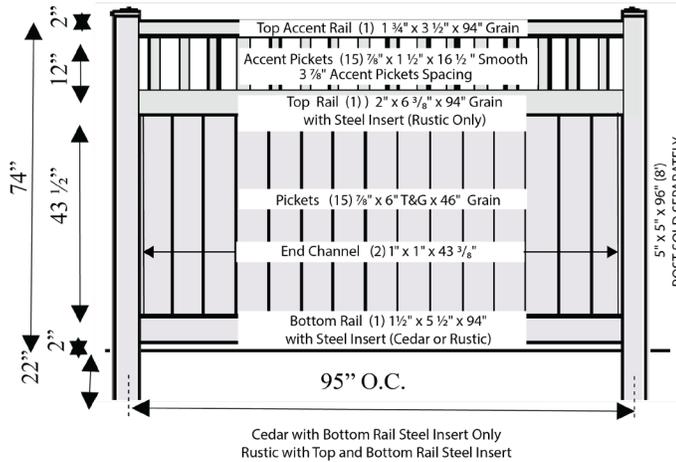
Having set your posts, you are now ready to assemble the fence sections for your specific Privacy Product Item Model as below.

IMPORTANT

Protect the finish of your fence during assembly by assembling on a dry, clean and smooth surface.

NOTE: Rail Style, Picket Panels Style and number of pickets panels may differ depending on the Privacy Product Item Model.
Sold Separately: Post, Post Caps, End Channel

DuraGrain Privacy w/ Accent Fence 6' High x 8' Wide DRPG5



ASSEMBLE AND INSTALL SECTIONS

STEP A1: INSTALL END CHANNEL

Center the end channel on the post between the bottom and top rail holes. Position the flat side of the end channel against the post and secure the channels to the posts using 3, #8 x ¾" stainless steel self tapping screws (Fig. A1).

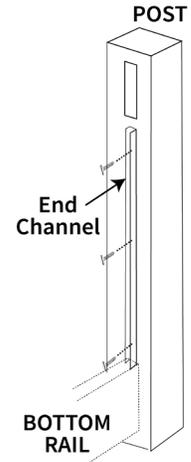


Fig.A1

STEP A2: INSTALL BOTTOM RAIL

Slide and insert the Bottom Rail (A), groove side up into the bottom hole of the post. Starting at end or corner place the next post into the next hole. Now slide the next Bottom Rail into the bottom hole of the next post (Fig. A2). Repeat these steps until all rails are inserted (B).

NOTE: If post spacing is less than 8' on center, cut a piece from the end of the t bottom rail to get the desired length. Steel Reinforcement Channel need to be inserted first before installing bottom rail.

Steel Reinforcement Channel (AS AN OPTIONAL ITEM ON CERTAIN PRIVACY PRODUCT ITEM MODEL) need to be inserted first to the rail before installing the bottom rail (Fig. A2B).

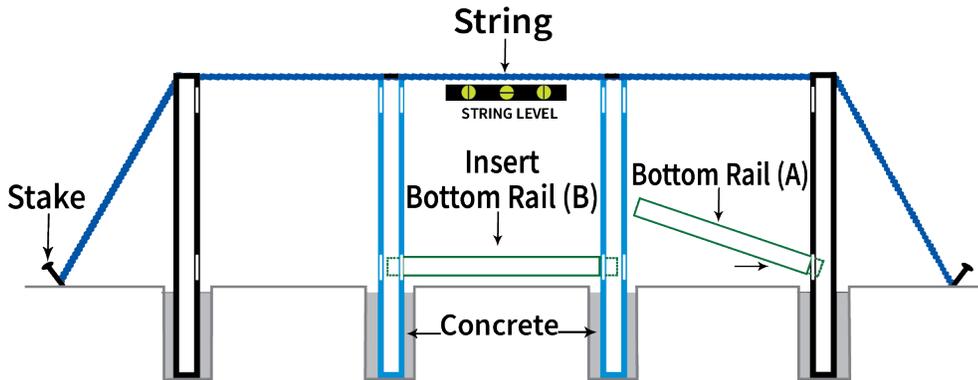


Fig.A2

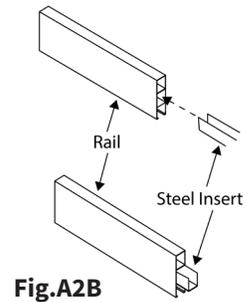


Fig.A2B

STEP A3: INSERT PRIVACY PICKETS

Starting on one end, insert privacy pickets into groove on bottom rail and end channels. Continue across the panel inserting the remaining pickets and interlocking the (T&G) tongues and grooves of the pickets securely (Fig. A3).

NOTE: If post spacing is less than 8' on center, you can cut the picket board on one side. The cut side of picket always goes against the post (Fig. A3b).

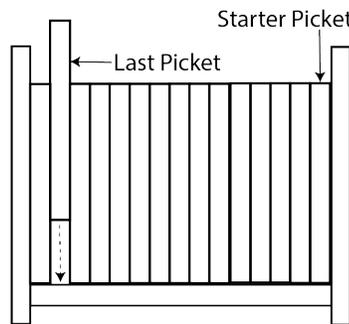


Fig.A3

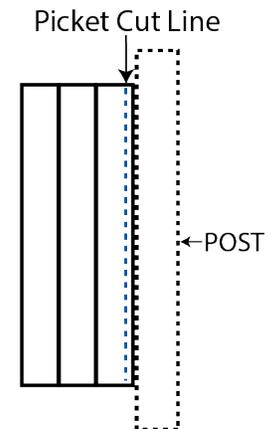


Fig.A3b

STEP A4: INSTALLING TOP RAIL (MID RAIL)

First install the steel insert (Rustic Only) onto top rail (Mid Rail) then install top rail (mid rail) into mid hole of post, groove side down, sliding over pickets at an angle. Lower top rail (mid rail) groove onto pickets, sliding rail as far as possible into the first post. When privacy picket is fully engaged in top rail (mid rail), slide rail into second post (Fig. A4).

NOTE: If post spacing is less than 8' on center, cut a piece from the end of the top rail (mid rail) to get the desired length.

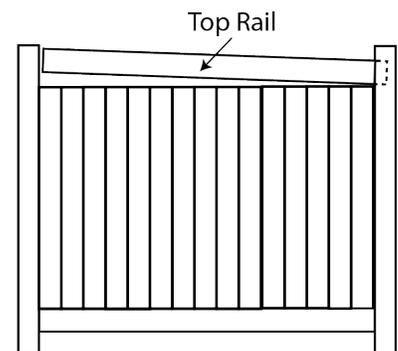


Fig.A4

ASSEMBLE AND INSTALL SECTIONS

STEP A5: INSTALLING ACCENT PICKETS

Insert the accent pickets into the routed holes in the top rail (mid rail) Fig. A5.

STEP A6: INSTALLING TOP ACCENT RAIL

Slide the top accent rail into top hole of the post angled upward. Holding the top accent rail at an upward angle, slowly line the accent pickets up with the routed holes in the top accent rail while lowering the rail into place. (Fig. A6). Ensure the accent pickets are fully engaged on both top accent rail and top rail (mid rail) Fig.A5.

