NC Natures Composites
Sustainable Outdoor Living

MODERN HORIZONTAL PRIVACY PERIMETER FENCE

INSTALLATION GUIDE

Natures Composites
Sustainable Outdoor Living

Modern Horizontal Privacy Perimeter Fence
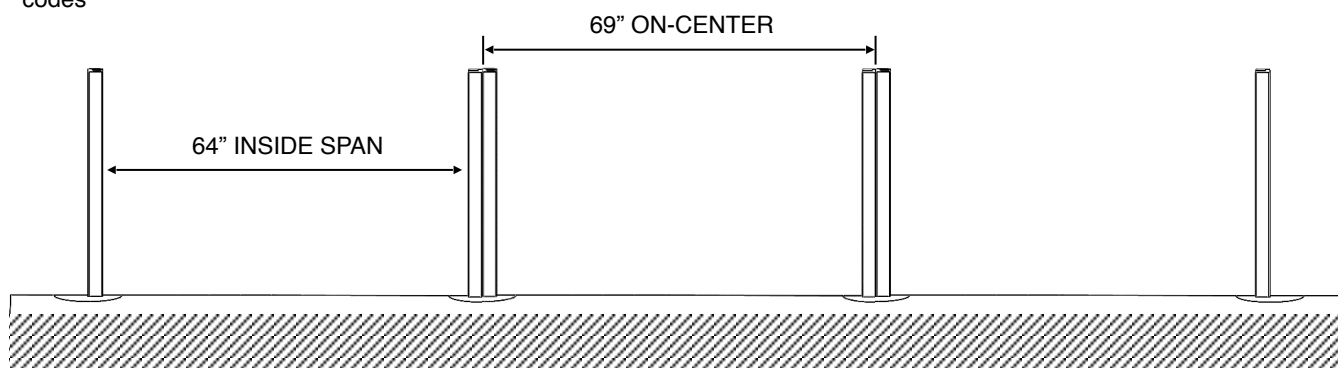## INSTALLATION GUIDELINE

BEFORE YOU BEGIN

*   Verify the location of all underground utilities

    o   Aids: Local building departments, utility companies, or utility location service at 811

*   Locate property line

*   Consult with HOA, if applicable, and follow CC&Rs Guidelines

*   Consult local and regional building codes

*   Obtain all necessary permits as required by building codes
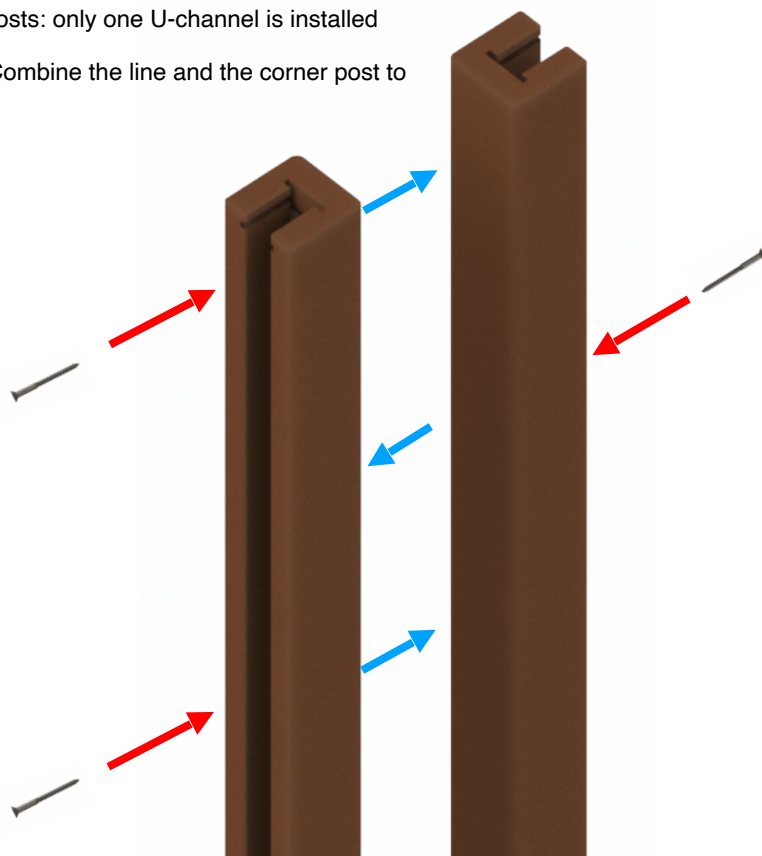
1. LAY OUT FENCE LOCATION

Panels are sold with 69" On-Centers

1. Using stakes and a string line, mark out the fence location

2. Locate gate placement and mark post hole locations for the gate posts accordingly *(See gate installation instructions)*

3. Mark the locations of corners and ends of the fence

4. Mark locations of intermediate fence posts between ends, corners and gate posts. Post should be located no

69" ON-CENTER

64" INSIDE SPAN

For more information, please visit http://www.naturescomposites.com

2. POST ASSEMBLY

1. Each Composite Modern Fence panel requires two U-channel posts (A) with Board Stop Assembly (H) installed, one post for each end of the panel

2. The U-channel post for adjacent panel(s) must be fastened together before setting the posts in concrete.

3. Fasten posts together with 6 #8 1-5/8" screws (G), so that the open part of the U-channel Post is exposed to allow for the T&G Boards to slide through and the base of the U-channel Posts are flush. Alternative Fasteners on each side of the U-Channel post set.

   a. Line Posts: install the U-channel posts back to back

   b. Corner Posts: install the U-channel posts adjacent to each other, ensuring the posts are facing the correct direction

   c. End or Gate Posts: only one U-channel is installed

   d. T or + Posts: Combine the line and the corner post to install

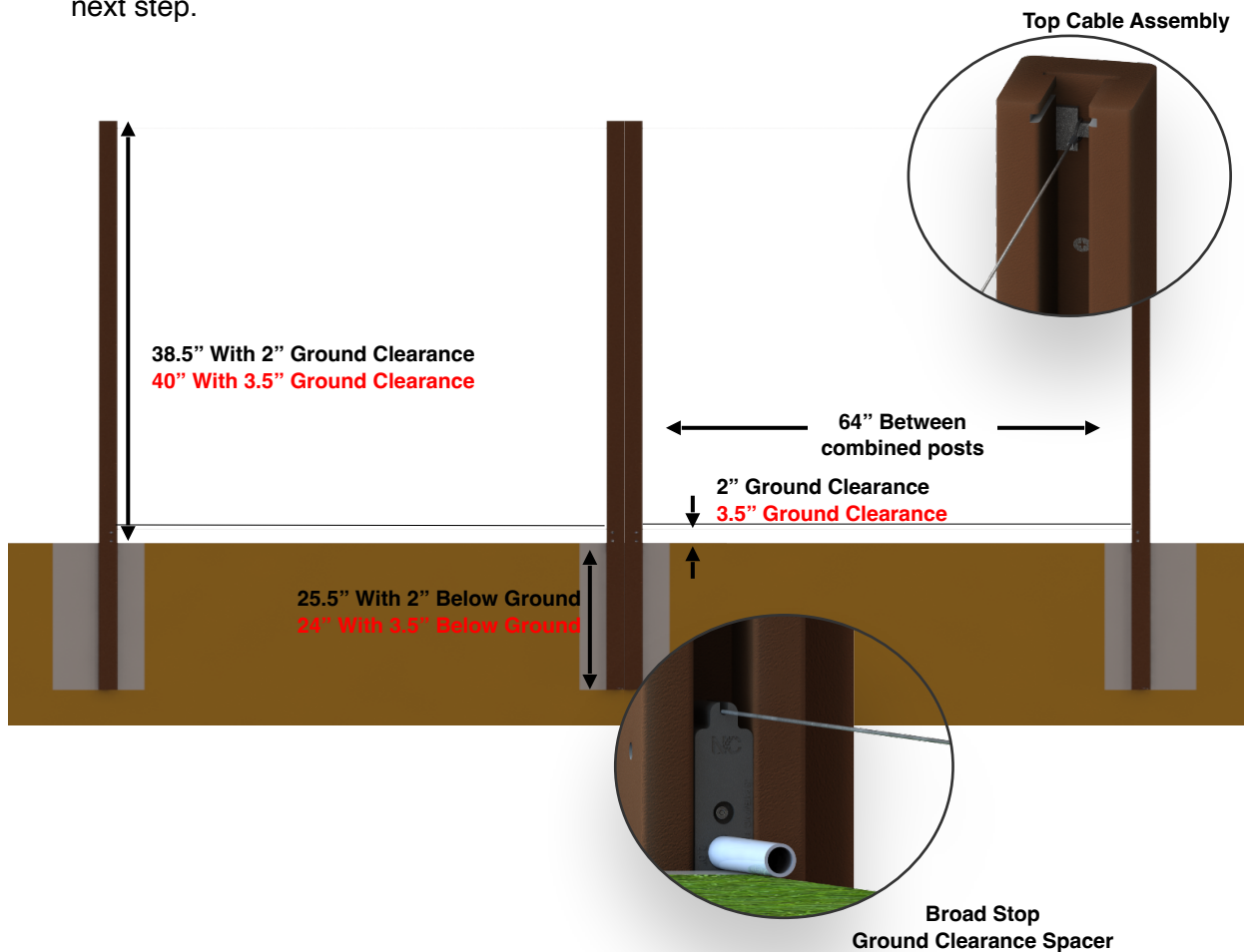Line Post

Corner Post

End Post

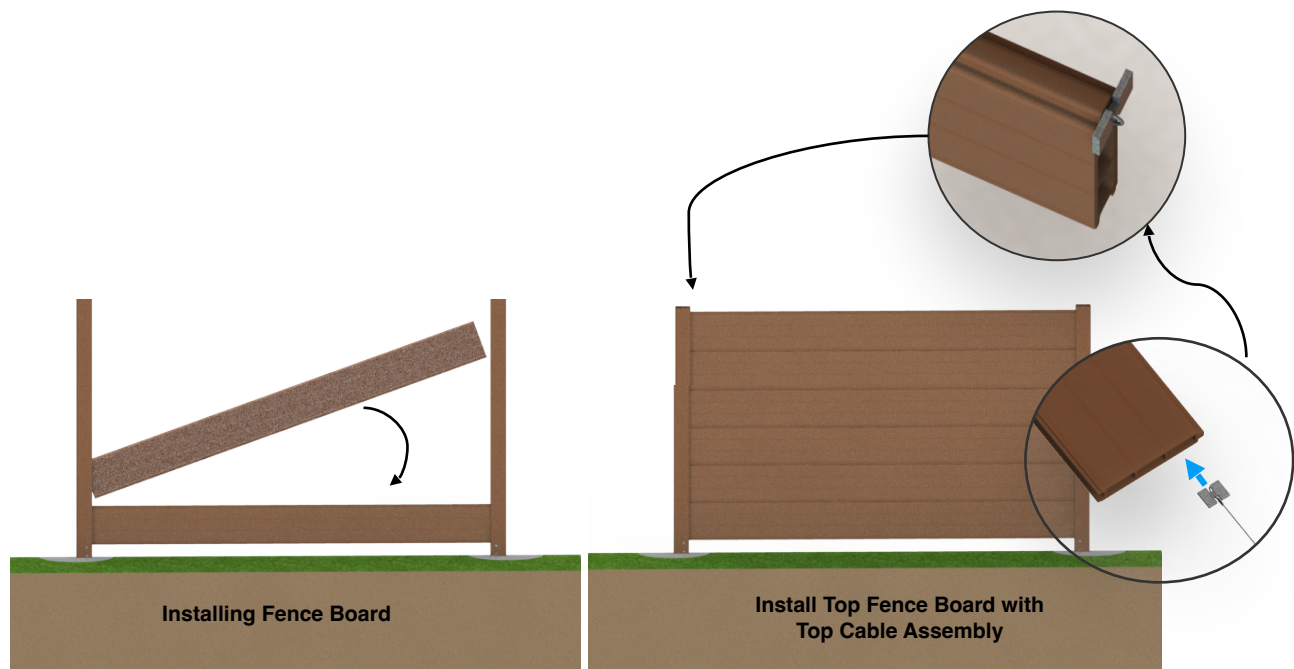For more information, please visit http://www.naturescomposites.com

3. POST INSTALLATION

1. Dig 12" diameter holes 24" deep for 3.5" ground clearance or 25.5" deep for 2.0" ground clearance in all post hole locations marked in previous steps.

2. Verify proper hole depth by placing the U-Channel post assembly in the hole and lining up the depth stick with the ground to achieve the desired height, 2" or 3.5" above ground level.

3. Verify post spacing using the Base Cable Assembly, cable should be taught.

4. Once proper hole depth and placement is achieved, place post assembly in hole aligning the posts with the string line and depth marker. Fill the hole with concrete to approximately 2" below grade level. Before concrete sets, be sure plumb, level and align post properly keeping the base cable taught keeping the correct post spacing,

5. Install the Top Cable Assembly to help keep posts plumb and properly spaced.

6. Allow concrete to properly cure in accordance with manufacturer's instructions before proceeding to the next step.

Top Cable Assembly

38.5" With 2" Ground Clearance
40" With 3.5" Ground Clearance

64" Between combined posts

2" Ground Clearance
3.5" Ground Clearance

25.5" With 2" Below Ground
24" With 3.5" Below Ground

**Broad Stop
Ground Clearance Spacer**

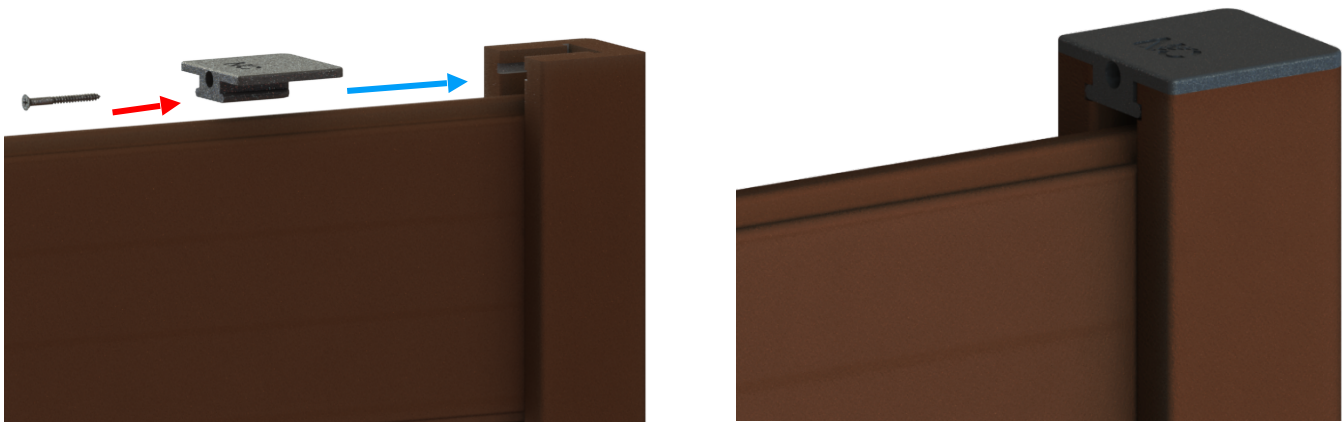For more information, please visit http://www.naturescomposites.com

4. BOARD INSTALLATION

1. After concrete has set it is time to move into fence board installation

2. The Hollow Tongue and Groove Boards come pre-cut to the proper post spacing.

3. Install Hollow Tongue and Groove Boards with the tongue of the fence facing up and the groove in the fence board facing down. Hold the fence board at an angle and insert one end into the channel of the post. Then rotate the other end of the fence board down until it slides into the channel of the other post. Push the first fence board down until it comes to rest meeting the Board Stop Assembly.

4. Install fence boards about halfway up by repeating the above step, pressing each groove onto the other previous board's tongue. **DO NOT USE A HAMMER TO FORCE THE FENCE BOARD INTO POSITION, AS IT MAY DAMAGE THE COMPOSITE FENCE BOARDS!**

5. Remove the Top Cable Assembly from Posts and install into the Top Hollow Tongue and Groove Board

6. Install the remaining board, except the Top Board with the Top Cap Assembly

7. Install Top Board with Top Cable Assembly, to do this rotate the Top Cable Bracket so that is perpendicular to the Board. Then slide the Board with the Cable assembly down the U-Channel Post so that the Top Cable Bracket lines up with the routed space. Continue pressing down the Top Board until its groove is on the previous board's tongue.

Installing Fence Board

Install Top Fence Board with Top Cable Assembly

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5. TOP CAP INSTALLATION

1. Slide the Top Cap into the Top Cap Routed space on the top of the U-Channel post.

2. Fix into positions using one (1) 1-3/4" Composites Screw and a drill.

3. Repeat for all U-Channel Posts.

Our products and/or processes are protected by the following patents, as well as other patents that are pending:US 11,053,707; US 12,110,703; US 12,084,880

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