Gorilla Fence
Assembly Instructions

HOMELAND® VINYL PRODUCTS, INC.
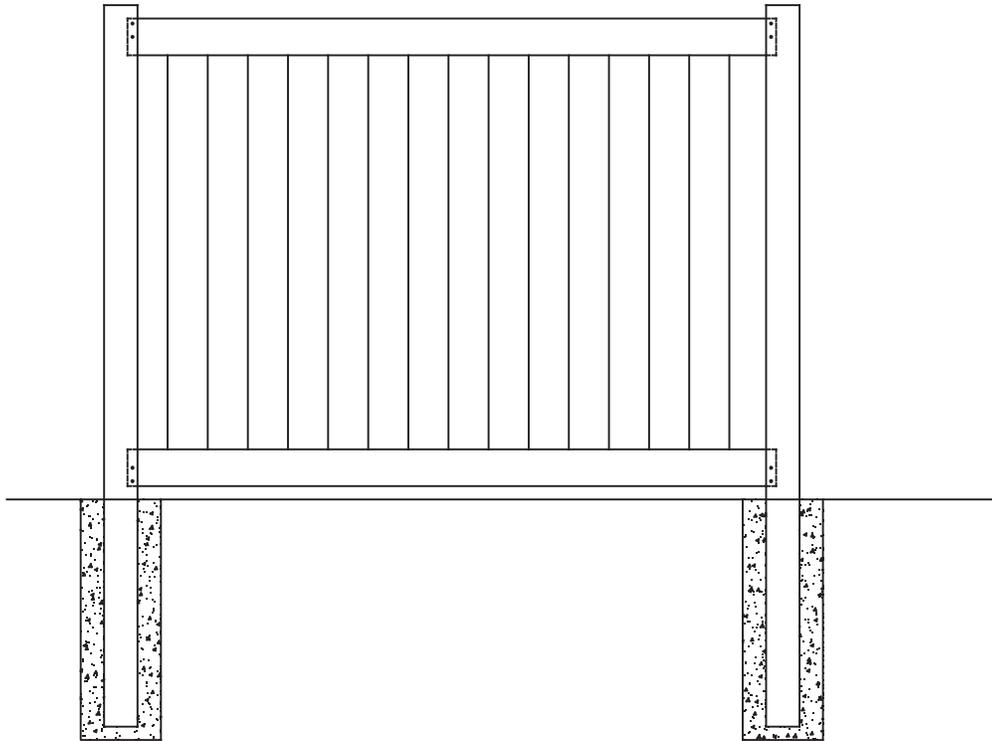
Gorilla® Fence
Tough Enough To Take It!

Benefits:

The key to Gorilla® Fence is the revolutionary design of the Gorilla™ H-Post profile. This innovative fencing system manufactured by Homeland Vinyl Products uses a new H-post design and is engineered for installation without routing. The Gorilla™ H-Post can be installed in concrete or sleeved over 1-7/8" galvanized pipe.
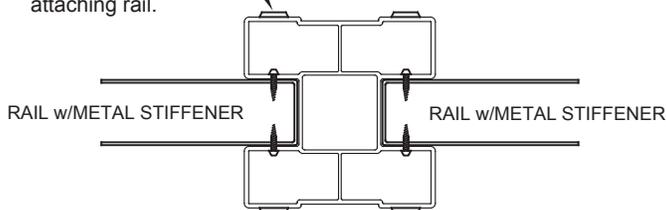
• The Gorilla™ H-Posts has pockets for 1-3/4" rails on two sides. Add the 1-3/4" Gorilla™ Fence U-Channel to the other sides to create a corner post, 3 sided post or 4 sided post. Use the 1-1/2" Gorilla™ Post Insert to fill the pocket of a corner post or end post and to fill gaps above and below each rail.

• Add a 1-3/4" x 5-1/2" Nexus® Midrail to create a beautiful design with a picket top or lattice accent.

• Reverse the 1-1/2" Gorilla™ Post Insert in the Gorilla™ H-Post pocket or mount it to another side to accommadate the 1-1/2" rails.

• Easily adjust for terrain and layout changes during installation with the The Gorilla™ H-post and its non-routed design.

• Will not rot, split, splinter or decay

• UV Protected - Homeland's ACCU-Shield® formulation protects your PVC against harsh ultraviolet rays

• For maximum strength, we recommend metal stiffeners in all top and bottom rails.

• Quality Assurance - Homeland Vinyl Products has a rigorous Quality Control program with third party auditing through the Vinyl Manufacturing Association (VMA)
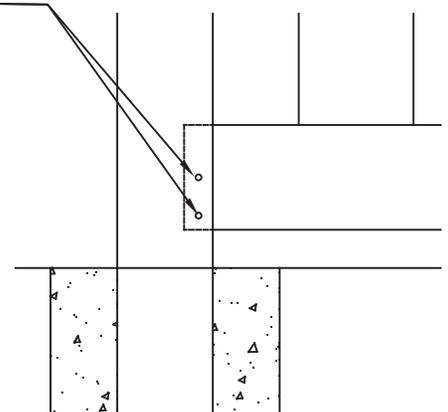
1. Set Gorilla H-Posts in post holes. Post holes should be 9"-10" in diameter, or as otherwise required. Post spacing for 96-1#4" Rails is 99" On-Center.

2. Place bottom rail with metal stiffener between posts and level. Bottom rail can be placed temporarily on blocks to hold off the ground while securing.

3. Drill 5/8" holes through outer wall of Gorilla H-Post as shown and insert screws through inner wall of Gorilla H-Post and into both sides of bottom rail. Use two screws for each side of rail (total of four screws per rail connection, eight screws per rail). Ensure that one set of screws connects to metal stiffener in rail. See detail.

4. Place vertical T & G boards into bottom rail pocket first.

5. Place top rail on to T & G boards. **Lift top rail 1/4 to 1/2 " up from top of T & G boards to allow for expansion due to heat. Do not allow top rail to rest directly on T & G boards.**

6. Drill 5/8" holes through outer wall of Gorilla H-Post as shown. Insert screws through inner wall of Gorilla H-Post and into top rail. As with the bottom rail, use two screws for each side of rail (total of four screws per rail connection, eight screws per rail). Ensure that one set of screws connects to metal rail stiffener.

7. Use 5/8" plugs to cover holes in Gorilla H-Post wall.

8. Finish post assembly with cap.

Drill 5/8" access holes in H-Post wall to place $\frac{3}{4}$" self-drilling screws through rail and metal insert. Use hole plugs in access holes after attaching rail.
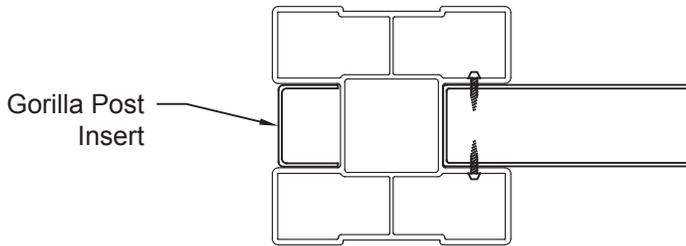
Use two screws per side at post/rail connection

RAIL w/METAL STIFFENER   RAIL w/METAL STIFFENER

TOP VIEW OF POST/RAIL CONNECTION
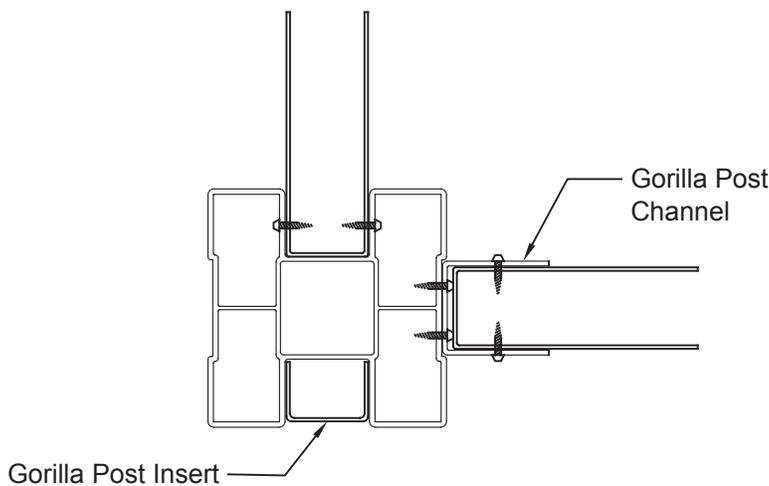
SIDE VIEW OF POST/RAIL CONNECTION

Gorilla Post Insert

END POST ASSEMBLY

For end post conditions, use adhesive to place the 1-1/2" Gorilla Post Insert into the exposed "H" channel to provide a uniform appearance.
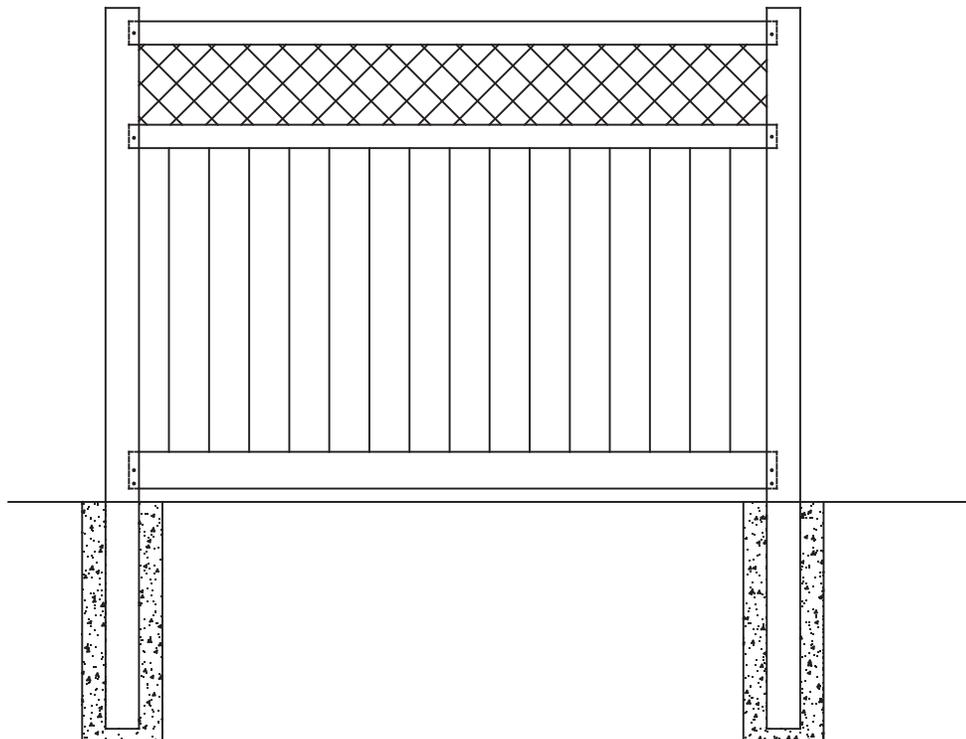
Screw placement for attaching 1-3/4" Gorilla Post Channel in corner post application

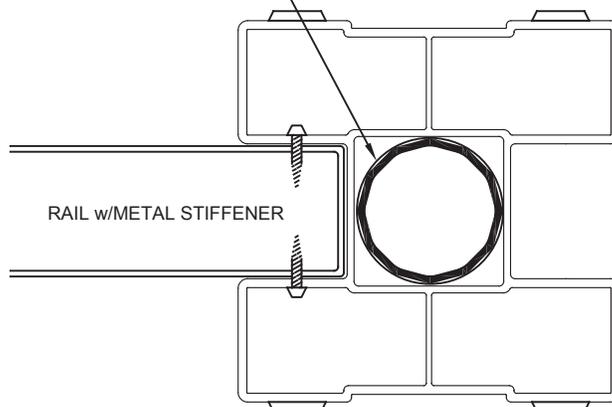Screw placement for attaching Gorilla Post Channel in corner post application

Gorilla Post Channel

Gorilla Post Insert

CORNER POST ASSEMBLY

1. For corner post conditions, use adhesive to place the 1-1/2" Gorilla Post Insert into the exposed "H" channel to provide a uniform appearance.
2. Mount the Gorilla Post Channel into the shallow recess on the H-Post to provide a mounting structure for the top and bottom rails.
3. The Gorilla Post Channel should be secured by three screws at each location where the fence rails will be placed, and by two additonal screws placed along the middle of the post. See detail.
4. Level and secure the bottom rail to the Gorilla Post Channel using four screws (two on each side). Ensure that one set of screws attaches to the metal inserts inside the top and bottom rails.
5. Assemble fence panel and secure top rails using four screws (two on each side). Ensure that one set of screws attaches to the metal inserts inside the top and bottom rails.

Screw placement for attaching Gorilla Post Channel in corner post application

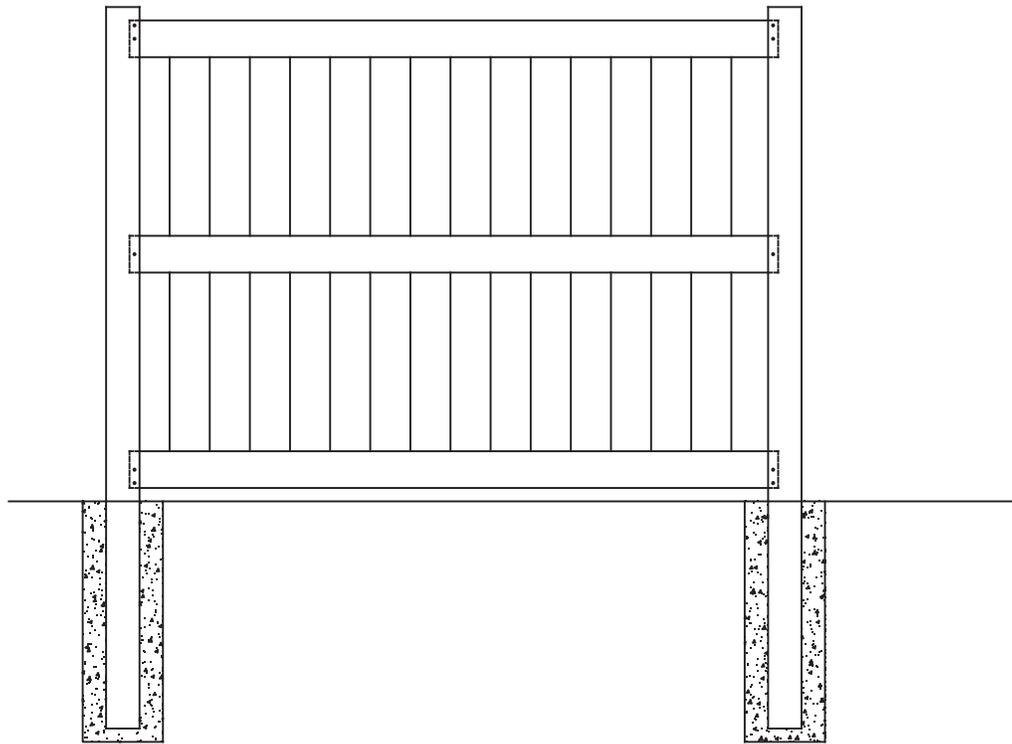**GORILLA POST CHANNEL INSTALLATION DIAGRAM**

1. Lattice Top and Picket Accent Top installation is possible using the 1-3/4 " x 3-1/2 " Hollow Rail. The accent rails would only need two fasteners per side (four per rail). Use 1-1/2" Gorilla Post Insert in exposed Gorilla Post pocket.

Place 1-$\frac{7}{8}$" O.D. galvanized steel tube (min. 0.100 wall thickness) inside post where used as a gate post. Secure post to steel tube using self-drillng screws.

RAIL w/METAL STIFFENER

TOP VIEW OF GATE POST

1. Privacy Fence with Midrail installation is possible using the 1-3/4 " x 5-1/2 " Nexus Midrail. The midrail would only need two fasteners per side (four per rail).