

NC Natures Composites
**Horizontal
Ranch Rail
Gate**



Natures Composites Horizontal Ranch Rail Gate Installation Guide

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Natures Composites Horizontal Ranch Rail Gate



Product Specifications

- **Gate Type:** Modern 3-Board Ranch Rail Gate
- **Components Included:**
 - Unassembled Gate with Vertical U Channel Posts, Horizontal U Posts, Square-Edge Boards, Hardware (3.5 in Screws), Horizontal T Frame, Frame Extension
 - Hinge Set (Qty 2)
 - Latch Set (Qty 1)
 - Top Cap Pack (Qty 4)
 - Additional Components: 5X5 Composite Post (Qty 2), 5X5 Post Cap Horse/Estate (Qty 2)
- The patented system offers two ground clearance options: 2 inches and 3.5 inches

Product Usage Instructions

Gate Assembly

Frame Assembly:

1. Insert the Horizontal T Frame into the Frame Extension to ensure a precise fit.
2. Firmly press the two parts together until they fit completely.
3. Place the assembled frame inside the U-Channel posts.
4. Ensure the frame is level and properly positioned.

T&G Board Assembly Inside Frame:

1. The board's length should fit inside the gate frame.
2. To maintain consistent spacing between boards, position the first board, use spacers on each side to create necessary gaps for expansion, then place subsequent boards against the spacers.
3. Place included spacers at both ends between each board.

Board Assembly Inside Frame:

Secure the gate using the screws provided in each corner to fix it in place.

Top Cap Installation:

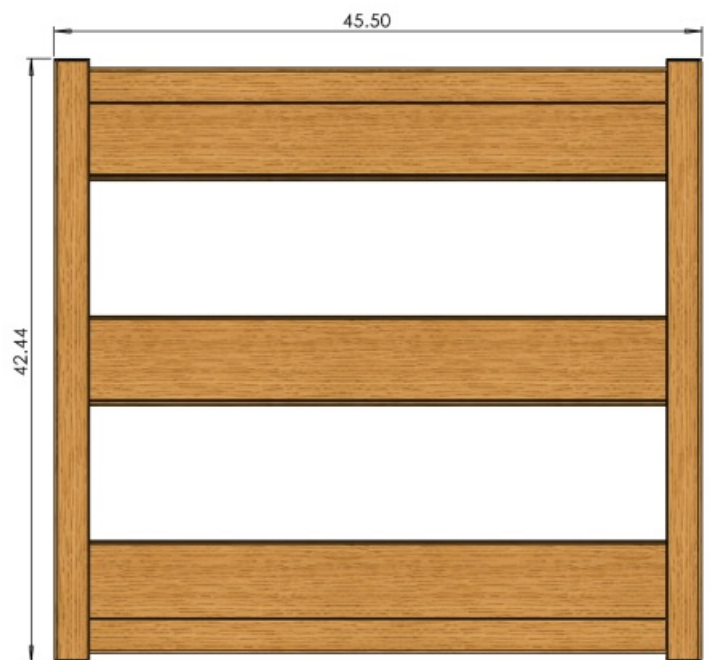
1. Slide the Top Cap into the routed space on top of the U-Channel post.
2. Fix it into position using the provided composite screw and a drill.

Gate Post Support

Install 5x5 Post on the Ground:

1. Prepare the ground by digging 12-inch diameter holes for post-insertion.
2. Check with local utility providers to avoid damaging underground pipes or cables.

COMPONENTS



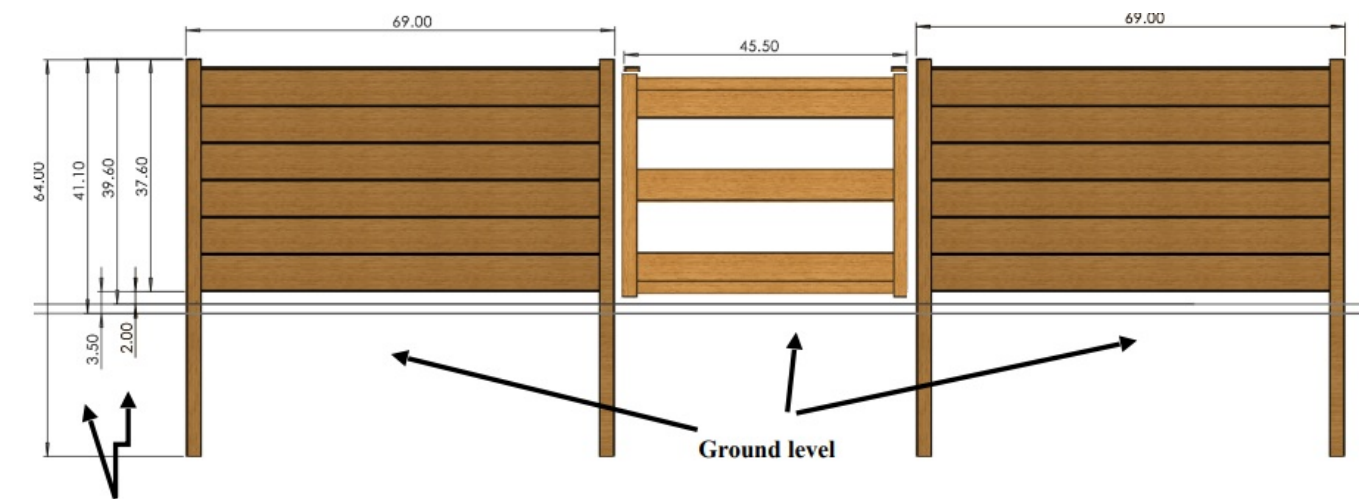
1. Unassembled Gate (Qty 1)
 1. Vertical U Channel Posts (Qty 2)
 2. Horizontal U Posts (Qty 2)
 3. Square-Edge Boards (Qty 3)
 4. Hardware 3.5 in Screws (Qty 4)
 5. Horizontal T Frame (Qty 2)
 6. Frame Extension (Qty 2)
2. Hinge Set (Qty 2)
3. Latch Set (Qty 1)
4. Top Cap Pack (Qty 4)

ADDITIONAL COMPONENTS

1. 5X5 Composite Post (Qty 2)
2. 5X5 Post Cap Horse/Estate (Qty 2)

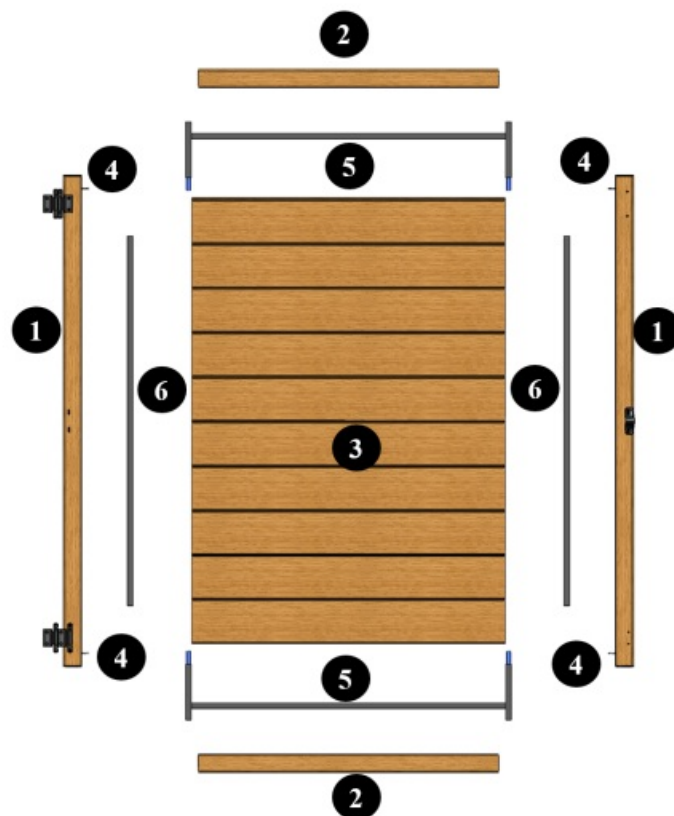
Modern 3-Board Ranch Rail Gate

INSTALLATION GUIDELINE



NC patented system
offers two ground
clearance options

GATE COMPONENTS



1. Vertical U-Channel Posts (Qty 2)
2. Horizontal U Posts (Qty 2)
3. Square-Edge Boards (Qty 3)
4. Hardware 3.5 in Screws (Qty 4)
5. Horizontal T Frame (Qty 2)
6. Frame Extension (Qty 2)

TOOLS REQUIRED

- **Gate Assembly**

- Phillips Screwdriver (No. 3)

- **Gate Installation**

- #2 Torque Head Driver/Drill Bit
- Drill or Impact Driver
- Tape Measure

- **Post 5×5 Installation**

- Wheelbarrow
- Post Hole Digger and Shovel

BEFORE YOU BEGIN

- Verify the location of all underground utilities
 - **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

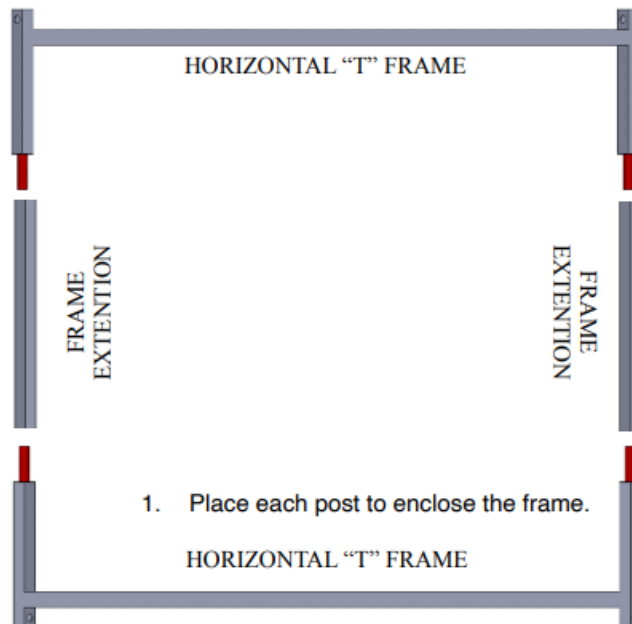
LAY OUT FENCE LOCATION

Gates are sold at 45.5" wide, for a 48.6" opening

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. The Gate opening should be 48.6" wide.
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 wider than 69" (5.75') apart for each fence panel.

FRAME ASSEMBLY

1. Insert the "HORIZONTAL T FRAME" into the "FRAME EXTENSION" to ensure a precise fit.
2. Firmly press the two parts together until they fit completely together
3. Place the assembled frame inside the U-Channel posts.
4. Make sure the frame is level and properly positioned.

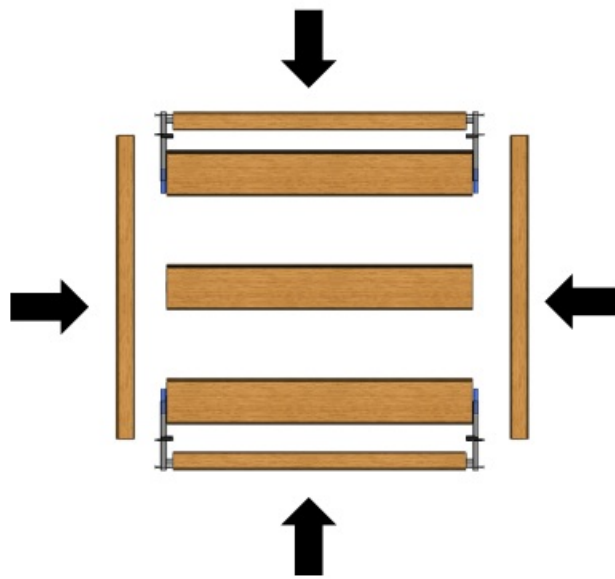
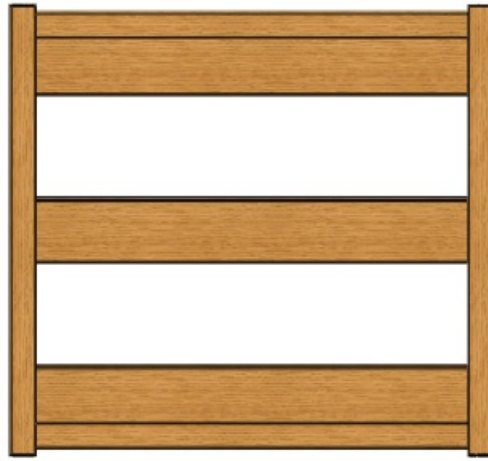


BOARD ASSEMBLY INSIDE FRAME

Composite Post Assembly

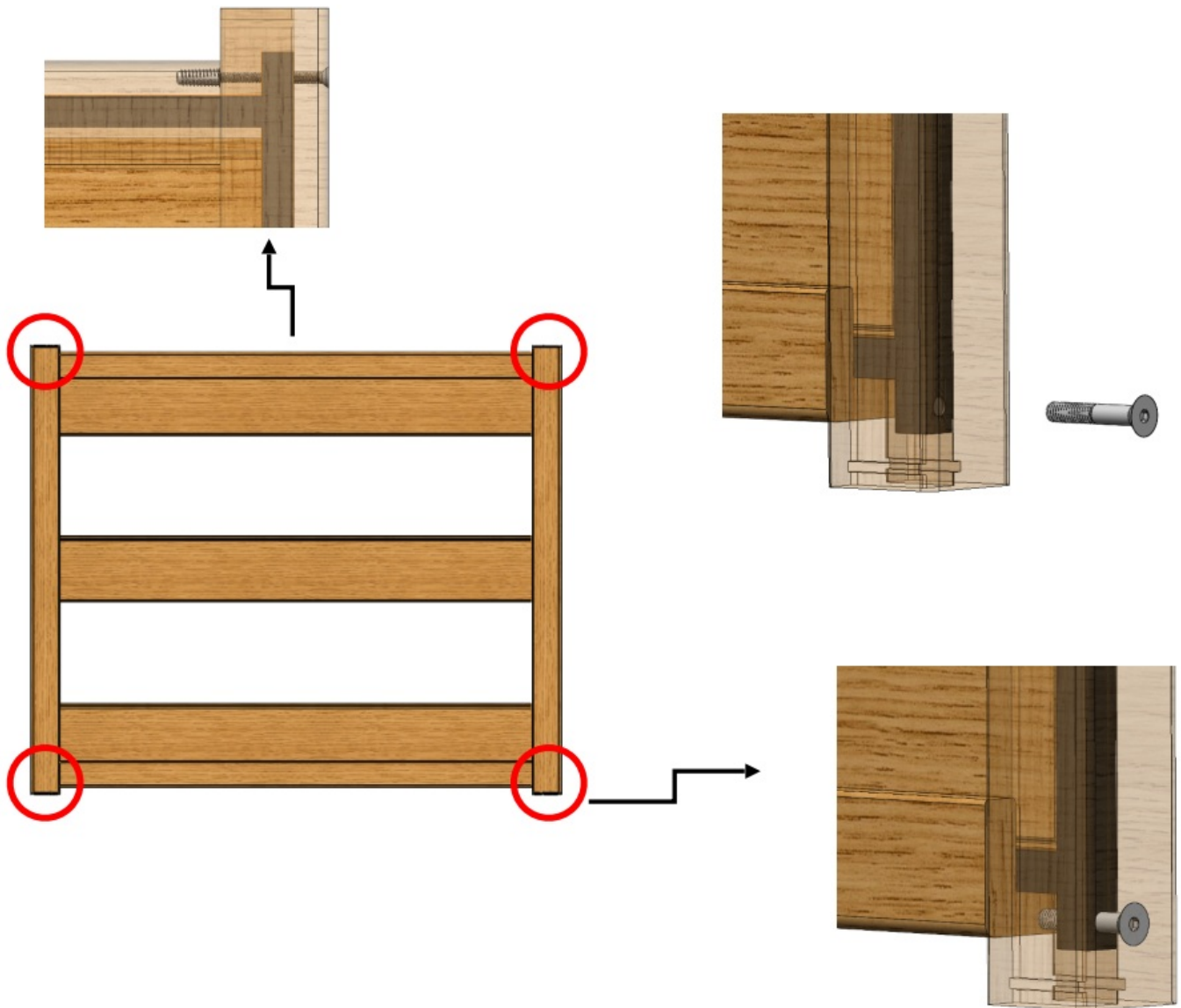
T&G BOARD ASSEMBLY INSIDE FRAME

1. The boards length will fit the inside of the gate frame
2. To ensure consistent spacing between boards, position the first board in the desired location, place spacers on each side of it to create the necessary gap for expansion, then place the next board tightly against the spacers. Repeat this process for each subsequent board, always using spacers to maintain uniform gaps
3. Between each board, place the included spacers at both ends.



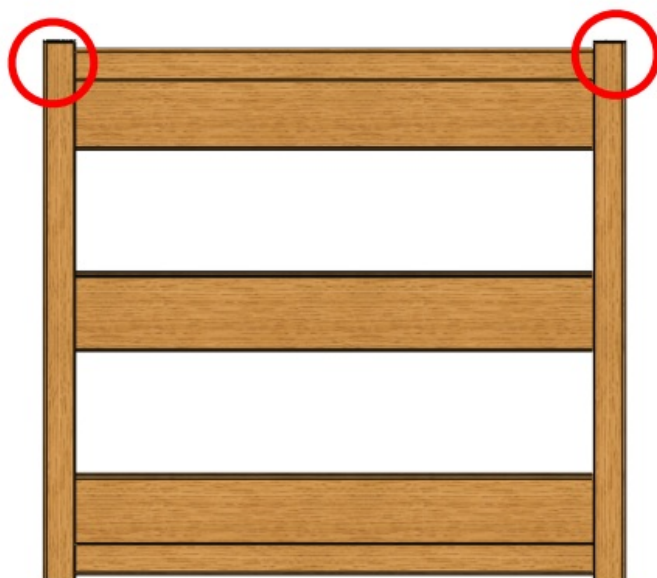
SECURE THE GATE USING THE SCREWS (INCLUDED) INTO EACH CORNER

Please use the included screw to attach the frame to the post to keep it fixed in place in each corner.



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.



GATE POST SUPPORT: INSTALL 5X5 POST ON THE GROUND

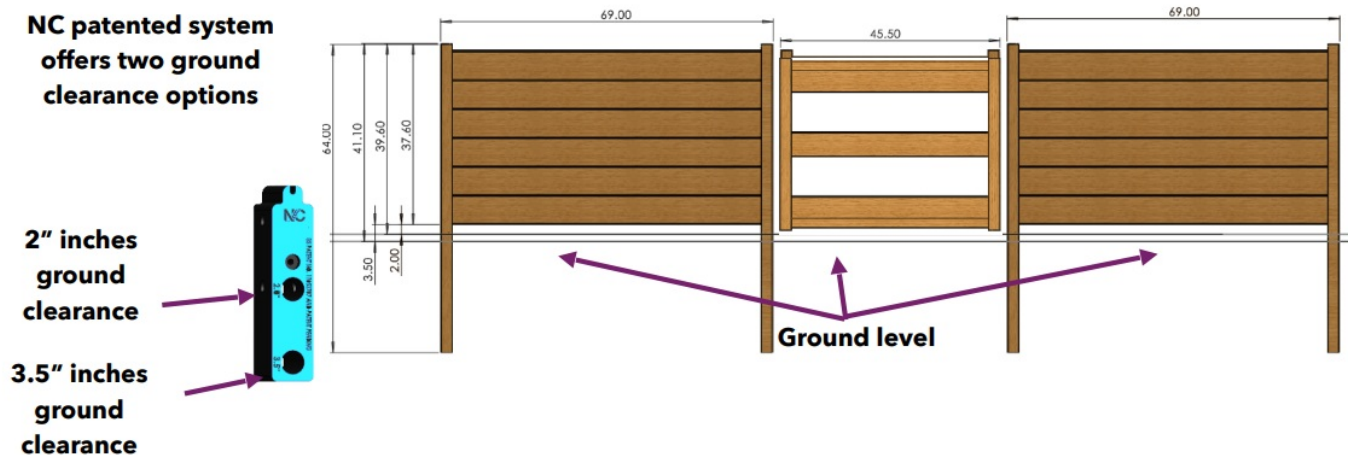
1. Prepare the ground to insert posts by digging 12-inch diameter holes.
2. Make sure to check with your local utility providers to confirm where underground pipes and cables are before you start digging.

Post Burial Depth Recommendations

- **Bury one-third of the above ground height of the post.**
- The hole for the footing should be **three times the diameter of the post.**
- **Deeper holes** are needed for unstable soil, windy weather, or gate posts.



Connecting fence panel to 5x5 posts



FAQ

Q: What are the ground clearance options for this gate?

A: The gate offers two ground clearance options: 2 inches and 3.5 inches.

Q: How to ensure even spacing between boards during assembly?

A: Position the first board with spacers on each side to create gaps, then place subsequent boards tightly against the spacers, maintaining uniform gaps.

Documents / Resources



[Natures Composites Horizontal Ranch Rail Gate](#) [pdf] Installation Guide
Horizontal_RANCH_3_RAILS_gate - copia, Horizontal Ranch Rail Gate, Ranch Rail Gate, Rail Gate, Gate

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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