

PVC RANCH FENCE INSTALLATION INSTRUCTIONS

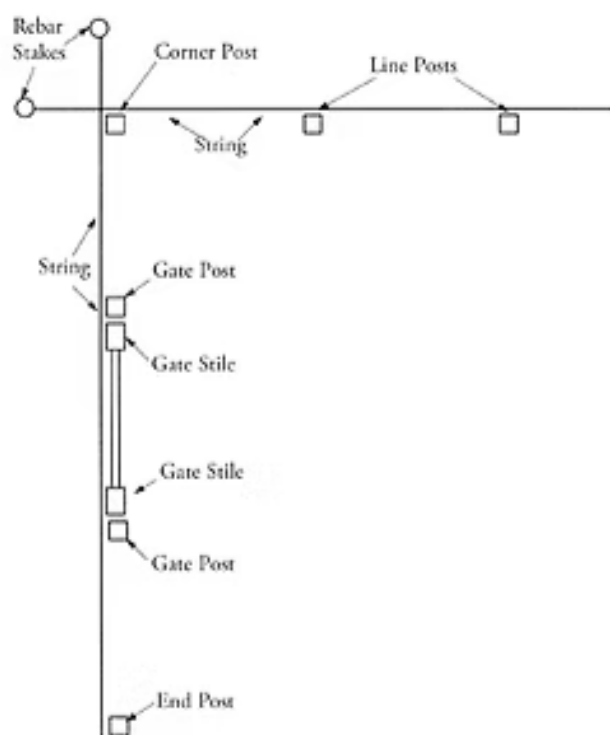
BEFORE BEGINNING INSTALLATION

1. Check to see if a permit is required.
2. Contact your local utility company to locate any underground services.
3. Locate property pins if needed.

INSTALLATION INSTRUCTIONS

- 1 Make your layout using the rebar stakes and masonry line per the illustration below.

Decide which side of the string line represents the back of the post. Be sure that the string is on this side of the rebar stake. Pull the string tight and tie it off at each rebar stake.



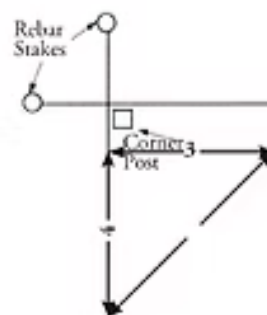
- 2 To square the corners, use the 3-4-5 Rule. (See above right)

TOOLS/SUPPLIES NEEDED

- 25' and 100' tape
- Spray paint (bright color)
- Spool of yellow masonry line
- 1/2" x 24" rebar stakes
- 12" (minimum) power auger & hand diggers
- Post level
- Hammer
- Circular saw with plywood blade

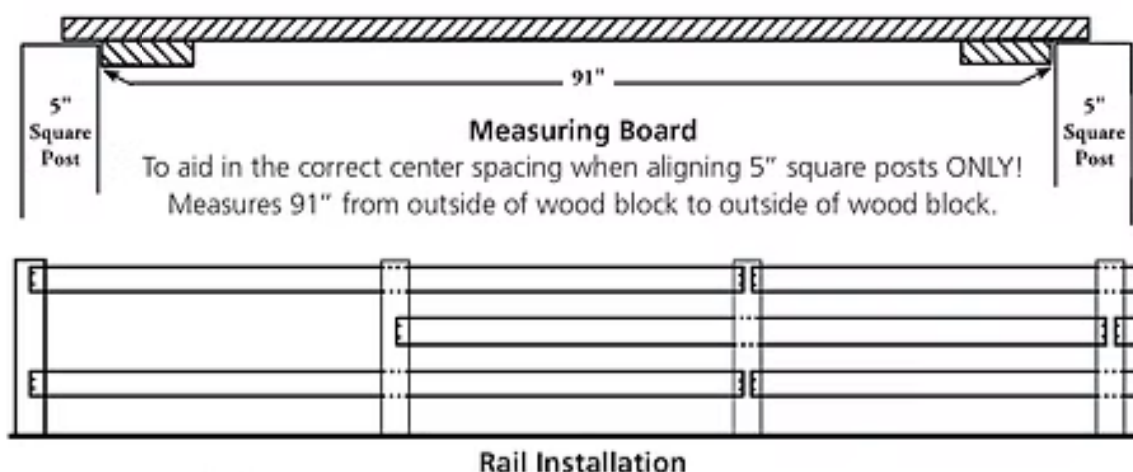
3-4-5 Rule

A triangle with sides measuring 3 units x 4 units x 5 units (or 6-8-10 or any combination thereof) will always have a square corner where the 3 and 4 unit sides meet. To square a corner, measure 3 units along one side and 4 units along the other side. Adjust the sides until the diagonal equals 5 units.



- 3 Using the 100' tape and the spray paint, mark your holes on 8' centers, 2 1/2" in from the string line. (The string represents the back of the post and 2 1/2" in is the center of the 5" square posts.) Remember to mark any gate openings.
- 4 Start drilling! (Simply push the string line away from you with your foot.) Clean all the holes with the hand diggers.
- 5 Place posts in the holes leaning them away from the string. Lay out one bag of quikrete (60#) per hole.
- 6 Place your post where it needs to be in the hole (see the measuring board illustration on the next page) - about 1/8" away from the string line and pour about 1 gallon of water into the hole. Pour the quikrete around the post. Water will come up the sides of the hole when you have started with enough water. If no water

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Installation instructions continued

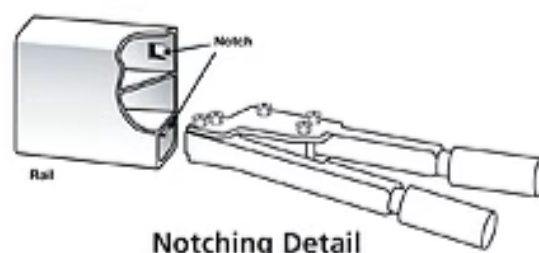
comes up, you need to start with more. At any rate, by the third post you'll have it figured out. (You do not need to poke & jab at the quikrete to let the water down.) Give the hole a drink on top and fill the hole with the dirt you just drilled out. Stomp it good! Check the plumb on the post and go to the next post.

7 After setting a series of posts, you need to align the tops and double check the plumb. Make sure the first and last posts you set are at the height you want. Look over the top of the end post and you will see the posts that are too tall or too short. If you pull a post up, be sure to get a small can full of quikrete inside this post. (You need to fill the void created, or it will slide back down come freezing weather.) Using a hammer and block of wood, pound the post back down where it needs to be. To straighten the post, **DO NOT** push or pull the top of the post! Use your foot and press against the bottom of the post. Compact the ground as hard as possible.

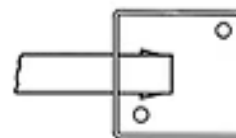
8 Allow the concrete to set up - at least 24 hours - before you begin railing, or try to hang your gates. Plug the ends of rails that are inside the hinge or catch post. Use tape on paper or plug ends.

9 Place rails in posts as per above illustration. Start with bottom rail - slide it thru the middle

post - notch the end - pop into third post. Next, use an 8' piece for the middle rail and repeat the same procedure. The end result is that all of the seams are not on the same post.



10 Fill gate posts with concrete and rebar. (Be sure that all hardware is mounted first!) A small traffic cone with the nose cut off makes a perfect funnel. Try to place the rebar as close to the middle as possible. Bring the concrete up to within 5 to 7 inches from the top. Put the cap on at an angle - you want the post to "breathe," but shed any rain or snow for a few days. For gate installation instructions, refer to Vinyl Horse Gate Install.



Gate Post with Rebar
(Place two #4 rebar 1/2" from edge of post)

11 Wipe any concrete off of the posts, and put on the post caps.