

# RANCH FENCE INSTALLATION INSTRUCTIONS

We will use 3-Rail Ranch for demonstration purposes.

## Before installing any style of fence you must always:

- Check with local ordinances on rules and regulations before building fences in your area.
- Before any digging is done, contact the local utility companies to identify any buried lines, cables, pipelines, etc.

1. Lay out fence line. (For example, see Detail 1).
2. Consider the gate location. (If gate is not used go to step 5). Positioning of the gate should be a starting point in the layout. You want to position the gate so the fence section will be used to its optimum thereby minimizing adjustments. Do not build gate section first. The layout needs to be considered at this point.
3. Dig all post holes 30" deep 12" wide, along the fence line at 8' centers. We suggest in an area where ground freezes, putting post at least 36" in the ground.
4. Place all post in holes leaning them to one side of the hole.
5. When setting first post, use post level and fill hole with approximately 12" of small limestone or gravel around post. The hole will be topped off with cement in a later step so do not fill with just dirt (See DETAIL 3).
  - We suggest building a measuring board (See DETAIL 2) to aid in positioning the 5" post. Using the measuring board, position the next post and fill around base as described in Step 7. Continue down the fence repeating this procedure.
6. Place a string over the top of all posts after the posts are positioned. This will be used to keep the post heights all the same, making adjustments in the height of string to follow the contour of the land and still keeping the 55" post height (See DETAIL 3).
7. Pour cement into hole within 6" of grade level. Fill remainder of hole with fine dirt covering cement mix (See DETAIL 3).
  - Recheck to make sure posts are all plumb and straight in line. Make any adjustments needed before posts are set.

8. After the cement around the posts has cured, tabb the 16' rails using the special notching tool (Detail 4). Having both ends of the rails notched slide one into the top and bottom routs on the posts (Detail 5). Cut one 16' rail in half and insert in the middle pre-routed hole to create the staggered joints as shown in DETAIL 6. The other 8' rail piece will be used on the opposite end of fence. Continue down the fence with the staggered joints to the end.

