

**Before you start, it's important to ensure the following:**

- Understanding of local codes, e.g. allowable fence height, frontage locations, permits requirements, etc.
- Utility underground locations have been identified before digging begins.
- You are certain of your legally established property (boundary) lines.

**PREPARE FENCE LAYOUT**

**IMPORTANT – Read this instruction sheet completely before beginning work.**

**General Information**

- Standard fencing is designed for level ground and approximately ten degree of slope. If your terrain has significant slope, it will be necessary to modify the fence system. This can be done in the field by enlarging the holes in the post with a coarse file. It may become necessary to reduce the spacing between the posts to be sure the rails are long enough in steep terrain.
- If cutting the Blackline™HHP material becomes necessary, use a fine-toothed blade.
- Posthole depth and hole diameter will be determined by local weather and soil conditions. Typical posthole diameter is 10 inches and depth is 24 inches. (If you believe your local soil or weather conditions will require special fencing material. Extra long posts and post stiffeners are available to help with those requirements.)

**LAYOUT FOR PRIVACY FENCE**

**Layout is important and proper placement of the posts is the key to easy installation (Figure 1).**

We offer a fence system that provides the following to allow the fence to be “snapped together once the posts are set.

- Routed post, pre-cut and notched rails, tongue and groove panels and U-channel.
- Gate kits with powder coated stainless steel hardware.
- The privacy fencing places the posts on 73.5 – inch centers.
- This will allow you to take advantage of the Fencing System.
- Remember privacy fence is 73.5 inches from center of one post to the center of the next post
- Once boundary lines are identified, drive stakes into the ground within property line and stretch a string between stakes. Extend the string beyond the property line approximately 24 inches.
- Use stakes to mark the locations for each corner post, end post and gatepost.
- Remember for gates, the spacing between posts is important.
- The gate installation will be much easier. If you make sure the distance between your gateposts are correct. SEE GATE INSTRUCTIONS.

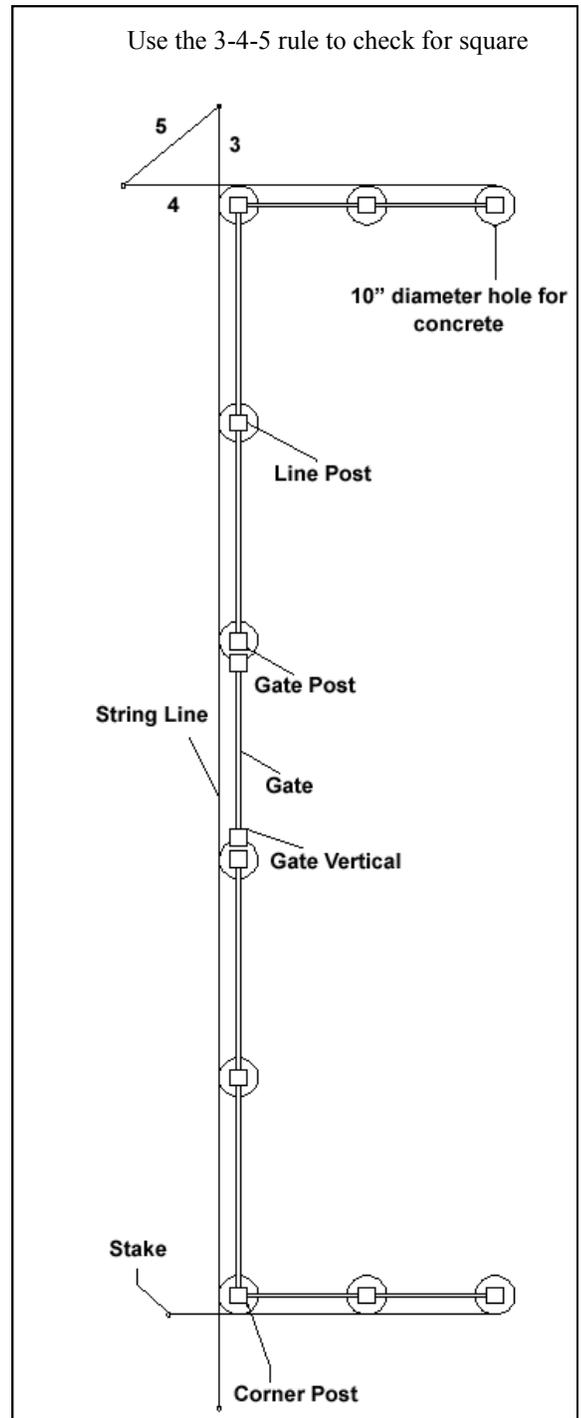


Figure 1

### **Install Posts (Figure 2)**

- Dig the holes for all end posts, corner posts and gateposts.
- Position the proper post in each posthole (end, corner and gate).
- Center the post in the hole and make sure it is square with the fence line and the holes in the post for the rails are facing the proper direction.
- Level the post using a carpenter's level, check two adjacent sides and make sure it is plumb.
- The fence height will need to be set now.
- The system is designed to have 2 inches between the ground and the bottom of the bottom rail.
- Pour concrete around the post.
- Tamp concrete to eliminate air pocket.
- Fill to 2 inches below ground level, or fill to ground level to eliminate trimming grass around the post
- Recheck level, square and height of post.
- Allow concrete to dry.

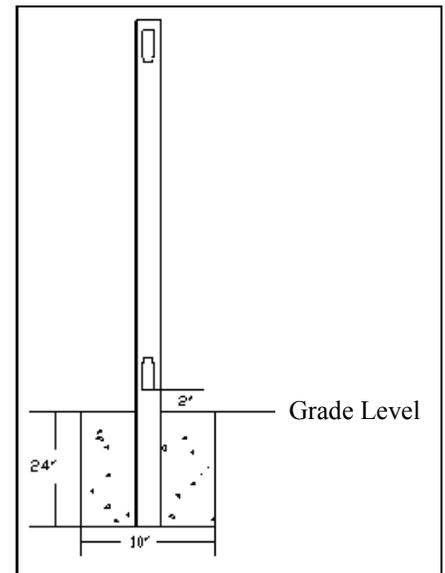


Figure 2

### **Locating Line Posts**

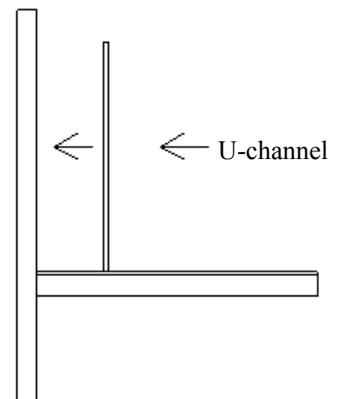
- When the concrete has hardened in the corner, end and gateposts, stretch a string tightly across the top of the posts and stake both ends. This will give the desired height for the fence.
- Privacy Fencing - stake out the position of the posts 73.5 inches from center of the post to center of the next post.
- Dig all line postholes.

### **Setting Line Post**

- Start at an end, corner or gatepost.
- Slide the bottom-reinforced rail into the bottom hole in the post.
- Place the next line post in the hole and slide the rail into the bottom hole.
- Continue this process down the fence line, placing the next post in the hole and insert the reinforced bottom rail in the post.
- Fill the posthole with concrete and tamp in concrete.
- Check the correct post height, level and square to the fence line.
- Block and support the post to keep them stable as the installation continues (stake and string if needed).
- Repeat these steps until the posts are set with bottom reinforced rails installed.

### **Installing U-Channel (Privacy Fence) (Figure 3)**

- Center the U-channel on the post between the bottom rail hole and the top rail hole with the flat side of the channel against the post.
- Using 3 #8 3/4" screws attach the U-channel to the post. (Pre-drilling is recommended)
- The U-channel will need to be trimmed if raking the fence for ground slope
- Repeat this step until U-channel is installed on all posts.



### **Install Panels (Privacy Fence) (Figure 4)**

- On standard spacing of 73.5 inches, start on one end; insert the first panel into the U-channel and the bottom rail.
- Continue down the section inserting the panels in the bottom rail interlocking the tongues and grooves as you go.
- Keep the tongue and groove oriented in the same direction. When you get to the last panel, slide in the panel from the top. Continue until all panels are installed.

### **Top Rail (Figure 5)**

- Install one end of the top rail into the post with the groove for the panel down to accept the panel.
- Once the panels are in the groove of the top rail, slide the loose end of the top rail into the adjacent post.
- Repeat this step until all top rails have been assembled.

### **Install Post Caps**

- Apply a small amount of PVC glue to the inside of the cap and slide over the top of the post.
- Press firmly to be sure the cap is down as far as it will go and looks even.

### **Clean Up**

- Clean the fencing material as necessary with a non-abrasive mild biodegradable soap and soft plastic scouring pad. Rinse thoroughly with clean water to remove dirt and soap.

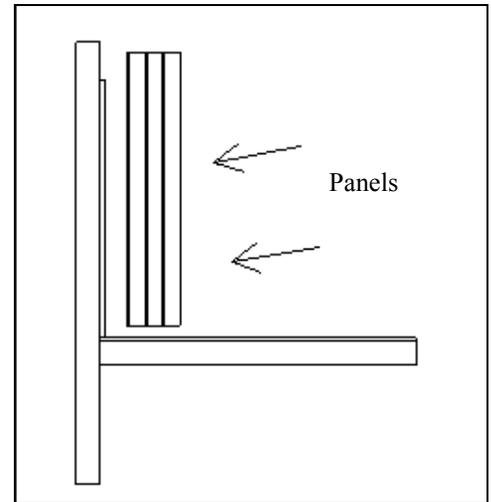


Figure 4

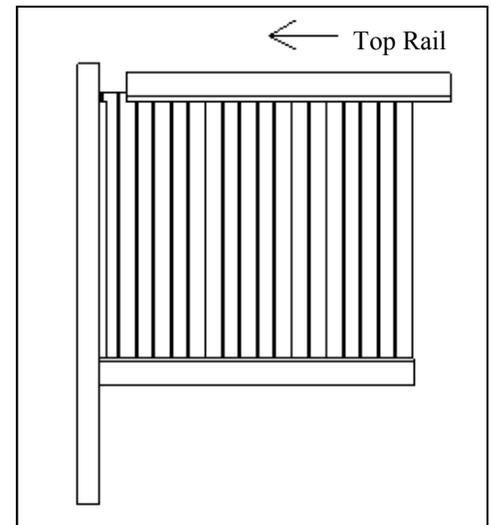


Figure 5