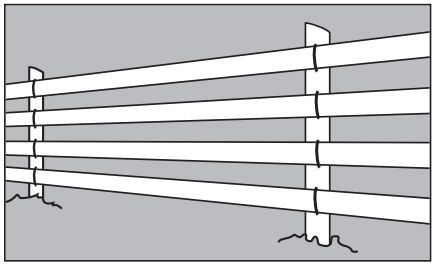
INSTALLATION HIGHLIGHTS

SPUR HTP®



Designing the number and spacing of the rails to use is best determined by identifying the following factors: safety, congestion of animals, animal weight, importance of fence visibility, livestock in adjacent areas and animal behavior.

Once your fence design criteria has been determined and the necessary components are on hand, installing the fence correctly helps ensure it will perform the way you intended, and remain virtually maintenance-free. The steps outlined in this brochure are based on solid engineering principles and years of installation experience, but there are no guarantees that this information can cover all possible situations.

Centaur HTP® Fencing Systems

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POST REQUIREMENTS

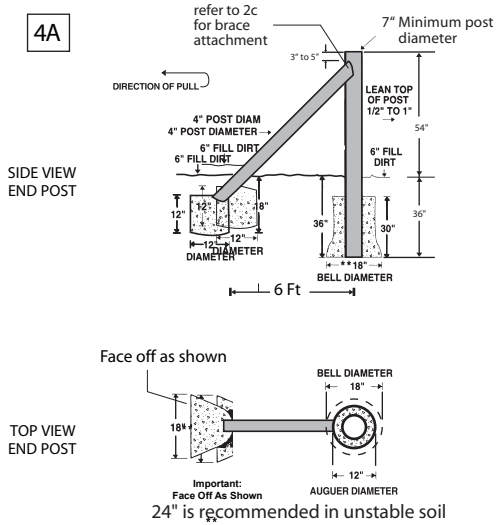
Listed below are the post specifications recommended.

Post Type	Post Diameter	Length	Depth of Embedment
Line	4" - 6"	7' - 8'	26" - 38"
Corner	7" to 8" min	8'	48"
Gate and/or Term.	6" min	8'	48"
Horizontal or Diagonal Braces	4" min	10' min.	NA

Setting End and Corner Post as shown, is the key to before and after results of a high-tensile polymer fence. Please note that concrete footings need to extend below the frost line and that footings for the upright End Posts and Corner Posts must be bell-shaped and the diagonal brace footing is faced off as shown. CCA pressure treated round posts are recommended for all corners and end posts.

END OR GATE POST

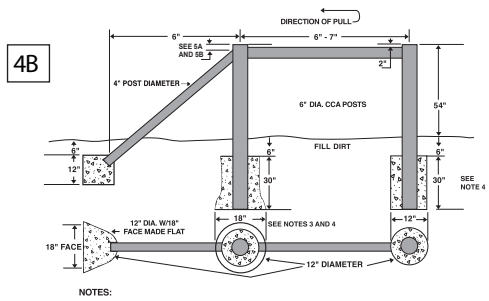
4A



** 24" is recommended in unstable soil

If a stronger end or gate post is required because of soil conditions, use horizontal/vertical bracing as shown below.

4B

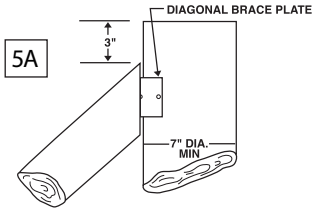


NOTES:

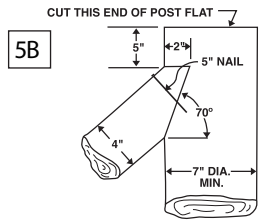
1. The depth of concrete may vary to frost lines in your area. consult local codes for details.
2. Lean post 1/2" - 1" away from direction of pull.
3. 24" bell diameter is recommended in unstable soil.
4. It is recommended to auger a 16" diameter hole, 3 feet deep with a bell in the northern states and a 4 feet, 16" diameter in Canada.

Illustrations 5A and 5B represent two recommended ways to attach the diagonal brace post to the end or gate post.

5A



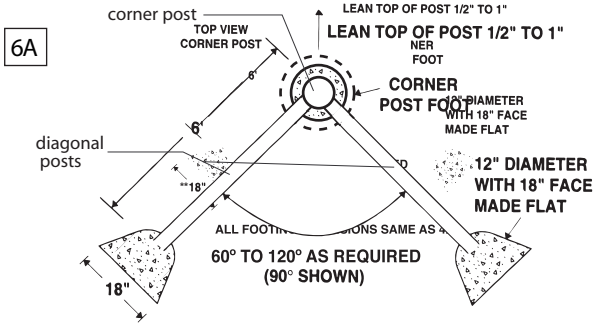
5B



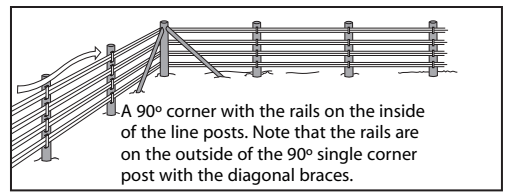
CORNER POSTS

Plan for the mounting of rails on the outside of the corner post when using a 90° corner as shown in illustrations 6B and 6C (see page 6). Only the 4" rails can be mounted on the inside of a five-post rounded 90° corner using the brackets along with 5" nails. See 7A, 7B and 7C for layout and concrete footing requirements. For maximum strength and safety, rails should be mounted on the inside of line posts. See 6B. An electric wire is recommended when animals are on both sides of the fence.

6A



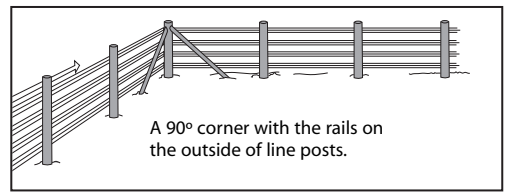
6B



A 90° corner with the rails on the inside of the line posts. Note that the rails are on the outside of the 90° single corner post with the diagonal braces.

NOTE: FOR A SAFER INSTALLATION IT IS RECOMMENDED TO INSTALL THE RAIL ON INSIDE OF LINE POST TOWARD LIVESTOCK.

6C



A 90° corner with the rails on the outside of line posts.