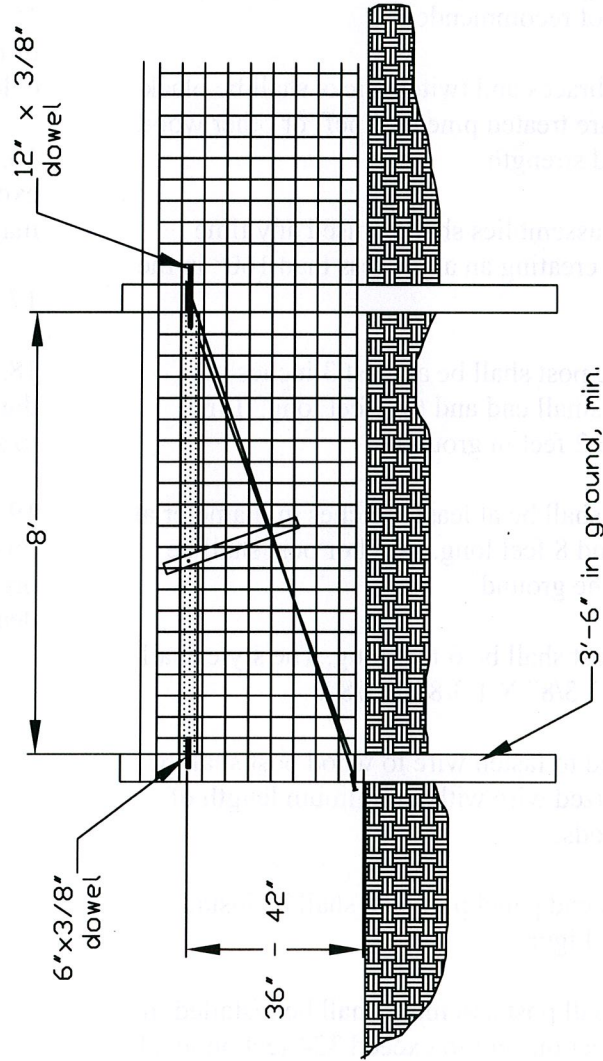
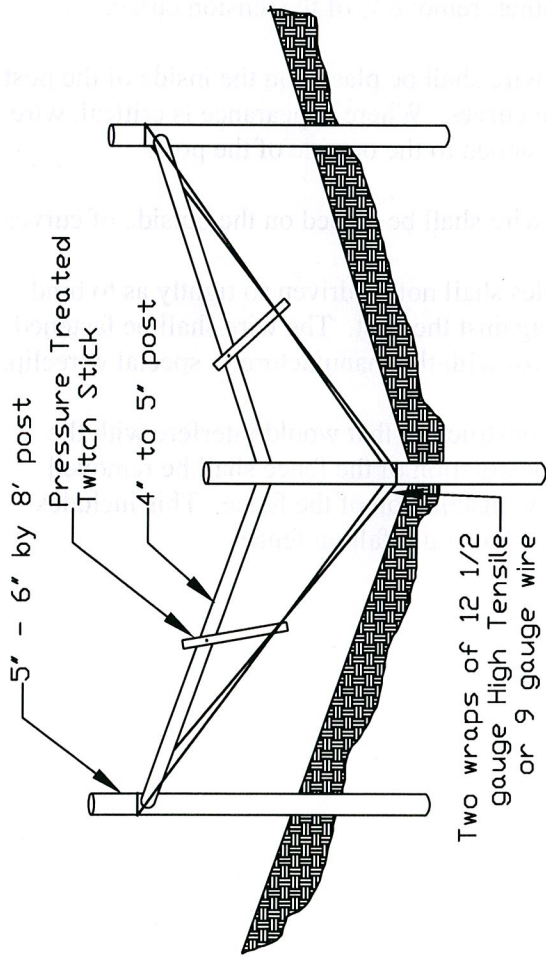


## Construction Specification Woven Wire

1. Zinc Coating shall be a minimum of Class 1 for 12½ gauge woven and barbed wire and Class 3 for 15 ½ gauge barbed wire and 12 ½ gauge high tensile wire.
2. Woven wire shall be 39 or 47 inches high. The top and bottom wire shall be 10 gauge. The filler wires shall be 12 ½ gauge. The stay (vertical) wires in the fencing shall be of the same gauge as the filler wires and shall be 6 to 12 inches apart.
3. Woven wire fence shall have 1 strand of barbed wire placed 4 to 5 inches above the woven wire.
4. Woven wire shall be supported by line post, spaced 12 feet apart. The general use of existing trees as line post is not recommended.
5. Wood post, braces and twitch sticks shall be black locust or pressure treated pine (0.4 pcf) or other wood of equal life and strength.
6. Corner post assemblies shall be used any time there is a curve creating an angle less than 160° in the fence line.
7. Wooden line post shall be at least 3 inches in diameter at the small end and 6 ½ feet long. Line post shall be set 2 feet in ground.
8. Corner post shall be at least 5 inches in diameter at the small end and 8 feet long. Anchor post shall be set 3 ½ feet in the ground.
9. Steel line post shall be 6 feet long. The style shall be "T" Section 1 3/8" X 1 3/8" X 1/8".
10. Stables used to fasten wire to wood post shall be 9 gauge galvanized wire with a minimum length of 1½" for softwoods.
11. Corner and end panel pull post shall be installed as shown in the Figures.
12. Corner or pull post assembly shall be installed in straight fence sections not to exceed 324 feet on level land or at other points of changes in slope and curves.
13. Post maybe handset or set with post driver. Post that are backfilled with concrete shall have no stress applied to post until at least 24 hours after concrete is poured.
14. For the "H" brace assembly shown, the pull and brace post shall be 5" to 6" diameter post 8 feet long. The horizontal brace shall be 4" to 5" diameter post 8 feet long. Six and twelve inch by ¾" diameter dowels or equivalent shall be used to attach brace to the post. Brace wire consists of 2 rounds of 12 ½ gauge (4 wires top to bottom) or 1 round of 9 gauge wire (2 wires top to bottom) with a twitch stick. ¾" diameter dowel or equal must be used at bottom and top of post to support brace wire. A single 12 ½ gauge wire with ratchet wheel may be also be used. The "H" assembly is the required corner for a woven wire fence.
15. In warm weather, wire shall be stretched until ¼ of the height of the "tension curve" is removed. In cold weather, remove ½ of the tension curve.
16. The wire shall be placed on the inside of the post except on curves. Where appearance is critical, wire maybe fastened to the outside of the post.
17. The wire shall be placed on the outside of curves.
18. Stables shall not be driven so tightly as to bind the wire against the post. The wire shall be fastened to steel post with the manufacturer's special wireclip.
19. Any obstruction that would interfere with the proper construction of the fence shall be removed prior to the installation of the fence. This includes dead trees that could fall on fence.





**SINGLE-SPAN BRACE ASSEMBLY**

See back for Narrative Specifications

**Landowner's Name**  
**Woven Wire Fence Specification**  
**Ashe County, NC**

**U.S. DEPARTMENT OF AGRICULTURE**  
**NATURAL RESOURCES CONSERVATION SERVICE**

Designed	SCB	Date	6-07
Drawn	SCB	Title	District Conservationist
Traced	HTew	Sheet No.	6-07
Checked		Drawing File Name:	