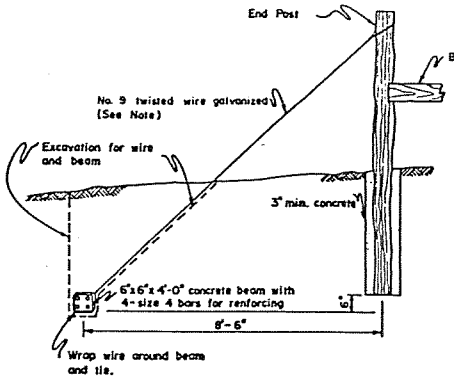
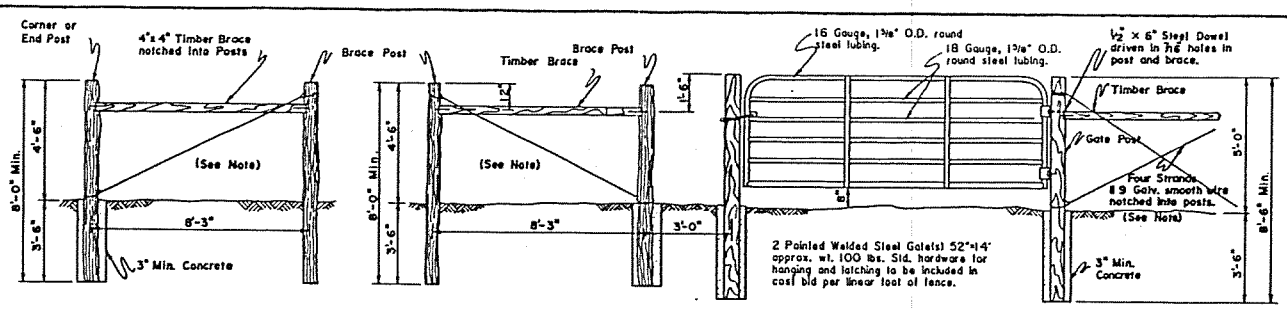
Clear Form Print Form





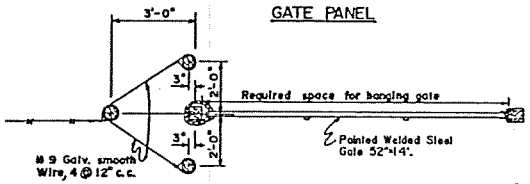
CORNER OR END PANEL

WOOD POST TO BE TREATED AS FOLLOWS:

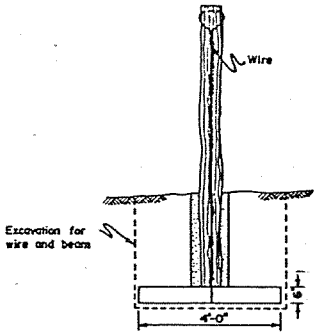
Kind of Treatment	Minimum Retention of Preservative	Federal Specification
Chromated Copper Arsenate (CCA)	0.40 lbs./cu. ft.	TT-W-571
Pentachlorophenol	0.30 lbs./cu. ft.	TT-W-571

Refer to Specifications 591. Farm Field Fencing Materials

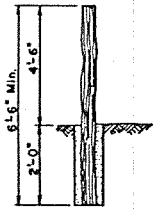
GATE PANEL



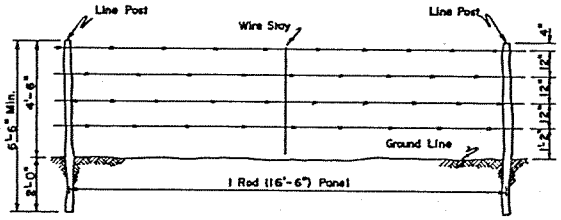
Note: Gates shall be located as directed by the Engineer.



Note: Beam may be poured at same time as inlet or cradle

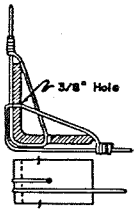


Wood Posts within Sediment pool area to be set in Concrete.



BARBED WIRE

Barbed wire to be 12 1/2 ga. Zinc Coated galv. double strand, or other gage wire with equivalent breaking strength. Wire stays to be 10 ga, galvanized two strand spiral twist-on type, placed at mid-point of each panel. Stays to be twisted firmly against top fence strand. The minimum length shall be 48."

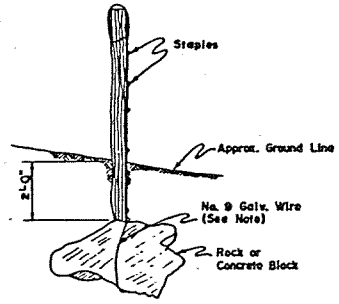


MINIMUM POST SIZE

Corner & Braces	Cedar, 8" dia. Treated Pine 6" dia. Bois d' arc, 6" dia.
Line Posts	Cedar, 5" dia. Treated Pine 4" dia. Bois d' arc, 3" dia. other, see specifications
Gate Posts	6" Square Treated Pine

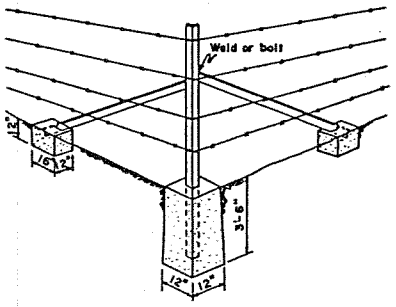
Note:
Where hard rock is encountered, the line posts may be set on the rock or a minimum of 18 inches, which ever is deeper.

Note:
All tension brace wires shall be double (4 wires) strands from the top of the brace or gate post to the bottom of the pull, end or corner post. Each strand shall make an extra loop around the posts at each point of attachment and the strands twisted until the assembly is rigid. Wire shall be smooth, 9 gage, galvanized.



DEADMAN FENCE ANCHOR

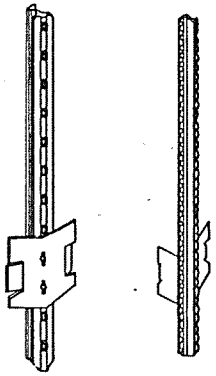
Deadman to be used on line post at all sharp breaks in slope, where post will be subjected to upward thrust.



CORNER PANEL

Steel line posts shall meet Federal Specification RR-F-221, for style 1, T-section, painted.

ALTERNATES



LINE POSTS

ALTERNATE 1

Gate, End, and Corner Post to be made of angle steel 2 1/2" x 2 1/2" x 1/4". Gate and End Post equipped with one brace and Corner Post with two braces. Braces are 2"x2"x3/16" angles.

Gate Post Assembly 7'-8" 50.1 lbs.

Corner Post Assembly 7'-8" 68.8 lbs.

ALTERNATE 2

Gate, End, and Corner Post shall be 2" I.D. standard weight galvanized pipe (ASTM-A-120)

Pipe braces shall be 1 1/2" I.D. standard weight galvanized pipe (ASTM-A-120)

Post caps, braces and post fittings shall meet the requirements of Federal Specification RR-F-183.

FENCE DETAILS

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed ..... Date
Drawn .....
Traced .....
Checked .....
Approved by .....
Title .....
Title State Conservation Engineer
Sheet No. ..... of .....
Drawing No.

SCS-313-C (9-64)

AR-ENG-604