

Design Assumptions for
Nebraska Base Drawing NE500-70-003
Type 4N Fence with Pass Through Gate

New drawing: 6/04

Type 4N Fence with Pass Through Gate

Note: Two direction change assemblies required at each location.

Instructions for
Nebraska Base Drawing NE500-70-002
Type 4N Fence with Pass Through Gate

Fill in the following data fields to automatically fill in the necessary data fields on the drawing.

Title block

Title line(s)

Subtitle line

County, State

Sheet number of

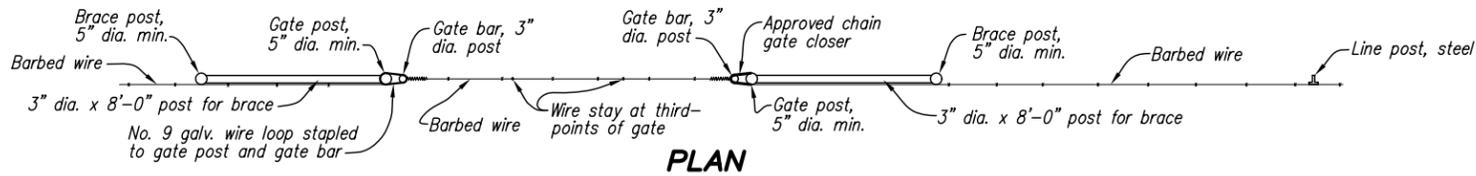
Who / When

Designed

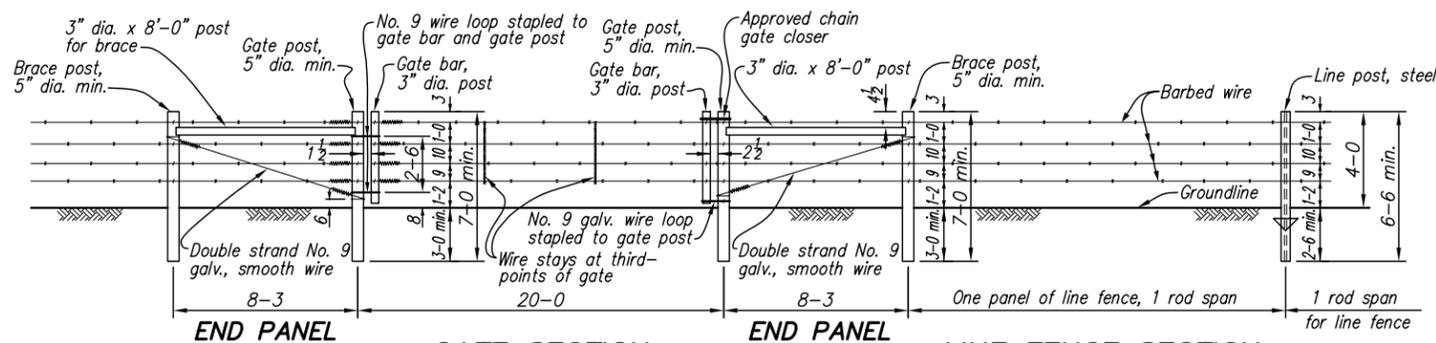
Drawn

Checked

Left click data blue data fields to enter required information.



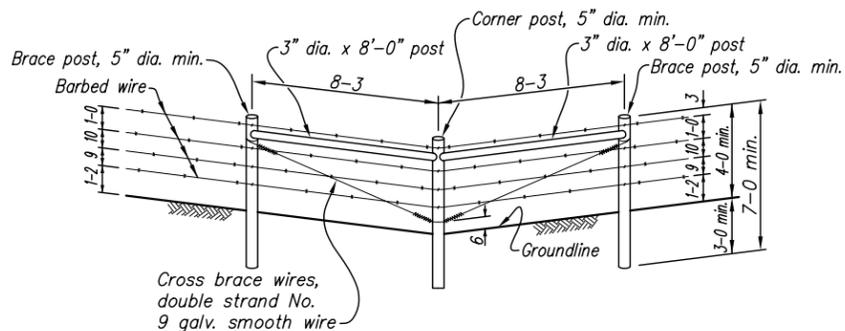
PLAN



END PANEL

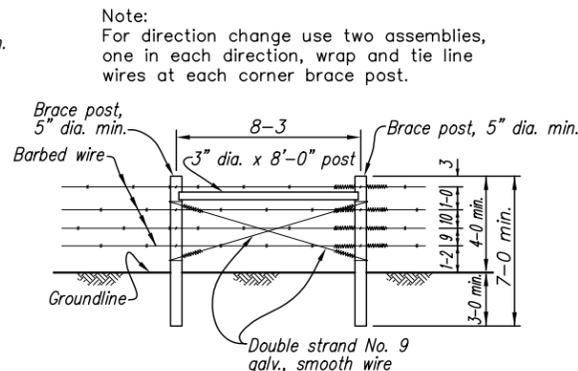
GATE SECTION

LINE FENCE SECTION



CORNER ASSEMBLY

Use when fence alignment changes 70' or more.



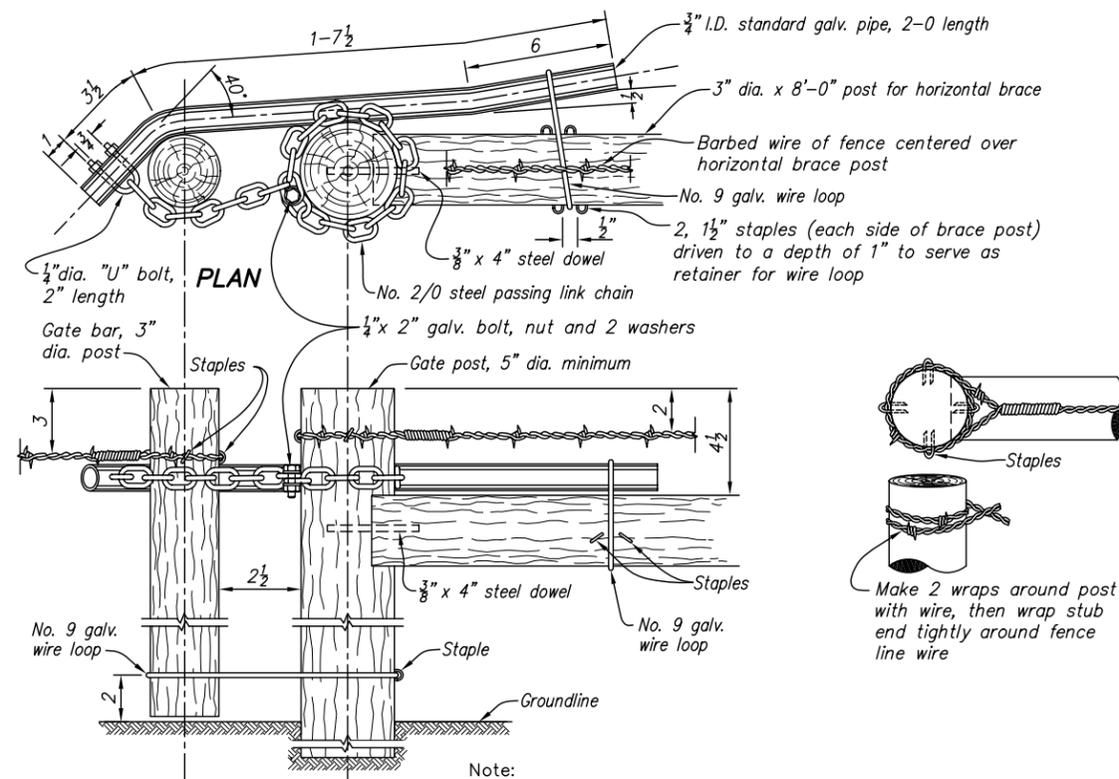
PULL POST AND DIRECTION CHANGE ASSEMBLY

Pull post assembly required for vertical alignment changes of 10' or larger and at 40 rod intervals.

Direction change assembly required for horizontal alignment change of 5' to 70'.

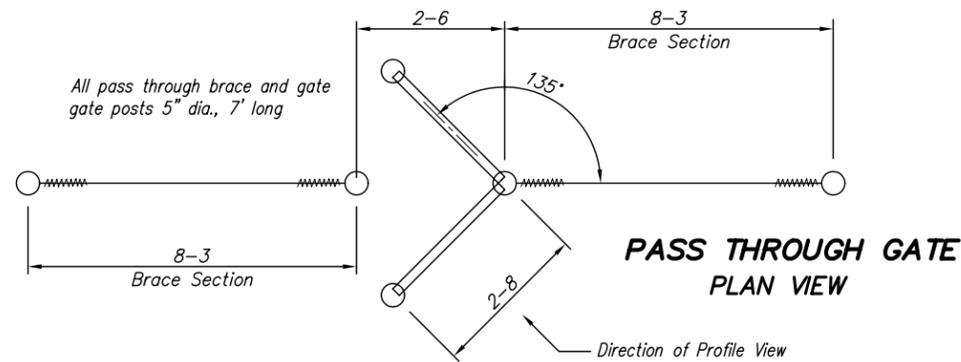


Western Union Splice

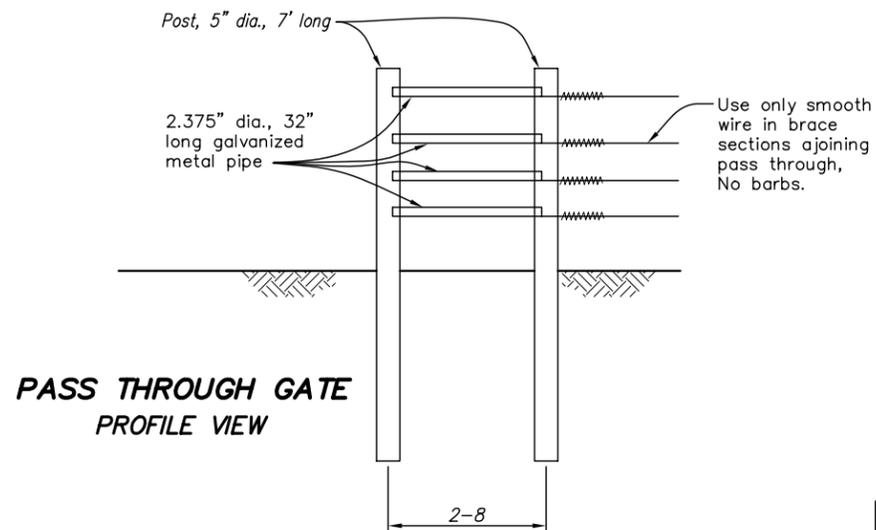


ELEVATION CHAIN GATE CLOSER

(Any other type of gate closer must be approved by NRCS Inspector)



PASS THROUGH GATE PLAN VIEW



PASS THROUGH GATE PROFILE VIEW



LINE FENCE ACROSS NARROW DRAWS

Notes:

- Notch gate posts, brace posts and corner posts 1" for the horizontal 3" dia. by 8'-0" wood post.
- Fasten each horizontal brace with 3/8" x 4" steel dowel, 2" into each post.
- Staple No. 9 cross-brace wires to gate, brace and corner posts at quarter points of posts.
- Barbed wire to consist of two strands of 12 1/2 gauge galvanized wire with 2-point, 14 gauge barbs spaced on about 4" centers. Wire should never be kinked or nicked.
- All line posts shall be steel tee type, with triangular shaped ground pressure plate. Posts shall be triangled in accordance with construction specifications. Fasten barbed wire to line posts with standard clamps.
- All corner, brace gate posts and gate bars shall be wood and treated in accordance with construction specifications.
- Staples to be No. 9 gauge, 1 1/2" long (1" long for hardwoods). At corner and gate posts, staple each wire at quarter points of posts. At brace posts and gate bars, double-staple each wire. Drive staples diagonal to wood grain and at a slightly downward angle. Wire shall be wrapped around and tied at each gate post, corner post and one brace post in line fence bracing.
- Posts shall be set vertically and in alignment per plans.
- When wire splice is required, use "Western Union Splice" as shown in detail drawing.
- Wire gate stays shall be galvanized.
- Wood posts, minimum 5" dia. and 7'-0" long, may be used in lieu of steel posts in line fence.
- All vertical corner posts will be set with 2 bags of dry ready mix around base, and 1 bag no higher than 6 inches below the ground surface at the top of each post. Two rounds of new barbed wire will be included within the cement packing both top and bottom.

TYPE 4N FENCE WITH PASS THROUGH GATE

Date	
Designed	
Drawn	
Checked	
Approved	



CAD file: NE500-70-003.dwg
Drawing No.

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