

Design Assumptions for
Nebraska Base Drawing NE500-70-002
Type 4N Fence with Hog Panel Cattle Barrier

New drawing: 6/04 Replaces: 5002-41

Type 4N Fence with Hog Panel Cattle Barrier

No design assumptions.

Instructions for
Nebraska Base Drawing NE500-70-002
Type 4N Fence with Hog Panel Cattle Barrier

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

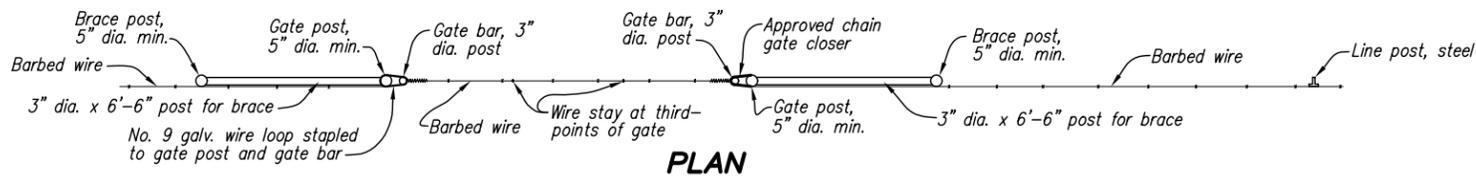
Designed

Drawn

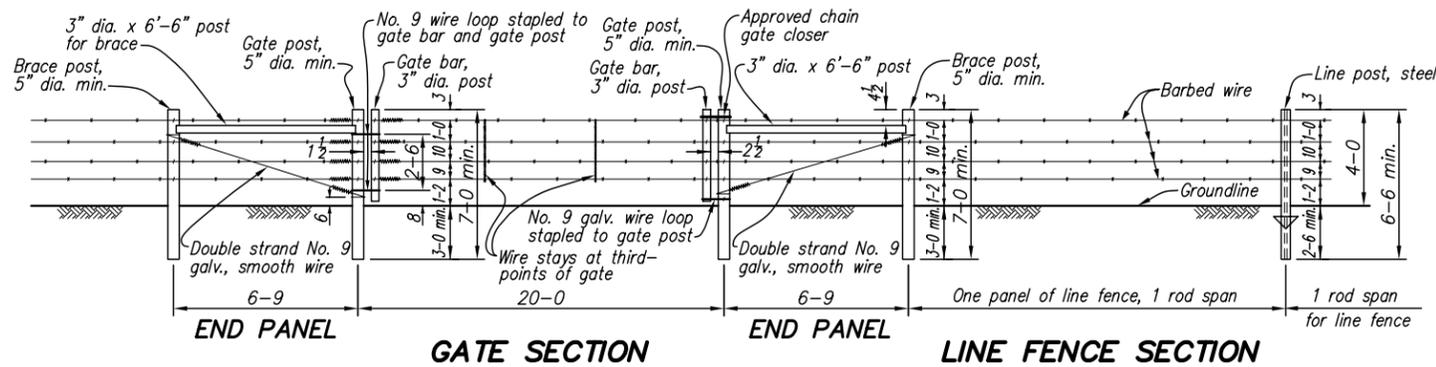
Checked

Enter directly on drawing

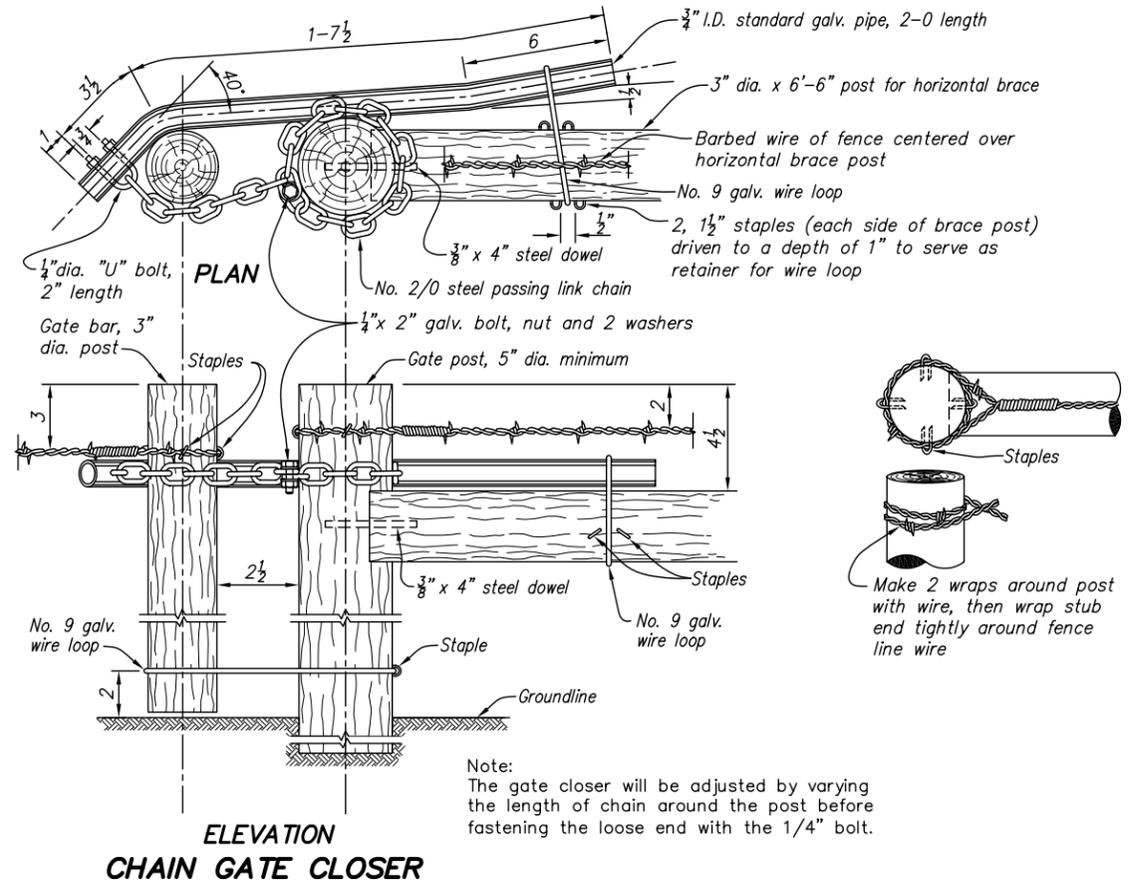
Left click on yellow boxes on drawing to mark with X as required.
Left click data blue data fields to enter required information.



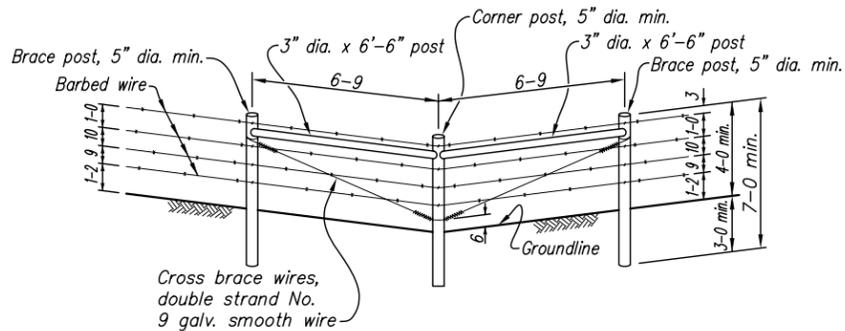
PLAN



GATE SECTION

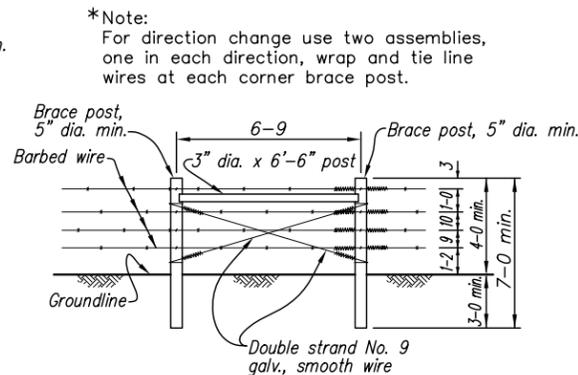


ELEVATION CHAIN GATE CLOSER



CORNER ASSEMBLY

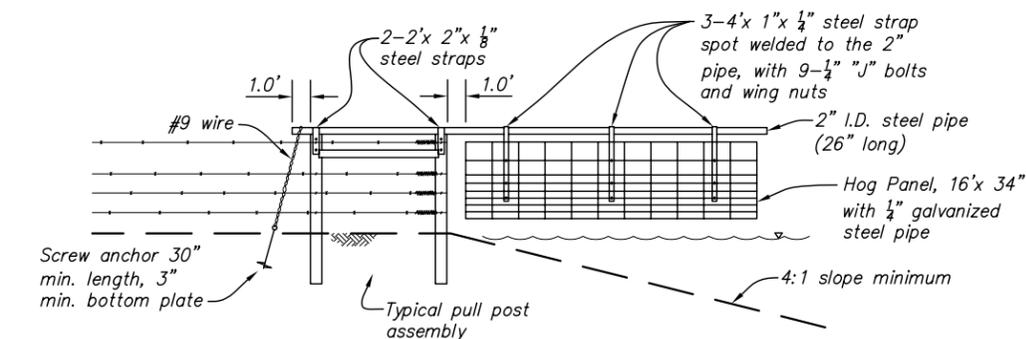
Use when fence alignment changes 70' or more.



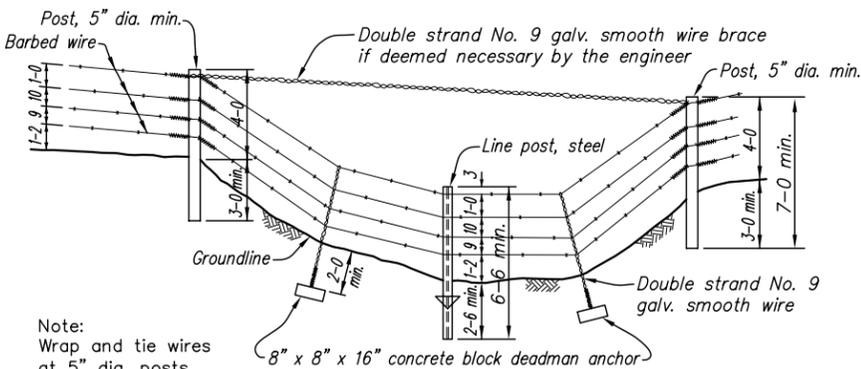
PULL POST AND DIRECTION CHANGE ASSEMBLY

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'.



CANTILEVERED HOG PANEL CATTLE BARRIER

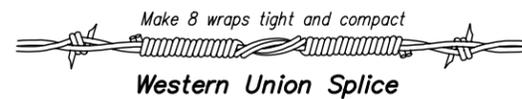


LINE FENCE ACROSS NARROW DRAWS

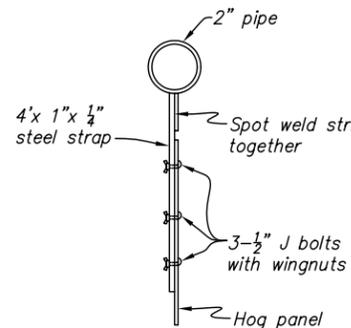
Notes:

- Notch gate posts, brace posts and corner posts 1" for the horizontal 3" dia. by 6'-6" 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.
- All line posts shall be steel tee type, with triangular shaped ground pressure plate. Posts shall be painted 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 3 1/2" dia. and 6'-6" long, may be used in lieu of steel posts in line fence.



Western Union Splice



HOG PANEL STRAP ASSEMBLY

REQUIREMENT TABLE
(X box for requirement)

<input type="checkbox"/>	Type 4N fence with hog panel cattle barrier
<input type="checkbox"/>	Type 4N fence without hog panel cattle barrier

Notes for cattle barrier:

- The 2" I.D. steel pipe shall be extra strong with a minimum wall thickness of 1/4".
- The hog panel shall be similar or equal to Tractor Supply - No. 361-0325 or Orscheln Farm & Home - No. 997-0870.
- The screw anchor shall be similar or equal to Sears - No. 71KF47936C or Tractor Supply - No. 361-0008 or Orscheln Farm & Home - No. 199-0022.

TYPE 4N FENCE WITH HOG PANEL CATTLE BARRIER

Date _____
Designed _____
Drawn _____
Checked _____
Approved _____



CAD file: NE500-70-002.dwg
Drawing No. _____
Sheet _____ of _____

Nebraska Standard Drawing NE500-70-002 Revised 6/04 Replaces 5002-41