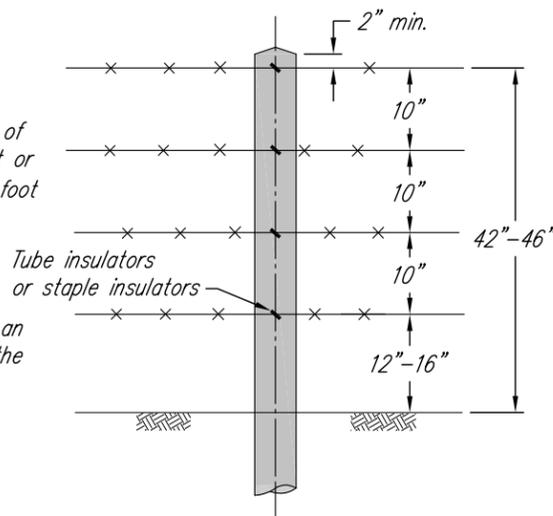


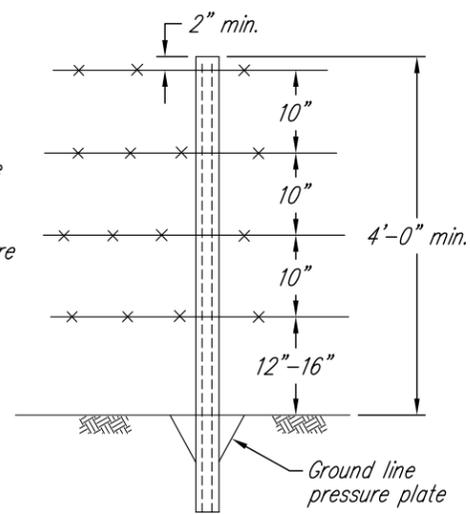
OPTIONAL:
When pressure treated, tops of posts may be cut either flat or beveled in 2 planes, 4" per foot each way.

BARBED WIRE:
Minimum of 4 wires spaced an equal 10 inches apart with the lowest wire at 12-16 inches above the ground.



WIRE DETAIL

Steel line posts shall be t-type, with triangular shaped ground line pressure plate. They shall be driven into the ground to a depth that the ground line pressure plate is buried. Minimum weight per foot 1.33 lbs. exclusive of anchor plate.



STEEL LINE POST DETAIL

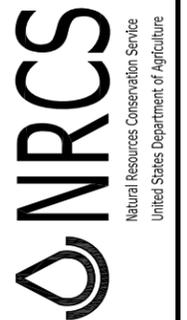
ESTIMATED QUANTITIES

ITEM	SIZE	LENGTH	APPROXIMATE QUANTITY
Corner Post (CP)	6" min.	7'-0" min.	
Brace Post (BP)	5" min.	7'-0" min.	
Line Post (LP)	4" min.	7'-0" min.	
Brace (see Note #12)	3 1/2" min.	8'-0" min.	
Dowel Pins - Steel	3/8" min.	5", 10"	
Barbed Wire, Galvanized	12 1/2 gauge	As required	
Brace Wire, Galvanized	9 or 12 1/2 gauge	As required	
Staples	9 gauge		
Treated Cross-Piece for LP (Dip Area)	2" x 4"	2'-0" min.	
Carriage Bolt for Cross-Piece (Dip Area)	3/8" dia.	8"	

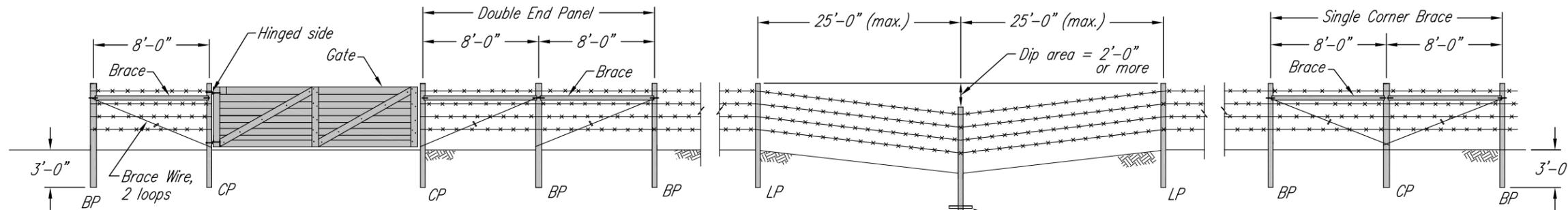
Date _____
Designed _____
Drawn _____
Checked _____
Approved _____

BARBED WIRE FENCE DETAILS

Co., Michigan
Township, T. -R., Sec.



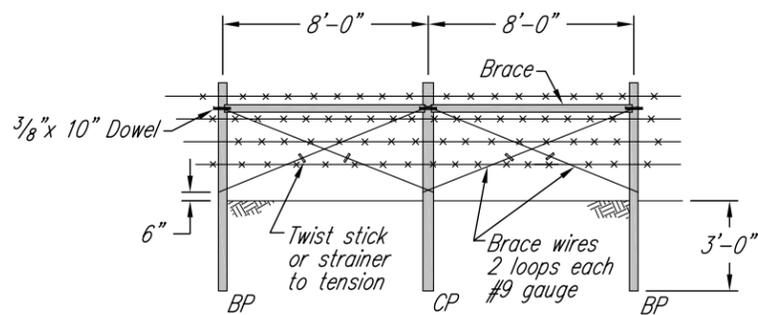
File Name _____
Drawing Name MI-200-B
Sheet _____ of _____



FENCE ELEVATION

NOTES:

1. A single 12 foot long, 6 inch minimum diameter post may be substituted for end panel, corner and vertical change bracing, and pull post assembly. The 12 foot long posts shall extend a minimum of 7.5 feet into the ground and be backfilled with gravel.
2. Commercially available connectors for wire shall be used.
3. Install corner assembly at all points where fence alignment changes 15 degrees or more.
4. Install single pull post assembly in straight fence sections at intervals of no more than 660 feet. Install double pull post assembly in straight fence sections at intervals of greater than 660 feet.
5. Staple cross-brace wires to brace and corner posts at quarter points of the posts.
6. Staples to be minimum No. 9 gauge, galvanized, 1 1/4" long for hard woods and 1 3/4" long for soft woods.
7. At corner posts, staple each wire at quarter points of posts. At brace posts, double staple each wire. At line posts, secure each wire with standard clamps or staples.
8. Minimum net retention of chromated copper arsenate (CCA) or alkaline copper quat (ACQ) for wood fence posts shall be 0.40 pounds per cubic foot. Untreated wood fence posts may be decay resistant wood such as cedar or osage orange.
9. A commercial metal (galvanized steel, painted steel, or aluminum) gate acceptable to the NRCS Representative complete with necessary hardware and fittings shall be used.
10. Where steel line posts are used, a wooden line post shall be installed at least every 165 feet.
11. Join the horizontal brace members to the Corner Post of a Single Corner Brace with steel dowel pins 3/8" by 5" long in pre-drilled holes 2-3" deep into the Corner Post and brace. Construct all other brace assemblies using 3/8" by 10" steel dowel pins driven through pre-drilled borings in the Center Post and Brace Posts to join the horizontal brace. Leave approximately 1" of dowel pin showing on each Brace post to attach the brace wire.
12. Brace Options: 3 1/2" minimum diameter or square wood braces or tubular steel braces, 2" min. O.D. or steel flanged U braces 1.8 lbs./ft., ends pinched and drilled and fastened to posts with 3/8" x 3" lag screws, may be used. All braces and screws shall be galvanized for CCA treated or decay resistant wood, or hot dip galvanized for ACQ treated wood.



DOUBLE PULL POST ASSEMBLY

MICHIGAN ENGINEERING STANDARD DRAWING
FILE NAME MI-200-B 9-09.dwg
STANDARD DWG. NO. MI-200-B
DATE 9-09 SHEET 1 OF 1

This standard drawing may only be used where it is part of site-specific construction drawings approved by a person authorized through federal or state law to approve engineering drawings. Generic approval of this standard drawing by NRCS noted in the lower left hand corner is NOT an endorsement of its use at a specific site.

Dimensions in inches or feet-inches

Not to Scale