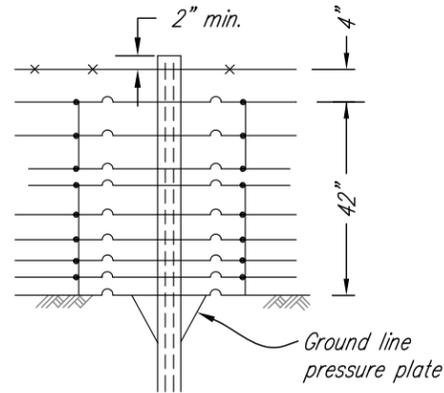


OPTIONAL:
When pressure treated, tops of posts may be cut either flat or beveled in 2 planes, 4" per foot each way.

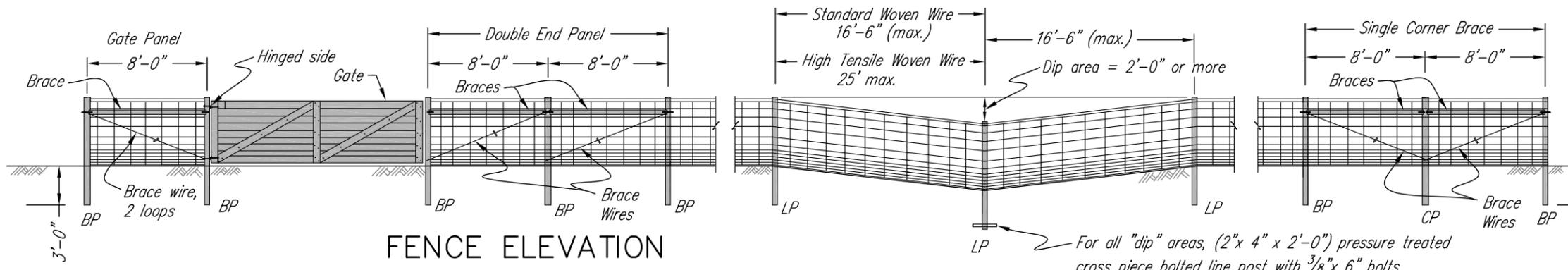
WIRE DETAIL

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.

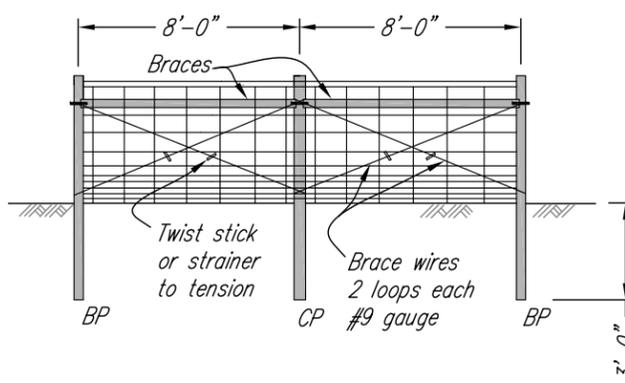


STEEL LINE POST DETAIL

ESTIMATED QUANTITIES			
ITEM	SIZE	LENGTH	APPROXIMATE QUANTITY
Corner Post (CP)	6" min.	7'-0" min.	
Brace Post (BP)	6" min.	7'-0" min.	
Line Post (LP)	5" min.	7'-0" min.	
Brace (see note #12)	3.5" min.	8'-0"	
Dowel Pins - Steel	3/8" diam.	5", 10"	
Farm Fence Fabric (Woven Wire) Galvanized	1047-6-12	As Required	
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" diam.	8"	



FENCE ELEVATION



DOUBLE PULL POST ASSEMBLY

All dimensions in inches or feet-inches.

Notes:

- 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.
- Commercially available connectors for wire shall be used.
- Install corner assembly at all points where fence alignment changes 15 degrees or more.
- Install single corner assembly when straight fence lengths of pull are no more than 660 ft. between tie off at corners, gates, and ends. Install double corner assembly when straight fence lengths of pull are greater than 660 ft.
- When using standard woven wire, install a single pull post assembly with two brace wires spaced at 660 ft. intervals or midway between end, corner or angle change assemblies when the length of pull is 660-1320 ft. For high tensile woven wire, install a (cont.) double pull post assembly at intervals of no more than 1320 ft. regardless of length of pull.
- Wire above the woven wire may be barbed, high tensile smooth, polybraid or polytape.
- Staples to be minimum No. 9 gauge, galvanized, 1 1/4 inches long for hard woods and 1 3/4 inches long for soft woods.
- At corner posts, staple each wire at quarter point of posts. At brace posts, double staple each wire. At line posts, secure each wire with standard clamps or staples.
- 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.
- A commercial metal (galvanized steel, painted steel or aluminum) gate acceptable to the NRCS Representative complete with necessary hardware and fittings shall be used.
- Where steel line posts are used, a wooden line post shall be installed at least every 165 feet.
- 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.
- 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.

Not to Scale

MICHIGAN ENGINEERING STANDARD DRAWING			
FILE NAME	MI-220-B	8-11.dwg	
STANDARD DWG. NO.	MI-220-B		
DATE	8-11	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.

Date _____

Designed _____

Drawn _____

Checked _____

Approved _____

Woven Wire Fence Details

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



File Name	
Drawing Name	MI-220-B 8-11
Sheet	of