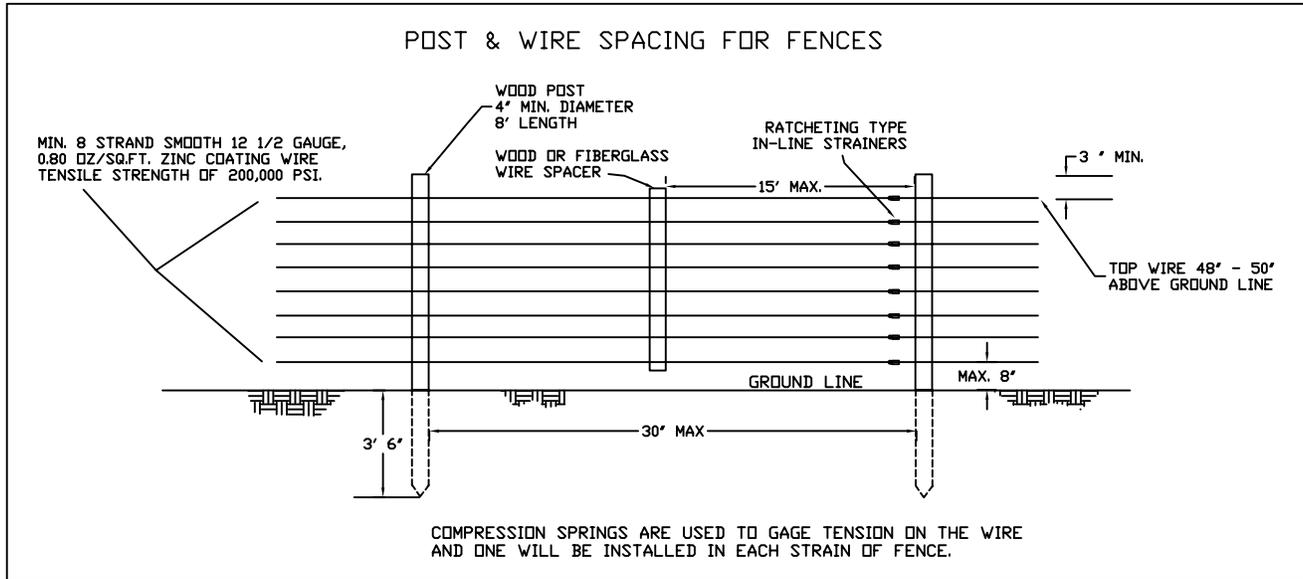


NON-POWERED HIGH TENSILE FENCE DETAILS



POSTS

WOOD POSTS SHALL BE OF RED CEDAR, BLACK LOCUST, REDWOOD, PRESSURE TREATED PINE, OR OTHER WOOD OF EQUAL LIFE OR STRENGTH.

ALL WOOD POSTS EXCEPT RED CEDAR, BLACK LOCUST, REDWOOD, WHITE OAK, AND BURR OAK SHALL BE TREATED WITH CREOSOTE, PENTACHLOROPHENAL, OR COPPER CHROMATE ARSENATE (CCA) BY A METHOD SUCH THAT COMPLETE SATURATION OF THE SAPWOOD IS OBTAINED.

POSTS SHALL BE SOUND, NEW, AND FREE FROM DECAY WITH ALL LIMBS TRIMMED FLUSH WITH BODY.

USED RAILROAD TIES IN SOUND CONDITION MAY BE UTILIZED FOR POSTS IF FREE FROM EXCESSIVE CRACKING OR DECAY.

FASTENERS

WIRE SHALL BE FASTENED TO THE POSTS WITH CLASS III BARBED GALVANIZED STAPLES 1.75" LONG

DRIVE STAPLES DIAGONALLY TO THE WOOD GRAIN AT A SLIGHT DOWNWARD ANGLE (UPWARD IF THE PULL IS UP) TO AVOID SPLITTING THE POST. SPACE SHALL BE LEFT BETWEEN THE POST AND STAPLE TO PERMIT FREE MOVEMENT OF THE WIRE AND TO AVOID DAMAGE TO THE PROTECTIVE COATING ON THE WIRE.

WIRE

EACH WIRE WILL BE TENSIONED TO A MINIMUM OF 200 POUNDS AFTER BEING INSTALLED ON THE POSTS. TO MAINTAIN THE PROPER TENSION, RATCHETING TYPE IN-LINE STRAINERS WILL BE USED ON EACH WIRE. COMPRESSION SPRINGS ARE USED TO GAGE TENSION ON THE WIRE AND ONE WILL BE INSTALLED ON EACH STRAIN OF FENCE.

WIRE WILL BE CONNECTED ON A DIRECT LINE SPLICE WITH THREE NICOPRESS SLEEVES. END WRAPS WILL BE FASTENED WITH TWO NICOPRESS SLEEVES OR WITH A TWIST LINK.

NOTE: _____

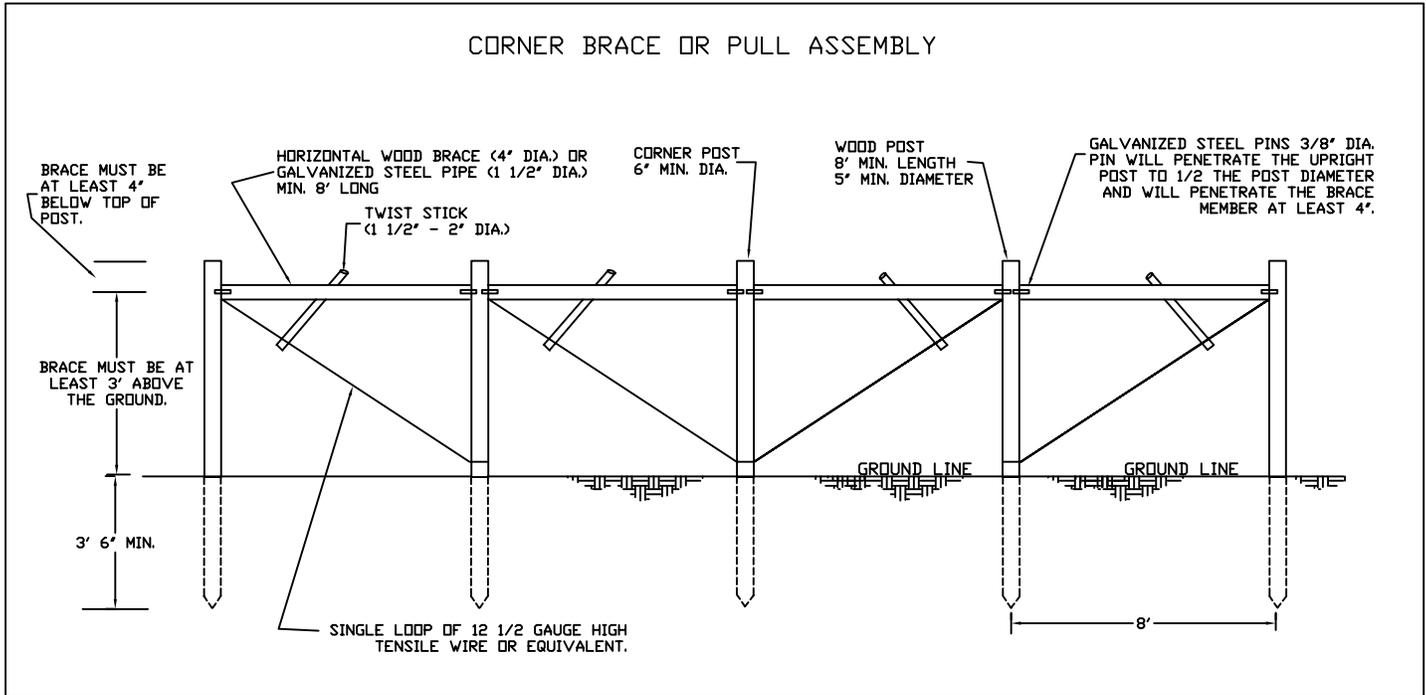
NON-POWERED HIGH TENSILE FENCE DETAILS

U.S. DEPARTMENT OF AGRICULTURE
 NATURAL RESOURCES CONSERVATION SERVICE

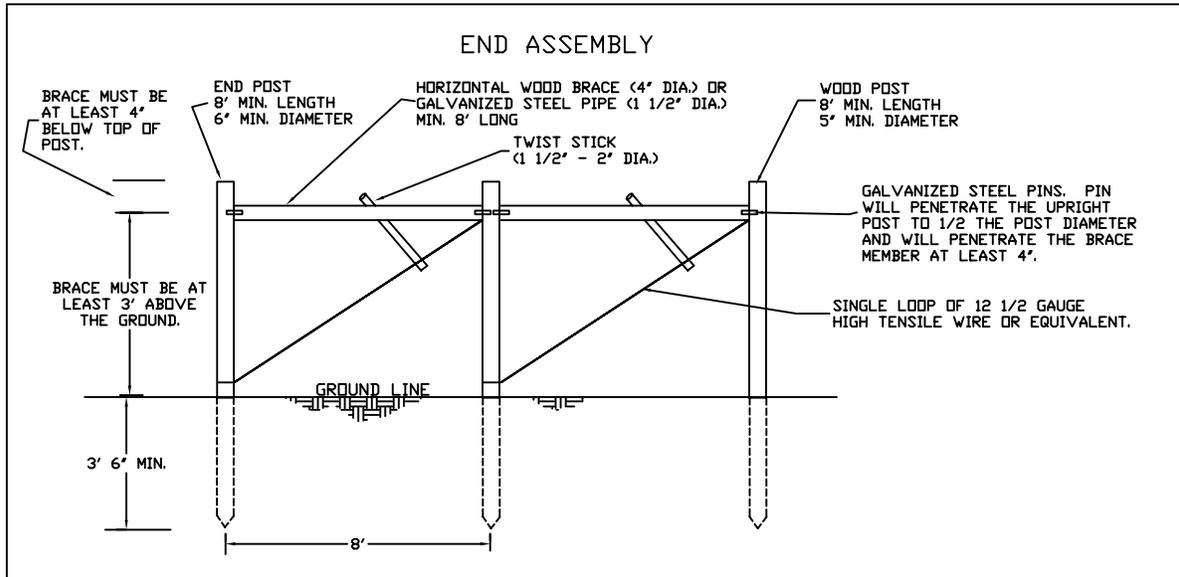
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| Designed by _____ | | Date 10/21/02 | |
| | | Drawing No. MN-ENG-803 | |

CORNER, PULL, AND END ASSEMBLIES FOR NON-POWERED HIGH TENSILE FENCES

CORNER BRACE OR PULL ASSEMBLY



END ASSEMBLY



CORNER, PULL, AND END ASSEMBLIES FOR NON-POWERED HIGH TENSILE FENCES

CORNER AND END POSTS ARE A MIN. DIAMETER OF 6" AND THE OTHER POSTS OF THE BRACE ASSEMBLIES ARE 5".

ALL BRACE ASSEMBLY POSTS WILL BE DRIVEN INTO THE GROUND OR SET IN CONCRETE TO AVOID DISPLACEMENT WHEN TENSION IS APPLIED TO THE WIRES.

NOTE: _____

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| Designed by _____ | | Date 10/21/02 | |
| | | Drawing No. MN-ENG-803 | |

CORNERS ARE REQUIRED AT ALL POINTS WHERE THE FENCE ALIGNMENT CHANGES 15 DEGREES OR MORE.

END BRACING IS REQUIRED WHERE THE FENCE ENDS, AND ON BOTH SIDES OF GATE OPENINGS.

PULL ASSEMBLIES ARE REQUIRED IN STRAIGHT SECTIONS OF THE FENCE SO THAT THE MAXIMUM DISTANCE BETWEEN BRACE POSTS DOES NOT EXCEED 2640 FEET.