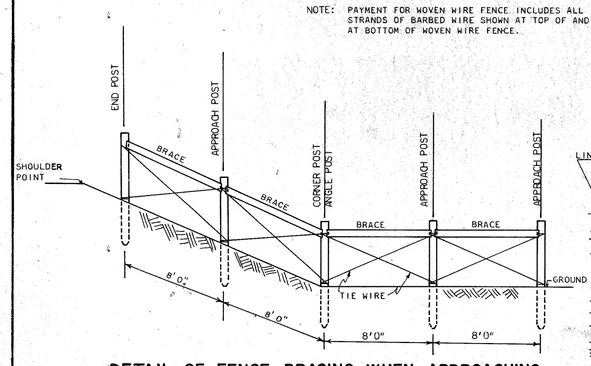
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CSNHS-0006-00(043)	454	668

RELEASED FOR CONSTRUCTION 12/02/10

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
GA.			

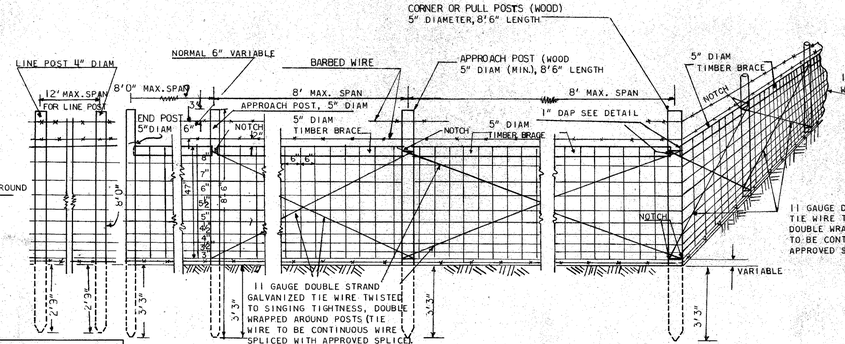
NOTE: PAYMENT FOR WOVEN WIRE FENCE INCLUDES ALL STRANDS OF BARBED WIRE SHOWN AT TOP OF AND AT BOTTOM OF WOVEN WIRE FENCE.



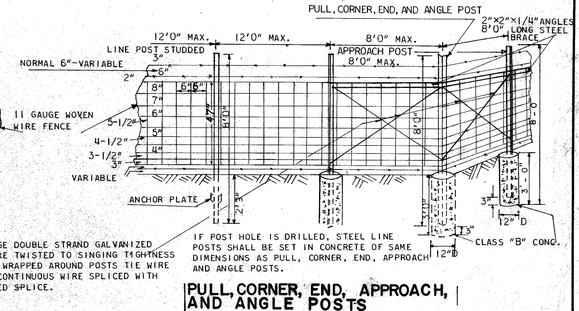
DETAIL OF FENCE BRACING WHEN APPROACHING FILL SLOPE OR ON ANGLE GREATER THAN 15°

TIMBER POST FENCE DETAILS

NOTE: ALL DIMENSIONS ARE MINIMUM UNLESS OTHERWISE NOTED.



STEEL POST FENCE DETAILS



11 GAUGE DOUBLE STRAND GALVANIZED TIE WIRE TWISTED TO SINGING TIGHTNESS DOUBLE WRAPPED AROUND POSTS TIE WIRE TO BE CONTINUOUS WIRE SPLICED WITH APPROVED SPLICE.

IF POST HOLE IS DRILLED, STEEL LINE POSTS SHALL BE SET IN CONCRETE OF SAME DIMENSIONS AS PULL, CORNER, END, APPROACH AND ANGLE POSTS.

GENERAL NOTES:

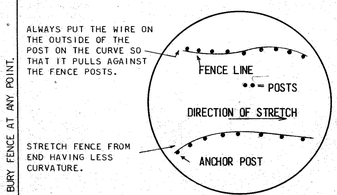
1. FENCE MAY BE ANGLED TO EDGE OF CULVERTS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE DESIGNATION OF THIS DETAIL ON THE PLANS WILL BE ON THE BASIS OF A SAFETY EVALUATION.
2. A CHANGE IN TYPE MATERIAL FOR LINE POST CONSTRUCTION WILL ONLY BE ALLOWED AT NATURAL BREAKS IN THE FENCE LINE SUCH AS GRADE SEPARATIONS, INTERCHANGES, AND BRIDGES.

TIMBER POST NOTES:

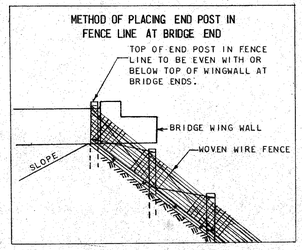
1. DIMENSIONS SHOWN AS DIAMETERS OF ROUND POSTS ALSO APPLY TO EDGE WIDTH OF SQUARE POSTS.
2. AT ABRUPT CHANGES IN GRADE, STAPLE EVERY LINE WIRE.
3. TIMBER POSTS TO BE SET BY DRIVING OR DRILLING POST HOLES.
4. USE 9 GAUGE GALVANIZED STAPLES 1-1/2" LONG FOR TIMBER POSTS AT APPROACH POST, STAPLE EVERY LINE WIRE IN TOP HALF AND ALTERNATE LINE WIRES IN BOTTOM HALF, SEE STAPLING DETAIL.
5. ALL TIMBER POSTS AND BRACING ARE TO BE SEASONED AND PRESERVATIVE TREATED IN ACCORDANCE WITH SECTION 863 OF THE STANDARD SPECIFICATIONS.
6. THE CONTRACTOR WILL BE ALLOWED TO SUBSTITUTE 4 INCH NOMINAL DIMENSION LINE POSTS FOR THE DETAILS.
7. STUDDED STEEL "T" LINE POSTS MAY BE USED WITH WOODEN PULL, CORNER, END, APPROACH, AND ANGLE POSTS.
8. SQUARE WOODEN LINE POSTS CAN BE USED IN COMBINATION WITH ROUND WOODEN PULL, CORNER, END APPROACH, AND ANGLE POSTS.

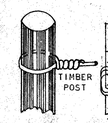
STEEL POST NOTES:

1. SET PULL, CORNER, END AND APPROACH POST IN CONCRETE.
2. SECURE EVERY LINE WIRE AT STEEL CORNER, END, ANGLE AND PULL POSTS AT STEEL LINE POSTS FASTEN EVERY LINE WIRE IN TOP HALF OF FENCE, ALTERNATE LINE WIRES IN BOTTOM HALF.



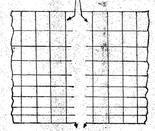
DETAIL OF CONTOUR FENCING



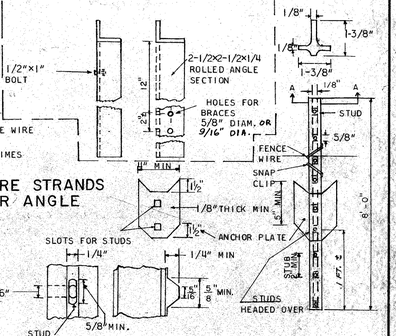


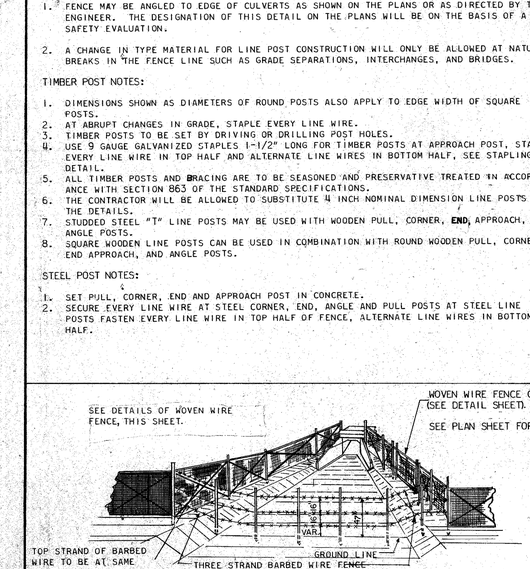
METHOD OF SECURING WIRE STRANDS OF FENCE AT END CORNER ANGLE AND PULL POST

THESE STAY WIRES TO BE REMOVED-FENCE TO BE SECURED WITH APPROVED SPLICE



PULL, CORNER, END, APPROACH, AND ANGLE POSTS



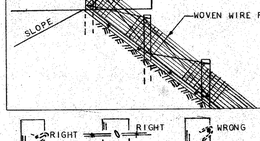


NOTE: THIS FENCE IS TO BE USED AT LARGE PIPES AND CULVERTS WHERE A DISTINCT CHANNEL IS ENCOUNTERED EXCEPT WHERE THE CULVERT HAS BEEN APPROVED AS A CATTLE PASS.

DETAIL SHOWING PLACEMENT OF THREE STRAND BARBED WIRE FENCE

NOTE: THREE STRAND BARBED WIRE FENCE IS NOT INTENDED FOR GENERAL USE AS PASTURE FENCING. SEE CONSTRUCTION DETAILS FOR FOUR AND FIVE STRAND BARBED WIRE FENCE WHERE NEEDED.

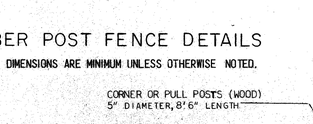
TIMBER BRACING DETAILS



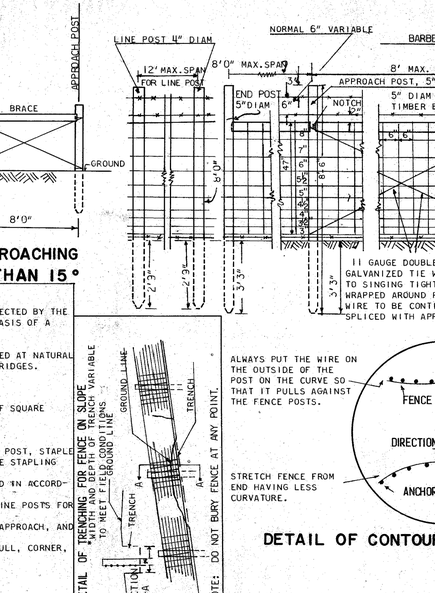
DRIVE STAPLES AT ANGLES. DO NOT DRIVE STAPLES PARALLEL TO SIDE OF POST. LEAVE WIRE LOOSE IN STAPLE.

STAPLING DETAILS

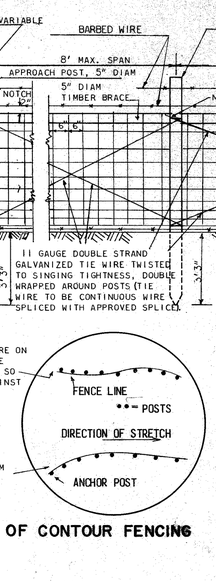
PULL POST ASSEMBLY



DETAIL OF FENCE CONSTRUCTION AT TYPE CHANGE



DETAIL OF TIMBER POST



FASTEN EACH CORNER OF METAL CAP TO SIDE OF POST WITH A 1" GALVANIZED ROOFING NAIL.

METHOD OF PLACING METAL CAP ON WOODEN FENCE POSTS

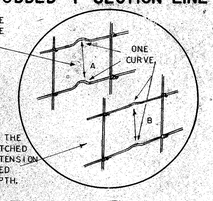
SKETCH INDICATING FENCE LOCATION AT SECTIONS OF NO FRONTAGE ROADS (REFER TO DETAIL PLANS FOR LOCATION OF FENCING FOR PROJECTS WITH FRONTAGE ROADS).

DETAIL OF CLAMP TO BE USED WITH ANGLE & PULL ASSEMBLIES WHERE STEEL POSTS ARE USED

STUDDED "T" SECTION LINE POST

A. TENSION CURVE IN THE LINE WIRE BEFORE THE FENCE IS STRETCHED.

B. TENSION CURVE AFTER THE FENCE HAS BEEN STRETCHED STRETCH WIRE UNTIL TENSION CURVE WILL NOT EXCEED 1/2 ITS ORIGINAL DEPTH.



DETAIL OF TENSION CURVE

R.M.W. 6&M REV. 3-10-88
R.M.W. ADD. NOTE FOR PAYMENT-12-2-77

CONSTRUCTION DETAILS
WOVEN WIRE FENCE

REVISED AND REDRAWN 9-29-76

Distrigon M. O. 13880-3 "Aquaproof Film"

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REVISION DATES		

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DEPARTMENT OF TRANSPORTATION
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CONSTRUCTION DETAILS

DRAWING No. 40-012

3/1/2007 GPLN