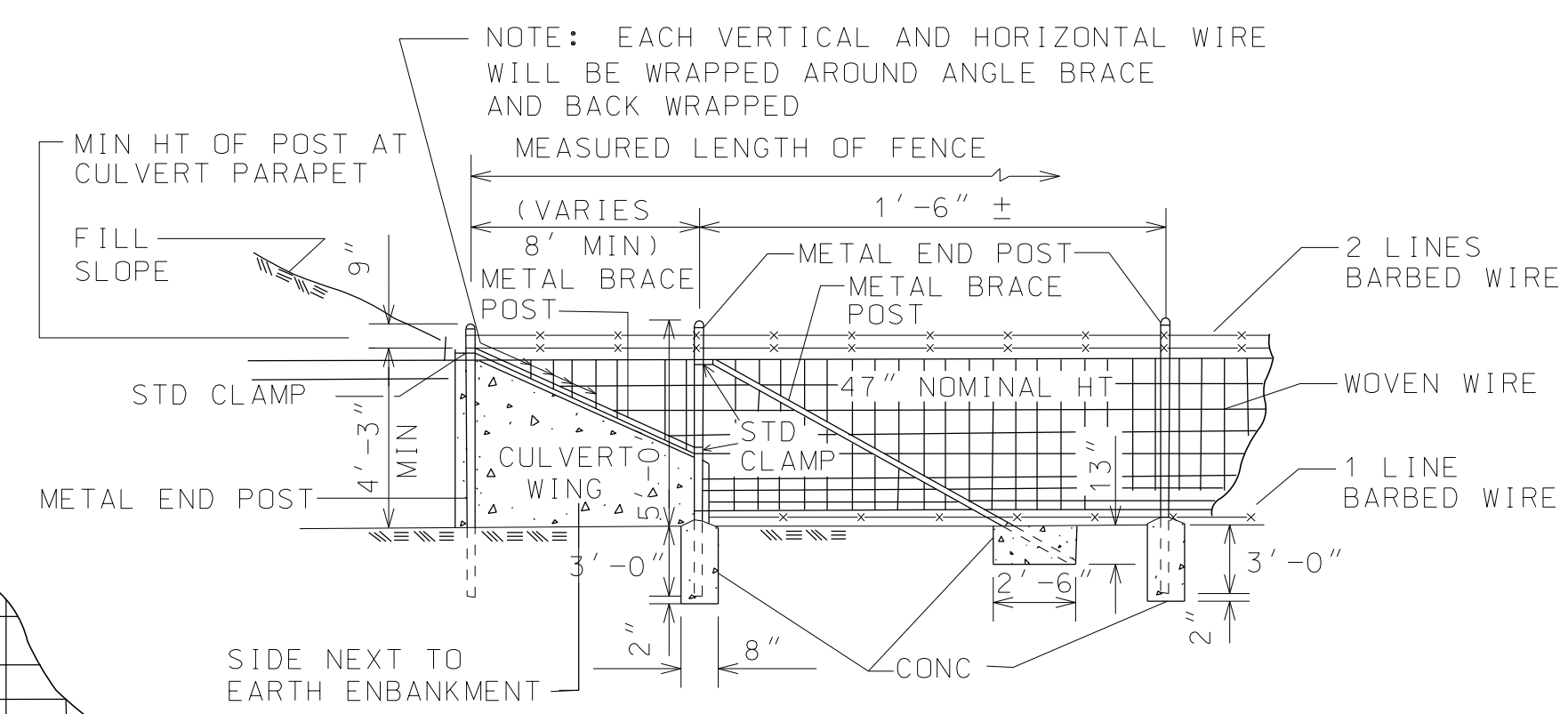
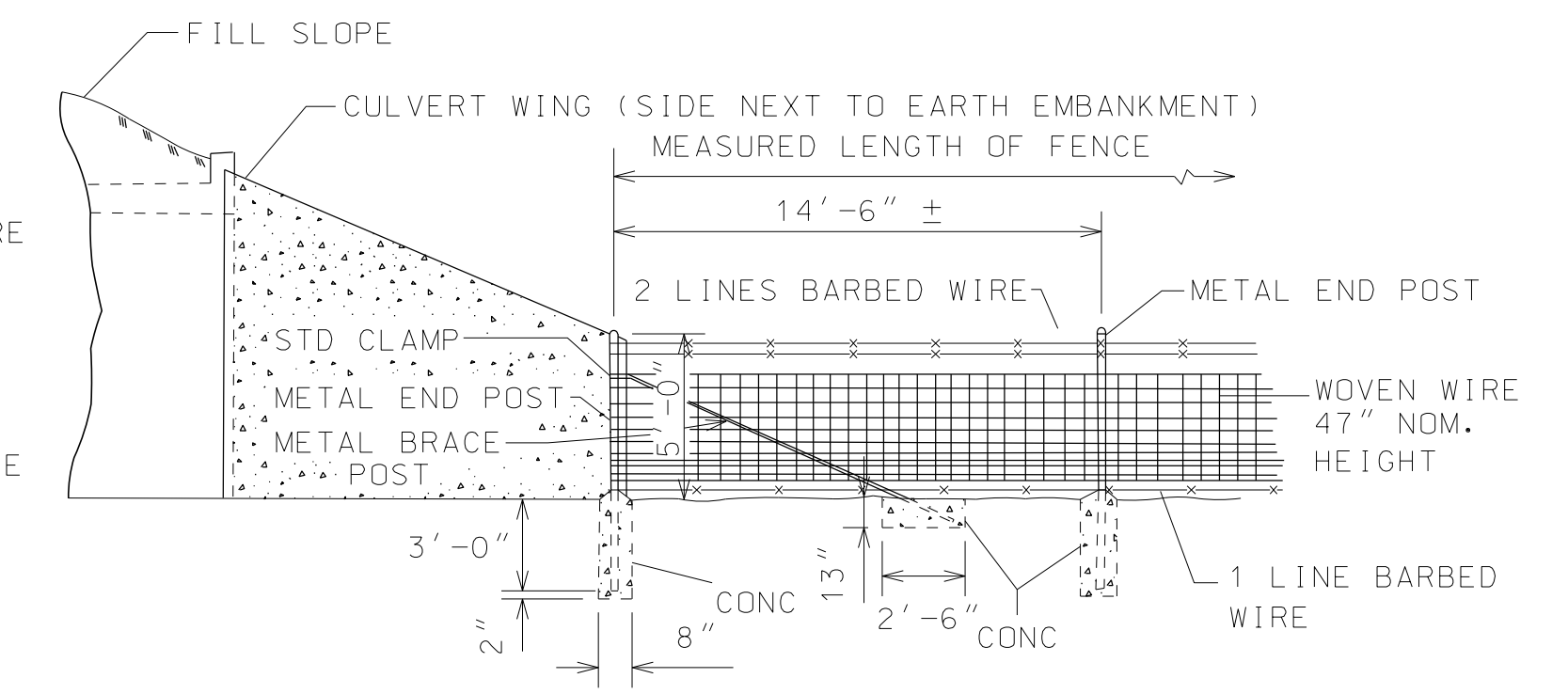


METHOD OF ATTACHING FENCE TO FILL SLOPES



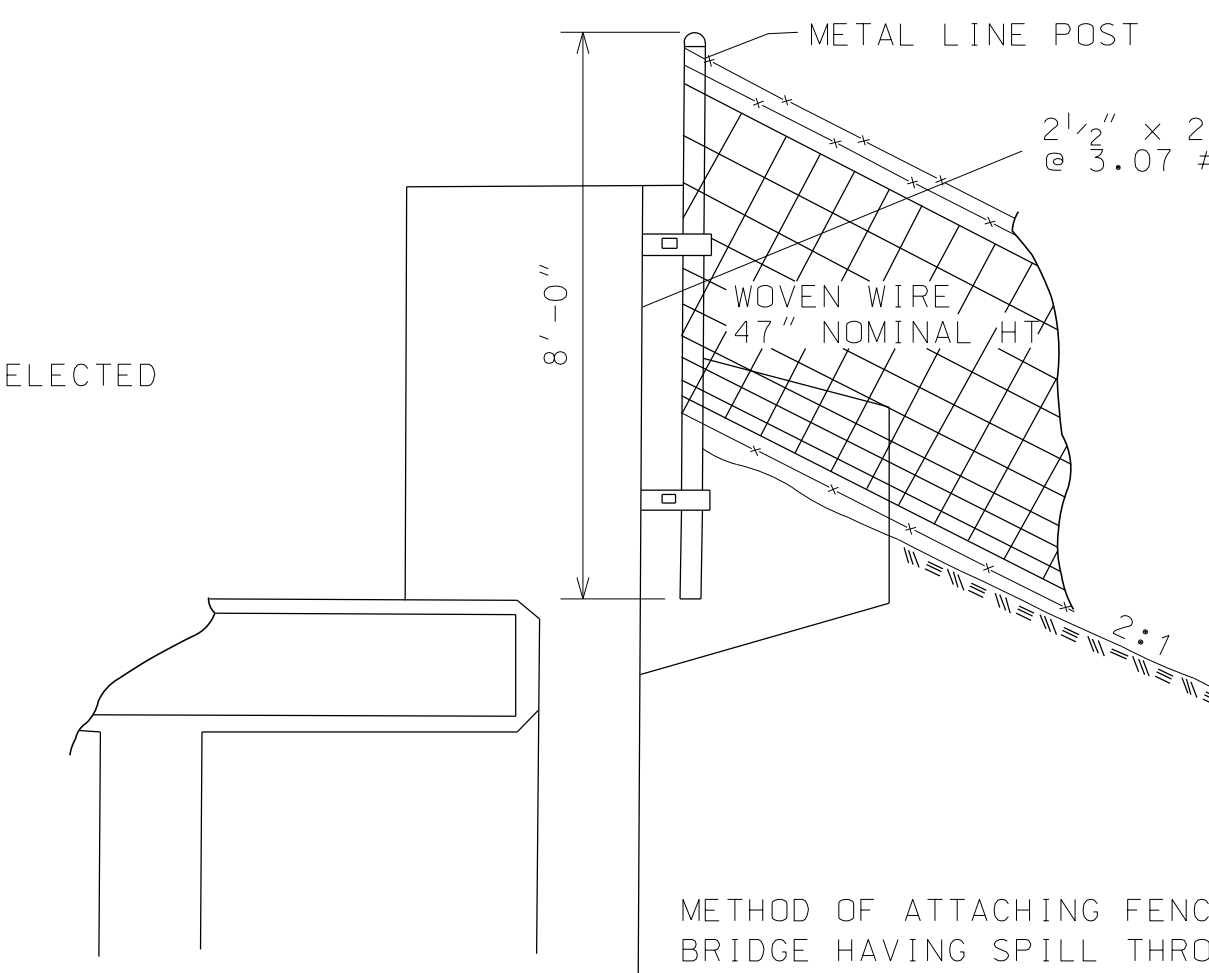
FENCE ARRANGEMENT AT CULVERT WITH LOW WINGS



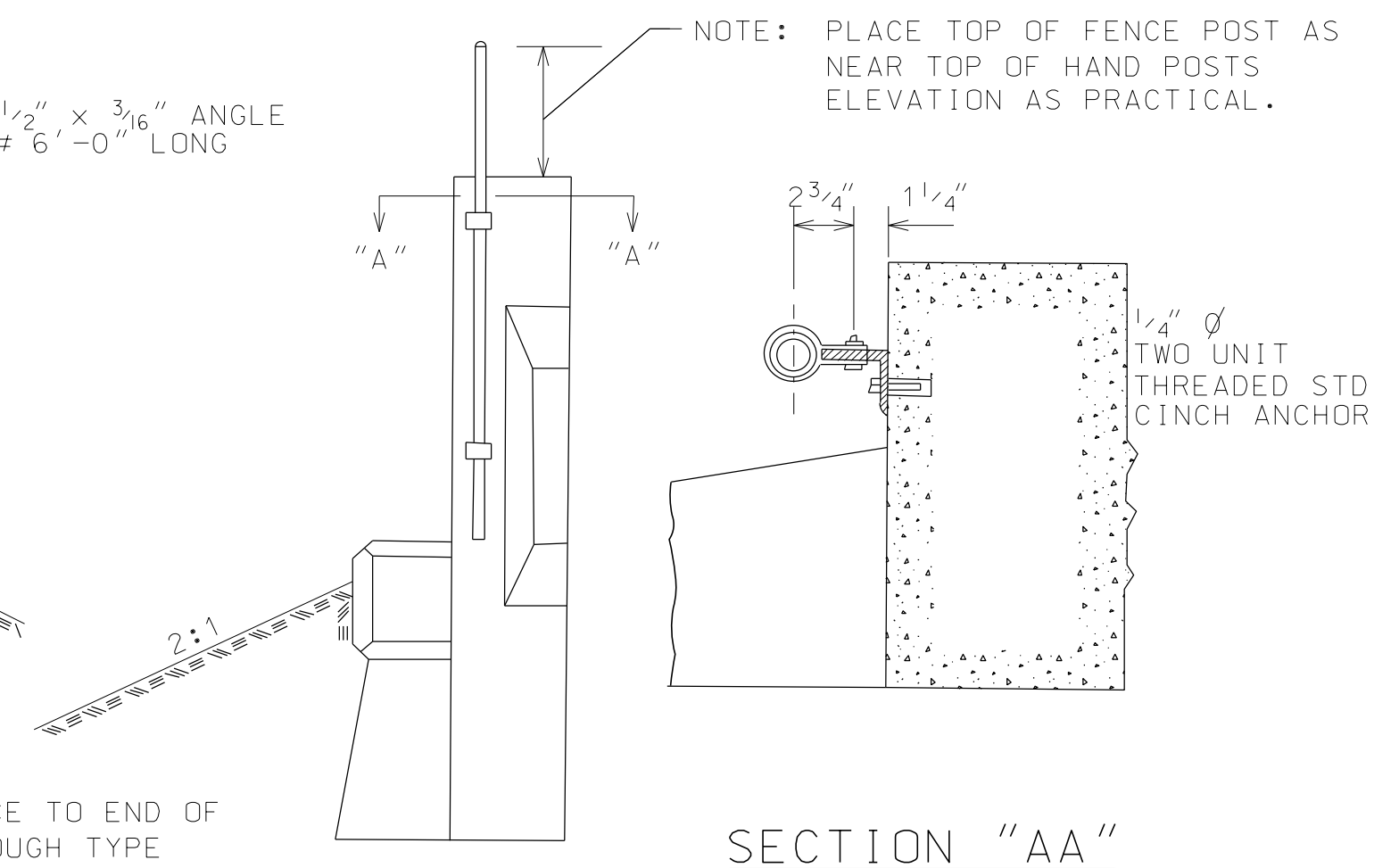
FENCE ARRANGEMENT AT CULVERT WITH HIGH WINGS

STANDARD END POST

USE DETAIL ACCORDING TO STANDARD DRAWING FOR POST ALT SELECTED

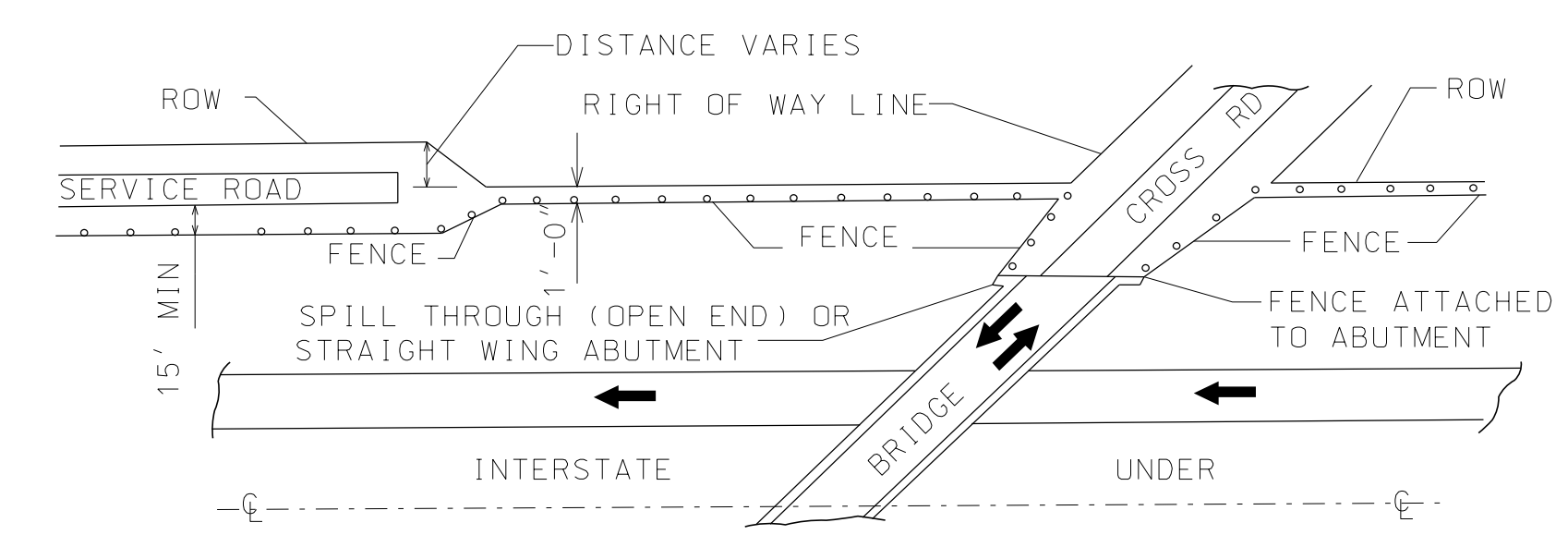


FRONT VIEW



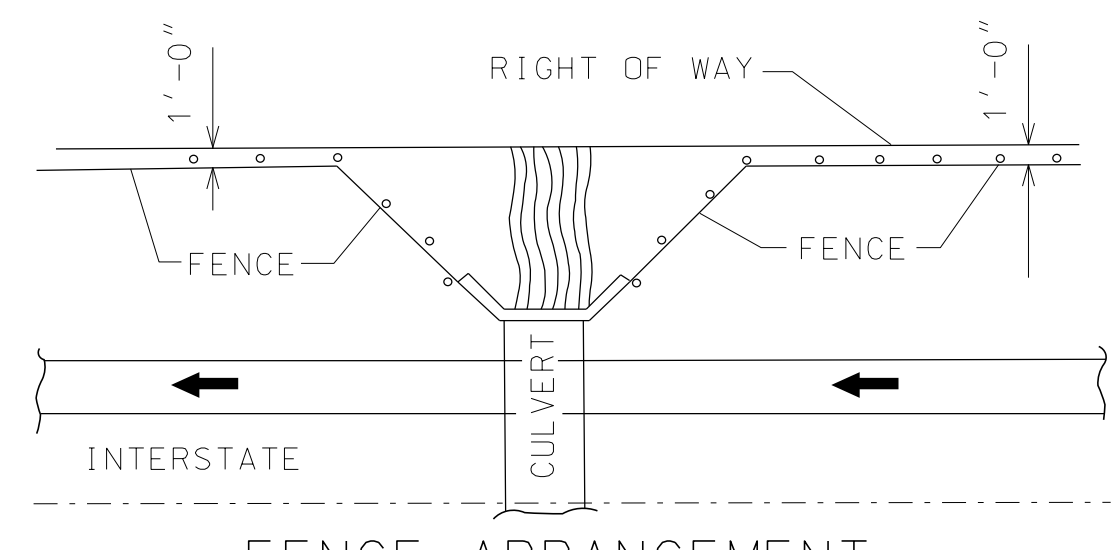
SIDE VIEW

METHOD OF ATTACHING FENCE TO END OF BRIDGE HAVING SPILL THROUGH TYPE ABUTMENT. (NOTE: MAY BE ATTACHED TO STRAIGHT WING ABUTMENT IN SAME MANNER)



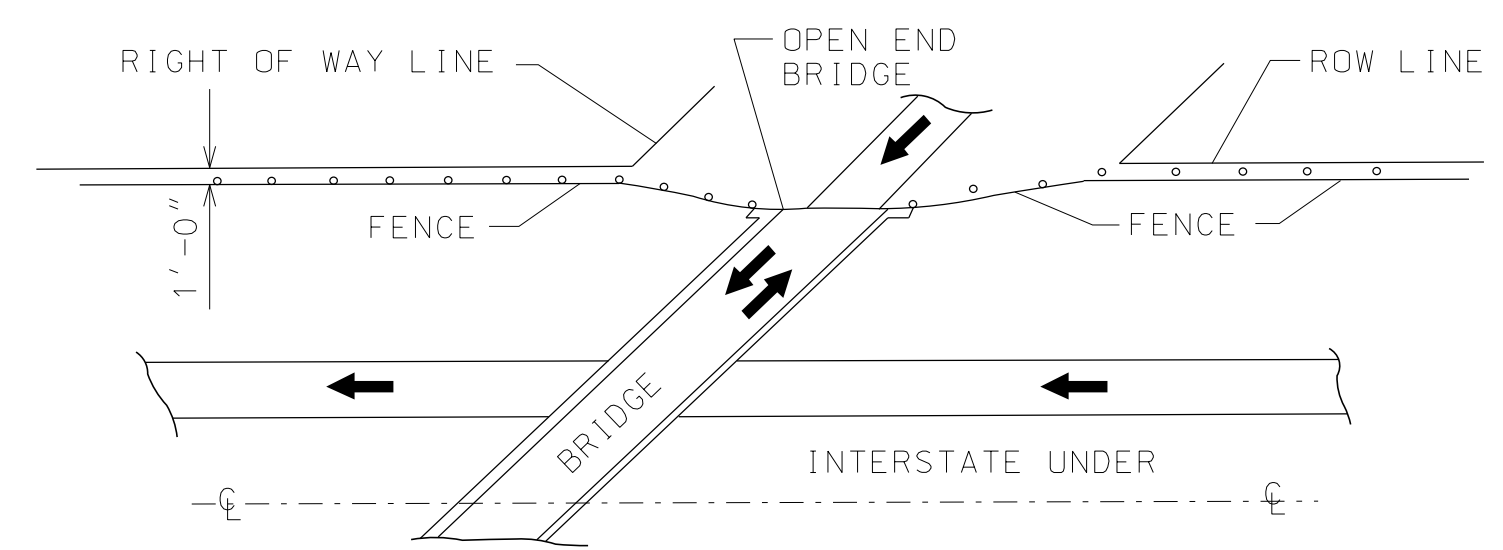
FENCE ARRANGEMENT

CROSS ROAD NEAR ORIGINAL PROFILE INTERSTATE IN CUT



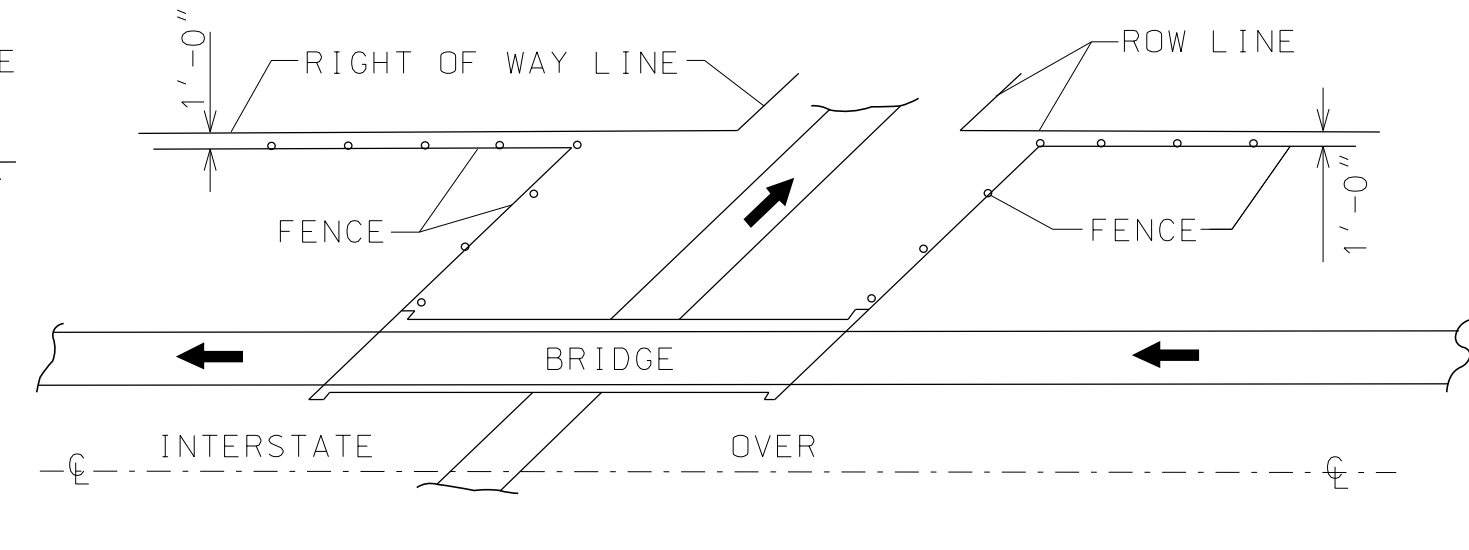
FENCE ARRANGEMENT

AT BRIDGE CULVERTS, LARGE CULVERTS AND PIPES WITH VERTICAL HEIGHT OF 5' OR GREATER



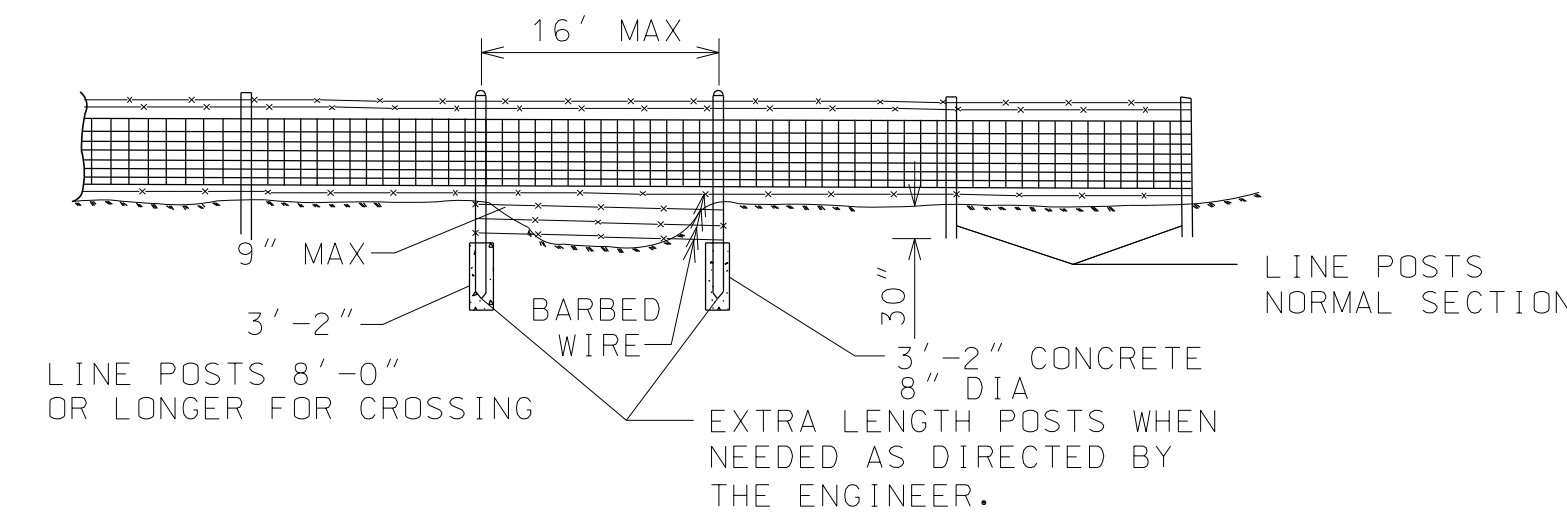
FENCE ARRANGEMENT

CROSS ROAD ON HIGH FILL INTERSTATE NEAR ORIGINAL PROFILE



FENCE ARRANGEMENT

CROSS ROAD NEAR ORIGINAL PROFILE INTERSTATE ON FILL



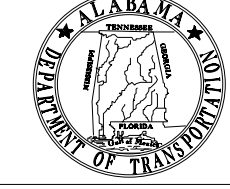
FENCE ARRANGEMENT TO BE USED AT SMALL DRAINS

NOTE: FENCE SHALL NOT BE PLACED AT A GREATER DISTANCE THAN 1'-0" INSIDE ROW LINE EXCEPT AT MAJOR DRAINAGE STRUCTURES, WHERE FRONTAGE ROADS ARE PROVIDED OR WHERE OTHER SPECIAL FEATURES ARE REQUIRED. FENCE SHALL BE PLACED A MINIMUM DISTANCE OF 15 FEET FROM THE INNER EDGE OF PAVEMENT AT FRONTAGE OR SERVICE ROADS. THE FENCE LINE AS ESTABLISHED IS USUALLY THE DENIAL OF ACCESS LINE.

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REVISIONS
1. Added to CADD on 05-07-99 by Joe F. Thomas


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 DESIGN BUREAU SPECIAL DRAWING

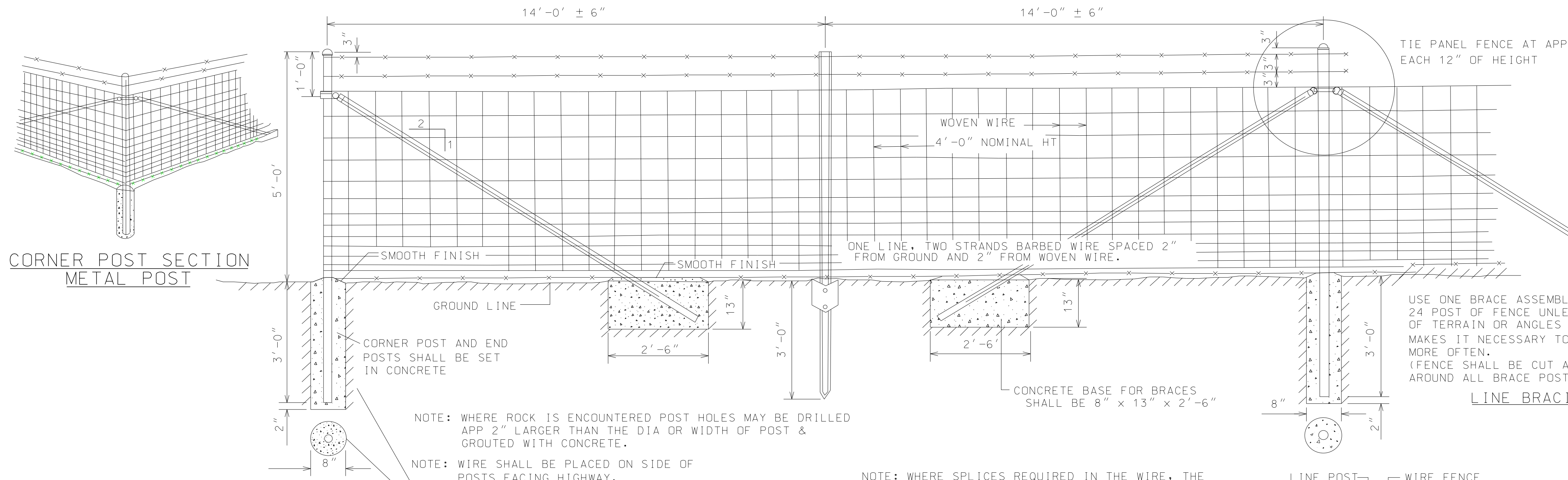
FENCE ARRANGEMENT DETAILS

Bureau Std Engr: D.J.W.
DRAWN BY: W.C.P. DATE DRAWN: 03-25-76

SPECIAL DRAWING NO
IF-635

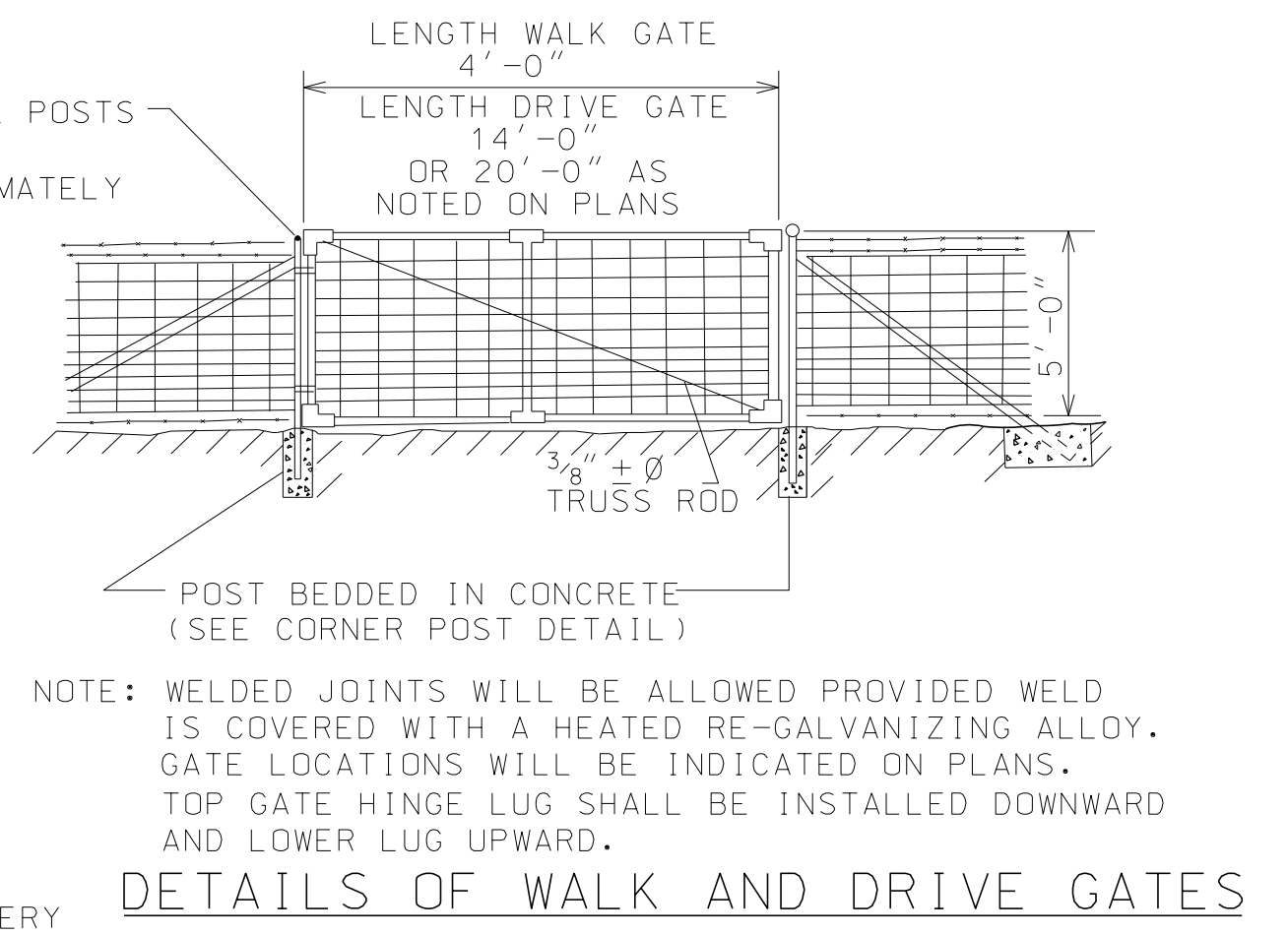
INDEX NO
63501

NOT TO SCALE



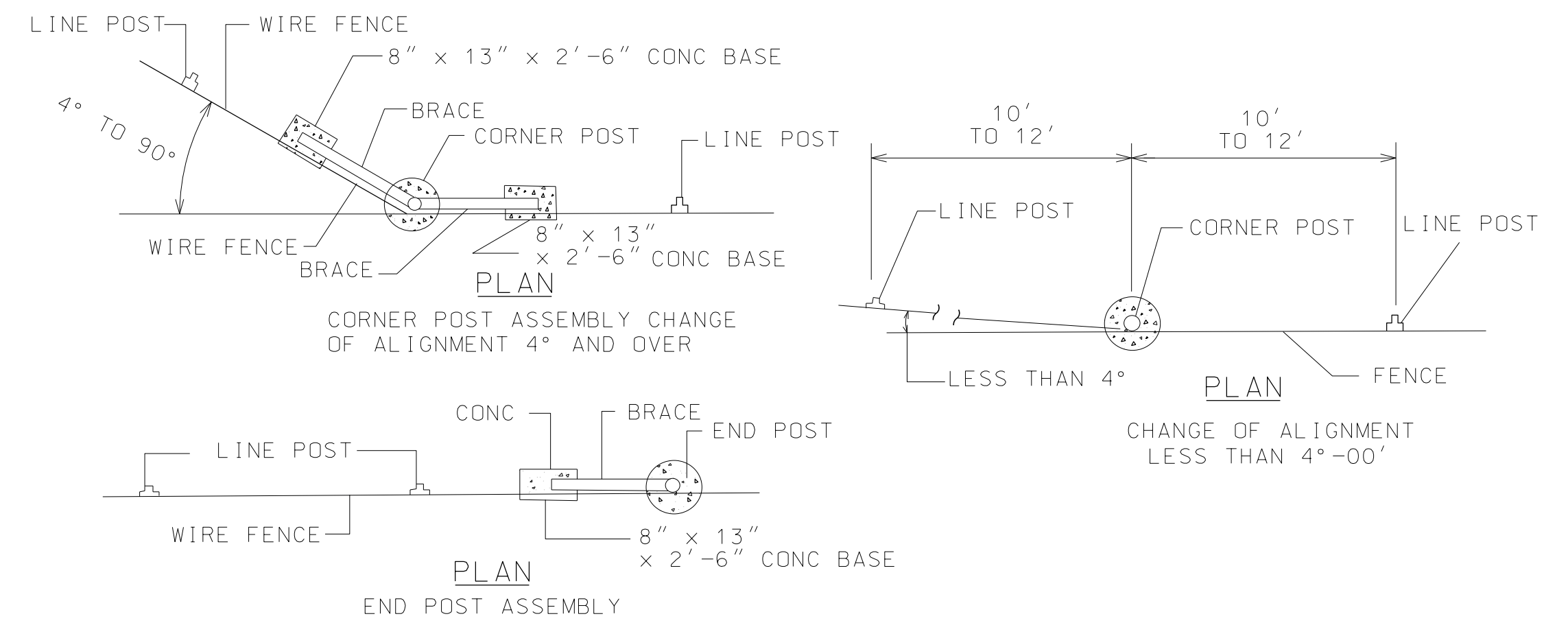
FENCE ASSEMBLY WITH METAL POSTS

NOTE: CONCRETE BASE FOR ALL END POST, CORNER POST, AND BRACE POSTS, SHALL BE CYLINDRICAL 8" DIA BY 38" LONG FORMED BY POURING CONCRETE AROUND STEEL POSTS IN PREPARED HOLE 8" DIA BY 38" DEEP, USING WALL OF SUCH HOLE AS ADEQUATE FORM.



USE ONE BRACE ASSEMBLY EVERY 24 POST OF FENCE UNLESS NATURE OF TERRAIN OR ANGLES IN ROW LINE MAKES IT NECESSARY TO SPACE BRACES MORE OFTEN. (FENCE SHALL BE CUT AND WRAPPED AROUND ALL BRACE POSTS)

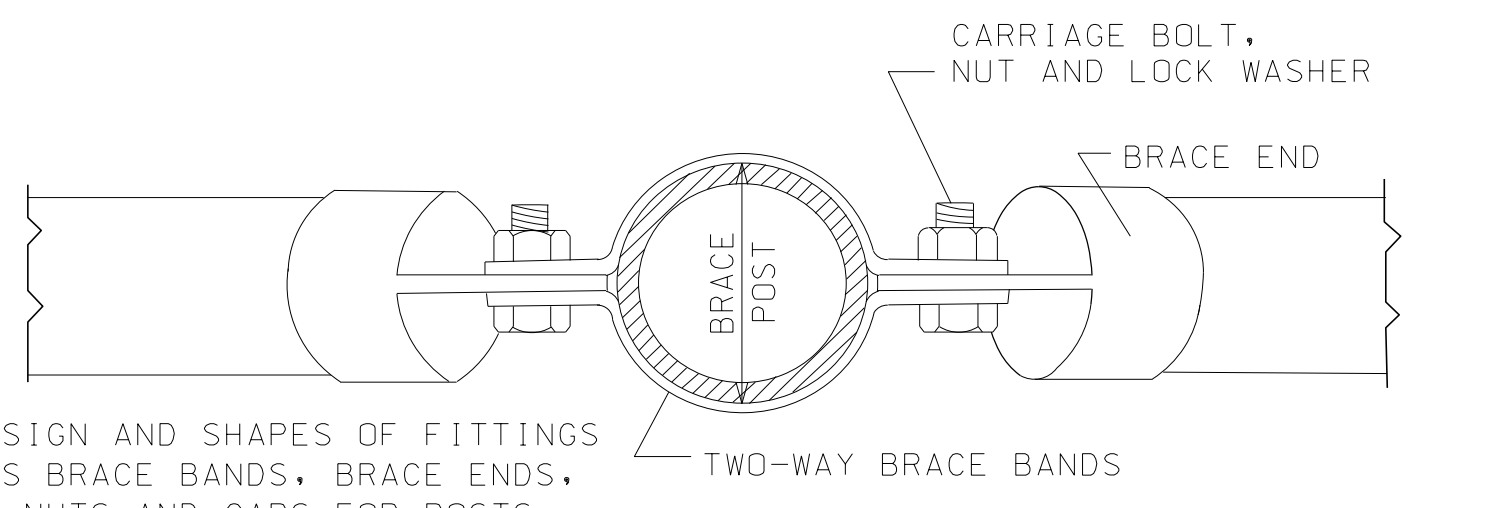
LINE BRACING



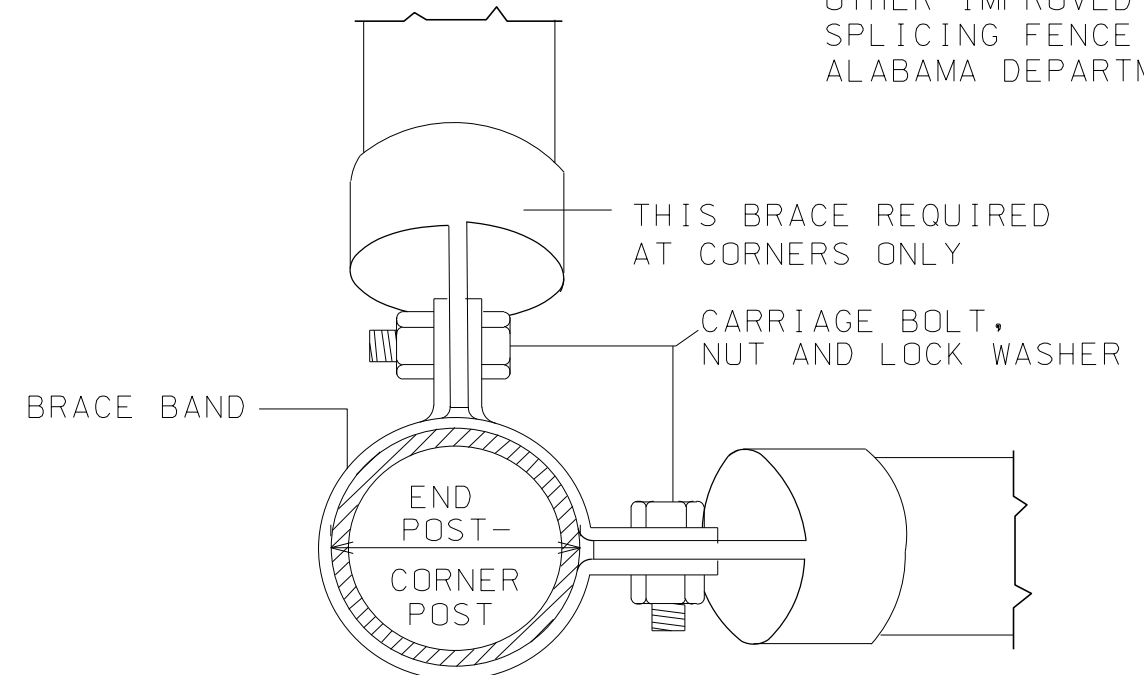
POST ASSEMBLY

NOTE: FOR RIGHT ANGLE CORNER BRACE SEE UPPER LEFT OF SHEET.

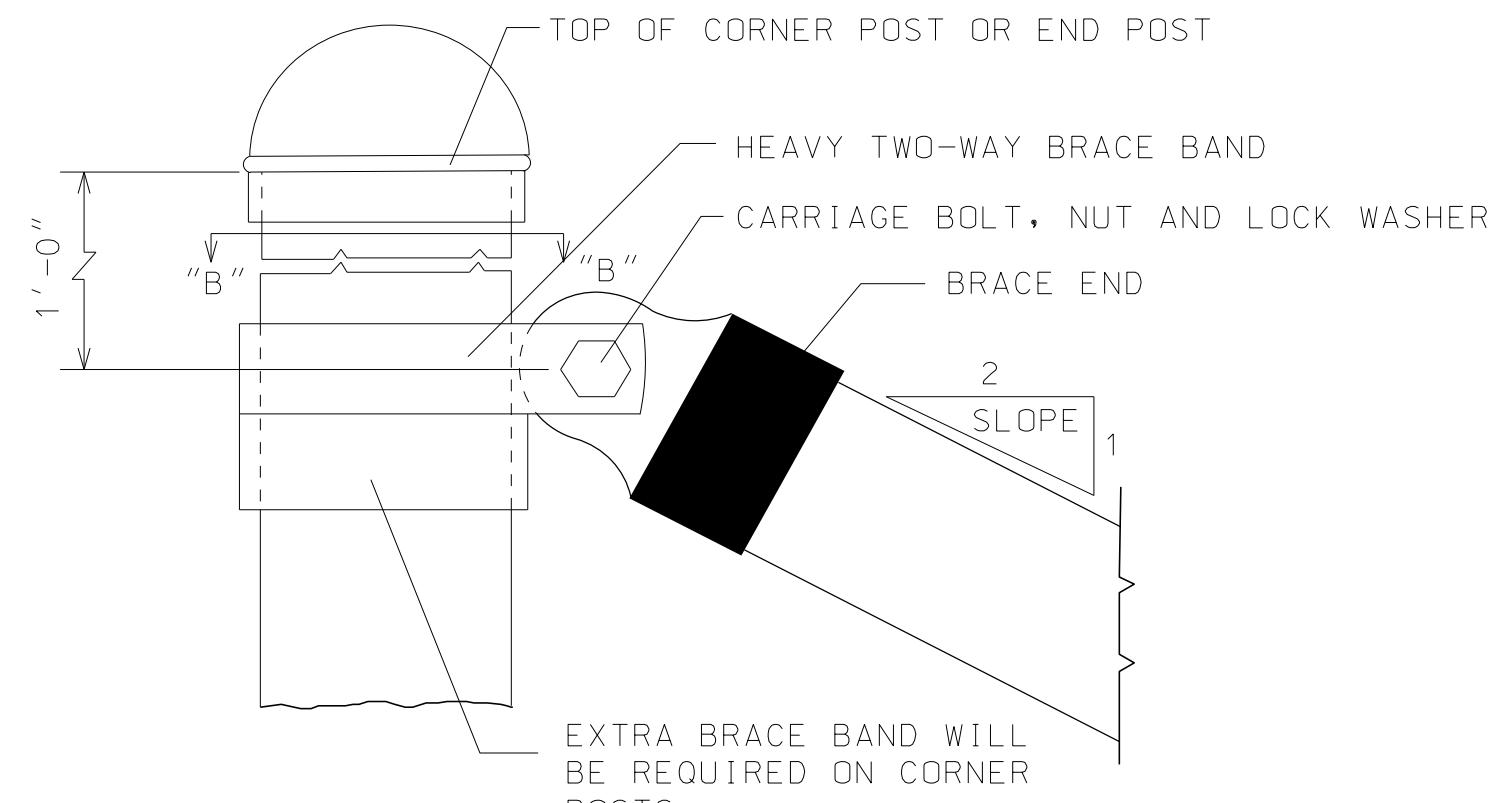
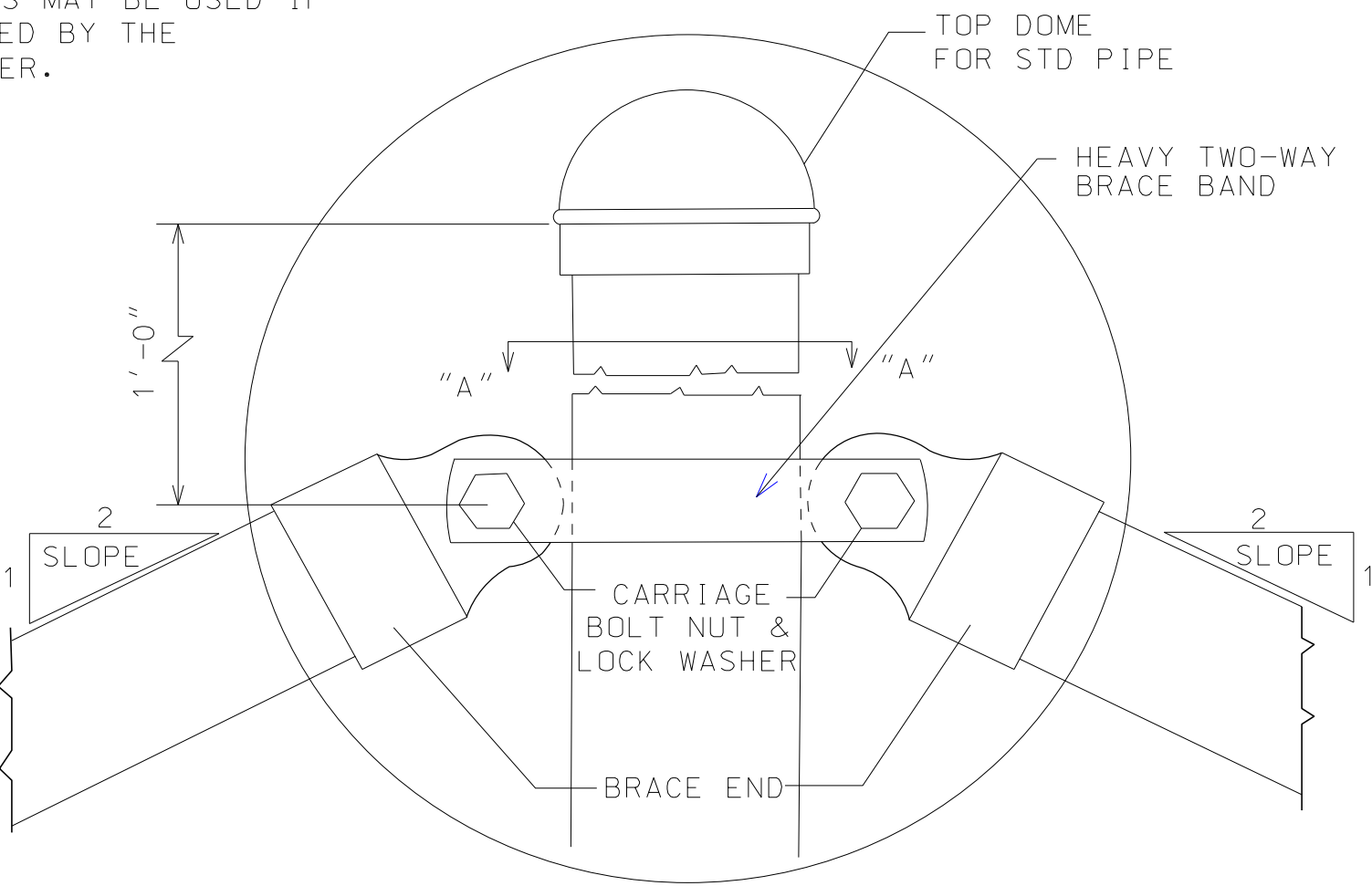
NOTE: WHERE BREAKS IN PROFILE OF FENCE TOP ARE NECESSARY IN ROUGH TERRAIN, THEY SHALL BE MADE IN THE LEAST NUMBER OF INTERVALS PRACTICAL. BREAKS SHALL BE SPREAD OVER VERTICAL CURVES OF SUFFICIENT LENGTHS TO INSURE A PLEASING APPEARANCE.



NOTE: THE DESIGN AND SHAPES OF FITTINGS SUCH AS BRACE BANDS, BRACE ENDS, BOLTS, NUTS AND CAPS FOR POSTS ARE SUGGESTED ONLY, SIMILAR DESIGNS MAY BE USED IF APPROVED BY THE ENGINEER.



SECTION "BB"



ELEVATION OF CORNER POSTS, END POSTS AND FITTINGS

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REVISIONS

1. Added to CADD on 05-07-99 by Joe F. Thomas.

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DESIGN BUREAU SPECIAL DRAWING

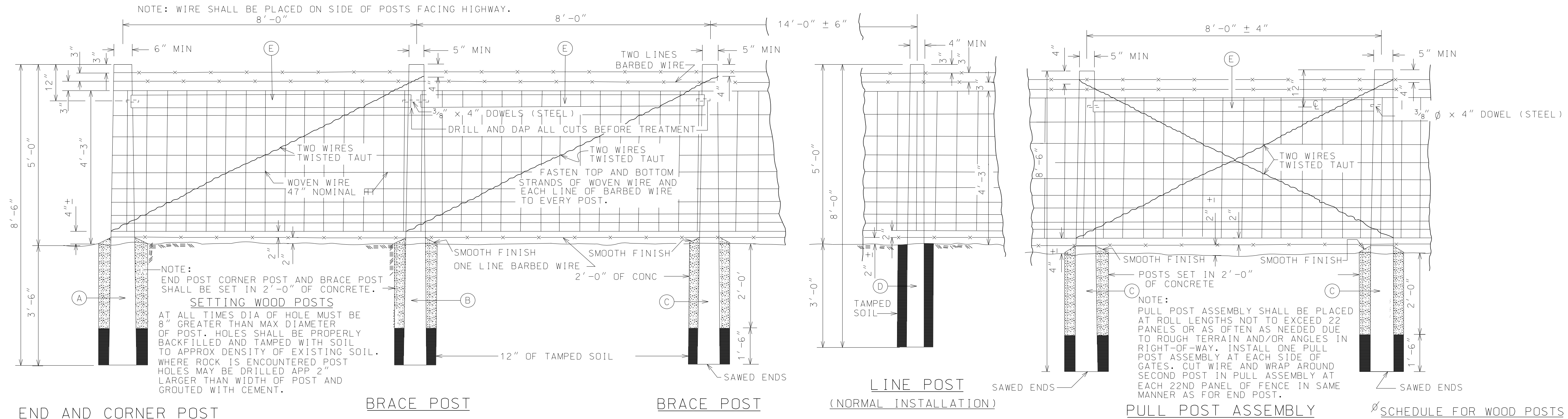
DETAILS OF WOVEN WIRE FENCE WITH STEEL OR ALUMINUM POSTS

Bureau Std Engr: D.J.W.
DRAWN BY: _____ DATE DRAWN: 02-25-76

SPECIAL DRAWING NO
IF-635-M

INDEX NO
63504

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NOTE: END POST CORNER POST AND BRACE POST SHALL BE SET IN 2'-0" OF CONCRETE.

SETTING WOOD POSTS

AT ALL TIMES DIA OF HOLE MUST BE 8" GREATER THAN MAX DIAMETER OF POST. HOLES SHALL BE PROPERLY BACKFILLED AND TAMPED WITH SOIL TO APPROX DENSITY OF EXISTING SOIL. WHERE ROCK IS ENCOUNTERED POST HOLES MAY BE DRILLED APP 2" LARGER THAN WIDTH OF POST AND GROUTED WITH CEMENT.

DRIVING WOOD POSTS

ENDS OF POSTS THAT ARE TO BE DRIVEN SHALL BE SHARPENED BEFORE THEY RECEIVE PRESSURE TREATMENT. THE SMALL ENDS OF THE POSTS SHALL BE DRIVEN INTO GROUND.

WIRE SPLICES

WHERE SPLICES ARE REQUIRED IN THE WOVEN FENCE WIRE THE TWO (2) SECTIONS OF WIRE SHALL BE LAPPED A MINIMUM OF TWELVE INCHES (12") AND THE ENDS SPLICED OR TIED TOGETHER AS DIRECTED BY THE ENGINEER. THE CONTRACTOR MAY USE OTHER METHODS OR DEVICES FOR SPLICING FENCE IF APPROVED BY THE ALABAMA DEPARTMENT OF TRANSPORTATION.

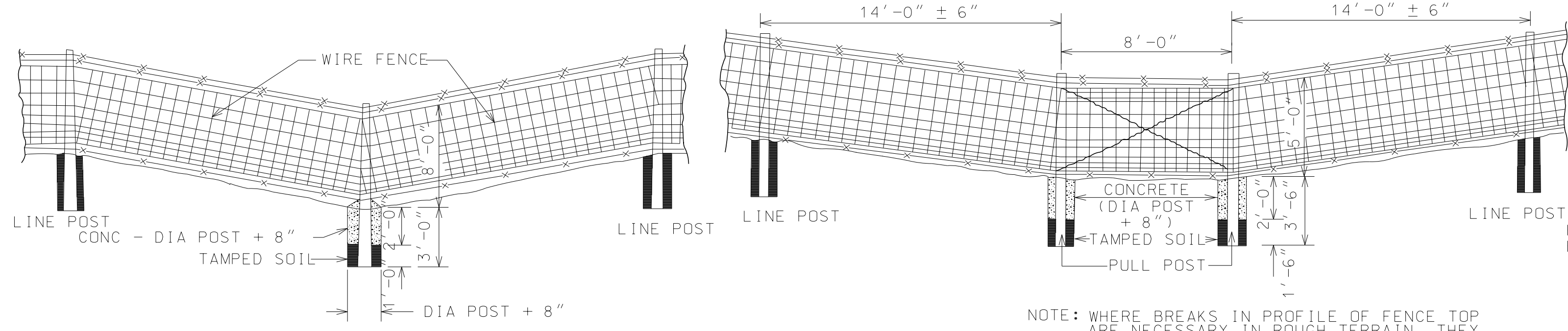
- SCHEDULE FOR WOOD POSTS**
- Ⓐ 6" TOP DIA 8'-6" LONG (TWO 1" x 4" NOTCHES)
 - Ⓑ 5" TOP DIA 8'-6" LONG (TWO 1" x 4" NOTCHES)
 - Ⓒ 5" TOP DIA 8'-6" LONG (ONE 1" x 4" NOTCH)
 - Ⓓ 4" TOP DIA 8'-0" LONG
 - Ⓔ 4" MIN DIA 8'-0" LONG (ONE END OF BRACE DAPPED TO FIT 4 IN NOTCH)

NOTE: ALL POSTS SHALL BE PEELED OF ALL ROUGH BARK AND 80% OF INNER BARK, AND ALL KNOTS TRIMMED FLUSH.

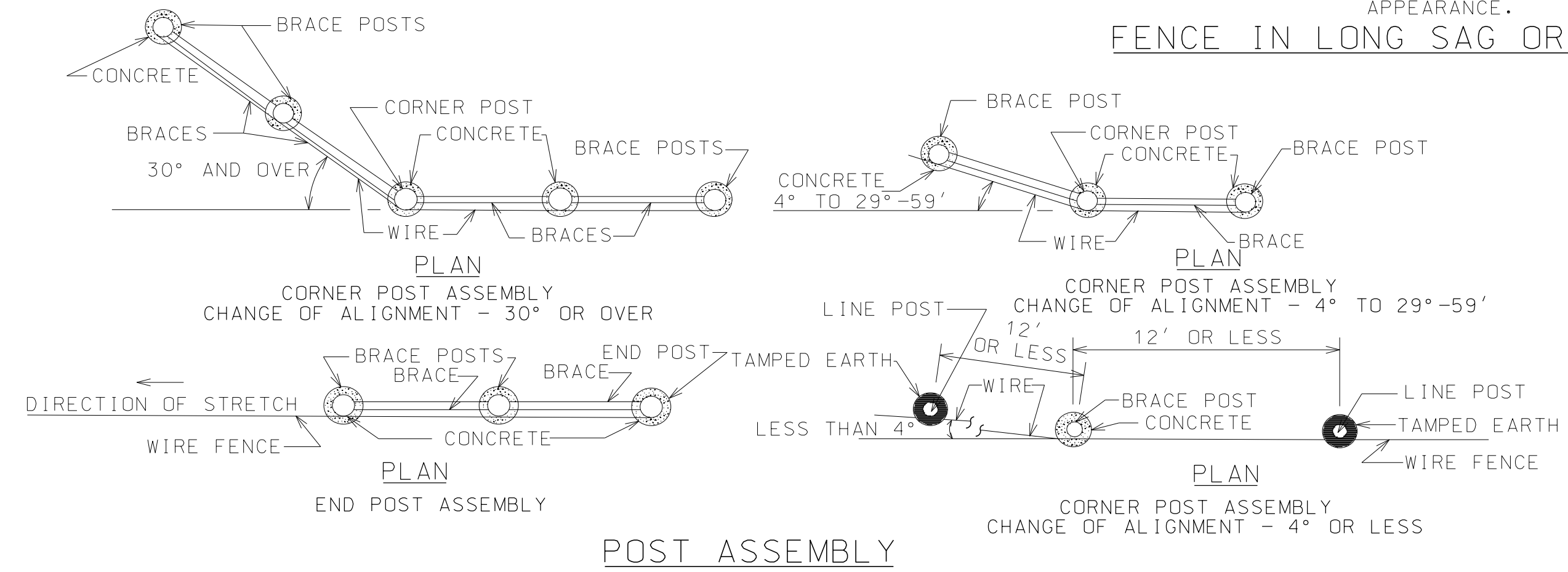
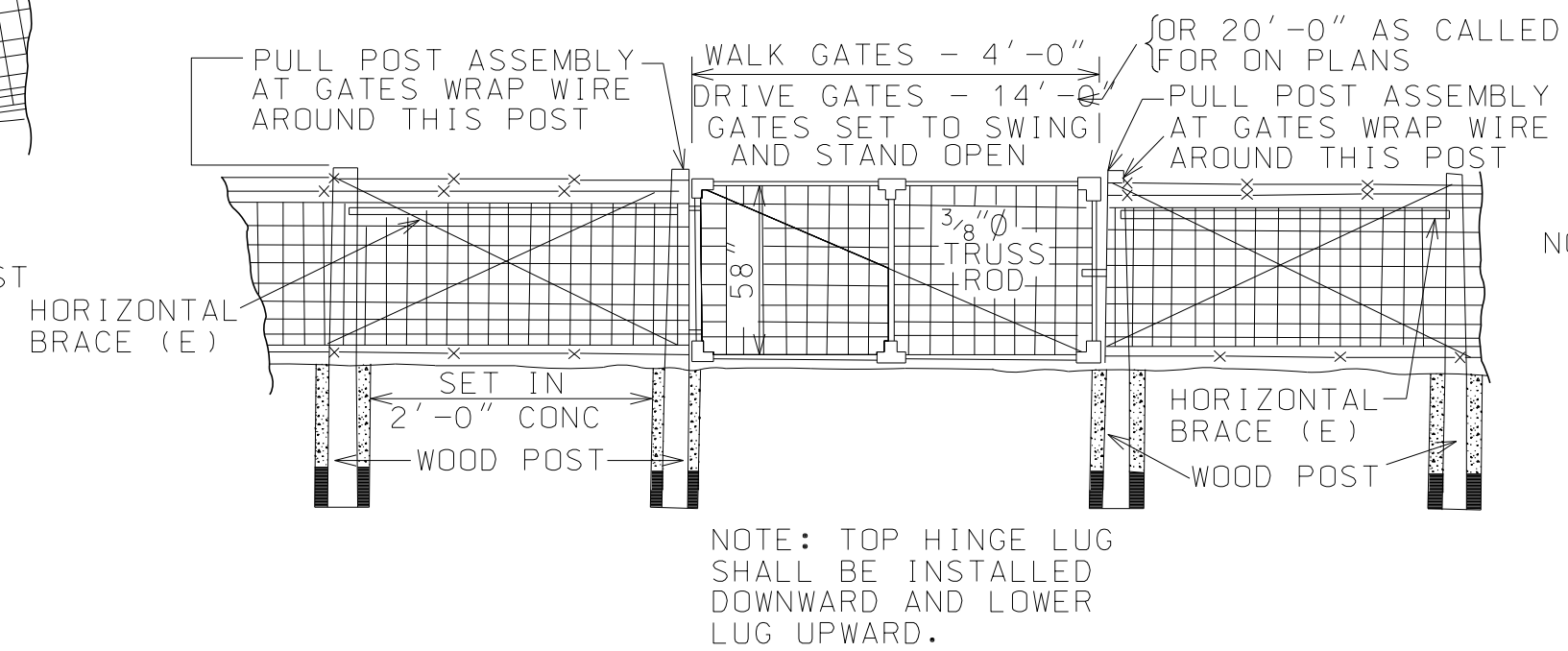
NOTE: SQUARE SAWED POST, PRESSURE TREATED SAME AS ROUND TAPERING POST ARE ACCEPTABLE AS ALT AS FOLLOWS:

- 8" x 8" SAWED POST IN PLACE OF ROUND WITH 6" TOP DIA
- 6" x 6" SAWED POST IN PLACE OF ROUND WITH 5" TOP DIA
- 4" x 4" SAWED POST IN PLACE OF ROUND WITH 4" TOP DIA

NOTE: ALL POST DIAMETERS SHOWN ABOVE ARE MIN SIZE.



NOTE: WHERE BREAKS IN PROFILE OF FENCE TOP ARE NECESSARY IN ROUGH TERRAIN, THEY SHALL BE MADE IN THE LEAST NUMBER OF INTERVALS PRACTICAL. BREAKS SHALL BE SPREAD OVER VERTICAL CURVES OF SUFFICIENT LENGTH TO INSURE A PLEASING APPEARANCE.



- CORNER BRACING WOOD POSTS**
- USE TWO BRACE PANELS ON EACH SIDE OF CORNER POST AT CORNER ANGLES 30° OR GREATER AS SHOWN BY CORNER BRACING SKETCH.
 - USE TWO BRACE PANELS ONLY ON SIDE OF CORNER POST IN DIRECTION OF STRETCH WHEN CORNER ANGLE IS 4° TO 29°-59'. USE ONE BRACE POST ONLY SET IN CONCRETE WHEN CHANGE IN ALIGNMENT IS 4° OR LESS. (SEE SKETCHES ABOVE COVERING ALL CHANGES IN ALIGNMENT AND END POSTS).

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REVISIONS
1. Added to CADD on 05-07-99 by Joe F. Thomas.

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DESIGN BUREAU SPECIAL DRAWING

DETAILS OF WOVEN WIRE FENCE WITH WOOD POSTS

SPECIAL DRAWING NO: IF-635-W
INDEX NO: 63507

Bureau Std Engr: D.J.W.
DRAWN BY: DATE DRAWN: 09-12-74

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