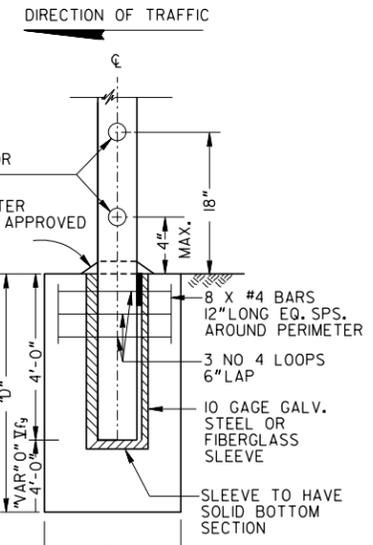
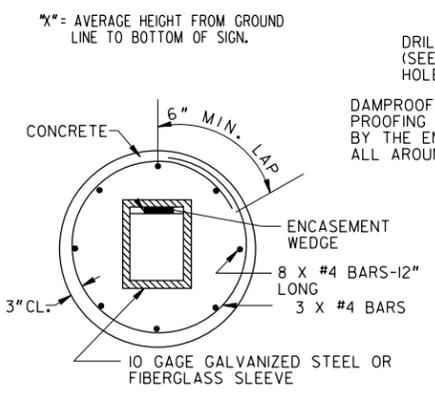


* NOTE: MINIMUM POST SPACING FOR 6 X 6 AND 6 X 8 POST SHALL BE 8'-0" (VARY L/6, L/8 DIMENSIONS TO MAINTAIN 8'-0" SPACING.)

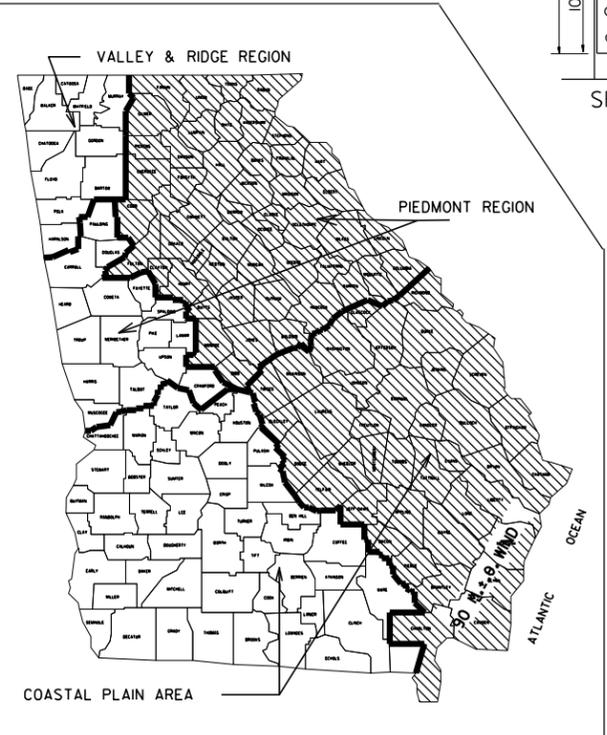


	4X4 **	4X6 **	6X6 **	6X8 **
"C"	1'-6"	2'-0"	2'-0"	2'-0"
"D"	4'-0"	5'-0"	6'-6"	8'-0"
"C"	1'-0"	1'-6"		
"D"	5'-0"	6'-0"		

FOOTING FOR 4 X 4 POST MAY BE EITHER 1'-6" Ø X 4'-0" DEEP, OR 1'-0" Ø X 5'-0" DEEP.
FOOTING FOR 4 X 6 POST MAY BE EITHER 2'-0" Ø X 5'-0" DEEP, OR 1'-6" Ø X 6'-0" DEEP.

NOTE: IF ROCK IS ENCOUNTERED, SOCKET FOOTING 2 FEET INTO ROCK, "C" MAY BE REDUCED TO POST SIZE + 3".

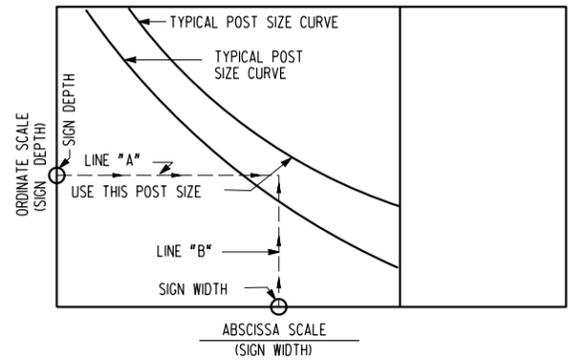
NOMINAL POST SIZE	INSIDE DIMENSIONS OF SLEEVE	SAWCUT DEPTH
4 X 4	4" X 4"	NOT REQ'D
4 X 6	4" X 6"	1/2"
6 X 6	6" X 6"	1/2"
6 X 8	6" X 8"	2/2"



USE 80 M.P.H. WIND EXCEPT WHERE INDICATED BY HATCHED AREA.

PROCEDURE TO FIND POST SIZE

1. DETERMINE SIGN WIDTH AND DEPTH.
2. DETERMINE "X" DIMENSION USING TYPICAL SIGN ERECTION DETAIL.
3. DETERMINE PROPER "X" COLUMN & READ UP ORDINATE SCALE UNTIL REACHING CORRECT SIGN DEPTH (STEP 2). IN THAT COLUMN TURN 90° TO ORDINATE SCALE AND PROJECT A LINE PARALLEL TO THE ABSCISSA SCALE (LINE "A").
4. READ ALONG ABSCISSA SCALE TO CORRECT SIGN WIDTH, TURN 90° TO ABSCISSA SCALE AND PROJECT A LINE (LINE "B") TO INTERSECT LINE "A". THE NUMBER OF POSTS SHALL BE DETERMINED BY WHICH AREA THE POINT FALLS WITHIN. THE SIZE SHALL BE THAT OF THE LARGER OF THE TWO POST SIZE CURVES THE INTERSECT POINT FALLS BETWEEN.



- GENERAL NOTES
1. SPECIFICATIONS: GEORGIA STANDARDS AND/OR SPECIAL PROVISIONS.
 2. ALL CONCRETE SHALL BE CLASS "A".
 3. POST MUST BE PLUMB AND LOCATED AS SPECIFIED.
 4. PLACE GREATER DIMENSION OF POST IN DIRECTION OF TRAFFIC.
 5. SIGN FACE SHALL BE ORIENTED TO AVOID SPECULAR REFLECTION ORDINARILY BY A SLIGHT TURNING AWAY FROM THE ROADWAY OF APPROXIMATELY 3 DEGREES. CARE SHALL BE TAKEN TO KEEP THE ADJUSTMENT SMALL SO AS TO MAINTAIN ADEQUATE REFLECTIVE VALUES.
 6. OTHER REQUIREMENTS - FOR GENERAL NOTE AND CONTRACT REQUIREMENT, SEE SPECIAL PLANS, SUPPLEMENTAL SPECS. AND SPECIAL PROVISIONS.
 7. POST SHALL BE SHIMMED TO PROVIDE A TIGHT FIT WITH THE STEEL SLEEVE, USE A TAPERED, TREATED HARDWOOD WEDGE.
 8. 4" X 4" OR 4" X 6" POSTS SHALL BE S.P.I.B. GRADE ISR STRESS RATED TIMBER 1500 P.S.I. IN BENDING. LARGER SIZES SHALL BE S.P.I.B. GRADE 2SR STRESS RATED TIMBER 1100 P.S.I. IN BENDING. DIMENSIONS ARE NOMINAL.
 9. POSTS SHALL BE TREATED WITH PENTA-CHLO-RO-PHENOL OR CHROMATED COPPER ARSENATE (CCA) IN ACCORDANCE SECTION 863 OF THE STANDARD SPECIFICATIONS. ALL POSTS WITHIN THE BOUNDS OF A PROJECT SHALL BE OF THE SAME TREATMENT. POST SHALL BE DRESSED ON 4 SIDES.
 10. FIBERGLASS SLEEVE SHALL BE 4 LAYERS: 2 LAYERS 1 1/2" OZ/FT² FIBER-GLASS FOLLOWED BY ONE LAYER OF 2 MIL. CORE MAT'L. & 1 LAYER OF 1 1/2" OZ/FT² OF FIBERGLASS TO BE PRODUCED WITH 33-031 ROSIN, WALL THICKNESS= 1/4" ± 1/16". SIDES WILL BE 1/8" TO 3/16" OFFSET TO CORNERS & CORNERS SQUARED TO 1/16".

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
ERECTION AND FOUNDATION DETAILS
FOR SPECIAL ROADSIDE SIGNS
BREAKAWAY TYPE POSTS (WOOD)
(TO BE USED ONLY WHERE SPECIFIED)

NOT TO SCALE REDRAWN JULY 2024 SEPT. 1980

POST HOLE SIZES REV.	6-27-83	DATE	
ADD. NOTE #0 & SPLICE DET	4-19-82	REVISION	
REV. NOTE #8	5-1-81	BY	

DES. H.W.C. (SUBMITTED)
DRW. M.A.W. STATE BRIDGE & STRUCTURAL DESN. ENGR.
TRA. G.M.E. (APPROVED)
CHK. R.M.J. W.J.O. STATE HIGHWAY ENGINEER

NUMBER
9055