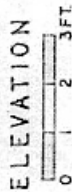
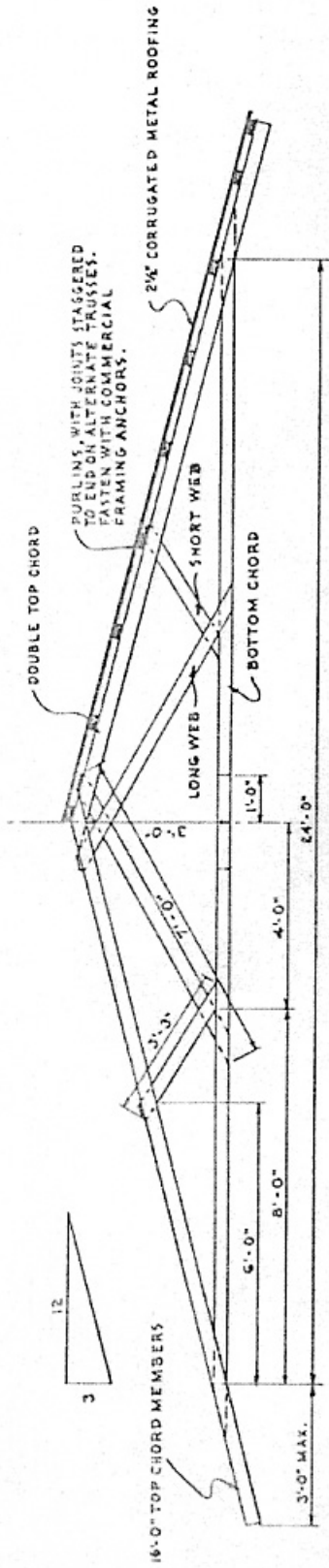


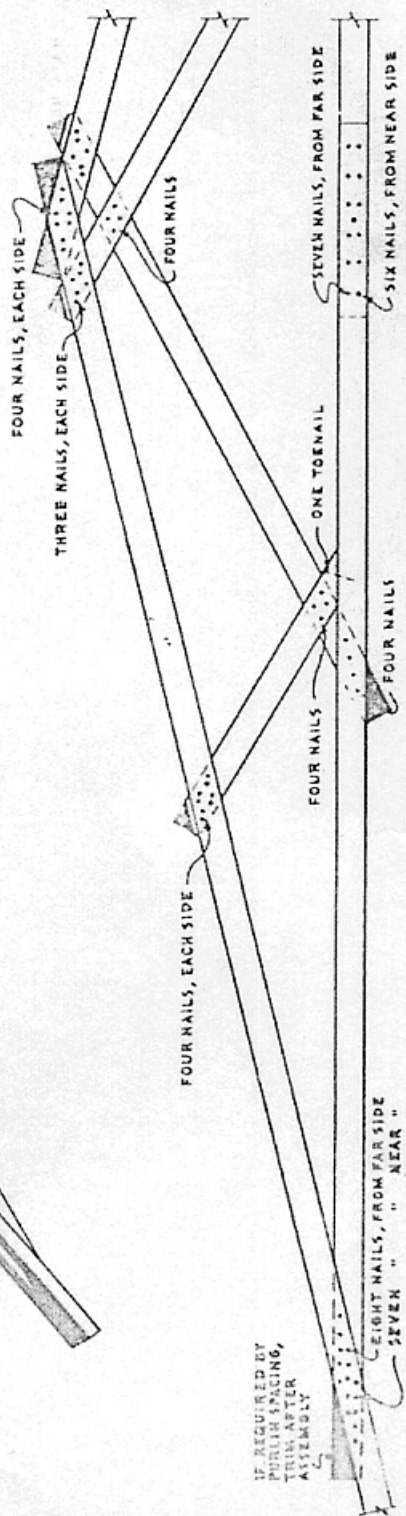
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
STATE OF TENNESSEE
UNIVERSITY OF TENNESSEE
AGRICULTURAL ENGINEERING DEPARTMENT
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

TWO-CAR GARAGE
POST CONSTR.

USDA '61 EX. 5930 SHEET 1 OF 2



VIEW OF COMPLETED TRUSS
NO SCALE



JOINT DETAILS
0 1 FT.

CUTTING DIAGRAM FOR SHORT WEBS
CHECK ANGLE ON THE JOB.
ALL OTHER CUTS SHOWN MADE AFTER THE TRUSS IS ASSEMBLED.

THIS TRUSS IS DESIGNED TO SUPPORT LOADS UP TO 120 LBS. PER FOOT OF SPAN, INCLUDING THE WEIGHT OF PURLINS AND ROOFING.

ALL LUMBER SHALL BE STRESS GRADED TO PROVIDE 1800 PSI FIBER STRESS IN BENDING, AND 1350 PSI IN COMPRESSION.

MATERIALS FOR ONE TRUSS:
TOP CHORD..... 4 PCS. 2x4s, 16'-0"
BOTTOM CHORD..... 2 " 2x4s, 14'-0"
LONG WEBS..... 1 " 2x4s, 14'-0"
SHORT WEBS..... 1 " 2x4s, 6'-0"

NAILS..... 3 3/8 LBS. 60d COMMON
ALL PROJECTING NAILS ARE TO BE CLINCHED.

TRUSSES SHOULD BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE.

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