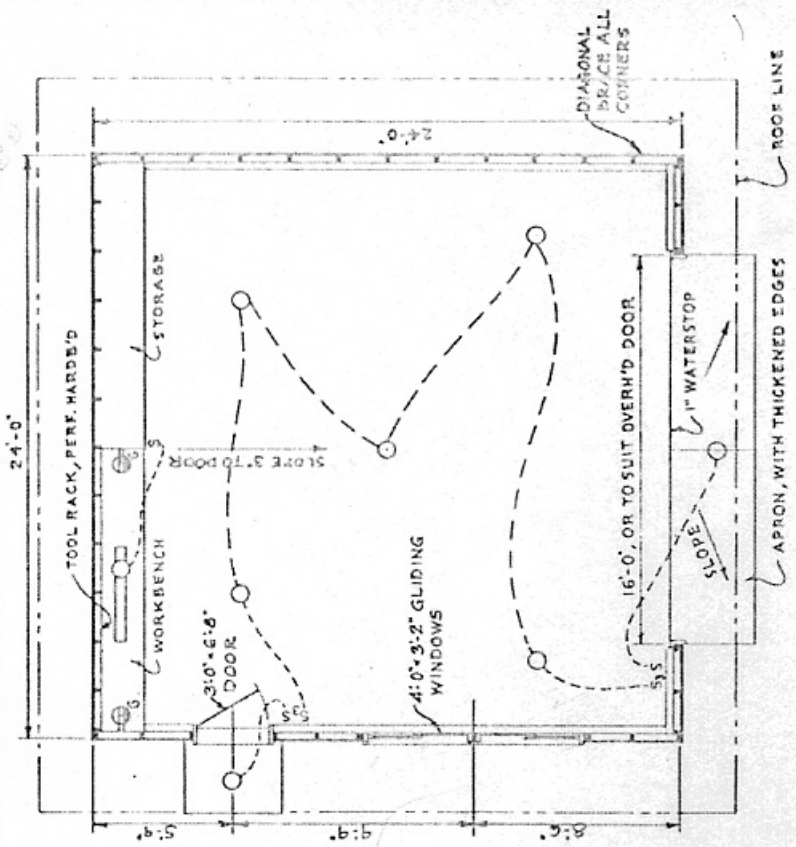
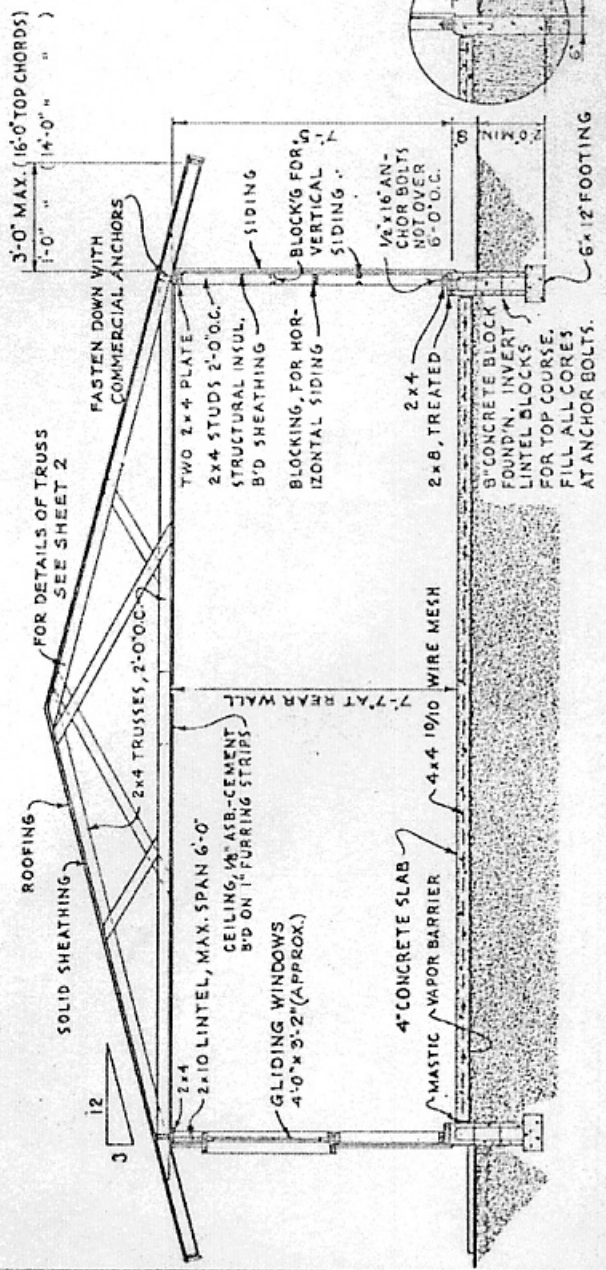


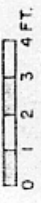
PERSPECTIVE



PLAN



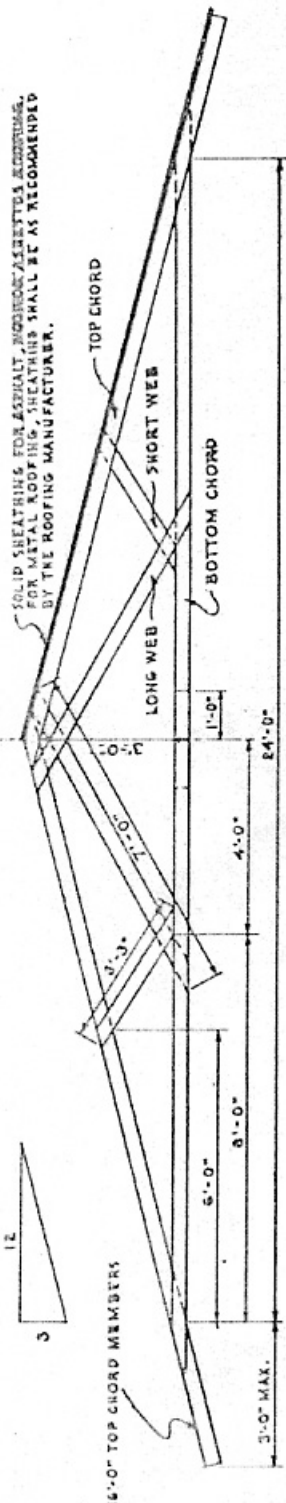
SECTION



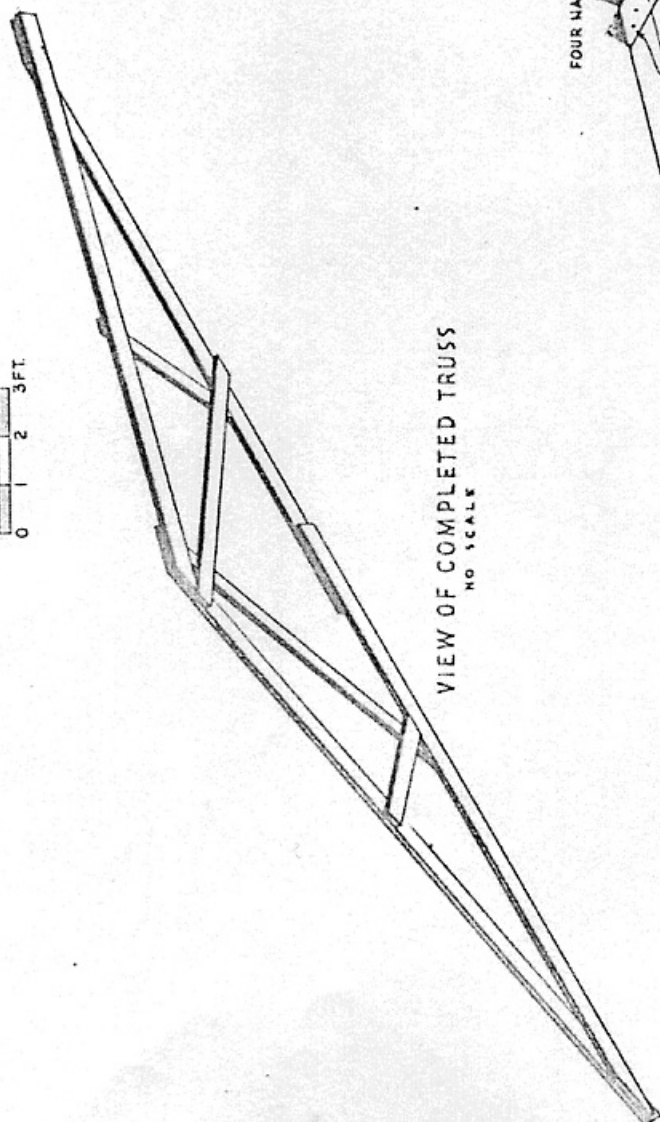
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS
 STATE OF TENNESSEE
 UNIVERSITY OF TENNESSEE
 AGRICULTURAL ENGINEERING DEPARTMENT AND
 UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

TWO-CAR GARAGE
 FRAME CONSTRUCTION

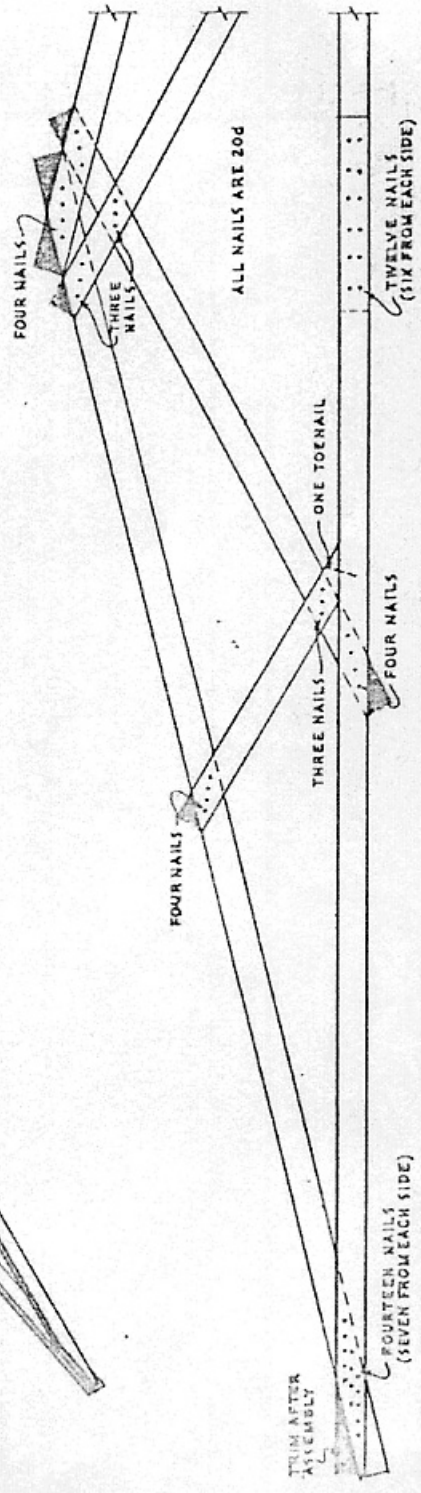
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ELEVATION
0 1 2 3 FT.



VIEW OF COMPLETED TRUSS
NO SCALE



JOINT DETAILS
0 1 FT.

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

SOLID SHEATHING FOR EXHAUST, HIGH BACK AIR BRISTLES ACCORDING TO METAL ROOFING SHEATHING SHALL BE AS RECOMMENDED BY THE ROOFING MANUFACTURER.

THIS TRUSS IS DESIGNED TO SUPPORT LOADS UP TO 70 LBS. PER FOOT OF SPAN, INCLUDING THE WEIGHT OF THE ROOF.
ALL LUMBER SHALL BE SPECIES GRADED TO PROVIDE 1800 PSI FIBER STRESS IN BENDING, AND 1350 PSI IN COMPRESSION.

MATERIALS FOR ONE TRUSS:
TOP CHORD 2x4s 16'-0"
BOTTOM CHORD 2x4s 16'-0"
LONG WEBS 2x4s 16'-0"
SHORT WEBS 2x4s 6'-0"
NAILS..... 2x8 LBS... 20d COMMON

ALL PROJECTING NAILS ARE TO BE CLINCHED.
TRUSSES SHOULD BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE.

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USDA '61 EX-5929 SHEET 2 OF 2