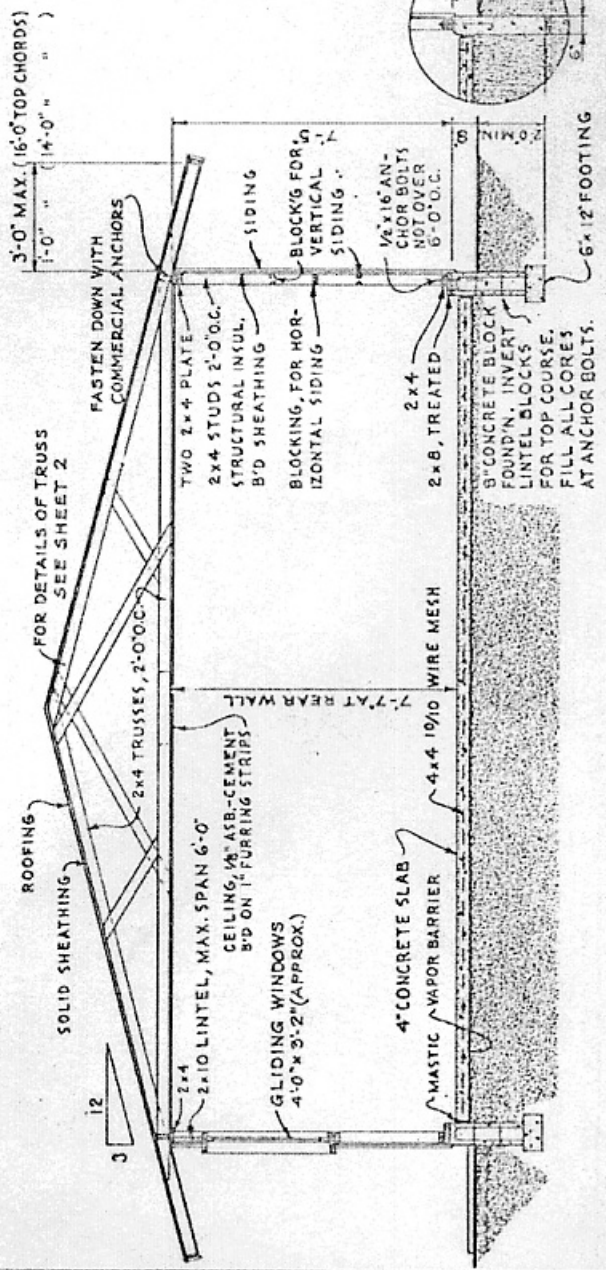
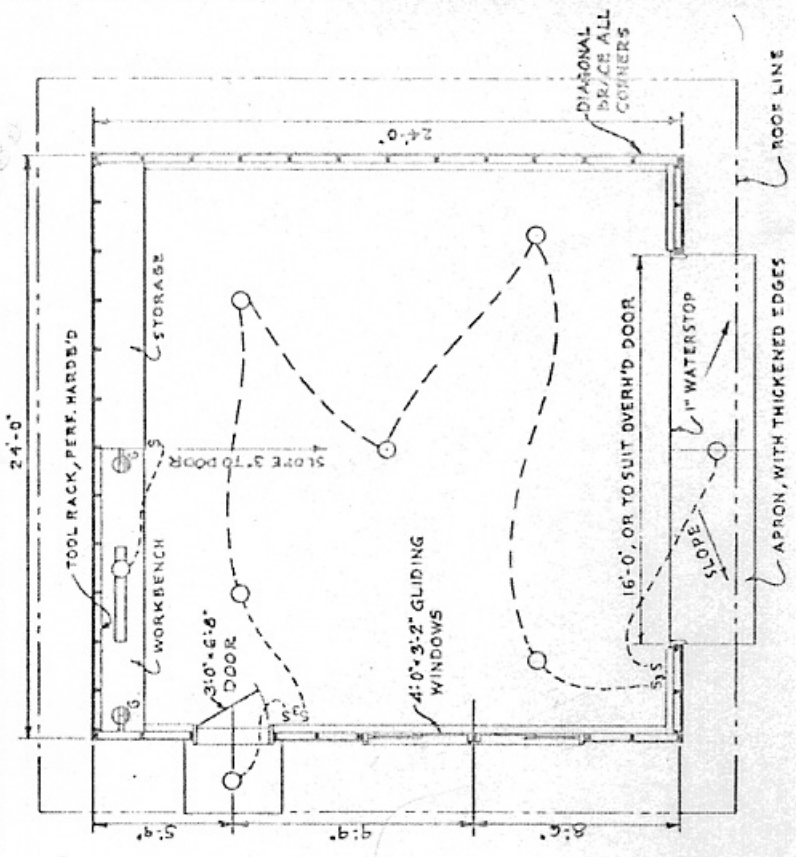


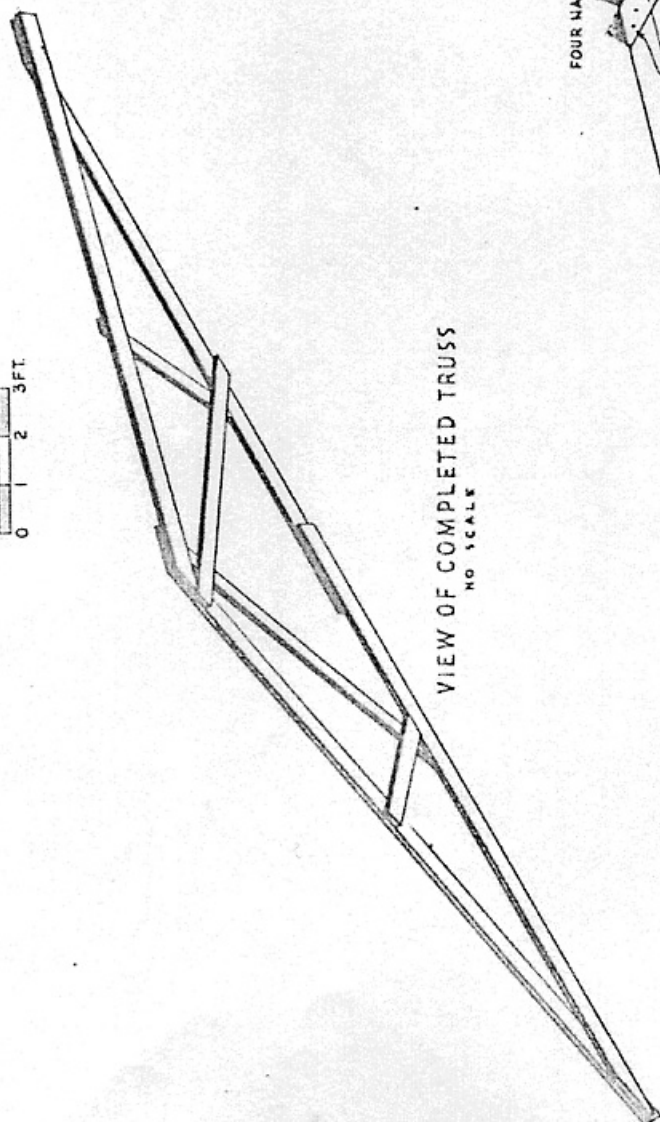
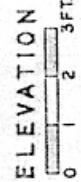
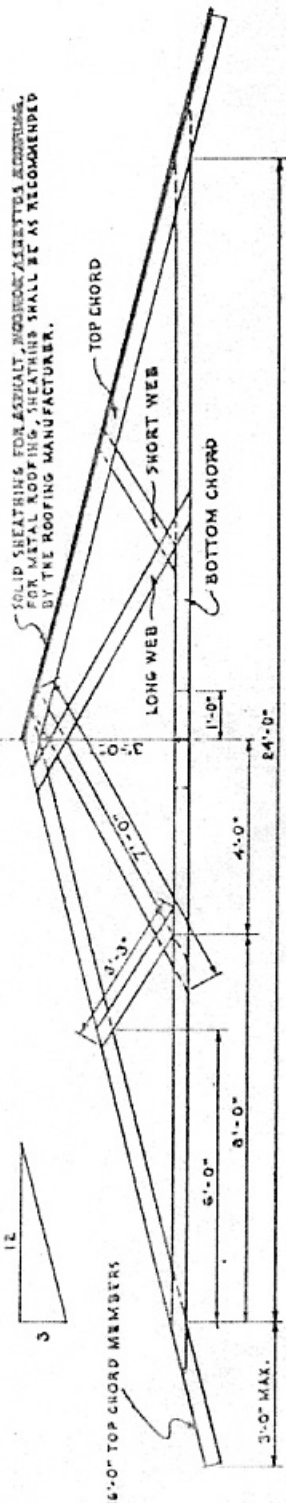
PERSPECTIVE



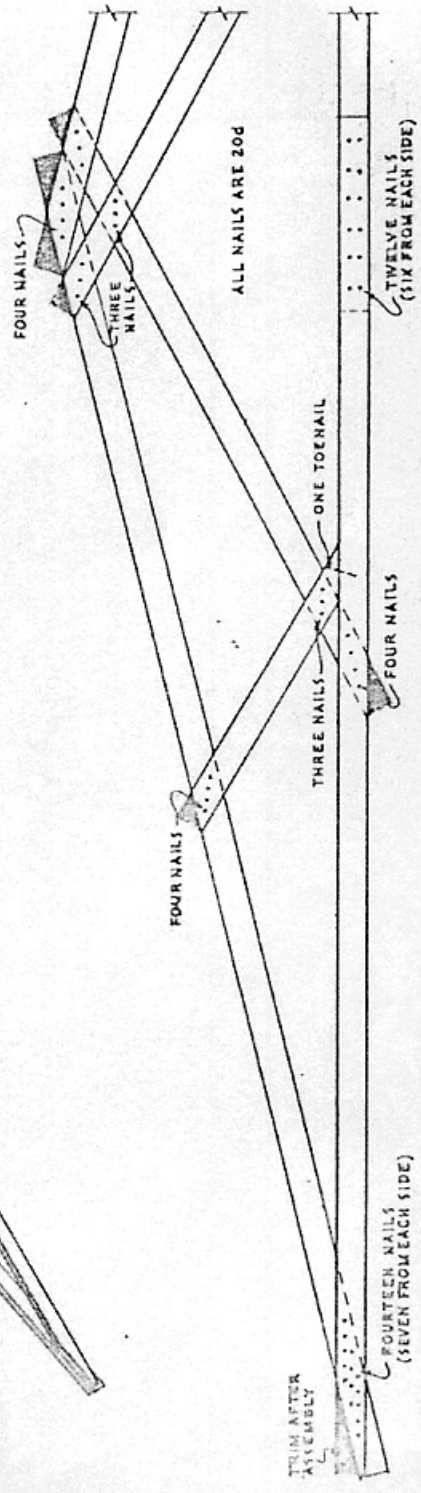
COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS  
STATE OF TENNESSEE  
UNIVERSITY OF TENNESSEE  
AGRICULTURAL ENGINEERING DEPARTMENT AND  
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

TWO-CAR GARAGE  
FRAME CONSTRUCTION

USDA 61 EX-5929 SHEET 1 OF 2



VIEW OF COMPLETED TRUSS  
NO SCALE



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

SOLID SHEATHING FOR EXHAUST, HIGH BACK AIR BRISTLES ACCORDING TO THE ROOFING MANUFACTURER. 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 STRENGTH IN BENDING, AND 1350 PSI IN COMPRESSION.

MATERIALS FOR ONE TRUSS:  
TOP CHORD..... 2X4S... 16'-0"  
BOTTOM CHORD... 2... 2X4S... 16'-0"  
LONG WEBS..... 1... 2X4S... 16'-0"  
SHORT WEBS..... 1... 2X4S... 6'-0"  
NAILS..... 2 1/8 LBS... 20G 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