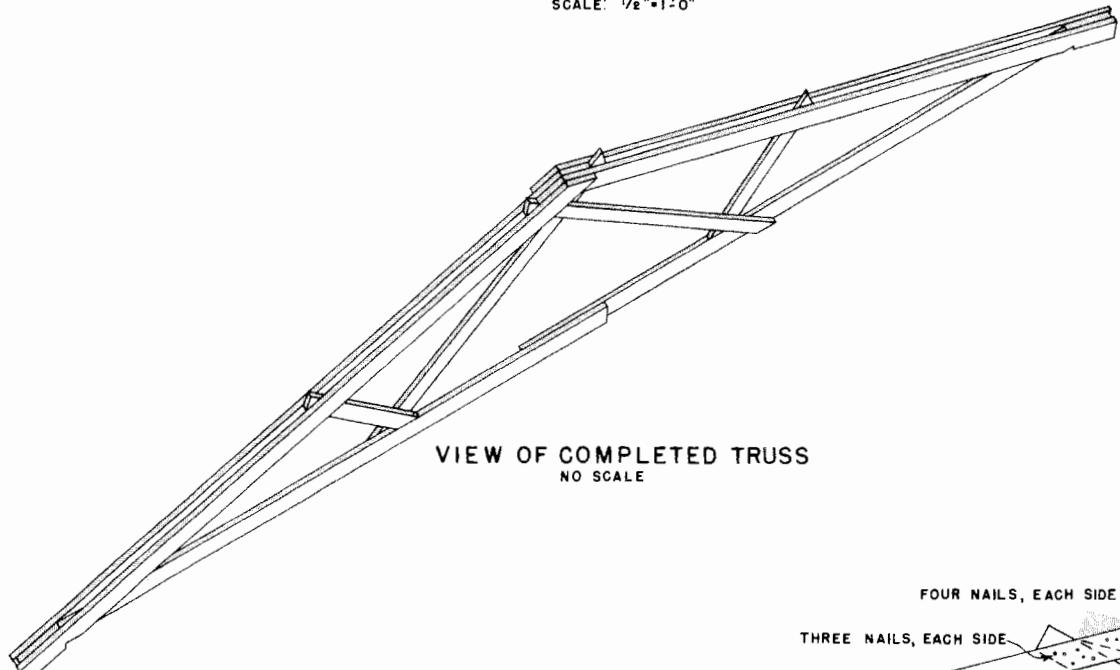


**ELEVATION**  
SCALE: 1/8"=1'-0"



**VIEW OF COMPLETED TRUSS**  
NO SCALE

WHERE SNOW OR WIND LOADS WILL NOT EXCEED----	TRUSSES MAY BE SPACED UP TO----	MAY BE ----	PURLINS SPACED UP TO--
15 LBS. PER SQ.FT.	8'-0" O.C.	2 1/4" ON EDGE	3'-6" O.C.
20 " " "	5'-4" "	2" 4" FLAT	2'-4" "
25 " " "	4'-4" "	2 x 4" "	2'-8" "
30 " " "	3'-8" "	2 x 4" "	2'-6" "

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

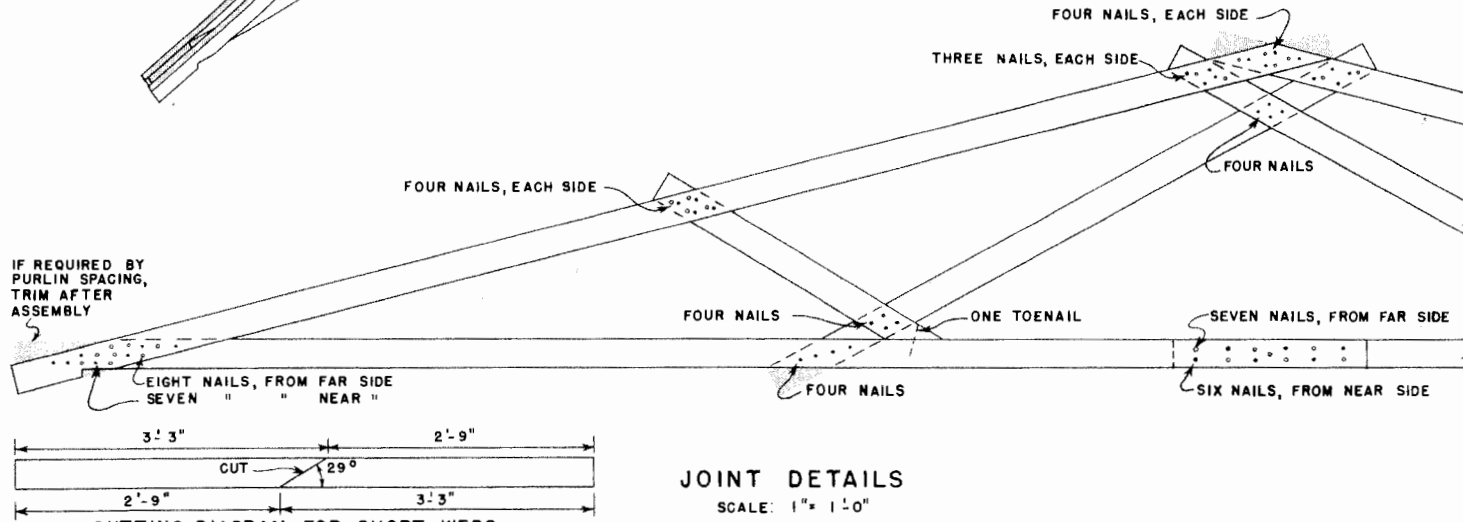
ALL LUMBER SHALL BE STRESS GRADED TO PROVIDE 1500 PSI FIBER STRESS IN BENDING, AND 1350 PSI IN COMPRESSION.

MATERIALS FOR ONE TRUSS:  
TOP CHORD..... 4 PCS.. 2 1/4" x 14'-0" (OR 16'-0")  
BOTTOM CHORD... 2 " .. 2 1/4" x 14'-0"  
LONG WEBS..... 1 " .. 2 1/4" x 14'-0"  
SHORT WEBS..... 1 " .. 2 1/4" x 6'-0"

NAILS..... 3 1/3 LBS 20d COMMON

ALL PROJECTING NAILS ARE TO BE CLINCHED.

TRUSSES SHOULD BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE.



**JOINT DETAILS**  
SCALE: 1"=1'-0"

IF REQUIRED BY PURLIN SPACING, TRIM AFTER ASSEMBLY

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

**24 FT. LAP-NAILED TRUSS**  
3/16 SLOPE \* DOUBLE TOP CHORD

USDA '61 EX. **5922** SHEET 1 OF 1

## Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.