

WHERE SNOW OR WIND LOADS WILL NOT EXCEED	TRUSSES MAY BE SPACED UP TO	PURLINS MAY BE SPACED UP TO
15 LBS. PER SQ. FT.	12'-0" O.C.	2'-4" O.C.
18 LBS.	10'-0"	2'-4" O.C.
23 LBS.	8'-0"	2'-4" O.C.
31 LBS.	6'-0"	2'-4" O.C.

2"x4" BLOCKING, SPACED TO SUIT PURLINS. FASTEN WITH TWO 10d, EACH SIDE.

MAX. SPACING FOR CORRUGATED METAL

THIS TRUSS IS DESIGNED TO SUPPORT LOADS UP TO 200 LBS PER FOOT OF SPAN, INCLUDING THE WEIGHT OF THE ROOF.

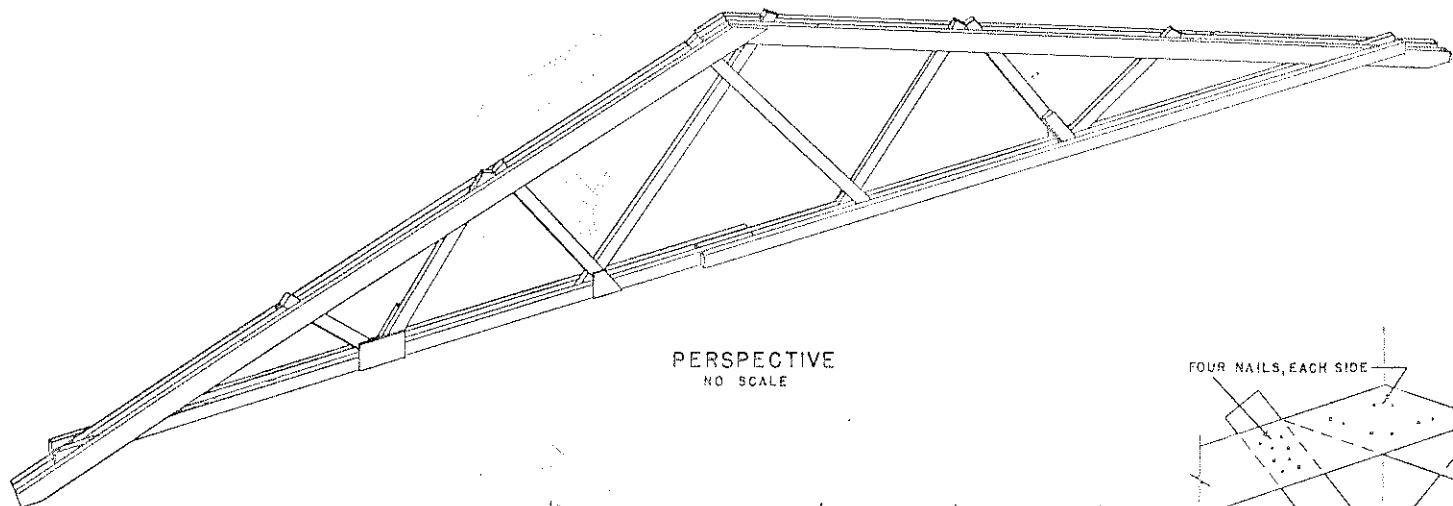
ALL LUMBER SHALL BE STRESS GRADED TO PROVIDE 1800 PSI FIBER STRENGTH IN BENDING, AND 1350 PSI IN COMPRESSION.

- MATERIALS FOR ONE TRUSS:
- TOP CHORD.....4 Pcs. 2"x6"x22'-0"
 - BOTTOM CHORD.....2 Pcs. 2"x4"x10'-0"
 - WEB MEMBERS & BLOCKERS.....3 Pcs. 2"x4"x10'-0"
 -1 Pcs. 2"x4"x10'-0"

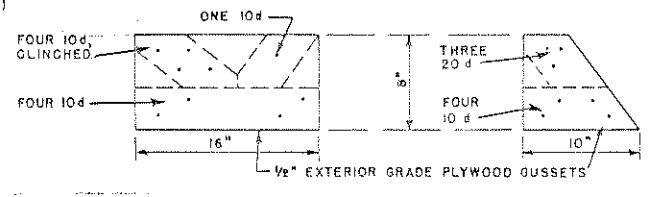
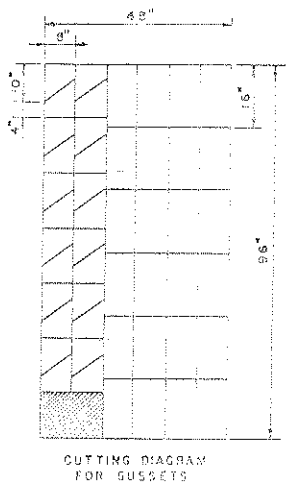
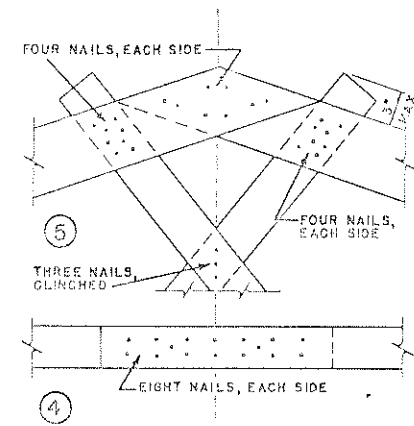
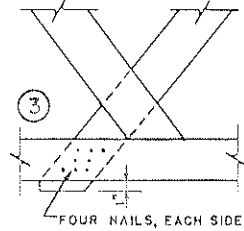
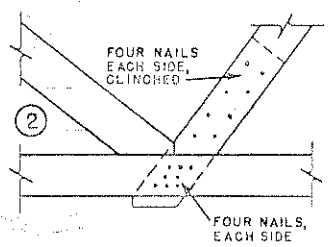
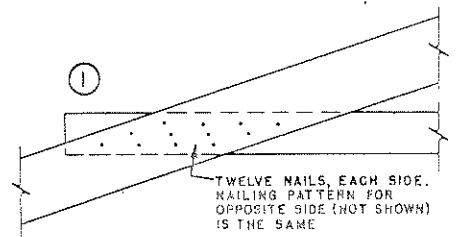
ONE 48"x96" PLYWOOD PANEL WILL PROVIDE GUSSETS FOR 12 TRUSSES

NAILS.....6 1/2 LBS. 20d COMMON

TRUSSES SHOULD BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURES.



PERSPECTIVE NO SCALE



JOINT DETAILS

ALL NAILS TO BE 20d COMMON, EXCEPT AS NOTED.

* NAILS DRIVEN FROM THE NEAR SIDE OF THE TRUSS, AND

** NAILS DRIVEN FROM FAR SIDE FOR LEFT END OF TRUSS, AS DETAILED. NOTE THAT NAILING PATTERNS ARE REVERSED FOR RIGHT END OF TRUSS.

ALL PROJECTING NAILS TO BE CLINCHED.

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

36 FT. UTILITY TRUSS
 4/12 SLOPE - LAP-NAILED CONSTRUCTION

USDA '61 EX. 6921 SHEET 1 OF 1