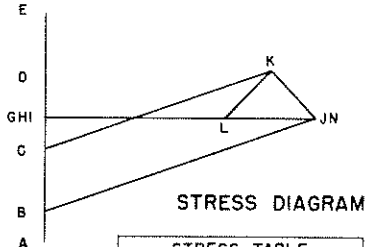


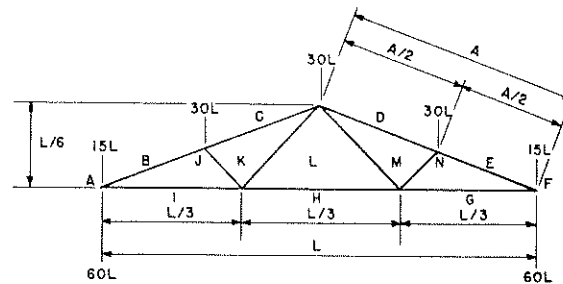
DIMENSIONS OF MEMBERS											LUMBER LIST								HARDWARE LIST PER TRUSS		
SPAN	TOP CHORD					LOWER CHORD			LONG DIAG.	SHORT DIAG.	SPAN	TOP CHORD	LOWER CHORD	LONG DIAGONAL	SHORT DIAGONAL	SCABS	B.F.M.	SPAN	ITEM	NO. PCS.	SIZE
	L	A	B	C	D	E	F	G	H	I											
24'	12'-8"	12'-9 1/8"	6'-1 1/4"	3 3/8"	5"	5"	8'-1"	3'-7"	5'-8 1/8"	2'-7 7/16"	24'	2-2 1/2"x6"x14"	2-2 1/2"x4"x14"	2-2 1/2"x4"x7"	2-2 1/2"x4"x3"	4-1 1/2"x4"x18"	62	24'	SPLIT RINGS (2)	13	2 1/2" DIA.
30'	15'-10"	15'-11 1/8"	7'-9 3/8"	3 3/8"	5"	5"	10'-1"	3'-7" OR 5'-7" (1)	7'-1 1/8"	3'-4 3/8"	30'	2-2 1/2"x6"x18"	1-2 1/2"x4"x18" 1-2 1/2"x4"x16"	2-2 1/2"x4"x8"	2-2 1/2"x4"x4"	4-1 1/2"x4"x18"	78	30'	CARRIAGE BOLTS	6	1/2"x4" 1/2"x6" 1/2"x7 1/2"
36'	19'-0"	19'-2 3/4"	9'-5 1/4"	5"	6"	6"	12'-2 1/2"	5'-7"	8'-7 1/4"	4'-0 13/16"	36'	2-2 1/2"x8"x22"	2-2 1/2"x4"x20"	2-2 1/2"x4"x10"	2-2 1/2"x4"x5"	4-1 1/2"x4"x18"	108	36'	WASHERS	9	1/2"
40'	21'-1"	21'-4 1/8"	10'-6 1/4"	5"	6"	6"	13'-6 1/4"	6'-3"	9'-6 1/8"	4'-6 11/16"	40'	2-2 1/2"x8"x24"	2-2 1/2"x4"x22"	2-2 1/2"x4"x11"	2-2 1/2"x4"x5"	2-1 1/2"x4"x18"	118	40'	NAILS	1/2 lb.	8d

TRUSS SPACING 4'-0" O.C.
DEAD LOAD AND LIVE LOAD = 30 P.S.F.

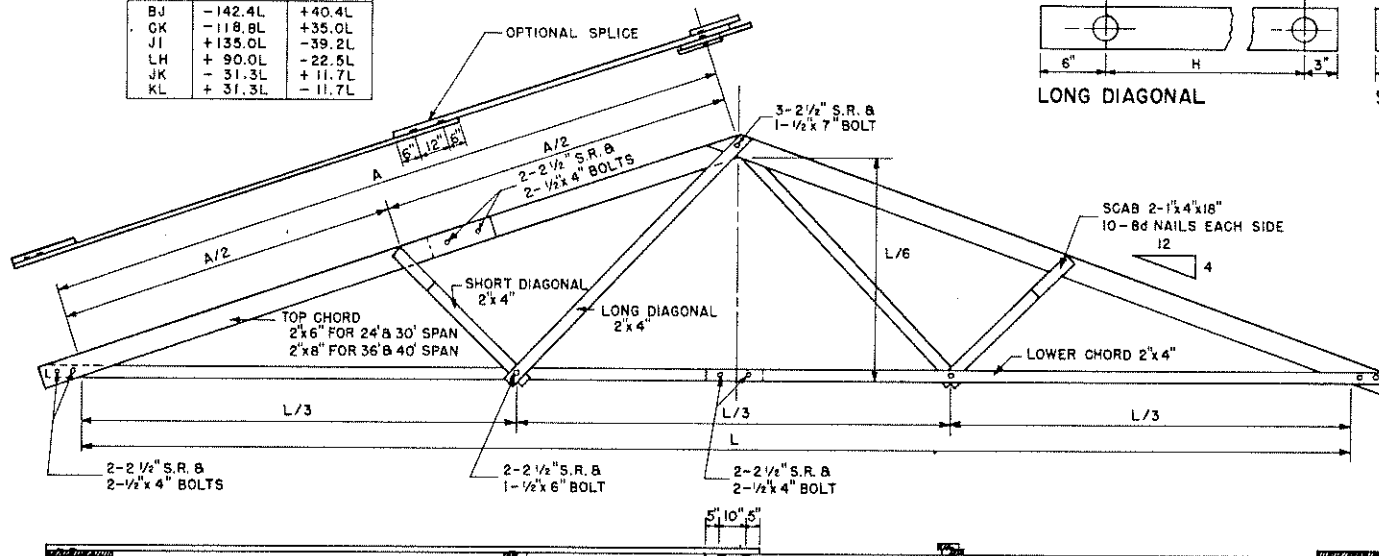
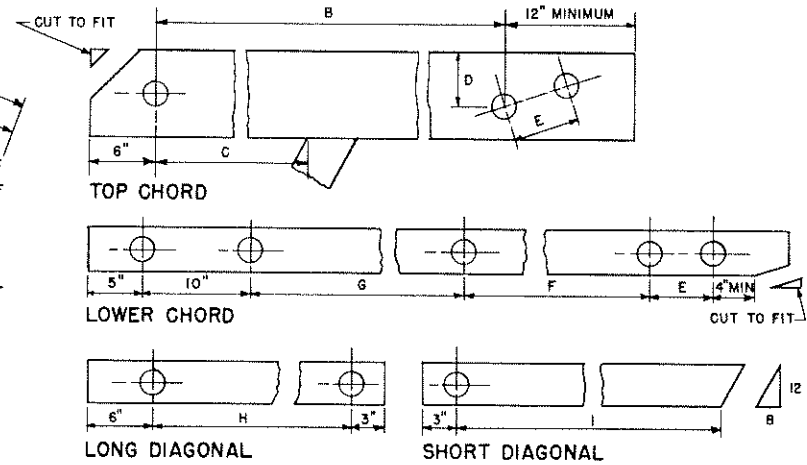


STRESS DIAGRAM

STRESS TABLE		
MEMBER	DEAD LOAD B SNOW "	WIND LOAD
BJ	-142.4L	+40.4L
CK	-118.8L	+35.0L
JH	+135.0L	-39.2L
LH	+90.0L	-22.5L
JK	-31.3L	+11.7L
KL	+31.3L	-11.7L



LOADING DIAGRAM



TRUSS ELEVATION

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

SPLIT RING TRUSSES
24' TO 40' SPANS

PENN.	'67	EX. 6005	SHEET 1 OF 1
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