01G

011119 01G 2 2 TRUSS DESC

Maple Ridge Truss Version 4.1bB 8 Nov 17 2000 MiTek Industries, Inc. Mon Dec 10 11:06:38 2001 Page 1 of

0-0 3-10-8 7-0-0 11-8-7 16-4-14 21-1-4 25-9-11 28-11-3 32-9-11 34-2-3

3-10-8 3-1-8 4-8-7 4-8-7 4-8-7 4-8-7 3-1-8 3-10-8 1-4-8

5.00 12 | =7x15 M-18 | 4x5 | 2x5 | 4x5 | =7x15 M-18 | 4x4 | 6x16 | 5x16 | 3x12.5 M-18 | 3.6-11 | 7-11

32-9-11

3-10-8 3-1-8 4-8-7 4-8-7 4-8-7 4-8-7 3-1-8 3-10-8

TOTAL WEIGHT = 4 x 4.252 = 1008.0

LUMBER
M.C.S.A. RULES

CHORDS	SIZE	LUMBER	DESCR.
TOP	2 X 6	510SP 1.9E	SPF
BOT	2 X 6	510SP 1.9E	SPF
1 - 3	2 X 6	66	SPF
3 - 7	2 X 6	66	SPF
7 - 11	2 X 6	66	SPF
11 - 13	2 X 6 DRY	1650F 1.5E	SPF
13 - 15	2 X 6 DRY	1650F 1.5E	SPF
15 - 17	2 X 6 DRY	1650F 1.5E	SPF
ALL WEBS	2 X 4 DRY	No.2	SPF

DRY: SEASONED LUMBER.

DESIGN CONSIST OF 4 TRUSSES BUILT SEPARATELY THEN NAILED TOGETHER WITH 3 ROWS WIRE NAILS STAGGERED THROUGHOUT BOTH FACES AS PER NAILING PATTERN

NAILING MAY BE DONE FROM ONE SIDE ONLY

CHORDS	BROWS	SPACING	LOCATION
1-3	2	12	TOP
3-7	2	12	SIDE(S1)
7-11	2	12	SIDE(S1)
11-13	2	12	TOP
13-15	2	12	TOP
15-17	2	12	TOP
WEBS	1	6	SIDE(S2)

GRADE NAILING ASSUMES NAILED HANGERS ARE FASTENED WITH 10d (3" NAILS)

TOP - COMPONENTS ARE LOADED FROM THE TOP AND MUST BE NAILED TOGETHER AS PER NAILING PATTERN

BOTTOM CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.0 FT.

MAX. UNBRACED BOTTOM CHORD LENGTH = 2.0 FT.

11'-0 LATERAL BRACE REQUIRED AT 11'-0 LENGTH OF 3/4 x 10-7.

LOADING (FACTORED)
LOAD CASE (1) OF (2)

CHORDS

MEMB	FORCE	FACTORED VERT. LOAD	FACTORED HORIZ. LOAD	MAX. UNBRAC	MEMB	WEBS FACTORED FORCE
	(LBS)	PLF	PLF	LENGTH		(LBS)
		FROM TO	FROM TO			
1 - 3	1177	-104.76 -104.76	0.00 0.00	10.00	1 - 3	1177
3 - 4	2574C	-104.76 -104.76	0.00 0.00	3.83	3 - 4	2574C
4 - 5	3830C	-104.76 -104.76	0.00 0.00	3.83	4 - 5	3830C
5 - 6	5038C	-104.76 -104.76	0.00 0.00	3.83	5 - 6	5038C
6 - 7	6246C	-104.76 -104.76	0.00 0.00	3.83	6 - 7	6246C
7 - 9	7454C	-104.76 -104.76	0.00 0.00	4.96	7 - 9	7454C
9 - 11	8662C	-104.76 -104.76	0.00 0.00	4.96	9 - 11	8662C
11 - 13	9870C	-104.76 -104.76	0.00 0.00	4.96	11 - 13	9870C
13 - 15	11078C	-104.76 -104.76	0.00 0.00	4.96	13 - 15	11078C
15 - 17	12286C	-104.76 -104.76	0.00 0.00	4.96	15 - 17	12286C
1 - 18	12827	-17.50 -17.50	0.00 0.00	3.33	1 - 18	12827
18 - 19	12827	-17.50 -17.50	0.00 0.00	3.33	18 - 19	12827
19 - 20	12827	-17.50 -17.50	0.00 0.00	3.33	19 - 20	12827
20 - 21	12827	-17.50 -17.50	0.00 0.00	3.33	20 -