

TOP CHORD 2 X 4 SYP No.2D BOT CHORD 2 X 4 SYP No.2D WEBS 2 X 4 SYP No.3 *Except* G-H 2 X 4 SYP No.2D

BRACING

TOP CHORD BOT CHORD WEBS

Sheathed or 3-11-13 oc purlins, except end verticals. Rigid ceiling directly applied or 7-3-14 oc bracing. 1 Row at midpt C-J, E-I, F-H

REACTIONS (lb/size) A = 1267/Mechanical, H = 1267/0-3-8 Max Horz A = 263(load case 4) Max UpliftA = -344(load case 4), H = -271(load case 5)

TOP CHORD A-B = -2380, B-C = -2162, C-D = -1367, D-E = -1149, E-F = -1311, F-G = -158, G-H = -185 BOT CHORD A-K = 2077, J-K = 1608, I-J = 1083, H-I = 1034 WEBS B-K = -320, C-K = 523, C-J = -645, D-J = 360, E-J = 263, E-I = 30, F-I = 130, F-H = -1370

1) This truss has been checked for unbalanced loading conditions.

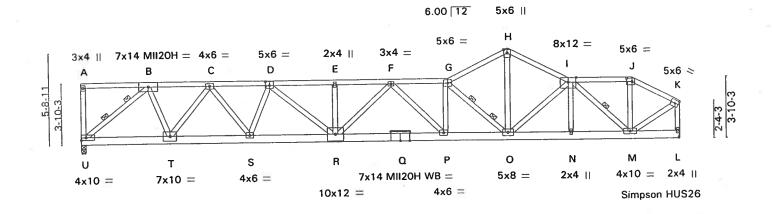
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is 1.60

3) Provide adequate drainage to prevent water ponding.

4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 344 lb uplift at joint A and 271 lb uplift at joint H.



Job	Truss	Truss Type		Qty	Ply N	NORTON BLD	G SCAFF F	A509195
L45316	тов	ROOF TRUSS	7 A. S.	175	1 (c	ptional)		2002
Builder's F	irstSource, Lake City,	FI 32056, KIMBER 20 HC	LSBW-AGct 1	7 2001 Mil	Tek Industri	es, Inc. Wed	Apr 30 13:	23:00 2003 Page 1
	4-2-10 8-0-9	11-10-7 15-11-4	, 19-5-10	23-0-0	26-9-0	30-6-0	34-6-0	37-6-0
}	4-2-10 3-9-15	3-9-14 4-0-13	3-6-6	3-6-6	3-9-0	3-9-0	4-0-0	3-0-0 Scale = 1:67.9



	. 5-6-3	10-6-15	15-11-4		23-0-0	26-9-0	30-6-0	34-0-0	+ 37-0-0	1
	5-6-3	5-0-13	5-4-5	•	7-0-12	3-9-0	3-9-0	4-0-0	3-0-0	
Plate O	ffsets (X,Y)	: [D:0-3-0,0-3-0], [J:0-4	-0.0-2-8]					·		
LOADIN TCLL TCDL BCLL BCDL	IG (psf) 20.0 7.0 0.0 10.0	Lumber Increase 1.3	25 TC (25 BC (10 WB (1	0.95 0.70 0.99	DEFL Vert(LL) Vert(TL) Horz(TL) 1st LC LL N	in (loc 0.52 P-l -0.95 P-l 0.17 Vin I/defl =	R >860 R >472 L n/a	PLATES MII20 MII20H Weight: 25	55 lb	GRIP 249/190 187/143
					PRACING					

2 X 4 SYP No.2D *Except* TOP CHORD

BOT CHORD

WEBS

2 X 4 SYP No.2D Except
D-G 2 X 4 SYP No.1D
2 X 6 SYP SS
2 X 4 SYP No.3 *Except*
H-O 2 X 4 SYP No.2D, K-L 2 X 4 SYP No.2D

BRACING TOP CHORD BOT CHORD

Sheathed or 1-4-10 oc purlins, except end verticals. Rigid ceiling directly applied or 5-8-12 oc bracing.

WEBS 1 Row at midpt

2 Rows at 1/3 pts B-U, G-O

REACTIONS (lb/size) U = 3367/0-4-0 (input: 0-3-8), L = 2337/Mechanical

Max Horz U = -100(load case 5)
Max UpliftU = -695(load case 4), L = -496(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD
A-U=-241, A-B=-81, B-C=-4514, C-D=-7579, D-E=-9511, E-F=-9511, F-G=-7492,
G-H=-4380, H-I=-4383, I-J=-1951, J-K=-2177, K-L=-2289
BOT CHORD
T-U=3577, S-T=6203, R-S=8185, Q-R=8578, P-Q=8578, O-P=7443, N-O=4081,
M-N=4080, L-M=56

B-U = -4596, B-T = 2680, C-T = -2867, C-S = 2335, D-S = -1744, D-R = 1743, E-R = -304, F-R = 1309, F-P = -1555, G-P = 1174, G-O = -4815, H-O = 3605, I-O = -237, I-N = -19, I-M = -2863, J-M = 745, K-M = 2250

NOTES

WEBS

1) This truss has been checked for unbalanced loading conditions.

2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level , using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is 1.60

3) Provide adequate drainage to prevent water ponding.

4) All plates are MII20 plates unless otherwise indicated.

5) WARNING: Required bearing size at joint(s) U greater than input bearing size. Refer to Detail ST-BLCK1.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 695 lb uplift at joint U and 496 lb uplift at joint L.



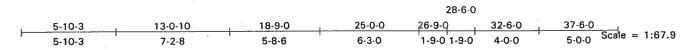
Job	Truss	10 20 1900	Truss Type	Qty	Ply	NORTON BLDG. SCAFF RES. A509195	
L45316	Т08	3 -	ROOF TRUSS	1	15.5	(optional)	22
Builder's Firs	l tSource,	Lake City, F	32056, KIMBER 20 HOLS BWA Wet 17 20	001 Mi	Tek Indu	stries, Inc. Wed Apr 30 13:23:00 2003 Page 2	

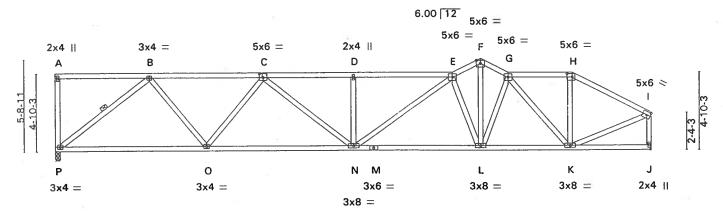
LOAD CASE(S) Standard

1) Regular: Lumber Increase = 1.25, Plate Increase = 1.25
 Uniform Loads (plf)
 Vert: A-E=-117.6, E-G=-54.0, G-H=-54.0, H-I=-54.0, I-J=-54.0, J-K=-54.0, R-U=-43.5, L-R=-20.0
 Concentrated Loads (lb)
 Vert: R=-1576.0

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG. SCAFF RES. A509196
L45316	то9	ROOF TRUSS	1-76	1:00	(optional)

Builder's FirstSource, Lake City, Fl 32056, KIMBER 20 HOLSBWARCt 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:02 2003 Page 1





Simpson HUS26

72	9-5-7	18-9-0	26-9-0	32-6-0	37-6-0
	9-5-7	9-3-9	8-0-0	5-9-0	5-0-0

Plate Offsets (X,Y): [C:0-3-0,0-3-0], [H:0-4-0,0	-2-8]		
LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 0.0 BCDL 10.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2001	CSI TC 0.36 BC 0.62 WB 0.74 (Matrix)	DEFL in (loc) I/defl Vert(LL) 0.18 N >999 Vert(TL) -0.38 N-O >999 Horz(TL) 0.09 J n/a 1st LC LL Min I/defl = 240	PLATES GRIP MII20 249/190 Weight: 221 lb

LUMBER

TOP CHORD BOT CHORD

WEBS

2 X 4 SYP No.2D 2 X 4 SYP No.2D 2 X 4 SYP No.3 *Except* I-J 2 X 4 SYP No.2D

BRACING

WEBS

TOP CHORD BOT CHORD

Sheathed or 3-7-12 oc purlins, except end verticals. Rigid ceiling directly applied or 7-5-7 oc bracing. B-P

1 Row at midpt

REACTIONS (lb/size) P = 1377/0-3-8, J = 1377/Mechanical Max Horz P = -125(load case 5) Max UpliftP = -430(load case 4), J = -278(load case 4)

TOP CHORD A-P=-134, A-B=-45, B-C=-2108, C-D=-2871, D-E=-2871, E-F=-2206, F-G=-2177, G-H=-1337, H-I=-1539, I-J=-1319

BOT CHORD O-P=1489, N-O=2574, M-N=2513, L-M=2513, K-L=2035, J-K=74

WEBS B-P=-1848, B-O=998, C-O=-751, C-N=381, D-N=-323, E-N=443, E-L=-1542,

F-L = 1775, G-L = -212, G-K = -1080, H-K = 387, I-K = 1358

NOTES

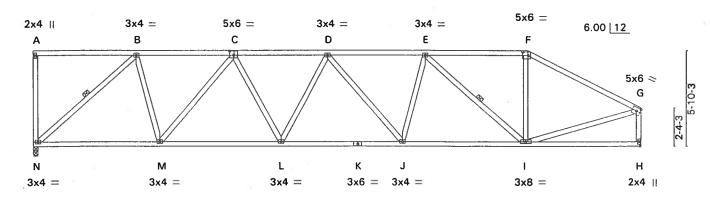
1) This truss has been checked for unbalanced loading conditions.

- 1) This truss has been checked for unbalanced loading conditions.
 2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is 1.60
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 430 lb uplift at joint P and 278 lb uplift at joint J.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Til	Qty	Ply NORTON BLD	G SCAFF RES.	750010
L45316	T10	ROOF TRUSS		1	1 (optional)		A509197
Builder's F	irstSource, Lake City,	FI 32056, KIMB	ER 20 HOLSBWAGct	17 2001 MiTe	k Industries, Inc. Wed	Apr 30 13:23:03	2003 Page 1
·	6-3-12	12-4-7	18-1-9	24-2-4	30-6-0	37-6-0	
45.00	6-3-12	6-0-10	5-9-2	6-0-10	6-3-12	7-0-0	
							Scale = $1:66$.



Simpson HUS26

3_	7-9	-1	15-3-0		22	!-8-15	1	30-6	-0	37-6-0	
	7-9	-1	7-5-15	1	7-	-5-15		7-9-	1	7-0-0	
Plate Of	ffsets (X,Y	: [C:0-3-0,0-3-0], [F:0-4-0,0-	2-8]			1.00				
LOADIN		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	PLATES	GRIP
TCLL TCDL	20.0 7.0	Plates Increase Lumber Increase	1.25 1.25	TC BC	0.35 0.51	Vert(LL) Vert(TL)	0.13 -0.26	J-L J-L	>999 >999	MII20	249/190
BCLL	0.0	Rep Stress Incr	YES	WB	0.87	Horz(TL)	0.08	·Ή	n/a		
BCDL	10.0	Code FB	C2001	(Matr	ix)	1st LC LL	Min I/de	efl = 24	40	Weight: 220 lb	

LUMBER

BRACING

TOP CHORD BOT CHORD

Sheathed or 4-3-4 oc purlins, except end verticals. Rigid ceiling directly applied or 7-10-7 oc bracing.

WEBS 1 Row at midpt B-N, E-I

REACTIONS (lb/size) N = 1377/0-3-8, H = 1377/Mechanical

Max Horz N = -153(load case 5)
Max UpliftN = -455(load case 2), H = -339(load case 2)

FORCES (lb) - First Load Case Only

TOP CHORD A-N = -155, A-B = -34, B-C = -1515, C-D = -2225, D-E = -2211, E-F = -1457, F-G = -1701, G-H = -1304

BOT CHORD M-N = 1308, L-M = 2051, K-L = 2321, J-K = 2321, I-J = 2137, H-I = 137 WEBS B-N = -1714, B-M = 825, C-M = -839, C-L = 376, D-L = -210, D-J = -172, E-J = 295, E-I = -915,

F-I=359, G-I=1369

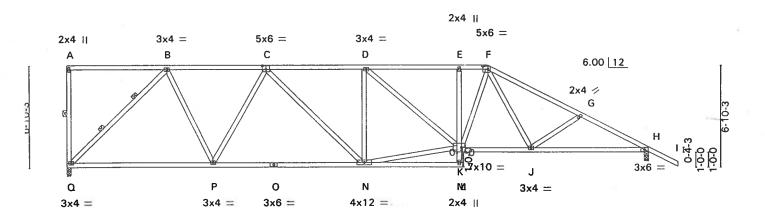
NOTES

- 1) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is 1.60
- 2) Provide adequate drainage to prevent water ponding.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 455 lb uplift at joint N and 339 lb uplift at joint H.

LOAD CASE(S) Standard



Job	Truss	Truss Type		Qty	Ply	NORTON BLDG.	SCAFF RES		09198
L45316	T11 * *	ROOF TRUS	S	1	1000	(optional)		= Fares (7)	09138
Builder's F	irstSource, Lake City	, Fl 32056, KIM	BER 20 HOLS BY	NsAØct 17 2001 Mi	Tek Indust	ries, Inc. Wed A	pr 30 13:23	04 2003 P	age 1
	6-9-1	13-5-14	20-1-2	26-9-8	28-6-0	34-8-12	39-6-0	41-6-0	
	6-9-1	6-8-12	6-7-5	6-8-6	1-8-8	6-2-12	4-9-4	2-0-0	



9	-10-9	20-1-2	26-9-8	31-5-4	39-6-0	
9	-10-9	10-2-10	6-8-6	4-7-12	8-0-12	
Plate Offsets (X,Y): [C:0-3-0,0-3-0], [F	0-4-0,0-2-8], [K:0-3-4,E	dge]			
LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 0.0 BCDL 10.0	Plates Increase Lumber Increase Rep Stress Incr	2-0-0 CSI 1.25 TC 0.40 1.25 BC 0.55 YES WB 0.69 2001 (Matrix)	DEFL Vert(LL) -0.1 Vert(TL) -0.3 Horz(TL) 0.1 1st LC LL Min I	8 N-P >999 0 H n/a	PLATES MII20 Weight: 243 lb	GRIP 249/190
BOT CHORD 2 X	4 SYP No.2D 4 SYP No.2D 4 SYP No.3				oc purlins, except en	

RO1 CHOKD Rigid ceiling directly applied or 8-11-Except: 1 Row at midpt E-K A-Q **WEBS** 1 Row at midpt 2 Rows at 1/3 pts

REACTIONS (lb/size) Q = 1449/0-3-8, H = 1573/0-3-8 Max Horz Q = -265(load case 5) Max UpliftQ = -464(load case 2), H = -376(load case 5)

FORCES (lb) - First Load Case Only TOP CHORD A-Q=-164, A-B=-35, B-C=-1629, C-D=-2212, D-E=-2245, E-F=-2246, F-G=-2558,

G-H = -2792, H-I = 47BOT CHORD P-Q = 1240, O-P = 1961, N-O = 1961, M-N = 189, L-M = 0, K-M = 65, E-K = -163, J-K = 2060, H-J = 2430

B-Q=-1697, B-P=904, C-P=-688, C-N=354, D-N=-397, K-N=2046, D-K=45, F-K=562, **WEBS** F-J=341, G-J=-255

NOTES

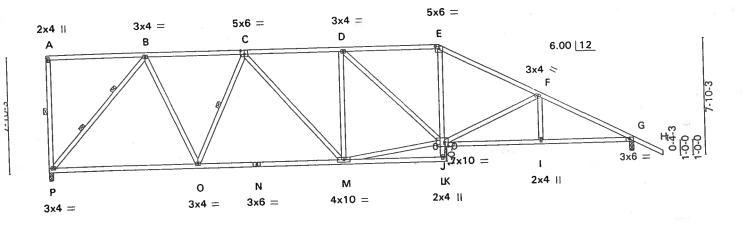
- 1) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure 8 ASCE 7-98 per FBC2001 If end verticals exist, the right is exposed and the left is not exposed. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate
- grip increase is 1.60
 2) Provide adequate drainage to prevent water ponding.
 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 464 lb uplift at joint Q and 376 lb uplift at joint H.

STATE OF STA

Scale = 1:73.2

May 2,2003

Job	Truss	Truss Type	0	ity Ply	NORTON BL	OG SCAFF RES	A509199
L45316	T12	ROOF TRUSS	1 SBWAGct 17 2001	MiTek Indu	(optional) ustries, Inc. We	ed Apr 30 13:23	06 2003 Page 1
Builder's Fi	rstSource, Lake City,	40.10.9	26-6-0	26 ₇ 9-8	33-2-6	39-6-0	41-6-0
	6-8-0 6-8-0	13-4-7 6-8-7 6-6-2	6-7-8	0-3-8	6-4-14	6-3-10	2-0-0 Scale = 1:73.2



1	0-0-3 0-0-3	9-	10-8 10-5	6-11-0	6-4	1-14	6-3-10	To The
Plate Offsets (X,Y) LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 0.0 BCDL 10.0	SPACING Plates Increase Lumber Increase Rep Stress Incr	2-0-0 1.25 1.25 YES 22001	2-0], [J:0-3-4,Ec CSI TC 0.37 BC 0.53 WB 0.58 (Matrix)		2 M-O 0 G	I/defl >999 >999 n/a 40	PLATES MII20 Weight: 246 lb	GRIP 249/190

TOP CHORD 2 X 4 SYP No.2D BOT CHORD 2 X 4 SYP No.2D WEBS 2 X 4 SYP No.3

BRACING TOP CHORD BOT CHORD

WEBS

26.0.8

Sheathed or 3-9-4 oc purlins, except end verticals. Sheathed or 3-9-4 or pulling, sheathed or 3-9-4 or pulling directly applied or 9-10-12 or bracing.

1 Row at midpt

A-P, C-O

39-6-0

1 Row at midpt 2 Rows at 1/3 pts B-P

33-2-6

REACTIONS (lb/size) P=1449/0-3-8, G=1573/0-3-8

Max Horz P = -303(load case 5)

Max UpliftP= -458(load case 2), G=-396(load case 5)

FORCES (Ib) - First Load Case Only TOP CHORD A-P=-160, A-B=-29, B-C=-1426, C-D=-1917, D-E=-1926, E-F=-2255, F-G=-2783,

BOT CHORD O-P=1062, N-O=1696, M-N=1696, L-M=140, K-L=0, J-L=69, E-J=605, I-J=2406,

B-P = -1582, B-O = 898, C-O = -666, C-M = 338, D-M = -360, D-J = 14, J-M = 1796, F-J = -510,

WEBS F-I = 145

NOTES

1) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level , using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II enclosed building, with exposure B ASCE 7-98 per FBC2001 II encl to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is 1.60
2) Provide adequate drainage to prevent water ponding.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 458 lb uplift

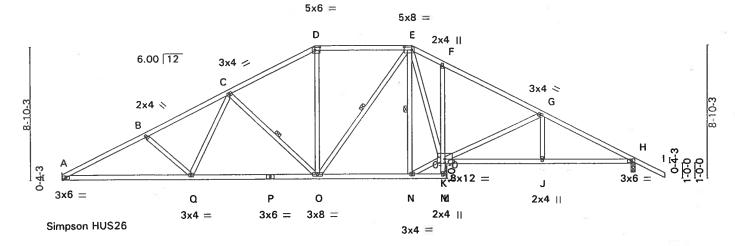
at joint P and 396 lb uplift at joint G.



NORTON BLDG. SCAFF RES Job Truss Truss Type Qty A509200 L45316 T13 **ROOF TRUSS** (optional)

32056, KIMBER 20 HOLSBWAGCt 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:07 2003 Page Builder's FirstSource, Lake City, FI





1	8-7-14	17-0-0	23-6-0	25-9-8	32-2-6	38-6-0
	8-7-14	8-4-2	6-6-0	່ 2-3-8່	6-4-14	6-3-10

LOADIN	G (psf)	SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	PLATES	GRIP
TCLL	20.0	Plates Increase	1.25	TC	0.33	Vert(LL)	-0.14	J-K	>999	MII20	249/190
TCDL	7.0	Lumber Increase	1.25	BC	0.57	Vert(TL)	-0.31	Ω-0	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.51	Horz(TL)	0.12	Н	n/a		
BCDL	10.0		2001	(Mate	rix)	1st LC LL	Min I/de	efl = 2	40	Weight: 230 lb	

LUMBER

TOP CHORD BOT CHORD

2 X 4 SYP No.2D 2 X 4 SYP No.2D 2 X 4 SYP No.3 WEBS

BRACING TOP CHORD

WEBS

Sheathed or 3-8-0 oc purlins.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing,

Except:

7-2-13 oc bracing: A-0

8-6-15 oc bracing: 0-Q.

1 Row at midpt 1 Row at midpt

F-K C-O, E-O, E-N

REACTIONS (lb/size) A = 1415/Mechanical, H = 1539/0-3-8

Max Horz A = -180(load case 5)

Max UpliftA = -394(load case 4), H = -427(load case 5)

FORCES (lb) - First Load Case Only TOP CHORD A-B=-2726, B-C=-2499, C-D=-1838, D-E=-1593, E-F=-2060, F-G=-2180, G-H=-2712,

H-I=47**BOT CHORD**

A-Q=2390, P-Q=1989, O-P=1989, N-O=1528, M-N=93, L-M=0, K-M=17, F-K=-165,

J-K=2345, H-J=2345 B-Q=-295, C-Q=430, C-Q=-564, D-Q=452, E-Q=110, E-N=-565, K-N=1586, E-K=1165, G-K=-521, G-J=140

NOTES

WEBS

1) This truss has been checked for unbalanced loading conditions.

2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level , using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals exist, the right is exposed and the left is not exposed. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate

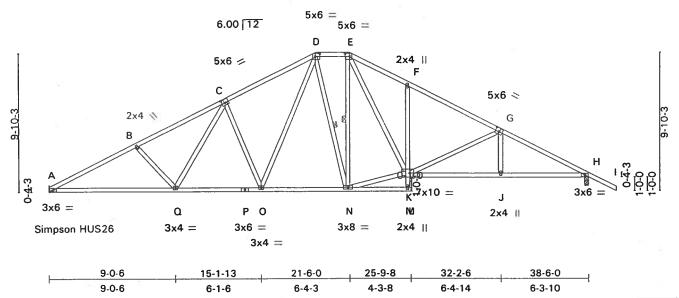
grip increase is 1.60
3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 394 lb uplift at joint A and 427 lb uplift at joint H.



Job	Truss	Truss Type	Qty	Ply	NORTON BLDG SCAFF RES.	
L45316	T14	ROOF TRUSS	1	1.2	. A50920)1
	0 1 0 5	22070 (184575 2041016584465 17 206	A BAST.		(optional)	13

Builder's FirstSource, Lake City, Fl 32056, KIMBER 20 HOLLD WAR to 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:09 2003 Page 1





[C:0-3-0,0-3-0], [D:0-4-0,0-2-8], [E:0-4-0,0-2-8], [G:0-3-0,0-3-0], [K:0-3-4,Edge] Plate Offsets (X,Y): GRIP LOADING (psf) SPACING DEFL I/defl **PLATES** 2-0-0 (loc) 249/190 TC BC 20.0 Plates Increase 1.25 0.42 Vert(LL) -0.14.1-K >999 MI120 0.57 -0.32 TCDL 7.0 Lumber Increase 1.25 Vert(TL) A-Q >999 0.11 0.0 WB Horz(TL) **BCLL** Rep Stress Incr YES n/a FBC2001 (Matrix) 1st LC LL Min I/defl = 240 Weight: 239 lb **BCDL** 10.0 Code

LUMBER TOP CHORD BOT CHORD

WEBS

2 X 4 SYP No.2D 2 X 4 SYP No.2D 2 X 4 SYP No.3

BRACING

TOP CHORD BOT CHORD

Sheathed or 3-6-14 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc bracing, Except:

7-4-3 oc bracing: A-Q 9-0-11 oc bracing: O-Q.

WEBS

1 Row at midpt 1 Row at midpt

F.K D-N, E-N

REACTIONS (lb/size) A = 1415/Mechanical, H = 1539/0-3-8

Max Horz A = -199(load case 5)

Max UpliftA = -374(load case 4), H = -445(load case 5)

FORCES (lb) - First Load Case Only TOP CHORD A-B=-2691, B-C=-2473, C-D=-1969, D-E=-1409, E-F=-2135, F-G=-2181, G-H=-2710,

H-I = 47**BOT CHORD**

A-Q = 2355, P-Q = 1907, O-P = 1907, N-O = 1428, M-N = 85, L-M = 0, K-M = 43, F-K = -296,

J-K = 2340, H-J = 2342

B-Q = -321, C-Q = 479, C-O = -583, D-O = 698, D-N = -83, E-N = -124, K-N = 1362, E-K = 1041,

G-K = -512, G-J = 141

NOTES

WEBS

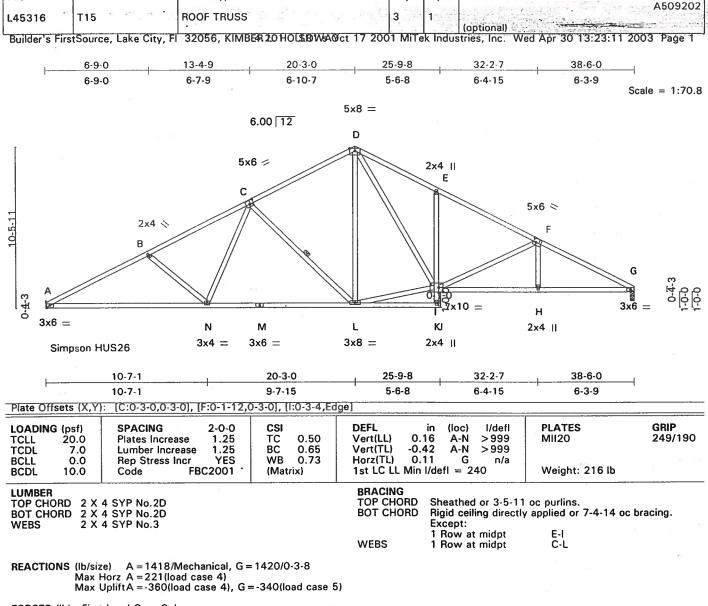
1) This truss has been checked for unbalanced loading conditions.

2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals exist, the right is exposed and the left is not exposed. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate

grip increase is 1.60 Provide adequate drainage to prevent water ponding.

Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 374 lb uplift at joint A and 445 lb uplift at joint H.





Oty

NORTON BLDG. SCAFF RES

Truss Type

FORCES (lb) - First Load Case Only TOP CHORD A-B=-2669, B-C=-2380, C-D=-1606, D-E=-2147, E-F=-2198, F-G=-2758 BOT CHORD A-N=2335, M-N=1860, L-M=1860, K-L=97, J-K=0, I-K=48, E-I=-296, H-I=2396,

G-H = 2391

WEBS B-N = -368, C-N = 507, C-L = -696, D-L = 397, I-L = 1287, D-I = 1012, F-I = -556, F-H = 156

NOTES

Job

Truss

 This truss has been checked for unbalanced loading conditions.
 This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals exist, the right is exposed and the left is not exposed. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is 1.60

3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 360 lb uplift at joint A and 340 lb uplift at joint G.

LOAD CASE(S) Standard



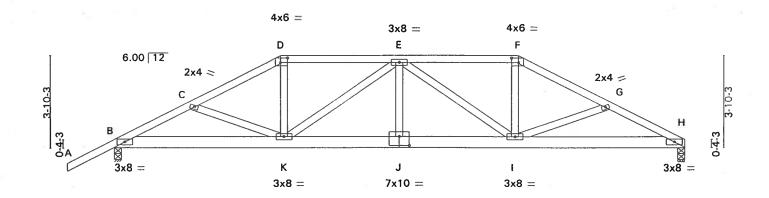
-	Job	Truss	Truss Type	Qty	Ply	NORTON BEDG SCAFF RES.
Ξ	L45316 '	T16	ROOF TRUSS	1	1897	A509203
	Builder's Firs	Source. Lake Citv. F	- 32056, Kimber 20 Holsbwaget 17 200)1 MiTe	k Indus	(optional)

-2-0-0 7-0-0 12-0-0 17-0-0 20-7-13 24-0-0 3-4-3 3-7-13 3-4-3

5-0-0

5-0-0

Scale = 1:45.5



	7-0-0	12-0-0	17-0-0	24-0-0	
1	7-0-0	5-0-0	5-0-0	7-0-0	
ets (X,Y):	[D:0-3-8,0-2-4], [F:0-3-8,	0-2-4], [J:0-5-0,0-4-8]			

Plate Offse LOADING (psf) **SPACING** 2-0-0 CSI DEFL I/defI **PLATES GRIP** (loc) TC BC 20.0 Plates Increase 1.25 0.41 Vert(LL) >999 MII20 249/190 TCLL TCDL Lumber Increase 1.25 0.46 Vert(TL) -0.22 >999 0.0 Rep Stress Incr NO WR 0.48 Horz(TL) 0.06 n/a FBC2001 Weight: 140 lb BCDL 10.0 Code (Matrix) 1st LC LL Min I/defl = 240

LUMBER

2-0-0

3-4-3

TOP CHORD 2 X 4 SYP No.2D BOT CHORD 2 X 6 SYP No.1D WEBS 2 X 4 SYP No.3

BRACING

Sheathed or 3-3-3 oc purlins.

TOP CHORD BOT CHORD Rigid ceiling directly applied or 6-10-0 oc bracing.

3-7-13

REACTIONS (lb/size) H = 1779/0-3-8, B = 1905/0-3-8

Max Horz B = 132(load case 4)

Max UpliftH = -635(load case 4), B = -845(load case 4)

NOTES

- This truss has been checked for unbalanced loading conditions.
 This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level

 using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an

 occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals exist, they are exposed to wind. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is 1.60
- 3) Provide adequate drainage to prevent water ponding.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 635 lb uplift at joint H and 845 lb uplift at joint B.

5) Girder carries hip end with 7-0-0 end setback

LOAD CASE(S) Standard

1) Regular: Lumber Increase = 1.25, Plate Increase = 1.25

Uniform Loads (plf)

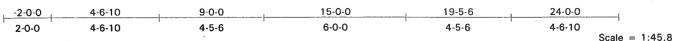
Vert: A-D = -54.0, D-F = -117.6, F-H = -54.0, B-K = -20.0, I-K = -43.5, H-I = -20.0

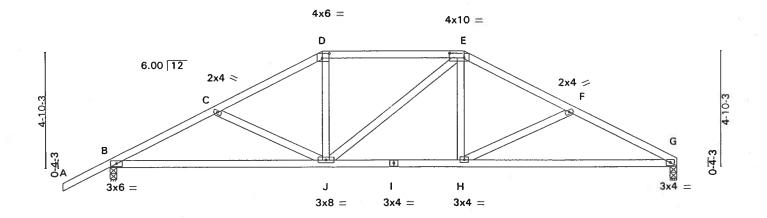
Concentrated Loads (lb)

Vert: K = -474.8 I = -474.8



						1. (a) 1.
Job	Truss	Truss Type	Qty	Ply NORTON	BLDG SCAFF RES.	
L45316	T17	ROOF TRUSS	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1 (optional)		A509204
Builder's First	Source, Lake City, F	32056, KIMBER 20 HOLSBW	SAGCt 17 2001 MiTe	ek Industries, Inc.	Wed Apr 30 13:23:13 20	003 Page 1
200	4:C:10	0.00	15.0.0	10 5 6	24.0.0	





	9-0-0		15-0-0		24-0-0	
15	9-0-0	ı	6-0-0			
Plate Offsets (X,Y)	: [D:0-3-8,0-2-4], [E:0-7-8,0	2-4]				
LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 0.0 BCDL 10.0	SPACING 2-0-0 Plates Increase 1.25 Lumber Increase 1.25 Rep Stress Incr YES Code FBC2001	CSI TC 0.28 BC 0.37 WB 0.13 (Matrix)	DEFL Vert(LL) 0.0 Vert(TL) -0.2 Horz(TL) 0.0 1st LC LL Min I	21 G-H >999 04 G n/a	PLATES MII20 Weight: 116 lb	GRIP 249/190

BRACING

TOP CHORD

BOT CHORD

Sheathed or 4-11-13 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc bracing.

LUMBER

TOP CHORD 2 X 4 SYP No.2D BOT CHORD 2 X 4 SYP No.2D WEBS 2 X 4 SYP No.3

REACTIONS (lb/size)

(lb/size) G = 872/0-3-8, B = 998/0-3-8Max Horz B = 147(load case 4)

Max UpliftG = -191(load case 5), B = -369(load case 4)

FORCES (lb) - First Load Case Only

TOP CHORD A-B=47, B-C=-1516, C-D=-1278, D-E=-1106; E-F=-1289, F-G=-1548 BOT CHORD B-J=1309, I-J=1115, H-I=1115, G-H=1347 WEBS C-J=-233, D-J=248, E-J=-11, E-H=267, F-H=-266

NOTES

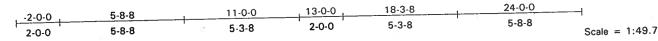
- NOTES

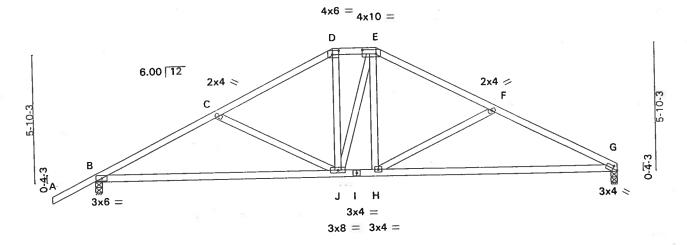
 1) This truss has been checked for unbalanced loading conditions.

 2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals exist, they are exposed to wind. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is
- 3) Provide adequate drainage to prevent water ponding.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 191 lb uplift at joint G and 369 lb uplift at joint B.



NORTON BLDG. SCAFF RES. Ply Oty Truss Type A509205 Truss Job 1 1 **ROOF TRUSS** T18 L45316 (optional) Builder's FirstSource, Lake City, Fl 32056, KIMBER 20 HOLSBWARCt 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:15 2003 Page 1





11-0-0	, 13-0-0	24-0-0	
11-0-0	2-0-0	11-0-0	
	2 10 0-1-81		

Plate Offsets (X,	Y): [D:0-3-8,0-2-4], [E:	0-7-8,0-2-4], [G:0-2-1	0,0-1-01			
LOADING (psf) TCLL 20.0 TCDL 7.0 BCLL 0.0	SPACING Plates Increase Lumber Increase Rep Stress Incr	2-0-0 CSI 1.25 TC 0.32 1.25 BC 0.49 YES WB 0.26	DEFL in (III Vert(LL) 0.07 C Vert(TL) -0.35 C Horz(TL) 0.04	oc) I/defl G-H >999 G-H >802 G n/a = 240	PLATES MII20 Weight: 121 lb	GRIP 249/190
.00-	Rep Stress Incr. Code FBC	YES WB 0.26 2001 (Matrix)	1st LC LL Min I/defl		Weight: 121 lb	

BRACING

TOP CHORD

LUMBER

TOP CHORD BOT CHORD 2 X 4 SYP No.2D 2 X 4 SYP No.2D 2 X 4 SYP No.3

REACTIONS (lb/size) G = 872/0-3-8, B = 998/0-3-8

Max Horz B = 166(load case 4)

Max UpliftG = -210(load case 5), B = -349(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD A-B = 47, B-C = -1474, C-D = -1146, D-E = -968, E-F = -1151, F-G = -1496
BOT CHORD B-J = 1273, I-J = 970, H-I = 970, G-H = 1300
WEBS C-J = -349, D-J = 286, E-J = -7, E-H = 316, F-H = -378

1) This truss has been checked for unbalanced loading conditions.

1) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level

2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level

2) using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end

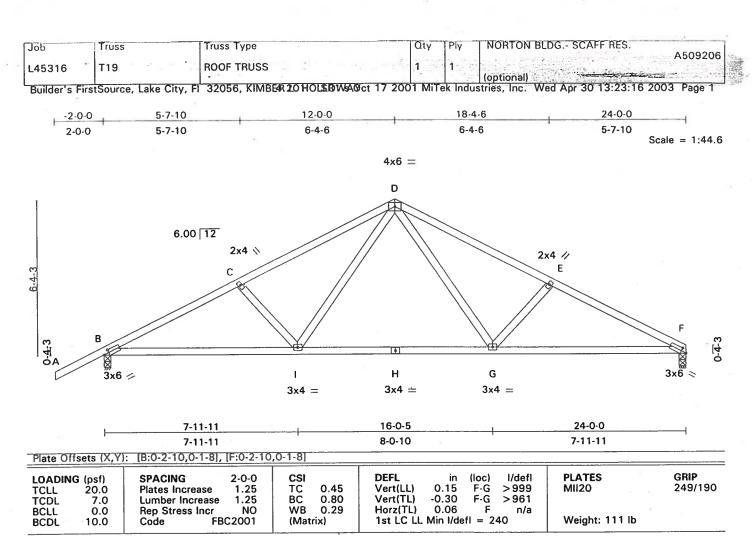
1) It is truss has been checked for unbalanced loading conditions. verticals exist, they are exposed to wind. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is

3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint G and 349 lb uplift at joint B.

LOAD CASE(S) Standard



Sheathed or 4-10-12 oc purlins.
Rigid ceiling directly applied or 10-0-0 oc bracing.



TOP CHORD 2 X 4 SYP No.2D BOT CHORD 2 X 4 SYP No.2D WEBS 2 X 4 SYP No.3

BRACING

TOP CHORD BOT CHORD Sheathed or 3-9-8 oc purlins.

Rigid ceiling directly applied or 8-6-2 oc bracing.

REACTIONS (lb/size) F = 1346/0-3-8, B = 1472/0-3-8

Max Horz B = 176(load case 4)

Max UpliftF = -375(load case 5), B = -494(load case 4)

FORCES (lb) - First Load Case Only

TOP CHORD A-B=47, B-C=-2280, C-D=-2088, D-E=-2109, E-F=-2304 BOT CHORD B-I=1991, H-I=1322, G-H=1322, F-G=2019

WEBS C-I = -293, D-I = 860, D-G = 891, E-G = -309

NOTES

1) This truss has been checked for unbalanced loading conditions.

- 2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals exist, they are exposed to wind. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is 1.60
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 375 lb uplift at joint F and 494 lb uplift at joint B.

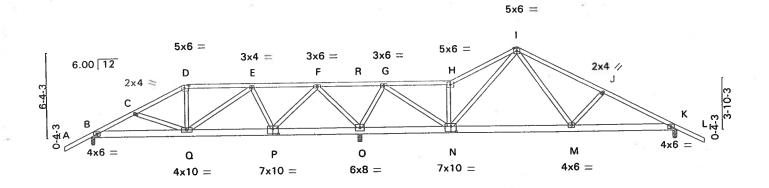
LOAD CASE(S) Standard

1) Regular: Lumber Increase = 1.25, Plate Increase = 1.25 Uniform Loads (plf) Vert: A-D = -54.0, D-F = -54.0, B-F = -60.0



_ 1	Job	Truss	Truss Type	Qty	Ply	NORTON BLDG. SCAFF RES. A509207
	L45316	T20	ROOF TRUSS	1	1	(optional)
	Builder's First	Source, Lake City, F	32056, KIMBER 20 HOLS BWANCt 17 200	1 MiTe	ek Indus	tries, Inc. Wed Apr 30 13:23:17 2003 Page 1

2-0-0	3-4-3	7-0-0	12-0-8	17-0-0	21-11-9	27-0-0	32-0-0	38-4-6	44-0-0 46-0-0
		3-7-13	5-0-8	4-11-9	4-11-9	5-0-8	5-0-0	6-4-6	5-7-10 2-0-0 Scale = 1:81.2



. 7	-0-0 , 1	13-6-14	20-1-12	27-0-0	30-0-3	1700	⊣
		6-6-14	6-6-14	6-10-4	9-0-5	7-11-11	
Plate Offsets (X,Y): [D:0-4-0,0-2-	8], [N:0-4-12,	0-4-8], [P:0-5-0,0)-4-8]		<u> </u>	
LOADING (psf) TCLL 20.0 TCDL 7.0	SPACING Plates Increase Lumber Incre		CSI TC 0.64 BC 0.36	Vert(TL) -	in (loc) I/defl 0.08 M-N >999 0.16 M-N >999	PLATES MII20	GRIP 249/190
BCLL 0.0 BCDL 10.0	Rep Stress In Code	or NO FBC2001	WB 0.97 (Matrix)		0.02 K n/a in l/defl = 240	Weight: 262 lb	

BRACING

TOP CHORD

BOT CHORD

44-0-0

MINIMUM REPORT A TIFIC A

MARRENCE

36-0-5

Sheathed or 4-4-15 oc purlins.

Rigid ceiling directly applied or 6-0-0 oc bracing.

LUMBER

TOP CHORD BOT CHORD 2 X 4 SYP No.2D 2 X 6 SYP No.1D

2 X 4 SYP No.3

REACTIONS (lb/size) B = 1204/0-3-8, O = 3397/0-3-8, K = 1146/0-3-8

Max Horz B = -160(load case 5)

Max UpliftB=-423(load case 4), O=-771(load case 4), K=-442(load case 5)
Max Grav B=1230(load case 6), O=3397(load case 1), K=1146(load case 1)

FORCES (Ib) - First Load Case Only

FUNCES (ID) - FIRST LOAD CASE UNITY
TOP CHORD

A-B=51, B-C=-2051, C-D=-1890, D-E=-1692, E-F=-860, F-R=1928, G-R=1928,
G-H=-386, H-I=-483, I-J=-1427, J-K=-1639, K-L=51

BOT CHORD

B-Q=1784, P-Q=1262, O-P=-326, N-O=-1186, M-N=666, K-M=1412

C-Q=-117, D-Q=409, E-Q=526, E-P=-996, F-P=1689, F-O=-2386, G-O=-1601,
C-N=1910, H-N=-425, L-N=-425, L-N=-268, L-N=-208

G-N = 1910, H-N = -425, I-N = -436, I-M = 965, J-M = -308

NOTES

NOTES

1) This truss has been checked for unbalanced loading conditions.

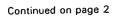
2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals exist, they are exposed to wind. If cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is STATE OF END END FROM THE STATE OF AN 2,2003 1.60

3) Provide adequate drainage to prevent water ponding.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 423 lb uplift at joint B, 771 lb uplift at joint O and 442 lb uplift at joint K.

5) Girder carries hip end with 7-0-0 end setback

LOAD CASE(S) Standard

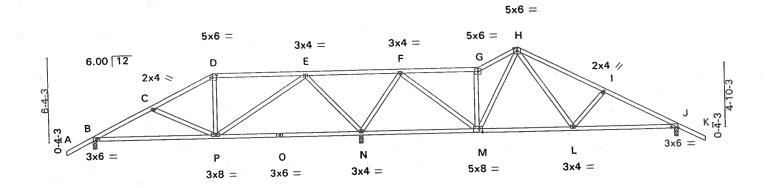
1) Regular: Lumber Increase = 1.25, Plate Increase = 1.25 Uniform Loads (plf) Vert: A-D=-54.0, D-R=-117.6, H-R=-54.0, H-I=-54.0, I-L=-54.0, B-Q=-20.0, O-Q=-43.5, N-O = -20.0, K-N = -60.0



Job	Truss	Truss Type	Qty	Ply	NORTON BLDG SCAFF RES. A509207	
L45316	T20	ROOF TRUSS	1	1	(optional) Nod Apr 20 13:23:18 2003 Page 2	
Builder's	s FirstSource, La	ke City, FI 32056, KIMBER 20 HOLSBWAGCt 17	2001 MiT	ek Indu	stries, Inc. Wed Apr 30 13:23:16 2003 Page 2	

LOAD CASE(S) Standard Concentrated Loads (Ib) Vert: Q = -474.8

ſ	Job	Truss	Truss Type		Qty	Ply	NORTON	BLDG SCAF	F KES.	A509208	
	L45316	T21	ROOF TRUSS	1 283	1.	1	(optional)		20010	2002 Page 1	
l	Builder's Firs	tSource, Lake City, F	1 32056, KIMBER 20	HOLSBWAVICT 17 20	001 MiTe	k Indus	stries, Inc.	Wed Apr 30	13:23:19	2003 Page 1	
	-2-0-Q	4-6-10 9-0-0	16-0-12	23-1-14	29-0-0	3	2-0-0	38-4-4	44-0-0	46-0-9	
	2-0-0	4-6-10 4-5-6	7-0-12	7-1-1	5-10-3	3-	-0-0	6-4-4 5-7-13	5-7-13	2-0-0 Scale = 1:81.4	



		20-	1-12		29-0-0			36-0-4	44-0-0	\dashv
	9-0-0	11-1-12			8-10-4		7-0-4		7-11-13	
Plate Offsets (X,Y): [D:0-4-0,0-2-8],	J:0-6-8,0-	0-6], [M:	0-2-12,0	-3-0]				DIATES.	GRIP
LOADING (psf) TCLL 20.0	SPACING Plates Increase Lumber Increase	2-0-0 1.25 1.25	CSI TC BC	0.52 0.67	DEFL Vert(LL) Vert(TL)	in 0.10 -0.24	(loc) J-L J-L	I/defl >999 >999	PLATES MII20	249/190
TCDL 7.0 BCLL 0.0 BCDL 10.0	Rep Stress Incr	NO BC2001	WB (Matr	0.79 ix)	Horz(TL) 1st LC LL	0.02 Min I/de	J efl = 2	n/a 40	Weight: 227 lb	92 E E

29-0-0

BRACING

TOP CHORD

BOT CHORD

LUMBER

TOP CHORD
BOT CHORD
WEBS

2 X 4 SYP No.2D
2 X 4 SYP No.2D
2 X 4 SYP No.3

REACTIONS (lb/size) B = 603/0-3-8, N = 2270/0-3-8, J = 1187/0-3-8

Max Horz B = -158(load case 5)
Max UpliftB = -283(load case 4), N = -668(load case 4), J = -453(load case 5) Max Grav B = 634(load case 6), N = 2270(load case 1), J = 1187(load case 1)

TOP CHORD A-B=47, B-C=-695, C-D=-441, D-E=-348, E-F=1121, F-G=-752, G-H=-863, H-I=-1470,

1-J = -1668, J-K = 47

B-P=571, O-P=-352, N-O=-352, M-N=-323, L-M=756, J-L=1450 C-P=-241, D-P=-147, E-P=838, E-N=-1153, F-N=-1449, F-M=1363, G-M=-559, BOT CHORD

WEBS H-M=-9, H-L=877, I-L=-319

- 1) This truss has been checked for unbalanced loading conditions.

 1) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level

 2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level

 3, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals exist, they are not exposed to wind. If cantilevers exist, they are not exposed to wind. The lumber DOI increase is 1.60 and the plate grip increase is exist, they are not exposed to wind. The lumber DOL increase is 1.60, and the plate grip increase is
- 3) Provide adequate drainage to prevent water ponding.
 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 283 lb uplift at joint B, 668 lb uplift at joint N and 453 lb uplift at joint J.

LOAD CASE(S) Standard

1) Regular: Lumber Increase = 1.25, Plate Increase = 1.25 Uniform Loads (plf)

Vert: A-D=-54.0, D-G=-54.0, G-H=-54.0, H-K=-54.0, B-M=-20.0, J-M=-60.0



44-0-0

36-0-4

Sheathed or 4-7-14 oc purlins.

Rigid ceiling directly applied or 6-0-0 oc bracing.