

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG.- SCAFF RES.	A509194
L45316	T07	ROOF TRUSS	1	1	(optional)	

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER, Oct 17 2001 MiTek Industries, Inc. Wed Apr 30 13:22:58 2003 Page 1

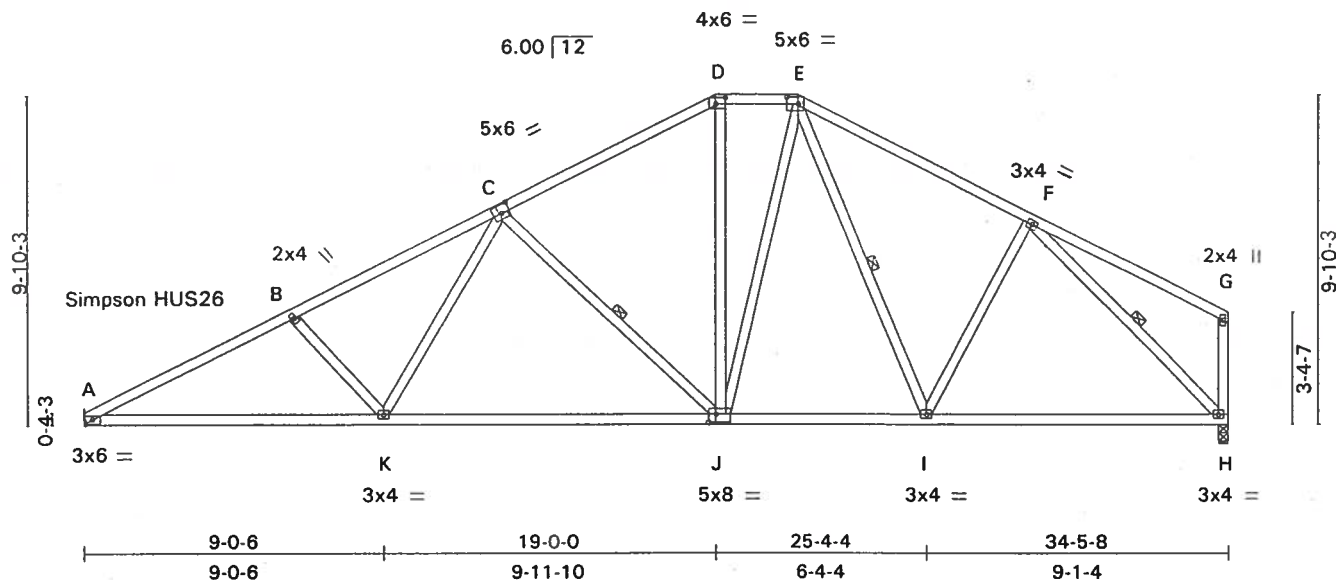


Plate Offsets (X,Y): [C:0-3-0,0-3-0], [D:0-3-8,0-2-4], [E:0-4-0,0-2-8], [J:0-2-12,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.29	Vert(LL)	0.12	A-K	>999	MII20	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.65	Vert(TL)	-0.29	J-K	>999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.69	Horz(TL)	0.07	H	n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min I/defl	= 240			Weight: 207 lb	

LUMBER

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 Sheathed or 3-11-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-3-14 oc bracing.
WEBS 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 Uplift A = -344(load case 4), H = -271(load case 5)

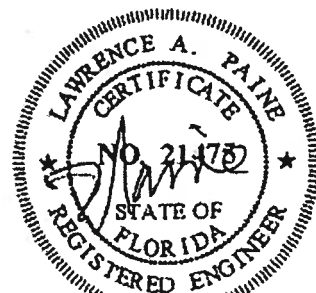
FORCES (lb) - First Load Case Only

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

NOTES

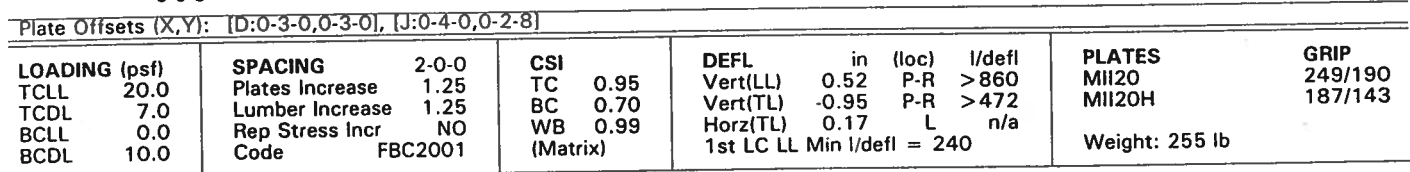
- 1) This truss has been checked for unbalanced loading conditions.
- 2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001 If end verticals 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.

LOAD CASE(S) Standard



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Builder's FirstSource, Lake City, FL 32056, KIMBERLY-HOLSBROOK, Inc. Oct 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:00 2003 Page 1

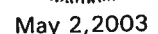


BRACING	
TOP CHORD	Sheathed or 1-4-10 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 5-8-12 oc bracing.
WEBS	1 Row at midpt I-M
	2 Rows at 1/3 pts B-U, G-O

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
WEBS 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

- 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 M120 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	Truss Type	Qty	Ply	NORTON BLDG.- SCAFF RES.	A509195
L45316	T08	ROOF TRUSS	1	1	(optional)	

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LOAD CASE(S) Standard

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

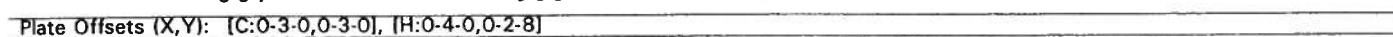
Uniform Loads (plf)

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

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LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.2D	TOP CHORD	Sheathed or 3-7-12 oc purlins, except end verticals.
BOT CHORD	2 X 4 SYP No.2D	BOT CHORD	Rigid ceiling directly applied or 7-5-7 oc bracing.
WEBS	2 X 4 SYP No.3 *Except*	WEBS	1 Row at midpt B-P
	I-J 2 X 4 SYP No.2D		

FORCES (lb) - First Load Case Only
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, 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

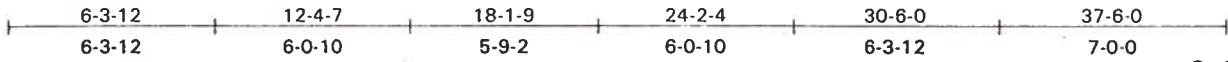
- 1) This truss has been checked for unbalanced loading conditions.
- 2) This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, 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.

A circular professional seal for Lawrence A. Paine, a Registered Engineer in the State of Florida. The seal features the text "LAWRENCE A. PAINE" at the top, "CERTIFICATE" below it, and "REGISTERED ENGINEER" at the bottom. In the center, it says "STATE OF FLORIDA" and "NO. 21478". A signature is written across the center of the seal.

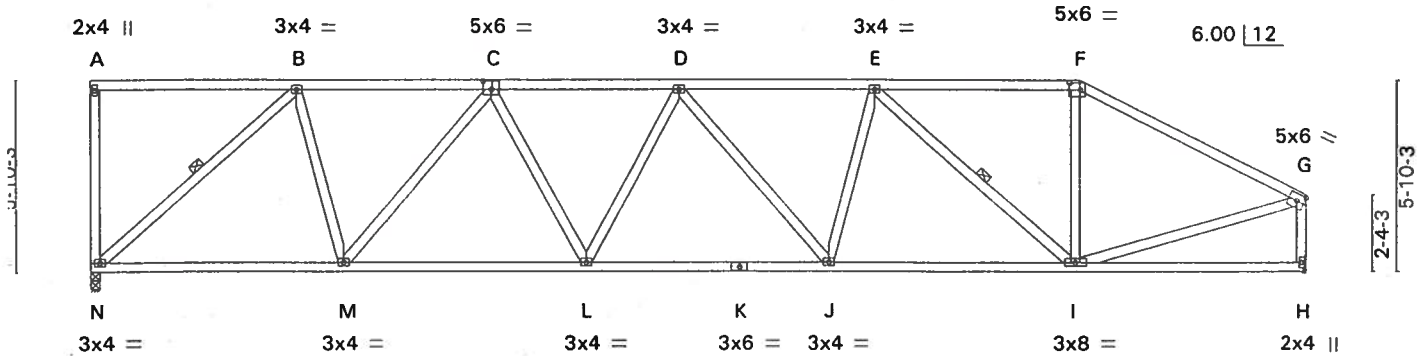
May 2, 2003

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG.- SCAFF RES.	A509197
L45316	T10	ROOF TRUSS	1	1	(optional)	

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER, Oct 17 2001, Mitek Industries, Inc. Wed Apr 30 13:23:03 2003 Page 1



Scale = 1:66.5



Simpson HUS26

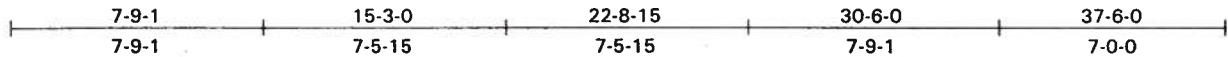


Plate Offsets (X,Y): [C:0-3-0,0-3-0], [F:0-4-0,0-2-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.35	Vert(LL)	0.13	J-L	>999	MII20	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.51	Vert(TL)	-0.26	J-L	>999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.87	Horz(TL)	0.08	H	n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min l/defl	= 240			Weight: 220 lb	

LUMBER

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 Sheathed or 4-3-4 oc purlins, except end verticals.
 BOT CHORD 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 Uplift N = -455(load case 2), H = -339(load case 2)

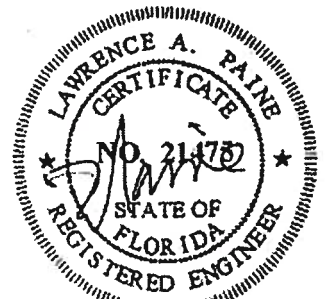
FORCES (lb) - First Load Case Only

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

- 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.
- Provide adequate drainage to prevent water ponding.
- 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



May 2, 2003

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG.- SCAFF RES.	
L45316	T11	ROOF TRUSS	1	1	(optional)	A509198

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLTZMAN Oct 17 2001 Mitek Industries, Inc. Wed Apr 30 13:23:04 2003 Page 1

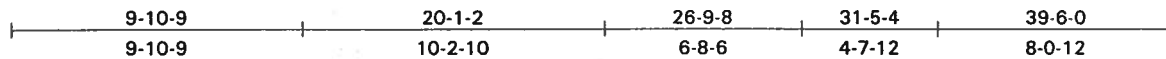
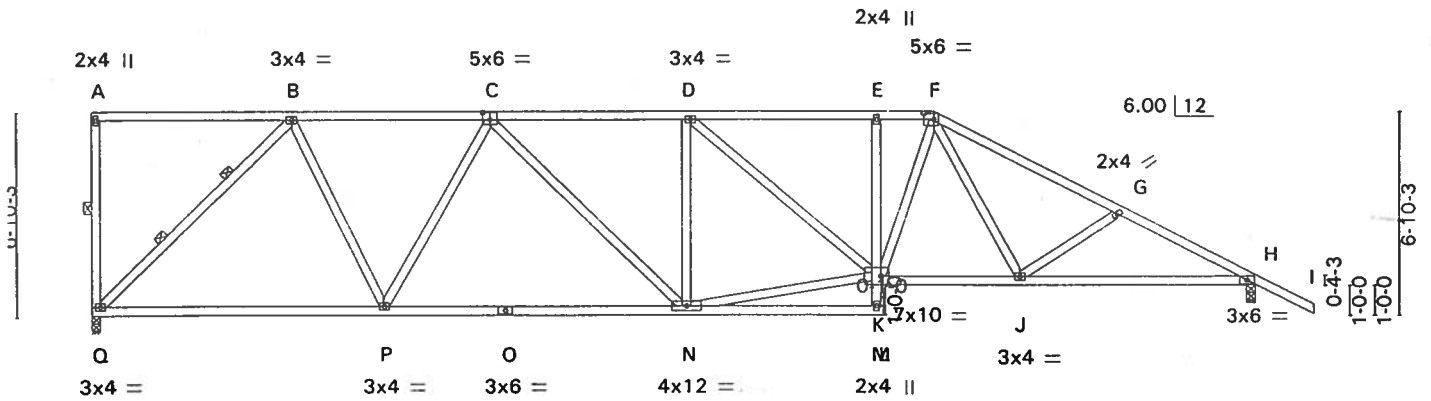
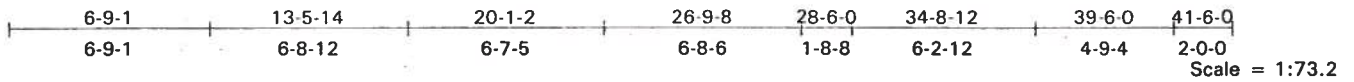


Plate Offsets (X,Y): [C:0-3-0,0-3-0], [F:0-4-0,0-2-8], [K:0-3-4,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.40	Vert(LL)	-0.14	J-K	>999	MII20	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.55	Vert(TL)	-0.38	N-P	>999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.69	Horz(TL)	0.10	H	n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min I/defl	= 240			Weight: 243 lb	

LUMBER
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 Sheathed or 3-10-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-11-11 oc bracing.
Except:
1 Row at midpt E-K
1 Row at midpt A-Q
2 Rows at 1/3 pts B-Q

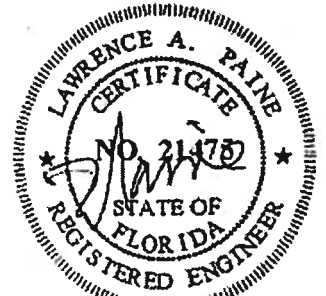
REACTIONS (lb/size) Q = 1449/0-3-8, H = 1573/0-3-8
Max Horz Q = -265(load case 5)
Max Uplift Q = -464(load case 2), H = -376(load case 5)

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 = 47
BOT 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
WEBS B-Q = -1697, B-P = 904, C-P = -688, C-N = 354, D-N = -397, K-N = 2046, D-K = 45, F-K = 562,
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 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.
- 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.

LOAD CASE(S) Standard



May 2, 2003

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG.- SCAFF RES.	A509199
L45316	T12	ROOF TRUSS	1	1	(optional)	

Builder's FirstSource, Lake City, FL 32056, KIMBER 20 HOLDING CO. Oct 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:06 2003 Page 1

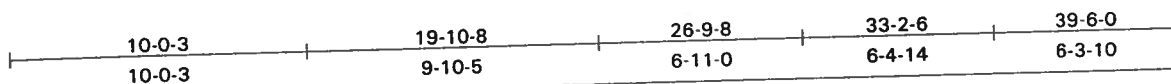
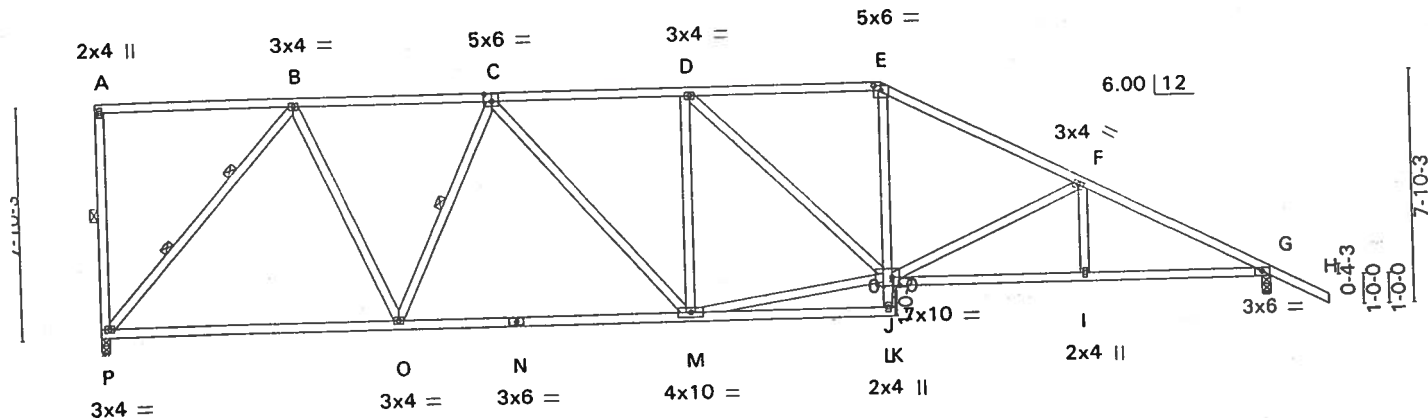
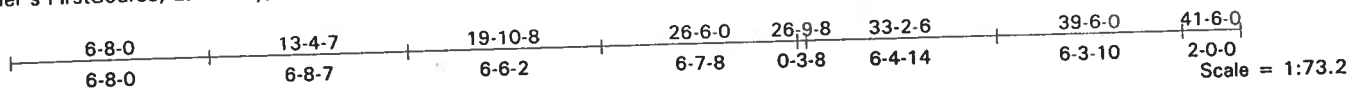


Plate Offsets (X,Y): [C:0-3-0,0-3-0], [E:0-3-0,0-2-0], [J:0-3-4,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.37	Vert(LL)	-0.13	I-J	>999	MII20	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.53	Vert(TL)	-0.32	M-O	>999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.58	Horz(TL)	0.10	G	n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min I/defl	= 240			Weight: 246 lb	

LUMBER
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 Sheathed or 3-9-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-10-12 oc bracing.
WEBS 1 Row at midpt A-P, C-O
2 Rows at 1/3 pts B-P

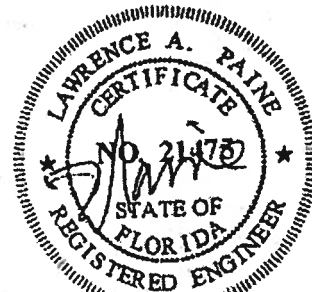
REACTIONS (lb/size) P=1449/0-3-8, G=1573/0-3-8
Max Horz P=-303(load case 5)
Max Uplift P=-458(load case 2), G=-396(load case 5)

FORCES (lb) - 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,
G-H=47
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,
G-I=2406
WEBS B-P=-1582, B-O=898, C-O=-666, C-M=338, D-M=-360, D-J=14, J-M=1796, F-J=-510,
F-I=145

NOTES

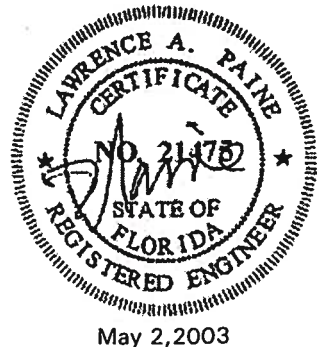
- This truss has been designed for the wind loads generated by 110 mph winds at 15 ft above ground level, using 5.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-98 per FBC2001. 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 458 lb uplift at joint P and 396 lb uplift at joint G.

LOAD CASE(S) Standard



May 2, 2003

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER, Oct 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:07 2003 Page 1



Job	Truss	Truss Type	Qty	Ply	NORTON BLDG. - SCAFF RES.	A509201
L45316	T14	ROOF TRUSS	1	1	(optional)	

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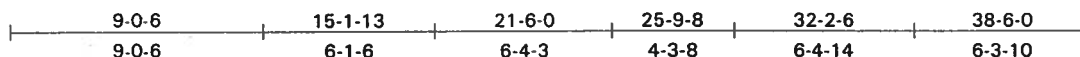
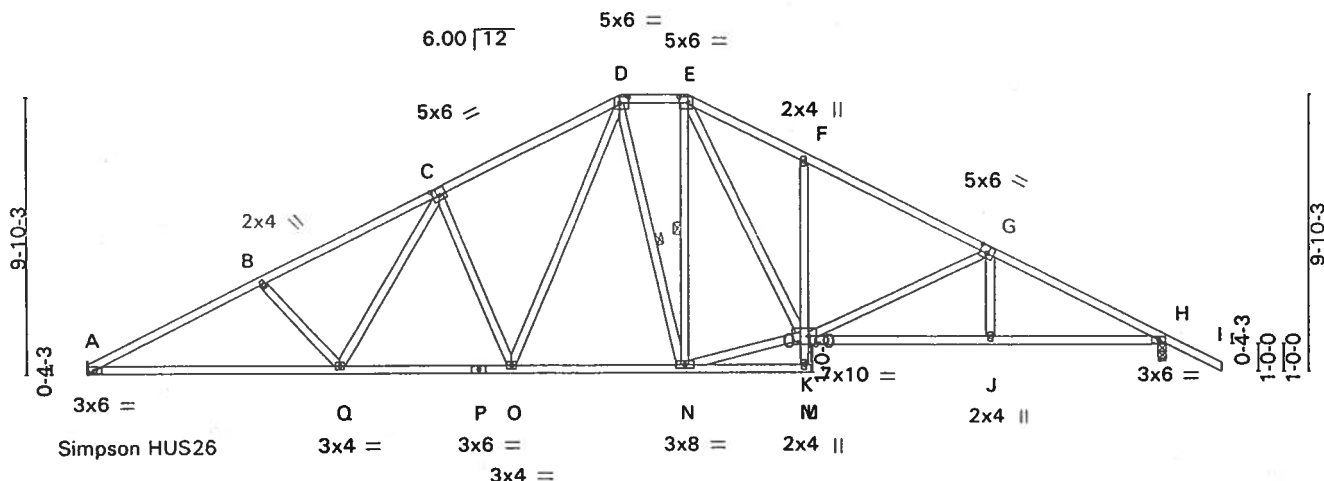
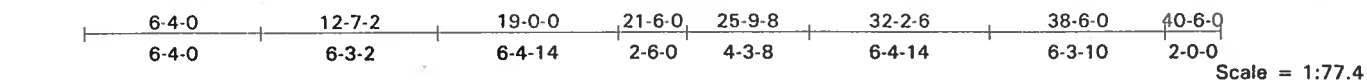


Plate Offsets (X,Y): [C:0-3-0,0-3-0], [D:0-4-0,0-2-8], [E:0-4-0,0-2-8], [G:0-3-0,0-3-0], [K:0-3-4,Edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.42	Vert(LL)	-0.14	J-K >999	M120	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.57	Vert(TL)	-0.32	A-Q >999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.54	Horz(TL)	0.11	H n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min I/defl	= 240		Weight: 239 lb	

LUMBER

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 Sheathed or 3-6-14 oc purlins.
BOT CHORD 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.
1 Row at midpt F-K
WEBS 1 Row at midpt D-N, E-N

REACTIONS (lb/size) A = 1415/Mechanical, H = 1539/0-3-8
Max Horz A = -199(load case 5)
Max Uplift A = -374(load case 4), H = -445(load case 5)

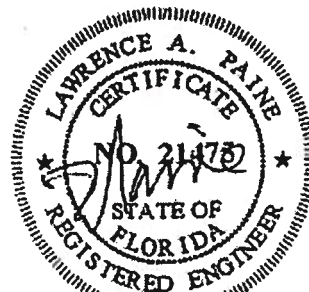
FORCES (lb) - First Load Case Only

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
WEBS 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

- 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.
- 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.

LOAD CASE(S) Standard



May 2, 2003

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER, Oct 17 2001 MITek Industries, Inc. Wed Apr 30 13:23:11 2003 Page 1



LUMBER		BRACING	
TOP CHORD	2 X 4 SYP No.2D	TOP CHORD	Sheathed or 3-5-11 oc purlins.
BOT CHORD	2 X 4 SYP No.2D	BOT CHORD	Rigid ceiling directly applied or 7-4-14 oc bracing.
WEBS	2 X 4 SYP No.3		Except:

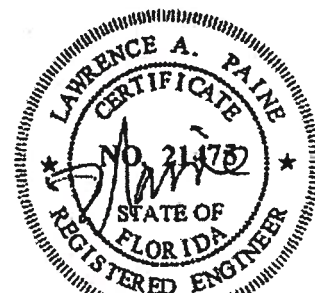
BRACING	
TOP CHORD	Sheathed or 3-5-11 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 7-4-14 oc bracing.
	Except:
	1 Row at midpt E-I
WEBS	1 Row at midpt C-L

REACTIONS (lb/size) A = 1418/Mechanical, G = 1420/0-3-8
Max Horz A = 221(load case 4)
Max Uplift A = -360(load case 4), G = -340(load case 5)

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

- 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 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



May 2, 2003

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG. - SCAFF RES.	A509203
L45316	T16	ROOF TRUSS	1	1	(optional)	

Builder's FirstSource, Lake City, FL 32056, KIMBER 20 HOLDING CO. Oct 17 2001 Mitek Industries, Inc. Wed Apr 30 13:23:12 2003 Page 1



Scale = 1:45.5

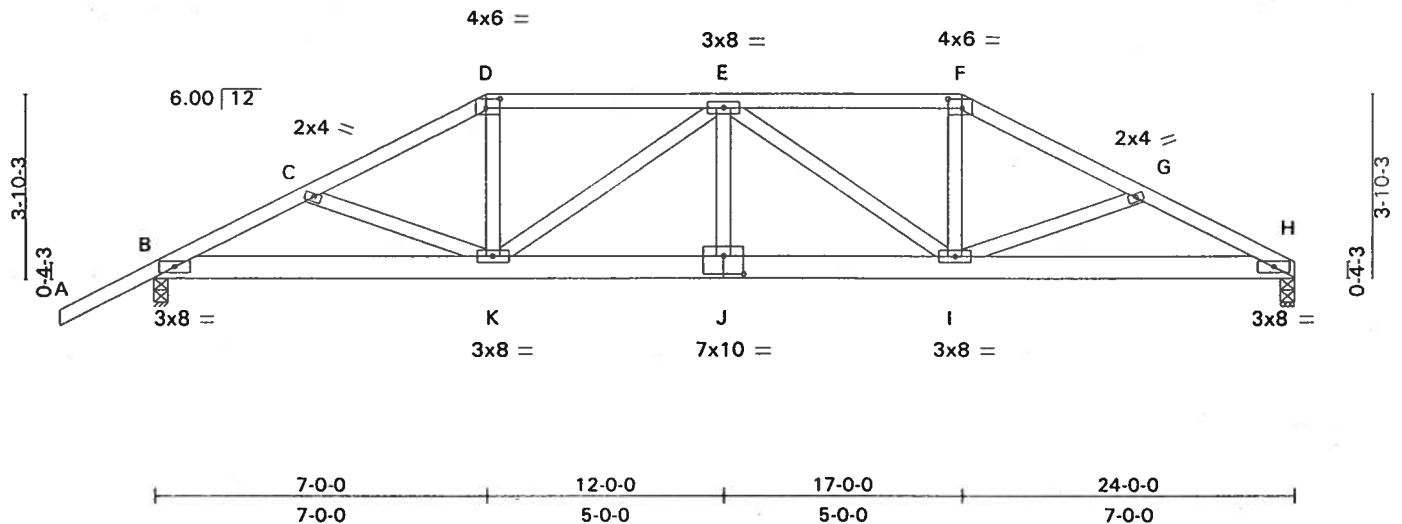


Plate Offsets (X,Y): [D:0-3-8,0-2-4], [F:0-3-8,0-2-4], [J:0-5-0,0-4-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.41	Vert(LL)	0.15	J > 999	MII20	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.46	Vert(TL)	-0.22	J > 999		
BCLL 0.0	Rep Stress Incr	NO	WB 0.48	Horz(TL)	0.06	H n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min I/defl	= 240		Weight: 140 lb	

LUMBER

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

BRACING

TOP CHORD Sheathed or 3-3-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-10-0 oc bracing.

REACTIONS (lb/size) H = 1779/0-3-8, B = 1905/0-3-8
Max Horz B = 132(load case 4)
Max Uplift H = -635(load case 4), B = -845(load case 4)

FORCES (lb) - First Load Case Only

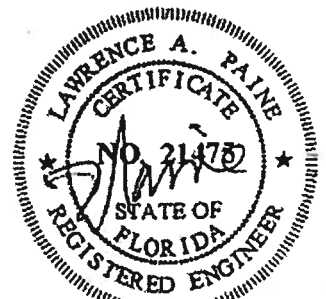
TOP CHORD A-B = 51, B-C = -3559, C-D = -3422, D-E = -3093, E-F = -3114, F-G = -3446, G-H = -3598
BOT CHORD B-K = 3121, J-K = 3684, I-J = 3684, H-I = 3162
WEBS C-K = -79, D-K = 1090, E-K = -727, E-J = 221, E-I = -702, F-I = 1103, G-I = -102

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 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



May 2, 2003

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG.- SCAFF RES.	
L45316	T17	ROOF TRUSS	1	1	(optional)	A509204

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER Oct 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:13 2003 Page 1

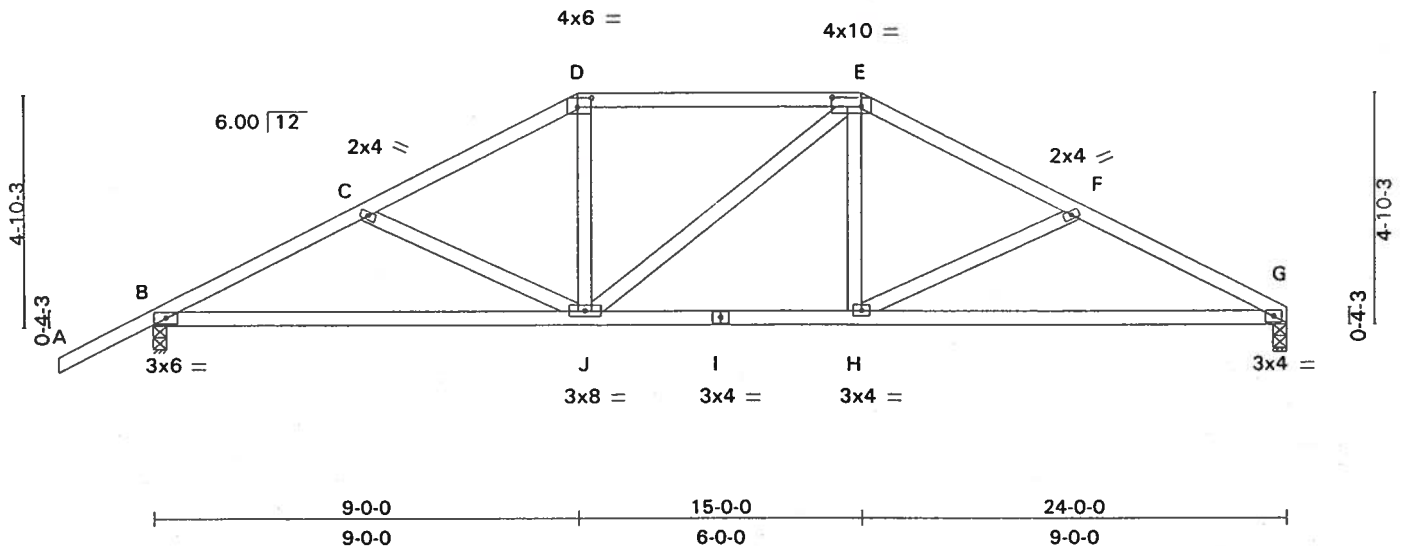
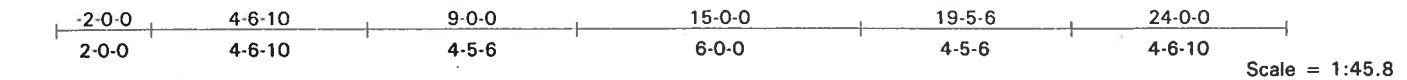


Plate Offsets (X,Y): [D:0-3-8,0-2-4], [E:0-7-8,0-2-4]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.28	Vert(LL)	0.05	H-J	>999	MII20	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.37	Vert(TL)	-0.21	G-H	>999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.13	Horz(TL)	0.04	G	n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min l/defl	= 240			Weight: 116 lb	

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

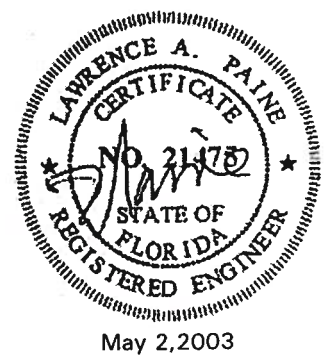
BRACING
TOP CHORD Sheathed or 4-11-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	NORTON BLDG. - SCAFF RES.	A509205
L45316	T18	ROOF TRUSS	1	1	(optional)	

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLDINGS, Inc. Oct 17 2001 Mitek Industries, Inc. Wed Apr 30 13:23:15 2003 Page 1

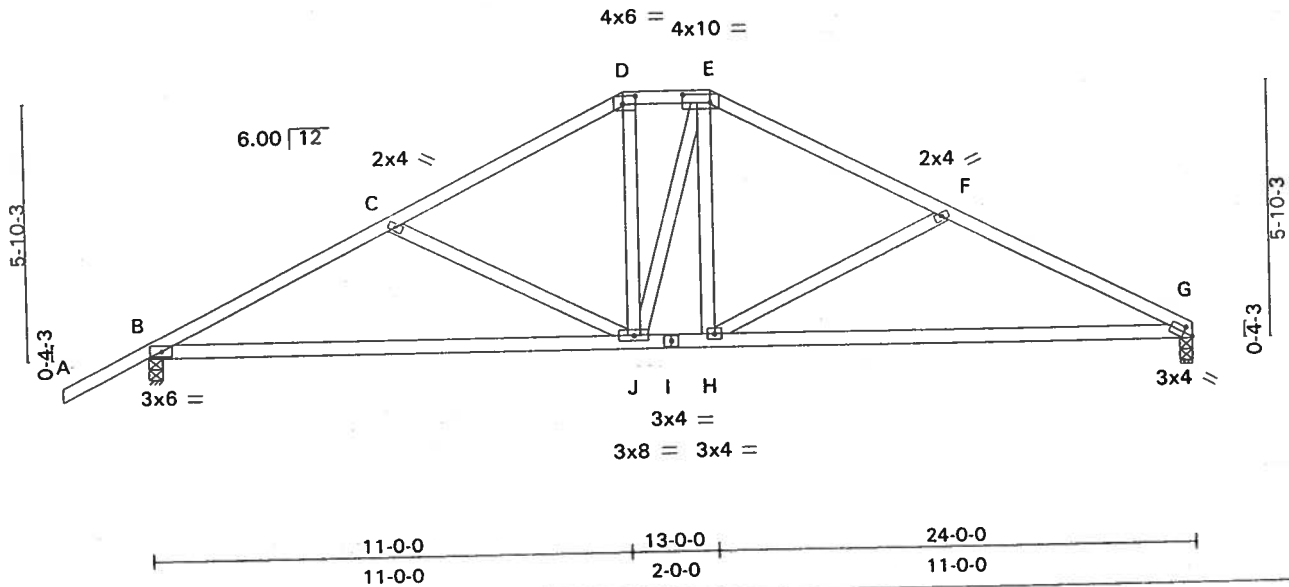
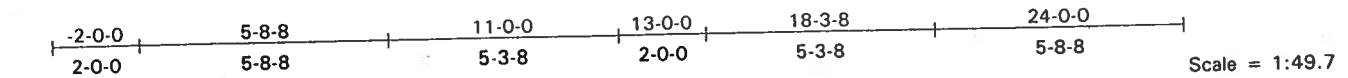


Plate Offsets (X,Y): [D:0-3-8,0-2-4], [E:0-7-8,0-2-4], [G:0-2-10,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	l/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.32	Vert(LL)	0.07	G-H	>999	M120	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.49	Vert(TL)	-0.35	G-H	>802		
BCLL 0.0	Rep Stress Incr	YES	WB 0.26	Horz(TL)	0.04	G	n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min l/defl	= 240			Weight: 121 lb	

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

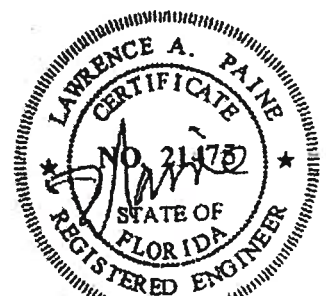
REACTIONS (lb/size) G=872/0-3-8, B=998/0-3-8
Max Horz B=166(load case 4)
Max Uplift G=-210(load case 5), B=-349(load case 4)

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

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 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



May 2, 2003

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG.- SCAFF RES.	
L45316	T19	ROOF TRUSS	1	1	(optional)	A509206

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER Oct 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:16 2003 Page 1

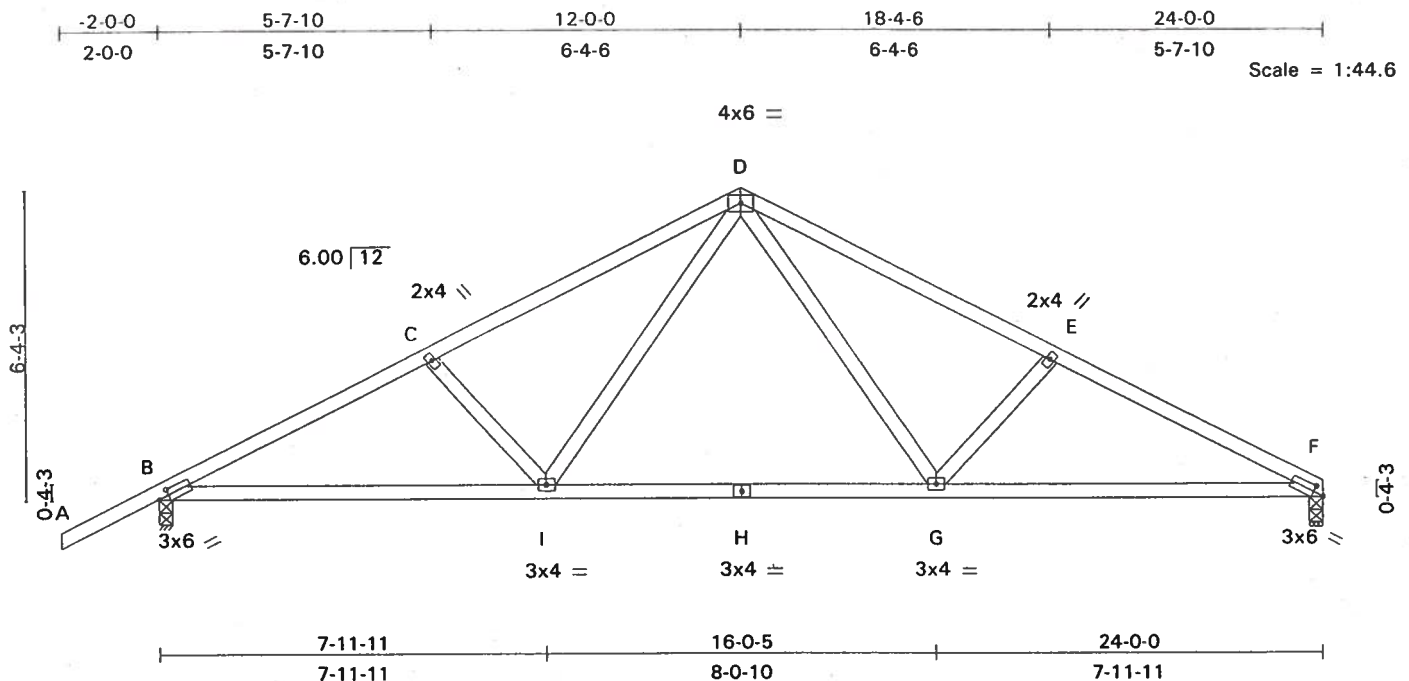


Plate Offsets (X,Y): [B:0-2-10,0-1-8], [F:0-2-10,0-1-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	I/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.45	Vert(LL)	0.15	F-G >999	MII20	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.80	Vert(TL)	-0.30	F-G >961		
BCLL 0.0	Rep Stress Incr	NO	WB 0.29	Horz(TL)	0.06	F n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min I/defl	= 240		Weight: 111 lb	

LUMBER

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 Sheathed or 3-9-8 oc purlins.
BOT CHORD 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 Uplift F = -375(load case 5), B = -494(load case 4)

FORCES (lb) - First Load Case Only

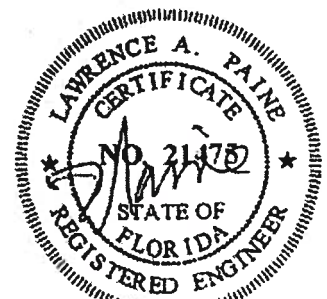
TOP CHORD A-B = 47, B-C = -2280, C-D = -2088, D-E = -2109, E-F = -2304
BOT CHORD B-I = 1991, H-I = 1322, G-H = 1322, F-G = 2019
WEBS C-I = -293, D-I = 860, D-G = 891, E-G = -309

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



May 2, 2003

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG. SCAFF RES.	A509207
L45316	T20	ROOF TRUSS	1	1	(optional)	

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER Oct 17 2001 MiTek Industries, 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
2-0-0	3-4-3	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

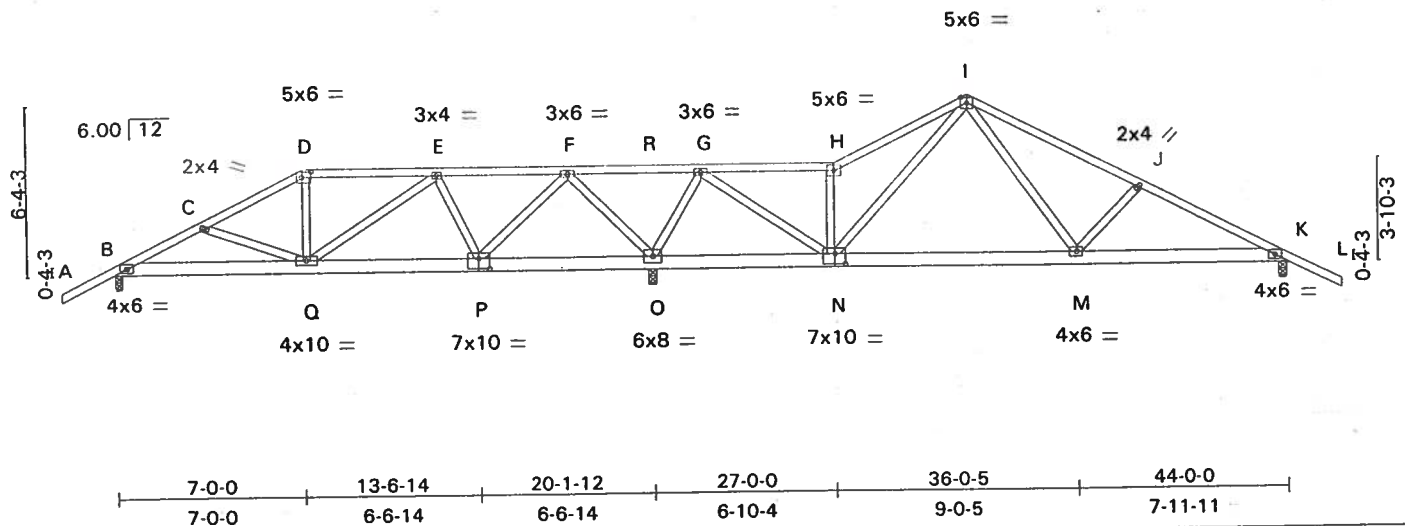


Plate Offsets (X,Y): [D:0-4-0,0-2-8], [N:0-4-12,0-4-8], [P:0-5-0,0-4-8]									
LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.64	Vert(LL)	0.08	M-N	>999	MII20	249/190
TCDL 7.0	Lumber Increase	1.25	BC 0.36	Vert(TL)	-0.16	M-N	>999		
BCLL 0.0	Rep Stress Incr	NO	WB 0.97	Horz(TL)	0.02	K	n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min I/defl	= 240			Weight: 262 lb	

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

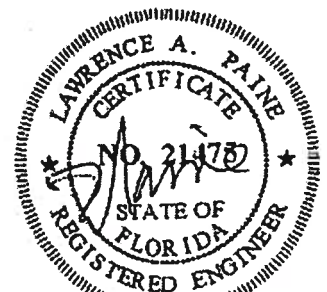
BRACING
 TOP CHORD Sheathed or 4-4-15 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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 Uplift B = -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 (lb) - First Load Case Only
 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
 WEBS C-Q = -117, D-Q = 409, E-Q = 526, E-P = -996, F-P = 1689, F-O = -2386, G-O = -1601,
 G-N = 1910, H-N = -425, I-N = -436, I-M = 965, J-M = -308

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 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



May 2, 2003

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

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG.- SCAFF RES.	A509207
L45316	T20	ROOF TRUSS	1	1	(optional)	

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER Oct 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:18 2003 Page 2

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

Job	Truss	Truss Type	Qty	Ply	NORTON BLDG. SCAFF RES.	A509208
L45316	T21	ROOF TRUSS	1	1	(optional)	

Builder's FirstSource, Lake City, FL 32056, KIMBERLY HOLSINGER Oct 17 2001 MiTek Industries, Inc. Wed Apr 30 13:23:19 2003 Page 1

2-0-0	4-6-10	9-0-0	16-0-12	23-1-14	29-0-0	32-0-0	38-4-4	44-0-0	46-0-0
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	2-0-0

Scale = 1:81.4

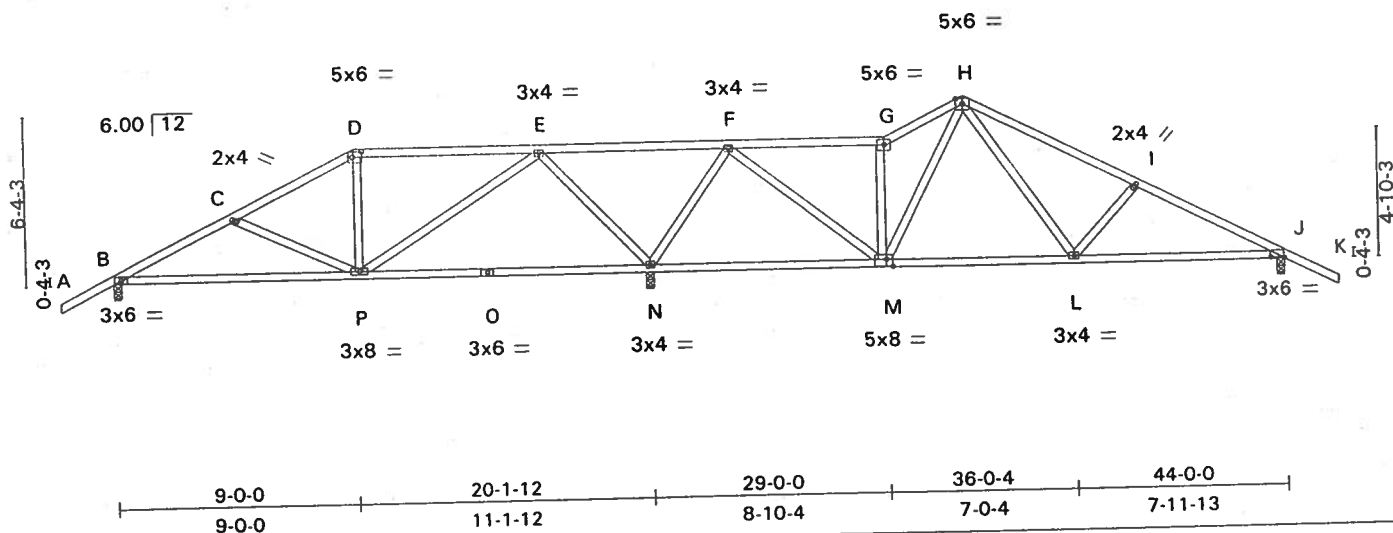


Plate Offsets (X,Y): [D:0-4-0,0-2-8], [J:0-6-8,0-0-6], [M:0-2-12,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	PLATES	GRIP
TCLL 20.0	Plates Increase	1.25	TC 0.52	Vert(LL)	0.10	J-L	>999	MII20	249/190
TCCL 7.0	Lumber Increase	1.25	BC 0.67	Vert(TL)	-0.24	J-L	>999		
BCCL 0.0	Rep Stress Incr	NO	WB 0.79	Horz(TL)	0.02	J	n/a		
BCDL 10.0	Code	FBC2001	(Matrix)	1st LC LL Min I/defl	= 240			Weight: 227 lb	

LUMBER
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 Sheathed or 4-7-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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 Uplift B=-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)

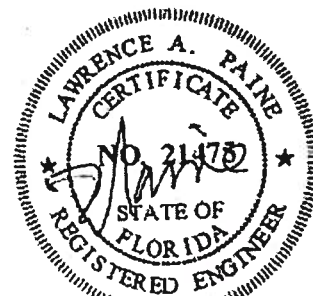
FORCES (lb) - First Load Case Only
TOP CHORD A-B=47, B-C=-695, C-D=-441, D-E=-348, E-F=1121, F-G=-752, G-H=-863, H-I=-1470,
I-J=-1668, J-K=47
BOT CHORD B-P=571, O-P=-352, N-O=-352, M-N=-323, L-M=756, J-L=1450
WEBS C-P=-241, D-P=-147, E-P=838, E-N=-1153, F-N=-1449, F-M=1363, G-M=-559,
H-M=-9, H-L=877, I-L=-319

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 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



May 2, 2003