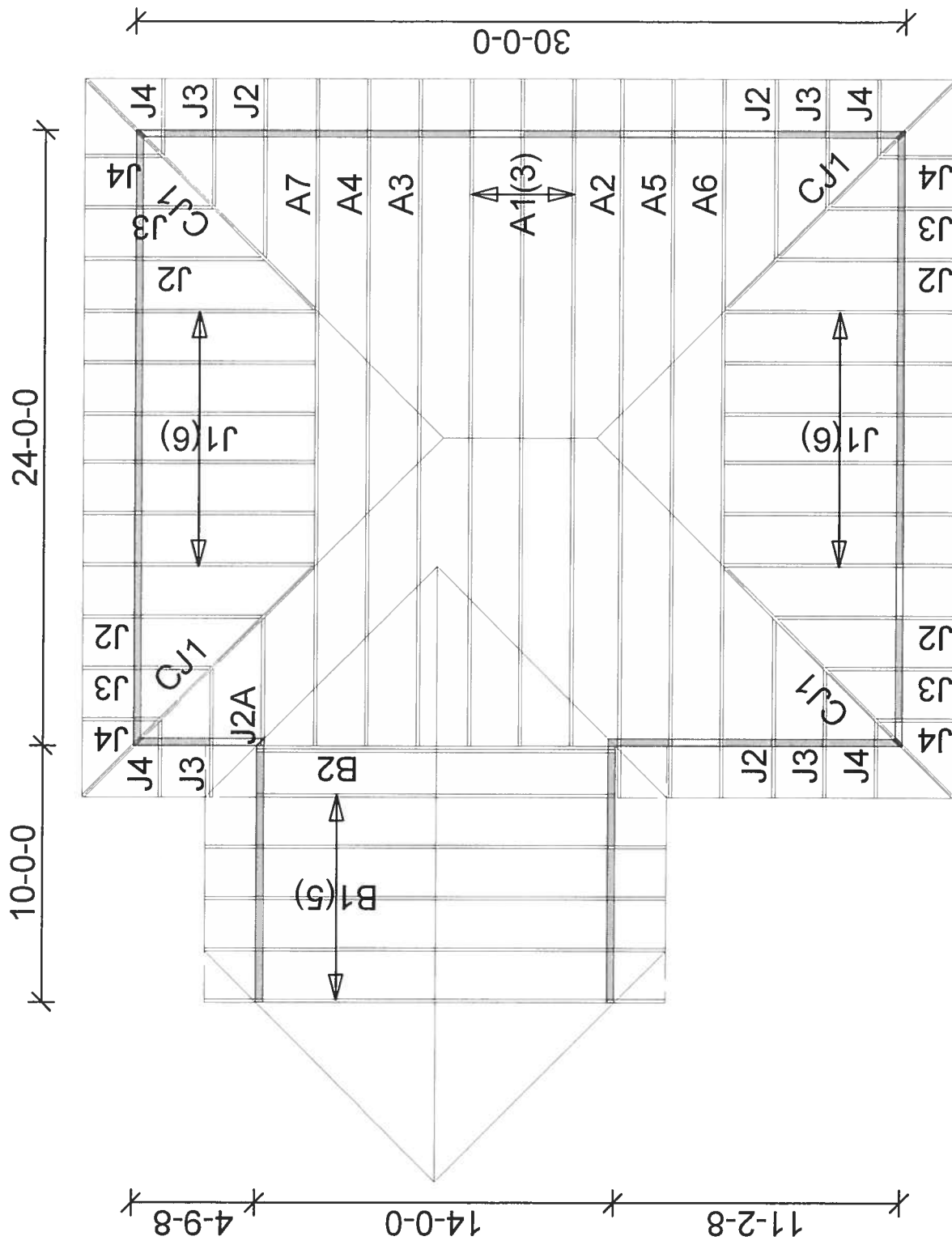




Mayo Truss Co. Inc. 845 East US 27 MAYO, FL 32066 (386)294-3988 (877)-558-6262	K & H FRAMING KEEN ADDITION 110 MPH ASCE WIND LOAD	Roof Loading TC Live: 20.00 psf TC Dead: 10.00 psf BC Live: 0.00 psf BC Dead: 10.00 psf TC Stress Inc: 25.00 BC Stress Inc: 25.00 Spacing: 2- 0- 0 o.c.	Account: CONTRACTORS Job: KH-KEEN Designer: M.MURRAY Checker: M.MURRAY Date: 09-26-07
--	---	--	--



RE: KH-KEEN -

Site Information:

Project Customer: K & H FRAMING Project Name: KEEN ADDITION

Lot/Block: KH - KEEN

Subdivision: -

Address: -

City: COLUMBIA COUNTY

State: FL

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name:

License #:

Address:

City:

State:

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code: FBC2004/TPI2002

Design Program: Robbins OnLine Plus 21.0.060

Wind Code: ASCE 7-02 Wind Speed: 110 mph

Floor Load: N/A psf

Roof Load: 40.0 psf

This package includes 15 individual, dated Truss Design Drawings and 0 Additional Drawings.

With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T2694948	A1	9/24/07
2	T2694949	A2	9/24/07
3	T2694950	A3	9/24/07
4	T2694951	A4	9/24/07
5	T2694952	A5	9/24/07
6	T2694953	A6	9/24/07
7	T2694954	A7	9/24/07
8	T2694955	B1	9/24/07
9	T2694956	B2	9/24/07
10	T2694957	CJ1	9/24/07
11	T2694958	J1	9/24/07
12	T2694959	J2	9/24/07
13	T2694960	J2A	9/24/07
14	T2694961	J3	9/24/07
15	T2694962	J4	9/24/07

The truss drawing(s) referenced above have been prepared by Robbins Engineering, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name: Albani, Thomas

My license renewal date for the state of Florida is February 28, 2009.

NOTE: The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1 Sec. 2.

6904 Parke East Boulevard
Tampa, FL 33610-4115
Phone: 813-972-1135 • Fax: 813-971-6117
www.robbinseng.com

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Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert #5555

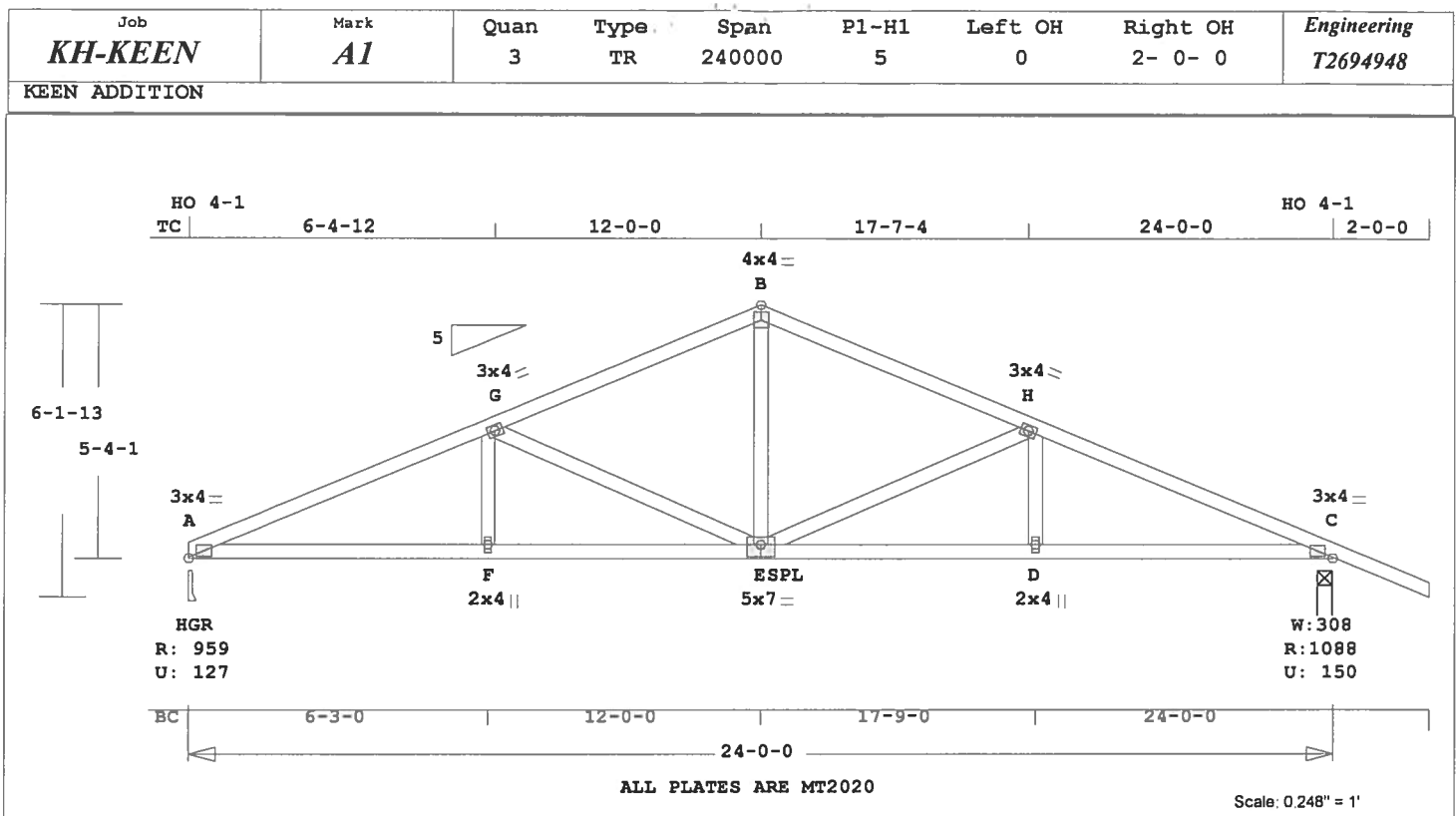
DALLAS

TAMPA

FT. WORTH
Albani. Thomas

September 24, 2007

1 of 2



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 139.5 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

	CSI	-Size-	-----Lumber----
TC	0.36	2x 4	SP-#2
BC	0.40	2x 4	SP-#2
WB	0.30	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	24- 0- 0	
BC Cont.	0- 0- 0	24- 0- 0	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.15	Fc=1.10	Ft=1.10
BC Fb=1.10	Fc=1.10	Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	960	128 U	86 R
C	1088	150 U	86 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -G	0.36	1848 C	0.11	0.25
G -B	0.33	1251 C	0.08	0.25
B -H	0.33	1251 C	0.08	0.25
H -C	0.36	1848 C	0.11	0.25
-----Bottom Chords-----				

	A -F	0.40	1711 T	0.28	0.12
	F -E	0.38	1711 T	0.28	0.10
	E -D	0.38	1711 T	0.28	0.10
	D -C	0.40	1711 T	0.28	0.12
-----Webs-----					
	F -G	0.03	237 T		
	G -E	0.30	617 C		
	E -B	0.11	632 T		
	E -H	0.30	617 C		
	D -H	0.03	237 T		
TL Defl	-0.15"	in E -D	L/999		
LL Defl	-0.07"	in E -D	L/999		
Shear // Grain	in A -G	0.22			

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 4.0 Ctr Ctr 0.86
G MT20 3.0x 4.0 Ctr Ctr 0.60
B MT20 4.0x 4.0 Ctr Ctr 0.71
H MT20 3.0x 4.0 Ctr Ctr 0.60
C MT20 3.0x 4.0 Ctr Ctr 0.86
F MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 5.0x 7.0 Ctr-0.5 0.62
D MT20 2.0x 4.0 Ctr Ctr 0.38

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1848 Lbs
Max tens. force 1711 Lbs
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
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6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

September 24,2007

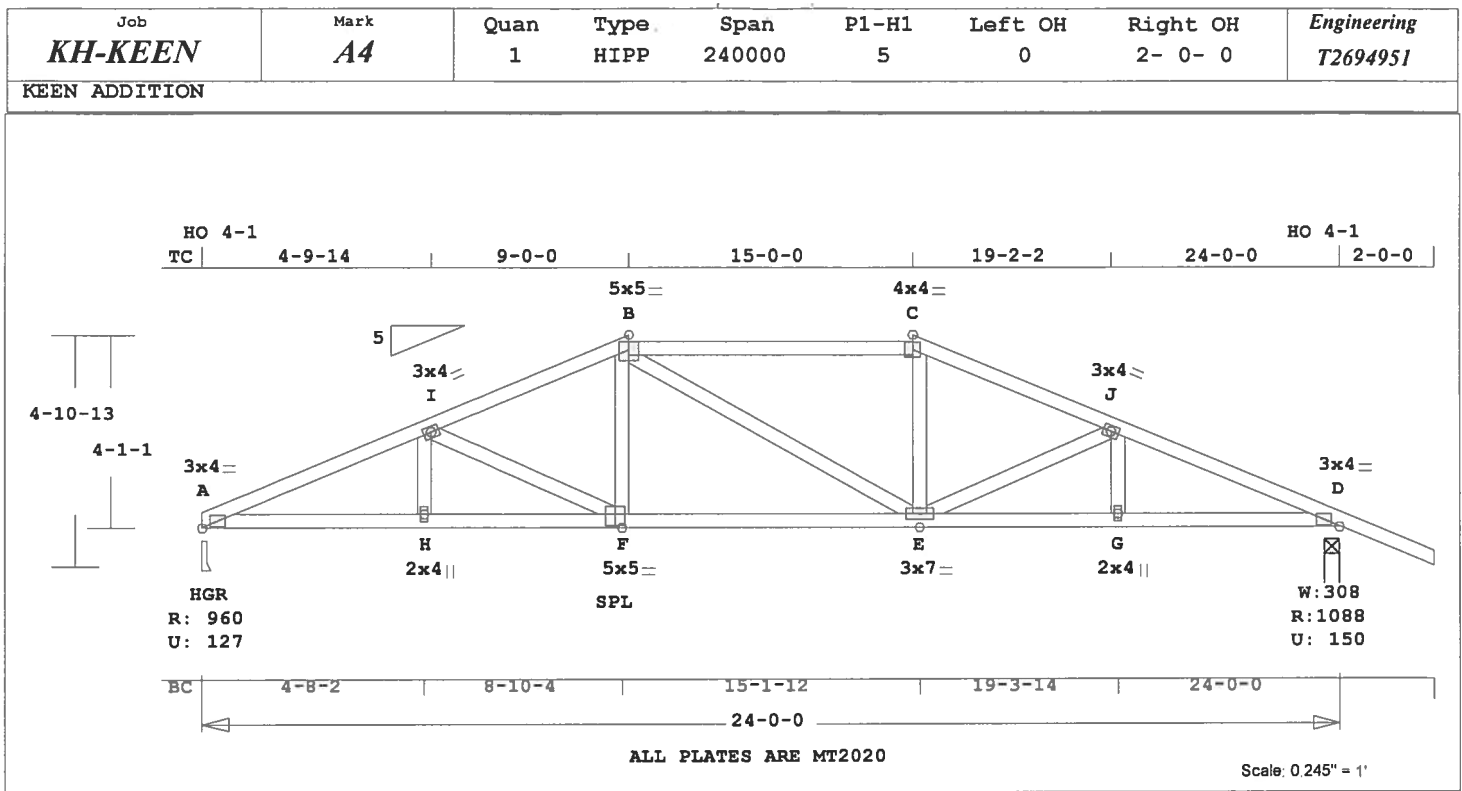
KEEN ADDITION



Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ © 1995-2007 Version 21.0 060 Engineering - Portrait 9/24/2007 4:32:31 PM Page 1



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 146.8 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

CSI	-Size-	-----Lumber-----
TC	0.46	2x 4 SP-#2
BC	0.40	2x 4 SP-#2
WB	0.08	2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	24- 0- 0	
BC Cont.	0- 0- 0	24- 0- 0	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.15	Fc=1.10	Ft=1.10
BC Fb=1.10	Fc=1.10	Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	960	128 U	63 R
D	1088	150 U	63 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd

-----Top Chords-----					
A -I	0.23	1917 C	0.11	0.12	
I -B	0.34	1572 C	0.01	0.33	
B -C	0.46	1466 C	0.02	0.44	
C -J	0.30	1577 C	0.01	0.29	
J -D	0.23	1916 C	0.11	0.12	
-----Bottom Chords-----					

A -H	0.36	1766 T	0.29	0.07
H -F	0.37	1766 T	0.29	0.08
F -E	0.35	1456 T	0.24	0.11
E -G	0.40	1766 T	0.29	0.11
G -D	0.36	1766 T	0.29	0.07
-----Webs-----				
H -I	0.02	142 T		
I -F	0.08	334 C		
F -B	0.05	328 T		
B -E	0.04	72 T		
E -C	0.05	327 T		
E -J	0.08	331 C		
G -J	0.02	139 T		

TL Defl -0.18" in F -E L/999
LL Defl -0.08" in F -E L/999
Shear // Grain in B -C 0.22

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI

A	MT20	3.0x 4.0	Ctr Ctr	0.86
I	MT20	3.0x 4.0	Ctr Ctr	0.60
B	MT20	5.0x 5.0	Ctr-0.3	0.56
C	MT20	4.0x 4.0	Ctr Ctr	0.70
J	MT20	3.0x 4.0	Ctr Ctr	0.60
D	MT20	3.0x 4.0	Ctr Ctr	0.86
H	MT20	2.0x 4.0	Ctr Ctr	0.38
F	MT20	5.0x 5.0	Ctr-0.5	0.62
E	MT20	3.0x 7.0	Ctr Ctr	0.53
G	MT20	2.0x 4.0	Ctr Ctr	0.38

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1917 Lbs

Max tens. force 1766 Lbs

Quality Control Factor 1.25

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

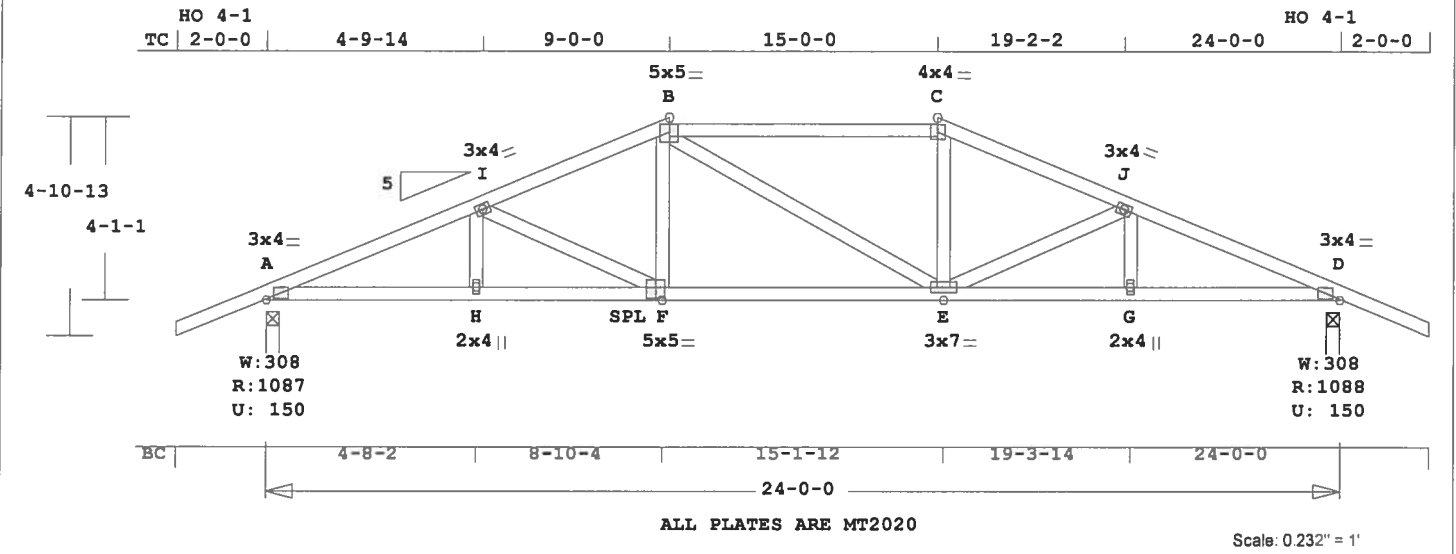
NOTES:

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Robbins Engineering
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Tampa, FL 33610
FL Cert.#5555

September 24, 2007

Job KH-KEEN	Mark A5	Quan 1	Type HIPP	Spah 240000	P1-H1 5	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2694952
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KEEN ADDITION



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 150.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

CSI -Size- ----Lumber----
TC 0.46 2x 4 SP-#2
BC 0.40 2x 4 SP-#2
WB 0.08 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	24- 0- 0
BC Cont.	0- 0- 0	24- 0- 0

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0
Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	1088	150 U	63 R
D	1088	150 U	63 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -I	0.23	1917 C	0.11	0.12	
I -B	0.34	1572 C	0.01	0.33	
B -C	0.46	1466 C	0.02	0.44	
C -J	0.30	1577 C	0.01	0.29	
J -D	0.23	1916 C	0.11	0.12	
-----Bottom Chords-----					
A -H	0.36	1766 T	0.29	0.07	

H -F	0.37	1766 T	0.29	0.08
F -E	0.35	1456 T	0.24	0.11
E -G	0.40	1766 T	0.29	0.11
G -D	0.36	1766 T	0.29	0.07
-----Webs-----				
H -I	0.02	142 T		
I -F	0.08	334 C		
F -B	0.05	328 T		
B -E	0.04	72 T		
E -C	0.05	327 T		
E -J	0.08	331 C		
G -J	0.02	139 T		

TL Defl -0.18" in F -E L/999
LL Defl -0.08" in F -E L/999
Shear // Grain in B -C 0.22

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 4.0 Ctr Ctr 0.86
I MT20 3.0x 4.0 Ctr Ctr 0.60
B MT20 5.0x 5.0 Ctr-0.3 0.56
C MT20 4.0x 4.0 Ctr Ctr 0.70
J MT20 3.0x 4.0 Ctr Ctr 0.60
D MT20 3.0x 4.0 Ctr Ctr 0.86
H MT20 2.0x 4.0 Ctr Ctr 0.38
F MT20 5.0x 5.0 Ctr-0.5 0.62
E MT20 3.0x 7.0 Ctr Ctr 0.53
G MT20 2.0x 4.0 Ctr Ctr 0.38

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1917 Lbs

Max tens. force 1766 Lbs

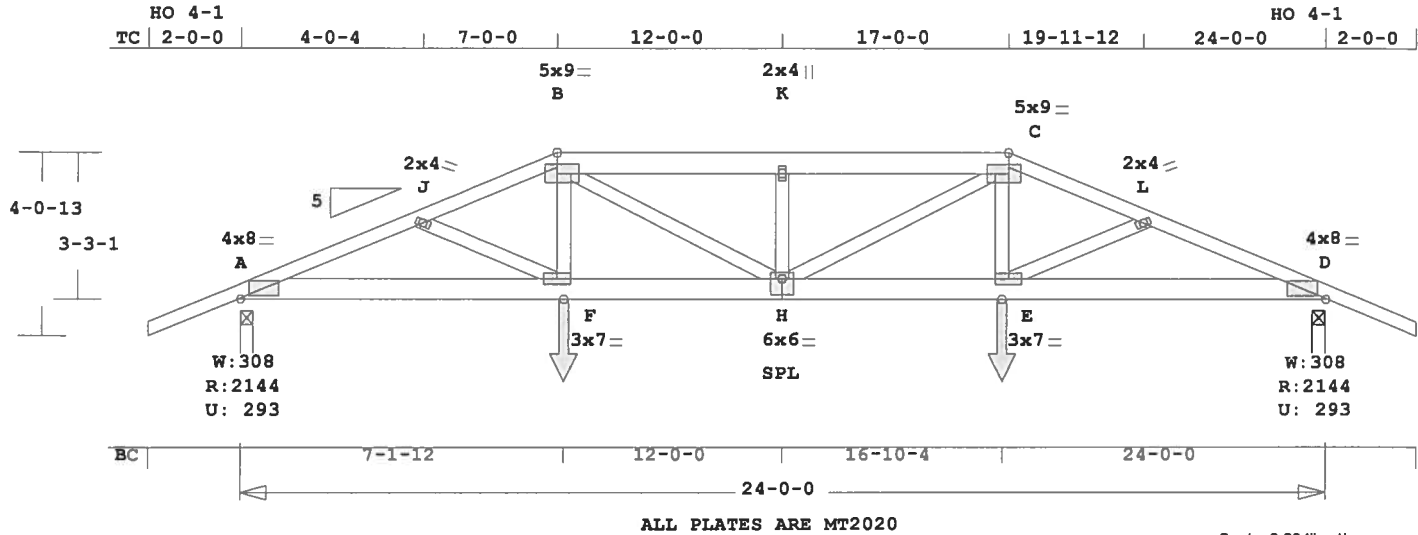
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

September 24,2007

Job KH-KEEN	Mark A6	Quan 1	Type HIPP	Span 240000	P1-H1 5	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2694953
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KEEN ADDITION



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 179.0 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

CSI -Size- ---Lumber---
TC 0.66 2x 4 SP-#2
-- 0.47 2x 6 SP-#2
B -C
BC 0.77 2x 6 SP-#2
WB 0.22 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	24- 0- 0	
BC Cont.	0- 0- 0	24- 0- 0	

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0
Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	2144	293 U	48 R
D	2144	293 U	48 R

Jt	Brg Size	Required
A	3.5"	2.5"
D	3.5"	2.5"

LC# 1 Girder Loading

Dur	Fctrs	Lbr	Plt	1.25
plf	-	Dead	Live*	From To
TC V	20	40	0.0'	24.0'
BC V	20	0	0.0'	24.0'
TC V	25	50	7.0'	17.0'
BC V	25	0	7.1'	16.9'
BC V	280	280	7.1'	CL-LB
BC V	280	280	16.9'	CL-LB

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----

A -J	0.44	4596 C	0.19	0.25
J -B	0.66	4500 C	0.16	0.50
B -K	0.47	5248 C	0.09	0.38
K -C	0.47	5248 C	0.09	0.38
C -L	0.66	4500 C	0.16	0.50
L -D	0.44	4596 C	0.19	0.25
-----Bottom Chords-----				
A -F	0.77	4230 T	0.56	0.21
F -H	0.69	4161 T	0.55	0.14
H -E	0.69	4161 T	0.55	0.14
E -D	0.77	4230 T	0.56	0.21
-----Webs-----				
J -F	0.02	169 T		
F -B	0.13	726 T		
B -H	0.22	1234 T		
H -K	0.10	867 C		
H -C	0.22	1234 T		
E -C	0.13	726 T		
E -L	0.02	169 T		

TL Defl -0.38" in H -E L/747
LL Defl -0.19" in H -E L/999
Shear // Grain in B -K 0.36

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 8.0 Ctr Ctr 0.85
J MT20 2.0x 4.0 Ctr Ctr 0.37
B MT20 5.0x 9.0-0.5 Ctr 0.98
K MT20 2.0x 4.0 Ctr Ctr 0.39
C MT20 5.0x 9.0 0.5 Ctr 0.98
L MT20 2.0x 4.0 Ctr Ctr 0.37
D MT20 4.0x 8.0 Ctr Ctr 0.85
F MT20 3.0x 7.0 Ctr Ctr 0.41
H MT20 6.0x 6.0 Ctr-1.2 0.99
E MT20 3.0x 7.0 Ctr Ctr 0.41

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

Girder Step Down Hip

Framing King Jacks

Jack Open Faced

Setback 7- 0- 0

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

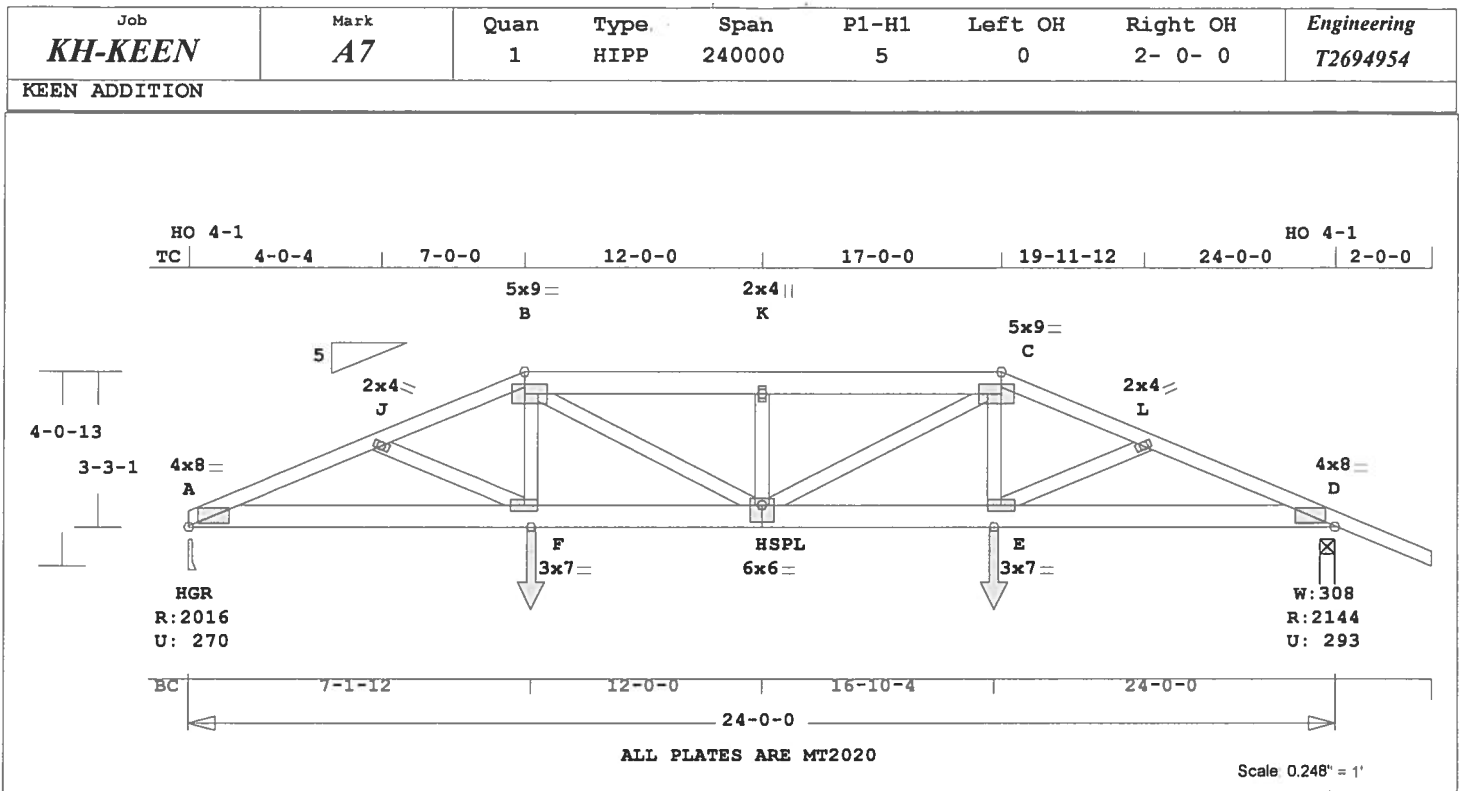
Max comp. force 5248 Lbs

Max tens. force 4230 Lbs

Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

September 24,2007



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 174.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

	CSI	-Size-	----	Lumber----
TC	0.66	2x 4	SP-#2	
--	0.47	2x 6	SP-#2	
B -C				
BC	0.77	2x 6	SP-#2	
WB	0.22	2x 4	SP-#2	

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	24- 0- 0
BC	Cont.	0- 0- 0	24- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.00	Fc=1.00	Ft=1.00
BC Fb=1.00	Fc=1.00	Ft=1.00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2016	271 U	48 R
D	2144	293 U	48 R

Jt	Brg Size	Required
A	3.5"	2.4"
D	3.5"	2.5"

LC# 1 Girder Loading

Dur Fctrs - Lbr 1.25 Plt 1.25

plf - Dead	Live*	From	To
TC V	20	40	0.0' 24.0'
BC V	20	0	0.0' 24.0'
TC V	25	50	7.0' 17.0'
BC V	25	0	7.1' 16.9'
BC V	280	280	7.1' CL-LB
BC V	280	280	16.9' CL-LB

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSt-Bnd

-----Top Chords-----

A -J	0.44	4596 C	0.19	0.25
J -B	0.66	4500 C	0.16	0.50
B -K	0.47	5247 C	0.09	0.38
K -C	0.47	5247 C	0.09	0.38
C -L	0.66	4500 C	0.16	0.50
L -D	0.44	4596 C	0.19	0.25

-----Bottom Chords-----

A -F	0.77	4230 T	0.56	0.21
F -H	0.69	4161 T	0.55	0.14
H -E	0.69	4161 T	0.55	0.14
E -D	0.77	4230 T	0.56	0.21

-----Webs-----

J -F	0.02	169 T
F -B	0.13	726 T
B -H	0.22	1234 T
H -K	0.10	867 C
H -C	0.22	1234 T
E -C	0.13	726 T
E -L	0.02	169 T

TL Defl -0.38" in F -H L/747
LL Defl -0.19" in F -H L/999
Shear // Grain in B -K 0.36

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A	MT20	4.0x 8.0	Ctr Ctr	0.85
J	MT20	2.0x 4.0	Ctr Ctr	0.37
B	MT20	5.0x 9.0	0.5 Ctr	0.98
K	MT20	2.0x 4.0	Ctr Ctr	0.39
C	MT20	5.0x 9.0	0.5 Ctr	0.98
L	MT20	2.0x 4.0	Ctr Ctr	0.37
D	MT20	4.0x 8.0	Ctr Ctr	0.85
F	MT20	3.0x 7.0	Ctr Ctr	0.41
H	MT20	6.0x 6.0	Ctr-1.2	0.99
E	MT20	3.0x 7.0	Ctr Ctr	0.41

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

Girder Step Down Hip

Framing King Jacks

Jack Open Faced

Setback 7- 0- 0

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 5247 Lbs

Max tens. force 4230 Lbs

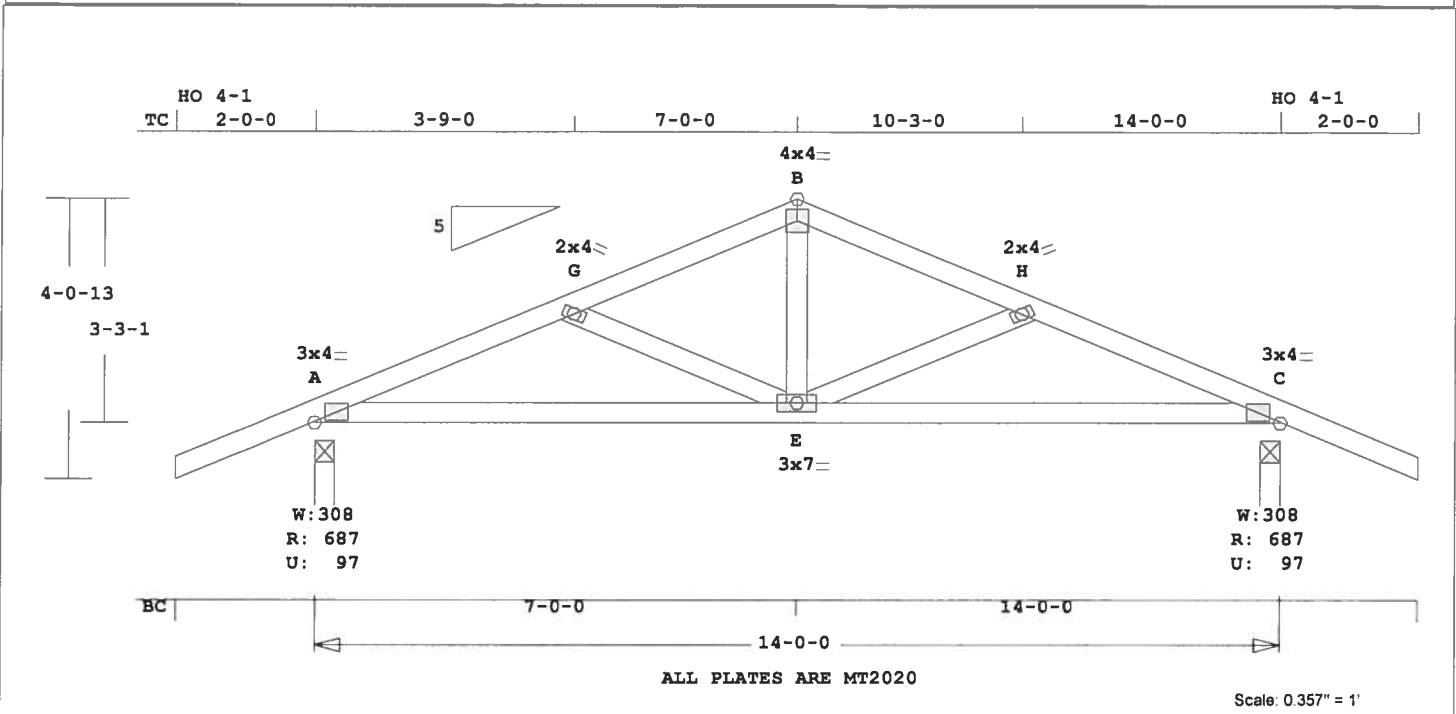
Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

September 24,2007

Job KH-KEEN	Mark B1	Quan 5	Type TR	Span 140000	P1-H1 5	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering T2694955
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KEEN ADDITION



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 82.0 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

CSI	-Size-	---Lumber---
TC	0.17	2x 4 SP-#2
BC	0.34	2x 4 SP-#2
WB	0.06	2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	14- 0- 0	
BC Cont.	0- 0- 0	14- 0- 0	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.15	Fc=1.10	Ft=1.10
BC Fb=1.10	Fc=1.10	Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	688	97 U	
C	688	97 U	

Jt	Brig Size	Required
A	3.5"	1.5"
C	3.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -G	0.15	992 C	0.08 0.07
G -B	0.17	735 C	0.06 0.11
B -H	0.17	735 C	0.06 0.11
H -C	0.15	992 C	0.08 0.07
-----Bottom Chords-----			

A -E	0.34	922 T	0.09 0.25
E -C	0.34	922 T	0.09 0.25
-----Webs-----			
G -E	0.05	283 T	
E -B	0.06	385 T	
E -H	0.05	283 T	

TL Defl -0.08" in A -E L/999
LL Defl -0.03" in A -E L/999
Shear // Grain in A -E 0.15

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 4.0 Ctr Ctr 0.69
G MT20 2.0x 4.0 Ctr Ctr 0.37
B MT20 4.0x 4.0 Ctr Ctr 0.57
H MT20 2.0x 4.0 Ctr Ctr 0.37
C MT20 3.0x 4.0 Ctr Ctr 0.69
E MT20 3.0x 7.0 Ctr Ctr 0.43

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

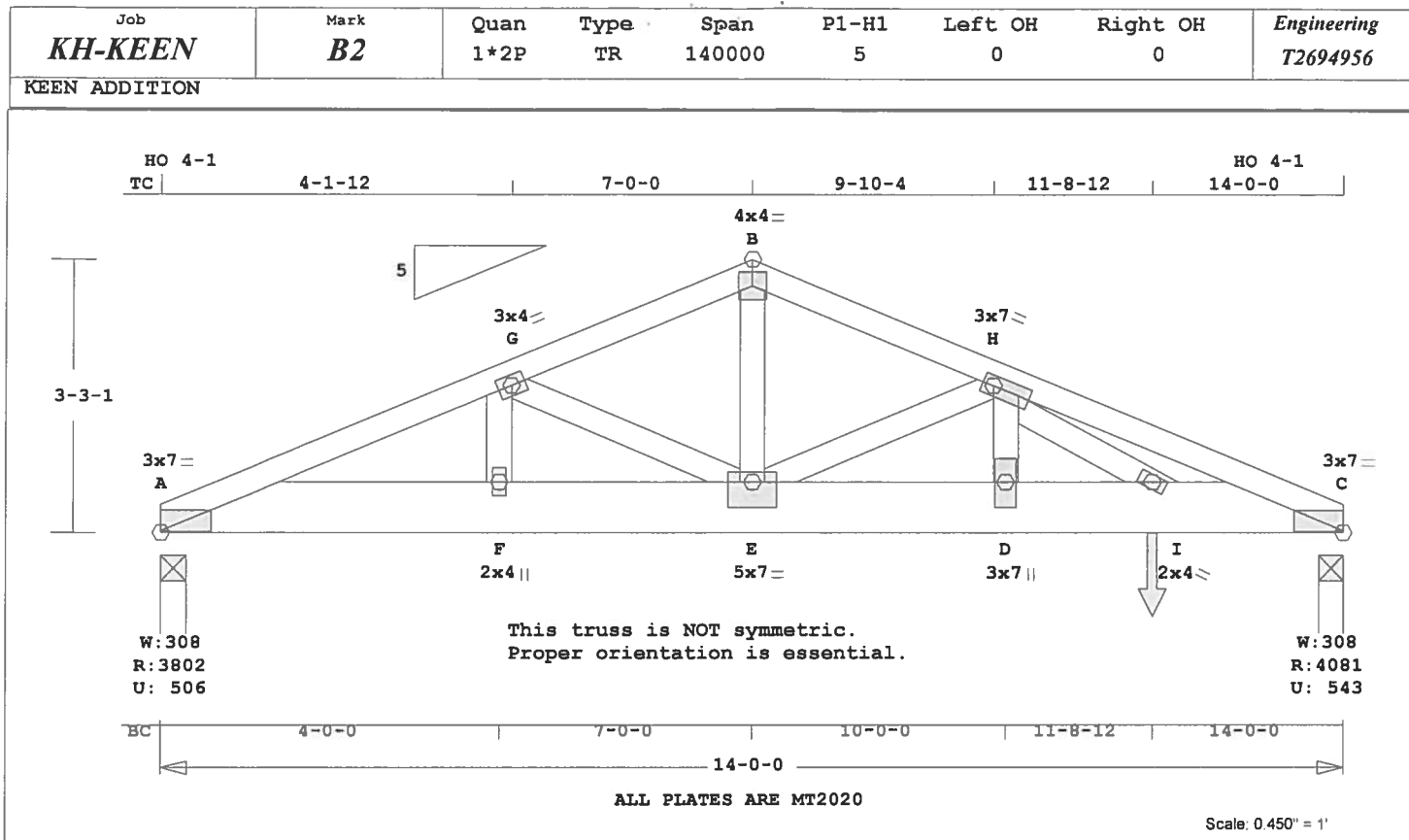
Max comp. force 992 Lbs

Max tens. force 922 Lbs

Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

September 24,2007



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 105.9 LBS

Online Plus -- Version 21.0.060
 RUN DATE: 24-SEP-07

 * 2-Ply Truss *

	CSI	-Size-	-----Lumber-----
TC	0.44	2x 4	SP-#2
BC	0.46	2x 8	SP-2401
WB	0.35	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	14- 0- 0
BC	Cont.	0- 0- 0	14- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.00	Fc=1.00	Ft=1.00
BC Fb=1.00	Fc=1.00	Ft=1.00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	3802	507 U	48 R
C	4082	544 U	14 R

Jt	Brg Size	Required
A	3.5"	1.6"
C	3.5"	1.7"

LC# 1 Standard Loading

Dur	Fctrs	Lbr	1.25	Plt	1.25
plf	- Dead	Live*	From	To	
TC V	20	40	0.0'	14.0'	
BC V	20	0	0.0'	14.0'	
BC V	220	220	0.0'	10.8'	
BC V	1008	1008	11.7'	CL-LB	

Plus 7 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Ax1	-----Bnd
-----Top Chords-----				
A -G	0.38	7056 C	0.30	0.08
G -B	0.27	5259 C	0.23	0.04

B -H	0.27	5262 C	0.23	0.04	
H -C	0.44	7686 C	0.33	0.11	
-----Bottom Chords-----					
A -F	0.29	6529 T	0.12	0.17	
F -E	0.21	6529 T	0.12	0.09	
E -D	0.21	7293 T	0.13	0.08	
D -I	0.46	7293 T	0.13	0.33	
I -C	0.34	7127 T	0.13	0.21	
-----Webs-----					
F -G	0.12	1428 T			
G -E	0.09	1869 C			
E -B	0.35	3807 T			
E -H	0.13	2728 C			
D -H	0.19	2115 T			
H -I	0.01	200 C			

TL Defl -0.13" in E -D L/999
 LL Defl -0.06" in E -D L/999
 Shear // Grain in D -I 0.43

Plates for each ply each face.

Plate	MT20	20 Ga	Gross Area
Plate	MT2H	20 Ga	Gross Area
Jt Type	Plt Size	X	Y JSI
A	MT20	3.0x 7.0	3.5 1.4 0.86
G	MT20	3.0x 4.0	Ctr Ctr 0.53
B	MT20	4.0x 4.0	Ctr Ctr 0.70
H	MT20	3.0x 7.0	Ctr Ctr 0.88
C	MT20	3.0x 7.0-3.5	1.4 0.94
F	MT20	2.0x 4.0	Ctr Ctr 0.47
E	MT20	5.0x 7.0	Ctr-1.1 0.93
D	MT20	3.0x 7.0	Ctr-0.1 0.42
I	MT20	2.0x 4.0	Ctr Ctr 0.38

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 2 COMPLETE TRUSSES REQUIRED.
 Fasten together in staggered

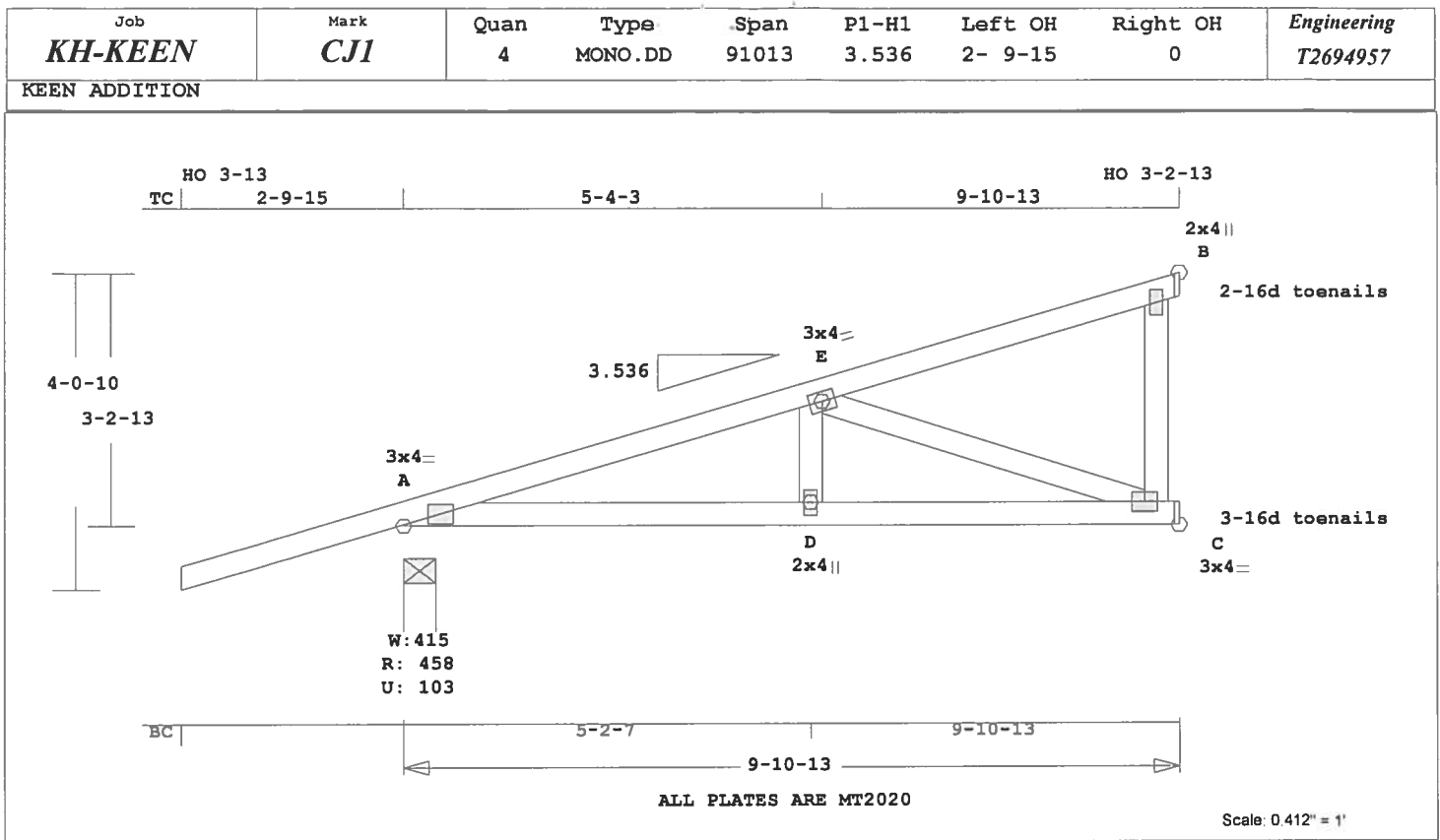
pattern. (1/2" bolts -OR-
 SDS3 screws -OR- 10d nails
 as each layer is applied.)
 ----Spacing (In)----

Rows	Nails	Screws	Bolts
TC 1	12	24	0
BC 2	12	24	0
WB 1	8	8	

 Plus clusters of nails where
 shown.
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 7686 Lbs
 Max tens. force 7293 Lbs
 Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
 Robbins Engineering
 6904 Parke East Blvd
 Tampa, FL, 33610
 FL Cert.#5555

September 24, 2007



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 59.4 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

	CSI	-Size-	-----Lumber-----
TC	0.36	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.20	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	9-10-13	
BC Cont.	0- 0- 0	9-10-13	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.00	Fc=1.00	Ft=1.00
BC Fb=1.00	Fc=1.00	Ft=1.00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	458	103 U	77 R
C	349	5 U	
B	237	82 U	105 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC#	1	Girder Loading
Dur Fctrs	- Lbr 1.25	Plt 1.25
plf	- Dead	Live* From To
TC V	20	40 0.0' 9.9'
BC V	20	0 0.0' 9.9'
TC V	-20	-40 0.0' 9.9'
BC V	-20	0 0.0' 9.9'

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.30	735 C	0.04	0.26	
E -B	0.36	64 T	0.00	0.36	
-----Bottom Chords-----					
A -D	0.23	719 T	0.08	0.15	
D -C	0.27	719 T	0.08	0.19	
-----Webs-----					
D -E	0.03	234 T			
E -C	0.20	762 C			
C -B	0.03	0 T	WindLd		

TL Defl -0.05" in D -C L/999
LL Defl -0.02" in D -C L/999
Shear // Grain in E -B 0.27

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 4.0 Ctr Ctr 0.67
E MT20 3.0x 4.0 Ctr Ctr 0.42
B MT20 2.0x 4.0 Ctr Ctr 0.38
D MT20 2.0x 4.0 Ctr Ctr 0.38
C MT20 3.0x 4.0 Ctr Ctr 0.54

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Girder King Jack
Loading TC and BC
Setback 7- 0- 0

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Use properly rated hangers for
loads framing into girder
truss.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

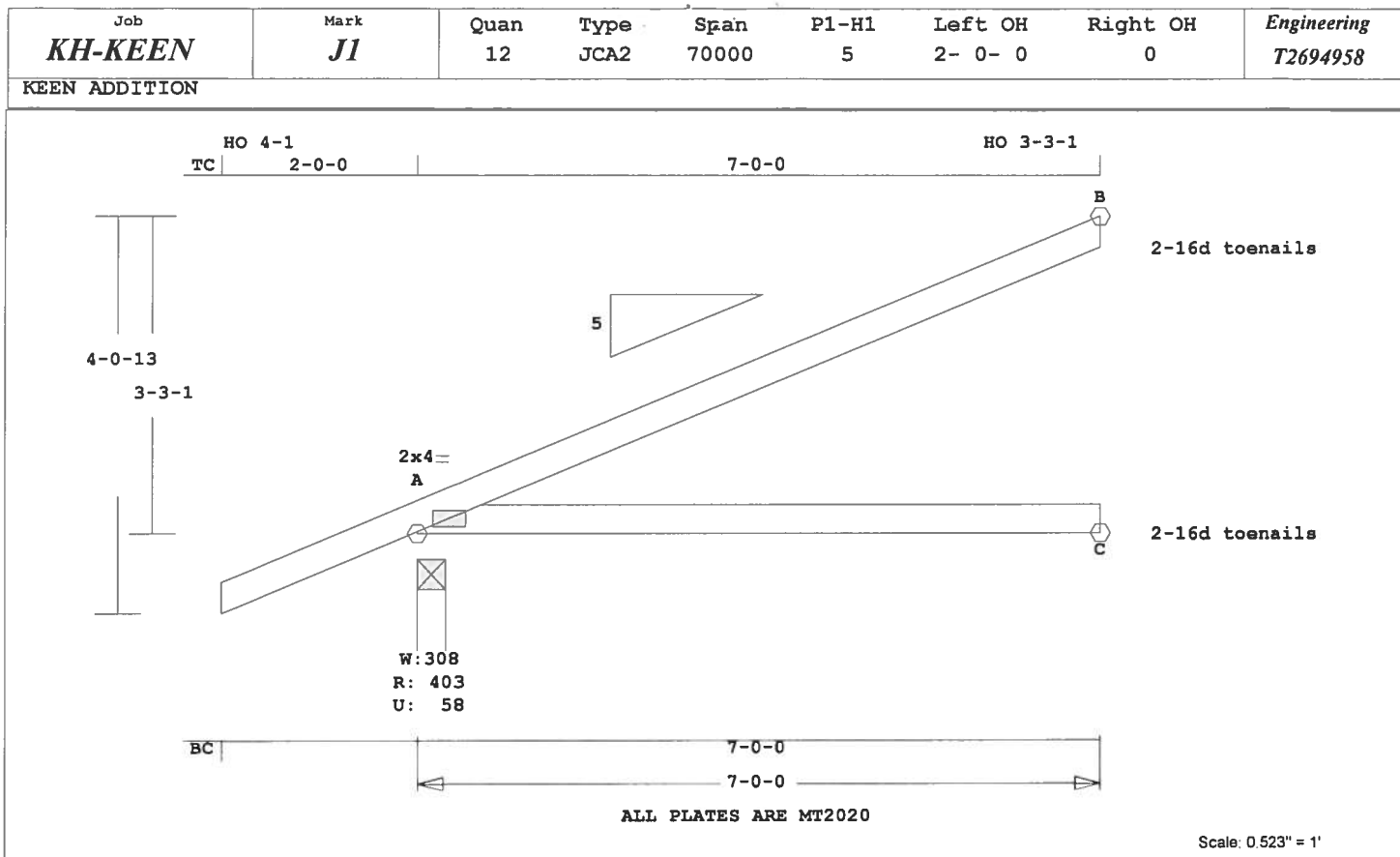
Max comp. force 762 Lbs

Max tens. force 719 Lbs

Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

September 24, 2007



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

CSI -Size- ---Lumber---
TC 0.48 2x 4 SP-#2
BC 0.38 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	7- 0- 0	
BC Cont.	0- 0- 0	7- 0- 0	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor 1.25		
Plate Duration Factor 1.25		
TC Fb=1.15	Fc=1.10	Ft=1.10
BC Fb=1.10	Fc=1.10	Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	404	59 U	235 R
C	131		
B	196	77 U	60 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A-B	0.48	133 C	0.00 0.48
-----Bottom Chords-----			

A -C 0.38 0 T 0.00 0.38

TL Defl -0.18" in A -C L/432
LL Defl -0.07" in A -C L/999
Shear // Grain in A -B 0.26

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.73

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

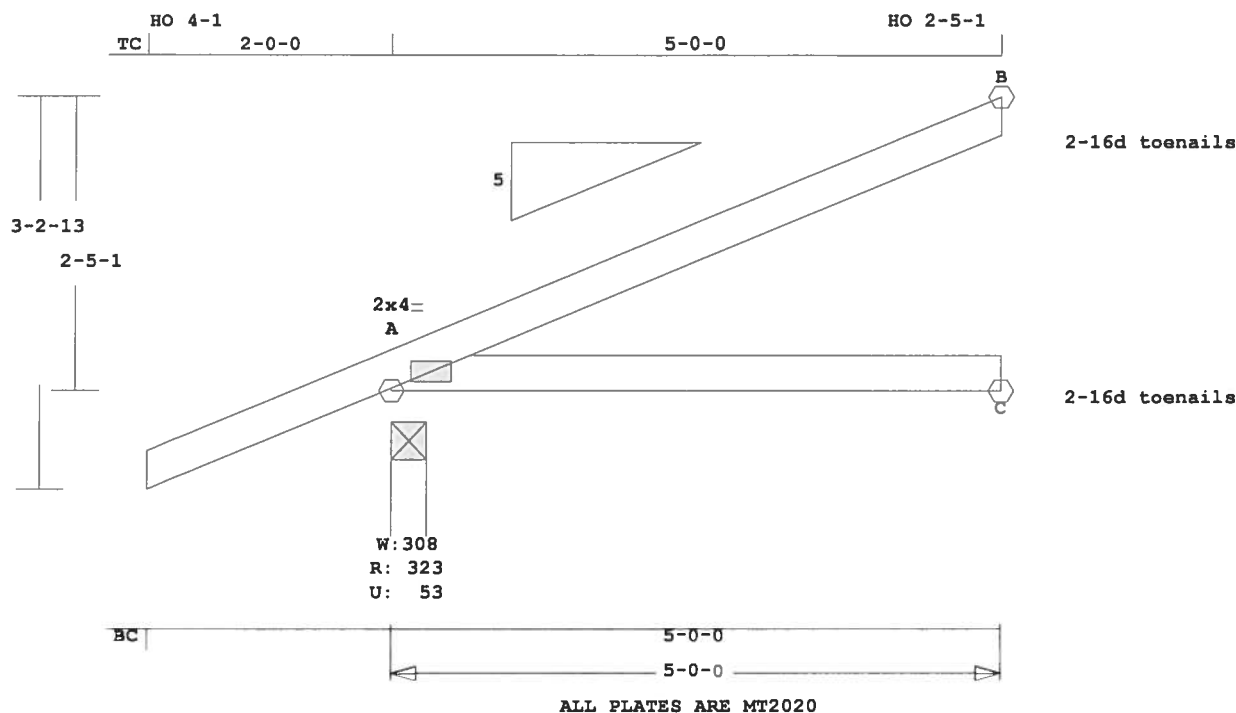
for Exterior zone location.

Wind Speed: 110 mph

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

September 24, 2007

Job KH-KEEN	Mark J2	Quan 7	Type JCA2	Span 50000	Pl-H1 5	Left OH 2- 0- 0	Right OH 0	Engineering T2694959
KEEN ADDITION								



Scale 0.632" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.0 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

CSI -Size- ----Lumber----
TC 0.28 2x 4 SP-#2
BC 0.23 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	5- 0- 0	
BC Cont.	0- 0- 0	5- 0- 0	

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0
Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	324	54 U	194 R
C	93		
B	141	55 U	43 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Ax1-Csi-Bnd
-----Top Chords-----
A -B 0.28 109 C 0.00 0.28
-----Bottom Chords-----

A -C 0.23 0 T 0.00 0.23

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.21

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.69

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 109 Lbs

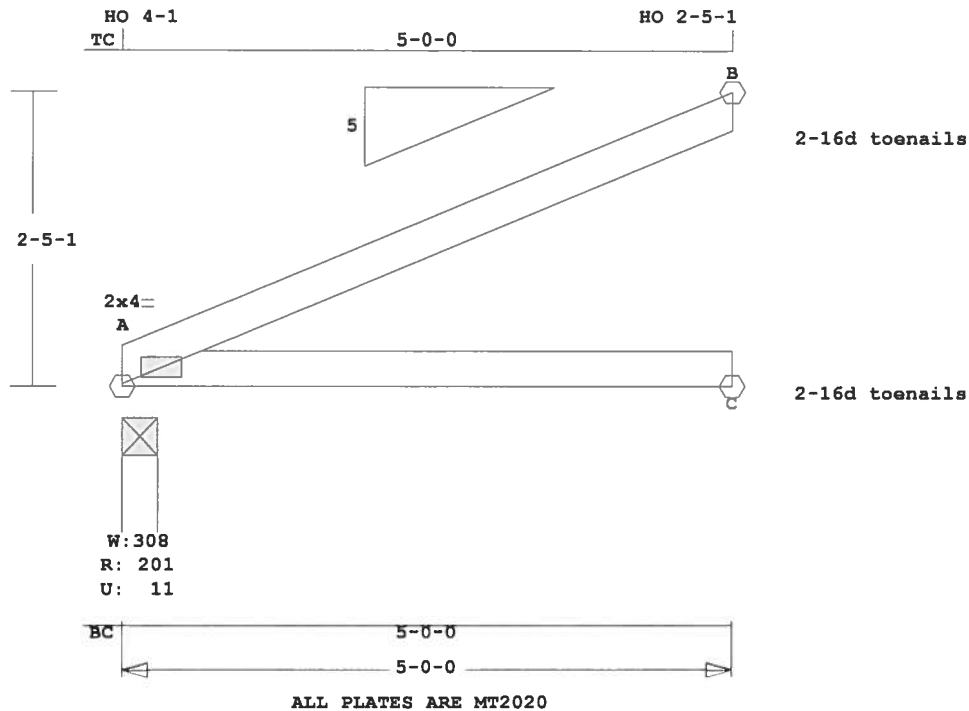
Max tens. force 25 Lbs

Quality Control Factor 1.25

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Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

September 24, 2007

Job KH-KEEN	Mark J2A	Quan 1	Type JCA2	Span 50000	P1-H1 5	Left OH 0	Right OH 0	Engineering T2694960
KEEN ADDITION								



Scale 0.632" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

CSI -Size- ----Lumber-----
TC 0.31 2x 4 SP-#2
BC 0.25 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	5- 0- 0	
BC Cont.	0- 0- 0	5- 0- 0	

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor 1.25		
Plate Duration Factor 1.25		
TC Fb=1.15	Fc=1.10	Ft=1.10
BC Fb=1.10	Fc=1.10	Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	202	12 U	194 R
C	89		
B	135	53 U	43 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -B	0.31	104 C	0.00 0.31
-----Bottom Chords-----			

A -C 0.25 0 T 0.00 0.25
TL Defl -0.05" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.22
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.69

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

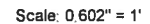
Mean Roof Height: 15-0

Exposure Category: B

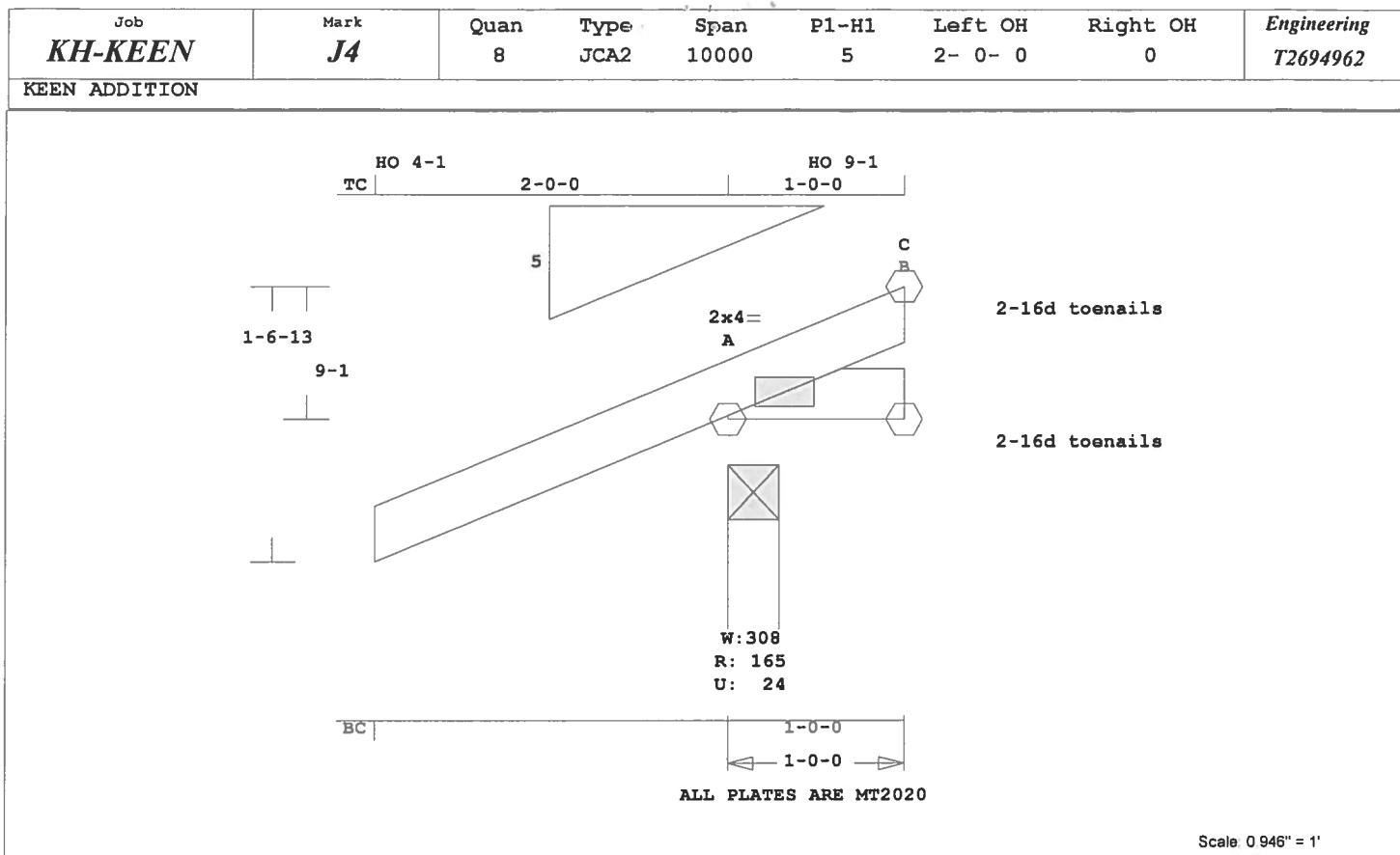
Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

September 24,2007

KEEN ADDITION



September 24, 2007



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 24-SEP-07

CSI -Size- ---Lumber---
TC 0.00 2x 4 SP-#2
BC 0.00 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	1- 0- 0
BC	Cont.	0- 0- 0	1- 0- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
TC Fb=1.15	Fc=1.10	Ft=1.10
BC Fb=1.10	Fc=1.10	Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	166	24 U	39 R
B	22	7 U	
C	16	1 U	7 R

Jt	Brg Size	Required
A	3.5"	1.5"
B	1.5"	1.5"
C	1.5"	1.5"

Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -B 0.00 16 C
-----Bottom Chords-----

A -C 0.00 7 T

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in B -B 0.03

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.68

REVIEWED BY:

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

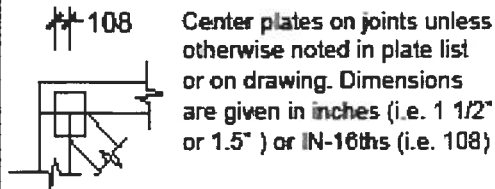
Wind Speed: 110 mph

Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

September 24,2007

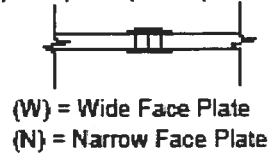
ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



LATERAL BRACING

Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restrained to prevent simultaneous buckling of adjacent truss members.

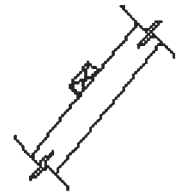
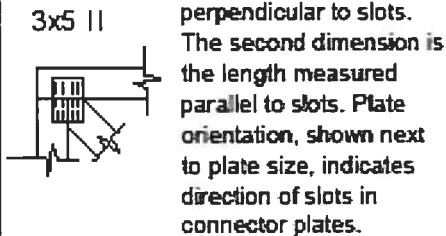
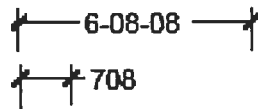


PLATE SIZE AND ORIENTATION



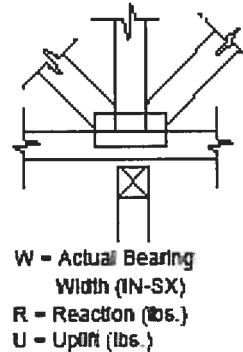
DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).



BEARING

When truss is designed to bear on multiple supports, interior bearing locations should be marked on the truss. Interior support or temporary shoring must be in place before erecting this truss. If necessary, shim bearings to assure solid contact with truss.



ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearing at each end, unless indicated otherwise. Cutting and fabrication shall be performed using equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and the attached truss designs are not applicable for use with fire retardant lumber and some preservative treatments. Nails specified on truss design drawings refer to common wire nails, except as noted. The attached design drawings were prepared in accordance with " National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/TPI 1), and HUD Design Criteria for Trussed Rafters.

Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 as published by Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice concerning proper erection bracing to prevent toppling and " dominoing ". Care should be taken to prevent damage during fabrication, storage, shipping and erection. Top and bottom chords shall be adequately braced in the absence of sheathing or rigid ceiling, respectively. It is the responsibility of others to ascertain that design loads utilized on these drawings meet or exceed the actual dead loads imposed by the structure and the live loads imposed by the local building code or historical climatic records.

FURNISH A COPY OF THE ATTACHED TRUSS DESIGN DRAWINGS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE DRAWINGS AND VERIFY THAT DATA, INCLUDING DIMENSIONS & LOADS, CONFORM TO ARCHITECTURAL PLAN / SPECS AND THE TRUSS PLACEMENT DIAGRAM FURNISHED BY THE TRUSS FABRICATOR.



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