



RE: KT-EVERETTE -

Site Information:

Project Customer: COLUMBIA HOME IMPROVEMENT Project Name: ALAN & BRITTANY EVERETTE
Lot/Block: KT-EVERETTE Subdivision: EASTBROOKE
Address: LOT 10
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 39 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	No.	Seal#	Truss Name	Date
1	T2727068	A1	10/12/07	18	T2727085	B5	10/12/07
2	T2727069	A2	10/12/07	19	T2727086	B6	10/12/07
3	T2727070	A3	10/12/07	20	T2727087	C1	10/12/07
4	T2727071	A4	10/12/07	21	T2727088	CJ1	10/12/07
5	T2727072	A5	10/12/07	22	T2727089	CJ2	10/12/07
6	T2727073	A6	10/12/07	23	T2727090	CJ3	10/12/07
7	T2727074	A7	10/12/07	24	T2727091	D1	10/12/07
8	T2727075	A8	10/12/07	25	T2727092	D2	10/12/07
9	T2727076	A9	10/12/07	26	T2727093	E1	10/12/07
10	T2727077	A10	10/12/07	27	T2727094	E2	10/12/07
11	T2727078	A11	10/12/07	28	T2727095	E3	10/12/07
12	T2727079	A12	10/12/07	29	T2727096	E4	10/12/07
13	T2727080	A13	10/12/07	30	T2727097	E5	10/12/07
14	T2727081	B1	10/12/07	31	T2727098	E6	10/12/07
15	T2727082	B2	10/12/07	32	T2727099	F1	10/12/07
16	T2727083	B3	10/12/07	33	T2727100	F2	10/12/07
17	T2727084	B4	10/12/07	34	T2727101	G1	10/12/07

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.

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FL Cert #5555

DALLAS

TAMPA

FT. WORTH
Albani, Thomas

October 12, 2007

1 of 2

Site Information:

Project Customer: COLUMBIA HOME IMPROVEMENT Project Name: ALAN & BRITTANY EVERETTE

Subdivision: **EASTBROOKE**

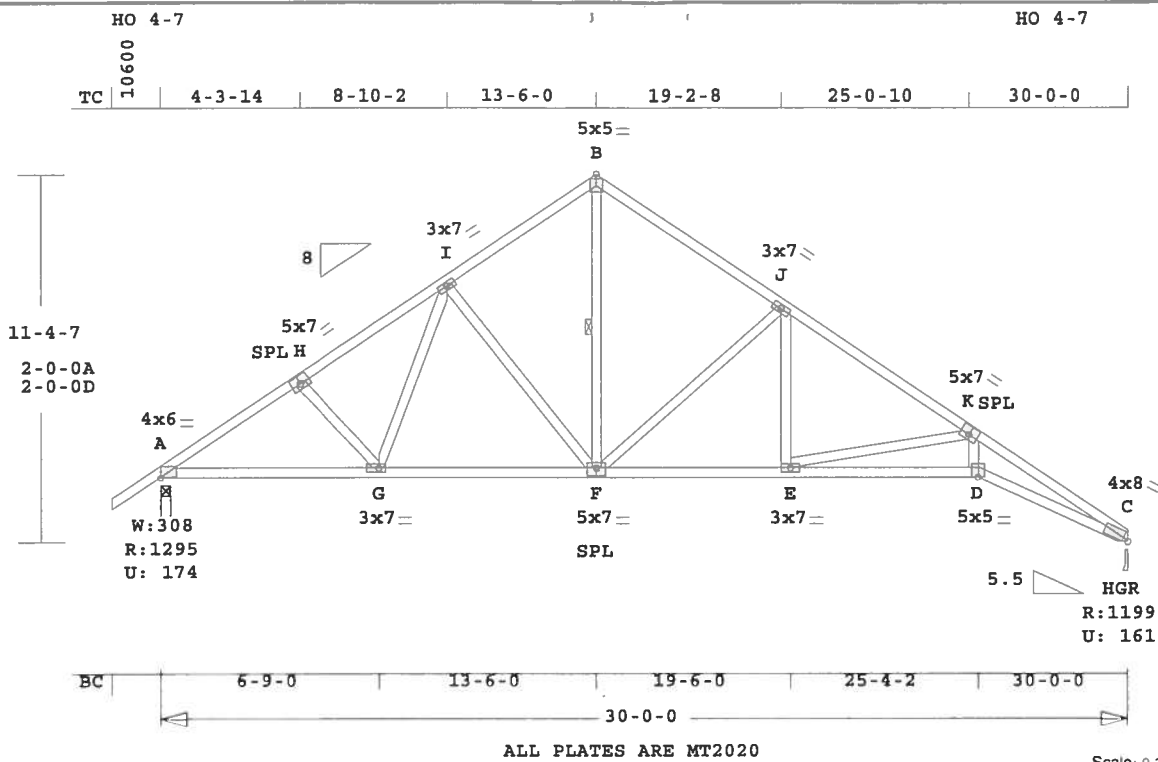
Subdivision: EAST BROOK

State: FL

No.	Seal#	Truss Name	Date
35	T2727102	J1	10/12/07
36	T2727103	J2	10/12/07
37	T2727104	J3	10/12/07
38	T2727105	J4	10/12/07
39	T2727106	J5	10/12/07

Job KT-EVERETTE	Mark A1	Quan 3	Type MDS2	Span 300000	P1-H1 8	Left OH 1- 6- 0	Right OH 0	Engineering T2727068
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 214.1 LBS
Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI	-Size-	---Lumber---
TC	0.47	2x 4 SP-#2
BC	0.87	2x 4 SP-#1
--	0.71	2x 4 SP-#2
A -F	F -D	
WB	0.95	2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 30- 0- 0
BC Cont. 0- 0- 0 30- 0- 0
One Continuous Lateral Brace
F -B
Attach CLB with (2)-10d nails
at each web.

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 1296 175 U 220 R
C 1200 162 U 225 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 -H	0.17	1772 C	0.07	0.10
H -I	0.20	1601 C	0.01	0.19
I -B	0.20	1186 C	0.01	0.19
B -J	0.43	1197 C	0.01	0.42
J -K	0.47	1922 C	0.06	0.41

K -C	0.45	4527 C	0.14	0.31
-----Bottom Chords-----				
A -G	0.37	1471 T	0.15	0.22
G -F	0.34	1241 T	0.12	0.22
F -E	0.40	1621 T	0.27	0.13
E -D	0.71	3735 T	0.62	0.09
D -C	0.87	4053 T	0.53	0.34
-----Webs-----				
H -G	0.04	217 C		
G -I	0.05	341 T		
I -F	0.29	418 C		
F -B	0.18	1022 T	1 Br	
F -J	0.63	849 C		
E -J	0.10	572 T		
E -K	0.95	2161 C		
D -K	0.31	1681 T		

TL Defl	-0.48"	in E -D	L/736
LL Defl	-0.24"	in D -C	L/999
Hx Disp	LL	DL	TL
Jt C	0.16"	0.16"	0.32"
Shear //	Grain	in J -K	0.24

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 6.0 0.5 0.4 0.64
H MT20 5.0x 7.0 0.3 0.5 0.67
I MT20 3.0x 7.0 Ctr Ctr 0.51
B MT20 5.0x 5.0 Ctr Ctr 0.59
J MT20 3.0x 7.0 Ctr Ctr 0.45
K MT20 5.0x 7.0 0.3 0.5 0.67
C MT20 4.0x 8.0 Ctr Ctr 0.90
G MT20 3.0x 7.0-1.1 Ctr 0.54
F MT20 5.0x 7.0 Ctr-0.5 0.69
E MT20 3.0x 7.0 Ctr Ctr 0.84
D MT20 5.0x 5.0 Ctr-1.0 0.94

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

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

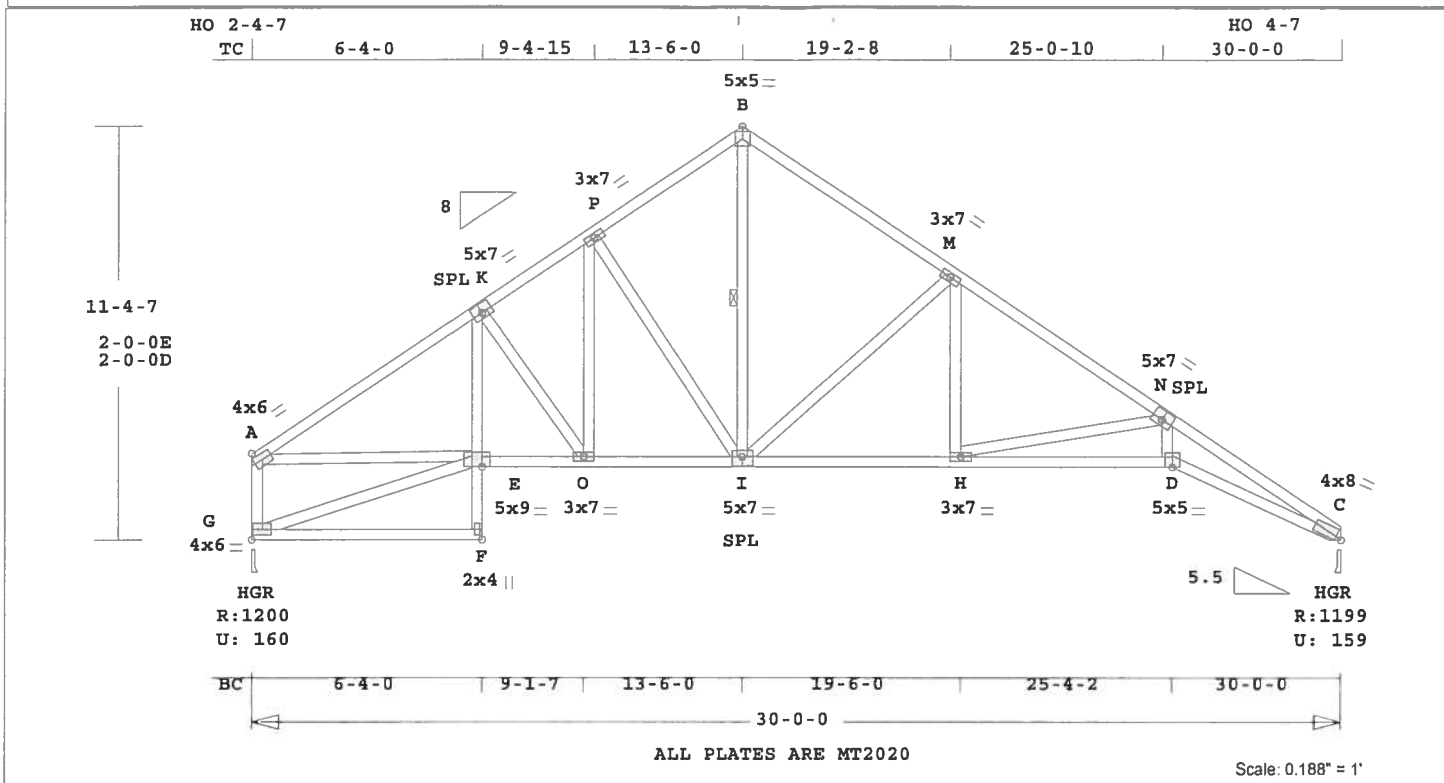
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 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 4527 Lbs
Max tens. force 4053 Lbs
Quality Control Factor 1.25

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October 12, 2007

Job KT-EVERETTE	Mark A2	Quan 3	Type SP	Span 300000	P1-H1 8	Left OH 0	Right OH 0	Engineering T2727069
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™
Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----

TC	0.47	2x 4	SP-#2
BC	0.87	2x 4	SP-#1
--	0.71	2x 4	SP-#2
G -F	E -I	I -D	
CW	0.07	2x 4	SP-#2
WB	0.95	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC	Cont.	0- 0- 0 30- 0- 0
BC	Cont.	0- 0- 0 30- 0- 0

One Continuous Lateral Brace
I -B
Attach CLB with (2)-10d nails
at each web.

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-
G	1200	160 U	273 R
C	1200	159 U	238 R

Jt	Brg Size	Required
G	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 Ax1-CSI-Bnd

-----Top Chords-----				
A -K	0.46	1674 C	0.05	0.41
K -P	0.34	1486 C	0.01	0.33
P -B	0.16	1173 C	0.06	0.10
B -M	0.43	1194 C	0.01	0.42
M -N	0.47	1923 C	0.06	0.41
N -C	0.45	4528 C	0.14	0.31
-----Bottom Chords-----				

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 250.2 LBS

G -F	0.28	14 T	0.00	0.28
E -O	0.27	1410 T	0.23	0.04
O -I	0.29	1214 T	0.20	0.09
I -H	0.36	1623 T	0.27	0.09
H -D	0.71	3736 T	0.62	0.09
D -C	0.87	4054 T	0.53	0.34

-----Chord-Webs-----

F -E	0.07	120 T	0.01	0.06
E -K	0.04	142 T	0.02	0.02

-----Webs-----

G -A	0.12	1131 C	WindLd
G -E	0.03	250 T	
A -E	0.25	1407 T	
K -O	0.10	330 C	
O -P	0.06	341 T	
P -I	0.28	412 C	
I -B	0.18	1012 T	1 Br
I -M	0.63	853 C	
H -M	0.10	582 T	
H -N	0.95	2160 C	
D -N	0.31	1680 T	

TL Defl	-0.48"	in H -D	L/738
LL Defl	-0.24"	in D -C	L/999
Hx Disp	LL	DL	TL
Jt C	0.18"	0.18"	0.37"
Shear //	Grain	in M -N	0.24

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	6.0	0.1 0.1 0.64
K	MT20	5.0x	7.0	0.3 0.5 0.71
P	MT20	3.0x	7.0	Ctr Ctr 0.44
B	MT20	5.0x	5.0	Ctr Ctr 0.59
M	MT20	3.0x	7.0	Ctr Ctr 0.45
N	MT20	5.0x	7.0	0.3 0.5 0.67
C	MT20	4.0x	8.0	Ctr Ctr 0.90
G	MT20	4.0x	6.0	Ctr Ctr 0.64
F	MT20	2.0x	4.0	Ctr Ctr 0.58
E	MT20	5.0x	9.0	Ctr 0.8 0.67
O	MT20	3.0x	7.0	Ctr Ctr 0.47
I	MT20	5.0x	7.0	Ctr Ctr 0.5 0.69
H	MT20	3.0x	7.0	Ctr Ctr 0.84
D	MT20	5.0x	5.0	Ctr-1.0 0.94

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

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 4528 Lbs
Max tens. force 4054 Lbs
Quality Control Factor 1.25

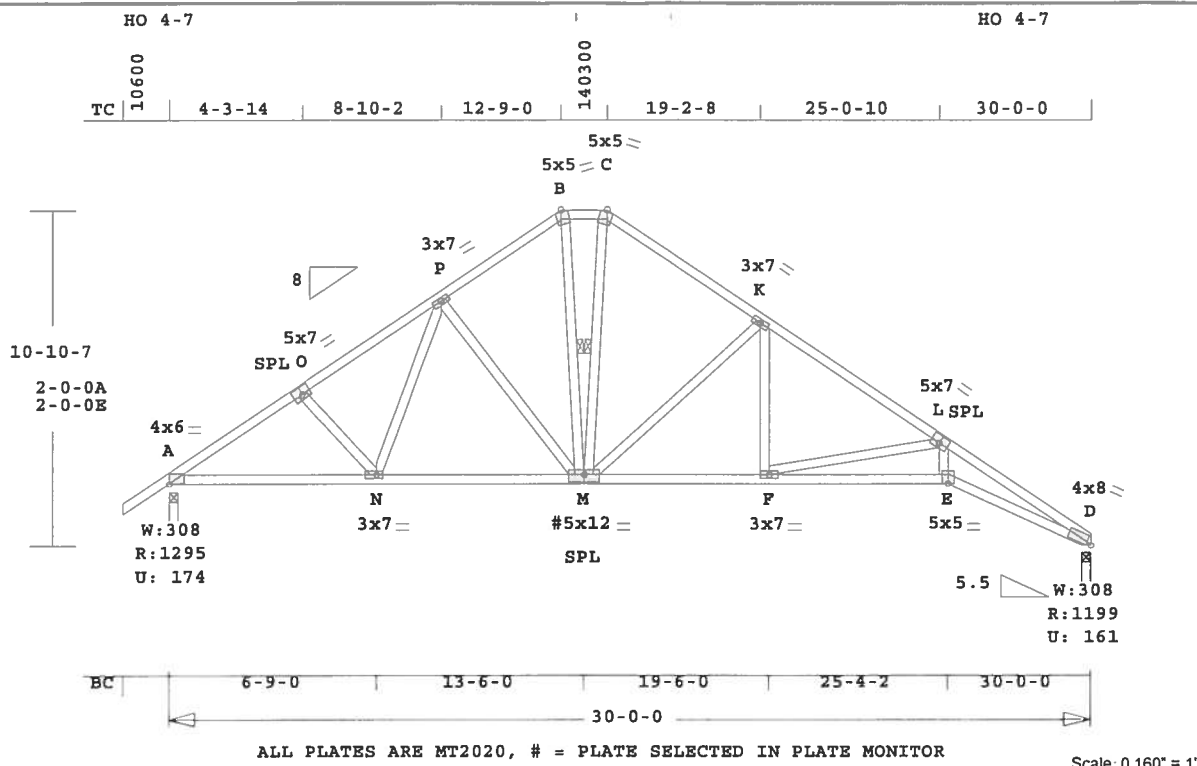


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October 12, 2007

Job KT-EVERETTE	Mark A3	Quan 1	Type SP	Span 300000	Pl-H1 8	Left OH 1- 6- 0	Right OH 0	Engineering T2727070
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 228.1 LBS
Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----
TC 0.48 2x 4 SP-#2
BC 0.87 2x 4 SP-#1
-- 0.71 2x 4 SP-#2
A -M M -E
WB 0.95 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 30- 0- 0
BC Cont. 0- 0- 0 30- 0- 0
One Continuous Lateral Brace
B -M M -C
Attach CLB with (2)-10d nails
at each web.

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 1296 175 U 209 R
D 1200 162 U 215 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 -O 0.17 1772 C 0.07 0.10
O -P 0.19 1602 C 0.07 0.12
P -B 0.18 1198 C 0.01 0.17
B -C 0.10 1027 C 0.06 0.04
C -K 0.39 1210 C 0.01 0.38
K -L 0.48 1919 C 0.06 0.42
L -D 0.45 4531 C 0.14 0.31
-----Bottom Chords-----

A -N	0.37	1472	T	0.15	0.22
N -M	0.34	1239	T	0.12	0.22
M -F	0.40	1617	T	0.27	0.13
F -E	0.71	3739	T	0.62	0.09
E -D	0.87	4057	T	0.53	0.34

O -N	0.04	222	C		
N -P	0.05	342	T		
P -M	0.27	403	C		
B -M	0.09	516	T	1 Br	
M -C	0.08	485	T	1 Br	
M -K	0.60	832	C		
F -K	0.10	573	T		
F -L	0.95	2169	C		
E -L	0.31	1682	T		

TL Defl -0.48" in F -E L/739
LL Defl -0.24" in E -D L/999
Hz Disp LL DL TL
Jt D 0.16" 0.16" 0.32"
Shear // Grain in K -L 0.23

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 6.0 0.5 0.4 0.64
O MT20 5.0x 7.0-0.3 0.5 0.67
P MT20 3.0x 7.0 Ctr Ctr 0.51
B MT20 5.0x 5.0 0.9-3.1 0.59
C MT20 5.0x 5.0-0.9-3.1 0.59
K MT20 3.0x 7.0 Ctr Ctr 0.45
L MT20 5.0x 7.0 0.3 0.5 0.67
D MT20 4.0x 8.0 Ctr Ctr 0.90
N MT20 3.0x 7.0-1.1 Ctr 0.54
M# MT20 5.0x12.0 Ctr-0.5 0.69
F MT20 3.0x 7.0 Ctr Ctr 0.84
E MT20 5.0x 5.0 Ctr-1.0 0.94

= Plate Monitor used

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.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
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 4531 Lbs
Max tens. force 4057 Lbs
Quality Control Factor 1.25

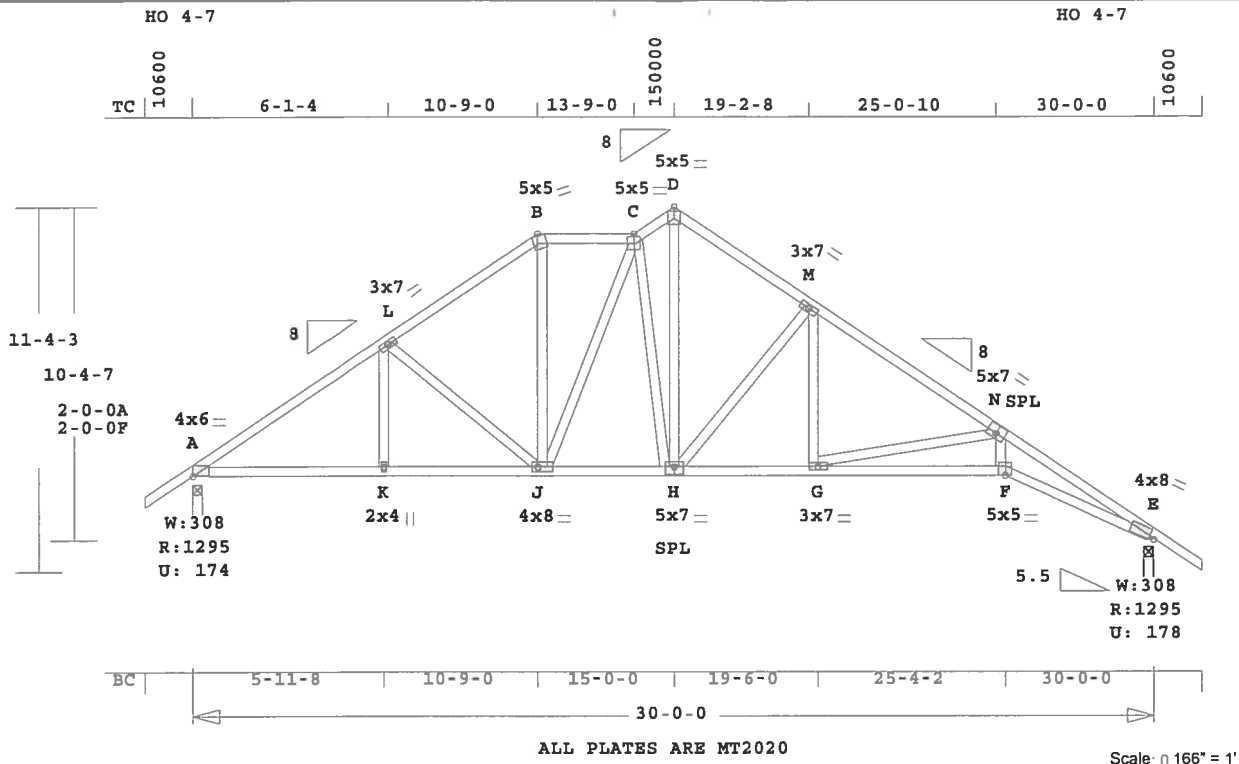


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October 12,2007

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-EVERETTE	A4	1	SP	300000	8	1- 6- 0	1- 6- 0	T2727071

ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 240.3 LBS
Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ---Lumber---
TC 0.49 2x 4 SP-#2
BC 0.87 2x 4 SP-#1
-- 0.71 2x 4 SP-#2
A -H H -F
WB 0.96 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 30- 0- 0
BC Cont. 0- 0- 0 30- 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 1296 175 U 196 R
E 1296 179 U 202 R

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

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

Membr CSI P Lbs Axl-CSt-Bnd
-----Top Chords-----
A -L 0.26 1712 C 0.07 0.19
L -B 0.25 1370 C 0.06 0.19
B -C 0.10 1134 C 0.00 0.10
C -D 0.11 1294 C 0.07 0.04
D -M 0.36 1349 C 0.01 0.35
M -N 0.49 1916 C 0.06 0.43
N -E 0.45 4537 C 0.14 0.31
-----Bottom Chords-----
A -K 0.31 1424 T 0.23 0.08

K -J 0.30 1424 T 0.23 0.07
J -H 0.25 1208 T 0.20 0.05
H -G 0.34 1613 T 0.27 0.07
G -F 0.71 3745 T 0.62 0.09
F -E 0.87 4063 T 0.53 0.34
-----Webs-----
K -L 0.03 217 T
L -J 0.18 374 C
J -B 0.09 508 T
J -C 0.14 195 C
C -H 0.41 607 C
H -D 0.40 1276 T
H -M 0.43 783 C
G -M 0.10 559 T
G -N 0.96 2180 C
F -N 0.31 1685 T

TL Defl -0.49" in G -F L/727
LL Defl -0.24" in F -E L/999
Hz Disp LL DL TL
Jt E 0.16" 0.16" 0.32"
Shear // Grain in M -N 0.23

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 6.0 0.5 0.4 0.64
L MT20 3.0x 7.0 Ctr Ctr 0.42
B MT20 5.0x 5.0 0.9-3.1 0.59
C MT20 5.0x 5.0 Ctr Ctr 0.82
D MT20 5.0x 5.0 Ctr Ctr 0.59
M MT20 3.0x 7.0 Ctr Ctr 0.45
N MT20 5.0x 7.0 0.3 0.5 0.67
E MT20 4.0x 8.0 Ctr Ctr 0.90
K MT20 2.0x 4.0 Ctr Ctr 0.41
J MT20 4.0x 8.0 Ctr Ctr 0.49
H MT20 5.0x 7.0 Ctr-0.5 0.71
G MT20 3.0x 7.0 Ctr Ctr 0.85
F MT20 5.0x 5.0 Ctr-1.0 0.94

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 4537 Lbs
Max tens. force 4063 Lbs
Quality Control Factor 1.25

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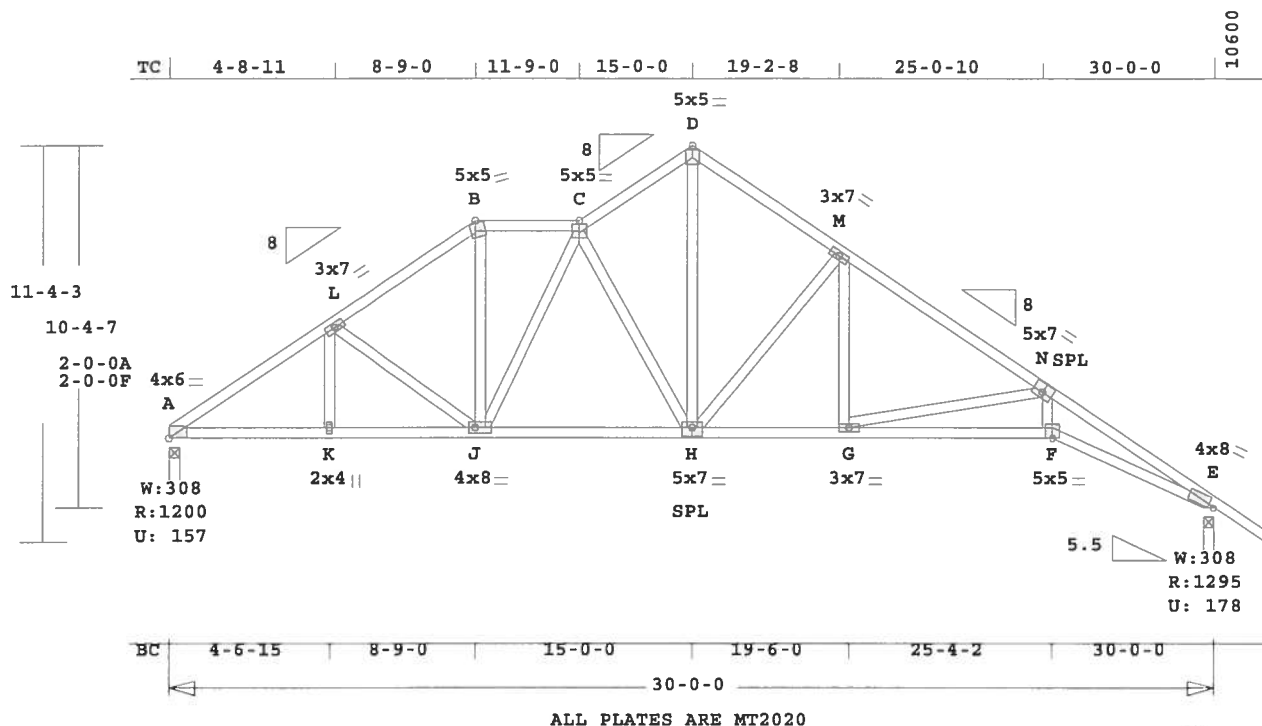
October 12,2007

Job KT-EVERETTE	Mark A5	Quan 1	Type SP	Span 300000	Pl-H1 8	Left OH 0	Right OH 1- 6- 0	Engineering T2727072
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ALAN & BRITTANY EVERETTE

HO 4-7

HO 4-7



ALL PLATES ARE MT2020

Scale: 0.181" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 226.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

	CSI	-Size-	---Lumber---
TC	0.49	2x 4	SP-#2
BC	0.87	2x 4	SP-#1
--	0.71	2x 4	SP-#2
A -H	H -F		
WB	0.96	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	30- 0- 0
BC	Cont.	0- 0- 0	30- 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	1200	158 U	196 R
E	1296	179 U	202 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	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 -L	0.18	1765 C	0.07	0.11
L -B	0.17	1505 C	0.06	0.11
B -C	0.10	1253 C	0.06	0.04
C -D	0.13	1320 C	0.07	0.06
D -M	0.36	1353 C	0.01	0.35
M -N	0.49	1915 C	0.06	0.43
N -E	0.45	4538 C	0.14	0.31
-----Bottom Chords-----				
A -K	0.33	1464 T	0.24	0.09

K -J	0.33	1464 T	0.24	0.09
J -H	0.33	1430 T	0.24	0.09
H -G	0.35	1612 T	0.27	0.08
G -F	0.71	3745 T	0.62	0.09
F -E	0.87	4064 T	0.53	0.34
-----Webs-----				
K -L	0.02	140 T		
L -J	0.09	266 C		
J -B	0.11	620 T		
J -C	0.21	393 C		
C -H	0.35	643 C		
H -D	0.38	1257 T		
H -M	0.43	777 C		
G -M	0.10	551 T		
G -N	0.96	2181 C		
F -N	0.31	1687 T		

TL Defl	-0.49"	in G -F	L/720
LL Defl	-0.24"	in F -E	L/999
Hz Disp	LL	DL	TL
Jt E	0.16"	0.16"	0.32"
Shear //	Grain	in M -N	0.23

Plates for each ply each face.

Plate	MT20	20 Ga,	Gross Area
Plate	MT2H	20 Ga, <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A	MT20	4.0x	6.0 0.5 0.4 0.64
L	MT20	3.0x	7.0 Ctr Ctr 0.42
B	MT20	5.0x	5.0 0.9-3.1 0.59
C	MT20	5.0x	5.0 Ctr Ctr 0.82
D	MT20	5.0x	5.0 Ctr Ctr 0.59
M	MT20	3.0x	7.0 Ctr Ctr 0.44
N	MT20	5.0x	7.0 0.3 0.5 0.67
E	MT20	4.0x	8.0 Ctr Ctr 0.90
K	MT20	2.0x	4.0 Ctr Ctr 0.41
J	MT20	4.0x	8.0 Ctr Ctr 0.47
H	MT20	5.0x	7.0 Ctr-0.5 0.69
G	MT20	3.0x	7.0 Ctr Ctr 0.85
F	MT20	5.0x	5.0 Ctr-1.0 0.94

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 4538 Lbs
Max tens. force 4064 Lbs
Quality Control Factor 1.25

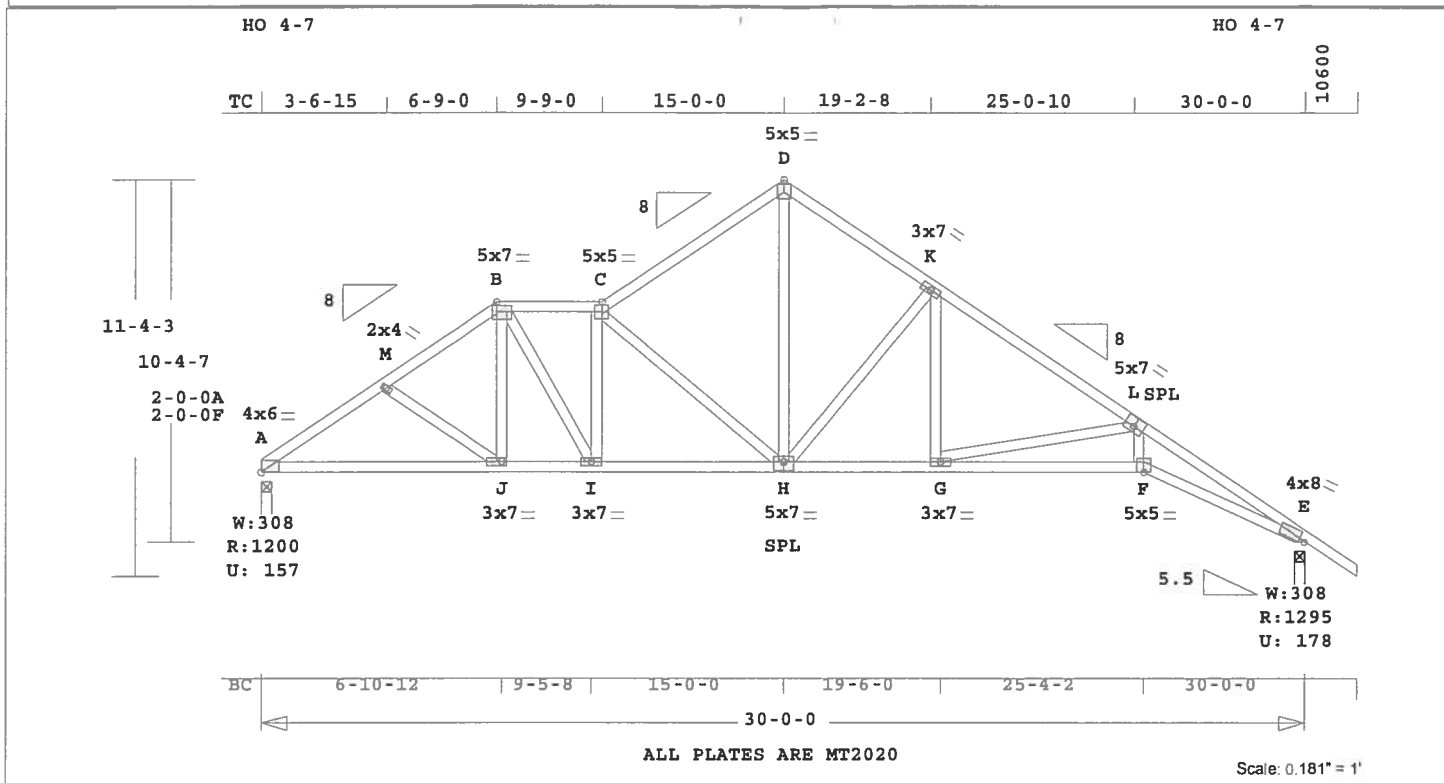


Thomas Albani, FL Lic. #39380
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

October 12,2007

Job KT-EVERETTE	Mark A6	Quan 1	Type SP	Span 300000	Pl-H1 8	Left OH 0	Right OH 1- 6- 0	Engineering T2727073
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 223.0 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ---Lumber---

TC	0.49	2x 4	SP-#2
BC	0.87	2x 4	SP-#1
--	0.71	2x 4	SP-#2
A -H	H -F		
WB	0.96	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	30- 0- 0
BC	Cont.	0- 0- 0	30- 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	1200	158 U	196 R
E	1296	179 U	202 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	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 -M	0.14	1781 C	0.07	0.07
M -B	0.13	1627 C	0.01	0.12
B -C	0.30	1712 C	0.01	0.29
C -D	0.35	1328 C	0.02	0.33
D -K	0.34	1352 C	0.01	0.33
K -L	0.49	1914 C	0.06	0.43
L -E	0.45	4541 C	0.14	0.31
-----Bottom Chords-----				
A -J	0.37	1472 T	0.24	0.13

J -I	0.29	1360 T	0.14	0.15
I -H	0.36	1724 T	0.28	0.08
H -G	0.35	1611 T	0.27	0.08
G -F	0.71	3749 T	0.62	0.09
F -E	0.87	4068 T	0.53	0.34
-----Webs-----				
M -J	0.03	164 C		
J -B	0.03	220 T		
B -I	0.12	691 T		
I -C	0.14	526 C		
C -H	0.47	788 C		
H -D	0.33	1192 T		
H -K	0.42	765 C		
G -K	0.10	552 T		
G -L	0.96	2187 C		
F -L	0.31	1688 T		

TL Defl	-0.50"	in G -F	L/712
LL Defl	-0.24"	in G -F	L/999
Hx Disp	LL	DL	TL
Jt E	0.16"	0.16"	0.32"
Shear //	Grain	in K -L	0.23

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 6.0	0.5 0.4 0.64
M	MT20	2.0x 4.0	Ctr Ctr 0.41
B	MT20	5.0x 7.0	Ctr-0.2 0.88
C	MT20	5.0x 5.0	Ctr Ctr 0.82
D	MT20	5.0x 5.0	Ctr Ctr 0.59
K	MT20	3.0x 7.0	Ctr Ctr 0.44
L	MT20	5.0x 7.0	0.3 0.5 0.67
E	MT20	4.0x 8.0	Ctr Ctr 0.90
J	MT20	3.0x 7.0	Ctr Ctr 0.41
I	MT20	3.0x 7.0	Ctr Ctr 0.49
H	MT20	5.0x 7.0	Ctr-0.5 0.69
G	MT20	3.0x 7.0	Ctr Ctr 0.85
F	MT20	5.0x 5.0	Ctr-1.0 0.94

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 4541 Lbs

Max tens. force 4068 Lbs

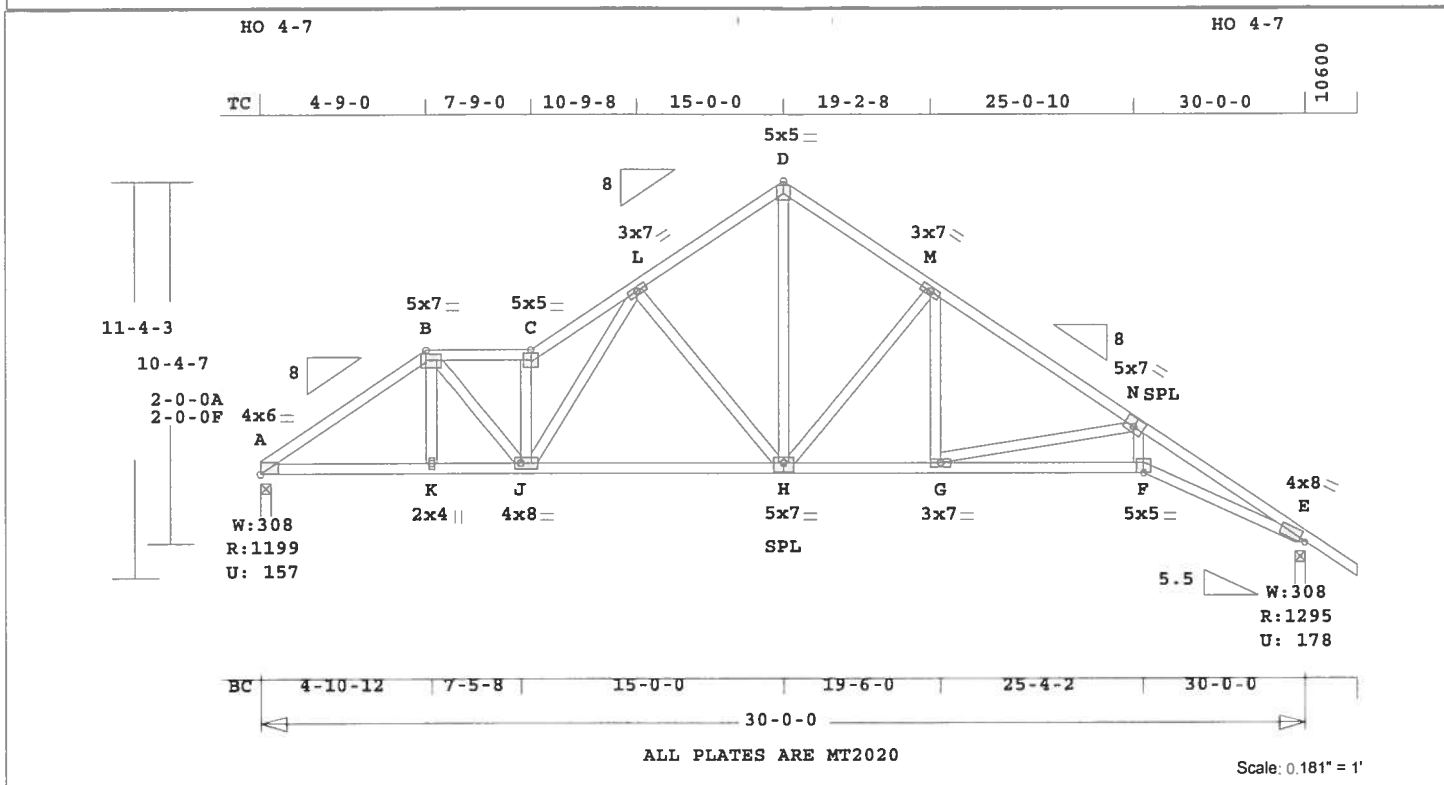
Quality Control Factor 1.25

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Robbins Engineering
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Tampa, FL 33610
FL Cert.#5555

October 12,2007

Job KT-EVERETTE	Mark A7	Quan 1	Type SP	Span 300000	Pl-Hl 8	Left OH 0	Right OH 1- 6- 0	Engineering T2727074
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 219.1 LBS
Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ---Lumber---

TC	0.49	2x 4	SP-#2
BC	0.87	2x 4	SP-#1
--	0.71	2x 4	SP-#2
A -H	H -F		
WB	0.96	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	30- 0- 0
BC	Cont.	0- 0- 0	30- 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	1200	158 U	196 R
E	1296	179 U	201 R

Jt	Brg Size	Required
A	3.5"	1.5"
E	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 -B	0.16	1758 C	0.07 0.09
B -C	0.24	2100 C	0.02 0.22
C -L	0.29	2477 C	0.04 0.25
L -D	0.22	1348 C	0.01 0.21
D -M	0.36	1358 C	0.01 0.35
M -N	0.49	1913 C	0.06 0.43
N -E	0.45	4538 C	0.14 0.31
-----Bottom Chords-----			
A -K	0.33	1458 T	0.24 0.09

K -J	0.35	1456 T	0.15 0.20
J -H	0.41	1554 T	0.26 0.15
H -G	0.42	1610 T	0.27 0.15
G -F	0.71	3745 T	0.62 0.09
F -E	0.87	4064 T	0.53 0.34
-----Webs-----			
K -B	0.01	82 T	
B -J	0.18	993 T	
J -C	0.23	1539 C	
J -L	0.19	1050 T	
L -H	0.39	706 C	
H -D	0.37	1274 T	
H -M	0.42	769 C	
G -M	0.09	541 T	
G -N	0.96	2183 C	
F -N	0.31	1688 T	

TL Defl	-0.51"	in G -F	L/695
LL Defl	-0.25"	in G -F	L/999
Hx Disp	LL	DL	TL
Jt E	0.16"	0.16"	0.33"
Shear //	Grain	in M -N	0.23

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 6.0	0.5 0.4 0.64
B	MT20	5.0x 7.0	Ctr-0.2 0.88
C	MT20	5.0x 5.0	Ctr Ctr 0.82
L	MT20	3.0x 7.0	Ctr Ctr 0.51
D	MT20	5.0x 5.0	Ctr Ctr 0.59
M	MT20	3.0x 7.0	Ctr Ctr 0.44
N	MT20	5.0x 7.0	0.3 0.5 0.67
E	MT20	4.0x 8.0	Ctr Ctr 0.90
K	MT20	2.0x 4.0	Ctr Ctr 0.41
J	MT20	4.0x 8.0	Ctr Ctr 0.45
H	MT20	5.0x 7.0	Ctr-0.5 0.69
G	MT20	3.0x 7.0	Ctr Ctr 0.85
F	MT20	5.0x 5.0	Ctr-1.0 0.94

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 4538 Lbs
Max tens. force 4064 Lbs
Quality Control Factor 1.25

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

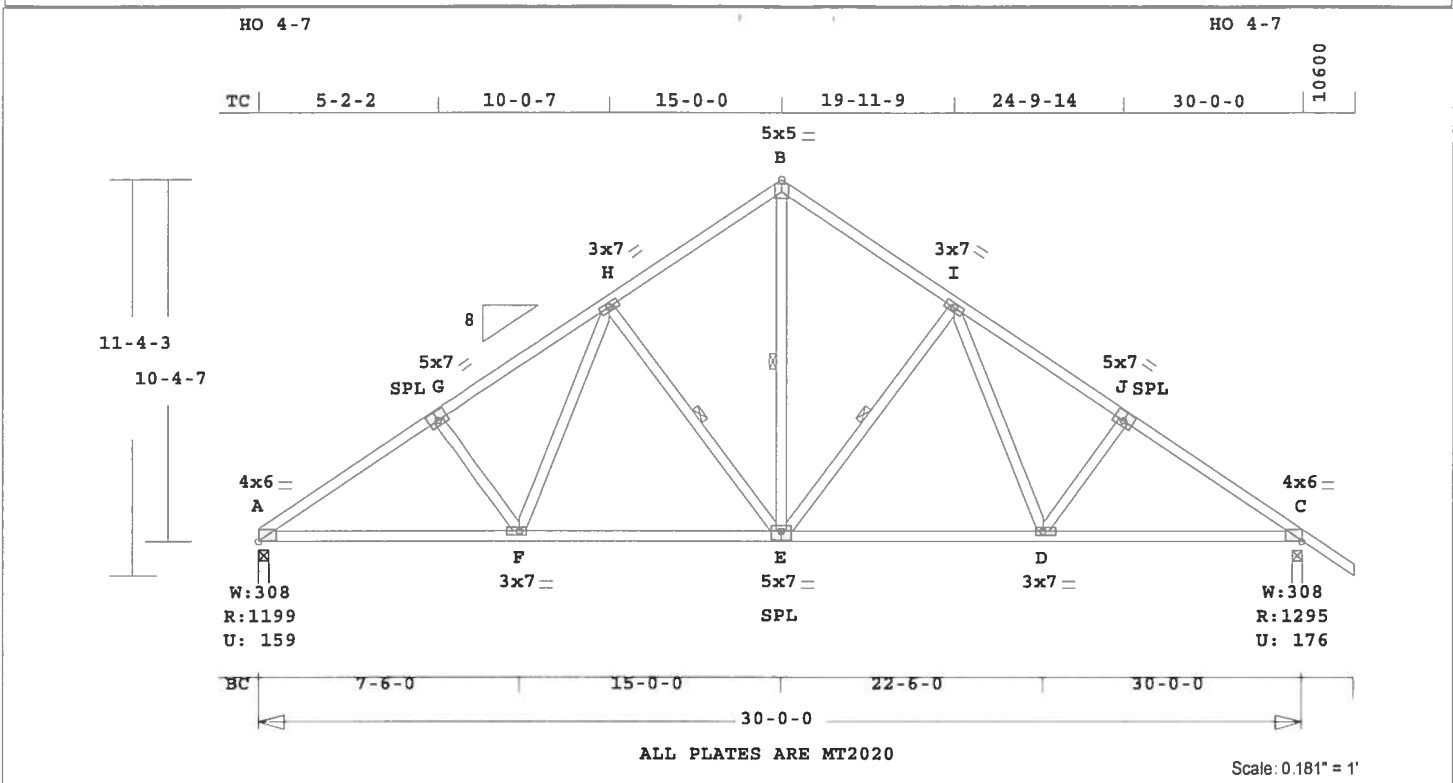
October 12, 2007

ALAN & BRITTANY EVERETTE



Job KT-EVERETTE	Mark A9	Quan 1	Type TR	Span 300000	Pl-H1 8	Left OH 0	Right OH 1- 6- 0	Engineering T2727076
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 218.6 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ---Lumber---
TC 0.23 2x 4 SP-#2
BC 0.42 2x 4 SP-#2
WB 0.16 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 30- 0- 0
BC Cont. 0- 0- 0 30- 0- 0
One Continuous Lateral Brace
H -E E -B E -I
Attach CLB with (2)-10d nails
at each web.

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 1200 160 U 222 R
C 1296 177 U 222 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 Ax1-CSI-Bnd
-----Top Chords-----
A -G 0.21 1731 C 0.07 0.14
G -H 0.23 1564 C 0.01 0.22
H -B 0.22 1083 C 0.00 0.22

B -I 0.22 1083 C 0.00 0.22
I -J 0.23 1564 C 0.01 0.22
J -C 0.21 1731 C 0.07 0.14
-----Bottom Chords-----
A -F 0.42 1441 T 0.14 0.28
F -E 0.41 1175 T 0.12 0.29
E -D 0.41 1175 T 0.12 0.29
D -C 0.42 1441 T 0.14 0.28
-----Webs-----
G -F 0.05 254 C
F -H 0.06 398 T
H -E 0.11 469 C 1 Br
E -B 0.16 911 T 1 Br
E -I 0.11 469 C 1 Br
I -D 0.06 398 T
D -J 0.05 254 C

TL Defl -0.15" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in G -H 0.16

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 6.0 0.5 0.4 0.64
G MT20 5.0x 7.0-0.3 0.5 0.67
H MT20 3.0x 7.0 Ctr Ctr 0.51
B MT20 5.0x 5.0 Ctr Ctr 0.59
I MT20 3.0x 7.0 Ctr Ctr 0.51
J MT20 5.0x 7.0 0.3 0.5 0.67
C MT20 4.0x 6.0-0.5 0.4 0.64
F MT20 3.0x 7.0-1.0 Ctr 0.53
E MT20 5.0x 7.0 Ctr-0.5 0.69
D MT20 3.0x 7.0 1.0 Ctr 0.53

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 1731 lbs

Max tens. force 1441 lbs

Quality Control Factor 1.25

REVIEWED BY:

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

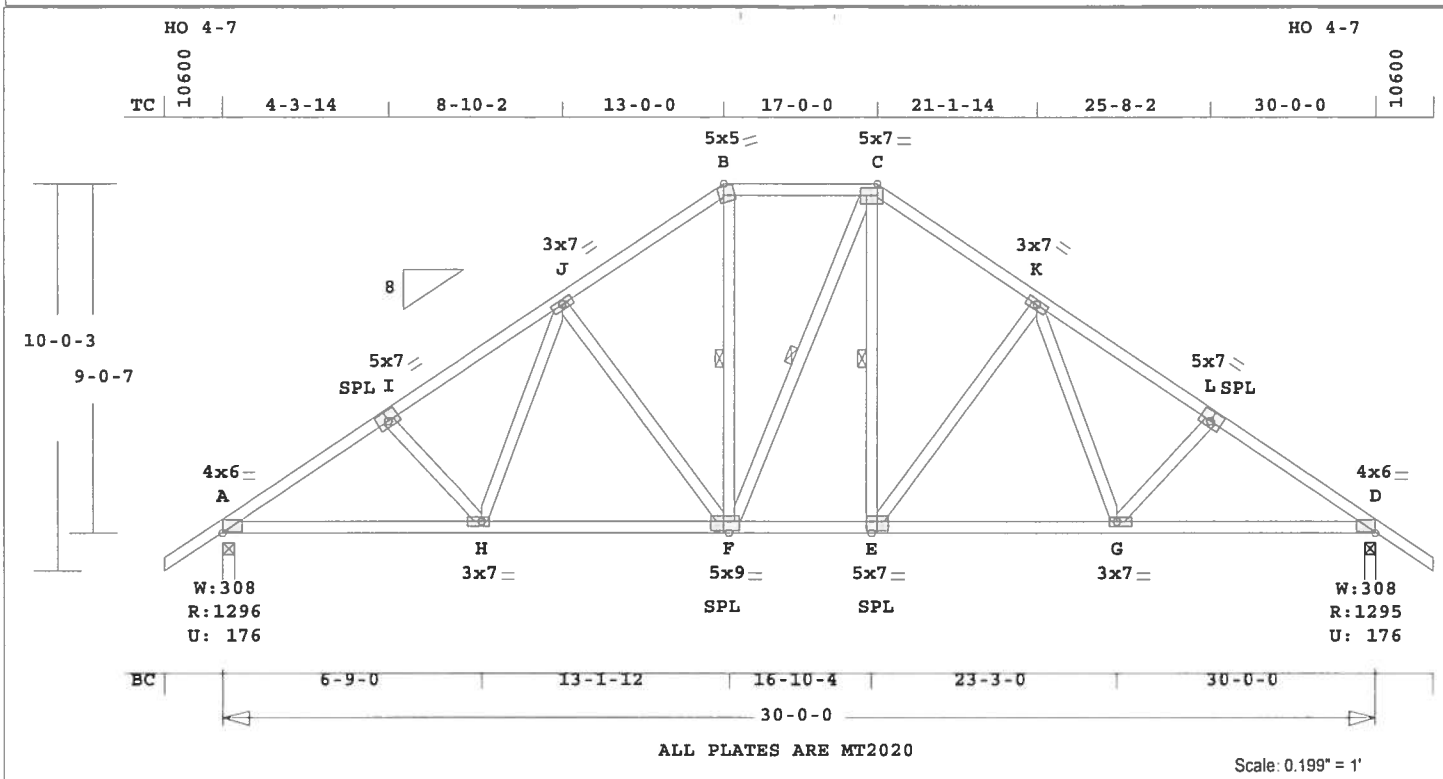
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR

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

October 12,2007

Job KT-EVERETTE	Mark A10	Quan 1	Type HIPP	Span 300000	Pl-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727077
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 242.6 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ---Lumber---
TC 0.20 2x 4 SP-#2
BC 0.37 2x 4 SP-#2
WB 0.26 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 30- 0- 0
BC Cont. 0- 0- 0 30- 0- 0
One Continuous Lateral Brace
F -B F -C E -C
Attach CLB with (2)-10d nails
at each web.

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 1296 177 U 193 R
D 1296 177 U 193 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 0.17 1772 C 0.07 0.10
I -J 0.20 1602 C 0.07 0.13
J -B 0.19 1209 C 0.06 0.13
B -C 0.14 1003 C 0.00 0.14
C -K 0.18 1207 C 0.06 0.12
K -L 0.19 1602 C 0.07 0.12

L -D 0.17 1773 C 0.07 0.10
-----Bottom Chords-----
A -H 0.37 1472 T 0.15 0.22
H -F 0.34 1239 T 0.12 0.22
F -E 0.25 999 T 0.16 0.09
E -G 0.34 1238 T 0.12 0.22
G -D 0.37 1473 T 0.15 0.22
-----Webs-----
I -H 0.04 221 C
H -J 0.05 342 T
J -F 0.26 403 C
F -B 0.07 419 T
F -C 0.02 104 T
E -C 0.07 421 T
E -K 0.26 400 C
K -G 0.05 344 T
G -L 0.04 222 C

TL Defl -0.15" in E -G L/999
LL Defl -0.06" in E -G L/999
Shear // Grain in I -J 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 4.0x 6.0 0.5 0.4 0.64
I MT20 5.0x 7.0-0.3 0.5 0.67
J MT20 3.0x 7.0 Ctr Ctr 0.51
B MT20 5.0x 5.0 0.9-3.1 0.59
C MT20 5.0x 7.0 Ctr-0.2 0.88
K MT20 3.0x 7.0 Ctr Ctr 0.51
L MT20 5.0x 7.0 0.3 0.5 0.67
D MT20 4.0x 6.0-0.5 0.4 0.64
H MT20 3.0x 7.0-1.1 Ctr 0.54
F MT20 5.0x 9.0 0.5-0.5 0.69
E MT20 5.0x 7.0 Ctr-0.5 0.69
G MT20 3.0x 7.0 1.1 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.

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 1773 Lbs
Max tens. force 1473 Lbs
Quality Control Factor 1.25

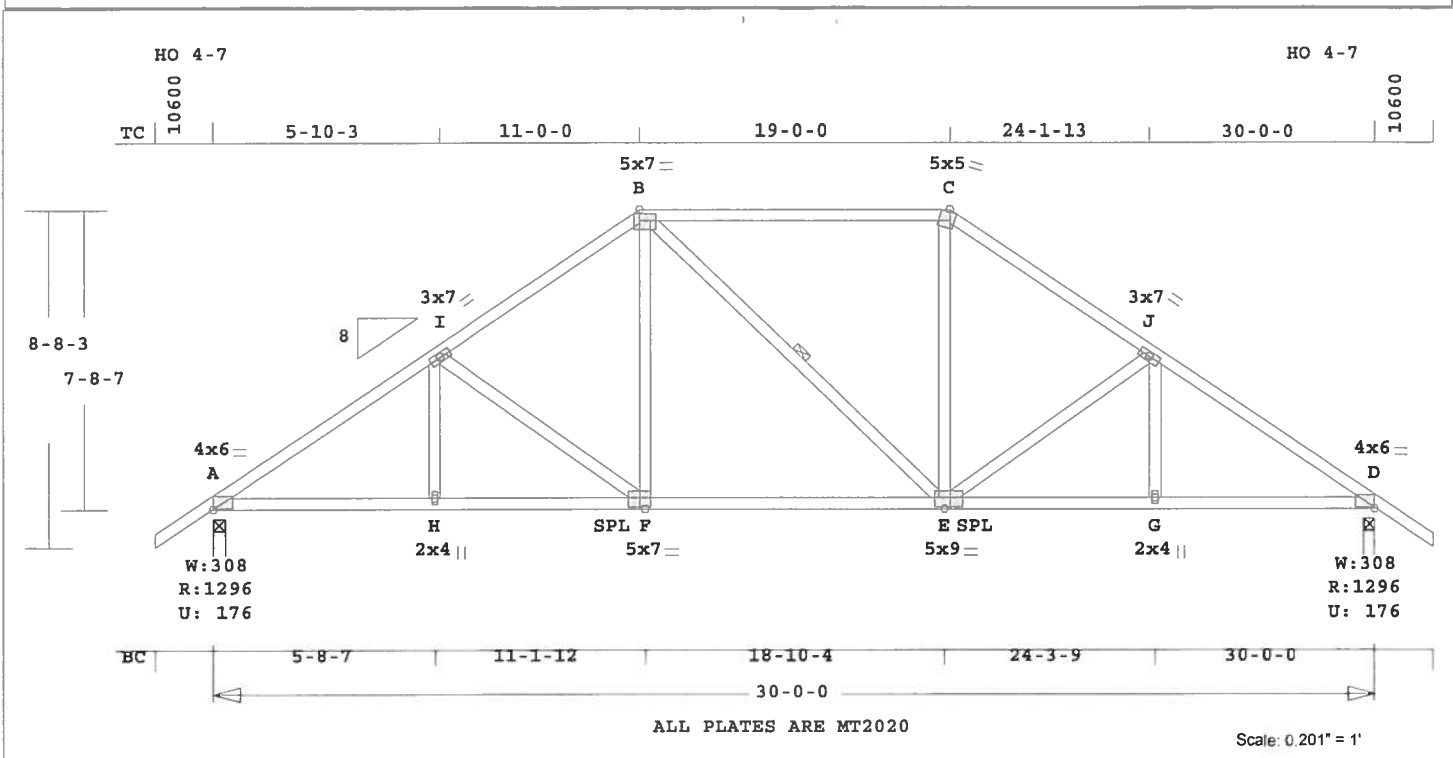
Thomas Albani

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

October 12, 2007

Job KT-EVERETTE	Mark A11	Quan 1	Type HIPP	Span 300000	Pl-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727078
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 213.1 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----
TC 0.64 2x 4 SP-#2
BC 0.41 2x 4 SP-#2
WB 0.19 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 30- 0- 0
BC Cont. 0- 0- 0 30- 0- 0

One Continuous Lateral Brace

B -E

Attach CLB with (2)-10d nails
at each web.

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 1296 177 U 163 R
D 1296 177 U 163 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-CSt-Bnd
-----Top Chords-----
A -I 0.25 1720 C 0.07 0.18
I -B 0.36 1364 C 0.01 0.35
B -C 0.64 1143 C 0.02 0.62
C -J 0.34 1366 C 0.01 0.33

J -D 0.25 1720 C 0.07 0.18
-----Bottom Chords-----
A -H 0.30 1429 T 0.23 0.07
H -F 0.39 1429 T 0.14 0.25
F -E 0.39 1138 T 0.12 0.27
E -G 0.41 1430 T 0.14 0.27
G -D 0.31 1430 T 0.24 0.07

-----Webs-----
H -I 0.03 197 T
I -F 0.19 361 C
F -B 0.06 424 T
B -E 0.03 98 T 1 Br
E -C 0.06 425 T
E -J 0.19 363 C
G -J 0.03 195 T

TL Defl -0.21" in F -E L/999
LL Defl -0.09" in F -E L/999
Shear // Grain in B -C 0.29

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 6.0 0.5 0.4 0.64
I MT20 3.0x 7.0 Ctr Ctr 0.42
B MT20 5.0x 7.0 Ctr-0.2 0.88
C MT20 5.0x 5.0-0.9-3.1 0.59
J MT20 3.0x 7.0 Ctr Ctr 0.42
D MT20 4.0x 6.0-0.5 0.4 0.64
H MT20 2.0x 4.0 Ctr Ctr 0.41
F MT20 5.0x 7.0 Ctr-0.5 0.69
E MT20 5.0x 9.0-0.5-0.5 0.69
G MT20 2.0x 4.0 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

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 1720 Lbs

Max tens. force 1430 Lbs

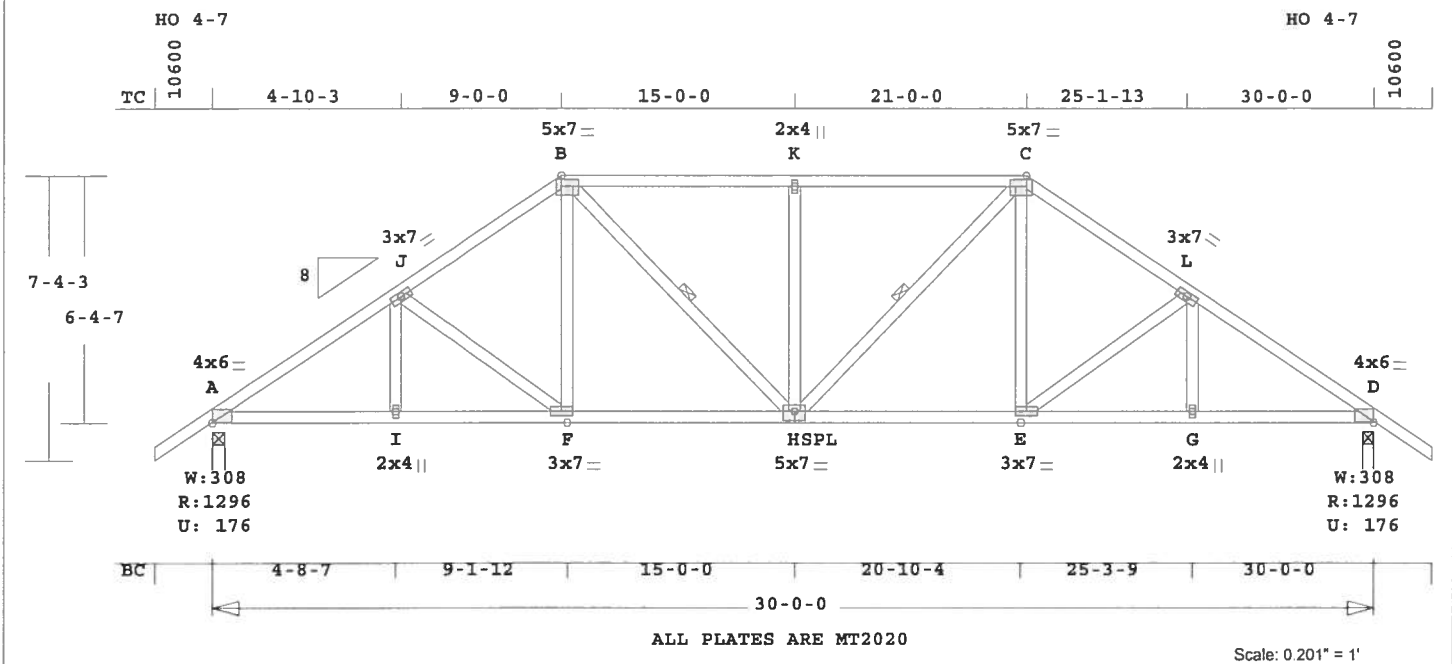
Quality Control Factor 1.25

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October 12,2007

Job KT-EVERETTE	Mark A12	Quan 1	Type HIPP	Span 300000	Pl-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727079
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 221.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ---Lumber---
TC 0.40 2x 4 SP-#2
BC 0.32 2x 4 SP-#2
WB 0.18 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 30- 0- 0
BC Cont. 0- 0- 0 30- 0- 0
One Continuous Lateral Brace
B -H H -C
Attach CLB with (2)-10d nails
at each web.

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 1296 177 U 133 R
D 1296 177 U 133 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 -J 0.18 1760 C 0.07 0.11
J -B 0.21 1488 C 0.01 0.20
B -K 0.40 1496 C 0.01 0.39
K -C 0.40 1496 C 0.01 0.39
C -L 0.21 1488 C 0.01 0.20

L -D 0.18 1760 C 0.07 0.11
-----Bottom Chords-----
A -I 0.32 1458 T 0.24 0.08
I -F 0.32 1458 T 0.24 0.08
F -H 0.32 1240 T 0.13 0.19
H -E 0.32 1240 T 0.13 0.19
E -G 0.32 1458 T 0.24 0.08
G -D 0.32 1458 T 0.24 0.08
-----Webs-----
I -J 0.02 155 T
J -F 0.10 281 C
F -B 0.04 322 T
B -H 0.06 367 T 1 Br
H -K 0.18 405 C
K -C 0.06 367 T 1 Br
C -E 0.04 322 T
E -L 0.10 281 C
L -D 0.02 155 T

TL Defl -0.14" in H -E L/999
LL Defl -0.06" in F -H L/999
Shear // Grain in B -K 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 4.0x 6.0 0.5 0.4 0.64
J MT20 3.0x 7.0 Ctr Ctr 0.42
B MT20 5.0x 7.0 Ctr-0.2 0.88
K MT20 2.0x 4.0 Ctr Ctr 0.41
C MT20 5.0x 7.0 Ctr-0.2 0.88
L MT20 3.0x 7.0 Ctr Ctr 0.42
D MT20 4.0x 6.0-0.5 0.4 0.64
I MT20 2.0x 4.0 Ctr Ctr 0.41
F MT20 3.0x 7.0 Ctr Ctr 0.41
H MT20 5.0x 7.0 Ctr-0.5 0.69
E MT20 3.0x 7.0 Ctr Ctr 0.41
G MT20 2.0x 4.0 Ctr Ctr 0.41

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

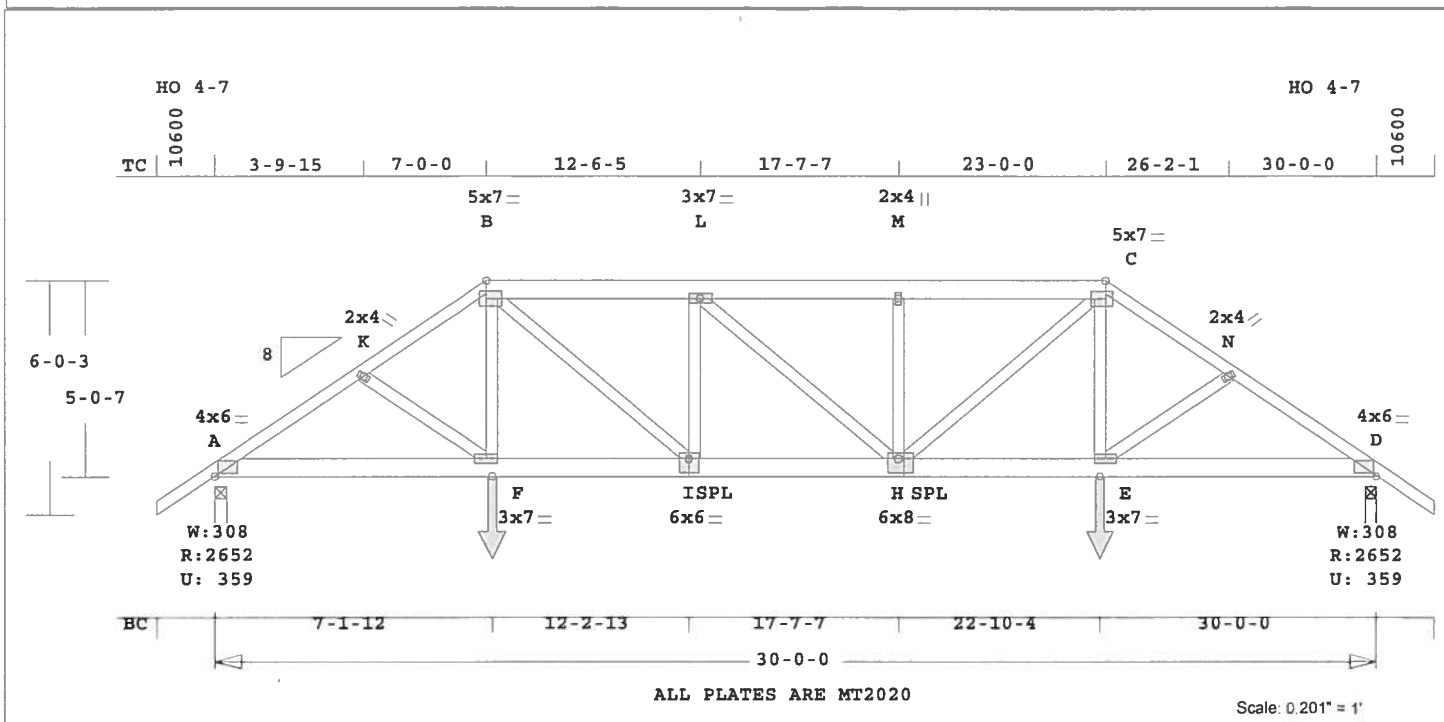
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components 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 1760 Lbs
Max tens. force 1458 Lbs
Quality Control Factor 1.25

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FL Cert.#5555

October 12,2007

Job KT-EVERETTE	Mark A13	Quan 1*2P	Type HIPP	Span 300000	Pl-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727080
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ALAN & BRITTANY EVERETTE



Online Plus -- Version 21.0.060
 RUN DATE: 11-OCT-07

 * 2-Ply Truss *

	CSI	-Size-	-----Lumber-----
TC	0.28	2x 4	SP-#2
--	0.20	2x 6	SP-#2
B -C			
BC	0.34	2x 6	SP-#2
WB	0.15	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	30- 0- 0
BC	Cont.	0- 0- 0	30- 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	2652	360	U 101 R
D	2652	360	U 101 R

Jt	Brg Size	Required
A	3.5"	1.6"
D	3.5"	1.6"

LC# 1 Girder Loading

Dur	Pctrs	- Lbr	1.25	Plt	1.25
plf	- Dead	Live*	From	To	
TC V	20	40	0.0'	30.0'	
BC V	20	0	0.0'	30.0'	
TC V	25	50	7.0'	23.0'	
BC V	25	0	7.1'	22.9'	
BC V	280	280	7.1'	CL-LB	
BC V	280	280	22.9'	CL-LB	

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -K	0.13	4160	C	0.04 0.09
K -B	0.28	4042	C	0.03 0.25
B -L	0.20	4634	C	0.01 0.19
L -M	0.18	4628	C	0.01 0.17
M -C	0.20	4628	C	0.01 0.19
C -N	0.28	4042	C	0.03 0.25

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 251.9 LBS

	N	-D	0.13	4160	C	0.04	0.09
-----Bottom Chords-----							
A -F	0.28	3439	T	0.23	0.05		
F -I	0.28	3390	T	0.22	0.06		
I -H	0.34	4634	T	0.30	0.04		
H -E	0.28	3391	T	0.22	0.06		
E -D	0.28	3439	T	0.23	0.05		
-----Webs-----							
K -F	0.00	116	C				
F -B	0.06	755	T				
B -I	0.15	1626	T				
I -L	0.04	786	C				
L -H	0.00	40	C				
H -M	0.04	784	C				
M -C	0.14	1617	T				
E -C	0.06	756	T				
E -N	0.00	116	C				

TL Defl -0.16" in I -H L/999
 LL Defl -0.08" in I -H L/999
 Shear // Grain in B -L 0.18

Plates for each ply each face.

Plate	- MT20	20 Ga,	Gross Area
Plate	- MT2H	20 Ga, <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A	MT20	4.0x	6.0 Ctr Ctr 0.62
K	MT20	2.0x	4.0 Ctr Ctr 0.41
B	MT20	5.0x	7.0-0.5 Ctr 0.93
L	MT20	3.0x	7.0 Ctr Ctr 0.42
M	MT20	2.0x	4.0 Ctr Ctr 0.41
C	MT20	5.0x	7.0 0.5 Ctr 0.93
N	MT20	2.0x	4.0 Ctr Ctr 0.41
D	MT20	4.0x	6.0 Ctr Ctr 0.62
F	MT20	3.0x	7.0 Ctr Ctr 0.41
I	MT20	6.0x	6.0 Ctr-1.2 0.55
H	MT20	6.0x	8.0-1.0-1.2 0.55
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
 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	

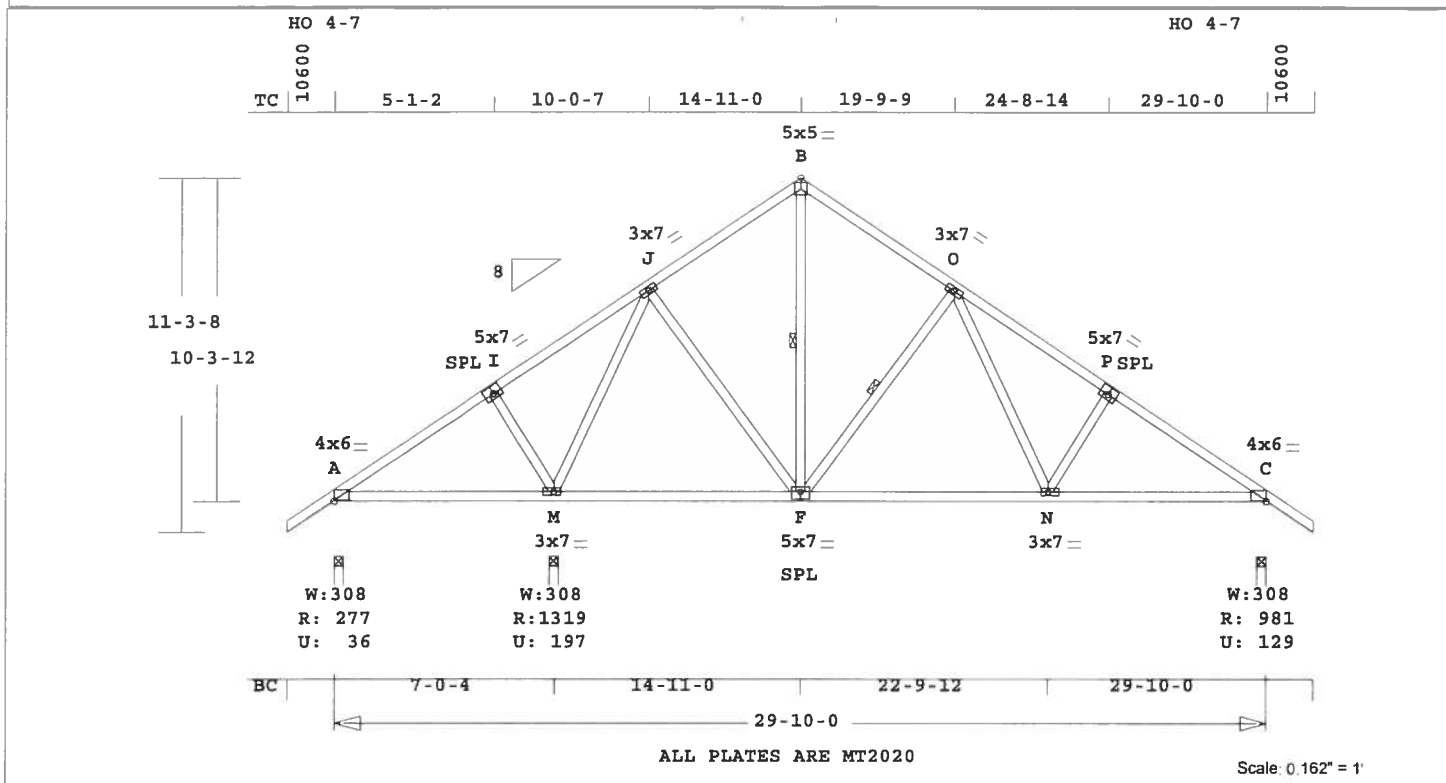
 Plus clusters of nails where
 shown.
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 4634 Lbs
 Max tens. force 4634 Lbs
 Quality Control Factor 1.25

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 FL Cert.#5555

October 12,2007

Job KT-EVERETTE	Mark B1	Quan 1	Type TR	Span 291000	Pl-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727081
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 220.7 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----
TC 0.29 2x 4 SP-#2
BC 0.40 2x 4 SP-#2
WB 0.68 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 29-10- 0
BC Cont. 0- 0- 0 29-10- 0
One Continuous Lateral Brace
F -B F -O
Attach CLB with (2)-10d nails
at each web.

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 277 37 U 221 R
M 1320 198 U
C 982 130 U 221 R

Jt Brg Size Required
A 3.5" 1.5"
M 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-CSt-Bnd
-----Top Chords-----
A -I 0.29 61 T 0.01 0.28
I -J 0.29 161 T 0.01 0.28

J -B	0.21	531	C	0.00	0.21
B -O	0.23	532	C	0.00	0.23
O -P	0.23	1051	C	0.00	0.23
P -C	0.21	1200	C	0.00	0.21
-----Bottom Chords-----					
A -M	0.33	155	T	0.00	0.33
M -F	0.35	270	T	0.02	0.33
F -N	0.40	712	T	0.07	0.33
N -C	0.39	1003	T	0.10	0.29
-----Webs-----					
I -M	0.05	281	C		
M -J	0.68	999	C		
J -F	0.05	284	T		
F -B	0.06	354	T		1 Br
F -O	0.11	471	C		1 Br
O -N	0.08	418	T		
N -P	0.05	261	C		

TL Defl -0.07" in A -M L/999
LL Defl -0.03" in A -M L/999
Shear // Grain in A -I 0.18

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 6.0 0.5 0.4 0.64
I MT20 5.0x 7.0-0.3 0.5 0.67
J MT20 3.0x 7.0 Ctr Ctr 0.48
B MT20 5.0x 5.0 Ctr Ctr 0.59
O MT20 3.0x 7.0 Ctr Ctr 0.48
P MT20 5.0x 7.0 0.3 0.5 0.67
C MT20 4.0x 6.0-0.5 0.4 0.64
M MT20 3.0x 7.0-0.9 Ctr 0.51
F MT20 5.0x 7.0 Ctr-0.5 0.69
N MT20 3.0x 7.0 0.9 Ctr 0.51

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 1200 Lbs

Max tens. force 1003 Lbs

Quality Control Factor 1.25

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

October 12,2007

ALAN & BRITTANY EVERETTE



Scale: 0.133" = 1'

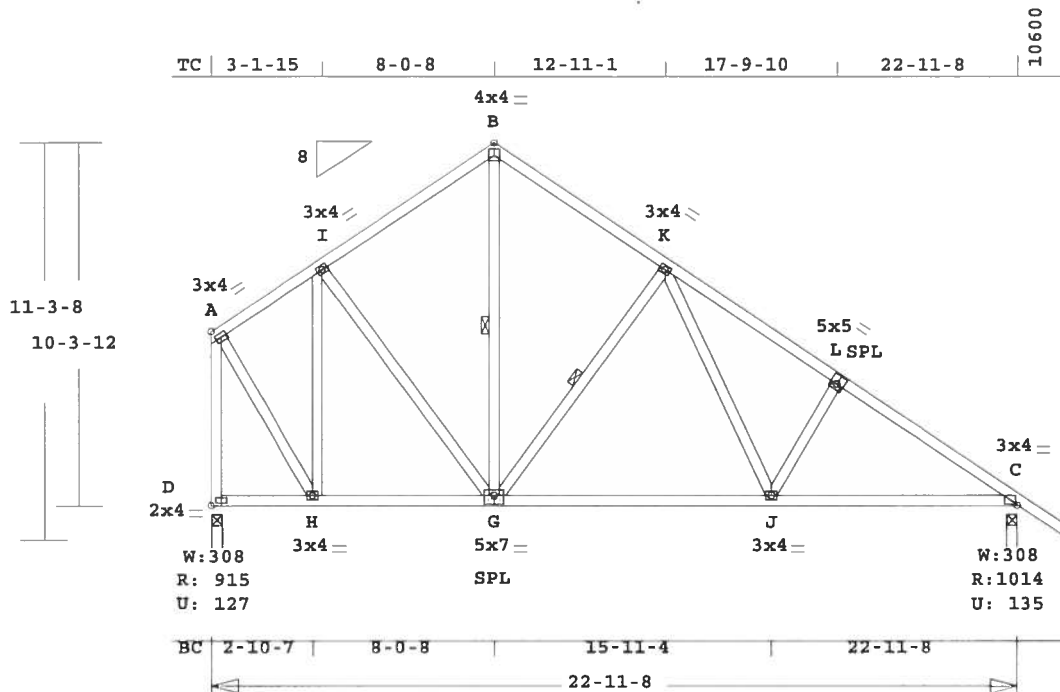
Robbins Engineering, Inc./Online Plus™ © 1996-2007 Version 21 0 060 Engineering - Portrait 10/11/2007 3 45 01 PM Page 1

Job KT-EVERETTE	Mark B3	Quan 6	Type TR	Span 221108	Pl-H1 8	Left OH 0	Right OH 1- 6- 0	Engineering T2727083
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ALAN & BRITTANY EVERETTE

HO 4-11-7

HO 4-7



ALL PLATES ARE MT2020

Scale: 0.182" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 198.8 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI	-Size-	-----Lumber-----
TC	0.22	2x 4 SP-#2
BC	0.41	2x 4 SP-#2
WB	0.29	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC	Cont.	0- 0- 0 22-11- 8
BC	Cont.	0- 0- 0 22-11- 8

One Continuous Lateral Brace
G -B G -K
Attach CLB with (2)-10d nails
at each web.

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-
D	915	127 U	281 R
C	1014	136 U	204 R

Jt	Brg Size	Required
D	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	-I	0.19	412 C 0.00 0.19
I	-B	0.19	585 C 0.00 0.19
B	-K	0.22	587 C 0.00 0.22

K	-L	0.22	1110 C	0.00	0.22
L	-C	0.20	1254 C	0.05	0.15
-----Bottom Chords-----					
D	-H	0.06	219 T	0.00	0.06
H	-G	0.29	360 T	0.03	0.26
G	-J	0.38	759 T	0.07	0.31
J	-C	0.41	1047 T	0.10	0.31
-----Webs-----					
D	-A	0.28	892 C	WindLd	
A	-H	0.12	694 T		
H	-I	0.29	522 C		
I	-G	0.05	205 T		
G	-B	0.07	397 T		1 Br
G	-K	0.11	470 C		1 Br
K	-J	0.08	427 T		
J	-L	0.05	261 C		

TL Defl -0.16" in G -J L/999
LL Defl -0.07" in G -J L/999
Shear // Grain in G -J 0.17

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 0.73
I MT20 3.0x 4.0 Ctr Ctr 0.66
B MT20 4.0x 4.0 Ctr Ctr 0.66
K MT20 3.0x 4.0 Ctr Ctr 0.61
L MT20 5.0x 5.0 0.3 0.5 0.59
C MT20 3.0x 4.0 Ctr Ctr 0.77
D MT20 2.0x 4.0 Ctr Ctr 0.69
H MT20 3.0x 4.0 Ctr Ctr 0.55
G MT20 5.0x 7.0 Ctr-0.5 0.61
J MT20 3.0x 4.0 Ctr Ctr 0.46

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 1254 Lbs

Max tens. force 1047 Lbs

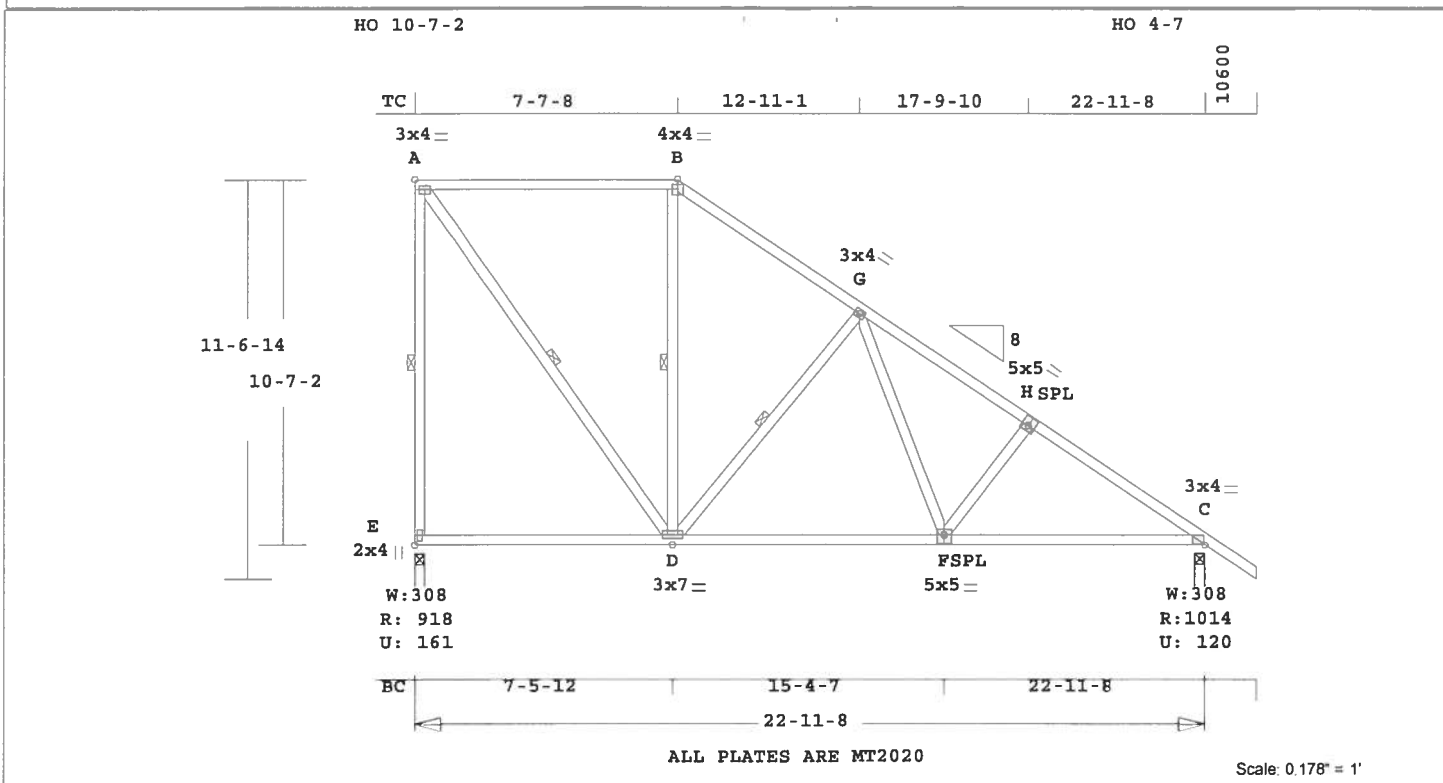
Quality Control Factor 1.25

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

October 12, 2007

Job KT-EVERETTE	Mark B4	Quan 1	Type HHIP	Span 221108	Pl-H1 8	Left OH 0	Right OH 1- 6- 0	Engineering T2727084
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 193.5 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----

TC	0.61	2x 4	SP-#2
BC	0.44	2x 4	SP-#2
WB	0.59	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	22-11- 8
BC	Cont.	0- 0- 0	22-11- 8

One Continuous Lateral Brace
E -A A -D D -B D -G
Attach CLB with (2)-10d nails
at each web.

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-
E	918	162 U	368 R
C	1014	121 U	196 R

Jt	Brg Size	Required
E	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	Ax1-CSI-Bnd
-----Top Chords-----				
A -B	0.61	464 C	0.00	0.61
B -G	0.27	554 C	0.00	0.27
G -H	0.21	1070 C	0.05	0.16

H -C	0.21	1245 C	0.00	0.21
-----Bottom Chords-----				
E -D	0.37	289 T	0.00	0.37
D -F	0.44	762 T	0.07	0.37
F -C	0.40	1041 T	0.10	0.30
-----Webs-----				
E -A	0.59	857 C	WindLd	1 Br
A -D	0.14	800 T		1 Br
D -B	0.03	142 T		1 Br
D -G	0.12	475 C		1 Br
G -F	0.07	412 T		
F -H	0.05	258 C		

TL Defl -0.16" in E -D L/999
LL Defl -0.08" in E -D L/999
Shear // Grain in A -B 0.30

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 0.73
B MT20 4.0x 4.0 Ctr Ctr 0.91
G MT20 3.0x 4.0 Ctr Ctr 0.60
H MT20 5.0x 5.0 0.3 0.5 0.59
C MT20 3.0x 4.0 Ctr Ctr 0.77
E MT20 2.0x 4.0 Ctr Ctr 0.38
D MT20 3.0x 7.0 Ctr Ctr 0.58
F MT20 5.0x 5.0 Ctr-0.5 0.61

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 1245 Lbs
Max tens. force 1041 Lbs
Quality Control Factor 1.25

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FL Cert #5555

October 12,2007

ALAN & BRITTANY EVERETTE



Scale: 0.176" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 194.4 LBS

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 1245 Lbs
Max tens. force 1041 Lbs
Quality Control Factor 1.25

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

ALAN & BRITTANY EVERETTE



Scale: 0.216" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 216.6 LBS

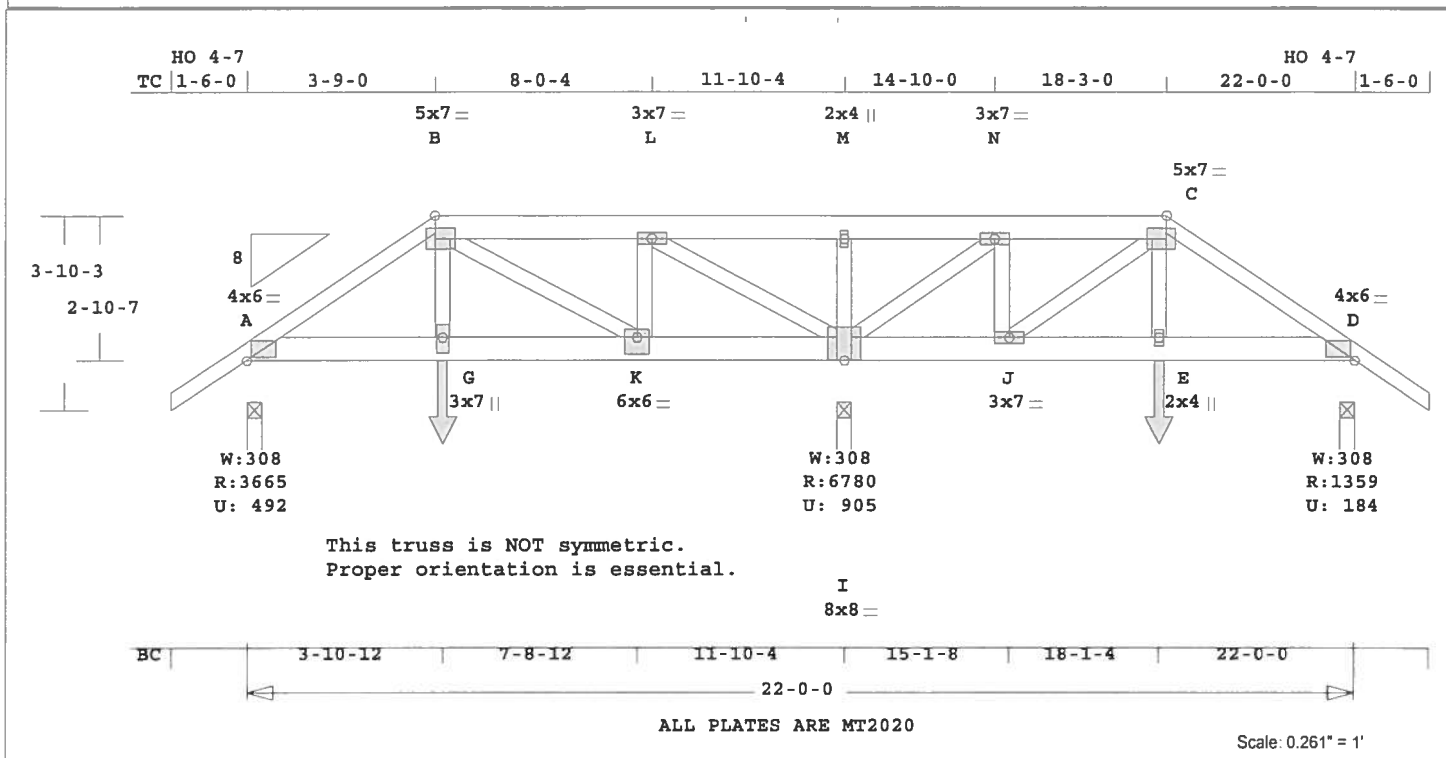
REFER TO ROBBINS ENG. GENERAL

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

October 12, 2007

Job KT-EVERETTE	Mark C1	Quan 1*2P	Type SP	Span 220000	Pl-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727087
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ALAN & BRITTANY EVERETTE



Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

* 2-Ply Truss *

CSI -Size- ----Lumber----

TC	0.41	2x 4	SP-#2
--	0.26	2x 6	SP-#2
B -C			
BC	0.62	2x 6	SP-#2
WB	0.32	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	22- 0- 0
BC	Cont.	0- 0- 0	22- 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	3666	492 U	51 R
I	6781	905 U	
D	1359	185 U	51 R

Jt	Brg Size	Required
A	3.5"	2.2"
I	3.5"	1.5"
D	3.5"	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'	22.0'	
BC V	20	0	0.0'	22.0'	
BC V	280	280	0.0'	11.9'	
BC V	120	120	11.9'	22.0'	
TC V	9	18	3.8'	18.2'	
BC V	9	0	3.9'	18.1'	
BC V	69	69	3.9'	CL-LB	
BC V	69	69	18.1'	CL-LB	

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

Membr CSI P Lbs Axl-CSI-Bnd

-----Top Chords-----				
A -B	0.41	4249 C	0.03	0.38
B -L	0.23	3243 C	0.01	0.22

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 175.2 LBS

L -M	0.26	1783 T	0.11	0.15
M -N	0.26	1783 T	0.11	0.15
N -C	0.10	188 C	0.00	0.10
C -D	0.17	1191 C	0.00	0.17
-----Bottom Chords-----				
A -G	0.53	3633 T	0.24	0.29
G -K	0.62	3518 T	0.23	0.39
K -I	0.61	3243 T	0.21	0.40
I -J	0.41	188 T	0.01	0.40
J -E	0.15	982 T	0.06	0.09
E -D	0.21	1032 T	0.06	0.15
-----Webs-----				
G -B	0.20	2282 T		
B -K	0.01	314 C		
K -L	0.24	2713 T		
L -I	0.32	5877 C		
I -M	0.01	407 C		
I -N	0.12	2490 C		
J -N	0.11	1263 T		
J -C	0.05	975 C		
E -C	0.09	1067 T		

TL Defl	-0.09"	in G -K	L/999
LL Defl	-0.05"	in G -K	L/999
Shear //	Grain	in G -K	0.53

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 6.0	Ctr Ctr 0.54
B	MT20	5.0x 7.0	0.5 Ctr 0.80
L	MT20	3.0x 7.0	Ctr Ctr 0.90
M	MT20	2.0x 4.0	Ctr Ctr 0.38
N	MT20	3.0x 7.0	Ctr Ctr 0.37
C	MT20	5.0x 7.0	0.5 Ctr 0.80
D	MT20	4.0x 6.0	Ctr Ctr 0.54
G	MT20	3.0x 7.0	Ctr-0.3 0.45
K	MT20	6.0x 6.0	Ctr-1.1 0.49
I	MT20	8.0x 8.0	Ctr 1.2 0.88
J	MT20	3.0x 7.0	Ctr Ctr 0.36
E	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
Girder Step Down Hip

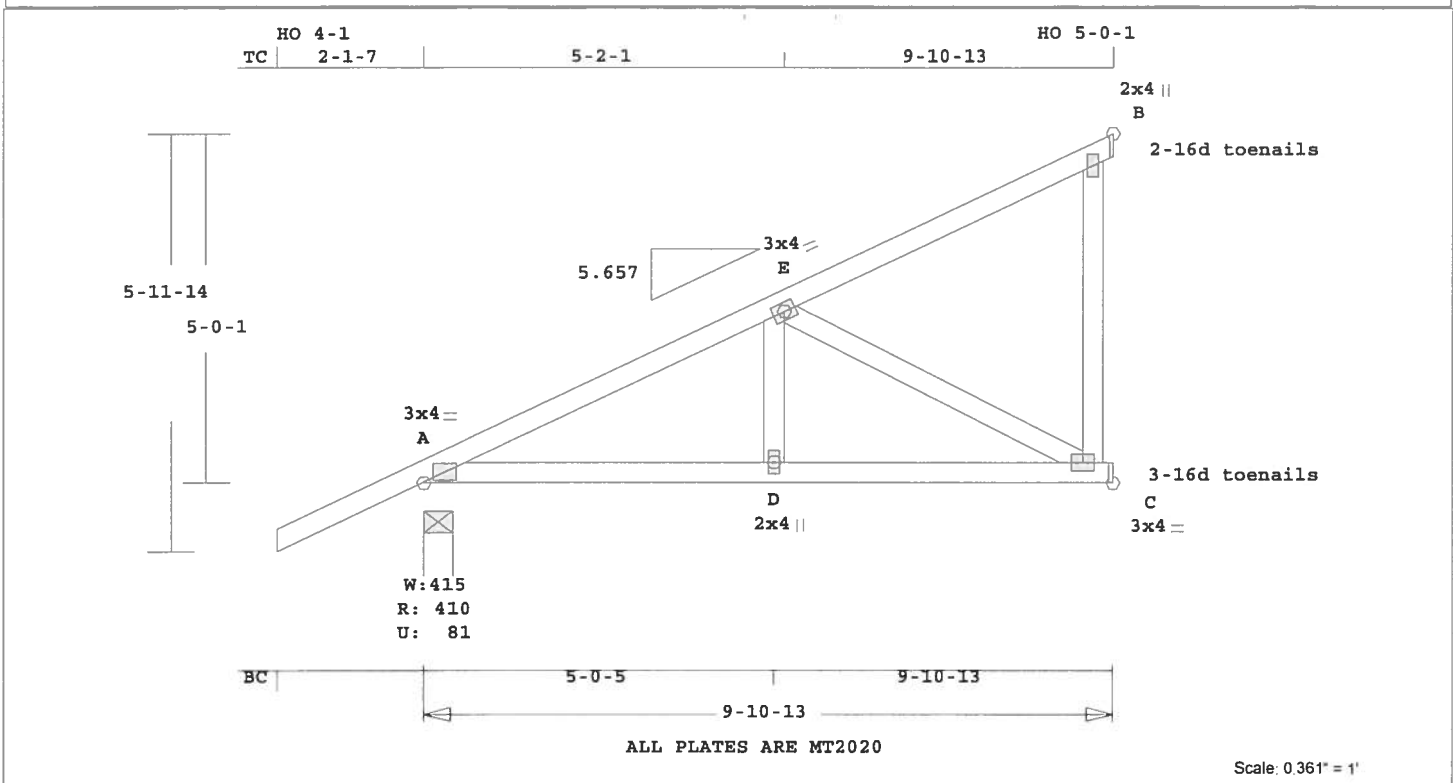
Framing King Jacks
Jack Open Faced
Setback 3- 9- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails
as each layer is applied.)
----Spacing (in)----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 2 12 24 0
WB 1 8 8
OH Loading
Soffit psf 2.0
Run vertical thru bottom chord
Joint I
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 5877 Lbs
Max tens. force 3633 Lbs
Quality Control Factor 1.25

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

October 12,2007

Job KT-EVERETTE	Mark CJI	Quan 2	Type MONO.DD	Span 91013	Pl-H1 5.657	Left OH 2- 1- 7	Right OH 0	Engineering T2727088
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 65.4 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

	CSI	-Size-	---	Lumber----
TC	0.43	2x 4	SP-#2	
BC	0.25	2x 4	SP-#2	
WB	0.17	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	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	411	82 U	119 R
C	348	16 U	
B	243	87 U	170 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 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.35	500	C	0.02	0.33
E -B	0.43	107	T	0.00	0.43
-----Bottom Chords-----					
A -D	0.22	472	T	0.05	0.17
D -C	0.25	472	T	0.05	0.20
-----Webs-----					
D -E	0.03	236	T		
E -C	0.17	533	C		
C -B	0.10	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	0.28

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 0.61
E MT20 3.0x 4.0 Ctr Ctr 0.45
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

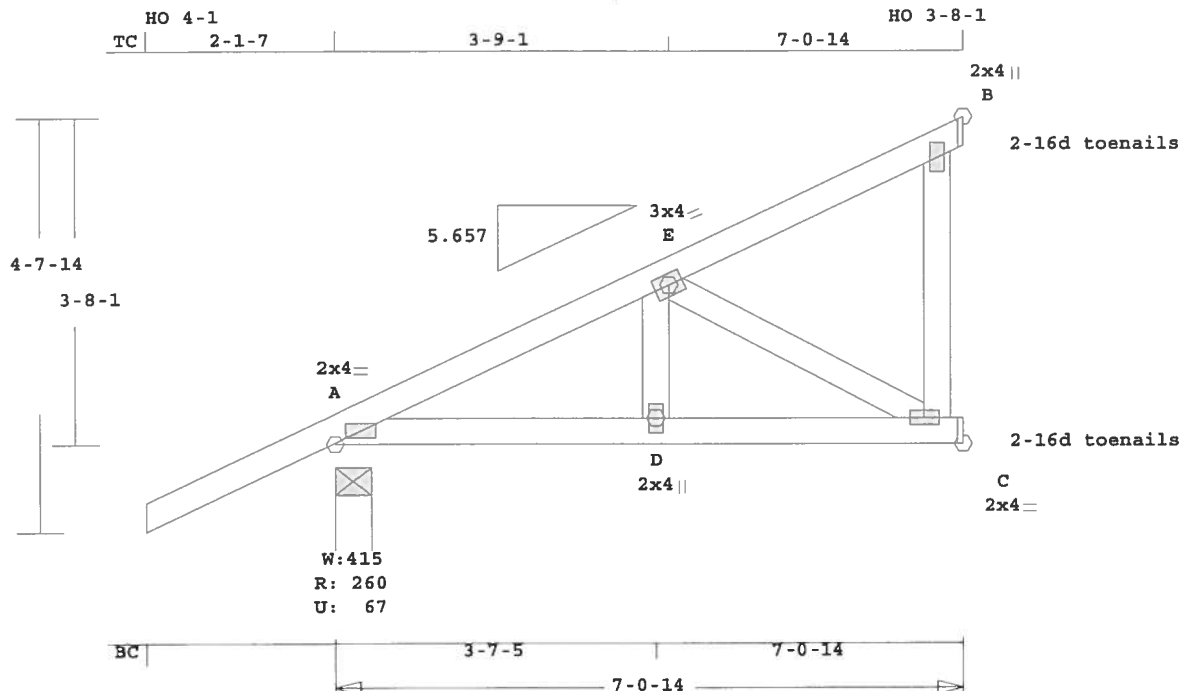
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind 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 533 Lbs
Max tens. force 472 Lbs
Quality Control Factor 1.25

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

October 12,2007

Job KT-EVERETTE	Mark CJ2	Quan 2	Type MONO.DD	Span 70014	Pl-H1 5.657	Left OH 2- 1- 7	Right OH 0	Engineering T2727089
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ALAN & BRITTANY EVERETTE



ALL PLATES ARE MT2020

Scale: 0.460" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 47.4 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI	-Size-	----Lumber----
TC	0.18	2x 4 SP-#2
BC	0.08	2x 4 SP-#2
WB	0.05	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC	Cont.	0- 0- 0 7- 0-14
BC	Cont.	0- 0- 0 7- 0-14

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	260	67 U	81 R
C	166	6 U	
B	120	38 U	96 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' 7.1'
BC V	20	0 0.0' 7.1'
TC V	-20	-40 0.0' 7.1'
BC V	-20	0 0.0' 7.1'

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -E	0.13	220 C	0.01	0.12
E -B	0.18	59 T	0.00	0.18
-----Bottom Chords-----				
A -D	0.06	208 T	0.02	0.04
D -C	0.08	208 T	0.02	0.06
-----Webs-----				
D -E	0.01	106 T		
E -C	0.04	237 C		
C -B	0.05	0 T	WindLd	

TL Defl	-0.01"	in D -C	L/999
LL Defl	0.00"	in D -C	L/999
Shear //	Grain	in E -B	0.17

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 0.71
E MT20 3.0x 4.0 Ctr Ctr 0.41
B MT20 2.0x 4.0 Ctr Ctr 0.38
D MT20 2.0x 4.0 Ctr Ctr 0.38
C MT20 2.0x 4.0 Ctr Ctr 0.75

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 5- 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 237 Lbs

Max tens. force 226 Lbs

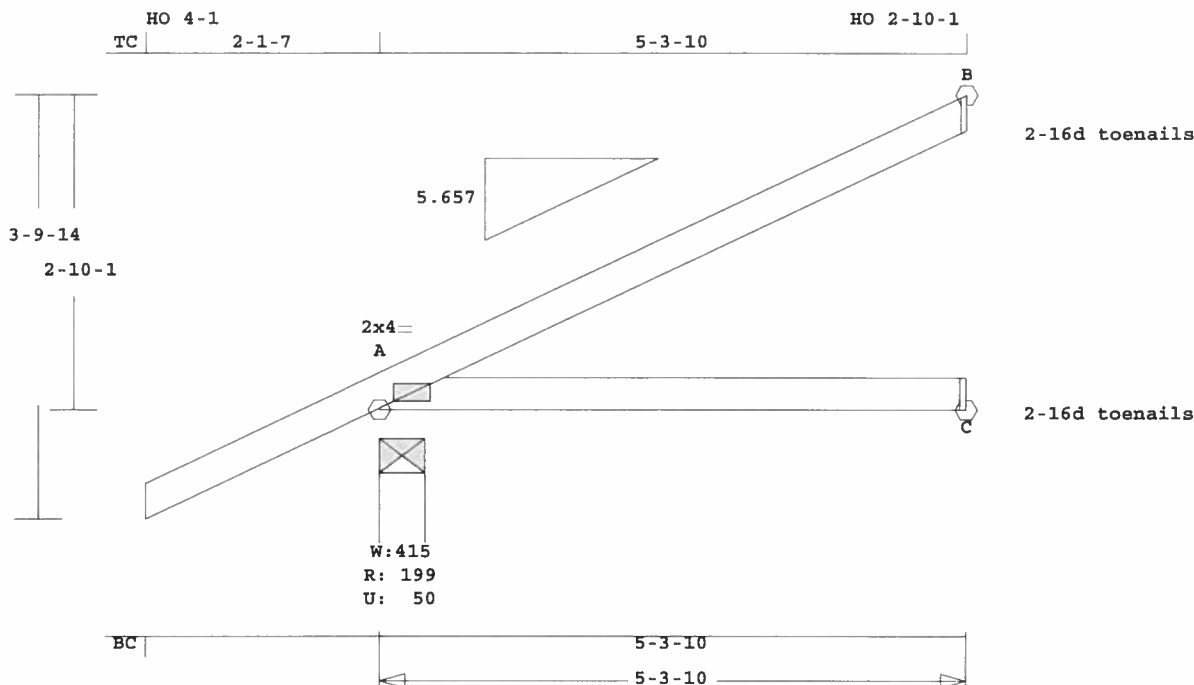
Quality Control Factor 1.25

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

October 12,2007

Job KT-EVERETTE	Mark CJ3	Quan 2	Type JCA2.DD	Span 50310	Pl-H1 5.657	Left OH 2- 1- 7	Right OH 0	Engineering T2727090
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ALAN & BRITTANY EVERETTE



Scale: 0.573" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 25.8 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

	CSI	-Size-	----	Lumber----
TC	0.22	2x 4	SP-#2	
BC	0.12	2x 4	SP-#2	

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5- 3-10
BC	Cont.	0- 0- 0	5- 3-10

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	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	199	51 U	114 R
C	67		
B	102	44 U	25 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	3.5"	1.5"
B	3.5"	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' 5.3'
BC V 20 0 0.0' 5.3'
TC V -20 -40 0.0' 5.3'
BC V -20 0 0.0' 5.3'

Plus 7 Wind Load Case(s)

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.22	96 C	0.00	0.22	
-----Bottom Chords-----					
A -C	0.12	0 T	0.00	0.12	

TL Defl	-0.03"	in A -C	L/999
LL Defl	-0.01"	in A -C	L/999
Shear // Grain	in A -B	0.16	

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 0.67

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 3- 9- 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

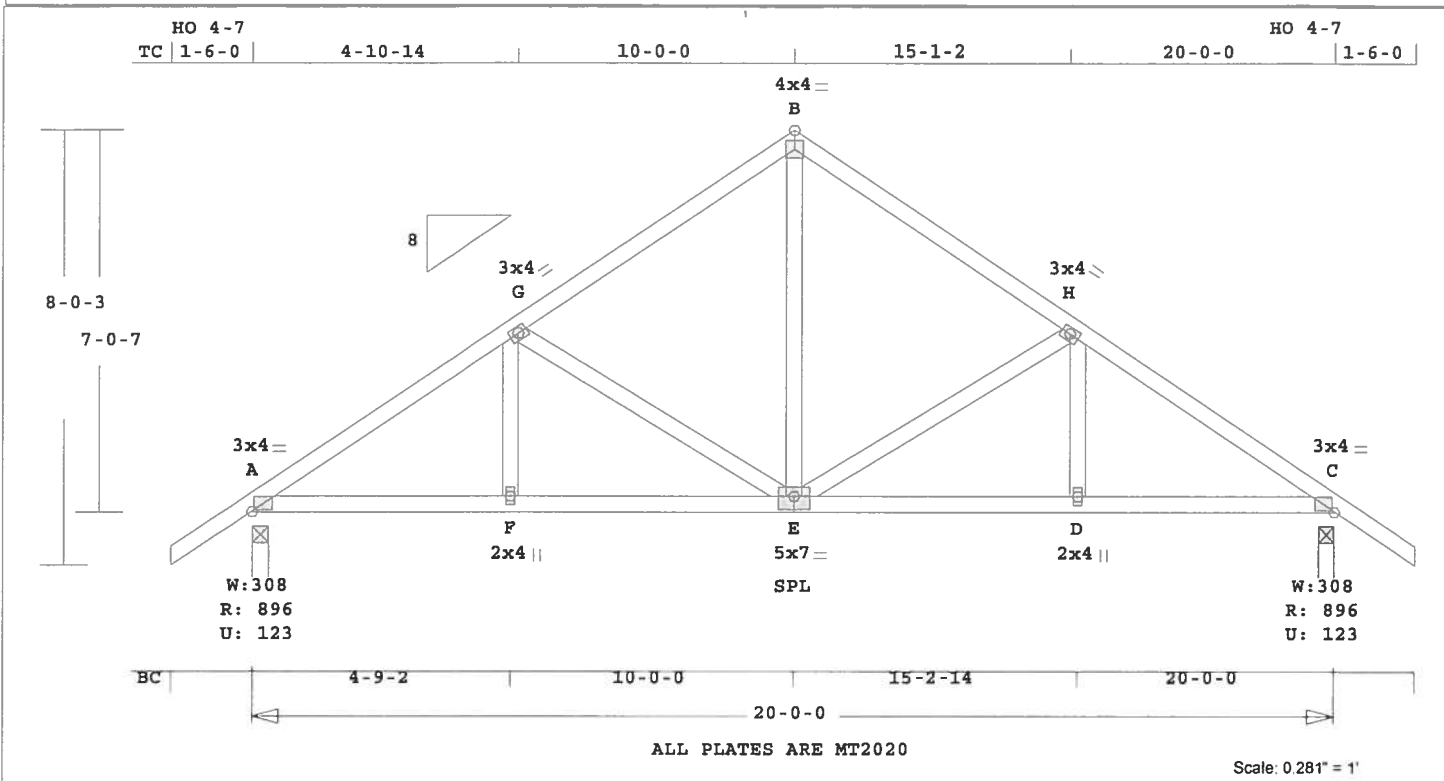
TC Dead Load:	5.0 psf
BC Dead Load:	5.0 psf
Max comp. force	96 Lbs
Max tens. force	20 Lbs
Quality Control Factor	1.25

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

October 12, 2007

Job KT-EVERETTE	Mark D1	Quan 1	Type TR	Span 200000	P1-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727091
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 136.0 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ---Lumber---
TC 0.22 2x 4 SP-#2
BC 0.24 2x 4 SP-#2
WB 0.16 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	20- 0- 0	
BC Cont.	0- 0- 0	20- 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	896	123 U	141 R
C	896	123 U	141 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	Ax1-CSI-Bnd
-----Top Chords-----				
A -G	0.22	1087 C	0.00	0.22
G -B	0.22	726 C	0.00	0.22
B -H	0.22	726 C	0.00	0.22
H -C	0.22	1087 C	0.00	0.22
-----Bottom Chords-----				
A -F	0.20	910 T	0.15	0.05
F -E	0.24	910 T	0.15	0.09

E -D	0.24	910 T	0.15	0.09
D -C	0.20	910 T	0.15	0.05
-----Webs-----				
F -G	0.02	191 T		
G -E	0.16	362 C		
E -B	0.09	499 T		
E -H	0.16	362 C		
D -H	0.02	191 T		

TL Defl -0.06" in F -E L/999
LL Defl -0.02" in F -E L/999
Shear // Grain in G -B 0.17

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 0.72
G MT20 3.0x 4.0 Ctr Ctr 0.62
B MT20 4.0x 4.0 Ctr Ctr 0.62
H MT20 3.0x 4.0 Ctr Ctr 0.62
C MT20 3.0x 4.0 Ctr Ctr 0.72
F MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 5.0x 7.0 Ctr-0.5 0.57
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 1087 Lbs

Max tens. force 910 Lbs

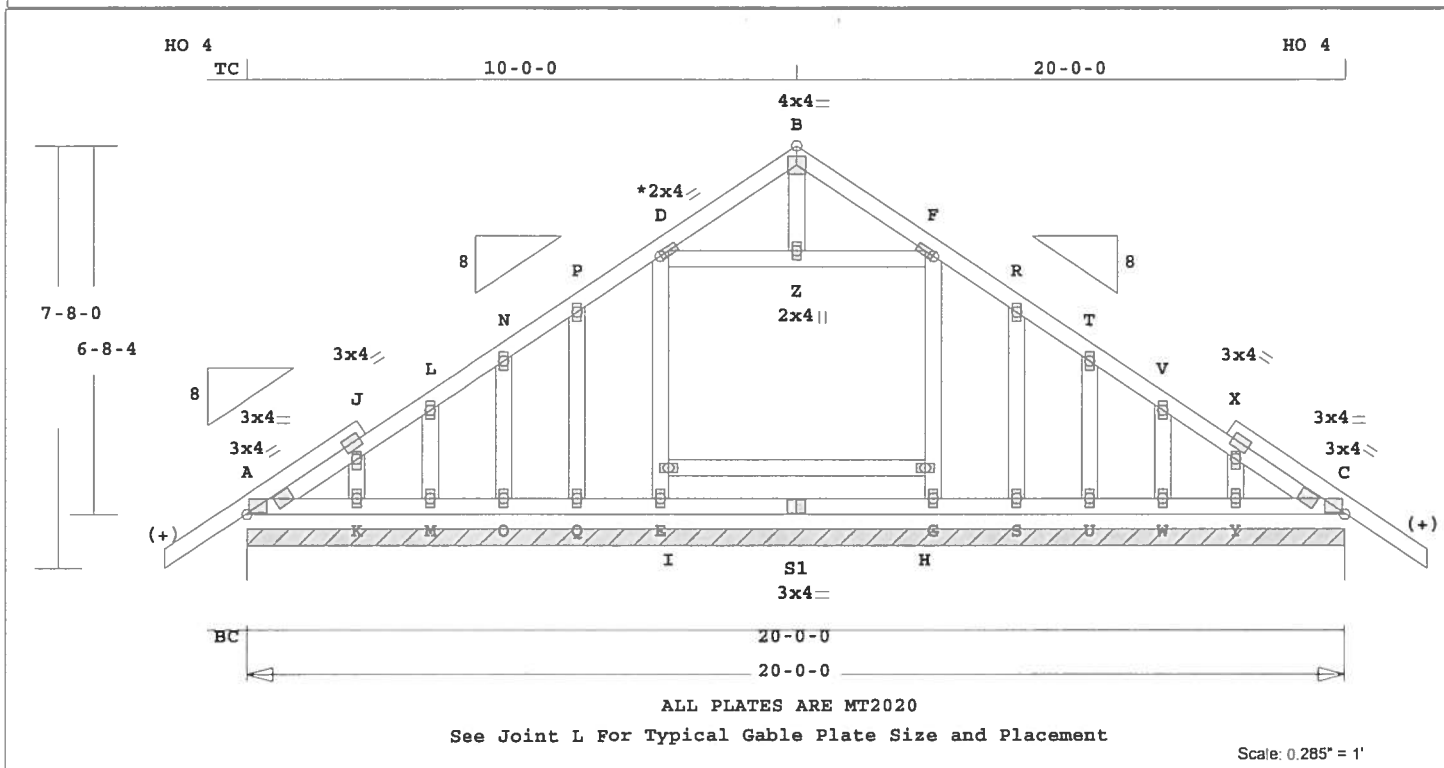
Quality Control Factor 1.25

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

October 12,2007

Job KT-EVERETTE	Mark D2	Quan 1	Type TR	Span 200000	Pl-H1 8	Left OH 0	Right OH 0	Engineering T2727092
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 167.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ---Lumber---
(+) TC 0.04 2x 4 SP-#2
BC 0.03 2x 4 SP-#2
WB 0.00 2x 4 SP-#2
GW 0.01 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 20- 0- 0
BC Cont. 0- 0- 0 20- 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 1600 213 U 133 R

Jt Brg Size Required
A 240.0" 0"-to- 240"

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

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -J 0.01 76 C 0.00 0.01
J -L 0.01 76 C 0.00 0.01
L -N 0.01 76 C 0.00 0.01
N -P 0.01 81 C 0.00 0.01
P -D 0.04 116 C 0.00 0.04
D -B 0.04 126 C 0.00 0.04
B -F 0.04 126 C 0.00 0.04
F -R 0.04 116 C 0.00 0.04
R -T 0.01 81 C 0.00 0.01
T -V 0.01 76 C 0.00 0.01
V -X 0.01 76 C 0.00 0.01
X -C 0.01 76 C 0.00 0.01
-----Bottom Chords-----
A -K 0.02 11 T 0.00 0.02
K -M 0.01 0 T 0.00 0.01
M -O 0.00 0 T
O -Q 0.00 0 T
Q -E 0.02 0 T 0.00 0.02
E -S1 0.03 0 T 0.00 0.03
S1 -G 0.03 0 T 0.00 0.03
G -S 0.02 0 T 0.00 0.02
S -U 0.00 0 T

U -W 0.00 0 T
W -Y 0.01 0 T 0.00 0.01
Y -C 0.02 11 T 0.00 0.02
-----Webs-----
Z -B 0.00 14 C
-----Gable Webs-----
K -J 0.01 106 C
M -L 0.00 79 C
O -N 0.01 83 C
Q -P 0.01 76 C
E -I 0.01 162 C
I -D 0.01 162 C
G -H 0.01 162 C
H -F 0.01 162 C
S -R 0.01 76 C
U -T 0.01 83 C
W -V 0.00 79 C
Y -X 0.01 106 C

TL Defl -0.05" in E -G L/999
LL Defl -0.03" in E -G L/999
Shear // Grain in D -B 0.08

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 0.72
J MT20 2.0x 4.0 Ctr Ctr 0.00
L MT20 2.0x 4.0 Ctr Ctr 0.00
N MT20 2.0x 4.0 Ctr Ctr 0.00
P MT20 2.0x 4.0 Ctr Ctr 0.00
D MT20 2.0x 4.0 Ctr Ctr 0.00
B MT20 4.0x 4.0 Ctr Ctr 0.62
F MT20 2.0x 4.0 Ctr Ctr 0.00
R MT20 2.0x 4.0 Ctr Ctr 0.00
T MT20 2.0x 4.0 Ctr Ctr 0.00
V MT20 2.0x 4.0 Ctr Ctr 0.00
X MT20 2.0x 4.0 Ctr Ctr 0.00
C MT20 3.0x 4.0 Ctr Ctr 0.72
K MT20 2.0x 4.0 Ctr Ctr 0.00
M MT20 2.0x 4.0 Ctr Ctr 0.00
O MT20 2.0x 4.0 Ctr Ctr 0.00
Q MT20 2.0x 4.0 Ctr Ctr 0.00
E MT20 2.0x 4.0 Ctr Ctr 0.00
S1 MT20 3.0x 4.0 Ctr Ctr 0.57
G MT20 2.0x 4.0 Ctr Ctr 0.00
S MT20 2.0x 4.0 Ctr Ctr 0.00
U MT20 2.0x 4.0 Ctr Ctr 0.00
W MT20 2.0x 4.0 Ctr Ctr 0.00
Y MT20 2.0x 4.0 Ctr Ctr 0.00
Z MT20 2.0x 4.0 Ctr Ctr 0.38
I MT20 2.0x 4.0 Ctr Ctr 0.00
H MT20 2.0x 4.0 Ctr Ctr 0.00

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

WARNING Do Not Cut overframe
member between outside of
truss and first tie-plate
to inside of heel plate.
Design checked for 10 psf non-
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
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 162 Lbs
Max tens. force 110 Lbs
Quality Control Factor 1.25

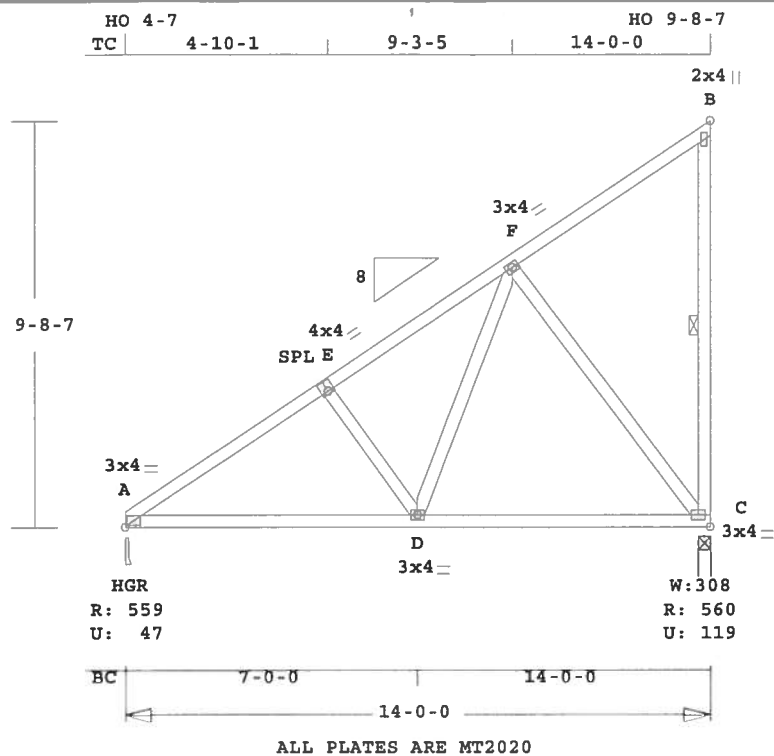
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Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

REVIEWED BY:
Robbins Engineering, Inc.

October 12,2007

Job KT-EVERETTE	Mark E1	Quan 5	Type MONO	Span 140000	Pl-H1 8	Left OH 0	Right OH 0	Engineering T2727093
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 108.6 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI	-Size-	----	Lumber----
TC	0.23	2x 4	SP-#2
BC	0.37	2x 4	SP-#2
WB	0.42	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

One Continuous Lateral Brace
C - B
Attach CLB with (2)-10d nails
at each web.

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	560	47 U	166 R
C	560	119 U	332 R

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

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

Membr CSI P Lbs Axl-Csi-Bnd

-----Top Chords-----					
A -E	0.18	646 C	0.00	0.18	
E -F	0.23	491 C	0.00	0.23	
F -B	0.23	182 T	0.00	0.23	
-----Bottom Chords-----					
A -D	0.37	544 T	0.05	0.32	
D -C	0.34	283 T	0.02	0.32	
-----Webs-----					
E -D	0.04	244 C			
D -F	0.06	420 T			
F -C	0.35	478 C			
C -B	0.42	118 C	WindLd 1 Br		
TL Defl	-0.12"	in D -C	L/999		
LL Defl	-0.06"	in D -C	L/999		
Shear // Grain		in D -C	0.18		

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 0.63
E MT20 4.0x 4.0-0.6 0.9 0.48
F MT20 3.0x 4.0 Ctr Ctr 0.50
B MT20 2.0x 4.0 Ctr Ctr 0.38
D MT20 3.0x 4.0 Ctr Ctr 0.39
C MT20 3.0x 4.0 Ctr Ctr 0.60

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

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 646 Lbs

Max tens. force 544 Lbs

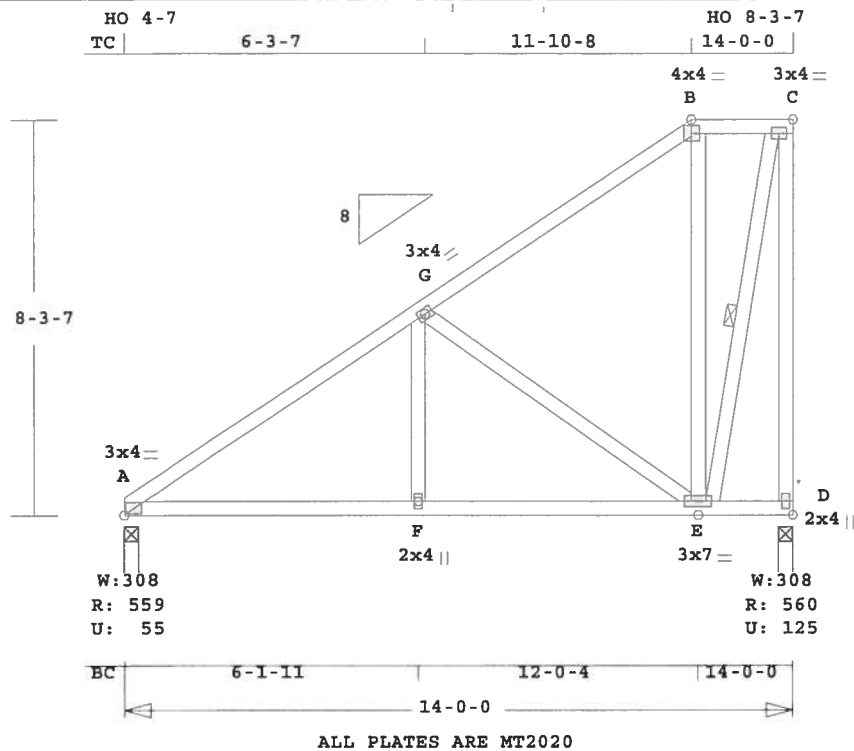
Quality Control Factor 1.25

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

October 12, 2007

Job KT-EVERETTE	Mark E2	Quan 1	Type HHIP	Span 140000	Pl-Hl 8	Left OH 0	Right OH 0	Engineering T2727094
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ALAN & BRITTANY EVERETTE



Scale: 0.247" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 122.0 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

	CSI	-Size-	----	Lumber----
TC	0.39	2x 4	SP-#2	
BC	0.26	2x 4	SP-#2	
WB	0.51	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

One Continuous Lateral Brace
E - C
Attach CLB with (2)-10d nails
at each web.

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 560 56 U 141 R
D 560 125 U 285 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 -G	0.39	608 C	0.00	0.39	
G -B	0.39	207 C	0.00	0.39	
B -C	0.09	228 C	0.00	0.09	
-----Bottom Chords-----					
A -F	0.26	518 T	0.05	0.21	
F -E	0.26	518 T	0.05	0.21	
E -D	0.11	224 T	0.00	0.11	
-----Webs-----					
F -G	0.04	262 T			
G -E	0.30	486 C			
E -B	0.12	161 C			
E -C	0.09	536 T			1 Br
D -C	0.51	552 C			WindLd

TL Defl -0.06" in A -F L/999
LL Defl -0.02" in A -F L/999
Shear // Grain in A -G 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 3.0x 4.0 Ctr Ctr 0.63
G MT20 3.0x 4.0 Ctr Ctr 0.54
B MT20 4.0x 4.0 Ctr Ctr 0.75
C MT20 3.0x 4.0 Ctr Ctr 0.60
F MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 3.0x 7.0 Ctr Ctr 0.52
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

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 608 Lbs

Max tens. force 536 Lbs

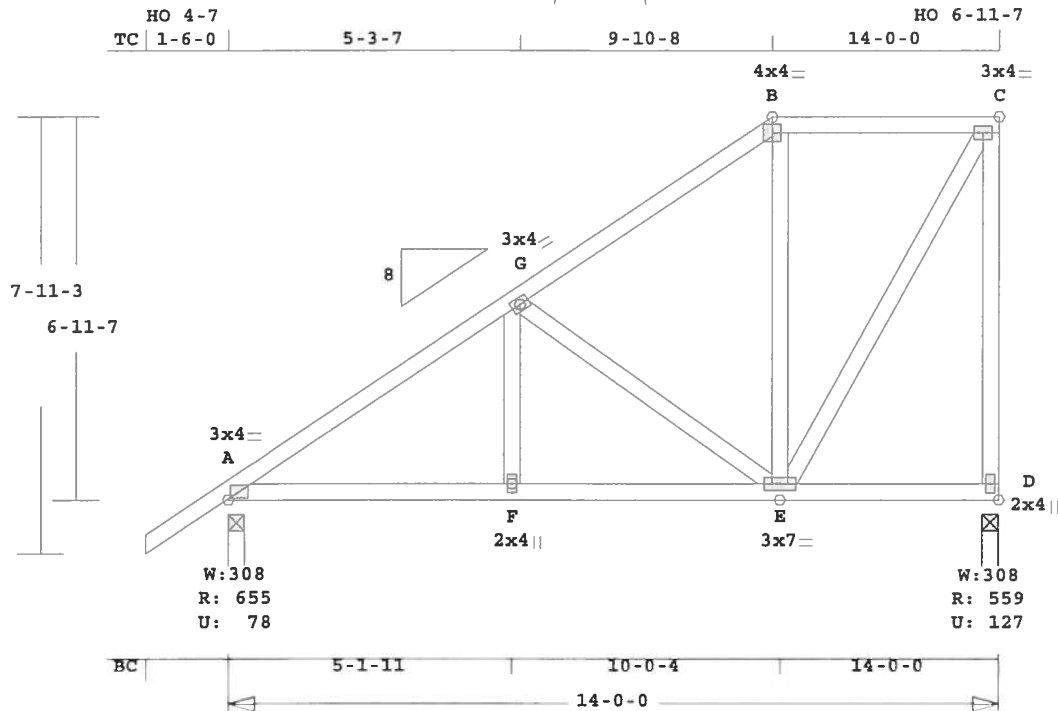
Quality Control Factor 1.25

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

October 12, 2007

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
KT-EVERETTE	E3	1	HHIP	140000	8	1- 6- 0	0	T2727095

ALAN & BRITTANY EVERETTE



ALL PLATES ARE MT2020

Scale: 0.285" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 115.0 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

	CSI	-Size-	-----Lumber----
TC	0.24	2x 4	SP-#2
BC	0.18	2x 4	SP-#2
WB	0.29	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	656	78 U	117 R
D	560	128 U	237 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 -G	0.24	655 C	0.00	0.24	
G -B	0.24	300 C	0.00	0.24	
B -C	0.15	272 C	0.00	0.15	

-----Bottom Chords-----					
A -F	0.18	552 T	0.05	0.13	
F -E	0.18	552 T	0.05	0.13	
E -D	0.11	186 T	0.00	0.11	
-----Webs-----					
F -G	0.03	207 T			
G -E	0.16	383 C			
E -B	0.05	106 T			
E -C	0.12	482 T			
D -C	0.29	526 C	WindLd		

TL Defl -0.03" in A -F L/999
LL Defl -0.01" in A -F L/999
Shear // Grain in A -G 0.17

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 0.63
G MT20 3.0x 4.0 Ctr Ctr 0.54
B MT20 4.0x 4.0 Ctr Ctr 0.75
C MT20 3.0x 4.0 Ctr Ctr 0.60
F MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 3.0x 7.0 Ctr Ctr 0.40
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 655 Lbs

Max tens. force 552 Lbs

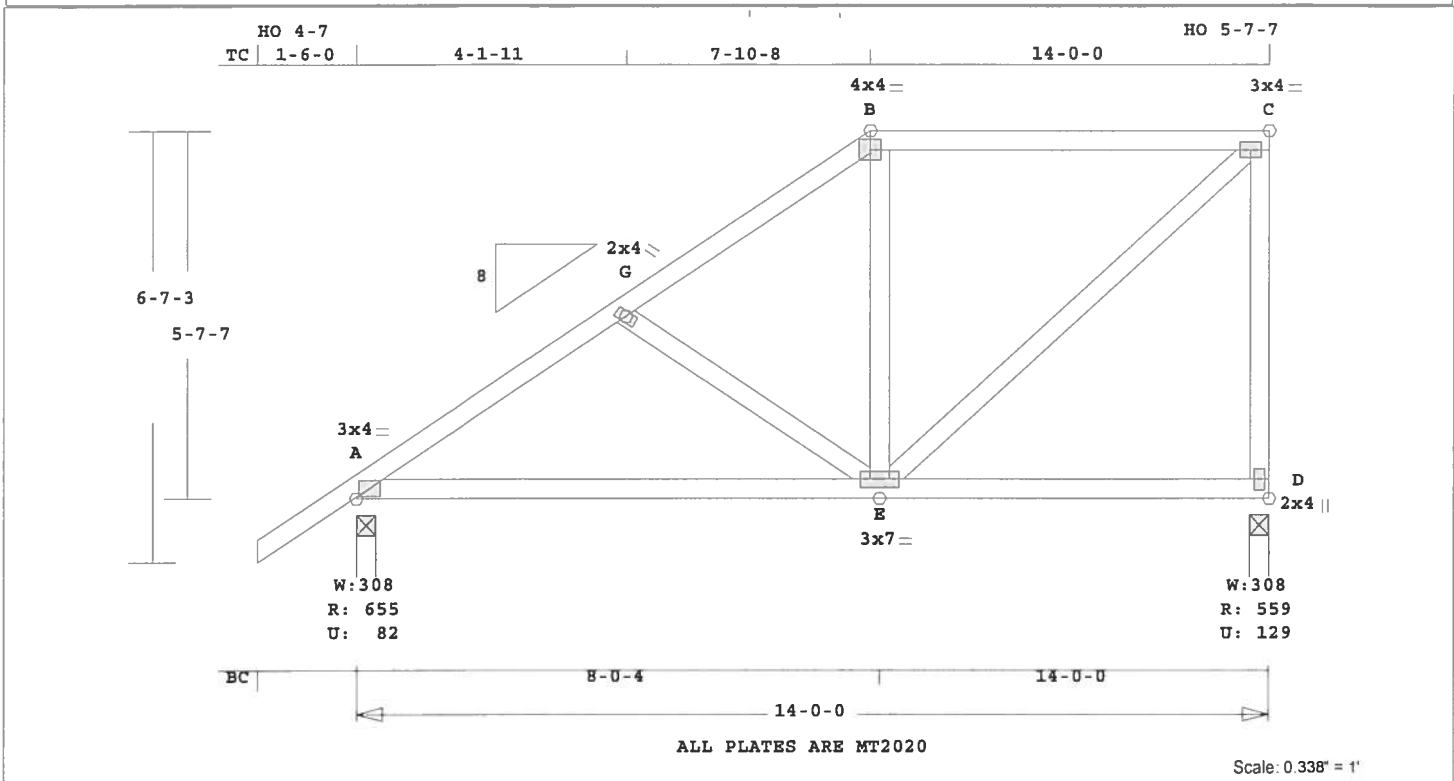
Quality Control Factor 1.25

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

October 12, 2007

Job KT-EVERETTE	Mark E4	Quan 1	Type HHIP	Span 140000	Pl-H1 8	Left OH 1- 6- 0	Right OH 0	Engineering T2727096
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 101.4 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----

TC	0.39	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
WB	0.18	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	656	83 U	93 R
D	560	130 U	189 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 -G	0.14	660 C	0.00	0.14
G -B	0.15	455 C	0.00	0.15
B -C	0.39	380 C	0.00	0.39

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

A -E	0.36	559 T	0.05	0.31
E -D	0.31	148 T	0.00	0.31
-----Webs-----				
G -E	0.07	242 C		
E -B	0.02	116 T		
E -C	0.13	515 T		
D -C	0.18	515 C	WindLd	

TL Defl	-0.13"	in A -E	L/999
LL Defl	-0.06"	in A -E	L/999
Shear //	Grain	in B -C	0.23

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 0.63
G	MT20	2.0x 4.0 Ctr Ctr 0.37
B	MT20	4.0x 4.0 Ctr Ctr 0.75
C	MT20	3.0x 4.0 Ctr Ctr 0.60
E	MT20	3.0x 7.0 Ctr Ctr 0.40
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

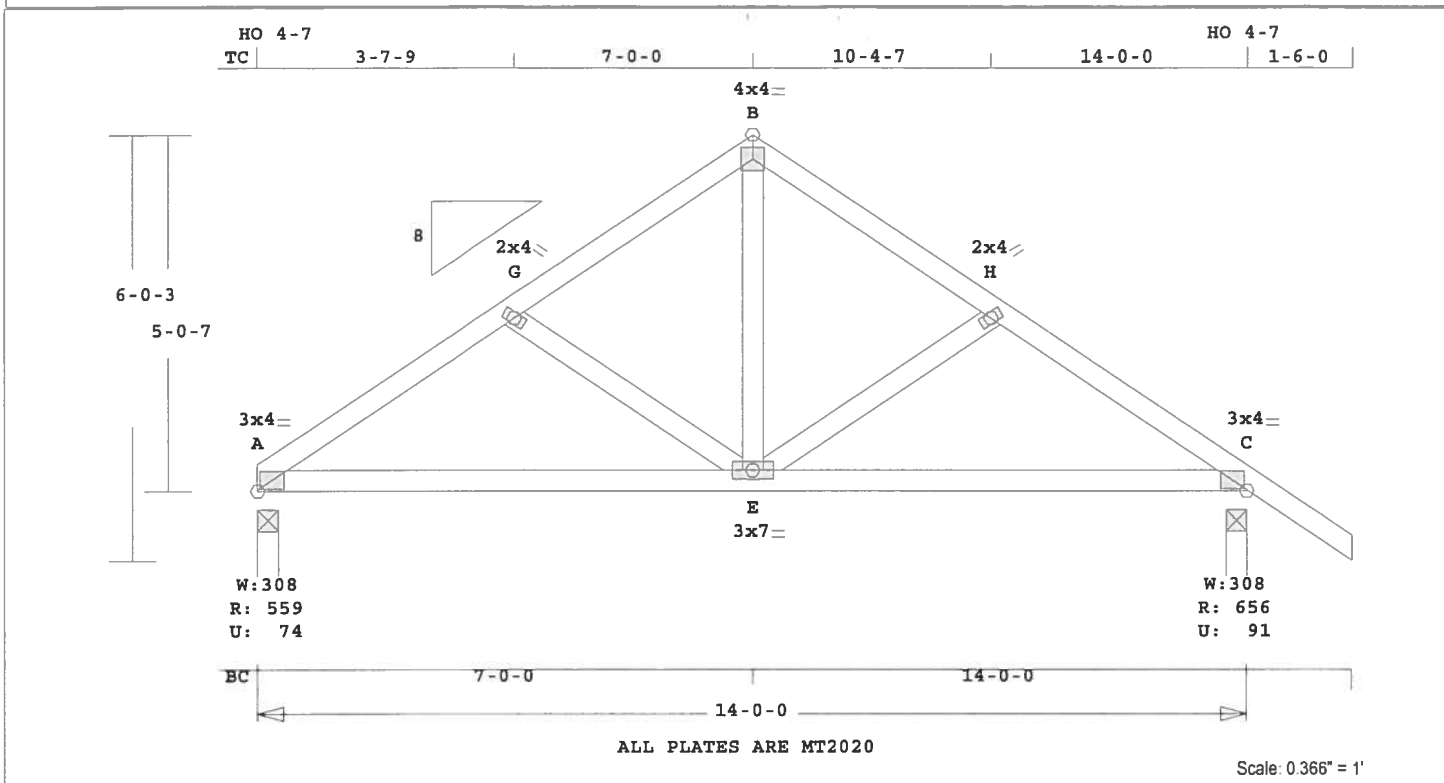
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 660 Lbs
Max tens. force 559 Lbs
Quality Control Factor 1.25

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

October 12, 2007

Job KT-EVERETTE	Mark E5	Quan 4	Type TR	Span 140000	Pl-H1 8	Left OH 0	Right OH 1- 6- 0	Engineering T2727097
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 85.5 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

	CSI	-Size-	-----Lumber-----
TC	0.10	2x 4	SP-#2
BC	0.32	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	560	75 U	94 R
C	656	91 U	94 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	0.10	697 C	0.00 0.10
G -B	0.10	515 C	0.00 0.10
B -H	0.10	515 C	0.00 0.10

H -C	0.10	697 C	0.00 0.10
-----Bottom Chords-----			
A -E	0.32	587 T	0.05 0.27
E -C	0.32	587 T	0.05 0.27
-----Webs-----			
G -E	0.04	206 C	
E -B	0.06	391 T	
E -H	0.04	206 C	

TL Defl	-0.07"	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	0.63	
G	MT20	2.0x 4.0	Ctr Ctr	0.37	
B	MT20	4.0x 4.0	Ctr Ctr	0.54	
H	MT20	2.0x 4.0	Ctr Ctr	0.37	
C	MT20	3.0x 4.0	Ctr Ctr	0.63	
E	MT20	3.0x 7.0	Ctr Ctr	0.40	

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 697 Lbs

Max tens. force 587 Lbs

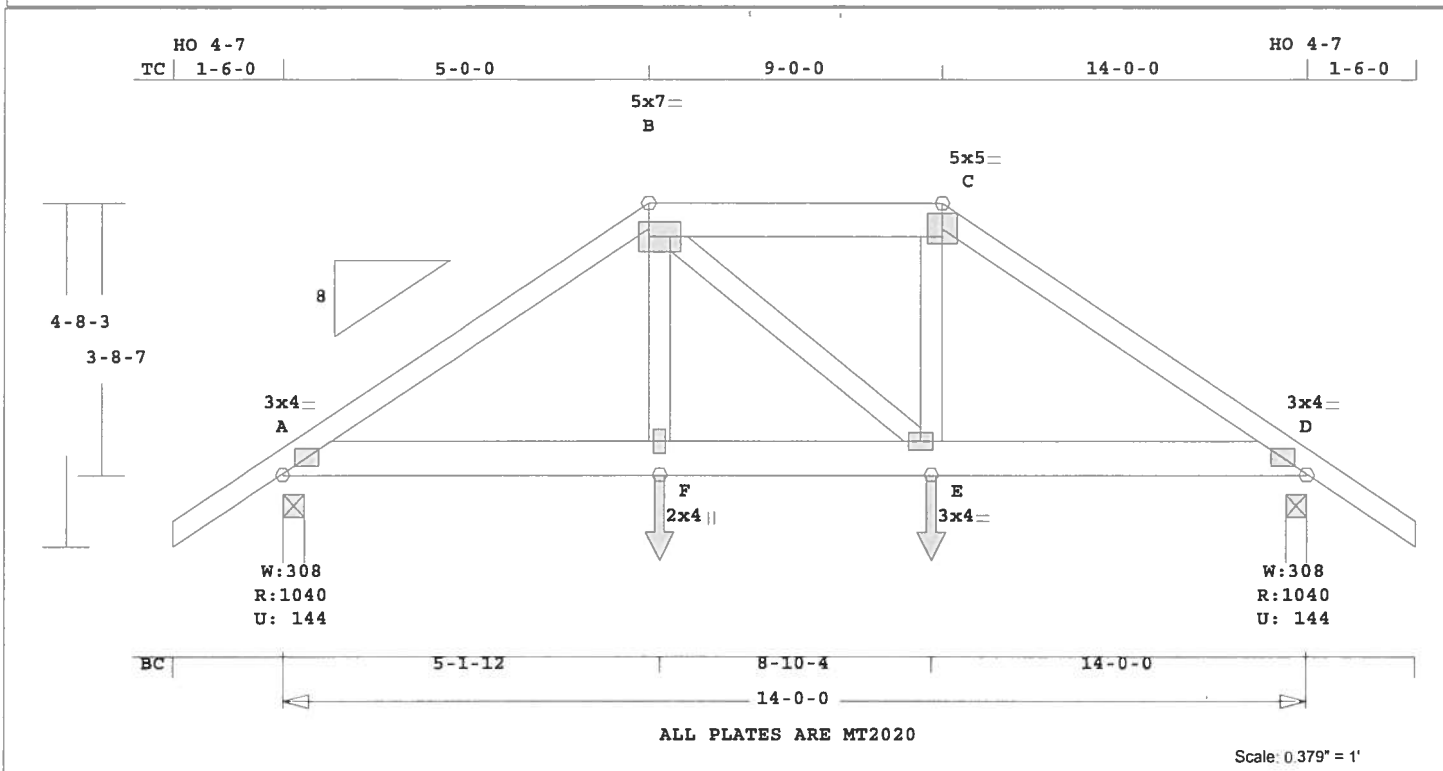
Quality Control Factor 1.25

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

October 12, 2007

Job KT-EVERETTE	Mark E6	Quan 1	Type HIPP	Span 140000	P1-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727098
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 100.1 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI	-Size-	---Lumber---
TC	0.25	2x 4 SP-#2
--	0.21	2x 6 SP-#2
BC	0.22	2x 6 SP-#2
WB	0.07	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	1040	144 U	65 R
D	1040	144 U	65 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	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'	14.0'
BC	V	20	0	0.0'	14.0'
TC	V	15	30	5.0'	9.0'
BC	V	15	0	5.1'	8.9'
BC	V	133	133	5.1'	CL-LB
BC	V	133	133	8.9'	CL-LB

Plus 9 Wind Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.25	1333 C	0.01	0.24
B -C	0.21	1133 C	0.00	0.21
C -D	0.23	1354 C	0.01	0.22
-----Bottom Chords-----				
A -F	0.22	1118 T	0.14	0.08
F -E	0.19	1106 T	0.14	0.05
E -D	0.21	1133 T	0.15	0.06
-----Webs-----				
F -B	0.06	407 T		
B -E	0.01	67 T		
E -C	0.07	427 T		

TL Defl -0.05" in F -E L/999
LL Defl -0.02" in F -E L/999
Shear // Grain in A -B 0.16

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 0.64
B MT20 5.0x 7.0 Ctr Ctr 0.76
C MT20 5.0x 5.0 Ctr Ctr 0.48
D MT20 3.0x 4.0 Ctr Ctr 0.64
F MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 3.0x 4.0 Ctr Ctr 0.45

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

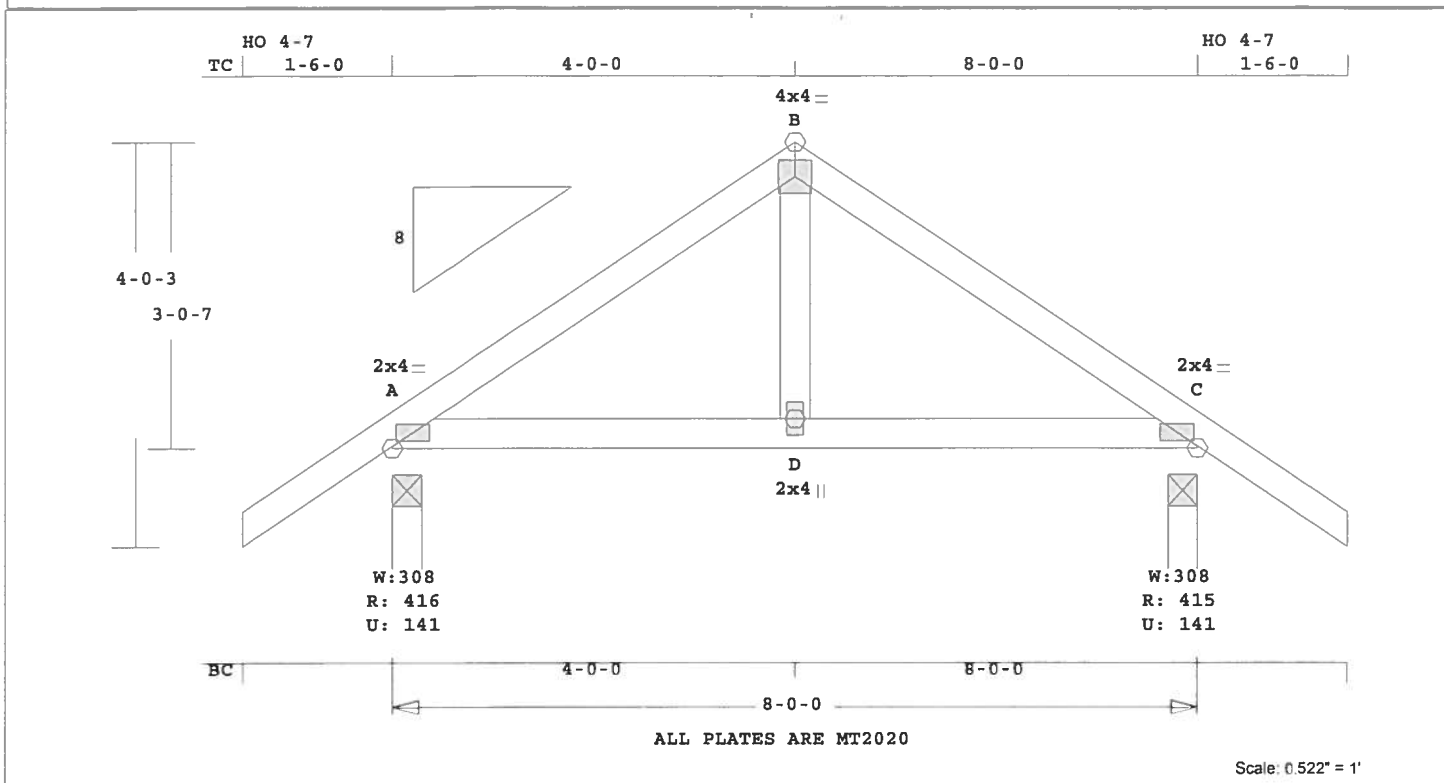
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1354 Lbs
Max tens. force 1133 Lbs
Quality Control Factor 1.25

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

October 12, 2007

Job KT-EVERETTE	Mark F1	Quan 2	Type TR	Span 80000	Pl-H1 8	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T2727099
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----

TC	0.14	2x 4	SP-#2
BC	0.16	2x 4	SP-#2
WB	0.03	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	8- 0- 0
BC	Cont.	0- 0- 0	8- 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	416	142 U	52 R
C	416	142 U	52 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 -B	0.14	430 T	0.05	0.09	
B -C	0.14	430 T	0.05	0.09	
-----Bottom Chords-----					

A -D	0.16	293 C	0.00	0.16
D -C	0.16	293 C	0.00	0.16
-----Webs-----				
D -B	0.03	316 C		

TL Defl -0.01" in A -D L/999
LL Defl 0.00" in A -D L/999
Shear // Grain in A -D 0.16

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 0.66
B MT20 4.0x 4.0 Ctr Ctr 0.46
C MT20 2.0x 4.0 Ctr Ctr 0.66
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.

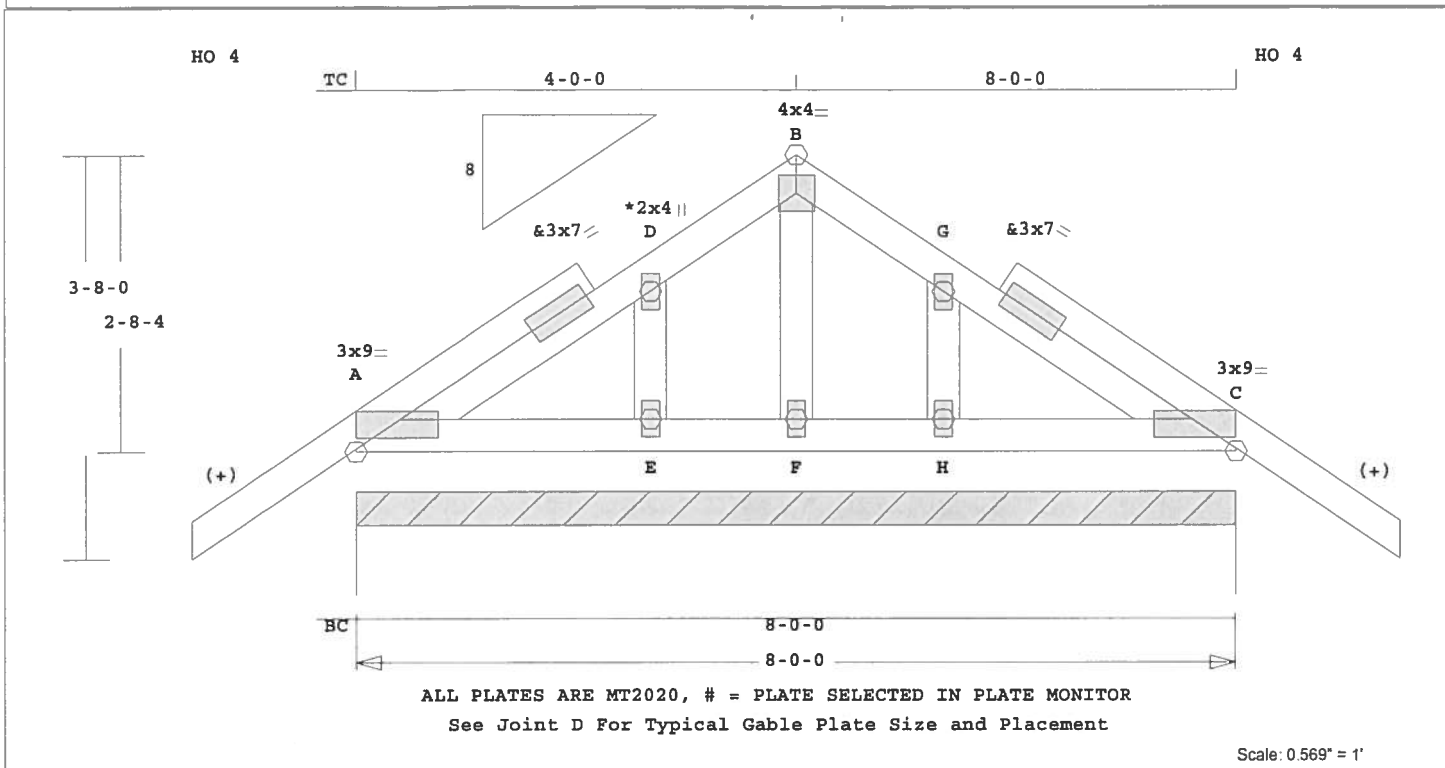
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC
regions --From-- ---To---
0- 0- 0 8- 0- 0
Max comp. force 316 Lbs
Max tens. force 430 Lbs
Quality Control Factor 1.25

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

October 12,2007

Job KT-EVERETTE	Mark F2	Quan 1	Type TR	Span 80000	Pl-H1 8	Left OH 0	Right OH 0	Engineering T2727100
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 56.7 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----
(+) TC 0.04 2x 4 SP-#2
BC 0.03 2x 4 SP-#2
GW 0.01 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	8- 0- 0
BC	Cont.	0- 0- 0	8- 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 832 119 U 45 R

Jt Brg Size Required
A 96.0" 0"-to- 96"

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

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A	-D	0.04	61	C	0.00	0.04
D	-B	0.04	97	C	0.00	0.04
B	-G	0.04	97	C	0.00	0.04
G	-C	0.04	61	C	0.00	0.04
-----Bottom Chords-----						

A	-E	0.03	1	T	0.00 0.03
E	-F	0.02	0	T	0.00 0.02
F	-H	0.02	0	T	0.00 0.02
H	-C	0.03	1	T	0.00 0.03
-----Gable Webs-----					
E	-D	0.01	141	C	
F	-B	0.00	60	T	
H	-G	0.01	141	C	

	TL Defl	0.00"	in H	-C	L/999
LL Defl	0.00"	in H <td>-C</td> <td>L/999</td> <td></td>	-C	L/999	
Shear //	Grain	in A	-D	0.08	

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 9.0 2.1 1.1 0.62
D MT20 2.0x 4.0 Ctr Ctr 0.00
B MT20 4.0x 4.0 Ctr Ctr 0.46
G MT20 2.0x 4.0 Ctr Ctr 0.00
C MT20 3.0x 9.0-2.1 1.1 0.62
E MT20 2.0x 4.0 Ctr Ctr 0.00
F MT20 2.0x 4.0 Ctr Ctr 0.00
H MT20 2.0x 4.0 Ctr Ctr 0.00

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

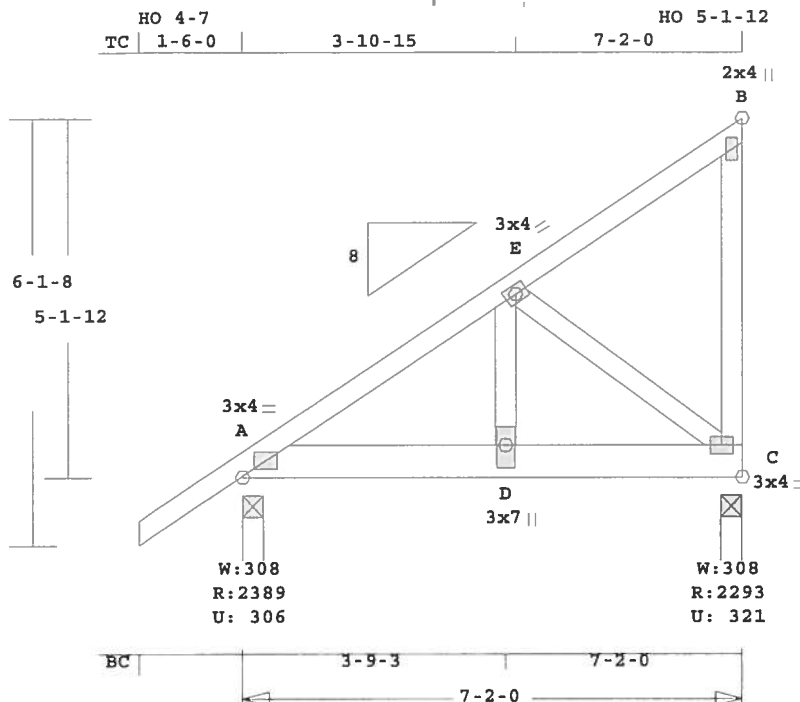
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 141 Lbs
Max tens. force 120 Lbs
Quality Control Factor 1.25

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

October 12, 2007

Job KT-EVERETTE	Mark G1	Quan 1*2P	Type MONO	Span 70200	Pl-H1 8	Left OH 1- 6- 0	Right OH 0	Engineering T2727101
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ALAN & BRITTANY EVERETTE



ALL PLATES ARE MT2020

Scale: 0.361" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 59.6 LBS

Online Plus -- Version 21.0.060

RUN DATE: 11-OCT-07

* 2-Ply Truss *

CSI -Size- ----Lumber----

TC 0.14 2x 4 SP-#2

BC 0.40 2x 6 SP-#2

WB 0.20 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 7- 2- 0

BC Cont. 0- 0- 0 7- 2- 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 2389 306 U 89 R

C 2293 322 U 177 R

Jt Brg Size Required

A 3.5" 1.5"

C 3.5" 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' 7.2'

BC V 300 280 0.0' 7.2'

Plus 8 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd

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

A -E 0.14 2114 C 0.01 0.13

E -B 0.08 85 T 0.00 0.08

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

A -D 0.40 1788 T 0.11 0.29

D -C 0.40 1788 T 0.11 0.29

-----Webs-----

D -E 0.20 2271 T

E -C 0.11 2247 C

C -B 0.05 80 C WindLd

TL Defl -0.03" in A -D L/999

LL Defl -0.01" in A -D L/999

Shear // Grain in A -D 0.47

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 0.64

E MT20 3.0x 4.0 Ctr Ctr 0.96

B MT20 2.0x 4.0 Ctr Ctr 0.38

D MT20 3.0x 7.0 Ctr-0.3 0.45

C MT20 3.0x 4.0 Ctr Ctr 0.64

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 Common

Loading BC

Span 30- 0- 0

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

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 2247 Lbs

Max tens. force 2271 Lbs

Quality Control Factor 1.25

Thomas Albani, FL Lic. #39380

Robbins Engineering

6904 Parke East Blvd

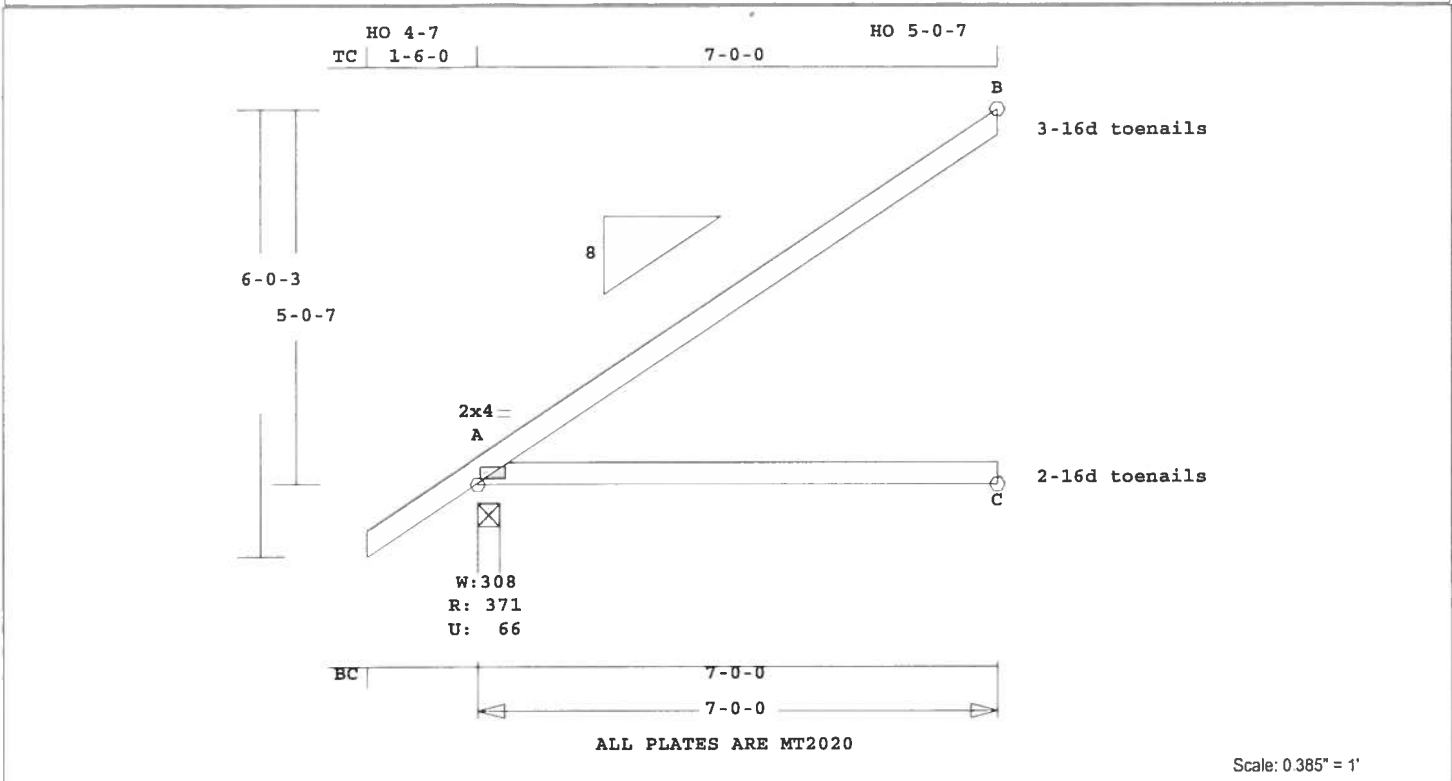
Tampa, FL, 33610

FL Cert.#5555

October 12,2007

Job KT-EVERETTE	Mark J1	Quan 9	Type JCA2	Span 70000	P1-H1 8	Left OH 1- 6- 0	Right OH 0	Engineering T2727102
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ALAN & BRITTANY EVERETTE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----
TC 0.47 2x 4 SP-#2
BC 0.35 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	372	67 U	228 R
C	133		
B	213	104 U	97 R

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

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

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.47	124 C	0.00	0.47	
B -B	0.00	4 C			

-----Bottom Chords-----
A -C 0.35 0 T 0.00 0.35
TL Defl -0.19" in A -C L/415
LL Defl -0.08" 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 0.64

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 124 Lbs
Max tens. force 98 Lbs
Quality Control Factor 1.25

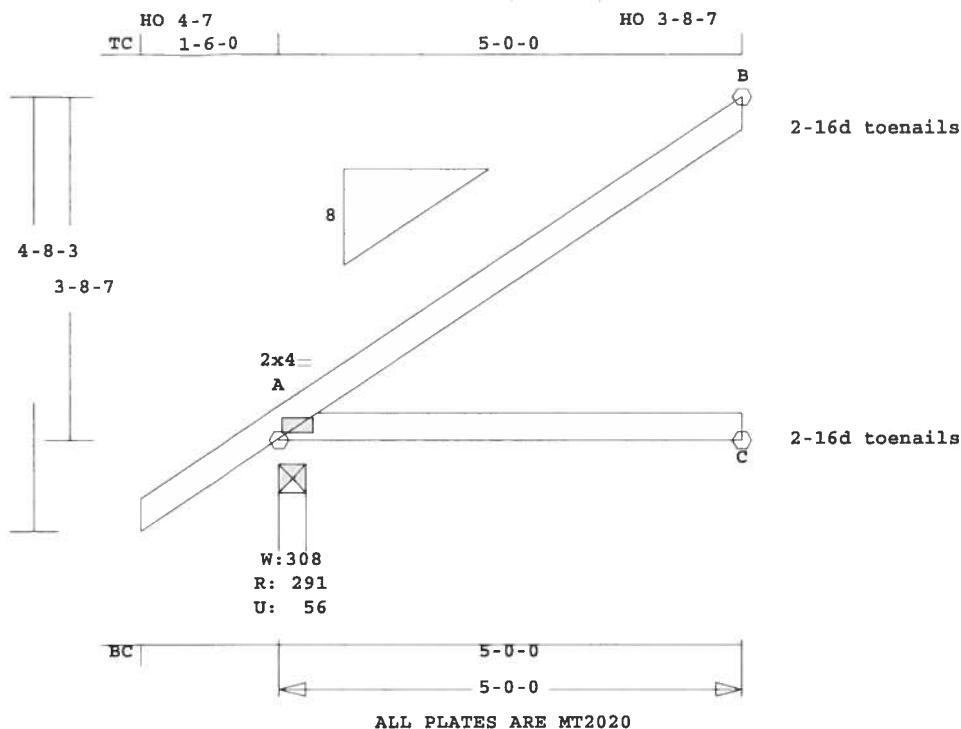


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October 12,2007

Job KT-EVERETTE	Mark J2	Quan 7	Type JCA2	Span 50000	Pl-Hl 8	Left OH 1- 6- 0	Right OH 0	Engineering T2727103
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ALAN & BRITTANY EVERETTE



Scale: 0.479" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.6 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----
TC 0.22 2x 4 SP-#2
BC 0.16 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	292	57 U	168 R
C	95		
B	158	76 U	69 R

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

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

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.22	93 C	0.00	0.22	
B -B	0.00	4 C			

-----Bottom Chords-----
A -C 0.16 0 T 0.00 0.16
TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.14
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 0.60

REVIEWED BY:
Robbins Engineering, Inc.
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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.

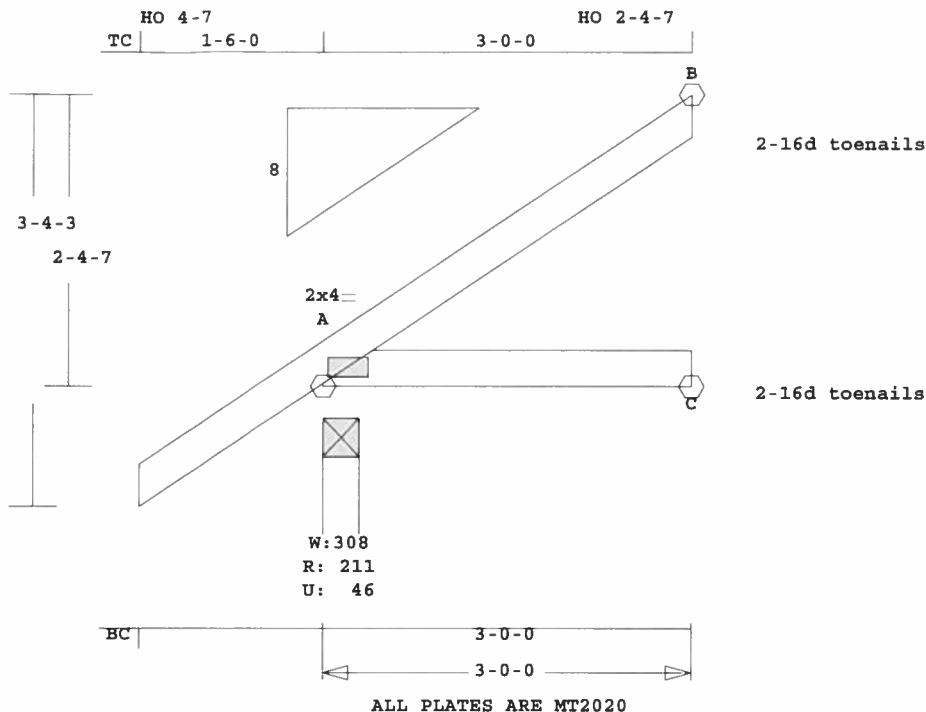
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 93 Lbs
Max tens. force 73 Lbs
Quality Control Factor 1.25

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October 12, 2007

Job KT-EVERETTE	Mark J3	Quan 12	Type JCA2	Span 30000	Pl-H1 8	Left OH 1- 6- 0	Right OH 0	Engineering T2727104
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ALAN & BRITTANY EVERETTE



Scale: 0.637" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-07

CSI -Size- ----Lumber----
TC 0.06 2x 4 SP-#2
BC 0.05 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	3- 0- 0
BC	Cont.	0- 0- 0	3- 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	211	46 U	100 R
C	57		
B	99	48 U	41 R

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

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

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.06	58 C	0.00	0.06	
B -B	0.00	4 C			

-----Bottom Chords-----
A -C 0.05 0 T 0.00 0.05
TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.07

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 0.59

REVIEWED BY:

Robbins Engineering, Inc.
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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.

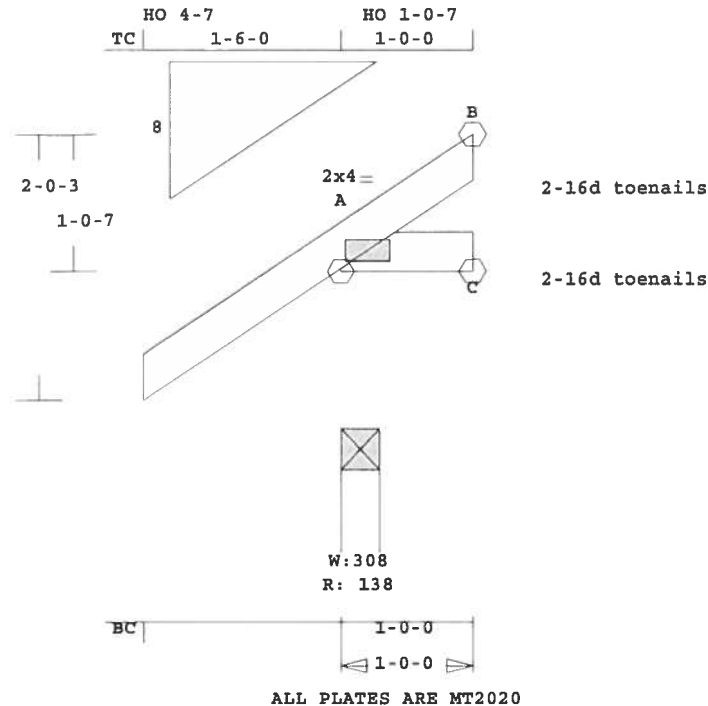
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 58 Lbs
Max tens. force 46 Lbs
Quality Control Factor 1.25

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October 12, 2007

Job KT-EVERETTE	Mark J4	Quan 12	Type JCA2	Span 10000	Pl-H1 8	Left OH 1- 6- 0	Right OH 0	Engineering T2727105
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ALAN & BRITTANY EVERETTE



Scale: 0.682" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 11-OCT-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	138		32 R
B	33	16 U	
C	14		13 R

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

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

Membr CSI P Lbs Ax1-CS1-Bnd
-----Top Chords-----
A -B 0.00 18 C
-----Bottom Chords-----

A -C 0.00 13 T

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.02

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 0.59

REVIEWED BY:

Robbins Engineering, Inc.
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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.

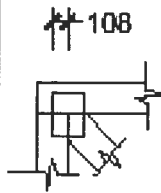
Wind Speed: 110 mph

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October 12, 2007

ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



Center plates on joints unless otherwise noted in plate list or on drawing. Dimensions are given in inches (i.e. 1 1/2" or 1.5") or IN-16ths (i.e. 108)

FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



(W) = Wide Face Plate
(N) = Narrow Face Plate

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.

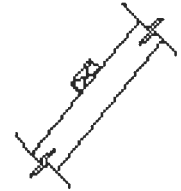
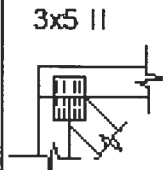


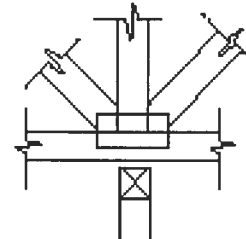
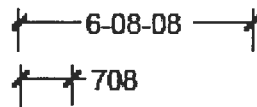
PLATE SIZE AND ORIENTATION



The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

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).



W = Actual Bearing Width (IN-SX)
R = Reaction (lbs.)
U = Uplift (lbs.)

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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