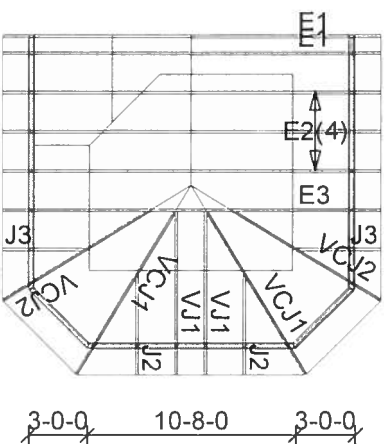
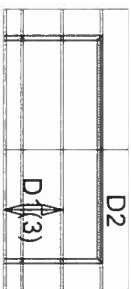
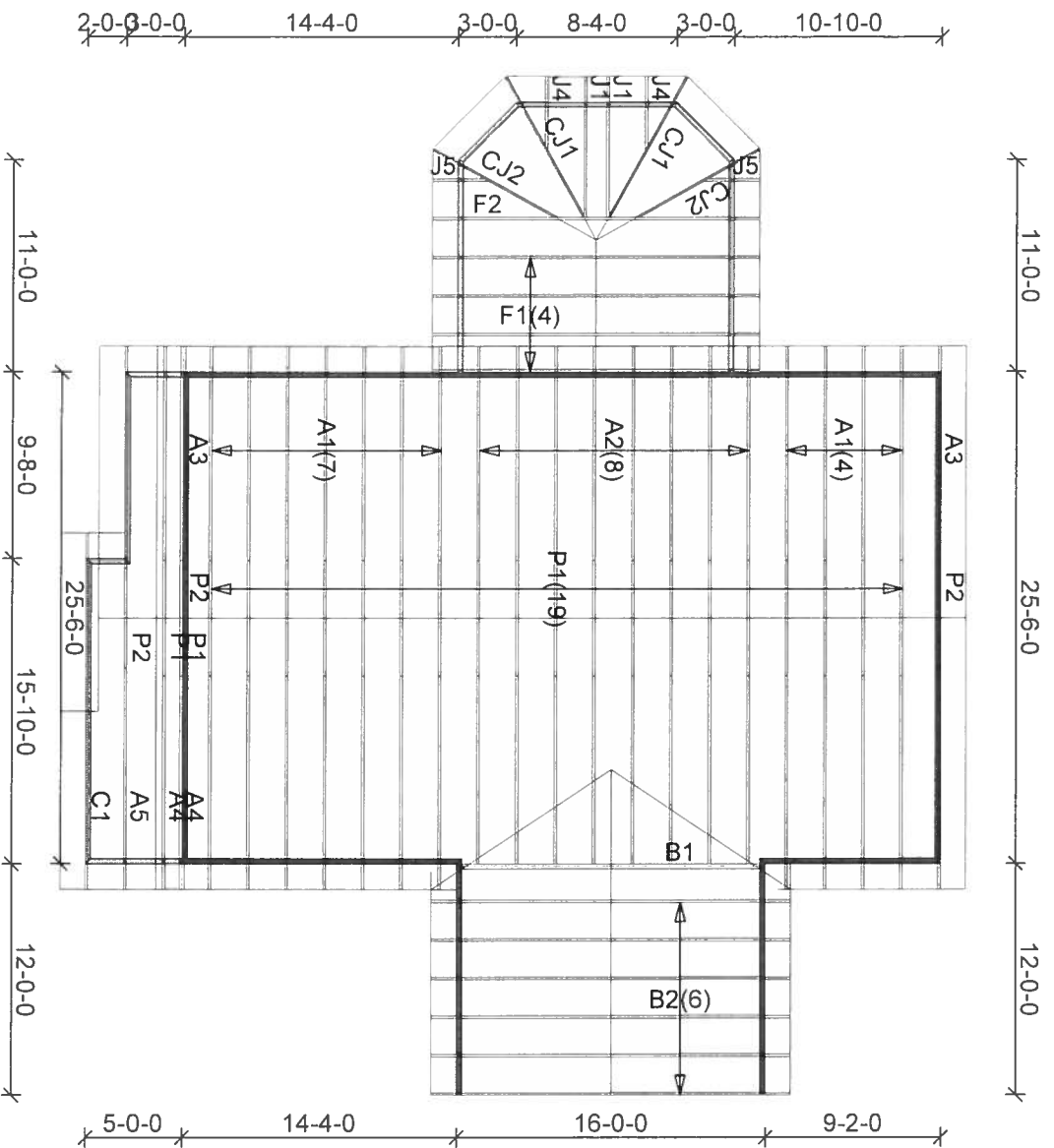




Mayo Truss Co., Inc.

845 East US 27
 MAYO, FL 32066
 (386)294-3988
 (877)-558-6262

TOP FLIGHT CONSTRUCTION

CURTIN & DANA HAYNES

110 MPH ASCE WIND LOAD

Roof Loading
 TC Live: 20.00 psf
 TC Dead: 10.00 psf
 BC Live: 0.00 psf
 BC Dead: 10.00 psf
 TC Stress Inc: 25.00
 BC Stress Inc: 25.00
 Spacing: 2'-0" o.c.

Account: CONTRACTOR
 Job: TF-HAYNES
 Designer: M.MURRAY
 Checker: M.MURRAY
 Date: 10-10-07



RE: TF-HAYNES -

Site Information:

Project Customer: TOP FLIGHT CONSTRUCTION Project Name: CURTIS & DANA HAYNES
Lot/Block: TF-HAYNES Subdivision: -
Address: -
City: COLUMBIA COUNTY State: FL

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

Name: License #:
Address: State:
City:

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 27 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	T2716278	A1	10/5/07	18	T2716295	J1	10/5/07
2	T2716279	A2	10/5/07	19	T2716296	J2	10/5/07
3	T2716280	A3	10/5/07	20	T2716297	J3	10/5/07
4	T2716281	A4	10/5/07	21	T2716298	J4	10/5/07
5	T2716282	A5	10/5/07	22	T2716299	J5	10/5/07
6	T2716283	B1	10/5/07	23	T2716300	P1	10/5/07
7	T2716284	B2	10/5/07	24	T2716301	P2	10/5/07
8	T2716285	C1	10/5/07	25	T2716302	VCJ1	10/5/07
9	T2716286	CJ1	10/5/07	26	T2716303	VCJ2	10/5/07
10	T2716287	CJ2	10/5/07	27	T2716304	VJ1	10/5/07
11	T2716288	D1	10/5/07				
12	T2716289	D2	10/5/07				
13	T2716290	E1	10/5/07				
14	T2716291	E2	10/5/07				
15	T2716292	E3	10/5/07				
16	T2716293	F1	10/5/07				
17	T2716294	F2	10/5/07				

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: ORegan, Philip

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

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

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

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 5, 2007

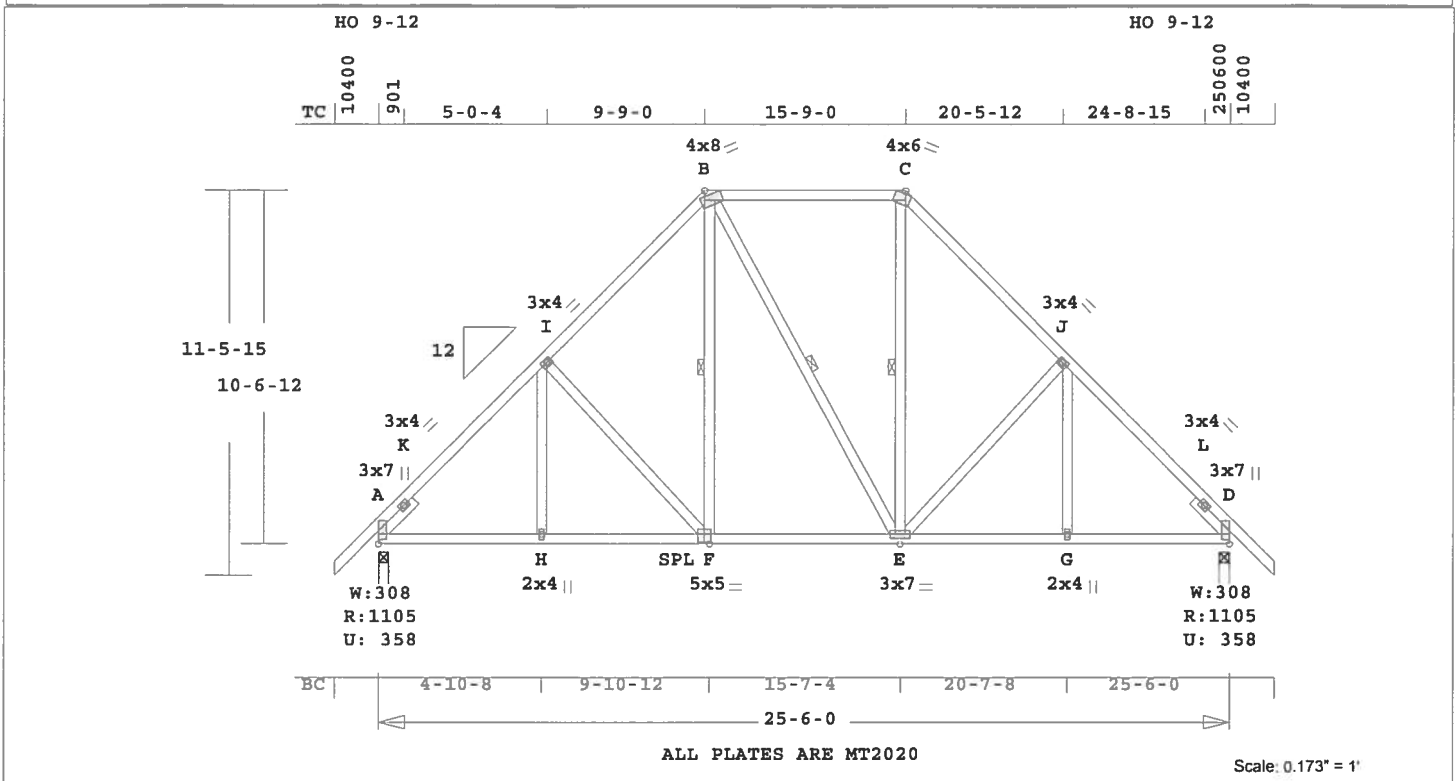
DALLAS

TAMPA

FT. WORTH
ORegan, Philip

Job TF-HAYNES	Mark AI	Quan 11	Type HIPP	Span 250600	P1-H1 12	Left OH 1- 4- 0	Right OH 1- 4- 0	Engineering T2716278
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CURTIS & DANA HAYNES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 230.4 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ---Lumber---
TC 0.30 2x 4 SP-#2
BC 0.45 2x 4 SP-#2
WB 0.20 2x 4 SP-#2
SL 0.06 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9- 9- 0
TC 24.0"	9- 9- 0	15- 9- 0
TC Cont.	15- 9- 0	25- 6- 0
BC Cont.	0- 0- 0	25- 6- 0

One Continuous Lateral Brace

F -B B -E 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	1105	359 U	262 R
D	1105	359 U	262 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 -K	0.29	524 C	0.00 0.29
K -I	0.29	1057 C	0.05 0.24
I -B	0.29	844 C	0.05 0.24
B -C	0.30	601 C	0.00 0.30

C -J	0.29	845 C	0.05 0.24
J -L	0.29	1057 C	0.05 0.24
L -D	0.29	528 C	0.00 0.29
-----Bottom Chords-----			
A -H	0.44	735 T	0.12 0.32
H -F	0.23	735 T	0.07 0.16
F -E	0.23	600 T	0.06 0.17
E -G	0.24	736 T	0.07 0.17
G -D	0.45	736 T	0.12 0.33
-----Webs-----			
H -I	0.02	150 T	
I -F	0.20	307 C	
F -B	0.05	328 T	1 Br
B -E	0.05	126 T	1 Br
E -C	0.05	328 T	1 Br
E -J	0.20	309 C	
G -J	0.02	148 T	
-----Sliders-----			
A -K	0.06	680 C	
L -D	0.06	676 C	

TL Defl -0.08" in H -F L/999
LL Defl -0.04" in H -F L/999
Shear // Grain in B -C 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 7.0 1.5 0.7 0.89
K MT20 3.0x 4.0 Ctr Ctr 0.51
I MT20 3.0x 4.0 Ctr Ctr 0.81
B MT20 4.0x 8.0 2.5-3.4 0.70
C MT20 4.0x 6.0-1.2-3.0 0.55
J MT20 3.0x 4.0 Ctr Ctr 0.81
L MT20 3.0x 4.0 Ctr Ctr 0.51
D MT20 3.0x 7.0-1.5 0.7 0.89
H MT20 2.0x 4.0 Ctr Ctr 0.38
F MT20 5.0x 5.0 Ctr-0.5 0.64
E MT20 3.0x 7.0 Ctr Ctr 0.51
G MT20 2.0x 4.0 Ctr Ctr 0.38

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

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 26-0

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 1057 Lbs

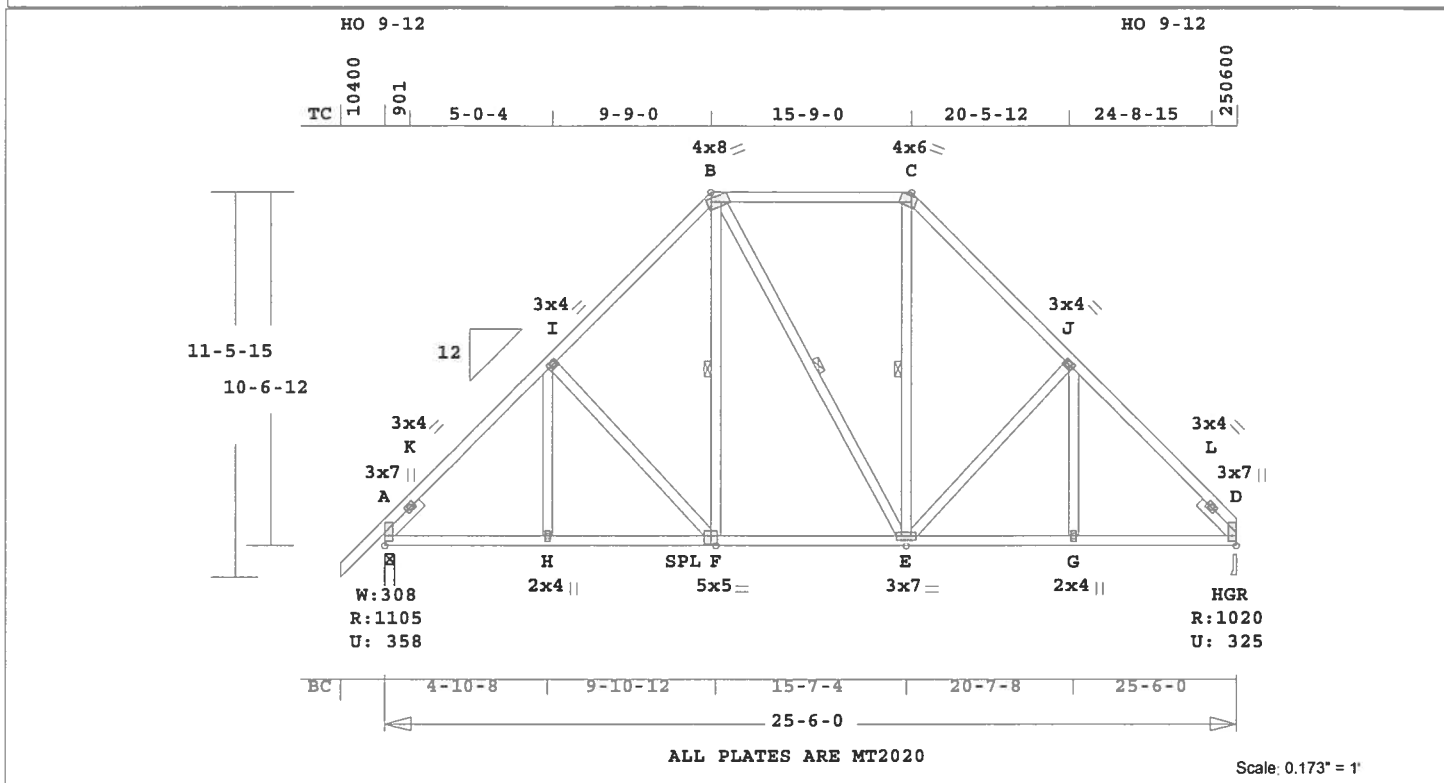
Max tens. force 736 Lbs

Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

Job TF-HAYNES	Mark A2	Quan 8	Type HIPP	Span 250600	P1-H1 12	Left OH 1- 4- 0	Right OH 0	Engineering T2716279
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CURTIS & DANA HAYNES



Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ---Lumber---
TC 0.30 2x 4 SP-#2
BC 0.45 2x 4 SP-#2
WB 0.20 2x 4 SP-#2
SL 0.06 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9- 9- 0
TC 24.0"	9- 9- 0	15- 9- 0
TC Cont.	15- 9- 0	25- 6- 0
BC Cont.	0- 0- 0	25- 6- 0

One Continuous Lateral Brace
F -B B -E 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	1105	359 U	262 R
D	1020	325 U	263 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 -K	0.29	524 C	0.00	0.29
K -I	0.29	1057 C	0.05	0.24
I -B	0.29	844 C	0.05	0.24
B -C	0.30	601 C	0.00	0.30

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 226.8 LBS

C -J	0.29	845 C	0.05	0.24
J -L	0.29	1057 C	0.05	0.24
L -D	0.29	528 C	0.00	0.29
-----Bottom Chords-----				
A -H	0.44	735 T	0.12	0.32
H -F	0.23	735 T	0.07	0.16
F -E	0.23	600 T	0.06	0.17
E -G	0.24	736 T	0.07	0.17
G -D	0.45	736 T	0.12	0.33
-----Webs-----				
H -I	0.02	150 T		
I -F	0.20	307 C		
F -B	0.05	328 T	1 Br	
B -E	0.05	126 T	1 Br	
E -C	0.05	328 T	1 Br	
E -J	0.20	309 C		
G -J	0.02	148 T		
-----Sliders-----				
A -K	0.06	680 C		
L -D	0.06	676 C		

TL Defl -0.08" in H -F L/999
LL Defl -0.04" in H -F L/999
Shear // Grain in B -C 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 7.0 1.5 0.7 0.89
K MT20 3.0x 4.0 Ctr Ctr 0.51
I MT20 3.0x 4.0 Ctr Ctr 0.81
B MT20 4.0x 8.0 2.5-3.4 0.70
C MT20 4.0x 6.0-1.2-3.0 0.55
J MT20 3.0x 4.0 Ctr Ctr 0.81
L MT20 3.0x 4.0 Ctr Ctr 0.51
D MT20 3.0x 7.0-1.5 0.7 0.89
H MT20 2.0x 4.0 Ctr Ctr 0.38
F MT20 5.0x 5.0 Ctr-0.5 0.64
E MT20 3.0x 7.0 Ctr Ctr 0.51
G MT20 2.0x 4.0 Ctr Ctr 0.38

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

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

NOTES:

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

OH Loading

Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 26-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

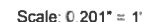
Max comp. force 1057 Lbs

Max tens. force 736 Lbs

Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
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6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

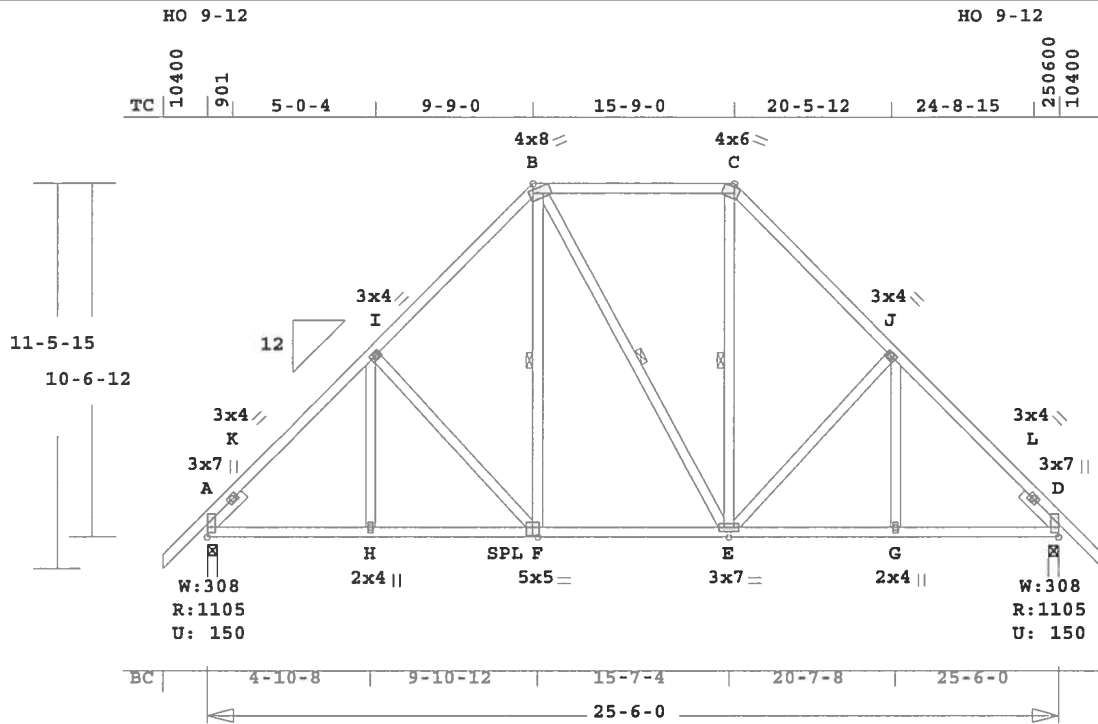
CURTIS & DANA HAYNES



Components and Cladding*

Job TF-HAYNES	Mark A4	Quan 2	Type HIPP	Span 250600	Pl-Hl 12	Left OH 1- 4- 0	Right OH 1- 4- 0	Engineering T2716281
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CURTIS & DANA HAYNES



ALL PLATES ARE MT2020

Scale: 0.173" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 230.4 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ---Lumber---
TC 0.30 2x 4 SP-#2
BC 0.45 2x 4 SP-#2
WB 0.20 2x 4 SP-#2
SL 0.06 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9- 9- 0
TC 24.0"	9- 9- 0	15- 9- 0
TC Cont.	15- 9- 0	25- 6- 0
BC Cont.	0- 0- 0	25- 6- 0

One Continuous Lateral Brace

F -B B -E 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	1105	151 U	245 R
D	1105	151 U	245 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 -K	0.29	524 C	0.00 0.29
K -I	0.29	1057 C	0.00 0.29
I -B	0.27	844 C	0.05 0.22
B -C	0.30	601 C	0.00 0.30

C -J	0.28	845 C	0.05 0.23
J -L	0.29	1057 C	0.00 0.29
L -D	0.29	528 C	0.00 0.29
-----Bottom Chords-----			
A -H	0.44	735 T	0.12 0.32
H -F	0.23	735 T	0.07 0.16
F -E	0.23	600 T	0.06 0.17
E -G	0.24	736 T	0.07 0.17
G -D	0.45	736 T	0.12 0.33
-----Webs-----			
H -I	0.02	150 T	
I -F	0.20	307 C	
F -B	0.05	328 T	1 Br
B -E	0.05	118 T	1 Br
E -C	0.05	328 T	1 Br
E -J	0.20	309 C	
G -J	0.02	148 T	
-----Sliders-----			
A -K	0.06	680 C	
L -D	0.06	676 C	

TL Defl -0.08" in H -F L/999
LL Defl -0.04" in H -F L/999
Shear // Grain in B -C 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 7.0 1.5 0.7 0.89
K MT20 3.0x 4.0 Ctr Ctr 0.51
I MT20 3.0x 4.0 Ctr Ctr 0.81
B MT20 4.0x 8.0 2.5-3.4 0.70
C MT20 4.0x 6.0-1.2-3.0 0.55
J MT20 3.0x 4.0 Ctr Ctr 0.81
L MT20 3.0x 4.0 Ctr Ctr 0.51
D MT20 3.0x 7.0-1.5 0.7 0.89
H MT20 2.0x 4.0 Ctr Ctr 0.38
F MT20 5.0x 5.0 Ctr-0.5 0.64
E MT20 3.0x 7.0 Ctr Ctr 0.51
G MT20 2.0x 4.0 Ctr Ctr 0.38

REVIEWED BY:

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

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004

OH Loading

Soffit psf 2.0

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

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 1057 Lbs

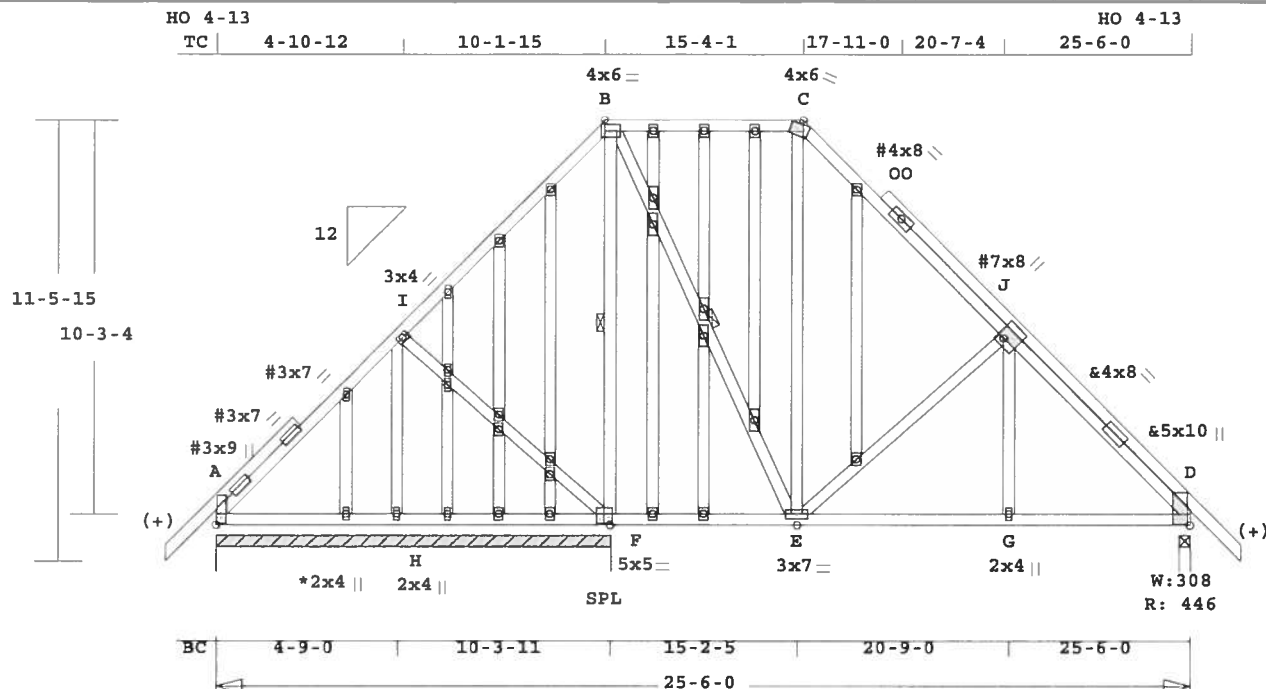
Max tens. force 736 Lbs

Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

Job TF-HAYNES	Mark A5	Quan 1	Type HIPP	Span 250600	P1-H1 12	Left OH 0	Right OH 0	Engineering T2716282
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CURTIS & DANA HAYNES



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

See * For Typical Gable Plate Size and Placement

Scale: 0.198" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 362.1 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ----Lumber----
(+) TC 0.26 2x 4 SP-#2
BC 0.15 2x 4 SP-#2
WB 0.05 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 10-1-15
TC 24.0" 10-1-15 15-4-1
TC Cont. 15-4-1 25-6-0
BC Cont. 0-0-0 25-6-0
One Continuous Lateral Brace
F-B 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-
F 966 109 U 180 R
D 447 127 R

Jt Brg Size Required
F 123.7" 0"-to- 124"
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 0.25 275 C 0.00 0.25
I -B 0.26 201 C 0.02 0.24
B -C 0.17 180 T 0.00 0.17
C -OO 0.17 213 C 0.02 0.15
OO-J 0.06 176 C 0.00 0.06
OO-J 0.07 176 C 0.00 0.07
J -J 0.11 0 T 0.00 0.11
-----Bottom Chords-----
A -H 0.09 54 T 0.00 0.09
H -F 0.15 102 T 0.00 0.15

F -E 0.15 104 T 0.00 0.15
E -G 0.15 151 T 0.01 0.14
G -D 0.14 126 T 0.00 0.14
D -D 0.00 0 T

-----Webs-----
H -I 0.02 191 T
I -F 0.03 183 T
F -B 0.02 152 T 1 Br
B -E 0.00 51 T 1 Br
E -C 0.01 181 C
E -J 0.05 274 T
G -J 0.03 254 T WindLd

TL Defl -0.02" in G -D L/999
LL Defl -0.01" in G -D L/999
Hz Disp LL DL TL
Jt A 0.00" 0.00" 0.00"
Shear // Grain in J -J 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 9.0 0.1 1.4 0.57
I MT20 3.0x 4.0 Ctr Ctr 0.74
B MT20 4.0x 6.0 Ctr Ctr 0.87
C MT20 4.0x 6.0-1.2-3.0 0.50
OO#MT20 4.0x 8.0 Ctr Ctr 0.58
J# MT20 7.0x 8.0 2.1 0.3 0.48
H MT20 2.0x 4.0 Ctr Ctr 0.38
F MT20 5.0x 5.0 Ctr-0.5 0.58
E MT20 3.0x 7.0 Ctr Ctr 0.47
G MT20 2.0x 4.0 Ctr Ctr 0.38

= Plate Monitor used
13 Gable studs to be attached
with 2.0x4.0 plates each end.

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

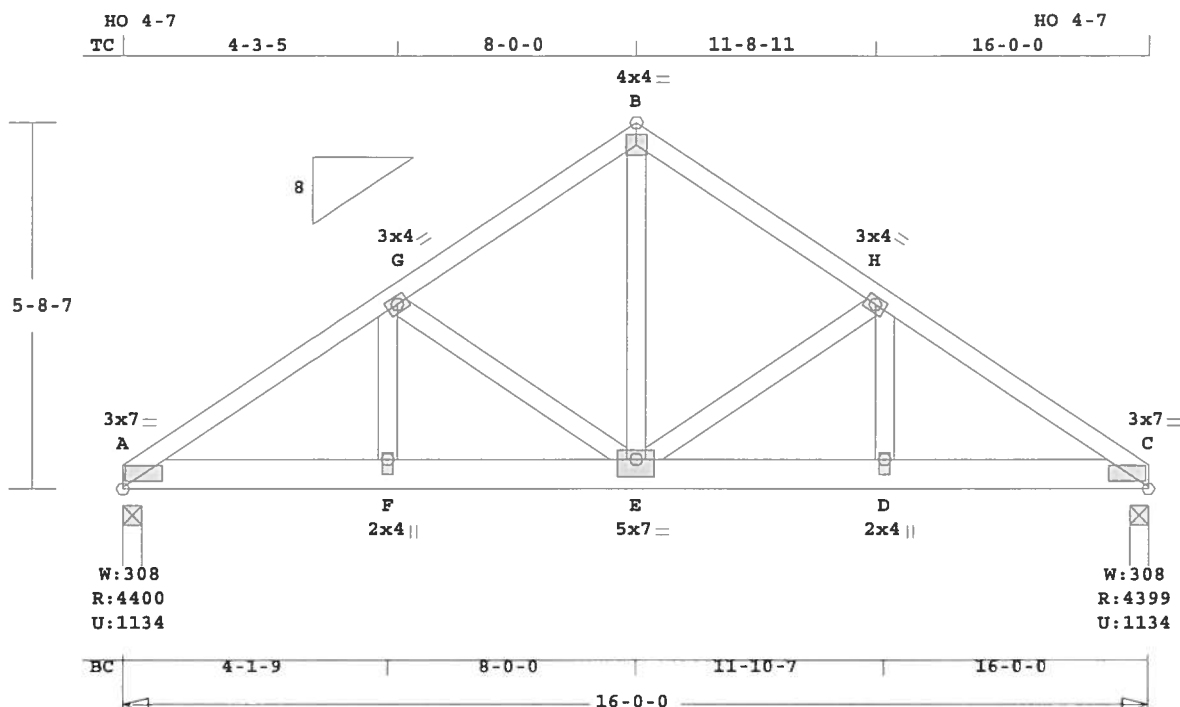
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0

Excessive Right OH condition.
Max allowable length is
3-9-15. Support end or
provide level return.
Design checked for 10 psf non-
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
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 275 Lbs
Max tens. force 274 Lbs
Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

Job TF-HAYNES	Mark B1	Quan 1+2P	Type TR	Span 160000	Pl-H1 8	Left OH 0	Right OH 0	Engineering T2716283
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CURTIS & DANA HAYNES



ALL PLATES ARE MT2020

Scale: 0.332" = 1'

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

* 2-Ply Truss *

CSI	Size	Lumber
TC	0.22 2x 4	SP-#2
BC	0.62 2x 6	SP-#2
WB	0.38 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	16- 0- 0
BC Cont.	0- 0- 0	16- 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	4400	1135	U 119 R
C	4400	1135	U 119 R

Jt	Brg Size	Required
A	3.5"	2.6"
C	3.5"	2.6"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25
plf - Dead Live* From To
TC V 20 40 0.0' 16.0'
BC V 255 235 0.0' 16.0'

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -G	0.22	5861	C	0.09 0.13
G -B	0.13	4000	C	0.09 0.04
B -H	0.13	4000	C	0.09 0.04

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 117.0 LBS

H -C 0.22 5861 C 0.09 0.13

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

A -F 0.61 4890 T 0.32 0.29

F -E 0.62 4890 T 0.32 0.30

E -D 0.62 4890 T 0.32 0.30

D -C 0.61 4890 T 0.32 0.29

-----Webs-----

F -G 0.17 1897 T

G -E 0.10 1900 C

E -B 0.38 4177 T

E -H 0.10 1900 C

D -H 0.17 1897 T

TL Defl -0.10" in F -E L/999

LL Defl -0.05" in F -E L/999

Shear // Grain in A -F 0.41

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt Type	Plt Size	X	Y	JSI
A MT20	3.0x 7.0	Ctr	Ctr	0.77
G MT20	3.0x 4.0	Ctr	Ctr	0.80
B MT20	4.0x 4.0	Ctr	Ctr	0.89
H MT20	3.0x 4.0	Ctr	Ctr	0.80
C MT20	3.0x 7.0	Ctr	Ctr	0.77
F MT20	2.0x 4.0	Ctr	0.8	0.62
E MT20	5.0x 7.0	Ctr	0.8	0.72
D MT20	2.0x 4.0	Ctr	0.8	0.62

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 25- 6- 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	

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: 22-0

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 5861 Lbs

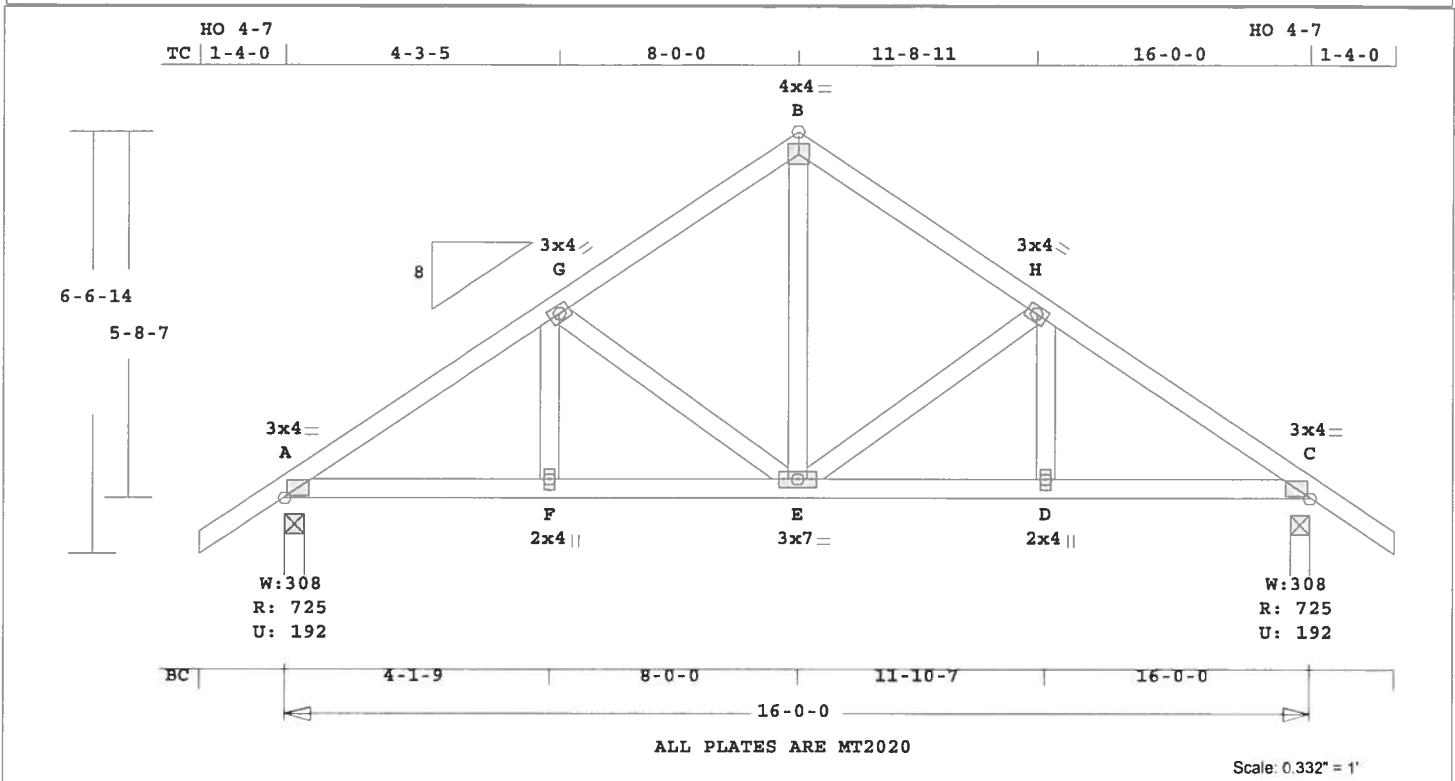
Max tens. force 4890 Lbs

Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
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FL Cert.#5555

Job TF-HAYNES	Mark B2	Quan 6	Type TR	Span 160000	P1-H1 8	Left OH 1- 4- 0	Right OH 1- 4- 0	Engineering T2716284
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CURTIS & DANA HAYNES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 109.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

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

TC	0.13	2x 4	SP-#2
BC	0.16	2x 4	SP-#2
WB	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	16- 0- 0
BC	Cont.	0- 0- 0	16- 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	725	192 U	120 R
C	725	192 U	120 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	0.13	835 C	0.03	0.10
G -B	0.13	573 C	0.03	0.10
B -H	0.13	573 C	0.03	0.10
H -C	0.13	835 C	0.03	0.10

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

A -F	0.14	697 T	0.11	0.03
F -E	0.16	697 T	0.11	0.05

E -D	0.16	697 T	0.11	0.05
D -C	0.14	697 T	0.11	0.03

-----Webs-----

F -G	0.02	151 T
G -E	0.07	276 C
E -B	0.07	407 T
E -H	0.07	276 C
D -H	0.02	151 T

TL Defl -0.03" in E -D L/999
LL Defl -0.01" in E -D L/999
Shear // Grain in G -B 0.13

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	0.66
G	MT20	3.0x 4.0	Ctr Ctr	0.56
B	MT20	4.0x 4.0	Ctr Ctr	0.56
H	MT20	3.0x 4.0	Ctr Ctr	0.56
C	MT20	3.0x 4.0	Ctr Ctr	0.66
F	MT20	2.0x 4.0	Ctr Ctr	0.38
E	MT20	3.0x 7.0	Ctr Ctr	0.42
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

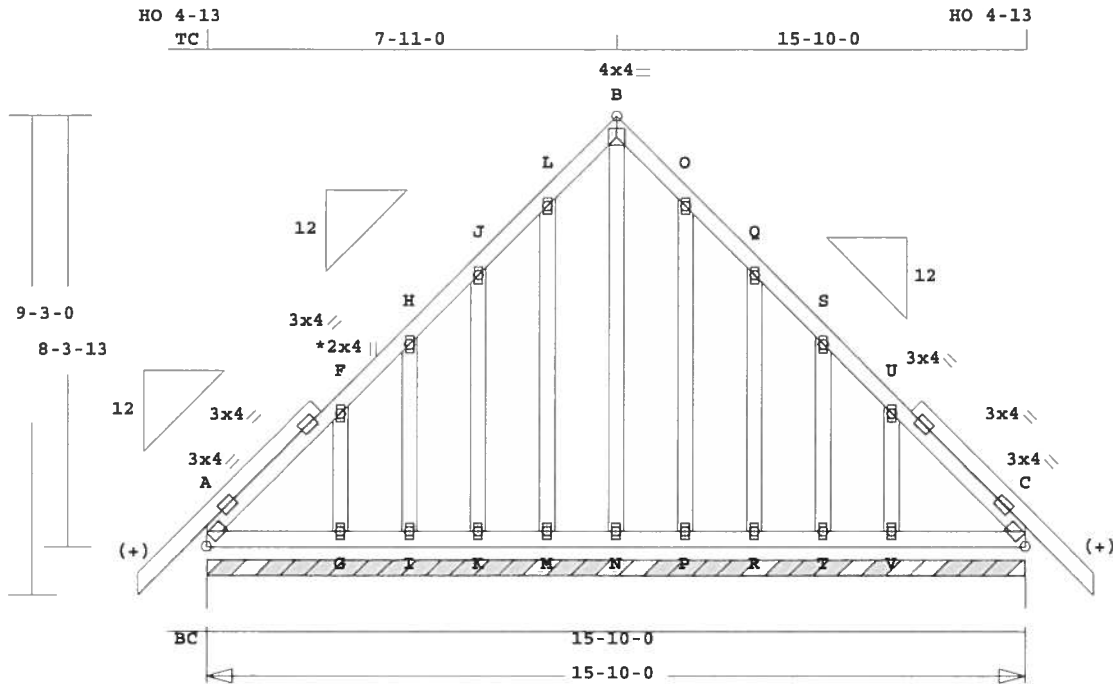
Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 22-0
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 835 Lbs
Max tens. force 697 Lbs
Quality Control Factor 1.25

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Tampa, FL, 33610
FL Cert #5555

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
TF-HAYNES	C1	1	TR	151000	12	0	0	T2716285

CURTIS & DANA HAYNES



ALL PLATES ARE MT2020

See Joint F For Typical Gable Plate Size and Placement

Scale: 0.268" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 172.7 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ----Lumber-----
(+) TC 0.07 2x 4 SP-#2
BC 0.07 2x 4 SP-#2
GW 0.13 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 15-10- 0
BC Cont. 0- 0- 0 15-10- 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 1267 169 U 182 R

Jt Brg Size Required
A 190.0" 0"-to- 190"

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

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -F 0.07 197 C 0.02 0.05
F -H 0.05 91 C 0.00 0.05
H -J 0.01 59 C 0.00 0.01
J -L 0.02 97 T 0.01 0.01
L -B 0.03 164 T 0.02 0.01
B -O 0.03 164 T 0.02 0.01
O -Q 0.02 97 T 0.01 0.01
Q -S 0.01 59 C 0.00 0.01
S -U 0.05 91 C 0.00 0.05
U -C 0.07 197 C 0.02 0.05
-----Bottom Chords-----
A -G 0.07 2 T 0.00 0.07
G -I 0.02 0 T 0.00 0.02
I -K 0.00 0 T
K -M 0.00 0 T
M -N 0.00 0 T

N -P 0.00 0 T
P -R 0.00 0 T
R -T 0.00 0 T
T -V 0.02 0 T 0.00 0.02
V -C 0.07 2 T 0.00 0.07
-----Gable Webs-----
G -F 0.02 185 C
I -H 0.01 87 C
K -J 0.04 120 C
M -L 0.05 91 C
N -B 0.13 174 C
P -O 0.05 91 C
R -Q 0.04 120 C
T -S 0.01 87 C
V -U 0.02 185 C

TL Defl 0.00" in V -C L/999
LL Defl 0.00" in V -C L/999
Shear // Grain in A -F 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 3.0x 4.0 0.7 Ctr 0.67
F MT20 2.0x 4.0 Ctr Ctr 0.00
H MT20 2.0x 4.0 Ctr Ctr 0.00
J MT20 2.0x 4.0 Ctr Ctr 0.00
L MT20 2.0x 4.0 Ctr Ctr 0.00
B MT20 4.0x 4.0 Ctr Ctr 0.55
O MT20 2.0x 4.0 Ctr Ctr 0.00
Q 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
C MT20 3.0x 4.0-0.7 Ctr 0.67
G MT20 2.0x 4.0 Ctr Ctr 0.00
I MT20 2.0x 4.0 Ctr Ctr 0.00
K MT20 2.0x 4.0 Ctr Ctr 0.00
M 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
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

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.
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 197 Lbs
Max tens. force 174 Lbs
Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

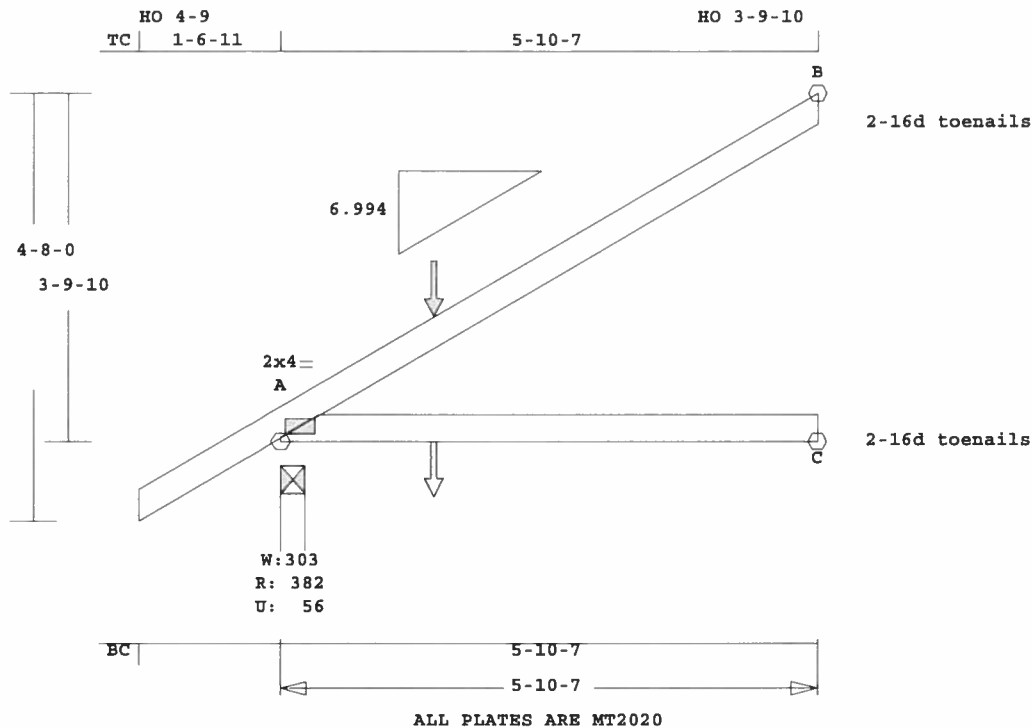
CURTIS & DANA HAYNES



Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert #5555

Job TF-HAYNES	Mark CJ2	Quan 2	Type JCA2	Span 51007	Pl-H1 6.994	Left OH 1- 6-11	Right OH 0	Engineering T2716287
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CURTIS & DANA HAYNES



Scale: 0.474" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 27.6 LBS

Online Plus -- Version 21.0.060

RUN DATE: 05-OCT-07

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

TC	0.42	2x 4	SP-#2
BC	0.35	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5-10- 7
BC	Cont.	0- 0- 0	5-10- 7

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	383	57 U	171 R
C	122		
B	178	81 U	71 R

Jt	Brg Size	Required
A	3.2"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

LC# 1 Standard Loading

Dur Fctrs - Lbr	1.25	Plt	1.25
plf - Dead	Live*	From	To
TC V	20	40	0.0' 5.9'
BC V	20	0	0.0' 5.9'
TC V	12	12	1.7' CL-LB
BC V	24	24	1.7' CL-LB

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

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.42	89	C	0.00	0.42
-----Bottom Chords-----					
A -C	0.35	0	T	0.00	0.35
TL Defl	-0.09" in A -C L/688				
LL Defl	-0.04" in A -C L/999				
Shear //	Grain in A -B 0.20				

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:

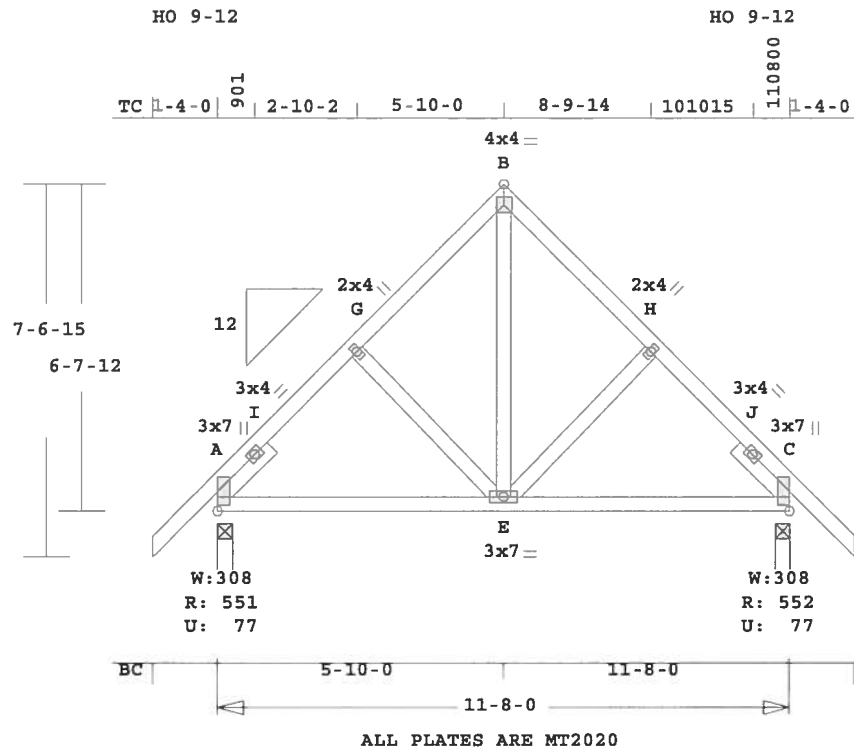
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading

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 89 Lbs
Max tens. force 70 Lbs
Quality Control Factor 1.25

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

Job TF-HAYNES	Mark D1	Quan 3	Type TR	Span 110800	Pl-H1 12	Left OH 1- 4- 0	Right OH 1- 4- 0	Engineering T2716288
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CURTIS & DANA HAYNES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 93.8 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ---Lumber---

TC	0.09	2x 4	SP-#2
BC	0.18	2x 4	SP-#2
WB	0.08	2x 4	SP-#2
SL	0.02	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	11- 8- 0
BC	Cont.	0- 0- 0	11- 8- 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	552	77 U	132 R
C	552	77 U	132 R

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

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

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -I	0.07	251 C	0.00	0.07
I -G	0.09	409 C	0.02	0.07
G -B	0.09	308 C	0.02	0.07
B -H	0.09	308 C	0.02	0.07
H -J	0.09	409 C	0.02	0.07
J -C	0.07	251 C	0.00	0.07

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

A -E	0.18	284 T	0.02	0.16
E -C	0.18	284 T	0.02	0.16

-----Webs-----

G -E	0.03	163 C
E -B	0.08	288 T
E -H	0.03	163 C

-----Sliders-----

A -I	0.02	244 C
J -C	0.02	244 C

TL Defl -0.03" in A -E L/999
LL Defl -0.01" in A -E L/999
Shear // Grain in A -E 0.12

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

A	MT20	3.0x 7.0	1.5	0.7	0.66
I	MT20	3.0x 4.0	Ctr	Ctr	0.50
G	MT20	2.0x 4.0	Ctr	Ctr	0.38
B	MT20	4.0x 4.0	Ctr	Ctr	0.50
H	MT20	2.0x 4.0	Ctr	Ctr	0.37
J	MT20	3.0x 4.0	Ctr	Ctr	0.50
C	MT20	3.0x 7.0	1.5	0.7	0.66
E	MT20	3.0x 7.0	Ctr	Ctr	0.37

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

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

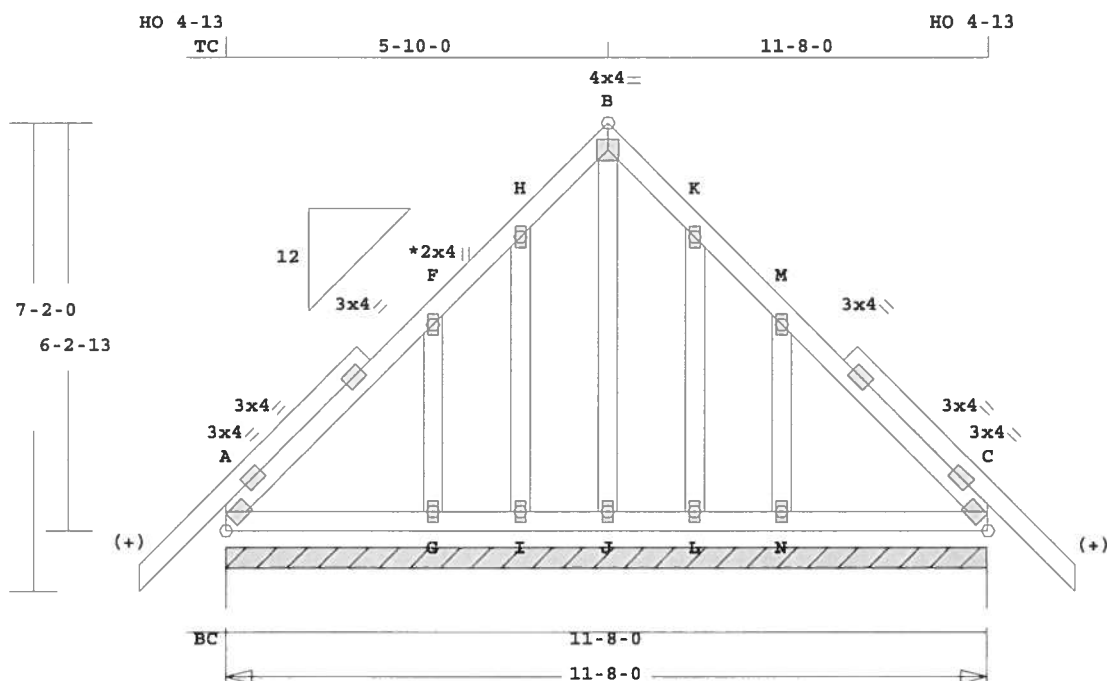
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0

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 409 Lbs
Max tens. force 288 Lbs
Quality Control Factor 1.25

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Robbins Engineering
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Tampa, FL, 33610
FL Cert.#5555

Job TF-HAYNES	Mark D2	Quan 1	Type TR	Span 110800	Pl-H1 12	Left OH 0	Right OH 0	Engineering T2716289
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CURTIS & DANA HAYNES



ALL PLATES ARE MT2020
See Joint F For Typical Gable Plate Size and Placement

Scale: 0.338" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 110.6 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

I -J	0.01	0 T	0.00	0.01
J -L	0.01	0 T	0.00	0.01
L -N	0.04	0 T	0.00	0.04
N -C	0.08	1 T	0.00	0.08

Analysis Conforms To:
FBC2004

-----Gable Webs-----

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

G -F	0.03	232 C
I -H	0.01	58 C
J -B	0.06	162 C
L -K	0.01	58 C
N -M	0.03	232 C

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 232 Lbs

Max tens. force 222 Lbs

Quality Control Factor 1.25

TL Defl 0.00" in N -C L/999
LL Defl 0.00" in N -C L/999
Shear // Grain in A -F 0.09

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 0.7 Ctr 0.61

F MT20 2.0x 4.0 Ctr Ctr 0.00

H MT20 2.0x 4.0 Ctr Ctr 0.00

B MT20 4.0x 4.0 Ctr Ctr 0.50

K MT20 2.0x 4.0 Ctr Ctr 0.00

M MT20 2.0x 4.0 Ctr Ctr 0.00

C MT20 3.0x 4.0-0.7 Ctr 0.61

G MT20 2.0x 4.0 Ctr Ctr 0.00

I MT20 2.0x 4.0 Ctr Ctr 0.00

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

Brace truss as follows:

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

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=1.15	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	933	124 U	131 R

Jt	Brg Size	Required
A	140.0"	0"-to- 140"

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

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

A -F	0.07	92 C	0.00	0.07
F -H	0.08	123 C	0.01	0.07
H -B	0.03	158 T	0.02	0.01
B -K	0.03	158 T	0.02	0.01
K -M	0.08	123 C	0.01	0.07
M -C	0.07	92 C	0.00	0.07

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

A -G	0.08	1 T	0.00	0.08
G -I	0.04	0 T	0.00	0.04

REVIEWED BY:

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

REFER TO ROBBINS ENG. GENERAL

NOTES AND SYMBOLS SHEET FOR

ADDITIONAL SPECIFICATIONS.

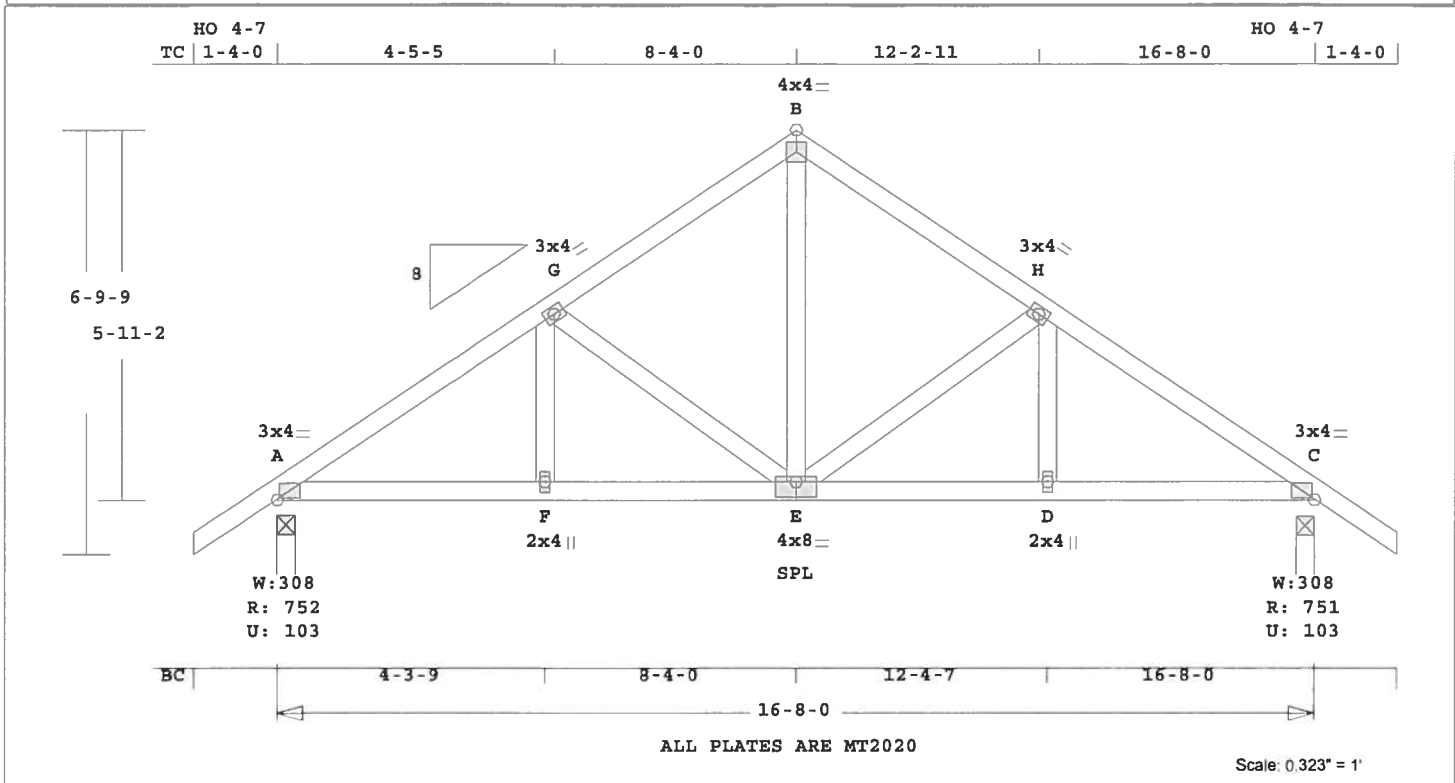
NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

Job TF-HAYNES	Mark E1	Quan 2	Type TR	Span 160800	Pl-H1 8	Left OH 1- 4- 0	Right OH 1- 4- 0	Engineering T2716290
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CURTIS & DANA HAYNES



ALL PLATES ARE MT2020

Scale: 0.323" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 113.6 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ----Lumber----
TC 0.14 2x 4 SP-#2
BC 0.17 2x 4 SP-#2
WB 0.08 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	16- 8- 0	
BC Cont.	0- 0- 0	16- 8- 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	752	104 U	114 R
C	752	104 U	114 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	0.14	874 C	0.00	0.14
G -B	0.14	598 C	0.00	0.14
B -H	0.14	598 C	0.00	0.14
H -C	0.14	874 C	0.00	0.14
-----Bottom Chords-----				
A -F	0.16	729 T	0.12	0.04
F -E	0.17	729 T	0.12	0.05

E -D	0.17	729 T	0.12	0.05
D -C	0.16	729 T	0.12	0.04
-----Webs-----				
F -G	0.02	159 T		
G -E	0.08	290 C		
E -B	0.07	426 T		
E -H	0.08	290 C		
D -H	0.02	159 T		

TL Defl -0.04" in F -E L/999
LL Defl -0.01" in F -E L/999
Shear // Grain in A -G 0.13

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 4.0 Ctr Ctr 0.67
G MT20 3.0x 4.0 Ctr Ctr 0.57
B MT20 4.0x 4.0 Ctr Ctr 0.57
H MT20 3.0x 4.0 Ctr Ctr 0.57
C MT20 3.0x 4.0 Ctr Ctr 0.67
F MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 4.0x 8.0 Ctr-1.0 0.54
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

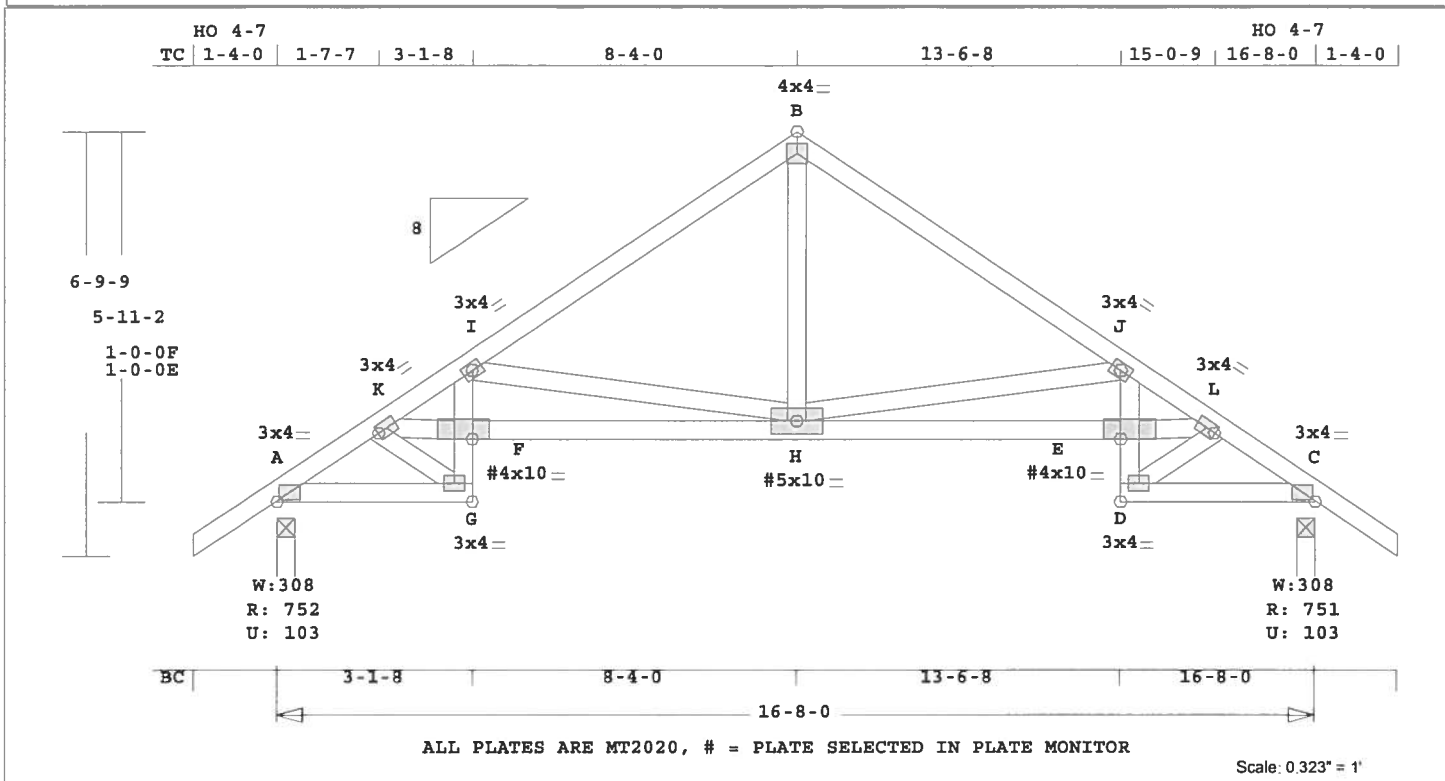
Design checked for 10 psf non-
concurrent LL on BC.

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 874 Lbs
Max tens. force 729 Lbs
Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
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Tampa, FL, 33610
FL Cert.#5555

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
TF-HAYNES	E2	4	SP	160800	8	1- 4- 0	1- 4- 0	T2716291

CURTIS & DANA HAYNES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 120.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ---Lumber---
TC 0.22 2x 4 SP-#2
BC 0.41 2x 4 SP-#2
CW 0.27 2x 4 SP-#2
WB 0.33 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	16- 8- 0	0
BC Cont.	0- 0- 0	16- 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	752	104 U	114 R
C	752	104 U	114 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 -K	0.09	916 C	0.00 0.09
K -I	0.19	1716 C	0.06 0.13
I -B	0.22	752 C	0.00 0.22
B -J	0.22	752 C	0.00 0.22
J -L	0.19	1716 C	0.06 0.13
L -C	0.09	916 C	0.00 0.09
---Bottom Chords---			
A -G	0.14	720 T	0.12 0.02
F -H	0.41	1522 T	0.25 0.16
H -E	0.41	1522 T	0.25 0.16

D -C	0.14	720 T	0.12 0.02
-----Chord-Webs-----			
G -F	0.27	462 T	0.08 0.19
F -I	0.19	450 T	0.08 0.11
D -E	0.27	461 T	0.08 0.19
E -J	0.19	450 T	0.08 0.11
-----Webs-----			
K -G	0.07	768 C	
K -F	0.25	1375 T	
I -H	0.33	910 C	
H -B	0.09	509 T	
H -J	0.33	909 C	
E -L	0.25	1375 T	
D -L	0.07	768 C	

TL Defl -0.12" in F -H L/999
LL Defl -0.05" in F -H L/999
Shear // Grain in I -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 0.67
K MT20 3.0x 4.0 Ctr Ctr 0.98
I MT20 3.0x 4.0 Ctr Ctr 0.41
B MT20 4.0x 4.0 Ctr Ctr 0.57
J MT20 3.0x 4.0 Ctr Ctr 0.41
L MT20 3.0x 4.0 Ctr Ctr 0.98
C MT20 3.0x 4.0 Ctr Ctr 0.67
G MT20 3.0x 4.0 Ctr Ctr 0.79
F# MT20 4.0x10.0 Ctr 0.2 0.45
H# MT20 5.0x10.0 Ctr Ctr 0.38
E# MT20 4.0x10.0 Ctr 0.2 0.45
D MT20 3.0x 4.0 Ctr Ctr 0.79

= Plate Monitor used

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

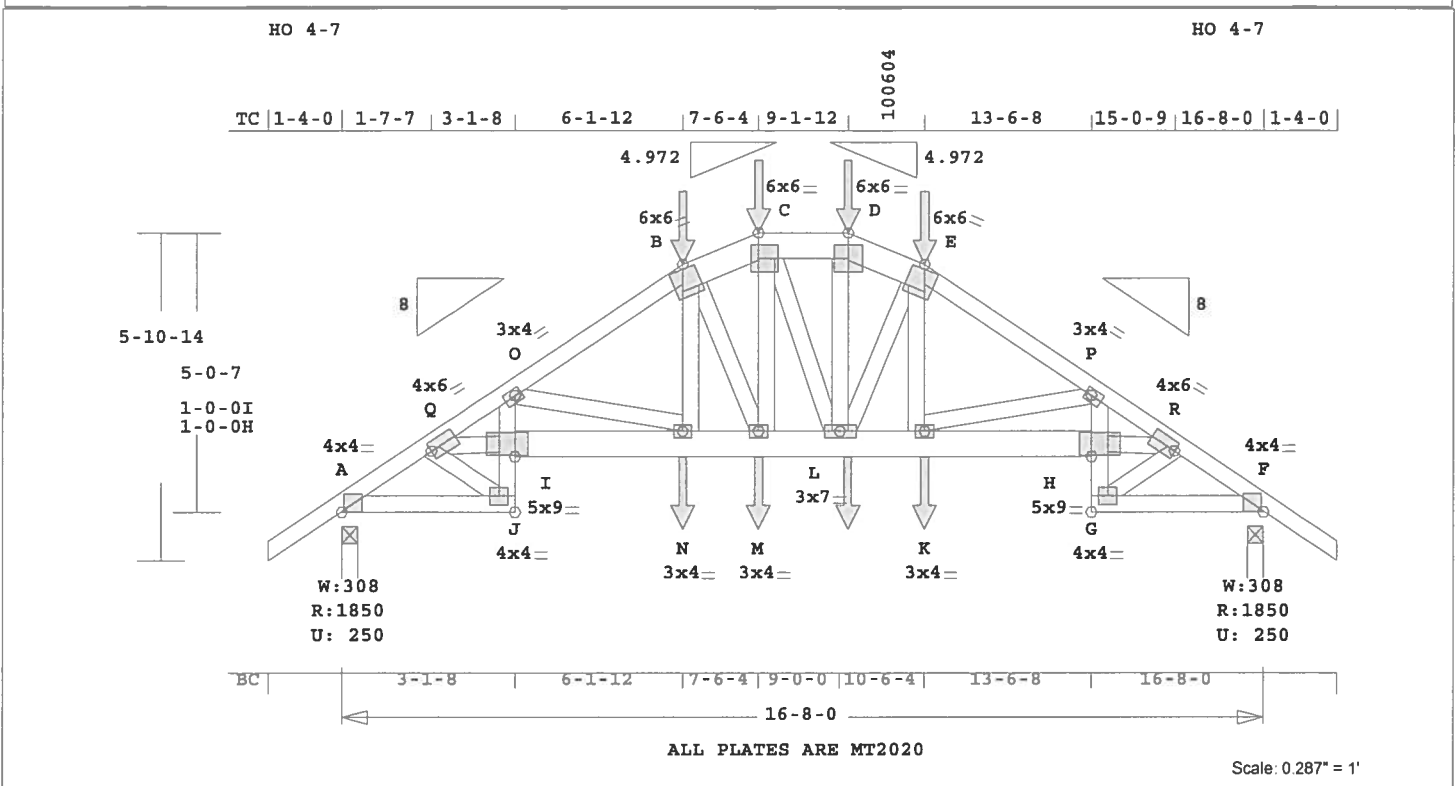
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:

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 1716 Lbs
Max tens. force 1522 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
TF-HAYNES	E3	1	SP	160800	8	1- 4- 0	1- 4- 0	T2716292

CURTIS & DANA HAYNES



Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI	-Size-	---	Lumber----
TC	0.51	2x 4	SP-#2
--	0.16	2x 6	SP-#2
B - C	C - D	D - E	
BC	0.95	2x 6	SP-#2
--	0.46	2x 4	SP-#2
A - J	G - F		
CW	0.86	2x 4	SP-#1
WB	0.73	2x 4	SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 16- 8- 0
BC Cont. 0- 0- 0 16- 8- 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 1850 250 U 92 R
F 1850 250 U 92 R

Jt	Brg Size	Required
A	3.5"	2.2"
F	3.5"	2.2"

LC#	1	Standard Loading
Dur Fctrs	- Lbr 1.25	Plt 1.25
plf - Dead	Live*	From To
TC V	20	40 0.0' 16.7'
BC V	20	0 0.0' 16.7'
TC V	101	101 6.1' CL-LB
TC V	101	101 10.5' CL-LB
TC V	130	130 7.5' CL-LB
TC V	130	130 9.1' CL-LB
BC V	88	88 6.1' CL-LB
BC V	231	231 7.5' CL-LB
BC V	231	231 9.1' CL-LB
BC V	88	88 10.5' CL-LB

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

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A - Q	0.34	2659 C	0.05 0.29
Q - O	0.51	5205 C	0.23 0.28
O - B	0.38	3529 C	0.10 0.28
B - C	0.16	3054 C	0.13 0.03
C - D	0.13	2898 C	0.12 0.01

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 157.2 LBS

D - E	0.16	3066 C	0.13 0.03
E - P	0.38	3529 C	0.10 0.28
P - R	0.51	5204 C	0.23 0.28
R - F	0.34	2659 C	0.05 0.29

-----Bottom Chords-----			
A - J	0.46	2092 T	0.38 0.08
I - N	0.95	4377 T	0.58 0.37
N - M	0.44	2952 T	0.39 0.05
M - L	0.42	2875 T	0.38 0.04
L - K	0.44	2953 T	0.39 0.05
K - H	0.95	4376 T	0.58 0.37
G - F	0.46	2092 T	0.38 0.08

-----Chord-Webs-----			
J - I	0.86	1201 T	0.17 0.69
I - O	0.25	1249 T	0.18 0.07
G - H	0.86	1201 T	0.17 0.69
H - P	0.25	1249 T	0.18 0.07

-----Webs-----			
Q - J	0.20	2087 C	
Q - I	0.73	3953 T	
O - N	0.23	1460 C	
N - B	0.12	685 T	
B - M	0.02	140 C	
M - C	0.11	624 T	
C - L	0.01	65 T	
L - D	0.11	641 T	
L - E	0.01	130 C	
K - E	0.12	656 T	
K - P	0.23	1458 C	
H - R	0.73	3952 T	
G - R	0.20	2087 C	

TL Defl	-0.26"	in I - N	L/745
LL Defl	-0.13"	in N - M	L/999
Shear //	Grain	in J - I	0.49

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	4.0	Ctr 0.1 0.86
Q MT20	4.0x	6.0	0.8 0.6 1.00
O MT20	3.0x	4.0-0.4-0.3	0.83
B MT20	6.0x	6.0	0.9 0.4 0.81
C MT20	6.0x	6.0-0.5	Ctr 0.72
D MT20	6.0x	6.0	Ctr Ctr 0.61
E MT20	6.0x	6.0-0.9	0.4 0.81
P MT20	3.0x	4.0	0.4-0.3 0.83
R MT20	4.0x	6.0-0.8	0.6 1.00
F MT20	4.0x	4.0	Ctr 0.1 0.86
J MT20	4.0x	4.0	Ctr Ctr 0.91
I MT20	5.0x	9.0	Ctr Ctr 0.85
N MT20	3.0x	4.0	Ctr Ctr 0.91
M MT20	3.0x	4.0	Ctr Ctr 0.48
L MT20	3.0x	7.0	Ctr Ctr 0.45
K MT20	3.0x	4.0	Ctr Ctr 0.91
H MT20	5.0x	9.0	Ctr Ctr 0.85
G MT20	4.0x	4.0	Ctr Ctr 0.91

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 5205 Lbs

Max tens. force 4377 Lbs

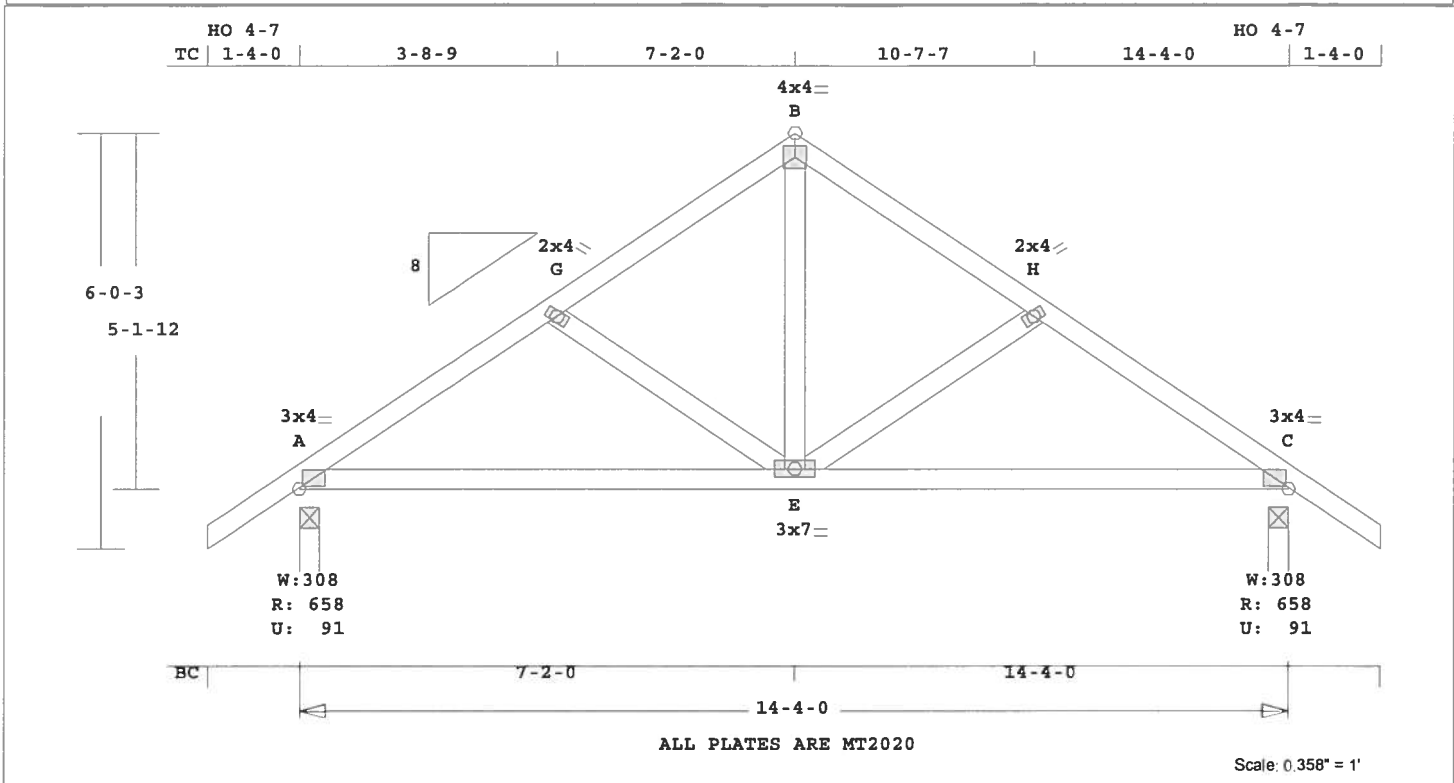
Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL 33610
FL Cert.#5555

REVIEWED BY:

Job TF-HAYNES	Mark F1	Quan 4	Type TR	Span 140400	Pl-H1 8	Left OH 1- 4- 0	Right OH 1- 4- 0	Engineering T2716293
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CURTIS & DANA HAYNES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 90.2 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

	CSI	-Size-	-----Lumber----
TC	0.11	2x 4	SP-#2
BC	0.33	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- 4- 0
BC	Cont.	0- 0- 0	14- 4- 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	659	91 U	96 R
C	659	91 U	96 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	0.11	716 C	0.00	0.11
G -B	0.11	528 C	0.00	0.11
B -H	0.11	528 C	0.00	0.11

H -C	0.11	716 C	0.00	0.11
-----Bottom Chords-----				
A -E	0.33	603 T	0.05	0.28
E -C	0.33	603 T	0.05	0.28
-----Webs-----				
G -E	0.04	211 C		
E -B	0.06	401 T		
E -H	0.04	211 C		

TL Defl	-0.08"	in A -E	L/999
LL Defl	-0.04"	in A -E	L/999
Shear // Grain	in A -E	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
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 0.38
C MT20 3.0x 4.0 Ctr Ctr 0.64
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

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 716 Lbs

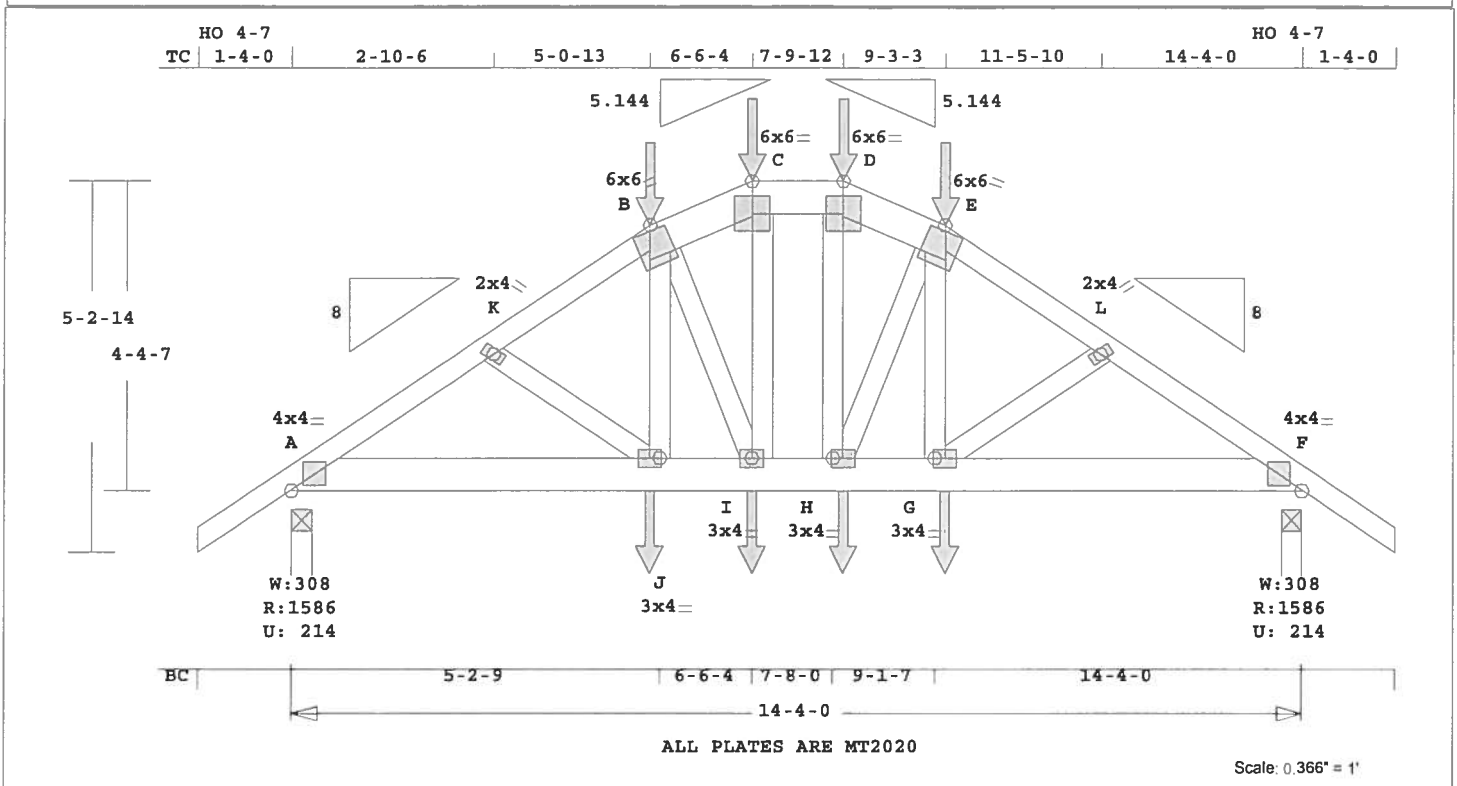
Max tens. force 603 Lbs

Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

Job TF-HAYNES	Mark F2	Quan 1	Type SP	Span 140400	Pl-H1 8	Left OH 1- 4- 0	Right OH 1- 4- 0	Engineering T2716294
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CURTIS & DANA HAYNES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 130.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ---Lumber---
TC 0.20 2x 4 SP-#2
-- 0.12 2x 6 SP-#2
B -C C -D D -E
BC 0.35 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- 4- 0
BC Cont. 0- 0- 0 14- 4- 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 1587 215 U 67 R
F 1587 215 U 67 R

Jt Brg Size Required
A 3.5" 1.9"
F 3.5" 1.9"

LC# 1 Standard Loading
Dur Fctrs - Lbr 1.25 Plt 1.25
plf - Dead Live* From To
TC V 20 40 0.0' 14.3'
BC V 20 0 0.0' 14.3'
TC V 89 89 5.1' CL-LB
BC V 61 61 5.1' CL-LB
BC V 61 61 9.3' CL-LB
TC V 89 89 9.3' CL-LB
BC V 179 179 6.5' CL-LB
BC V 179 179 7.8' CL-LB
TC V 137 137 6.5' CL-LB
TC V 137 137 7.8' CL-LB

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

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -K 0.18 2352 C 0.15 0.03
K -B 0.20 2263 C 0.15 0.05
B -C 0.12 2052 C 0.10 0.02
C -D 0.10 1914 C 0.09 0.01
D -E 0.12 2052 C 0.10 0.02
E -L 0.20 2262 C 0.15 0.05
L -F 0.18 2352 C 0.15 0.03
-----Bottom Chords-----
A -J 0.35 1944 T 0.26 0.09
J -I 0.32 1899 T 0.25 0.07
I -H 0.25 1914 T 0.25 0.00
H -G 0.32 1899 T 0.25 0.07
G -F 0.35 1944 T 0.26 0.09
-----Webs-----
K -J 0.01 88 C
J -B 0.02 186 T
B -I 0.00 44 T
I -C 0.07 395 T
H -D 0.07 395 T
H -E 0.00 44 T
G -E 0.02 186 T
G -L 0.01 88 C

TL Defl -0.07" in J -I L/999
LL Defl -0.04" in J -I L/999
Shear // Grain in K -B 0.12

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 4.0 Ctr Ctr 0.81
K MT20 2.0x 4.0 Ctr Ctr 0.37
B MT20 6.0x 6.0 0.9 0.4 0.78
C MT20 6.0x 6.0 Ctr Ctr 0.61
D MT20 6.0x 6.0 Ctr Ctr 0.61
E MT20 6.0x 6.0-0.9 0.4 0.78
L MT20 2.0x 4.0 Ctr Ctr 0.37
F MT20 4.0x 4.0 Ctr Ctr 0.81
J MT20 3.0x 4.0 Ctr Ctr 0.45
I MT20 3.0x 4.0 Ctr Ctr 0.45
H MT20 3.0x 4.0 Ctr Ctr 0.45
G 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.

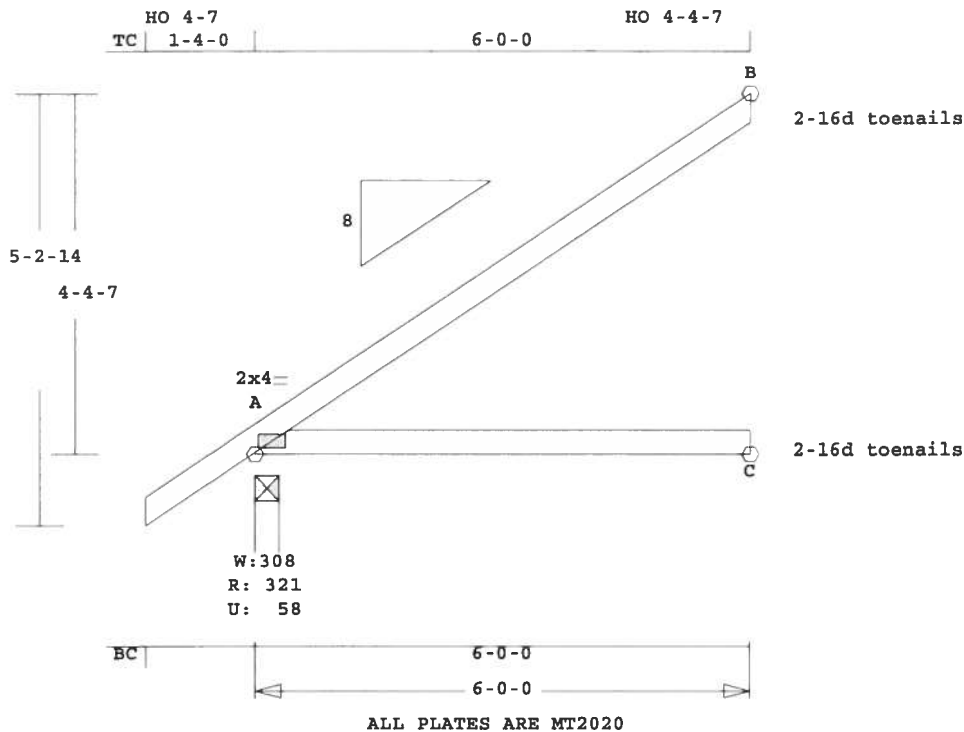
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

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 2352 Lbs
Max tens. force 1944 Lbs
Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
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Tampa, FL, 33610
FL Cert.#5555

Job TF-HAYNES	Mark J1	Quan 2	Type JCA2	Span 60000	Pl-H1 8	Left OH 1- 4- 0	Right OH 0	Engineering T2716295
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CURTIS & DANA HAYNES



Scale: 0.427" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 28.4 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI	-Size-	----	Lumber----
TC	0.34	2x 4	SP-#2
BC	0.25	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	6- 0- 0
BC	Cont.	0- 0- 0	6- 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	321	58 U	199 R
C	114		
B	186	90 U	83 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	Ax1-CSI-Bnd
-----Top Chords-----				
A -B	0.34	109 C	0.00	0.34
B -B	0.00	4 C		

-----Bottom Chords-----
A -C 0.25 0 T 0.00 0.25

TL Defl	-0.10"	in A -C	L/671
LL Defl	-0.04"	in A -C	L/999
Shear // Grain	in A -B	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 2.0x 4.0 Ctr Ctr 0.62

REVIEWED BY:

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

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

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

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

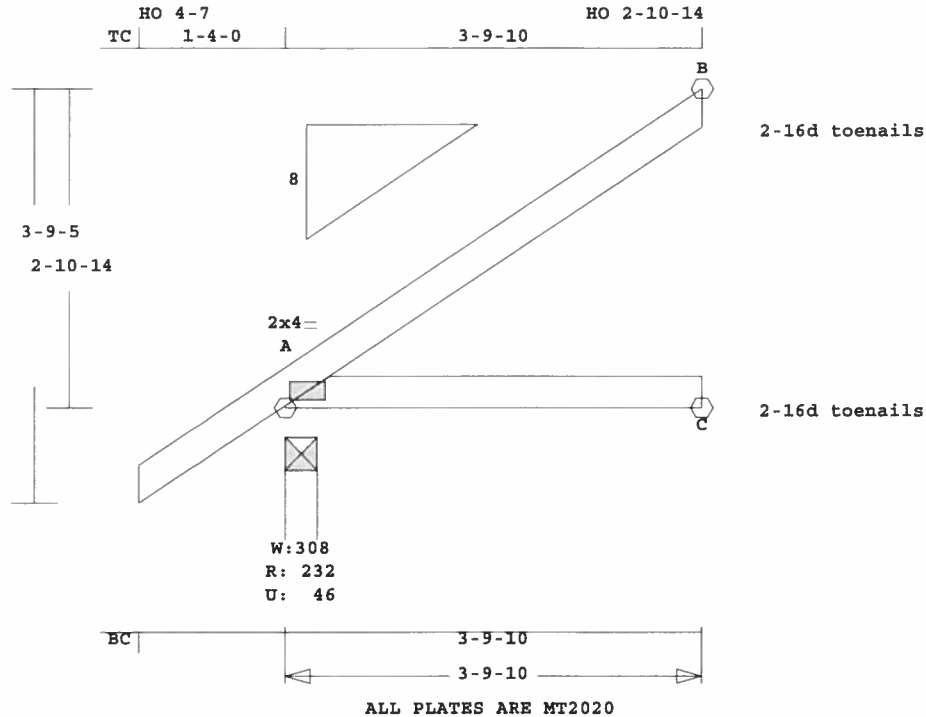
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.

Wind Speed:	110 mph
Mean Roof Height:	15-0
Exposure Category:	B
Occupancy Factor :	1.00
Building Type:	Enclosed
TC Dead Load:	5.0 psf
BC Dead Load:	5.0 psf
Max comp. force	109 Lbs
Max tens. force	86 Lbs
Quality Control Factor	1.25

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

Job TF-HAYNES	Mark J2	Quan 2	Type JCA2	Span 30910	Pl-H1 8	Left OH 1- 4- 0	Right OH 0	Engineering T2716296
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CURTIS & DANA HAYNES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.2 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

	CSI	-Size-	----Lumber----
TC	0.12	2x 4	SP-#2
BC	0.09	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	3- 9-10
BC	Cont.	0- 0- 0	3- 9-10

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	233	47 U	127 R
C	72		
B	122	59 U	52 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	0.12	72 C	0.00	0.12	
B -B	0.00	4 C			

-----Bottom Chords-----
A -C 0.09 0 T 0.00 0.09
TL Defl -0.01" in A -C L/999
LL Defl -0.01" in A -C L/999
Shear // Grain in A -B 0.10
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.
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*

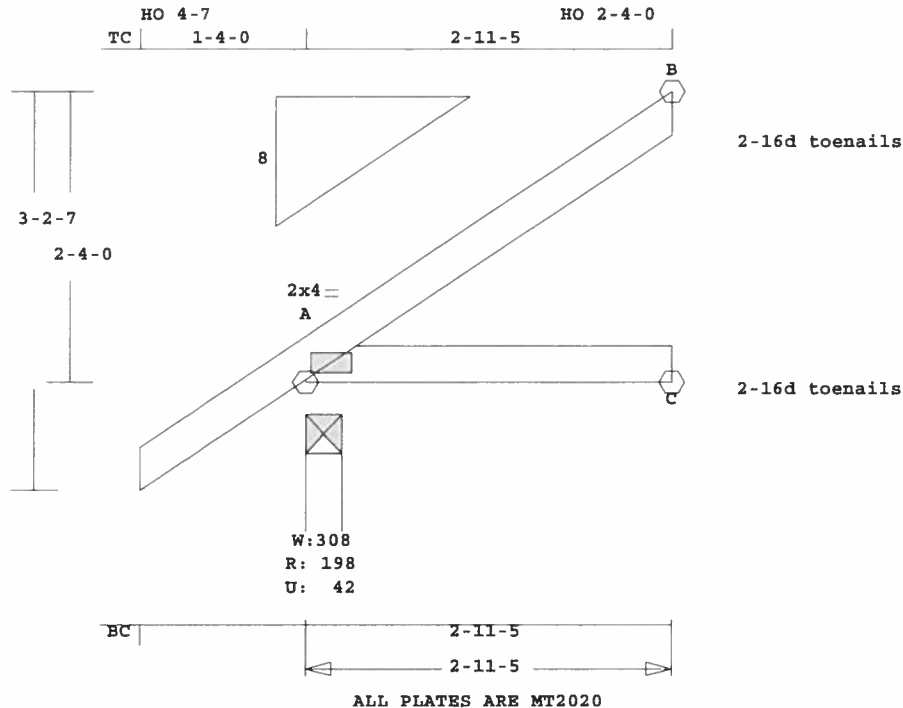
for Exterior zone location.

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 72 Lbs
Max tens. force 57 Lbs
Quality Control Factor 1.25

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FL Cert #5555

Job TF-HAYNES	Mark J3	Quan 2	Type JCA2	Span 21105	Pl-H1 8	Left OH 1- 4- 0	Right OH 0	Engineering T2716297
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CURTIS & DANA HAYNES



Scale: 0.645" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.6 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-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	2-11- 5
BC	Cont.	0- 0- 0	2-11- 5

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	198	42 U	98 R
C	56		
B	97	47 U	40 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	57 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.
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

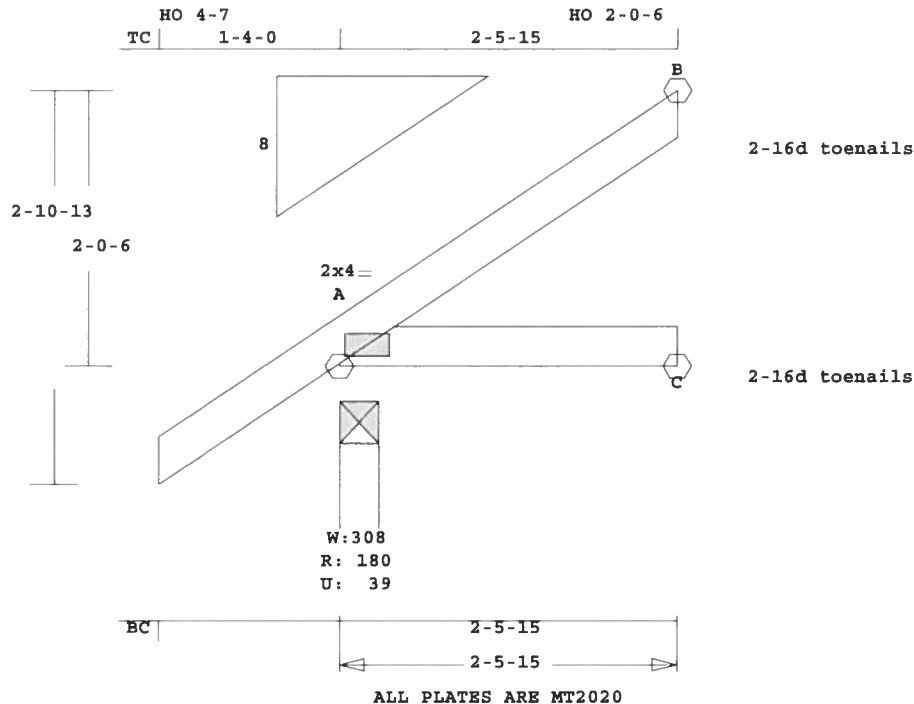
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as
Components and Claddings*
for Exterior zone location.

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 57 Lbs
Max tens. force 46 Lbs
Quality Control Factor 1.25

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

Job TF-HAYNES	Mark J4	Quan 2	Type JCA2	Span 20515	Pl-H1 8	Left OH 1- 4- 0	Right OH 0	Engineering T2716298
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CURTIS & DANA HAYNES



Scale: 0.702" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 13.8 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ----Lumber----
TC 0.04 2x 4 SP-#2
BC 0.03 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	2- 5-15
BC	Cont.	0- 0- 0	2- 5-15

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	180	40 U	83 R
C	47		
B	84	41 U	34 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	Ax1-CSI-Bnd
-----Top Chords-----				
A -B	0.04	49 C	0.00	0.04
B -B	0.00	4 C		

-----Bottom Chords-----
A -C 0.03 0 T 0.00 0.03
TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.06

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.
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 49 Lbs
Max tens. force 40 Lbs
Quality Control Factor 1.25

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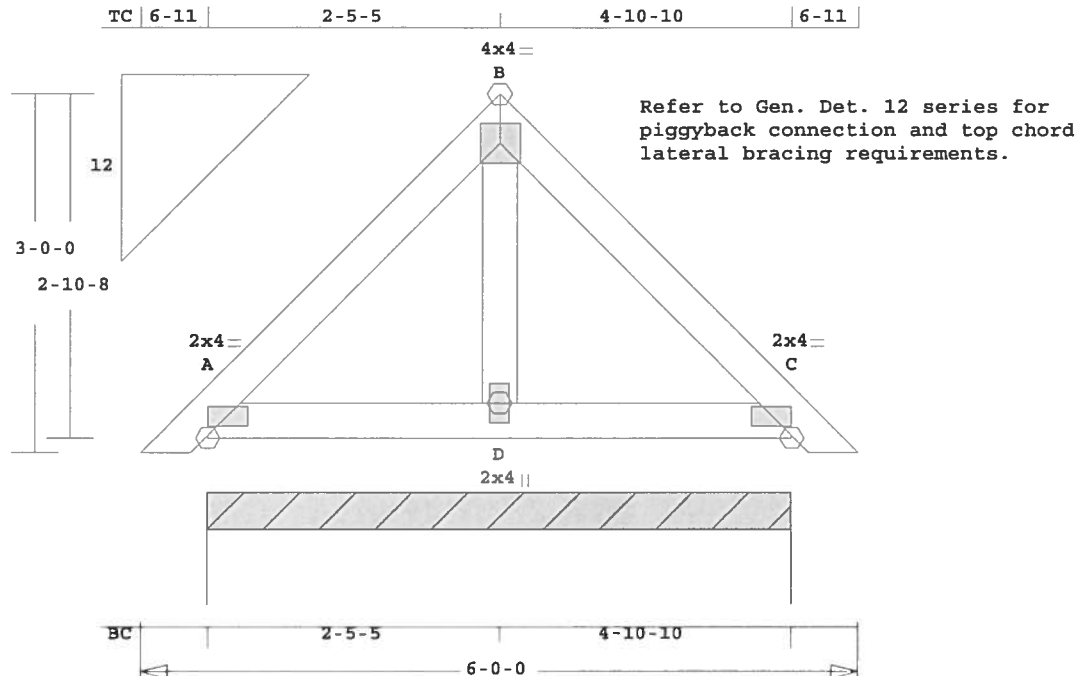
CURTIS & DANA HAYNES



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FL Cert. #5555

Job TF-HAYNES	Mark PI	Quan 21	Type TR	Span 60000	Pl-H1 12	Left OH 6-11	Right OH 6-11	Engineering T2716300
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CURTIS & DANA HAYNES



ALL PLATES ARE MT2020

Scale: 0.619" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 29.4 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI	-Size-	----	Lumber----
TC	0.05	2x 4	SP-#2
BC	0.03	2x 4	SP-#2
WB	0.00	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	6- 0- 0
BC	Cont.	0- 0- 0	6- 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 409 146 U 66 R

Jt	Brg Size	Required
A	58.6"	0"-to- 59"

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

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.05		108 C	0.01	0.04
B -C	0.05		108 C	0.01	0.04
-----Bottom Chords-----					
A -D	0.03		0 T	0.00	0.03
D -C	0.03		0 T	0.00	0.03

-----Webs-----
D -B 0.00 42 C

TL Defl 0.00" in A -D L/999
LL Defl 0.00" in A -D 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 0.4 0.3 0.58
B MT20 4.0x 4.0 Ctr Ctr 0.41
C MT20 2.0x 4.0-0.4 0.3 0.58
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.

Refer to Gen Det 3 series for
web bracing and plating.

Wind Loads - ANSI / ASCE 7-02

Truss is designed as

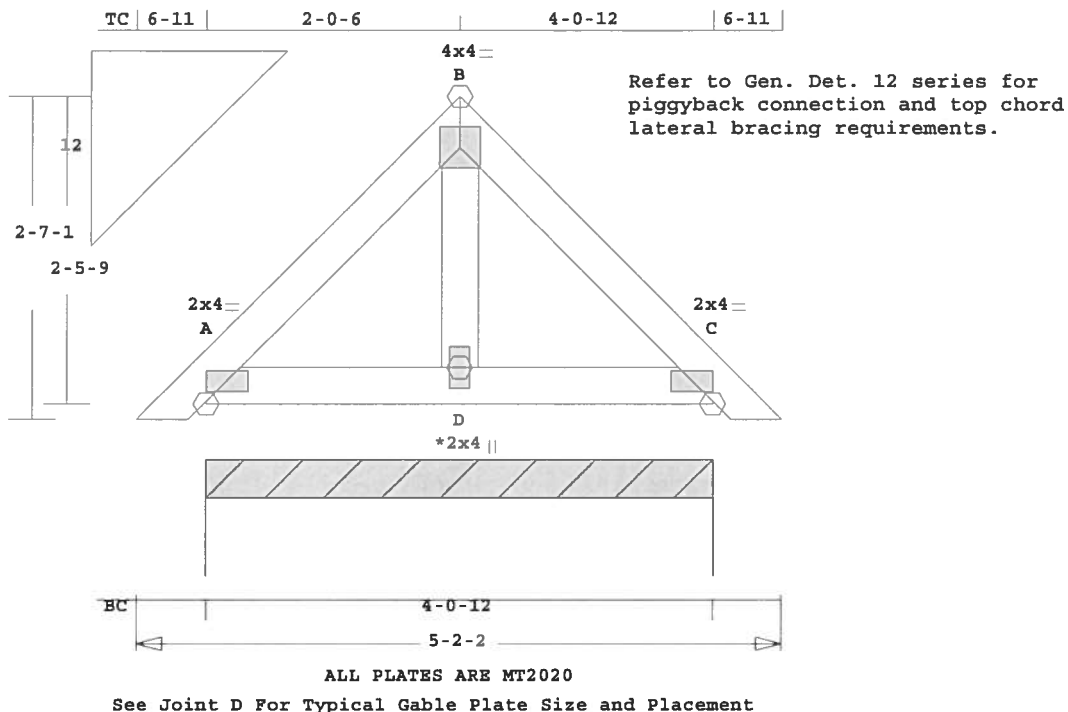
Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph
Mean Roof Height: 32-0
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 108 Lbs
Max tens. force 97 Lbs
Quality Control Factor 1.25

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

Job TF-HAYNES	Mark P2	Quan 3	Type TR	Span 50202	Pl-Hl 12	Left OH 6-11	Right OH 6-11	Engineering T2716301
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CURTIS & DANA HAYNES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.8 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

-----Gable Webs-----
D -B 0.00 25 C

Wind Speed: 110 mph
Mean Roof Height: 32-0
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 80 Lbs
Max tens. force 73 Lbs
Quality Control Factor 1.25

CSI -Size- ----Lumber----
TC 0.02 2x 4 SP-#2
BC 0.02 2x 4 SP-#2
GW 0.00 2x 4 SP-#2

TL Defl 0.00" in A -D L/999
LL Defl 0.00" in A -D L/999
Shear // Grain in A -B 0.05

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	5- 2- 2	
BC Cont.	0- 0- 0	5- 2- 2	

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 0.4 0.3 0.58
B MT20 4.0x 4.0 Ctr Ctr 0.41
C MT20 2.0x 4.0-0.4 0.3 0.58
D MT20 2.0x 4.0 Ctr Ctr 0.00

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

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

Total Load Reactions (Lbs)
Jt Down Uplift Horiz-
A 344 123 U 54 R

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

Jt Brg Size Required
A 48.8" 0"-to- 49"

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.

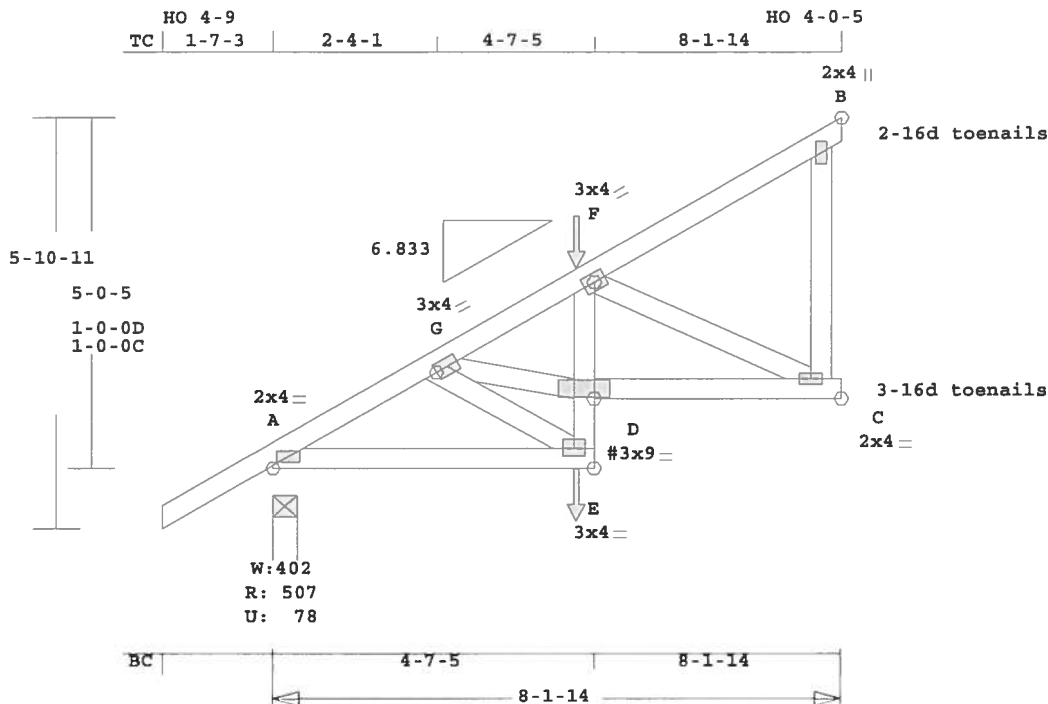
Plus 7 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.02		80 C	0.00	0.02
B -C	0.02		80 C	0.00	0.02
-----Bottom Chords-----					
A -D	0.02		0 T	0.00	0.02
D -C	0.02		0 T	0.00	0.02

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FL Cert.#5555

Job TF-HAYNES	Mark VCJI	Quan 2	Type SP	Span 80114	Pl-H1 6.833	Left OH 1- 7- 3	Right OH 0	Engineering T2716302
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CURTIS & DANA HAYNES



Scale: 0.361" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 62.1 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI -Size- ----Lumber-----
TC 0.13 2x 4 SP-#2
BC 0.17 2x 4 SP-#2
CW 0.14 2x 4 SP-#2
WB 0.12 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	8- 1-14	
BC Cont.	0- 0- 0	8- 1-14	

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	507	79 U	72 R
C	335	44 U	
B	106	31 U	147 R

Jt	Brg Size	Required
A	4.1"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC# 1 Standard Loading
Dur Fctrs - Lbr 1.25 Plt 1.25
plf - Dead Live* From To
TC V 20 40 0.0' 8.2'
BC V 20 0 0.0' 8.2'
TC V 61 61 4.3' CL-LB
BC V 36 36 4.3' CL-LB

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

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

A -G	0.06	536 C	0.03	0.03
G -F	0.11	677 C	0.03	0.08
F -B	0.13	116 T	0.00	0.13
B -B	0.00	4 C		
-----Bottom Chords-----				
A -E	0.15	462 T	0.05	0.10
D -C	0.17	617 T	0.11	0.06
-----Chord-Webs-----				
E -D	0.14	357 T	0.06	0.08
D -F	0.11	343 T	0.05	0.06
-----Webs-----				
G -E	0.05	493 C		
G -D	0.10	566 T		
F -C	0.12	683 C		
C -B	0.06	0 T	WindLd	

TL Defl -0.03" in A -E L/999
LL Defl -0.01" in A -E L/999
Shear // Grain in F -B 0.13

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.69
G MT20 3.0x 4.0 Ctr Ctr 0.45
F MT20 3.0x 4.0 Ctr Ctr 0.35
B MT20 2.0x 4.0 Ctr Ctr 0.38
E MT20 3.0x 4.0 Ctr Ctr 0.77
D# MT20 3.0x 9.0 Ctr Ctr 0.43
C MT20 2.0x 4.0 Ctr Ctr 0.77

= 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.

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.

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 683 Lbs

Max tens. force 617 Lbs

Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126

Robbins Engineering

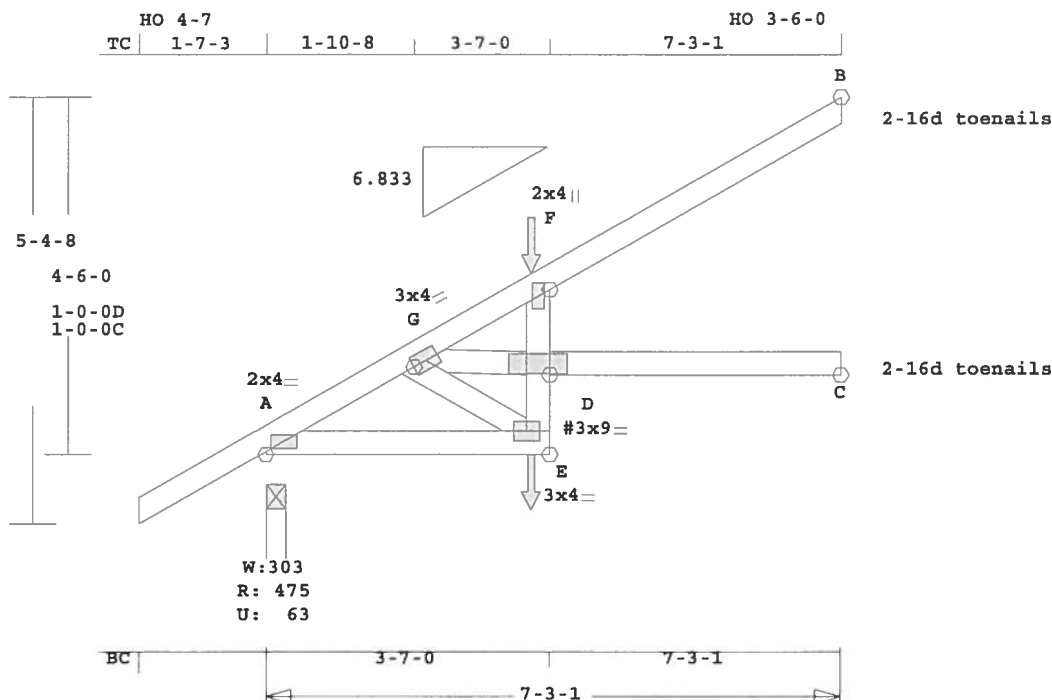
6904 Parke East Blvd

Tampa, FL, 33610

FL Cert.#5555

Job TF-HAYNES	Mark VCJ2	Quan 2	Type SP	Span 70301	P1-H1 6.833	Left OH 1- 7- 3	Right OH 0	Engineering T2716303
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CURTIS & DANA HAYNES



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.411" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 42.3 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

CSI	Size	---Lumber---
TC	0.59	2x 4 SP-#2
BC	1.00	2x 4 SP-#2
CW	0.35	2x 4 SP-#2
WB	0.01	2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	7- 3- 1	
BC Cont.	0- 0- 0	7- 3- 1	

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	475	63 U	201 R
C	173	16 U	
B	193	71 U	86 R

Jt	Brg Size	Required
A	3.2"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC# 1 Standard Loading
Dur Fctrs - Lbr 1.25 Plt 1.25
plf - Dead Live* From To
TC V 20 40 0.0' 7.3'
BC V 20 0 0.0' 7.3'
TC V 49 49 3.3' CL-LB
BC V 28 28 3.3' CL-LB

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

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

A -G	0.09	555 C	0.00	0.09
G -F	0.57	267 C	0.00	0.57
F -B	0.59	80 T	0.00	0.59

-----Bottom Chords-----				
A -E	0.12	489 T	0.09	0.03
E -D	0.35	93 T	0.01	0.34
D -C	1.00	0 T	0.00	1.00

-----Chord-Webs-----				
E -D	0.35	93 T	0.01	0.34
D -F	0.33	167 T	0.01	0.32

-----Webs-----				
G -E	0.01	186 C		
G -D	0.01	178 C		

TL Defl	-0.28"	in D -C	L/289
LL Defl	-0.14"	in D -C	L/587
Hx Disp	LL	DL	TL
Jt C	0.04"	0.04"	0.08"
Shear // Grain	in G -F 0.27		

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.67
G MT20 3.0x 4.0 Ctr Ctr 0.40
F MT20 2.0x 4.0 Ctr Ctr 0.13
E MT20 3.0x 4.0 Ctr Ctr 0.77
D# MT20 3.0x 9.0 Ctr Ctr 0.42

= 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.

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.

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 555 Lbs

Max tens. force 489 Lbs

Quality Control Factor 1.25

Philip J. O'Regan, FL Lic. #58126
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

CURTIS & DANA HAYNES



Scale: 0.377" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.9 LBS

Online Plus -- Version 21.0.060
RUN DATE: 05-OCT-07

	CSI	-Size-	----Lumber----
TC	0.29	2x 4	SP-#2
BC	0.57	2x 4	SP-#2
CW	0.22	2x 4	SP-#2
WB	0.01	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	367	64 U	228 R
C	128	20 U	
B	156	68 U	97 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	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 -G	0.08		332 C	0.00	0.08
G -F	0.27		118 C	0.00	0.27
F -B	0.29		87 T	0.00	0.29
-----Bottom Chords-----					

A	-E	0.07	295	T	0.04	0.03
E	-D	0.20	43	T	0.00	0.20
D	-C	0.57	0	T	0.00	0.57
-----Chord-Webs-----						
E	-D	0.22	43	T	0.00	0.22
D	-F	0.17	108	T	0.00	0.17
-----Webs-----						
G	-E	0.01	87	C		
G	-D	0.01	181	C		

TL Defl	-0.14"	in D -C	L/558
LL Defl	-0.07"	in D -C	L/999
Hz Disp	LL	DL	TL
Jt C	0.02"	0.02"	0.04"
Shear //	Grain	in G -F	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	0.64
G	MT20	3.0x	4.0	Ctr	Ctr	0.37
F	MT20	2.0x	4.0	Ctr	Ctr	0.13
E	MT20	3.0x	4.0	Ctr	Ctr	0.77
D#	MT20	3.0x	9.0	Ctr	Ctr	0.41

= Plate Monitor used

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

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NOTES AND SYMBOLS SHEET FOR
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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.

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	332 Lbs
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Max tens. force	295 Lbs
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Quality Control Factor 1.25

ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION

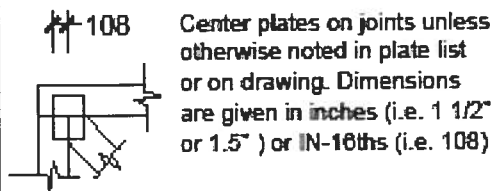
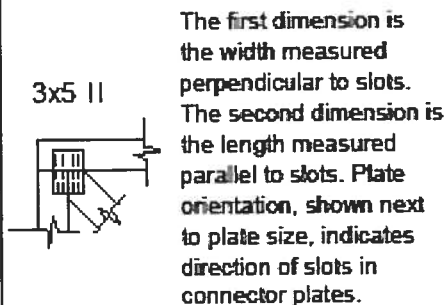
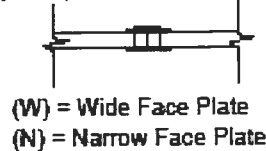


PLATE SIZE AND ORIENTATION



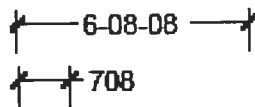
FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



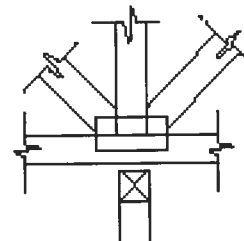
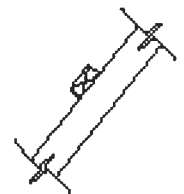
DIMENSIONS

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).



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.



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.



6904 Parke East Blvd.
Tampa, FL 33610-4115
Tel: 813-972-1135 Fax: 813-971-6117

www.robbseng.com