

362 NE CLYDE AVE.
MAYO, FL. 32066
(386) 294-3988
(877)-558-6262

KENNY TOWNSEND

BATES RESIDENCE

110 MPH ASCE WIND LOAD

Floor Loading

T/C Live: 20.00 psf

TC Dead: 10.00 psf

EC Live: 0.00 psf

EC Dead: 10.00 psf

IC Stress Inc: 25.00

E.C. Stress Inc: 25.00

Spacing: 2-0-0 o.c.

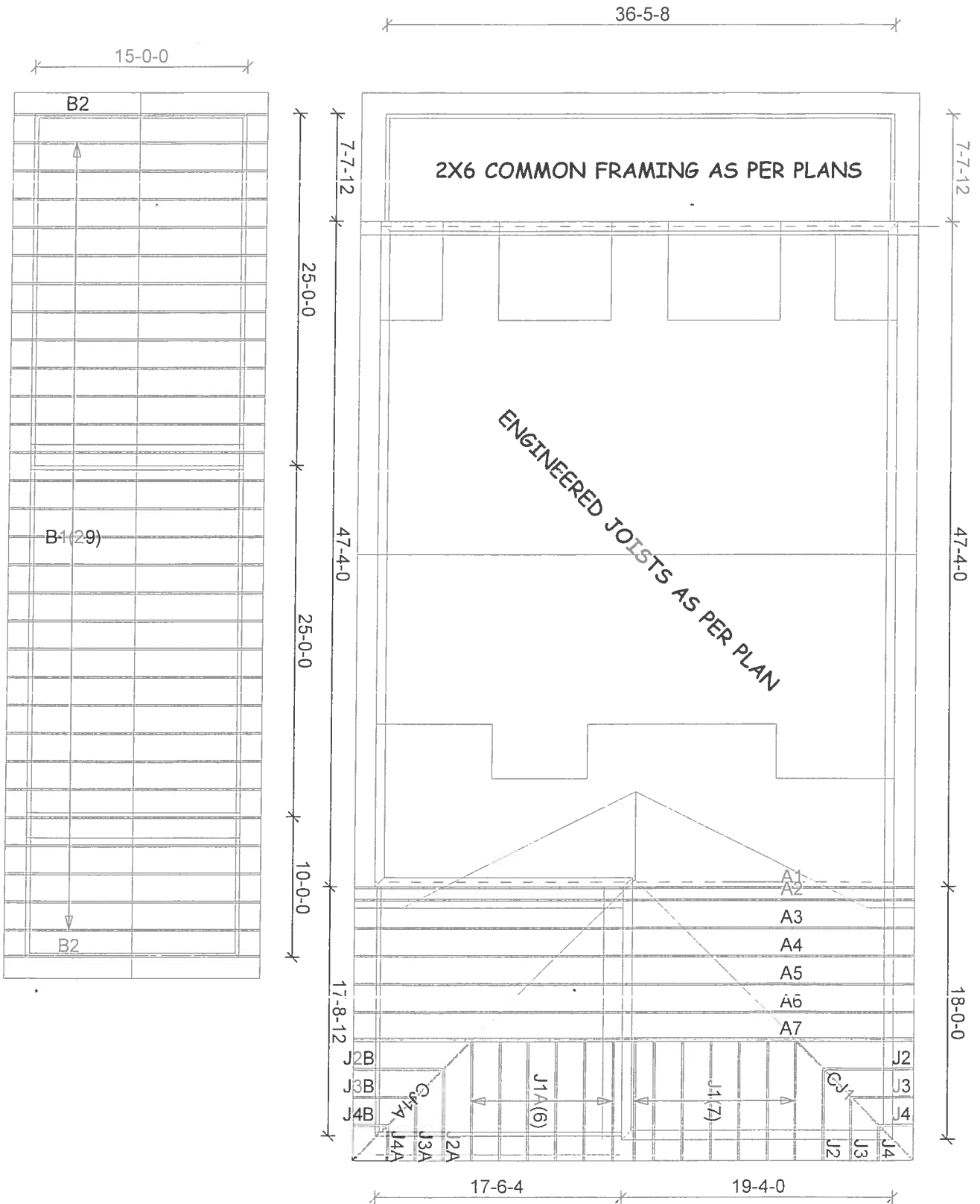
Account: CONTRACTORS

Job: KT-BATES

Designer: M.MURRAY

Checker: M.MURRAY

Date: 04-13-06



Permit Number: _____ Lot Number: _____

Miscellaneous: _____ Address: _____

The information in this box is for administrative purposes only and is not part of the engineering review.

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: KT-BATES - BATES

Standard Loading:

T C Live	20 psf
T C Dead	10 psf
B C Live	0 psf
B C Dead	10 psf
Total	40 psf

ANSI/ASCE 7-02
 Wind Speed - 110 mph
 Mean Roof Ht. - 15 ft
 Exposure Category - B
 Occupancy Factor - 1.00
 MWFRS
 Enclosed

**ROBBINS
ENGINEERING, INC.**

 P O Box 280055
 Tampa, FL 33682-0055
 Phone: (813) 972-1135
Engineering Index Sheet

Index Page 1 of 1

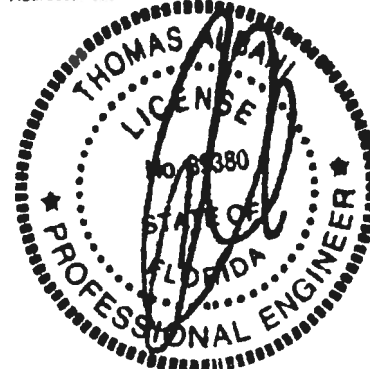
Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06040828	04/10/2006		22

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-1995, Section 2.2. Permanent files of the original Truss Specification Sheets are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Software - Online Plus)

Notes: Refer to individual truss design drawings for special loading conditions.

Date Mark			Date Mark			Date Mark			Date Mark		
1	04/10/06	A1	2	04/10/06	A2	3	04/10/06	A3	4	04/10/06	A4
5	04/10/06	A5	6	04/10/06	A6	7	04/10/06	A7	8	04/10/06	B1
9	04/10/06	B2	10	04/10/06	CJ1	11	04/10/06	CJ1A	12	04/10/06	J1
13	04/10/06	J1A	14	04/10/06	J2	15	04/10/06	J2A	16	04/10/06	J2B
17	04/10/06	J3	18	04/10/06	J3A	19	04/10/06	J3B	20	04/10/06	J4
21	04/10/06	J4A	22	04/10/06	J4B						

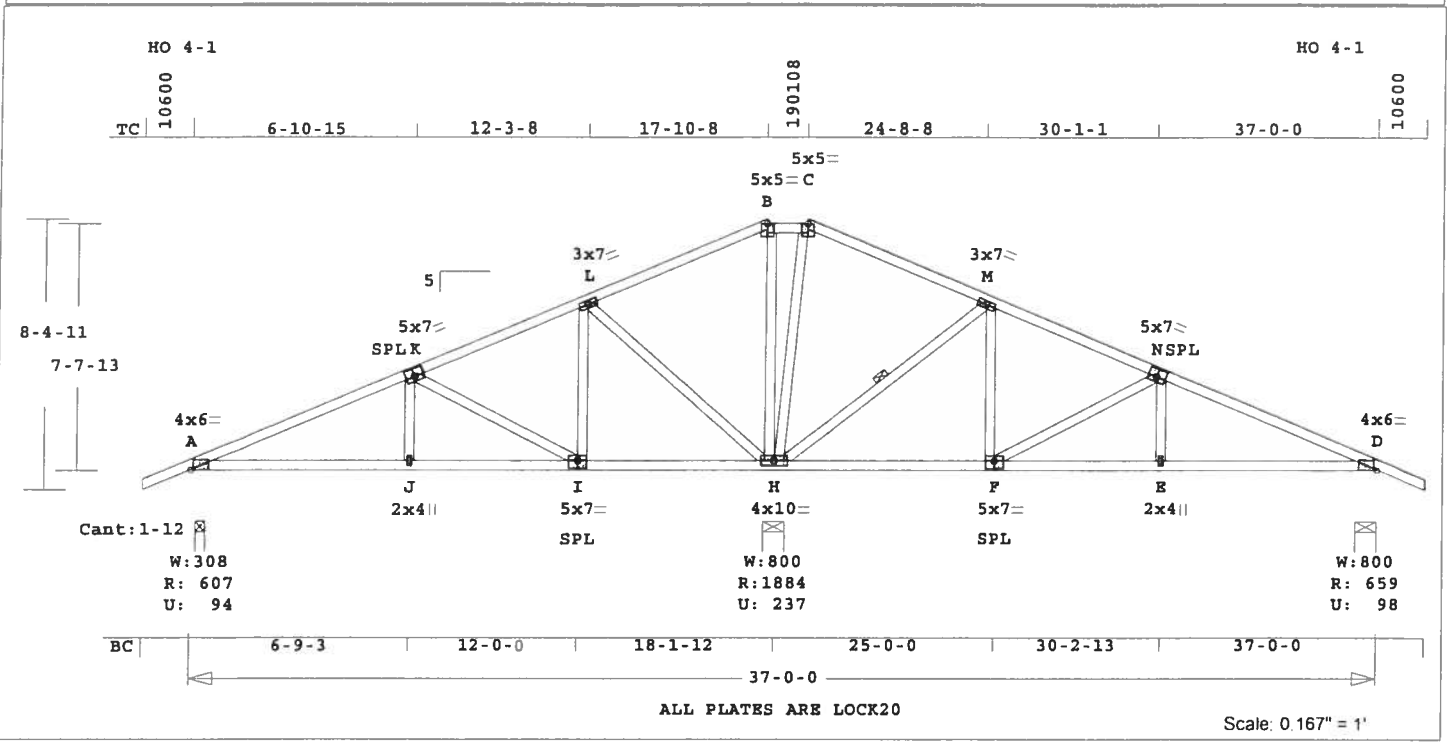
Truss Design Engineer: Thomas A. Albani
 License # 39380
 Address: P O Box 280055, Tampa, FL 33682



Date Sealed 4/10/2006

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	A1	1	SP	370000	5	1- 6- 0	1- 6- 0	T06040828

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™
Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

CSI	-Size-	----	Lumber----
TC	0.39	2x 4	SP-#2
BC	0.32	2x 4	SP-#2
WB	0.56	2x 4	SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 37- 0- 0
BC Cont. 0- 0- 0 37- 0- 0
WB 1 rows CLB on H -M
Attach CLB with (2)-10d nails
at each web.

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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			

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplift	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	608	95	3- 8	1- 8
H	1885	238	8- 0	2- 2
D	659	98	8- 0	1- 8
			Hz =	143

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -K	0.35	691	C	0.00	0.35
K -L	0.35	97	C	0.00	0.35
L -B	0.39	518	T	0.07	0.32
B -C	0.30	489	T	0.08	0.22
C -M	0.38	465	T	0.06	0.32
M -N	0.34	231	C	0.00	0.34
N -D	0.34	817	C	0.00	0.34
-----Bottom Chords-----					

APPROX. TRUSS WEIGHT: 257.5 LBS	
A -J	0.31 646 T 0.10 0.21
J -I	0.28 646 T 0.10 0.18
I -H	0.25 149 T 0.00 0.25
H -F	0.26 213 T 0.01 0.25
F -E	0.28 762 T 0.12 0.16
E -D	0.32 762 T 0.12 0.20
-----Webs-----	
J -K	0.04 263 T
K -I	0.28 631 C
I -L	0.07 424 T
L -H	0.56 768 C
H -B	0.26 393 C
H -C	0.24 360 C
H -M	0.19 814 C
F -M	0.07 454 T
F -N	0.28 622 C
E -N	0.03 252 T

TL Defl -0.11" in E -D L/999
LL Defl -0.04" in E -D L/999
Shear // Grain in A -K 0.25

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

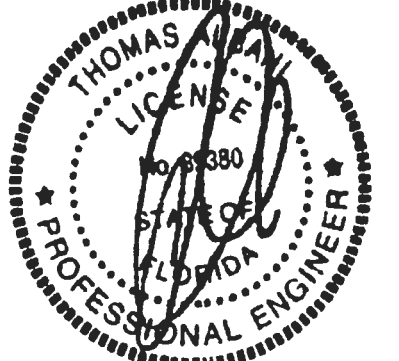
Plate	- LOCK	20 Ga,	Gross Area
Plate	- RHS	20 Ga,	Gross Area
Jt	Type	Plt Size	X Y JSI
A	LOCK	4.0x 6.0	Ctr 0.1 0.73
K	LOCK	5.0x 7.0	-0.2 0.5 0.75
L	LOCK	3.0x 7.0	Ctr Ctr 0.43
B	LOCK	5.0x 5.0	Ctr-0.3 0.68
C	LOCK	5.0x 5.0	Ctr-0.3 0.69
M	LOCK	3.0x 7.0	Ctr Ctr 0.42
N	LOCK	5.0x 7.0	0.2 0.5 0.75
D	LOCK	4.0x 6.0	Ctr 0.1 0.73
J	LOCK	2.0x 4.0	Ctr Ctr 0.46
I	LOCK	5.0x 7.0	Ctr-0.5 0.76
H	LOCK	4.0x10.0	Ctr Ctr 0.54
F	LOCK	5.0x 7.0	Ctr-0.5 0.76
E	LOCK	2.0x 4.0	Ctr Ctr 0.46

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 817 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682

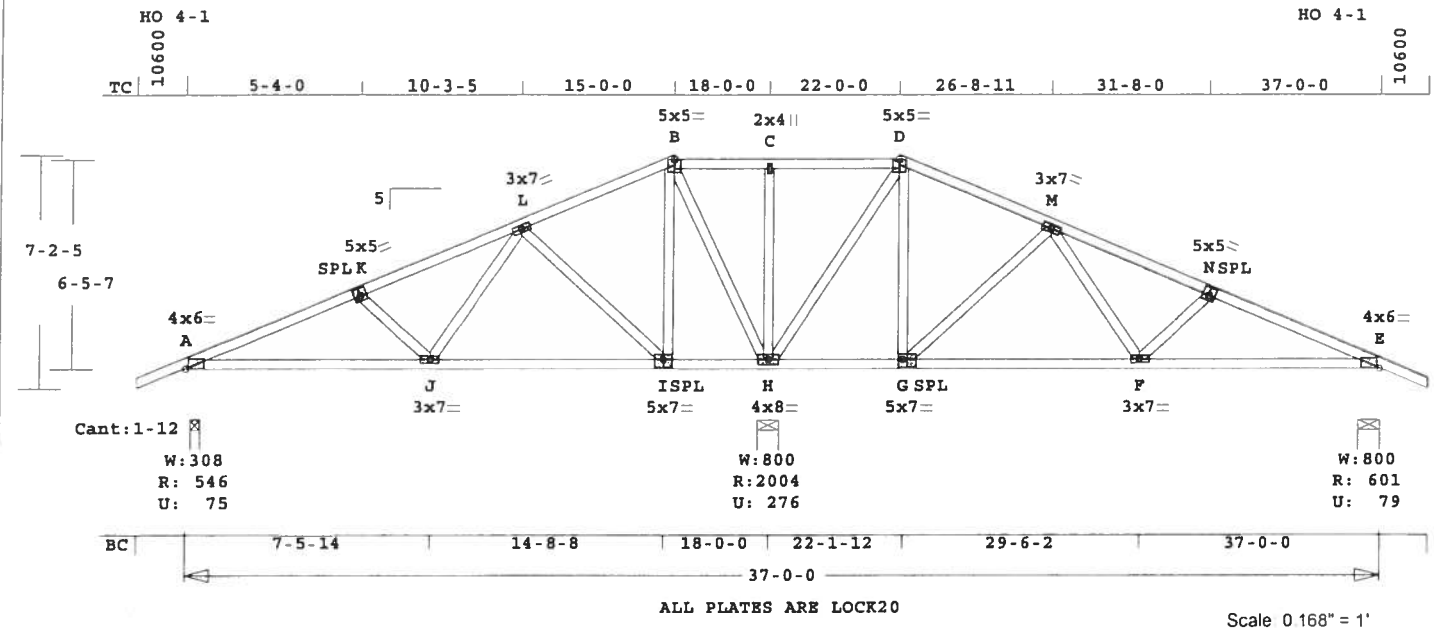


U# J#KT-BATES BATES



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	A3	1	SP	370000	5	1- 6- 0	1- 6- 0	T06040828

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 262.7 LBS

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

CSI -Size- ----Lumber-----
TC 0.31 2x 4 SP-#2
BC 0.39 2x 4 SP-#2
WB 0.67 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 37- 0- 0
BC Cont. 0- 0- 0 37- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	547	75	3- 8	1- 8
			Hz =	-118
H	2004	276	8- 0	2- 4
E	601	80	8- 0	1- 8
			Hz =	119

Membr	CSI	P	Lbs	Ax1-CSI-Bnd
-----Top Chords-----				
A -K	0.25	627	C	0.00 0.25
K -L	0.25	382	C	0.00 0.25
L -B	0.27	358	T	0.05 0.22
B -C	0.31	776	T	0.13 0.18
C -D	0.31	776	T	0.13 0.18
D -M	0.23	215	T	0.02 0.21
M -N	0.25	518	C	0.00 0.25
N -E	0.25	762	C	0.00 0.25
-----Bottom Chords-----				
A -J	0.37	590	T	0.05 0.32
J -I	0.32	163	T	0.00 0.32

I -H	0.19	345	C	0.00 0.19
H -G	0.20	211	C	0.00 0.20
G -F	0.34	224	T	0.02 0.32
F -E	0.39	714	T	0.07 0.32

-----Webs-----				
K -J	0.05	330	C	
J -L	0.08	490	T	
L -I	0.29	599	C	
I -B	0.09	517	T	
B -H	0.55	950	C	
H -C	0.12	261	C	
H -D	0.67	1010	C	
G -D	0.09	519	T	
G -M	0.28	588	C	
M -F	0.08	486	T	
F -N	0.05	329	C	

TL Defl -0.10" in A -J L/999
LL Defl -0.05" in J -I L/999
Shear // Grain in A -K 0.20

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area				
Plate - RHS 20 Ga, Gross Area				
Jt Type	Plt Size	X	Y	JSI
A LOCK	4.0x 6.0	Ctr	0.1	0.73
K LOCK	5.0x 5.0	0.2	0.5	0.75
L LOCK	3.0x 7.0	Ctr	Ctr	0.48
B LOCK	5.0x 5.0	Ctr	0.3	0.71
C LOCK	2.0x 4.0	Ctr	Ctr	0.46
D LOCK	5.0x 5.0	Ctr	0.3	0.68
M LOCK	3.0x 7.0	Ctr	Ctr	0.48
N LOCK	5.0x 5.0	0.2	0.5	0.75
E LOCK	4.0x 6.0	Ctr	0.1	0.73
J LOCK	3.0x 7.0	0.3	Ctr	0.49
I LOCK	5.0x 7.0	Ctr	0.5	0.76
H LOCK	4.0x 8.0	Ctr	Ctr	0.49
G LOCK	5.0x 7.0	Ctr	0.5	0.76
F LOCK	3.0x 7.0	0.3	Ctr	0.49

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

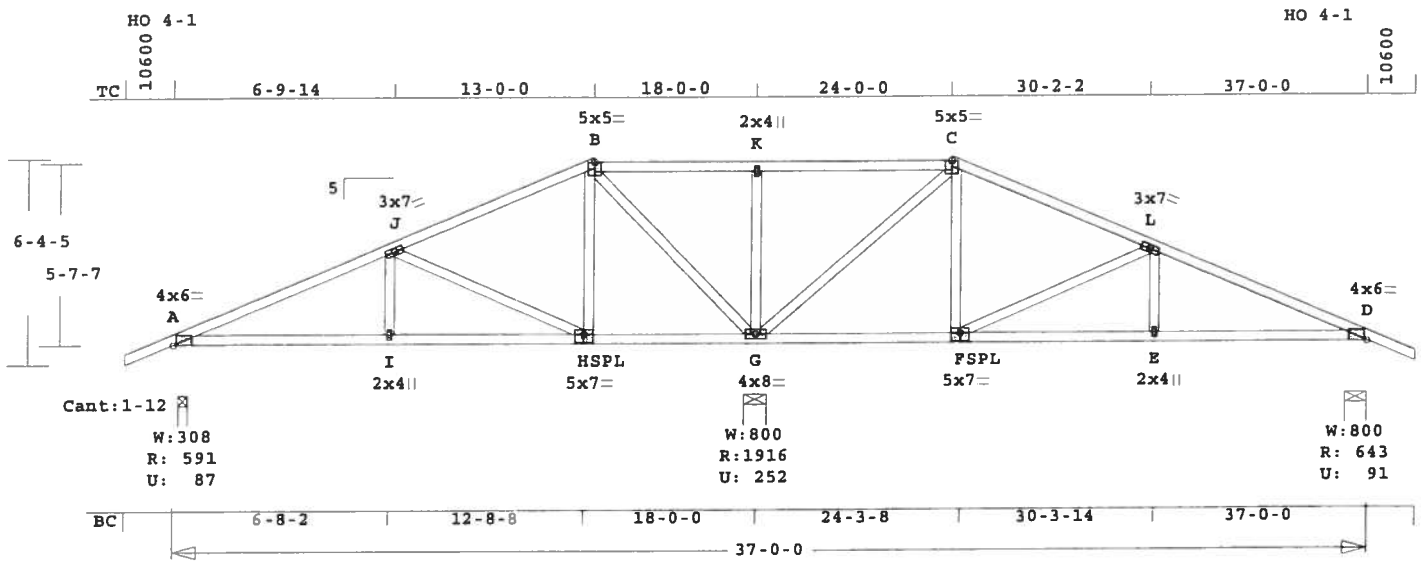
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1010 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	A4	1	SP	370000	5	1- 6- 0	1- 6- 0	T06040828

U# J#KT-BATES BATES



ALL PLATES ARE LOCK20

Scale: 0 168" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 241.2 LBS

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

CSI	Size	Lumber
TC	0.52 2x 4	SP-#2
BC	0.30 2x 4	SP-#2
WB	0.86 2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	37- 0- 0
BC Cont.	0- 0- 0	37- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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			

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	592	87	3- 8	1- 8
			Hz =	-101
G	1917	253	8- 0	2- 3
D	644	91	8- 0	1- 8
			Hz =	103

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -J	0.42		674 C	0.00	0.42
J -B	0.42		74 T	0.00	0.42
B -K	0.52		716 T	0.12	0.40
K -C	0.52		716 T	0.12	0.40
C -L	0.40		116 C	0.00	0.40
L -D	0.40		799 C	0.00	0.40
-----Bottom Chords-----					
A -I	0.30		633 T	0.06	0.24
I -H	0.30		633 T	0.06	0.24
H -G	0.19		82 T	0.00	0.19

G -F	0.19	117 T	0.00	0.19	
F -E	0.30	747 T	0.07	0.23	
E -D	0.30	747 T	0.12	0.18	
-----Webs-----					
I -J	0.04	279 T			
J -H	0.41	728 C			
H -B	0.07	433 T			
B -G	0.64	973 C			
G -K	0.14	399 C			
G -C	0.86	1069 C			
F -C	0.07	457 T			
F -L	0.39	708 C			
E -L	0.04	271 T			

TL Defl -0.10" in E -D L/999
LL Defl -0.04" in E -D L/999
Shear // Grain in K -C 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

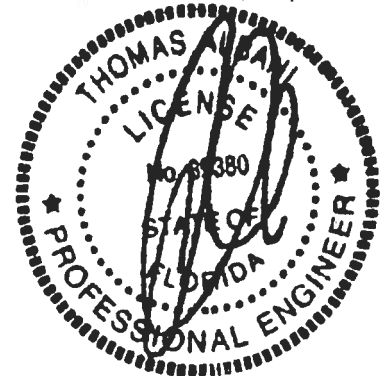
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr 0.1 0.73
J LOCK 3.0x 7.0 Ctr Ctr 0.40
B LOCK 5.0x 5.0 Ctr-0.3 0.68
K LOCK 2.0x 4.0 Ctr Ctr 0.46
C LOCK 5.0x 5.0 Ctr-0.3 0.68
L LOCK 3.0x 7.0 Ctr Ctr 0.40
D LOCK 4.0x 6.0 Ctr 0.1 0.73
I LOCK 2.0x 4.0 Ctr Ctr 0.46
H LOCK 5.0x 7.0 Ctr-0.5 0.76
G LOCK 4.0x 8.0 Ctr Ctr 0.43
F LOCK 5.0x 7.0 Ctr-0.5 0.76
E LOCK 2.0x 4.0 Ctr Ctr 0.46

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

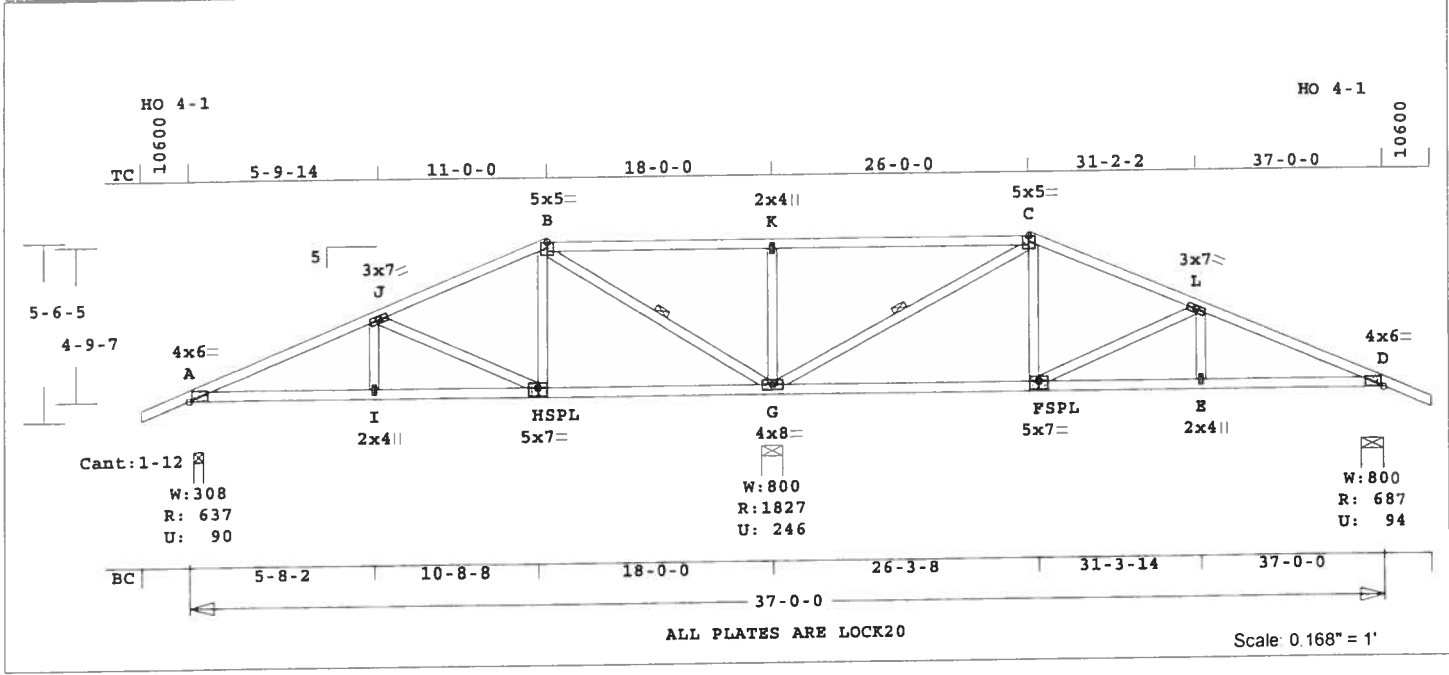
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1069 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	A5	1	SP	370000	5	1- 6- 0	1- 6- 0	T06040828

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ Version 19.0.011
 RUN DATE: 08-APR-06

Online Plus -- Version 19.0.011
 RUN DATE: 08-APR-06

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

TC	0.86	2x 4	SP-#2
BC	0.41	2x 4	SP-#2
WB	0.33	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	37- 0- 0
BC Cont.	0- 0- 0	37- 0- 0
WB 1 rows CLB on B -G		
WB 1 rows CLB on G -C		

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

Loading Live Dead (psf)

TC	20.0	10.0
BC	0.0	10.0
Total	20.0	20.0

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

Plus 6 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Jt React Uplift Size Req'd

Lbs	Lbs	In-Sx	In-Sx
A	637	91	3- 8
G	1828	246	8- 0
D	687	94	8- 0

Hz = -85

Hz = 87

Membr CSI P Lbs Axl-CSI-Bnd

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

A -J	0.24	848 C	0.00	0.24
J -B	0.29	305 C	0.00	0.29
B -K	0.86	609 T	0.10	0.76
K -C	0.86	609 T	0.10	0.76
C -L	0.41	446 C	0.00	0.41
L -D	0.23	962 C	0.01	0.22

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 234.4 LBS

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

A -I	0.26	789 T	0.13	0.13
I -H	0.25	789 T	0.08	0.17
H -G	0.39	275 T	0.02	0.37
G -F	0.41	410 T	0.04	0.37
F -E	0.34	893 T	0.09	0.25
E -D	0.28	893 T	0.15	0.13

-----Webs-----

I -J	0.03	217 T
J -H	0.22	557 C
H -B	0.06	402 T
B -G	0.24	1040 C
G -K	0.14	553 C
K -C	0.33	1160 C
C -L	0.06	429 T
L -E	0.20	522 C
E -D	0.03	202 T

TL Defl -0.16" in G -F L/999

LL Defl -0.07" in G -F L/999

Shear // Grain in K -C 0.37

Plates for each ply each face.

PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK	4.0x 6.0	Ctr	0.1	0.73
J LOCK	3.0x 7.0	Ctr	Ctr	0.40
B LOCK	5.0x 5.0	Ctr	-0.3	0.68
K LOCK	2.0x 4.0	Ctr	Ctr	0.46
C LOCK	5.0x 5.0	Ctr	-0.3	0.68
L LOCK	3.0x 7.0	Ctr	Ctr	0.40
D LOCK	4.0x 6.0	Ctr	0.1	0.73
I LOCK	2.0x 4.0	Ctr	Ctr	0.46
H LOCK	5.0x 7.0	Ctr	-0.5	0.76
G LOCK	4.0x 8.0	Ctr	Ctr	0.46
F LOCK	5.0x 7.0	Ctr	-0.5	0.76
E LOCK	2.0x 4.0	Ctr	Ctr	0.46

REVIEWED BY:

Robbins Engineering, Inc.

PO Box 280055

Tampa, FL 33682

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 a Main Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

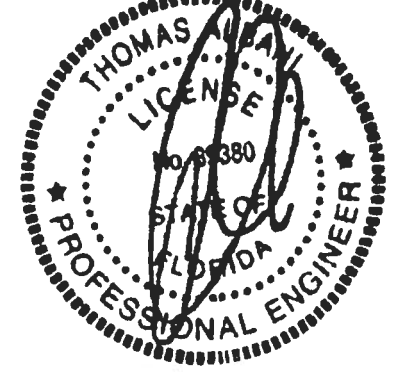
TC Dead Load: 5.0 psf

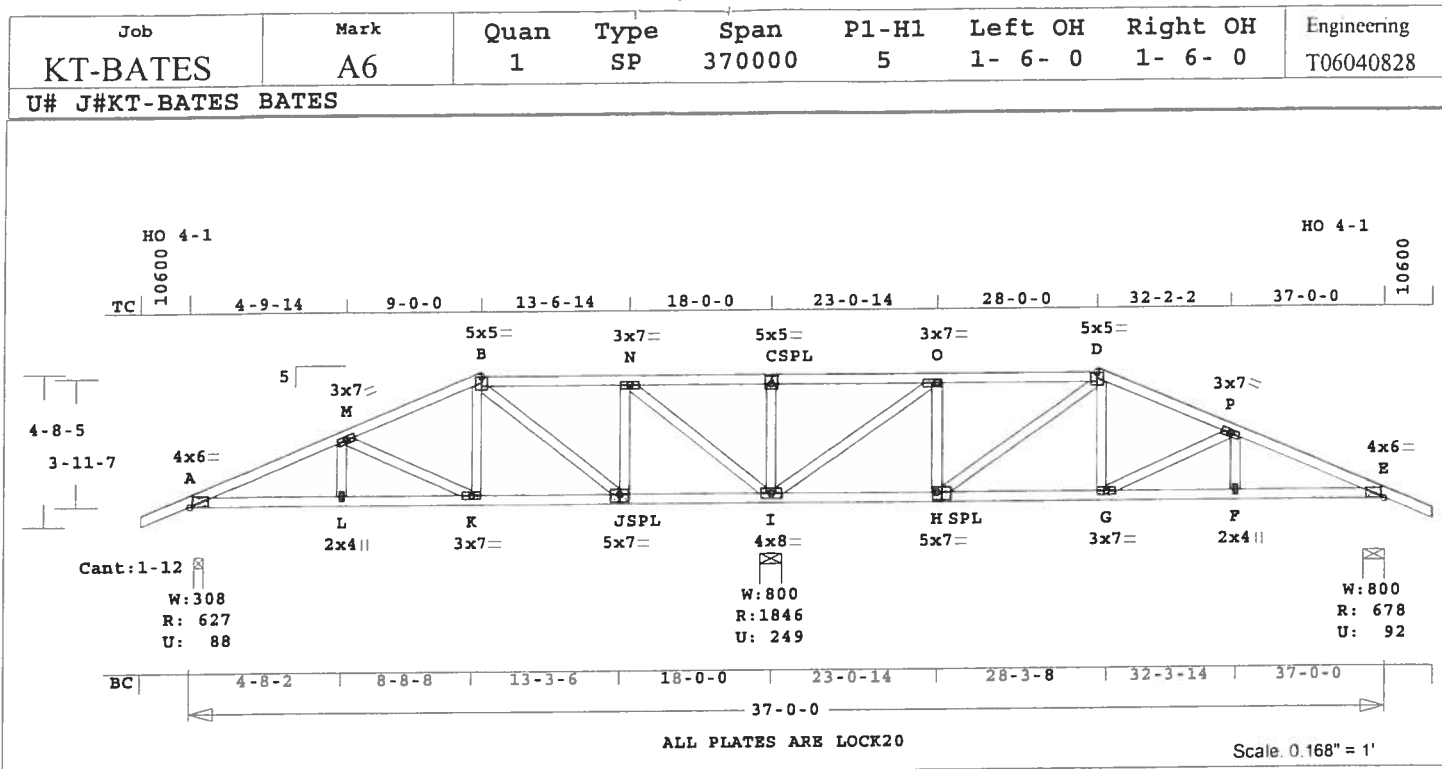
BC Dead Load: 5.0 psf

Max comp. force 1160 Lbs

Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682





Robbins Engineering, Inc./Online Plus™
 Online Plus -- Version 19.0.011
 RUN DATE: 08-APR-06

CSI -Size- ----Lumber-----
 TC 0.43 2x 4 SP-#2
 BC 0.22 2x 4 SP-#2
 WB 0.59 2x 4 SP-#2

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 37- 0- 0
 BC Cont. 0- 0- 0 37- 0- 0

Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0 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

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	628	89	3- 8	1- 8
			Hz =	-69
I	1846	250	8- 0	2- 1
E	678	93	8- 0	1- 8
			Hz =	70

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -M	0.14	892	C	0.00	0.14
M -B	0.16	469	C	0.00	0.16
B -N	0.22	51	T	0.00	0.22
N -C	0.37	897	T	0.15	0.22
C -O	0.43	897	T	0.15	0.28
O -D	0.28	125	C	0.00	0.28
D -P	0.19	600	C	0.00	0.19
P -E	0.13	1012	C	0.00	0.13
-----Bottom Chords-----					
A -L	0.21	828	T	0.13	0.08
L -K	0.18	828	T	0.13	0.05
K -J	0.14	426	T	0.04	0.10
J -I	0.14	60	T	0.00	0.14

APPROX. TRUSS WEIGHT: 246.8 LBS
 I -H 0.15 125 T 0.01 0.14
 H -G 0.18 548 T 0.05 0.13
 G -F 0.20 937 T 0.15 0.05
 F -E 0.22 937 T 0.15 0.07

-----Webs-----
 L -M 0.02 174 T
 M -K 0.11 436 C
 K -B 0.05 311 T
 B -J 0.22 541 C
 J -N 0.07 431 T
 N -I 0.47 1150 C
 I -C 0.05 283 C
 I -O 0.59 1260 C
 H -O 0.07 432 T
 H -D 0.24 519 C
 G -D 0.05 316 T
 G -P 0.11 421 C
 F -P 0.02 169 T

TL Defl -0.06" in G -F L/999
 LL Defl -0.03" in G -F L/999
 Shear // Grain in O -D 0.23

Plates for each ply each face.
 PLATING CONFORMS TO TPI.

REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.

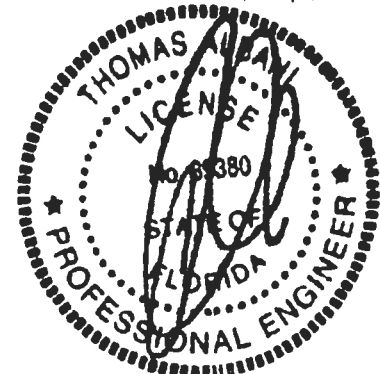
Plate	Lock	20 Ga	Gross Area
Plate - LHS	20 Ga <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr	0.1 0.73
M LOCK	3.0x 7.0	Ctr	Ctr 0.40
B LOCK	5.0x 5.0	Ctr	-0.3 0.68
N LOCK	3.0x 7.0	Ctr	Ctr 0.44
C LOCK	5.0x 5.0	Ctr	0.5 0.76
O LOCK	3.0x 7.0	Ctr	Ctr 0.43
D LOCK	5.0x 5.0	Ctr	-0.3 0.68
P LOCK	3.0x 7.0	Ctr	Ctr 0.40
E LOCK	4.0x 6.0	Ctr	0.1 0.73
L LOCK	2.0x 4.0	Ctr	Ctr 0.46
K LOCK	3.0x 7.0	Ctr	Ctr 0.46
J LOCK	5.0x 7.0	Ctr	-0.5 0.76
I LOCK	4.0x 8.0	Ctr	Ctr 0.44
H LOCK	5.0x 7.0	Ctr	-0.5 0.76
G LOCK	3.0x 7.0	Ctr	Ctr 0.46
F LOCK	2.0x 4.0	Ctr	Ctr 0.46

REVIEWED BY:
 Robbins Engineering, Inc.

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

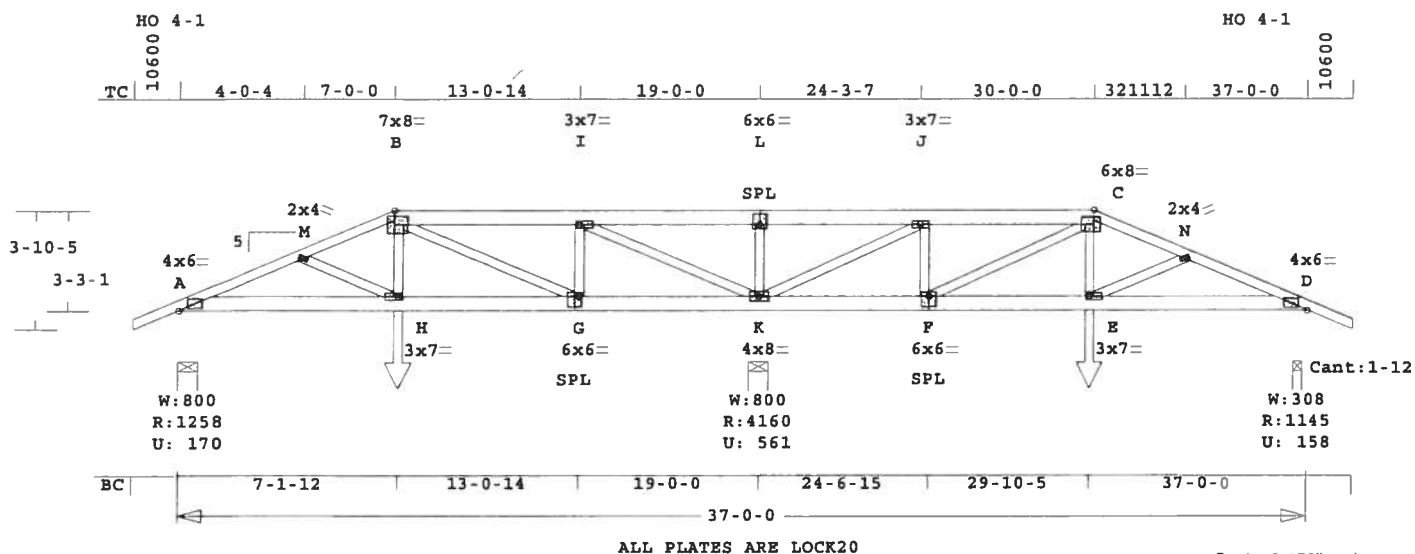
NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor: 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load: 5.0 psf
 BC Dead Load: 5.0 psf
 Max comp. force 1260 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Job KT-BATES	Mark A7	Quan 1*2P	Type SP	Span 370000	P1-H1 5	Left OH 1- 6- 0	Right OH 1- 6- 0	Engineering T06040828
------------------------	-------------------	---------------------	-------------------	-----------------------	-------------------	---------------------------	----------------------------	---------------------------------

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 284.4 LBS

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

* 2-Ply Truss *

CSI -Size- ----Lumber-----
TC 0.29 2x 4 SP-#2
EX B -L 2x 6 SP-#2
EX L -C 2x 6 SP-#2
BC 0.22 2x 6 SP-#2
WB 0.28 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 37- 0- 0
BC Cont. 0- 0- 0 37- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 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

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 37.0'
BC V 0 20 0.0' 37.0'
TC V 50 25 7.0' 30.0'
BC V 0 25 7.1' 29.9'
BC V 280 280 7.1' CL-LB
BC V 280 280 29.9' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1259	171	8- 0	1- 8
			Hx =	-53
K	4160	561	8- 0	2- 6
D	1146	158	3- 8	1- 8
			Hx =	54

Membr	CSI	P	Lbs	Axl	CSI	Bnd
-----Top Chords-----						
A -M	0.11	2428	C	0.01	0.10	
M -B	0.29	2318	C	0.01	0.28	
B -I	0.25	1316	C	0.00	0.25	
I -L	0.38	1984	T	0.13	0.25	
L -J	0.36	1984	T	0.13	0.23	
J -C	0.22	957	C	0.00	0.22	
C -N	0.25	2021	C	0.00	0.25	

N -D	0.11	2148	C	0.01	0.10
-----Bottom Chords-----					
A -H	0.22	2235	T	0.14	0.08
H -G	0.22	2143	T	0.14	0.08
G -K	0.22	1316	T	0.08	0.14
K -F	0.20	957	T	0.06	0.14
F -E	0.19	1865	T	0.12	0.07
E -D	0.21	1978	T	0.13	0.08
-----Webs-----					
M -H	0.00	75	T		
H -B	0.07	795	T		
B -G	0.07	902	C		
G -I	0.06	826	T		
I -K	0.28	3650	C		
K -L	0.03	767	C		
K -J	0.23	3309	C		
F -J	0.06	820	T		
F -C	0.07	1006	C		
E -C	0.07	782	T		
E -N	0.00	86	C		

TL Defl -0.09" in H -G L/999
LL Defl -0.04" in H -G L/999
Shear // Grain in B -I 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.79
M LOCK 2.0x 4.0 Ctr Ctr 0.46
B LOCK 7.0x 8.0-0.5 Ctr 0.84
I LOCK 3.0x 7.0 Ctr Ctr 0.56
L LOCK 6.0x 6.0 Ctr 1.2 0.61
J LOCK 3.0x 7.0 Ctr Ctr 0.51
C LOCK 6.0x 8.0 0.5 Ctr 1.00
D LOCK 4.0x 6.0 Ctr Ctr 0.79
H LOCK 3.0x 7.0 Ctr Ctr 0.47
G LOCK 6.0x 6.0 Ctr-1.2 0.61
K LOCK 4.0x 8.0 Ctr Ctr 0.66
F LOCK 6.0x 6.0 Ctr-1.2 0.61
E LOCK 3.0x 7.0 Ctr Ctr 0.47

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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.

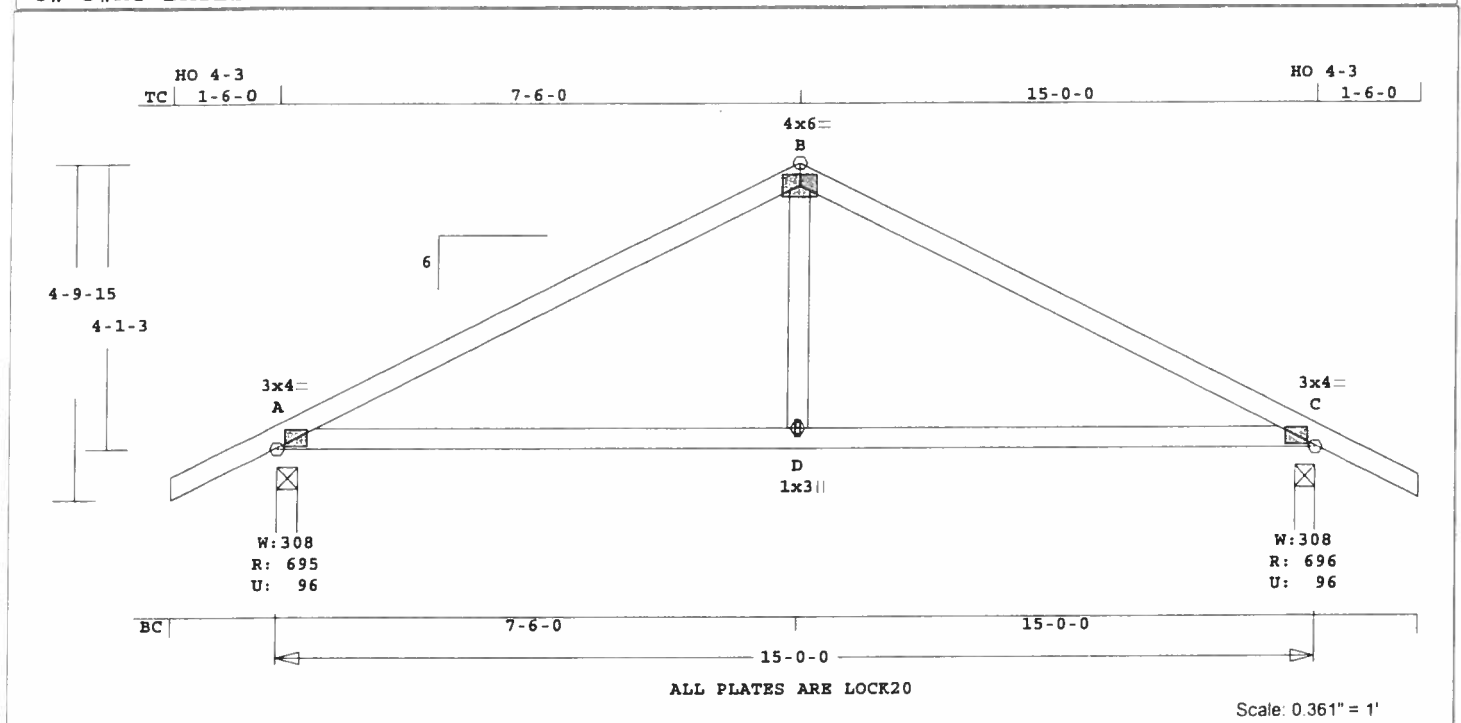
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3650 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	B1	29	TR	150000	6	1- 6- 0	1- 6- 0	T06040828

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 73.5 LBS

Online Plus -- Version 19.0.011
 RUN DATE: 08-APR-06

A - D	0.44	678	T	0.11	0.33
D - C	0.44	678	T	0.11	0.33
D - B	0.05	340	T		

concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 752 Lbs
 Quality Control Factor 1.25

CSI	-Size-	---Lumber---
TC	0.41	2x 4 SP-#2
BC	0.44	2x 4 SP-#2
WB	0.05	2x 4 SP-#2

TL Defl	-0.11"	in D - C	L/999
LL Defl	-0.05"	in D - C	L/999
Shear //		Grain in A - B	0.25

Brace truss as follows:

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

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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	

Plate - LOCK	20 Ga,	Gross Area
Plate - RHS	20 Ga,	Gross Area
Jt Type	Plt Size	X Y JSI
A LOCK	3.0x 4.0	Ctr Ctr 0.68
B LOCK	4.0x 6.0	Ctr Ctr 0.49
C LOCK	3.0x 4.0	Ctr Ctr 0.68
D LOCK	1.0x 3.0	Ctr Ctr 0.75

REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

Plus 6 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	696	97	3- 8	1- 8
			Hz =	-61
C	696	97	3- 8	1- 8
			Hz =	62

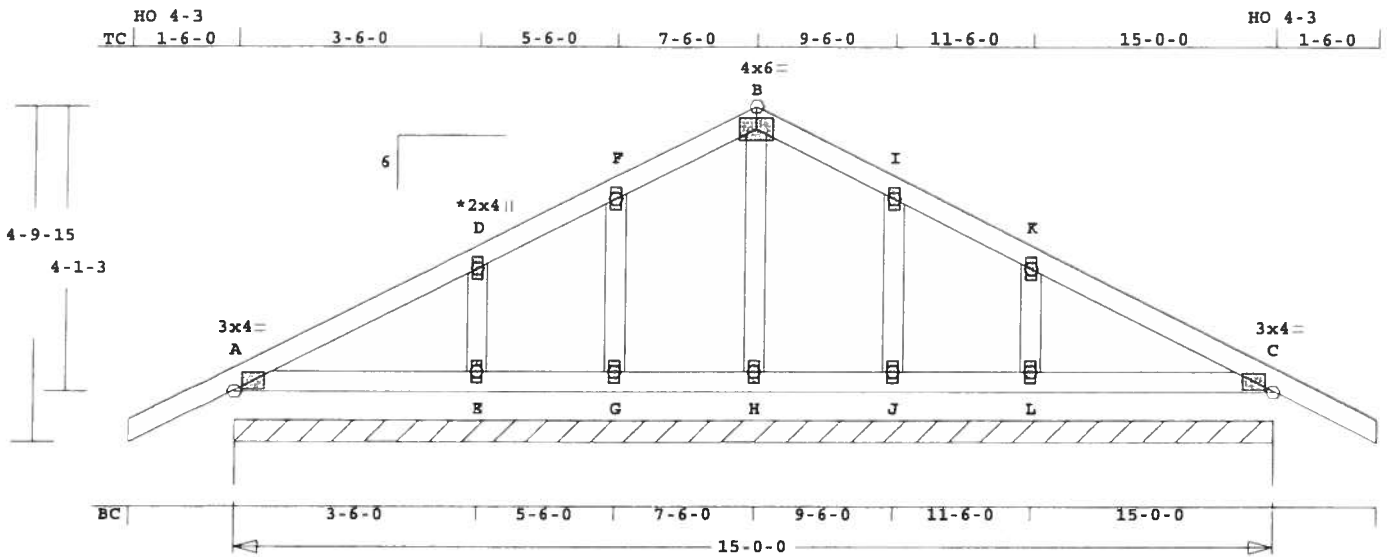
REFER TO ROBBINS ENG. GENERAL
 NOTES AND SYMBOLS SHEET FOR
 ADDITIONAL SPECIFICATIONS.

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	B2	2	TR	150000	6	1- 6- 0	1- 6- 0	T06040828
U# J#KT-BATES BATES								



Scale: 0.361" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 89.0 LBS

L -C 0.06 9 C 0.00 0.06 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 a Main Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 181 Lbs

Quality Control Factor 1.25

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

CSI -Size- ----Lumber----
TC 0.08 2x 4 SP-#2
BC 0.06 2x 4 SP-#2
GW 0.01 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 15- 0- 0
BC Cont. 0- 0- 0 15- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt React Uplft Size Req'd
Lbs Lbs In-Sx In-Sx
Cont. Brg 0- 0- 0 to 15- 0- 0
1392 193 Hz = 62

E -D 0.01 181 C
G -F 0.01 103 C
H -B 0.00 42 C
J -I 0.01 103 C
L -K 0.01 181 C

TL Defl -0.01" in A -E L/999
LL Defl 0.00" in A -E L/999
Shear // Grain in A -D 0.12

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691

ROBBINS ENGINEERING, INC.

BASED ON SP LUMBER

USING GROSS AREA TEST.

Plate - LOCK 20 Ga, Gross Area

Plate - RHS 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A LOCK 3.0x 4.0 Ctr Ctr 0.68

D LOCK 2.0x 4.0 Ctr Ctr 0.00

F LOCK 2.0x 4.0 Ctr Ctr 0.00

B LOCK 4.0x 6.0 Ctr Ctr 0.49

I LOCK 2.0x 4.0 Ctr Ctr 0.00

K LOCK 2.0x 4.0 Ctr Ctr 0.00

C LOCK 3.0x 4.0 Ctr Ctr 0.68

E LOCK 2.0x 4.0 Ctr Ctr 0.00

G LOCK 2.0x 4.0 Ctr Ctr 0.00

H LOCK 2.0x 4.0 Ctr Ctr 0.00

J LOCK 2.0x 4.0 Ctr Ctr 0.00

L LOCK 2.0x 4.0 Ctr Ctr 0.00

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

A -D 0.08 80 C 0.00 0.08
D -F 0.08 94 C 0.00 0.08
F -B 0.02 88 C 0.00 0.02
B -I 0.02 88 C 0.00 0.02
I -K 0.08 94 C 0.00 0.08
K -C 0.08 80 C 0.00 0.08

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

A -E 0.06 9 C 0.00 0.06
E -G 0.05 0 T 0.00 0.05
G -H 0.02 0 T 0.00 0.02
H -J 0.02 0 T 0.00 0.02
J -L 0.05 0 T 0.00 0.05

REVIEWED BY:

Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

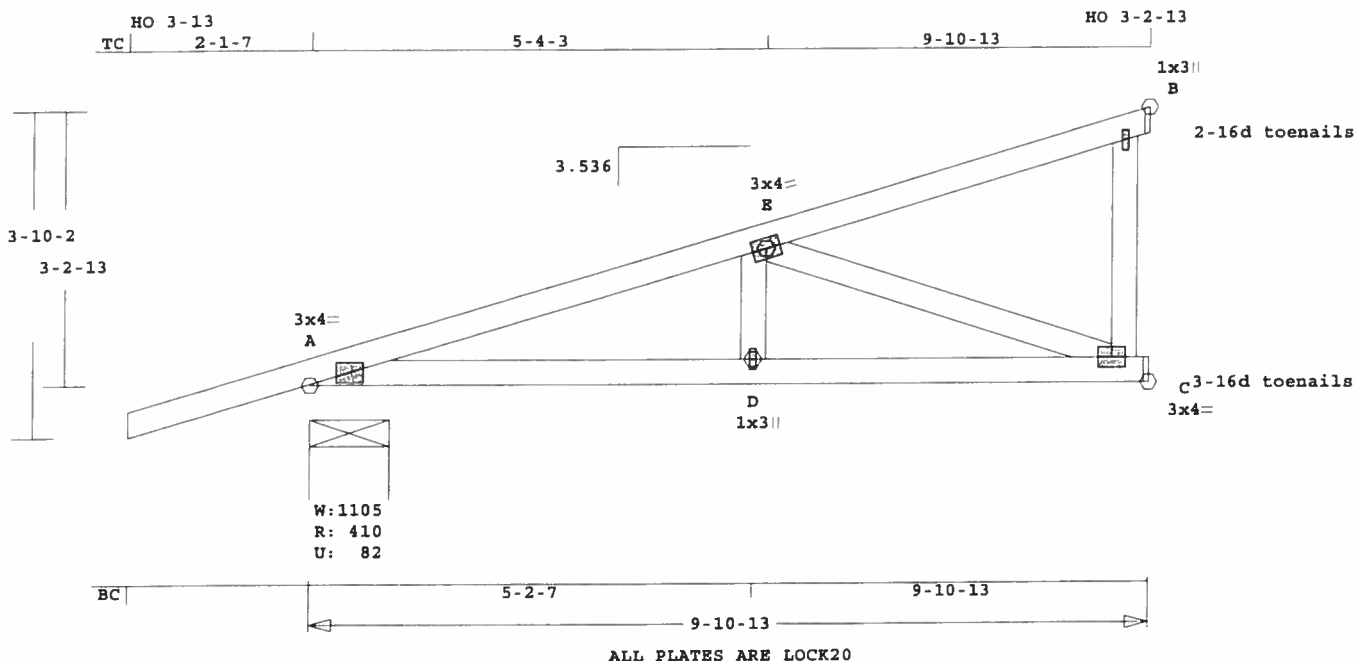
Analysis Conforms To:

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	CJ1	1	MONO.DD	91013	3.536	2- 1- 7	0	T06040828

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 58.0 LBS

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

CSI -Size- ---Lumber---
TC 0.35 2x 4 SP-#2
BC 0.27 2x 4 SP-#2
WB 0.20 2x 4 SP-#2

Brace truss as follows:

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 9.9'
BC V 0 20 0.0' 9.9'
TC V -40 -20 0.0' 9.9'
BC V 0 -20 0.0' 9.9'
0 22 9.9'

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	411	82	11- 5	1- 8
			Hz =	40
C	349	5	1- 8	1- 8
B	237	82	1- 8	1- 8
			Hz =	105

Membr CSI P Lbs Axl-CSt-Bnd
-----Top Chords-----
A -E 0.28 735 C 0.00 0.28
E -B 0.35 64 T 0.00 0.35
-----Bottom Chords-----
A -D 0.23 719 T 0.08 0.15
D -C 0.27 719 T 0.08 0.19
-----Webs-----
D -E 0.03 234 T
E -C 0.20 762 C
C -B 0.01 0 T WindLd

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.67
E LOCK 3.0x 4.0 Ctr Ctr 0.42
B LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 3.0x 4.0 Ctr Ctr 0.54

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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:

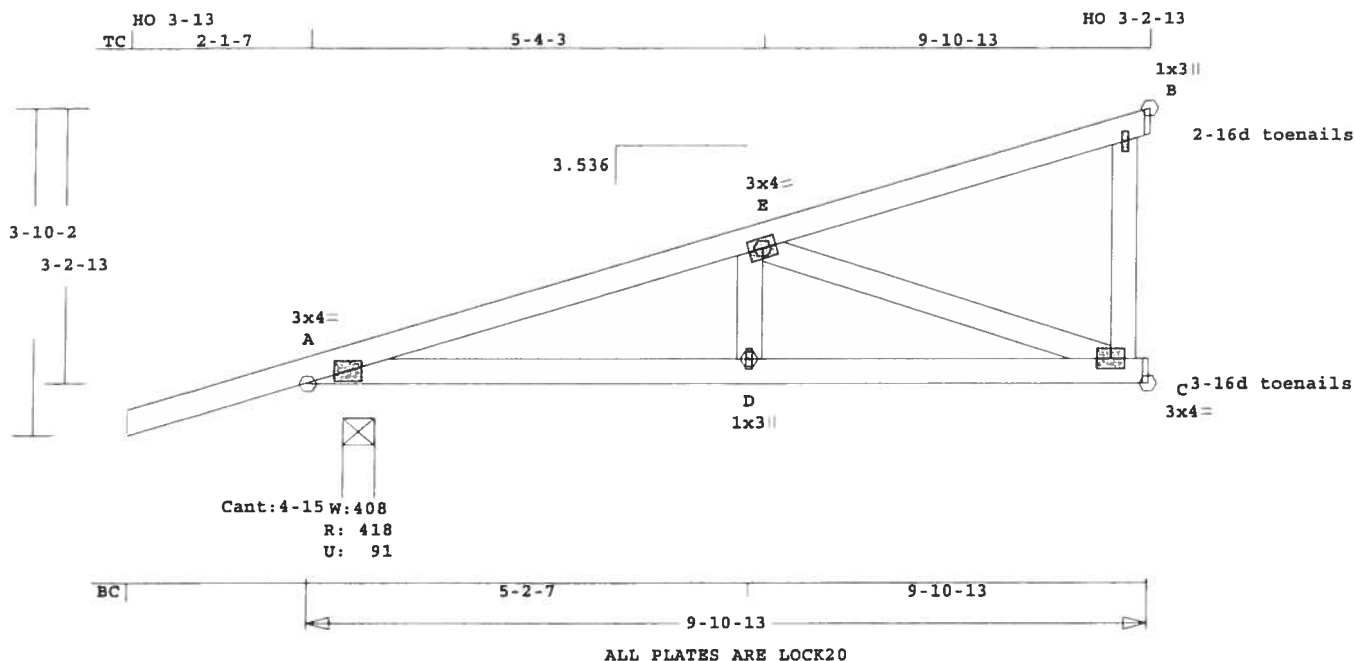
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Use properly rated hangers for
loads framing into girder
truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 762 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	CJIA	1	MONO.DD	91013	3.536	2- 1- 7	0	T06040828

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 58.0 LBS

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

CSI	-Size-	-----Lumber-----
TC	0.35	2x 4 SP-#2
BC	0.27	2x 4 SP-#2
WB	0.19	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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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	

Load Case # 1 Girder Loading				
Lumber	Duration	Factor	1.25	
plf - Live	Dead	From	To	
TC V	40	20	0.0'	9.9'
BC V	0	20	0.0'	9.9'
TC V	-40	-20	0.0'	9.9'
BC V	0	-20	0.0'	9.9'

Plus 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
Lbs	Lbs	In-Sx	In-Sx	
A	418	91	4- 8	1- 8
			Hz =	41
C	342	4	1- 8	1- 8
B	239	82	1- 8	1- 8
			Hz =	105

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A - E	0.26	704 C	0.00	0.26
E - B	0.35	64 T	0.00	0.35
-----Bottom Chords-----				
A - D	0.21	686 T	0.07	0.14
D - C	0.27	686 T	0.07	0.20
-----Webs-----				
D - E	0.03	226 T		
E - C	0.19	728 C		
C - B	0.01	0 T	WindLd	

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

Plates for each ply each face.
PLATING CONFORMS TO TPI.

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER

Plate	- LOCK	20 Ga,	Gross Area
Plate - RHS	20 Ga, <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y JSI
A LOCK	3.0x 4.0	Ctr	Ctr 0.67
E LOCK	3.0x 4.0	Ctr	Ctr 0.42
B LOCK	1.0x 3.0	Ctr	Ctr 0.75
D LOCK	1.0x 3.0	Ctr	Ctr 0.75
C LOCK	3.0x 4.0	Ctr	Ctr 0.54

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

Zone location: Exterior

TC Dead Load: 5.0 psf

BC Dead Load: 5.0 psf

Max comp. force 728 Lbs

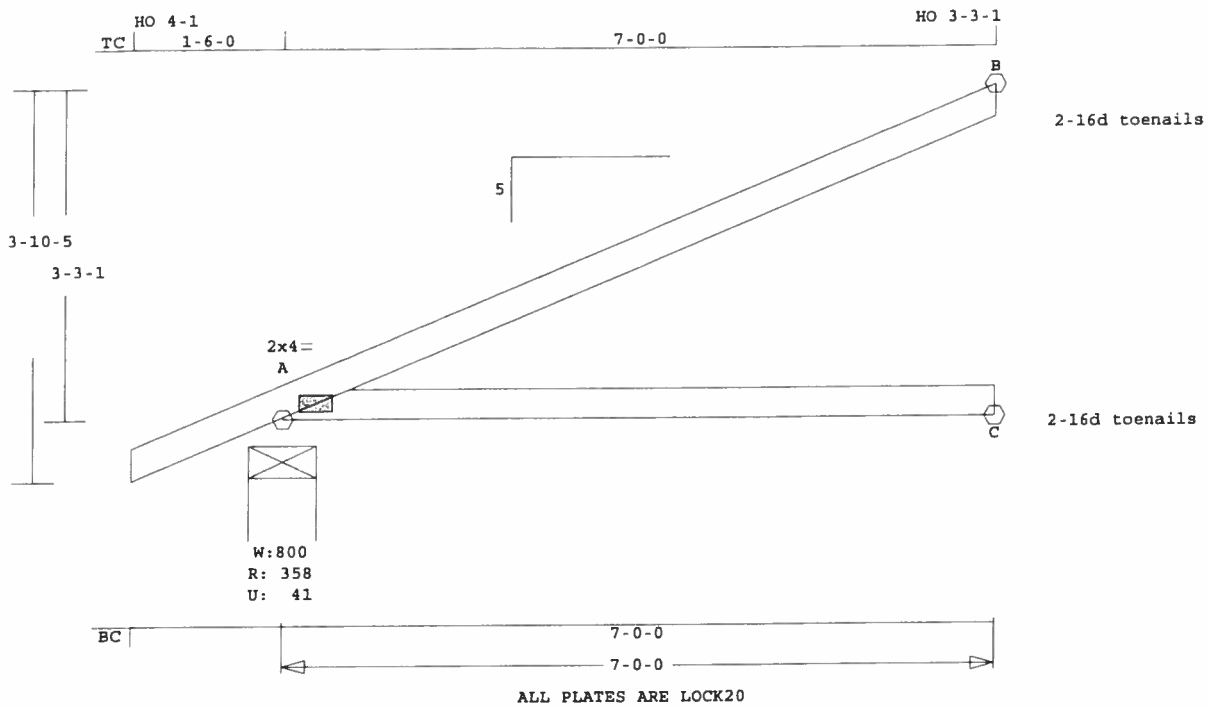
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	J1	7	JCA2	70000	5	1- 6- 0	0	T06040828

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 30.8 LBS

A -C 0.37 0 T 0.00 0.37

concurrent LL on BC.

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

TL Defl -0.19" in A -C L/411
LL Defl -0.08" in A -C L/999
Shear // Grain in A -B 0.23

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.

CSI -Size- ----Lumber----
TC 0.50 2x 4 SP-#2
BC 0.37 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

Wind Speed: 110 mph
Mean Roof Height: 15-0

Brace truss as follows:

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER

Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

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

USING GROSS AREA TEST.

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0

Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.73

Max comp. force 39 Lbs
Quality Control Factor 1.25

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.
PO Box 280055
Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	358	41	8- 0	1- 8
			Hz =	87
C	127	0	1- 8	1- 8
B	183	71	1- 8	1- 8
			Hz =	59

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-

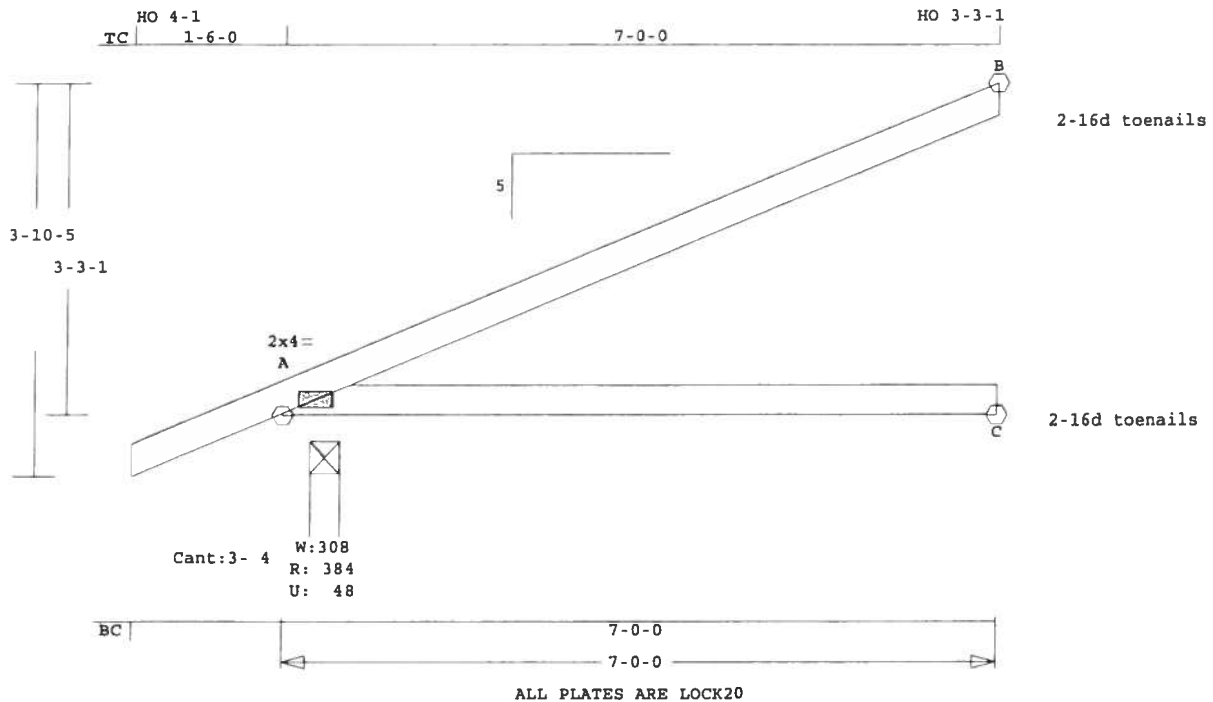
Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.50	39	C	0.00	0.50
-----Bottom Chords-----					

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	J1A	6	JCA2	70000	5	1- 6- 0	0	T06040828

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 30.8 LBS

A -C 0.34 0 T 0.00 0.34

concurrent LL on BC.

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

TL Defl -0.18" in A -C L/428
LL Defl -0.07" in A -C L/999
Shear // Grain in A -B 0.24

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

CSI -Size- ----Lumber----
TC 0.49 2x 4 SP-#2
BC 0.34 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

Brace truss as follows:

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

BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.73

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 39 Lbs
Quality Control Factor 1.25

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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.
PO Box 280055
Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	385	49	3- 8	1- 8
			Hz =	88
C	125	0	1- 8	1- 8
B	180	71	1- 8	1- 8
			Hz =	59

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

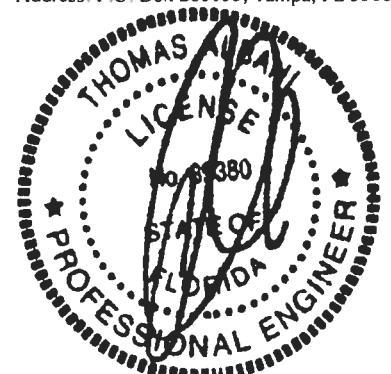
OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

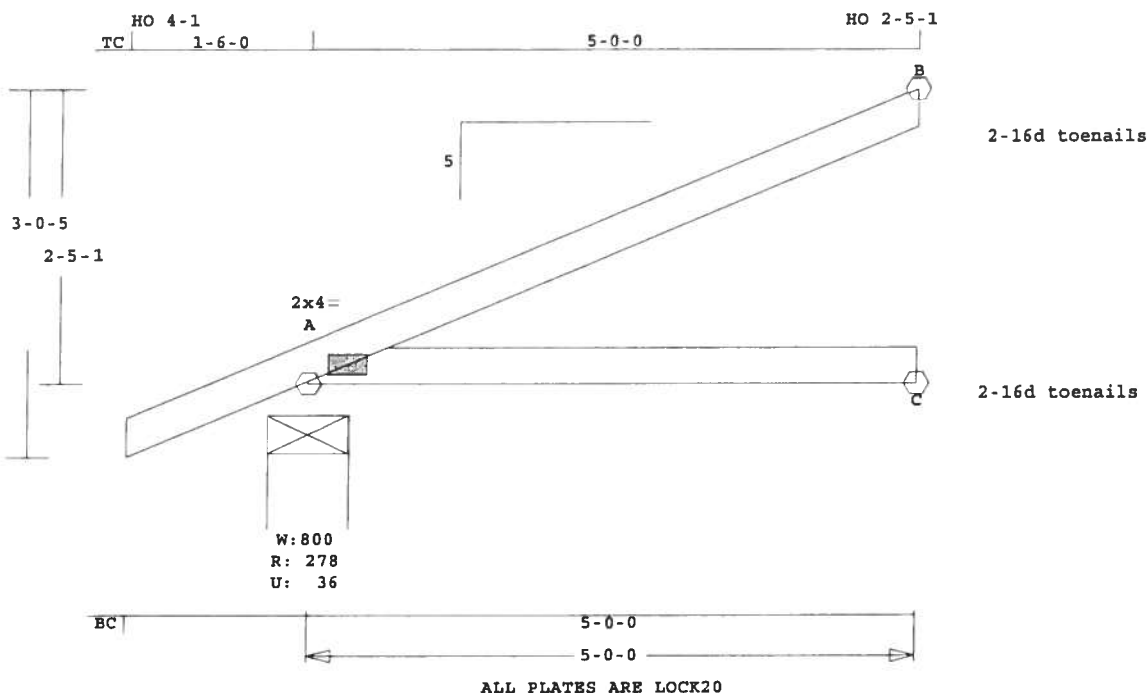
Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.49	39	C	0.00	0.49
-----Bottom Chords-----					

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	J2	2	JCA2	50000	5	1- 6- 0	0	T06040828

U# J#KT-BATES BATES



Scale 0.632" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.0 LBS

A -C 0.18 0 T 0.00 0.18

concurrent LL on BC.

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

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

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

CSI -Size- ----Lumber----
TC 0.25 2x 4 SP-#2
BC 0.18 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

Brace truss as follows:

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

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 27 Lbs
Quality Control Factor 1.25

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0

USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.69

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.
PO Box 280055
Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	278	37	8- 0	1- 8
			Hz =	62
C	90	0	1- 8	1- 8
B	129	50	1- 8	1- 8
			Hz =	42

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -B 0.25 27 C 0.00 0.25
-----Bottom Chords-----

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

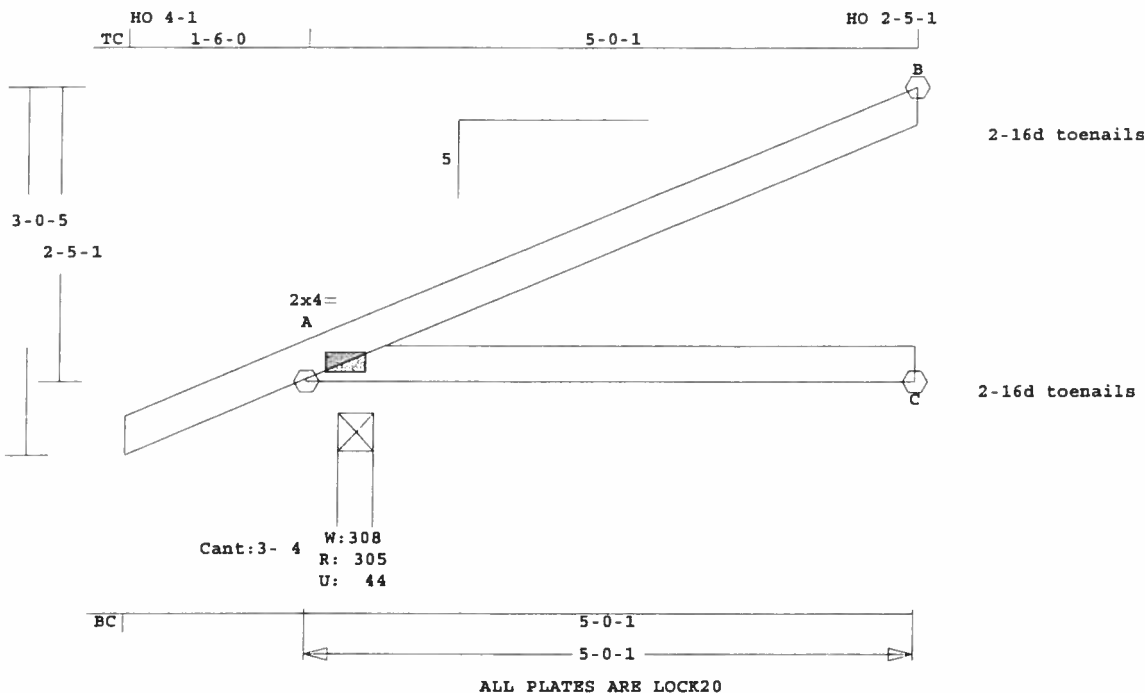
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	J2A	1	JCA2	50001	5	1- 6- 0	0	T06040828

U# J#KT-BATES BATES



Scale: 0.632" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.0 LBS

A -C 0.17 0 T 0.00 0.17

concurrent LL on BC.

Online Plus -- Version 19.0.011 TL Defl -0.04" in A -C L/999
 RUN DATE: 08-APR-06 LL Defl -0.02" in A -C L/999
 Shear // Grain in A -B 0.16

Wind Loads - ANSI / ASCE 7-02
 Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph

CSI -Size- ---Lumber---
 TC 0.23 2x 4 SP-#2
 BC 0.17 2x 4 SP-#2

Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691

Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 Zone location: Exterior

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 5- 0- 1
 BC Cont. 0- 0- 0 5- 0- 1

BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.69

TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 27 Lbs
 Quality Control Factor 1.25

Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0 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.
 PO Box 280055
 Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

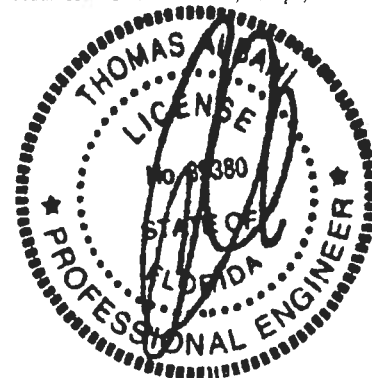
Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	305	44	3- 8	1- 8
			Hz =	63
C	87	0	1- 8	1- 8
B	126	50	1- 8	1- 8
			Hz =	42

Membr CSI P Lbs Axl-CSI-Bnd
 -----Top Chords-----
 A -B 0.23 27 C 0.00 0.23
 -----Bottom Chords-----

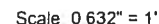
For proper installation of
 toe-nails, refer to the 2001
 National Design Specification
 (NDS) for Wood Construction

NOTES:
 Trusses Manufactured by:
 Mayo Truss Co. Inc.
 Analysis Conforms To:
 FBC2004
 OH Loading
 Soffit psf 2.0
 Design checked for 10 psf non-

Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



U# J#KT-BATES BATES



A - C	0.18	0	T	0.00	0.18
-------	------	---	---	------	------

concurrent LL on BC.

```
TL Defl  -0.05" in A -C  L/999
LL Defl  -0.02" in A -C  L/999
Shear // Grain in A -B    0.15
```

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4-11-15
BC Cont.	0- 0- 0	4-11-15

ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.69

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 27 Lbs
Quality Control Factor 1.25

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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.
PO Box 280055
Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	299	44	3- 8	1- 8
			Hz =	62
C	89	0	1- 8	1- 8
B	128	50	1- 8	1- 8
			Hz =	42

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

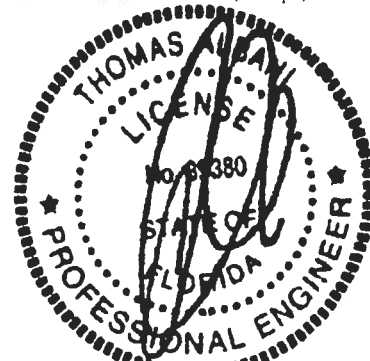
```

Membr  CSI  P  Lbs  Axl-CSt-Bnd
-----Top Chords-----
A -B  0.24      27 C  0.00  0.24
-----Bottom Chords-----

```

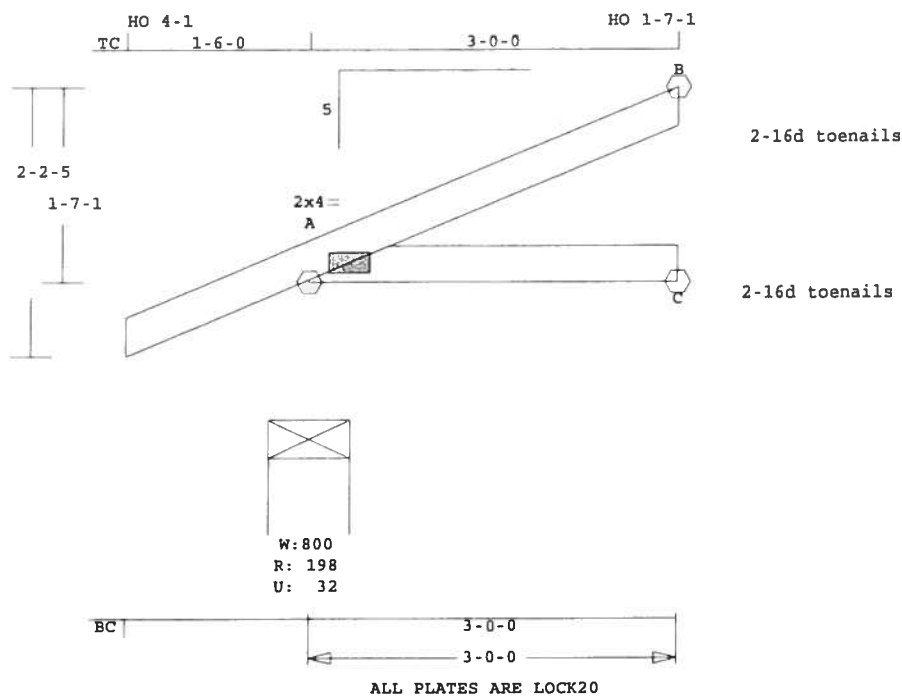
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	J3	2	JCA2	30000	5	1- 6- 0	0	T06040828

U# J#KT-BATES BATES



Scale 0.638" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.1 LBS

A -C 0.06 0 T 0.00 0.06

concurrent LL on BC.

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.08

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

CSI -Size- ----Lumber----
TC 0.08 2x 4 SP-#2
BC 0.06 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

Brace truss as follows:

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

ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.68

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 15 Lbs
Quality Control Factor 1.25

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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.
PO Box 280055
Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

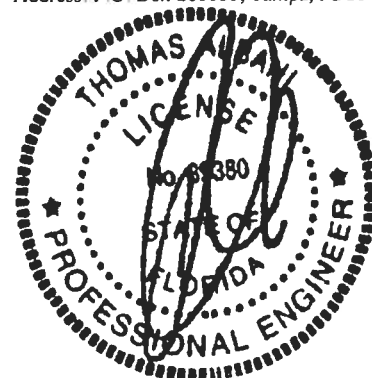
Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	198	32	8- 0	1- 8
			Hz =	36
C	52	0	1- 8	1- 8
B	74	29	1- 8	1- 8
			Hz =	25

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-

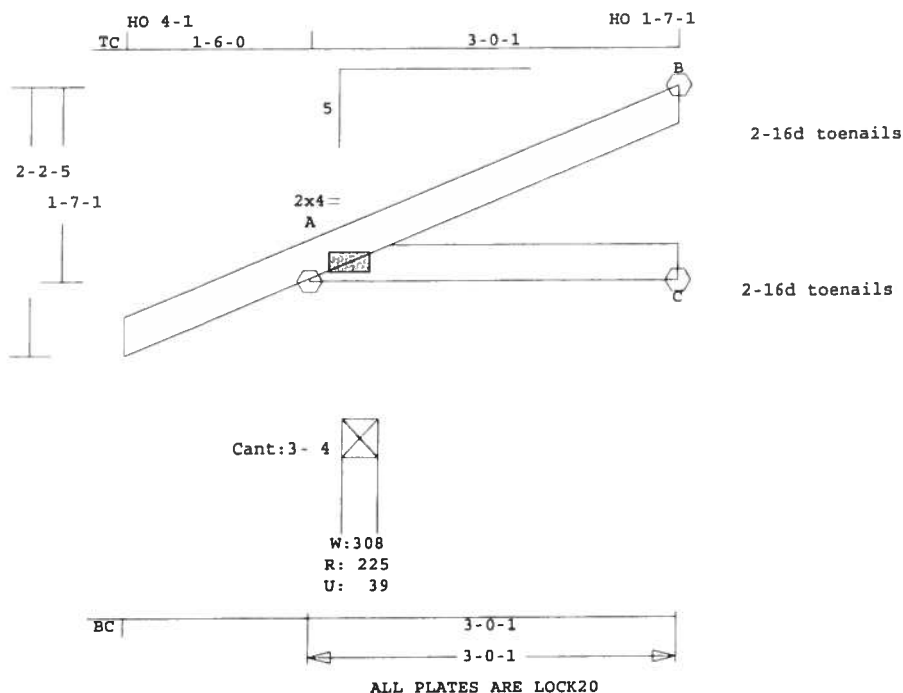
Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.08	16 T	0.00	0.08	
-----Bottom Chords-----					

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	J3A	1	JCA2	30001	5	1- 6- 0	0	T06040828

U# J#KT-BATES BATES



Scale: 0.638" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.1 LBS

A -C 0.05 0 T 0.00 0.05

concurrent LL on BC.

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.08

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 15 Lbs
Quality Control Factor 1.25

CSI -Size- ----Lumber----
TC 0.07 2x 4 SP-#2
BC 0.05 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.68

Brace truss as follows:

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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.
PO Box 280055
Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

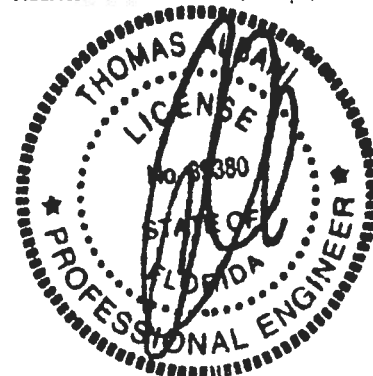
Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	226	40	3- 8	1- 8
			Hz =	37
C	50	0	1- 8	1- 8
B	71	28	1- 8	1- 8
			Hz =	25

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -B	0.07	16 T	0.00	0.07	
-----Bottom Chords-----					

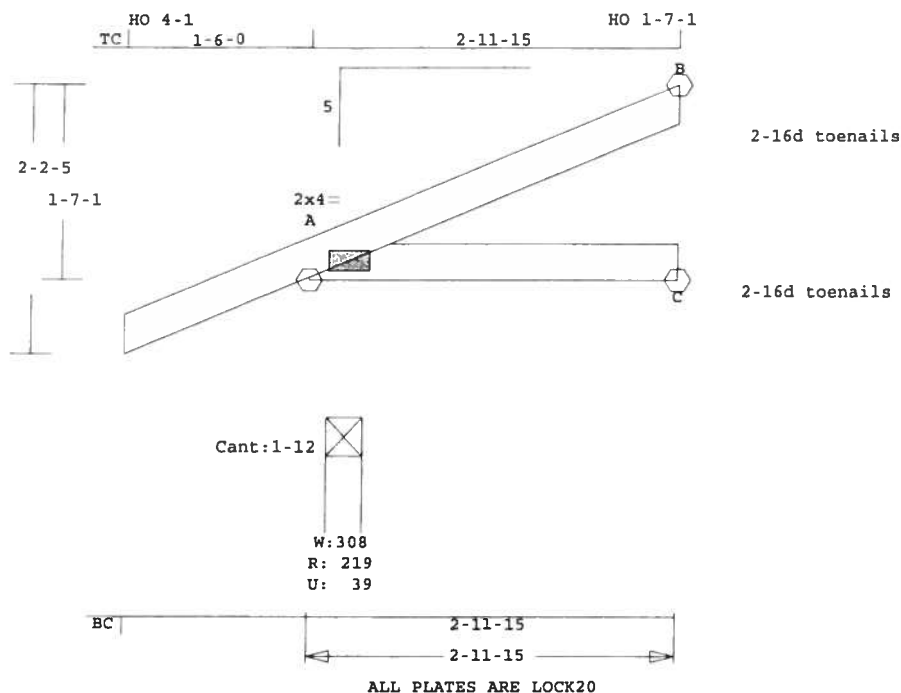
For proper installation of
toe-nails, refer to the 2001
National Design Specification
(NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	J3B	1	JCA2	21115	5	1- 6- 0	0	T06040828
U# J#KT-BATES BATES								



Scale: 0.638" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.1 LBS

A -C 0.06 0 T 0.00 0.06

concurrent LL on BC.

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.08

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

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

TC 0.08 2x 4 SP-#2
BC 0.06 2x 4 SP-#2

Plates for each ply each face.
PLATING CONFORMS TO TPI.

Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	2-11-15
BC Cont.	0- 0- 0	2-11-15

REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.68

TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 15 Lbs
Quality Control Factor 1.25

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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.
PO Box 280055
Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	219	40	3- 8	1- 8
			Hz =	37
C	52	0	1- 8	1- 8
B	74	29	1- 8	1- 8
			Hz =	25

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

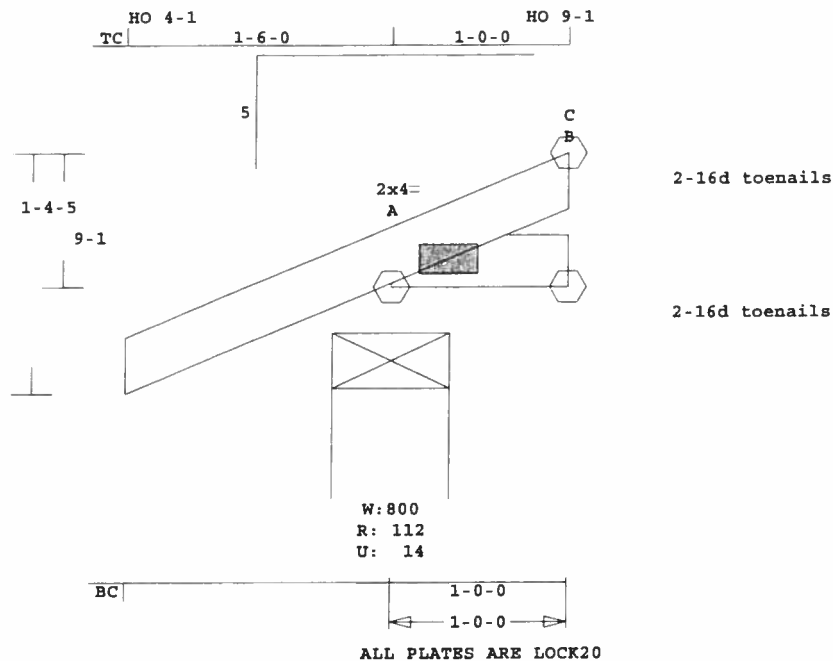
Design checked for 10 psf non-

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -B 0.08 16 T 0.00 0.08
-----Bottom Chords-----

Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	J4	2	JCA2	10000	5	1- 6- 0	0	T06040828
U# J#KT-BATES BATES								



Scale 0.924" = 1'

Robbins Engineering, Inc./Online Plus" APPROX. TRUSS WEIGHT: 7.2 LBS

Online Plus -- Version 19.0.011
RUN DATE: 08-APR-06

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	

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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	

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 2.0x 4.0 Ctr Ctr 0.68

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

Plus 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	112	15	3- 8	1- 8
			Hz =	11
B	22	7	1- 8	1- 8
C	16	0	1- 8	1- 8

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.00		4 T		
-----Bottom Chords-----					
A -C	0.00		7 T		

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

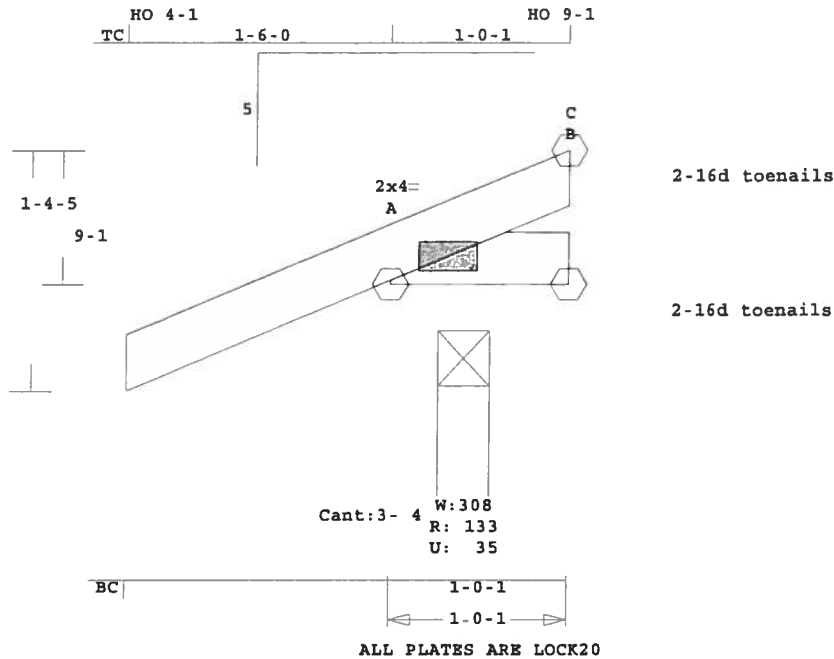
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

Truss Design Engineer: Thomas A. Albani
License # 39380
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	J4A	1	JCA2	10001	5	1- 6- 0	0	T06040828

U# J#KT-BATES BATES



Scale 0.924" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.3 LBS

Online Plus -- Version 19.0.011
 RUN DATE: 08-APR-06

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- 1
 BC Cont. 0- 0- 0 1- 0- 1

Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0 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

Plus 4 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	134	36	3- 8	1- 8
			Hz =	12
B	22	8	1- 8	1- 8
C	16	1	1- 8	1- 8

Membr CSI P Lbs Axl-C SI-Bnd
 -----Top Chords-----
 A -B 0.00 4 T
 -----Bottom Chords-----
 A -C 0.00 7 T

TL Defl 0.00" in A -C L/999
 LL Defl 0.00" in A -C L/999
 Shear // Grain in B -B 0.02
 Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.68

REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

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

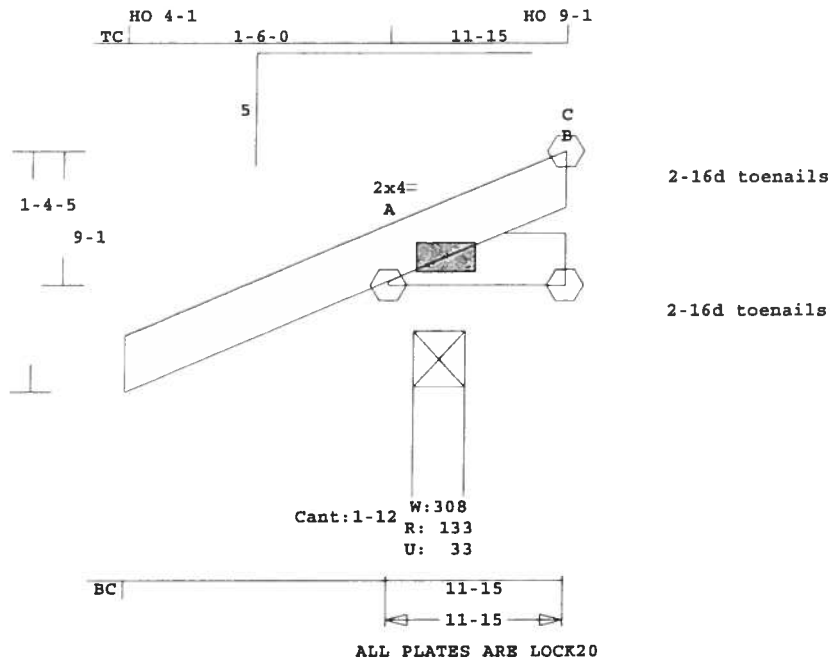
Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 3 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
 License # 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	J4B	1	JCA2	1115	5	1- 6- 0	0	T06040828

U# J#KT-BATES BATES



Scale 0.924" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.2 LBS

Online Plus -- Version 19.0.011
 RUN DATE: 08-APR-06

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 0-11-15
 BC Cont. 0- 0- 0 0-11-15

Loading Live Dead (psf)
 TC 20.0 10.0
 BC 0.0 10.0
 Total 20.0 20.0 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

Plus 4 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	133	34	3- 8	1- 8
			Hz =	11
B	22	7	1- 8	1- 8
C	16	1	1- 8	1- 8

Membr CSI P Lbs Axl-C SI-Bnd
 -----Top Chords-----
 A -B 0.00 4 T
 -----Bottom Chords-----
 A -C 0.00 7 T

TL Defl 0.00" in A -C L/999
 LL Defl 0.00" in A -C L/999
 Shear // Grain in B -B 0.02
 Plates for each ply each face.
 PLATING CONFORMS TO TPI.
 REPORT: NER 691
 ROBBINS ENGINEERING, INC.
 BASED ON SP LUMBER
 USING GROSS AREA TEST.
 Plate - LOCK 20 Ga, Gross Area
 Plate - RHS 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A LOCK 2.0x 4.0 Ctr Ctr 0.68

REVIEWED BY:
 Robbins Engineering, Inc.
 PO Box 280055
 Tampa, FL 33682

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

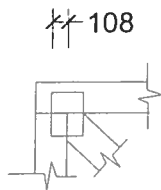
Truss is designed as a Main
 Wind-Force Resistance System.
 Wind Speed: 110 mph
 Mean Roof Height: 15-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 Zone location: Exterior
 TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 3 Lbs
 Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
 License # 39380
 Address: P.O. Box 280055, Tampa, FL 33682



ROBBINS ENG. GENERAL NOTES & SYMBOLS

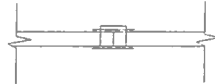
PLATE LOCATION



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.

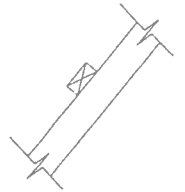
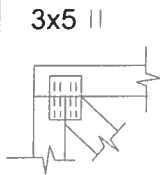


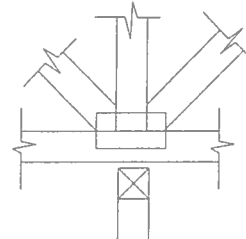
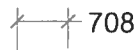
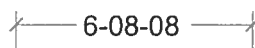
PLATE SIZE AND ORIENTATION



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.



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

www.robbsinseng.com

Permit Number: _____ Lot Number: _____

Miscellaneous: _____ Address: _____

The information in this box is for administrative purposes only and is not part of the engineering review.

Truss Fabricator: Mayo Truss Company, Inc

Job Reference: KT-BATES - BATES

Standard Loading:

T C Live	20 psf
T C Dead	10 psf
B C Live	0 psf
B C Dead	10 psf
Total	40 psf

ROBBINS
ENGINEERING, INC.P.O. Box 280055
Tampa, FL 33682-0055
Phone: (813) 972-1135

Engineering Index Sheet

Index Page 1 of 1

ANSI/ASCE 7-02
Wind Speed - 110 mph
Mean Roof Ht. - 15 ft
Exposure Category - B
Occupancy Factor - 1.00
MWFRS
Enclosed

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06040894	04/10/2006		7

A Professional Engineer's seal affixed to this Index Sheet indicates the acceptance of Professional Engineering responsibilities for individual truss components fabricated in accordance with the listed and attached Truss Specification Sheets. Determination as to the suitability of these individual truss components for any structure is the responsibility of the Building Designer, as defined in ANSI/TPI 1-1995, Section 2.2. Permanent files of the original Truss Specification Sheet are maintained by Robbins Engineering, Inc. Questions regarding this Index Sheet and/or the attached Specification Sheets may be directed to the truss fabricator listed above or Robbins Engineering, Inc. (Software - Online Plus)

Notes: Refer to individual truss design drawings for special loading conditions.

Date Mark

1	04/10/06	A1
5	04/10/06	A5

Date Mark

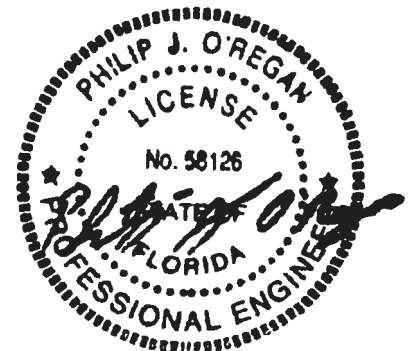
2	04/10/06	A2
6	04/10/06	A6

Date Mark

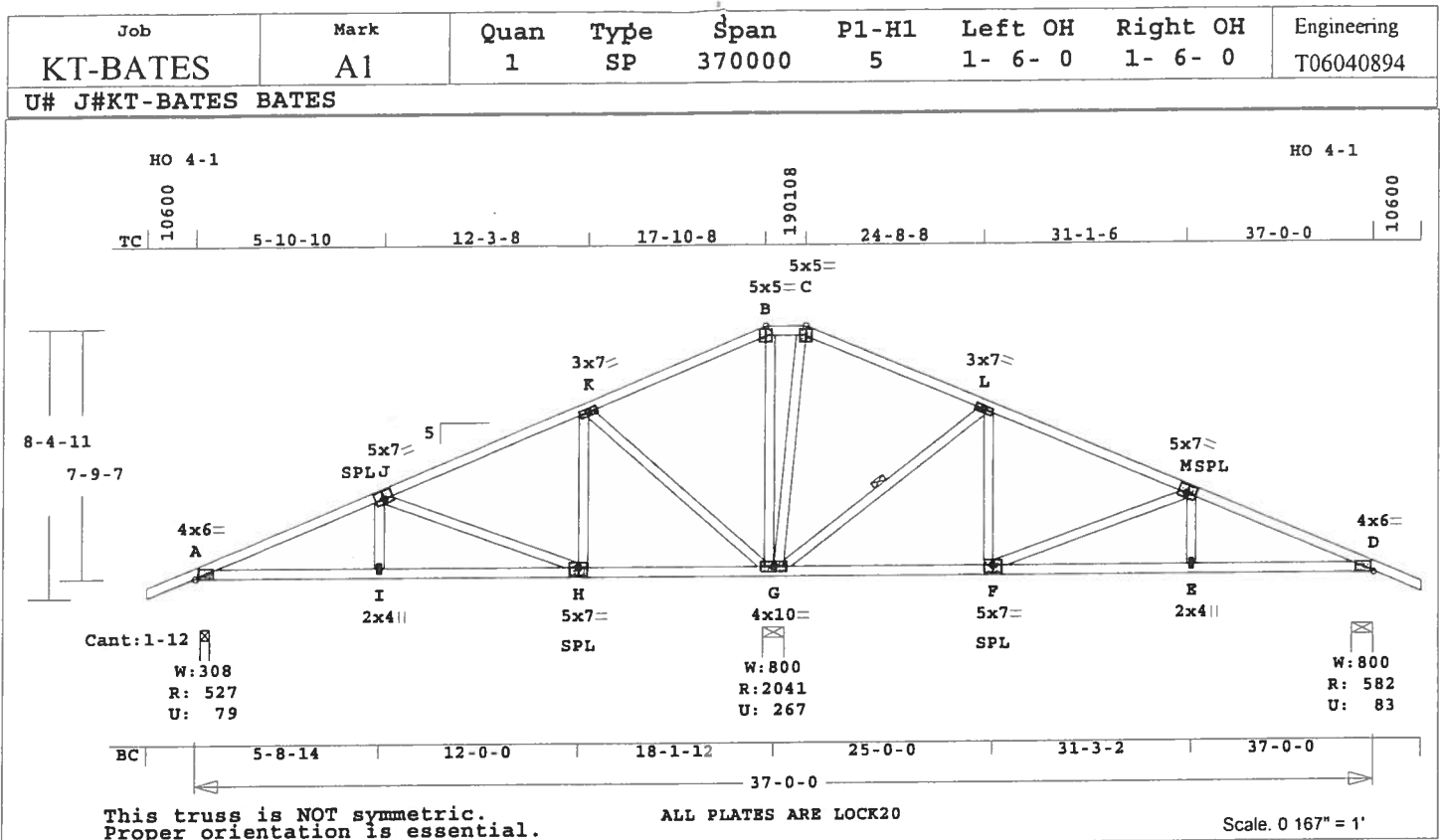
3	04/10/06	A3
7	04/10/06	A7

Date Mark

4	04/10/06	A4
---	----------	----

Truss Design Engineer: Philip J. O'Regan
License # 58126
Address P.O. Box 280055, Tampa, FL 33682

Date Sealed: 4/10/2006



Robbins Engineering, Inc./Online Plus™
Online Plus -- Version 19.0.011
RUN DATE: 10-APR-06

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

TC	0.51	2x 4	SP-#2
BC	0.30	2x 4	SP-#2
WB	0.58	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	37- 0- 0
BC Cont.	0- 0- 0	37- 0- 0

WB 1 rows CLB on G -L
Attach CLB with (2)-10d nails at each web.

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	527	79	3- 8	1- 8
			Hz =	-143
G	2042	268	8- 0	2- 5
D	583	84	8- 0	1- 8
			Hz =	144

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -J	0.33	592 C	0.00	0.33
J -K	0.42	121 T	0.02	0.40
K -B	0.51	723 T	0.11	0.40
B -C	0.24	680 T	0.11	0.13
C -L	0.50	660 T	0.10	0.40
L -M	0.40	87 T	0.00	0.40
M -D	0.32	727 C	0.00	0.32
-----Bottom Chords-----				

APPROX. TRUSS WEIGHT: 259.4 LBS

A -I	0.25	557 T	0.05	0.20	
I -H	0.25	557 T	0.05	0.20	
H -G	0.22	108 T	0.00	0.22	
G -F	0.24	148 T	0.00	0.24	
F -E	0.30	681 T	0.06	0.24	
E -D	0.25	681 T	0.06	0.19	
-----Webs-----					
I -J	0.03	257 T			
J -H	0.39	689 C			
H -K	0.06	423 T			
K -G	0.58	788 C			
G -B	0.32	462 C			
G -C	0.31	435 C			
G -L	0.19	834 C			1 Br
F -L	0.06	451 T			
F -M	0.39	678 C			
E -M	0.03	247 T			

TL Defl -0.07" in I -H L/999
LL Defl -0.03" in G -F L/999
Shear // Grain in K -B 0.24

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr 0.1 0.73
J LOCK 5.0x 7.0-0.2 0.5 0.75
K LOCK 3.0x 7.0 Ctr Ctr 0.43
B LOCK 5.0x 5.0 Ctr-0.1 0.94
C LOCK 5.0x 5.0 Ctr Ctr 0.93
L LOCK 3.0x 7.0 Ctr Ctr 0.42
M LOCK 5.0x 7.0 0.2 0.5 0.75
D LOCK 4.0x 6.0 Ctr 0.1 0.73
I LOCK 2.0x 4.0 Ctr Ctr 0.46
H LOCK 5.0x 7.0 Ctr-0.5 0.76
G LOCK 4.0x10.0 Ctr Ctr 0.54
F LOCK 5.0x 7.0 Ctr-0.5 0.76
E LOCK 2.0x 4.0 Ctr Ctr 0.46

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 834 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

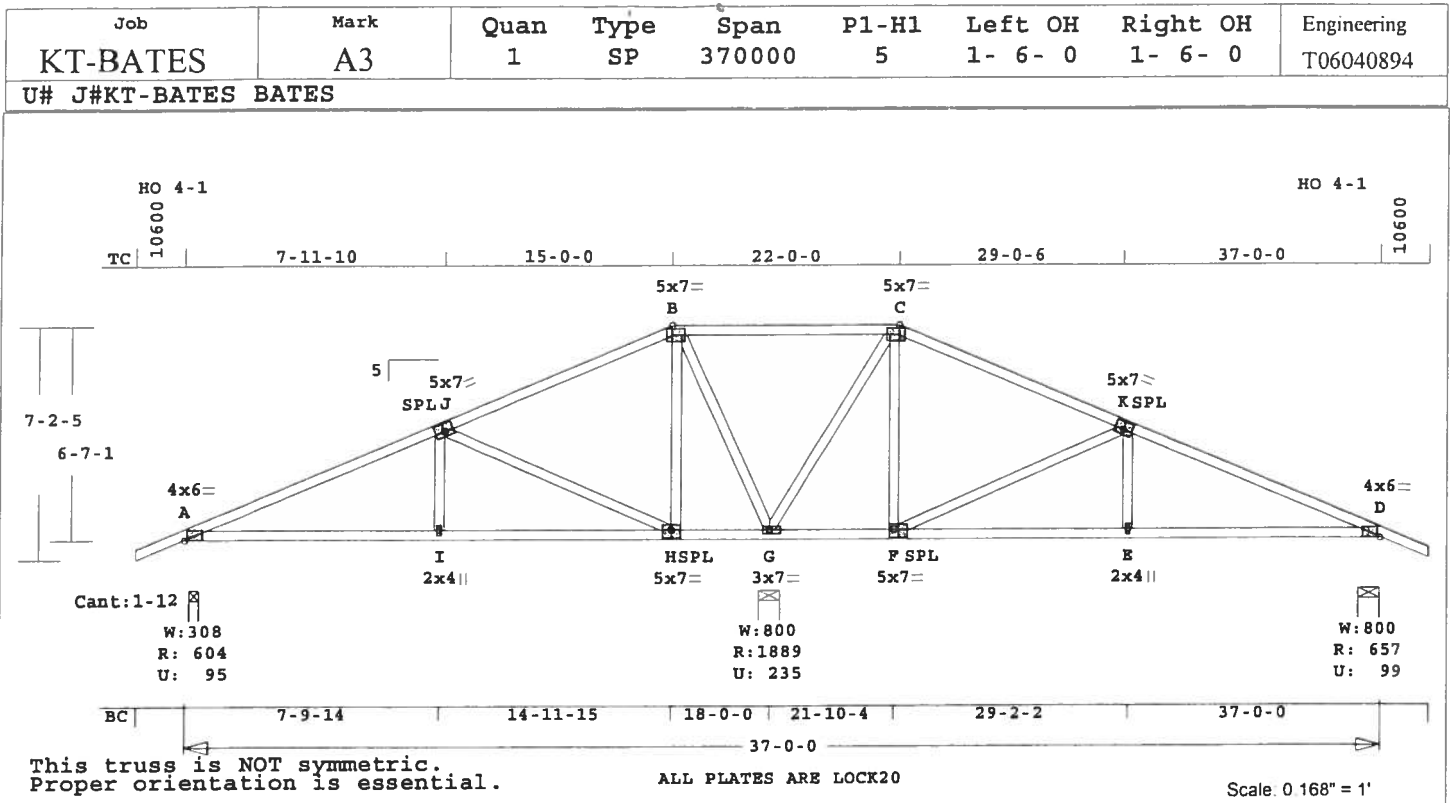


U# J#KT-BATES BATES



ALL PLATES ARE LOCK20

Scale: 0.168" = 1'



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 240.0 LBS

Online Plus -- Version 19.0.011
RUN DATE: 10-APR-06

CSI -Size- ---Lumber---

TC	0.62	2x 4	SP-#2
BC	0.42	2x 4	SP-#2
WB	0.70	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	37- 0- 0
BC Cont.	0- 0- 0	37- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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	

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	605	96	3- 8	1- 8
			Hz =	-119
G	1890	236	8- 0	2- 2
D	657	99	8- 0	1- 8
			Hz =	121

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -J	0.60		622 C	0.00	0.60
J -B	0.62		215 T	0.02	0.60
B -C	0.46		638 T	0.10	0.36
C -K	0.59		84 T	0.00	0.59
K -D	0.59		752 C	0.00	0.59
-----Bottom Chords-----					
A -I	0.41		587 T	0.05	0.36
I -H	0.41		587 T	0.05	0.36
H -G	0.17		216 C	0.00	0.17

G -F	0.18	89 C	0.00	0.18	
F -E	0.42	707 T	0.07	0.35	
E -D	0.42	707 T	0.07	0.35	
-----Webs-----					
I -J	0.05	337 T			
J -H	0.69	874 C			
H -B	0.08	483 T			
B -G	0.60	1027 C			
G -C	0.70	1045 C			
F -C	0.08	496 T			
F -K	0.68	867 C			
E -K	0.05	334 T			

TL Defl -0.16" in A -I L/999
LL Defl -0.07" in A -I L/999
Shear // Grain in A -J 0.30

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate	LOCK	20 Ga	Gross Area
Plate - LOCK	20 Ga <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr	0.1 0.73
J LOCK	5.0x 7.0	0.2	0.5 0.75
B LOCK	5.0x 7.0	0.5	Ctr 0.91
C LOCK	5.0x 7.0	0.5	Ctr 0.91
K LOCK	5.0x 7.0	0.2	0.5 0.75
D LOCK	4.0x 6.0	Ctr	0.1 0.73
I LOCK	2.0x 4.0	Ctr	Ctr 0.46
H LOCK	5.0x 7.0	Ctr	0.5 0.76
G LOCK	3.0x 7.0	0.9	Ctr 0.54
F LOCK	5.0x 7.0	Ctr	0.5 0.76
E LOCK	2.0x 4.0	Ctr	Ctr 0.46

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 a Main
Wind-Force Resistance System.

Wind Speed: 110 mph

Mean Roof Height: 15-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

Zone location: Exterior

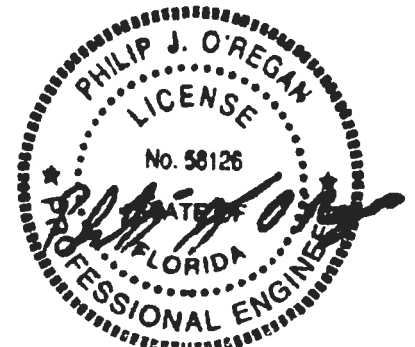
TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 1045 Lbs

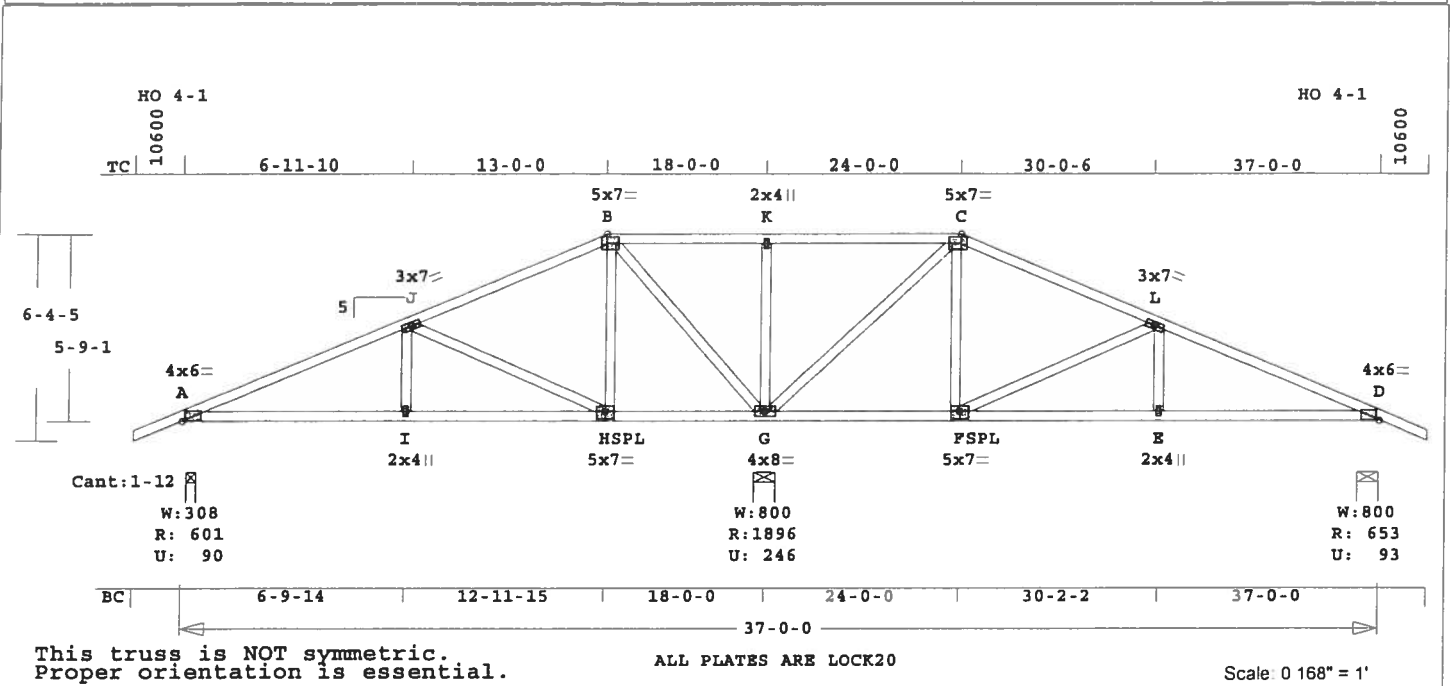
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
KT-BATES	A4	1	SP	370000	5	1- 6- 0	1- 6- 0	T06040894

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 242.0 LBS

Online Plus -- Version 19.0.011
RUN DATE: 10-APR-06

TC	CSI	-Size-	---	Lumber----
TC	0.48	2x 4	SP-#2	
BC	0.32	2x 4	SP-#2	
WB	0.80	2x 4	SP-#2	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	37- 0- 0
BC Cont.	0- 0- 0	37- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	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	

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	602	90	3- 8	1- 8
			Hz =	-103
G	1897	247	8- 0	2- 2
D	653	94	8- 0	1- 8
			Hz =	104

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -J	0.45		689 C	0.00	0.45
J -B	0.45		73 T	0.00	0.45
B -K	0.48		669 T	0.11	0.37
K -C	0.48		669 T	0.11	0.37
C -L	0.42		113 C	0.00	0.42
L -D	0.42		813 C	0.00	0.42
-----Bottom Chords-----					
A -I	0.32		648 T	0.06	0.26
I -H	0.32		648 T	0.06	0.26
H -G	0.16		80 T	0.00	0.16

G -F	0.18	110 T	0.00	0.18	
F -E	0.32	761 T	0.07	0.25	
E -D	0.32	761 T	0.07	0.25	
-----Webs-----					
I -J	0.04	287 T			
J -H	0.44	748 C			
H -B	0.07	438 T			
B -G	0.60	940 C			
G -K	0.14	384 C			
G -C	0.80	1030 C			
F -C	0.07	461 T			
F -L	0.43	730 C			
E -L	0.04	280 T			

TL Defl -0.11" in E -D L/999
LL Defl -0.04" in E -D L/999
Shear // Grain in A -J 0.26

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

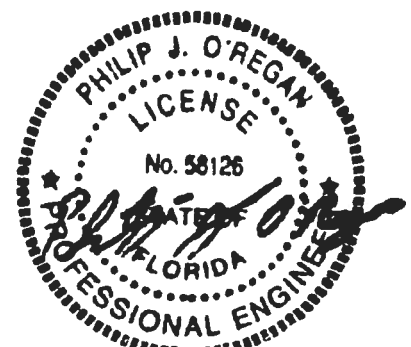
Plate	LOCK	20 Ga	Gross Area
Plate -	LOCK	20 Ga <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A LOCK	4.0x 6.0	Ctr	0.1 0.73
J LOCK	3.0x 7.0	Ctr	Ctr 0.40
B LOCK	5.0x 7.0	0.5 Ctr	0.91
K LOCK	2.0x 4.0	Ctr	Ctr 0.46
C LOCK	5.0x 7.0	0.5 Ctr	0.91
L LOCK	3.0x 7.0	Ctr	Ctr 0.40
D LOCK	4.0x 6.0	Ctr	0.1 0.73
I LOCK	2.0x 4.0	Ctr	Ctr 0.46
H LOCK	5.0x 7.0	Ctr-0.5	0.76
G LOCK	4.0x 8.0	Ctr	Ctr 0.43
F LOCK	5.0x 7.0	Ctr-0.5	0.76
E LOCK	2.0x 4.0	Ctr	Ctr 0.46

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1030 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



U# J#KT-BATES BATES

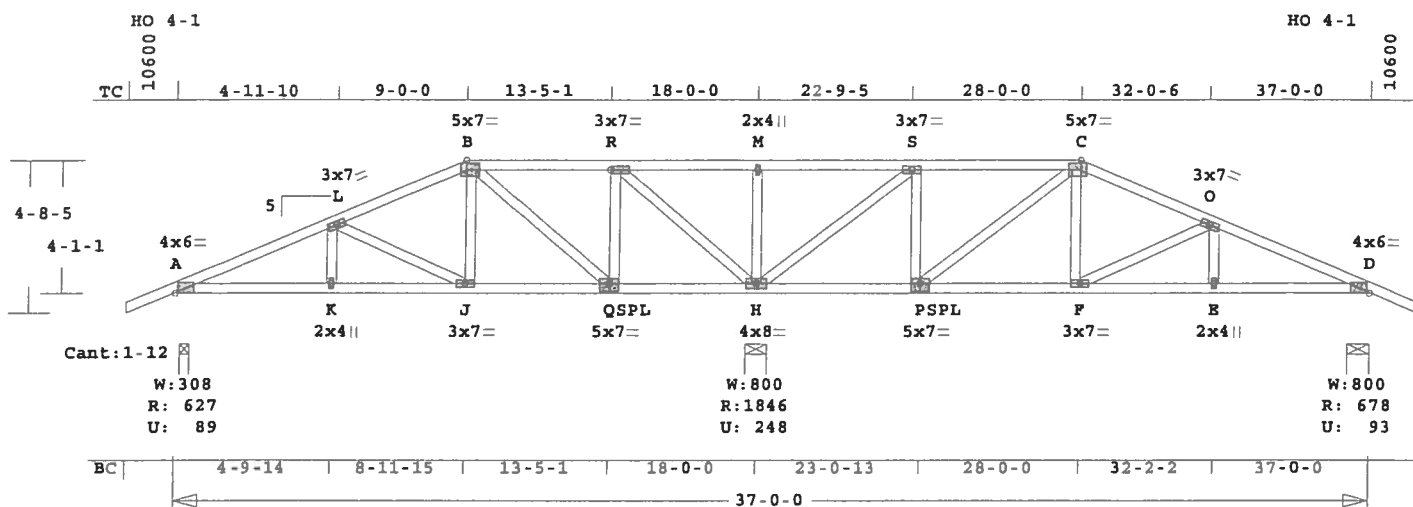


Quality Control Factor 1.25

A circular professional engineer seal for Philip J. O'Regan. The outer ring contains the text "PHILIP J. O'REGAN" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 58126" is in the center, and "STATE OF FLORIDA" is at the bottom. A large, stylized signature is written across the center of the seal.

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	A6	1	SP	370000	5	1- 6- 0	1- 6- 0	T06040894

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 248.2 LBS

Online Plus -- Version 19.0.011
RUN DATE: 10-APR-06

CSI -Size- ----Lumber----
TC 0.40 2x 4 SP-#2
BC 0.23 2x 4 SP-#2
WB 0.56 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 37- 0- 0
BC Cont. 0- 0- 0 37- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 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

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	628	89	3- 8	1- 8
			Hz =	-70
H	1846	248	8- 0	2- 1
D	678	93	8- 0	1- 8
			Hz =	72

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -L	0.16	883	C	0.00	0.16
L -B	0.16	443	C	0.00	0.16
B -R	0.20	53	T	0.00	0.20
R -M	0.34	867	T	0.14	0.20
M -S	0.40	867	T	0.14	0.26
S -C	0.26	96	C	0.00	0.26
C -O	0.14	573	C	0.00	0.14
O -D	0.14	1003	C	0.00	0.14
-----Bottom Chords-----					
A -K	0.21	820	T	0.13	0.08
K -J	0.18	820	T	0.13	0.05
J -Q	0.13	399	T	0.04	0.09
Q -H	0.13	62	T	0.00	0.13

H -P	0.13	96	T	0.00	0.13
P -F	0.17	520	T	0.05	0.12
F -E	0.20	930	T	0.15	0.05
E -D	0.23	930	T	0.15	0.08

-----Webs-----					
K -L	0.02	183	T		
L -J	0.12	457	C		
J -B	0.05	316	T		
B -Q	0.22	549	C		
Q -R	0.08	439	T		
R -H	0.45	1113	C		
H -M	0.05	274	C		
H -S	0.56	1217	C		
P -S	0.07	441	T		
P -C	0.24	530	C		
F -C	0.05	322	T		
F -O	0.12	443	C		
E -O	0.02	179	T		

TL Defl -0.06" in F -E L/999
LL Defl -0.03" in F -E L/999
Shear // Grain in S -C 0.22

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.

Plate - LOCK	20	Ga,	Gross	Area	
Plate - RHS	20	Ga,	Gross	Area	
Jt Type	Plt	Size	X	Y	JSI
A	LOCK	4.0x	6.0	Ctr	0.1 0.73
L	LOCK	3.0x	7.0	Ctr	Ctr 0.40
B	LOCK	5.0x	7.0-0.5	Ctr	0.91
R	LOCK	3.0x	7.0	Ctr	Ctr 0.44
M	LOCK	2.0x	4.0	Ctr	Ctr 0.46
S	LOCK	3.0x	7.0	Ctr	Ctr 0.44
C	LOCK	5.0x	7.0	0.5	Ctr 0.91
O	LOCK	3.0x	7.0	Ctr	Ctr 0.40
D	LOCK	4.0x	6.0	Ctr	0.1 0.73
K	LOCK	2.0x	4.0	Ctr	Ctr 0.46
J	LOCK	3.0x	7.0	Ctr	Ctr 0.46
Q	LOCK	5.0x	7.0	Ctr-0.5	0.76
H	LOCK	4.0x	8.0	Ctr	Ctr 0.44
P	LOCK	5.0x	7.0	Ctr-0.5	0.76
F	LOCK	3.0x	7.0	Ctr	Ctr 0.46
E	LOCK	2.0x	4.0	Ctr	Ctr 0.46

REVIEWED BY:
Robbins Engineering, Inc.

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

NOTES:

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

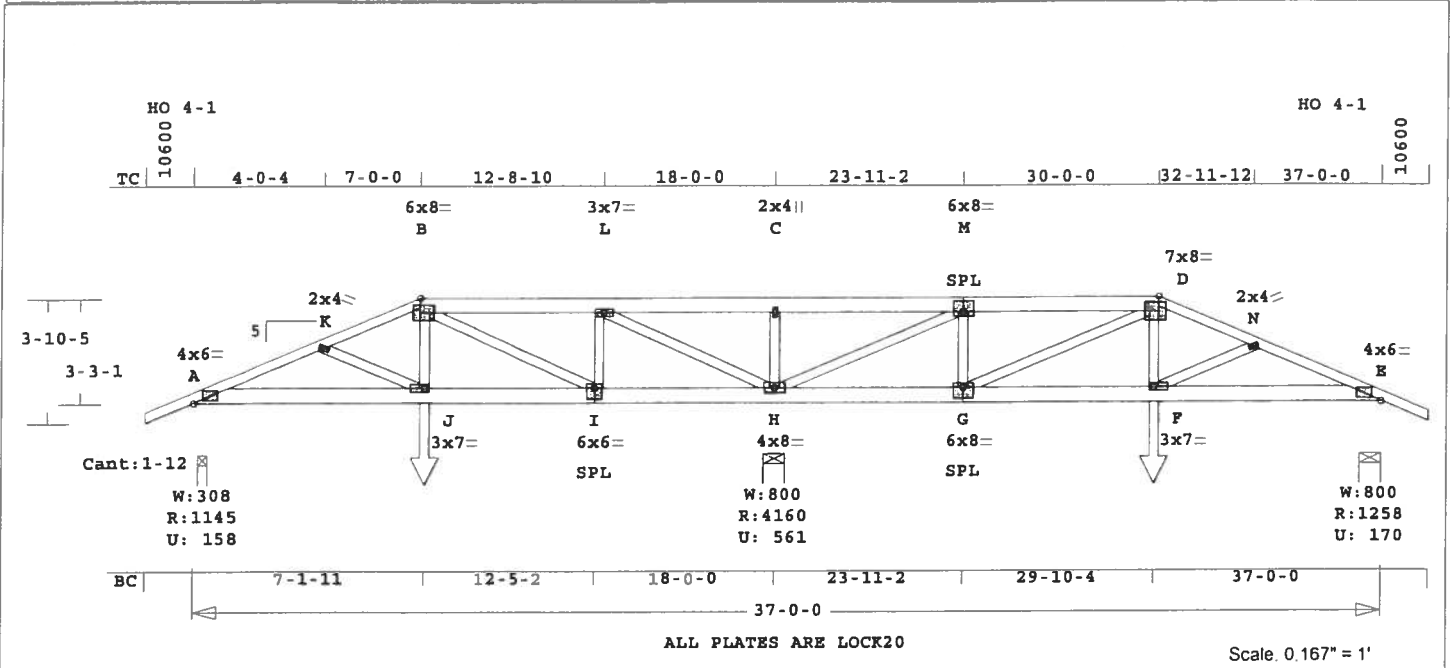
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1217 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KT-BATES	A7	1*2P	SP	370000	5	1- 6- 0	1- 6- 0	T06040894

U# J#KT-BATES BATES



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 284.4 LBS

Online Plus -- Version 19.0.011
RUN DATE: 10-APR-06

* 2-Ply Truss *

CSI -Size- ---Lumber---
TC 0.29 2x 4 SP-#2
EX B -M 2x 6 SP-#2
EX M -D 2x 6 SP-#2
BC 0.22 2x 6 SP-#2
WB 0.28 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 37- 0- 0
BC Cont. 0- 0- 0 37- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 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

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 40 20 0.0' 37.0'
BC V 0 20 0.0' 37.0'
TC V 50 25 7.0' 30.0'
BC V 0 25 7.1' 29.9'
BC V 280 280 7.1' CL-LB
BC V 280 280 29.9' CL-LB

Plus 6 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1146	158	3- 8	1- 8
			Hx =	-53
H	4160	561	8- 0	2- 6
E	1259	170	8- 0	1- 8
			Hx =	54

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -K	0.11	2147	C	0.01	0.10
K -B	0.25	2021	C	0.00	0.25
B -L	0.22	957	C	0.00	0.22
L -C	0.36	1984	T	0.13	0.23
C -M	0.38	1984	T	0.13	0.25
M -D	0.25	1316	C	0.00	0.25
D -N	0.29	2318	C	0.01	0.28

N -E	0.11	2428	C	0.01	0.10
-----Bottom Chords-----					
A -J	0.21	1978	T	0.13	0.08
J -I	0.19	1865	T	0.12	0.07
I -H	0.20	957	T	0.06	0.14
H -G	0.22	1316	T	0.08	0.14
G -F	0.22	2143	T	0.14	0.08
F -E	0.22	2235	T	0.14	0.08
-----Webs-----					
K -J	0.00	86	C		
J -B	0.07	782	T		
B -I	0.07	1006	C		
I -L	0.06	820	T		
L -H	0.23	3309	C		
H -C	0.03	767	C		
H -M	0.28	3649	C		
G -M	0.06	826	T		
G -D	0.07	902	C		
F -D	0.07	795	T		
F -N	0.00	75	T		

TL Defl -0.09" in G -F L/999
LL Defl -0.04" in G -F L/999
Shear // Grain in M -D 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 6.0 Ctr Ctr 0.79
K LOCK 2.0x 4.0 Ctr Ctr 0.46
B LOCK 6.0x 8.0-0.5 Ctr 1.00
L LOCK 3.0x 7.0 Ctr Ctr 0.51
C LOCK 2.0x 4.0 Ctr Ctr 0.46
M LOCK 6.0x 8.0 Ctr 1.2 0.75
D LOCK 7.0x 8.0 0.5 Ctr 0.84
N LOCK 2.0x 4.0 Ctr Ctr 0.46
E LOCK 4.0x 6.0 Ctr Ctr 0.79
J LOCK 3.0x 7.0 Ctr Ctr 0.47
I LOCK 6.0x 6.0 Ctr-1.2 0.61
H LOCK 4.0x 8.0 Ctr Ctr 0.66
G LOCK 6.0x 8.0 Ctr-1.2 0.61
F LOCK 3.0x 7.0 Ctr Ctr 0.47

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

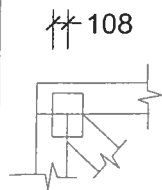
Plus clusters of nails where
shown.
OK Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3649 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



ROBBINS ENG. GENERAL NOTES & SYMBOLS

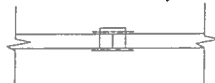
PLATE LOCATION



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.

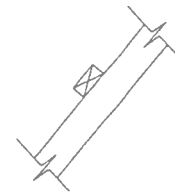
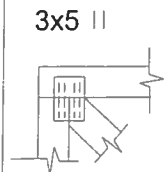


PLATE SIZE AND ORIENTATION



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

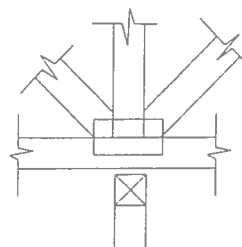
All dimensions are shown in FT-IN-SX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).

6-08-08

708

BEARING

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



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

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