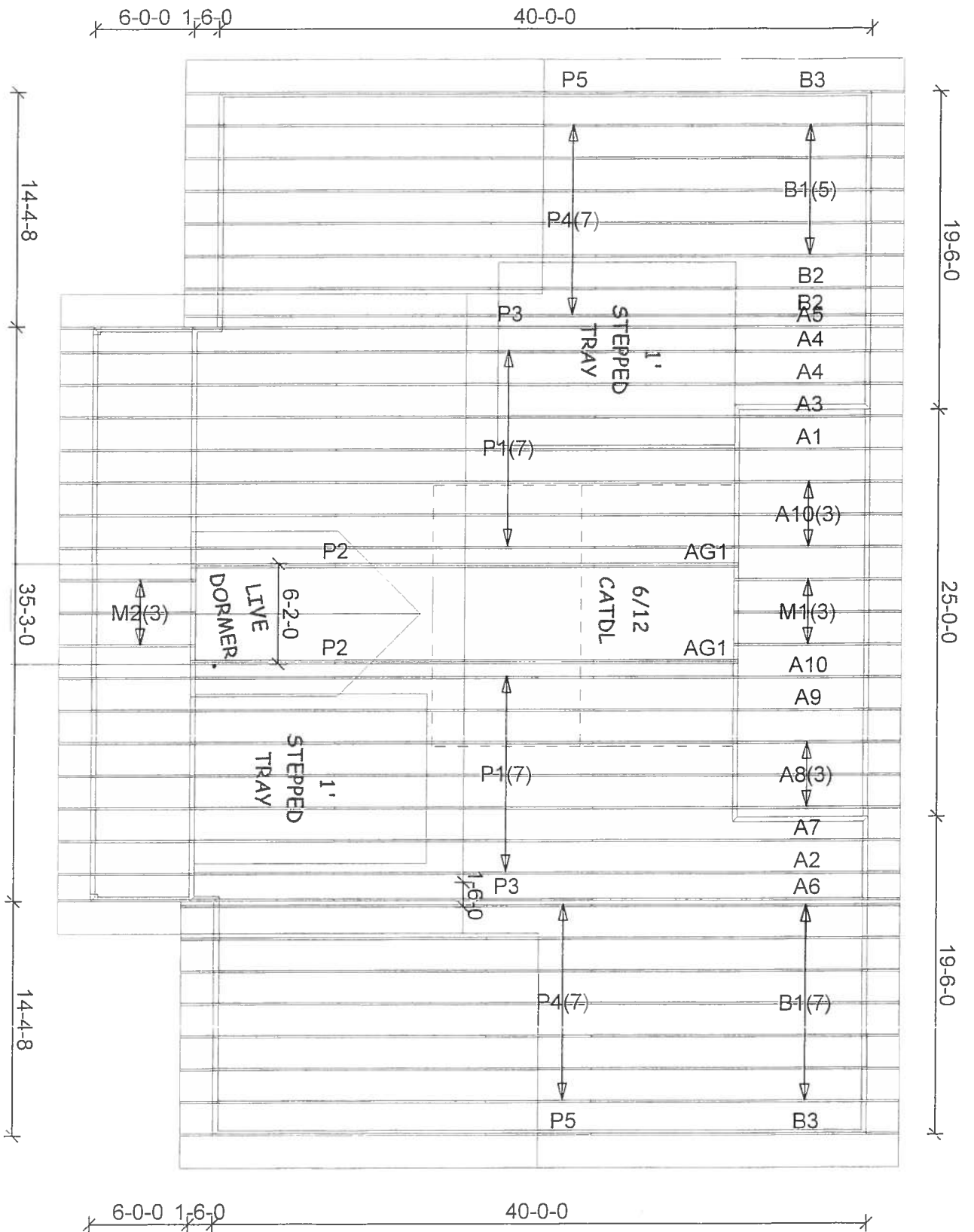


Mayo Truss Co. Inc.
 362 NE CLYDE AVE.
 MAYO, FL 32066
 (386)294-3988
 (877)-538-6262

TOP FLIGHT CONSTRUCTION, INC.
 BEDENBAUGH
 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: CONTRACTORS
 Job: TF-BEDENBAUGH
 Designer: M.MURRAY
 Checker: M.MURRAY
 Date: 05-10-06



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: TF-BEDENBAUGH - BEDENBAUGH

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
T06050804	05/08/2006		21

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	05/08/06	A1
5	05/08/06	A5
9	05/08/06	A9
13	05/08/06	B2
17	05/08/06	P1
21	05/08/06	P5

Date Mark

2	05/08/06	A2
6	05/08/06	A6
10	05/08/06	A10
14	05/08/06	B3
18	05/08/06	P2

Date Mark

3	05/08/06	A3
7	05/08/06	A7
11	05/08/06	AG1
15	05/08/06	M1
19	05/08/06	P3

Date Mark

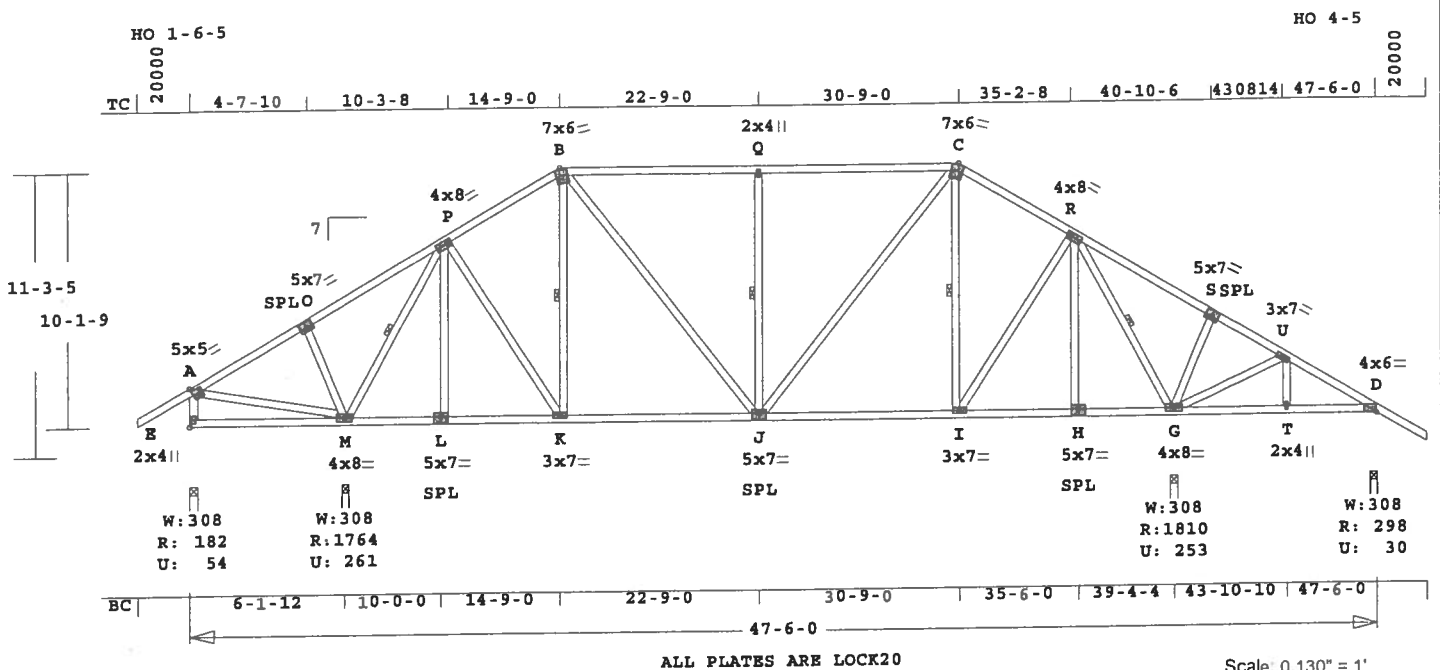
4	05/08/06	A4
8	05/08/06	A8
12	05/08/06	B1
16	05/08/06	M2
20	05/08/06	P4

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

Date Sealed: 5/8/2006

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
TF-BEDENBAUGH	A1	1	SP	470600	7	2- 0- 0	2- 0- 0	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



ALL PLATES ARE LOCK20

Scale: 0.130" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 424.8 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ---Lumber---
TC 0.69 2x 4 SP-#2
BC 0.42 2x 4 SP-#2
WB 0.34 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 14- 9- 0
TC 2- 0- 0 14- 9- 0 30- 9- 0
TC Cont. 30- 9- 0 47- 6- 0
BC Cont. 0- 0- 0 47- 6- 0
WB 1 rows CLB on M -P
WB 1 rows CLB on K -B
WB 1 rows CLB on J -Q
WB 1 rows CLB on I -C
WB 1 rows CLB on R -G
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	
E	183	55	3- 8	1- 8
			Hx =	-234
M	1765	261	3- 8	1-14
G	1810	254	3- 8	1-15
D	298	31	3- 8	1- 8
			Hx =	211

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A -O	0.33	165 T	0.03	0.30
O -P	0.33	283 T	0.03	0.30
P -B	0.21	857 C	0.00	0.21
B -Q	0.69	1022 C	0.00	0.69
Q -C	0.69	1022 C	0.00	0.69
C -R	0.23	857 C	0.00	0.23
R -S	0.29	321 T	0.06	0.23
S -U	0.28	223 T	0.04	0.24
U -D	0.09	70 C	0.00	0.09
-----Bottom Chords-----				

E -M	0.23	218 T	0.00	0.23
M -L	0.27	467 T	0.04	0.23
L -K	0.29	467 T	0.04	0.25
K -J	0.42	742 T	0.07	0.35
J -I	0.42	741 T	0.07	0.35
I -H	0.28	468 T	0.04	0.24
H -G	0.16	468 T	0.07	0.09
G -T	0.12	161 T	0.00	0.12
T -D	0.09	161 T	0.00	0.09

TL Defl -0.08" in E -M L/852
LL Defl -0.04" in E -M L/999
Shear // Grain in B -Q 0.34

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

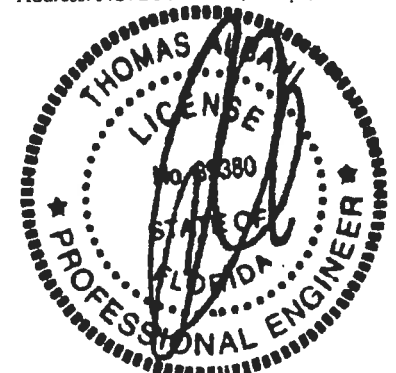
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 Ctr Ctr 0.89
O LOCK 5.0x 7.0-0.3 0.5 0.85
P LOCK 4.0x 8.0 Ctr Ctr 0.86
B LOCK 7.0x 6.0 1.1-4.2 0.90
Q LOCK 2.0x 4.0 Ctr Ctr 0.52
C LOCK 7.0x 6.0-1.1-4.2 0.90
R LOCK 4.0x 8.0 Ctr Ctr 0.89
S LOCK 5.0x 7.0 0.3 0.5 0.85
U LOCK 3.0x 7.0 Ctr Ctr 0.46
D LOCK 4.0x 6.0-0.2 0.1 0.81
E LOCK 2.0x 4.0 Ctr Ctr 0.64
M LOCK 4.0x 8.0 Ctr Ctr 0.75
L LOCK 5.0x 7.0 Ctr Ctr 0.87
K LOCK 3.0x 7.0 Ctr Ctr 0.54
J LOCK 5.0x 7.0 Ctr Ctr 0.87
I LOCK 3.0x 7.0 Ctr Ctr 0.54
H LOCK 5.0x 7.0 Ctr Ctr 0.87
G LOCK 4.0x 8.0 Ctr Ctr 0.59

T LOCK 2.0x 4.0 Ctr Ctr 0.52
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

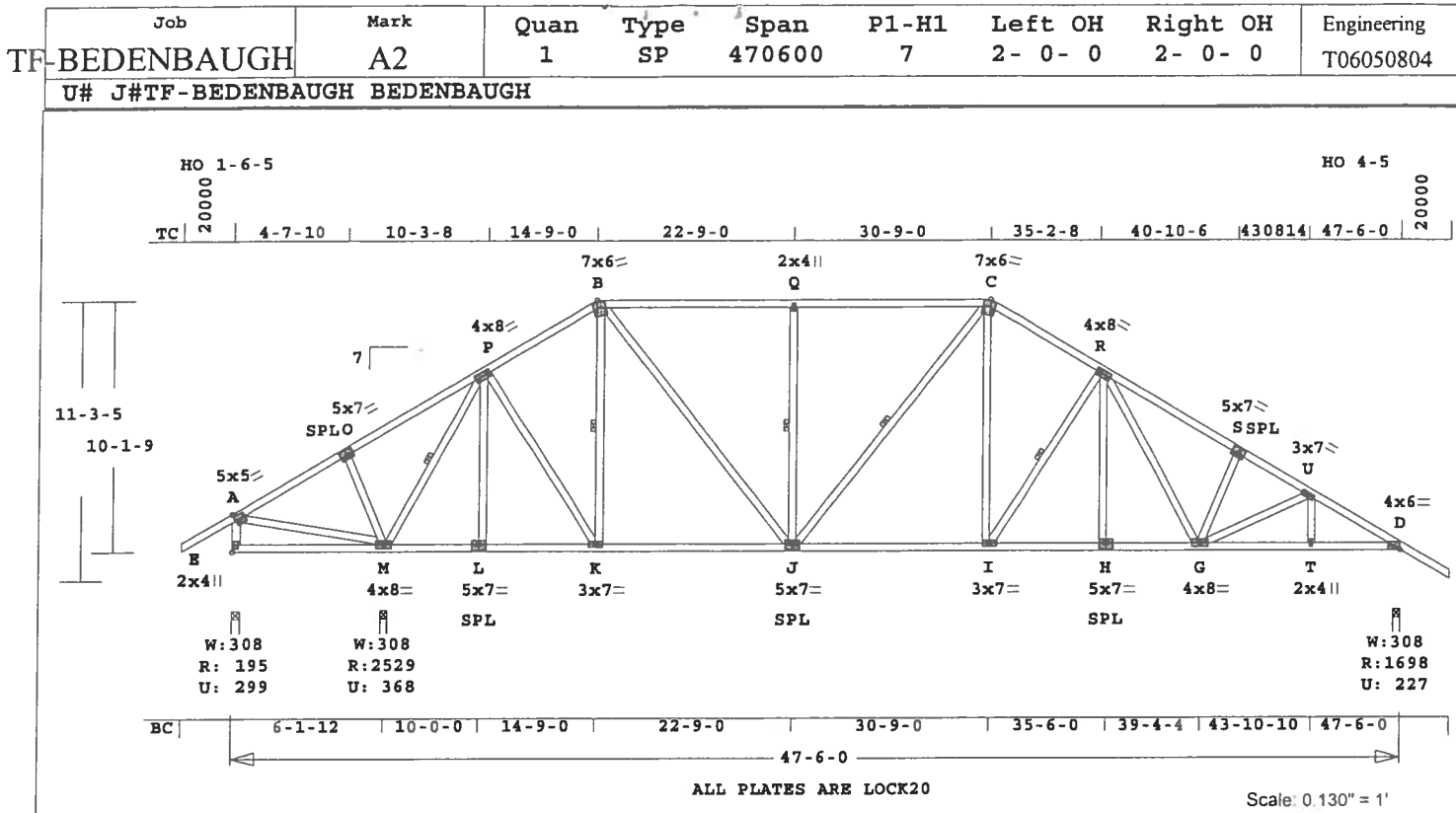
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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 1555 Lbs
Quality Control Factor 1.25

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



Date Sealed: 5/8/2006



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 424.8 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

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

TC 0.72 2x 4 SP-#2
BC 0.51 2x 4 SP-#2
WB 0.50 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	14- 9- 0
TC 2- 0- 0	14- 9- 0	30- 9- 0
TC Cont.	30- 9- 0	47- 6- 0
BC Cont.	0- 0- 0	47- 6- 0

WB 1 rows CLB on M -P
WB 1 rows CLB on K -B
WB 1 rows CLB on J -Q
WB 1 rows CLB on J -C
WB 1 rows CLB on I -R
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
E	195	300G	3- 8	1- 8
			Hx =	-234
M	2529	369	3- 8	2-11
D	1698	227	3- 8	2- 0
			Hx =	211

G = Gravity Uplift

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A-O	0.43	677	T	0.12	0.31
O-P	0.42	795	T	0.11	0.31
P-B	0.22	1015	C	0.00	0.22
B-Q	0.72	1487	C	0.01	0.71
Q-C	0.72	1487	C	0.01	0.71
C-R	0.35	1766	C	0.01	0.34
R-S	0.33	2377	C	0.07	0.26
S-U	0.27	2472	C	0.04	0.23
U-D	0.22	2641	C	0.04	0.18
-----Bottom Chords-----					
E-M	0.24	218	T	0.00	0.24

M	-L	0.27	383	T	0.03	0.24
L	-K	0.28	383	T	0.03	0.25
K	-J	0.44	879	T	0.09	0.35
J	-I	0.51	1528	T	0.16	0.35
I	-H	0.43	1831	T	0.30	0.13
H	-G	0.36	1831	T	0.30	0.06
G	-T	0.47	2259	T	0.37	0.10
T	-D	0.51	2259	T	0.37	0.14

-----Webs-----

E	-A	0.06	348	T	WindLd
A <td>-M</td> <td>0.26 <th>580</th> <th>C</th> <td></td> </td>	-M	0.26 <th>580</th> <th>C</th> <td></td>	580	C	
O <td>-M</td> <td>0.07 <th>302</th> <th>C</th> <td></td> </td>	-M	0.07 <th>302</th> <th>C</th> <td></td>	302	C	
M <td>-P</td> <td>0.50 <th>2263</th> <th>C</th> <td>1 Br</td> </td>	-P	0.50 <th>2263</th> <th>C</th> <td>1 Br</td>	2263	C	1 Br
L <td>-P</td> <td>0.01 <th>102</th> <th>T</th> <td></td> </td>	-P	0.01 <th>102</th> <th>T</th> <td></td>	102	T	
P <td>-K</td> <td>0.16 <th>884</th> <th>T</th> <td></td> </td>	-K	0.16 <th>884</th> <th>T</th> <td></td>	884	T	
K <td>-B</td> <td>0.19 <th>595</th> <th>C</th> <td>1 Br</td> </td>	-B	0.19 <th>595</th> <th>C</th> <td>1 Br</td>	595	C	1 Br
B <td>-J</td> <td>0.27 <th>971</th> <th>T</th> <td></td> </td>	-J	0.27 <th>971</th> <th>T</th> <td></td>	971	T	
J <td>-Q</td> <td>0.17 <th>541</th> <th>C</th> <td>1 Br</td> </td>	-Q	0.17 <th>541</th> <th>C</th> <td>1 Br</td>	541	C	1 Br
J <td>-C</td> <td>0.06 <th>119</th> <th>C</th> <td>1 Br</td> </td>	-C	0.06 <th>119</th> <th>C</th> <td>1 Br</td>	119	C	1 Br
I <td>-C</td> <td>0.10 <th>586</th> <th>T</th> <td></td> </td>	-C	0.10 <th>586</th> <th>T</th> <td></td>	586	T	
I <td>-R</td> <td>0.13 <th>536</th> <th>C</th> <td>1 Br</td> </td>	-R	0.13 <th>536</th> <th>C</th> <td>1 Br</td>	536	C	1 Br
H <td>-R</td> <td>0.02 <th>140</th> <th>T</th> <td></td> </td>	-R	0.02 <th>140</th> <th>T</th> <td></td>	140	T	
R <td>-G</td> <td>0.08 <th>457</th> <th>T</th> <td></td> </td>	-G	0.08 <th>457</th> <th>T</th> <td></td>	457	T	
G <td>-S</td> <td>0.06 <th>274</th> <th>C</th> <td></td> </td>	-S	0.06 <th>274</th> <th>C</th> <td></td>	274	C	
G <td>-U</td> <td>0.03 <th>120</th> <th>C</th> <td></td> </td>	-U	0.03 <th>120</th> <th>C</th> <td></td>	120	C	
T <td>-U</td> <td>0.01 <th>119</th> <th>T</th> <td></td> </td>	-U	0.01 <th>119</th> <th>T</th> <td></td>	119	T	

TL Defl -0.26" in J -I L/999
LL Defl -0.11" in I -H L/999
Shear // Grain in Q -C 0.36

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

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

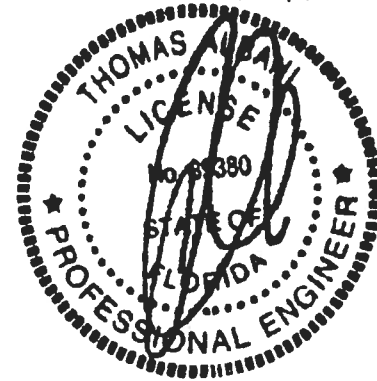
Plate	- LOCK	20 Ga,	Gross Area
Plate - RHS	20 Ga, <td>Gross Area</td> <td></td>	Gross Area	
Jt Type	Plt Size	X	Y JSI
A	LOCK	5.0x 5.0	Ctr Ctr 0.89
O	LOCK	5.0x 7.0	-0.3 0.5 0.85
P	LOCK	4.0x 8.0	-0.4-0.3 0.95
B	LOCK	7.0x 6.0	1.1-4.2 0.90
Q	LOCK	2.0x 4.0	Ctr Ctr 0.52
C	LOCK	7.0x 6.0	-1.1-4.2 0.90
R	LOCK	4.0x 8.0	Ctr Ctr 0.65
S	LOCK	5.0x 7.0	0.3 0.5 0.85
U	LOCK	3.0x 7.0	Ctr Ctr 0.46
D	LOCK	4.0x 6.0	-0.2 0.1 0.81
E	LOCK	2.0x 4.0	Ctr Ctr 0.64
M	LOCK	4.0x 8.0	Ctr Ctr 0.75
L	LOCK	5.0x 7.0	Ctr-0.5 0.87
K	LOCK	3.0x 7.0	Ctr Ctr 0.54
J	LOCK	5.0x 7.0	Ctr-0.5 0.87
I	LOCK	3.0x 7.0	Ctr Ctr 0.54
H	LOCK	5.0x 7.0	Ctr-0.5 0.87
G	LOCK	4.0x 8.0	Ctr Ctr 0.59
T	LOCK	2.0x 4.0	Ctr Ctr 0.52

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

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

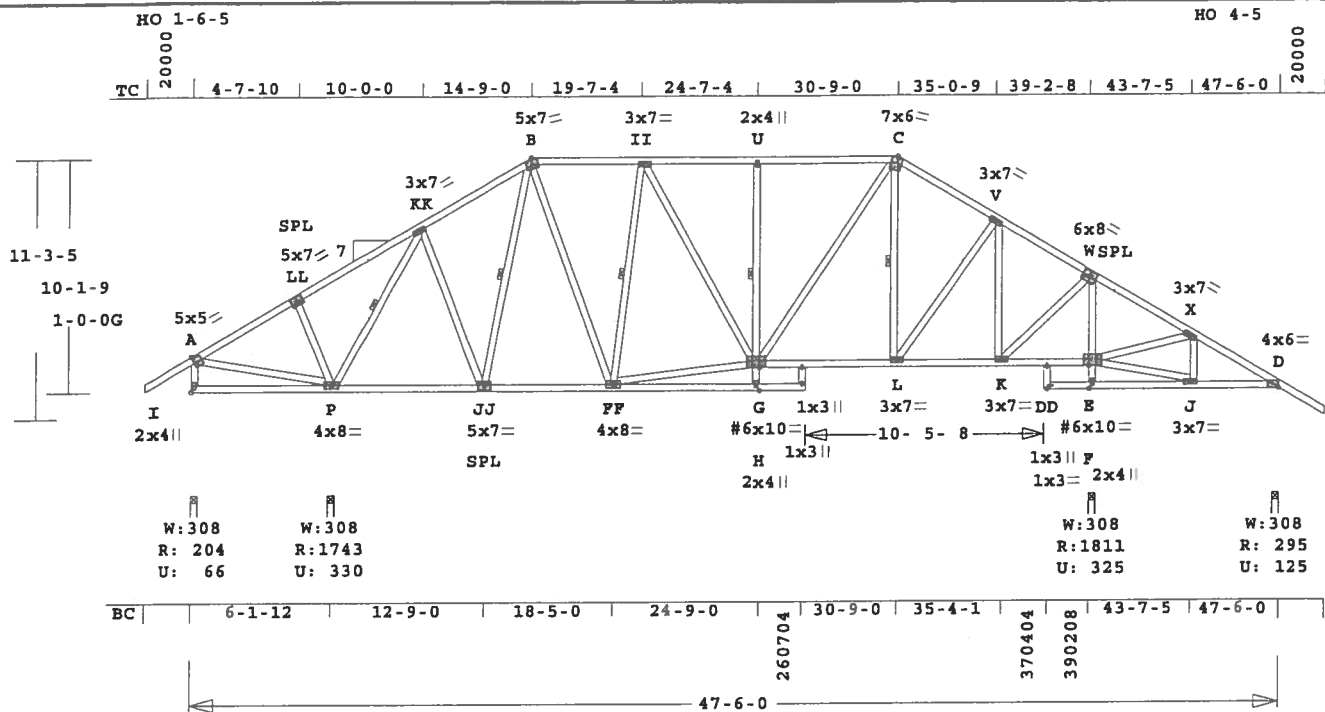
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind 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 2641 Lbs
Quality Control Factor 1.25

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



TF

U# J#TF-BEDENBAUGH BEDENBAUGH



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.119" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 459.8 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

	CSI	-Size-	---Lumber---
TC	0.31	2x 4	SP-#2
BC	0.31	2x 4	SP-#2
CW	0.16	2x 4	SP-#2
WB	0.36	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	14- 9- 0
TC 2- 0-	0 14- 9- 0	30- 9- 0
TC Cont.	30- 9- 0	47- 6- 0
BC Cont.	0- 0- 0	47- 6- 0
WB 1 rows	CLB on P	-KK
WB 1 rows	CLB on JJ-B	
WB 1 rows	CLB on FF-II	
WB 1 rows	CLB on L	-C
WB 1 rows	CLB on G	-U
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
I	205	66	3- 8	1- 8
			Hz =	-234
P	1743	330	3- 8	1-14
F	1812	326	3- 8	1-15
D	296	126	3- 8	1- 8
			Hz =	210

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -LL	0.31	138 T	0.03 0.28
LL-KK	0.31	250 T	0.05 0.26
KK-B	0.26	771 C	0.00 0.26
B -II	0.18	909 C	0.00 0.18
II-U	0.31	1103 C	0.00 0.31
U -C	0.31	1105 C	0.00 0.31
C -V	0.14	965 C	0.00 0.14
V -W	0.18	676 C	0.00 0.18
W -X	0.25	357 T	0.07 0.18

X	D	0.16	142 T	0.00	0.16
-----Bottom Chords-----					
I	-P	0.27	218 T	0.00	0.27
P	-JJ	0.31	475 T	0.04	0.27
JJ	-FF	0.31	729 T	0.07	0.24
FF	-H	0.24	57 C	0.00	0.24
G	-L	0.25	836 T	0.14	0.11
L	-K	0.22	582 T	0.05	0.17
K	-E	0.10	305 C	0.00	0.10
F	-J	0.11	51 C	0.00	0.11
J	-D	0.11	78 T	0.00	0.11
-----Chord-Webs-----					
H	-G	0.11	102 T	0.01	0.10
G	-U	0.05	354 C	0.01	0.04
F	-E	0.16	1776 C	0.16	0.00
E	-W	0.14	1593 C	0.14	0.00
-----Webs-----					
I	-A	0.00	55 T	WindLd	
A	-P	0.05	116 C		
LL	-P	0.06	289 C		
P	-KK	0.32	1481 C		1 Br
KK	-JJ	0.09	505 T		
JJ	-B	0.12	373 C		1 Br
B	-FF	0.09	513 T		
FF	-II	0.16	504 C		1 Br
FF	-G	0.18	994 T		
II	-G	0.04	253 T		
G	-C	0.10	477 T		
L	-C	0.05	221 C		1 Br
L	-V	0.07	424 T		
K	-V	0.36	738 C		
K	-W	0.22	1201 T		
E	-X	0.10	399 C		
E	-J	0.02	120 T		
J	-X	0.02	174 T		

D	LOCK	4.0x	6.0	-0.2	0.1	0.81
I	LOCK	2.0x	4.0	Ctr	Ctr	0.64
P	LOCK	4.0x	8.0	Ctr	Ctr	0.75
JJ	LOCK	5.0x	7.0	Ctr	-0.5	0.87
FF	LOCK	4.0x	8.0	Ctr	Ctr	0.71
H	LOCK	2.0x	4.0	Ctr	Ctr	0.65
G#	LOCK	6.0x	10.0	-0.1	1.2	0.75
L	LOCK	3.0x	7.0	Ctr	Ctr	0.53
K	LOCK	3.0x	7.0	Ctr	Ctr	0.48
E#	LOCK	6.0x	10.0	0.1	1.3	0.76
P	LOCK	2.0x	4.0	Ctr	Ctr	0.70
J	LOCK	3.0x	7.0	Ctr	Ctr	0.94

= Plate Monitor used

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.
NOTE: USER MODIFIED PLATES

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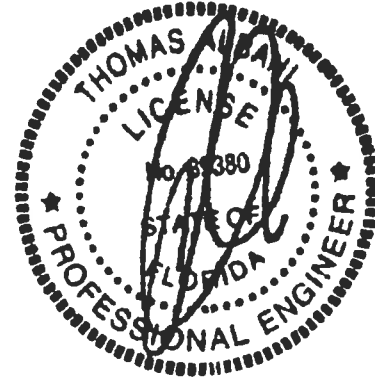
TL Defl  -0.07" in I -P  L/999
LL Defl  -0.04" in G -L  L/999
Shear // Grain in U -C   0.25

```

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			
Plt Type	Plt Size	X	Y	JSI	
A LOCK	5.0x 5.0	Ctr	Ctr	0.89	
LL LOCK	5.0x 7.0	0-3	0.5	0.85	
KK LOCK	3.0x 7.0	1-3	0-7	0.58	
B LOCK	5.0x 7.0	0.5	3-6	0.85	
III LOCK	3.0x 7.0	Ctr	Ctr	0.52	
U LOCK	2.0x 4.0	Ctr	Ctr	0.40	
C LOCK	7.0x 6.0	1-1	4-2	0.89	
V LOCK	3.0x 7.0	Ctr	Ctr	0.50	
W LOCK	6.0x 8.0	Ctr	0.1	0.85	
X LOCK	3.0x 7.0	Ctr	Ctr	0.46	

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
TF-BEDENBAUGH	A3	1	SP	470600	7	2- 0- 0	2- 0- 0	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH								

This design may have plates
selected through a plate
monitor.

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

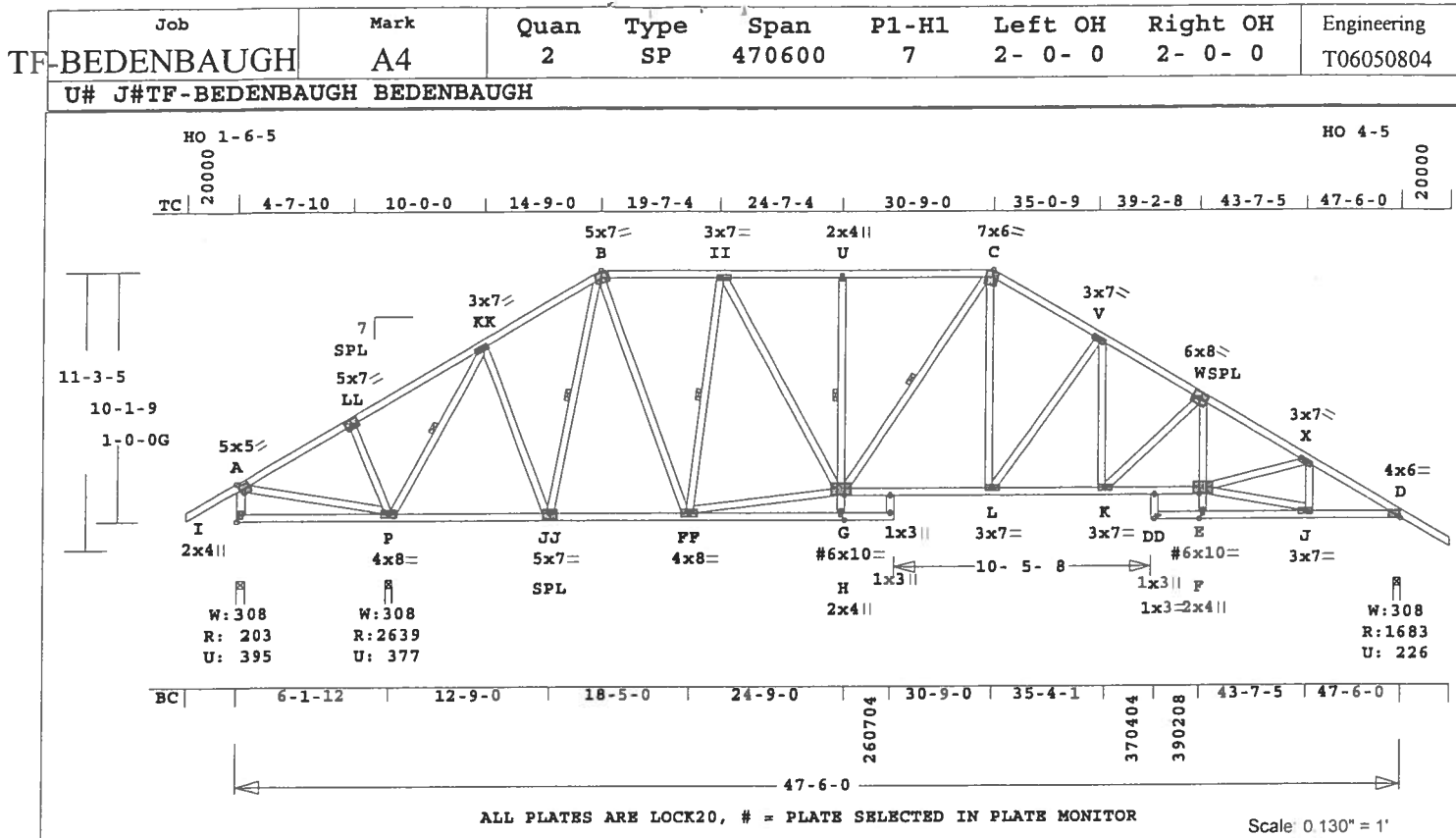
User-defined wind-exposed BC
regions --From-- ---To---

0- 0- 0 6- 1-12

39- 2- 8 47- 6- 0

Max comp. force 1776 Lbs

Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 459.8 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ---Lumber---

TC	0.44	2x 4	SP-#2
BC	0.54	2x 4	SP-#2
CW	0.19	2x 4	SP-#2
WB	0.52	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	14- 9- 0
TC	2- 0- 0	14- 9- 0
TC Cont.	30- 9- 0	47- 6- 0
BC Cont.	0- 0- 0	47- 6- 0

WB 1 rows CLB on P -KK
WB 1 rows CLB on JJ-B
WB 1 rows CLB on FF-II
WB 1 rows CLB on G -C
WB 1 rows CLB on G -U
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
I	203	395G	3- 8	1- 8
P	2639	377	3- 8	2-13
D	1684	226	3- 8	2- 0

H_z = 211

G = Gravity Uplift

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
LL-LK	0.43	817	T	0.14	0.29
LL-KK	0.44	935	T	0.17	0.27
KK-B	0.27	746	C	0.00	0.27
B-II	0.24	1130	C	0.00	0.24
II-U	0.35	1653	C	0.01	0.34
U-C	0.37	1656	C	0.03	0.34
C-V	0.31	1925	C	0.02	0.29
V-W	0.21	2413	C	0.04	0.17
W-X	0.27	2979	C	0.09	0.18

X	-D	0.21	2635	C	0.04	0.17
I	-P	0.29	218	T	0.00	0.29
P	-JJ	0.31	289	T	0.02	0.29
JJ	-FF	0.32	794	T	0.08	0.24
FF	-H	0.24	51	C	0.00	0.24
G	-L	0.37	1666	T	0.27	0.10
L	-K	0.44	2080	T	0.34	0.10
K	-E	0.53	2593	T	0.43	0.10
F	-J	0.13	92	T	0.00	0.13
J	-D	0.54	2263	T	0.38	0.16

Chord Webs

H	-G	0.09	102 <th>T</th> <th>0.01</th> <th>0.08</th>	T	0.01	0.08
G	-U	0.07	375	C	0.01	0.06
F	-E	0.19	81	T	0.00	0.19
E	-W	0.18	477	T	0.08	0.10

Webs

I	-A	0.08	442 <th>T</th> <th>WindLd</th>	T	WindLd
A	-P	0.32	705	C	
LL	-P	0.06	290	C	
P	-KK	0.52	2349	C	1 Br
KK	-JJ	0.17	962 <th>T</th> <td>1 Br</td>	T	1 Br
JJ	-B	0.27	812	C	1 Br
B	-FF	0.17	955 <th>T</th> <td>1 Br</td>	T	1 Br
FF	-II	0.31	966	C	1 Br
FF	-G	0.23	1273	T	1 Br
II	-G	0.14	797	T	1 Br
G	-C	0.03	103	C	1 Br
L	-C	0.12	666	T	1 Br
L	-V	0.50	685	C	1 Br
K	-V	0.10	568	T	1 Br
K	-W	0.26	694	C	1 Br
E	-X	0.06	328	T	1 Br
E	-J	0.41	2226	T	1 Br
J	-X	0.05	461	C	1 Br

TL Defl -0.29" in G -L L/999
LL Defl -0.13" in K -E L/999
Shear // Grain in U -C 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 - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 5.0x 5.0 Ctr Ctr 0.89
LL LOCK 5.0x 7.0-0.3 0.5 0.85
KK LOCK 3.0x 7.0-1.3-0.7 0.69
B LOCK 5.0x 7.0 0.5-3.6 0.85
II LOCK 3.0x 7.0 Ctr Ctr 0.52
U LOCK 2.0x 4.0 Ctr Ctr 0.40
C LOCK 7.0x 6.0-1.1-4.2 0.89
V LOCK 3.0x 7.0 Ctr Ctr 0.50
W LOCK 6.0x 8.0 Ctr 0.1 0.85
X LOCK 3.0x 7.0 Ctr Ctr 0.46

D	LOCK	4.0x	6.0-0.2	0.1	0.81
I	LOCK	2.0x	4.0	Ctr	Ctr 0.64
P	LOCK	4.0x	8.0	Ctr	Ctr 0.75
JJ	LOCK	5.0x	7.0	Ctr	Ctr-0.5 0.87
FF	LOCK	4.0x	8.0	Ctr	Ctr 0.71
H	LOCK	2.0x	4.0	Ctr	Ctr 0.65
G#	LOCK	6.0x10.0	Ctr	1.4	0.77
L	LOCK	3.0x	7.0	Ctr	Ctr 0.53
K	LOCK	3.0x	7.0	Ctr	Ctr 0.48
E#	LOCK	6.0x10.0	0.1	1.4	0.79
F	LOCK	2.0x	4.0	Ctr	Ctr 0.65
J	LOCK	3.0x	7.0	Ctr	Ctr 0.97

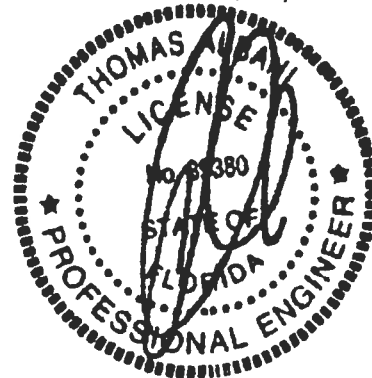
= Plate Monitor used

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.

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
TF-BEDENBAUGH	A4	2	SP	470600	7	2- 0- 0	2- 0- 0	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH								

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

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

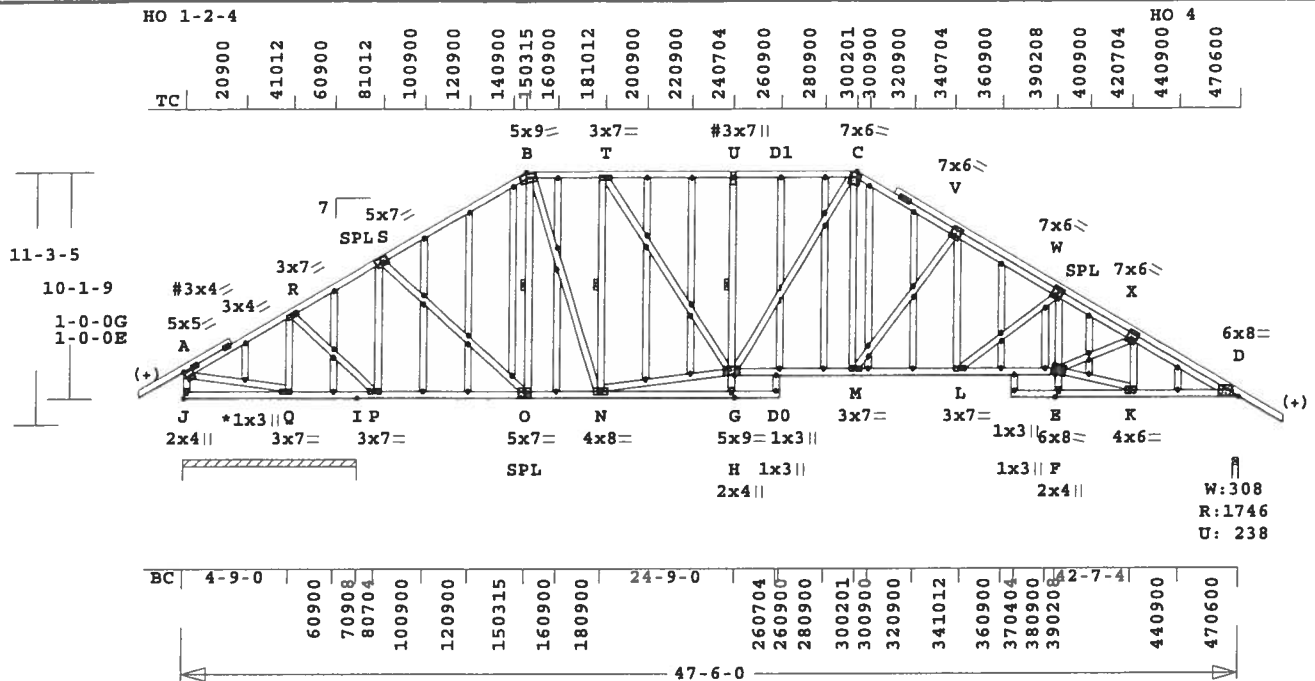
BC Dead Load : 5.0 psf

Max comp. force 2979 Lbs

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
TF-BEDENBAUGH	A5	1	SP	470600	7	0	0	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR
See * For Typical Gable Plate Size and Placement

Scale: 0.116" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 685.5 LBS

Online Plus -- Version 19.0.018
RUN DATE: 06-MAY-06

CSI -Size- ---Lumber---
TC 0.63 2x 4 SP-#2(+)
BC 0.54 2x 4 SP-#2
CW 0.17 2x 4 SP-#2
WB 0.60 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 15-3-15
TC 2-0-0 15-3-15 30-2-1
TC Cont. 30-2-1 47-6-0
BC Cont. 0-0-0 47-6-0
WB 1 rows CLB on O-B
WB 1 rows CLB on N-T
WB 1 rows CLB on G-U
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
Cont. Brg 0-0-0 to 7-9-8
2182 291 Hz = 231
D 1746 238 3-8 2-1
Hz = 213

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A-R 0.37 962 T 0.17 0.20
R-S 0.33 488 C 0.00 0.33
S-B 0.39 1269 C 0.03 0.36
B-T 0.19 1359 C 0.01 0.18
T-U 0.63 1844 C 0.16 0.47
U-C 0.62 1848 C 0.16 0.46
C-B2 0.28 1965 C 0.03 0.25
B2-V 0.08 1110 C 0.00 0.08
B2-V 0.09 1110 C 0.00 0.09
V-W 0.12 1363 C 0.01 0.11
V-W 0.14 1363 C 0.01 0.13
W-X 0.04 1720 C 0.03 0.01
W-X 0.04 1720 C 0.01 0.03

X-D 0.26 2709 C 0.05 0.21
-----Bottom Chords-----
J-Q 0.12 6 T 0.00 0.12
Q-I 0.38 251 C 0.00 0.38
I-P 0.38 820 C 0.00 0.38
P-O 0.24 430 T 0.04 0.20
O-N 0.34 1095 T 0.18 0.16
N-H 0.19 27 C 0.00 0.19
G-M 0.39 1798 T 0.30 0.09
M-L 0.44 2120 T 0.35 0.09
L-E 0.54 2713 T 0.45 0.09
F-X 0.08 64 T 0.01 0.07
K-D 0.51 2327 T 0.39 0.12
-----Chord Webs-----
H-G 0.05 99 T 0.01 0.04
G-U 0.06 221 C 0.00 0.06
F-E 0.05 60 T 0.00 0.05
E-W 0.17 536 T 0.09 0.08
-----Webs-----
J-A 0.09 526 T WindLd
A-Q 0.23 838 C
Q-R 0.39 2133 C
R-P 0.31 1692 T
P-S 0.60 1318 C
S-O 0.16 883 T
O-B 0.14 456 C 1 Br
B-N 0.15 841 T
N-T 0.30 942 C 1 Br
N-G 0.25 1356 T
T-G 0.16 876 T
G-C 0.13 106 T
M-C 0.10 545 T
M-V 0.39 537 C
L-V 0.10 594 T
L-W 0.31 768 C
E-X 0.07 426 T
E-K 0.43 2358 T
K-X 0.07 618 C

TL Defl -0.27" in G-M L/999
LL Defl -0.13" in G-M L/999
Shear // Grain in I-P 0.32

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 5.0x 5.0 Ctr Ctr 0.89
R LOCK 3.0x 7.0 Ctr Ctr 0.97
S LOCK 5.0x 7.0-0.3 0.5 0.85
B LOCK 5.0x 9.0 1.0-3.6 0.83
T LOCK 3.0x 7.0 Ctr Ctr 0.54
U# LOCK 3.0x 7.077.788.8 0.94
C LOCK 7.0x 6.0-1.1-4.2 0.88

B2 LOCK 3.0x 7.0 Ctr Ctr 0.92
V LOCK 7.0x 6.0 0.9 1.5 0.54
W LOCK 7.0x 6.0 0.9 1.5 0.42
X LOCK 7.0x 6.0 0.9 1.5 0.54
D LOCK 6.0x 8.0-4.1 1.1 0.97
J LOCK 2.0x 4.0 Ctr Ctr 0.64
Q LOCK 3.0x 7.0 Ctr Ctr 0.93
P LOCK 3.0x 7.0 Ctr Ctr 0.65
O LOCK 5.0x 7.0 Ctr-0.5 0.87
N LOCK 4.0x 8.0 Ctr Ctr 0.70
H LOCK 2.0x 4.0 Ctr Ctr 0.65
G LOCK 5.0x 9.0 Ctr Ctr 0.8 0.78
M LOCK 3.0x 7.0 Ctr Ctr 0.52
L LOCK 3.0x 7.0 Ctr Ctr 0.47
E LOCK 6.0x 8.0 0.2 0.9 0.75
F LOCK 2.0x 4.0 Ctr Ctr 0.65
K LOCK 4.0x 6.0 Ctr Ctr 0.79

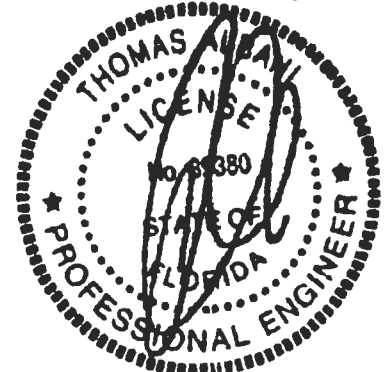
= Plate Monitor used
28 Gable studs to be attached
with 2.0x4.0 plates each end.

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.

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



TF	Job BEDENBAUGH	Mark A5	Quan 1	Type SP	Span 470600	P1-H1 7	Left OH 0	Right OH 0	Engineering T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH									

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.

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 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

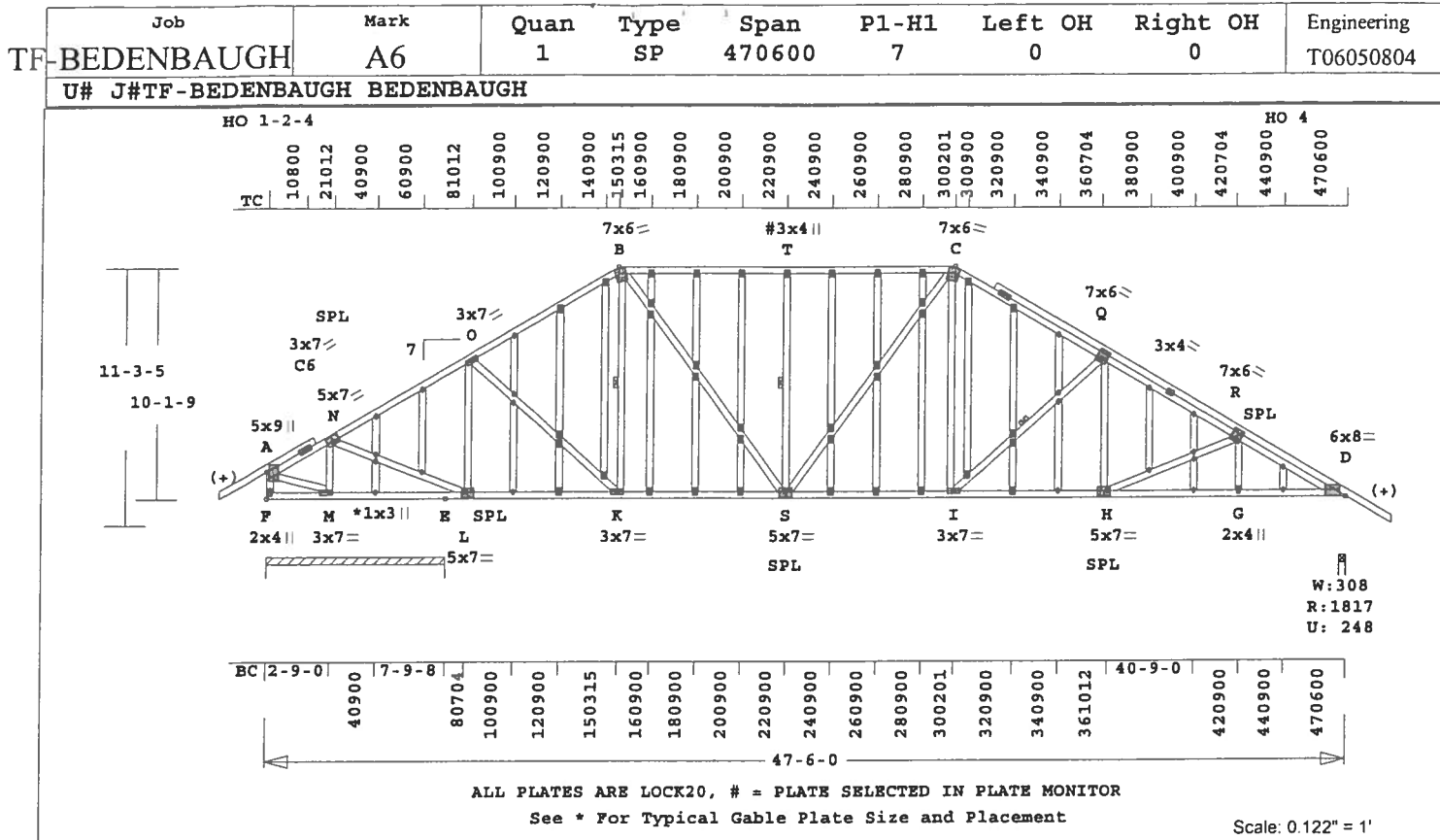
Zone location: Exterior

TC Dead Load : 5.0 psf

BC Dead Load : 5.0 psf

Max comp. force 2709 Lbs

Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 650.7 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ----Lumber-----
TC 0.61 2x 4 SP-#2(+)
BC 0.55 2x 4 SP-#2
WB 0.47 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 15- 3-15
TC 2- 0- 0 15- 3-15 30- 2- 1
TC Cont. 30- 2- 1 47- 6- 0
BC Cont. 0- 0- 0 47- 6- 0
WB 1 rows CLB on K -B
WB 1 rows CLB on S -T
WB 1 rows CLB on I -Q
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
Cont. Brg 0- 0- 0 to 7- 9- 8
2238 303 Hz = 226
D 1818 248 3- 8 2- 2
Hz = 210

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -C6 0.12 496 T 0.08 0.04
A -C6 0.13 496 T 0.08 0.05
C6-N 0.34 908 T 0.15 0.19
N -O 0.37 1016 C 0.00 0.37
O -B 0.38 1543 C 0.01 0.37
B -T 0.61 1776 C 0.01 0.60
T -C 0.61 1776 C 0.01 0.60
C -B0 0.41 1913 C 0.04 0.37
B0-Q 0.06 1099 C 0.00 0.06
B0-Q 0.06 1099 C 0.00 0.06
Q -R 0.14 1346 C 0.01 0.13
Q -R 0.15 1346 C 0.01 0.14
R -D 0.26 2855 C 0.05 0.21
-----Bottom Chords-----

F -M 0.07 7 T 0.00 0.07
M -E 0.51 189 C 0.00 0.51
E -L 0.51 811 C 0.00 0.51
L -K 0.39 881 T 0.14 0.25
K -S 0.45 1330 T 0.22 0.23
S -I 0.45 1748 T 0.18 0.27
I -H 0.49 2107 T 0.35 0.14
H -G 0.55 2455 T 0.41 0.14
G -D 0.55 2455 T 0.41 0.14
-----Webs-----
F -A 0.13 750 T WindLd
A -M 0.11 906 C
M -N 0.22 1898 C
N -L 0.33 1830 T
L -O 0.47 1049 C
O -K 0.11 598 T
K -B 0.07 217 C 1 Br
B -S 0.18 748 T
S -T 0.16 500 C 1 Br
T -C 0.17 102 T
I -C 0.08 521 T
I -Q 0.13 486 C 1 Br
H -Q 0.06 393 T
H -R 0.19 383 C
G -R 0.02 179 T

TL Defl -0.27" in S -I L/999
LL Defl -0.12" in S -I L/999
Shear // Grain in E -L 0.52

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 5.0x 9.0 Ctr 1.6 0.77
C6 LOCK 3.0x 7.0 Ctr Ctr 0.92
N LOCK 5.0x 7.0-0.3 0.5 0.85
O LOCK 3.0x 7.0 Ctr Ctr 0.46
B LOCK 7.0x 6.0 1.1-4.2 0.89
T# LOCK 3.0x 4.0 Ctr Ctr 0.35
C LOCK 7.0x 6.0-1.1-4.2 0.89
B0 LOCK 3.0x 7.0 Ctr Ctr 0.92
Q LOCK 7.0x 6.0 0.9 1.5 0.54
R LOCK 7.0x 6.0 0.9 1.5 0.54
D LOCK 6.0x 8.0-4.1 1.1 0.97
F LOCK 2.0x 4.0 Ctr Ctr 0.81
M LOCK 3.0x 7.0 Ctr Ctr 0.95
L LOCK 5.0x 7.0 Ctr-0.5 0.90
K LOCK 3.0x 7.0 Ctr Ctr 0.48
S LOCK 5.0x 7.0 Ctr-0.5 0.87
I LOCK 3.0x 7.0 Ctr Ctr 0.48
H LOCK 5.0x 7.0 Ctr-0.5 0.87
G LOCK 2.0x 4.0 Ctr Ctr 0.52

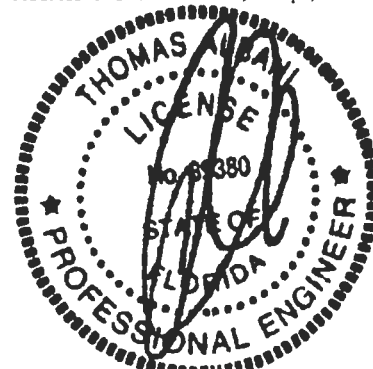
= Plate Monitor used
29 Gable studs to be attached
with 2.0x4.0 plates each end.

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

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

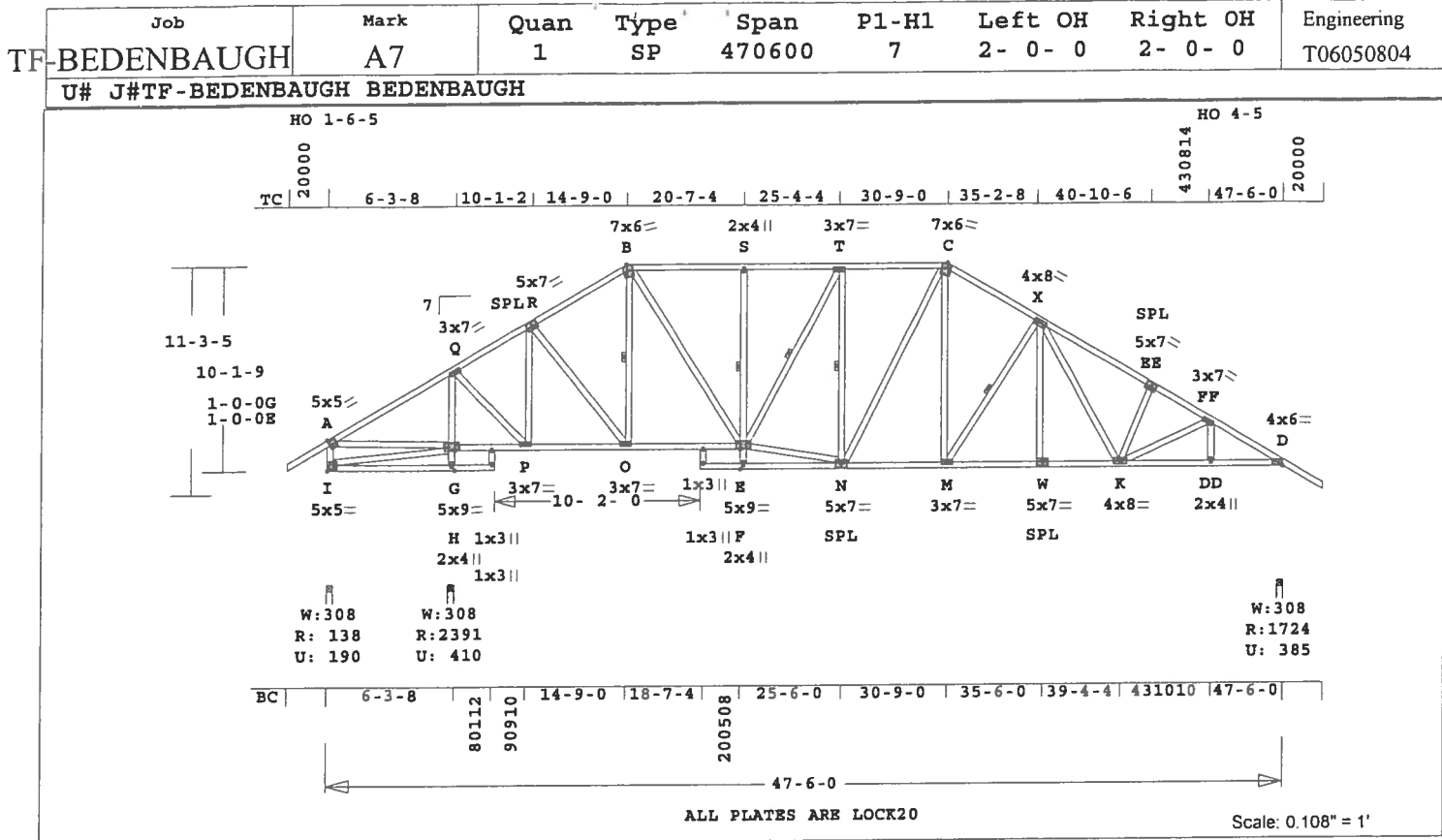
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms to:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
Refer to Gen Det 3 series for
web bracing and plating.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

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



TF-BEDENBAUGH	Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
		A6	1	SP	470600	7	0	0	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH									

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 2855 Lbs
 Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 474.9 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ---Lumber---

TC	0.50	2x 4	SP-#2
BC	0.53	2x 4	SP-#2
CW	0.23	2x 4	SP-#2
WB	0.51	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0-0-0	14-9-0
TC	2-0-0	14-9-0
TC Cont.	30-9-0	47-6-0
BC Cont.	0-0-0	47-6-0
WB	1 rows	CLB on O-B
WB	1 rows	CLB on E-T
WB	1 rows	CLB on N-T
WB	1 rows	CLB on M-X
WB	1 rows	CLB on E-S

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
I	138	190G	3-8	1-8
				Hx = -234
H	2391	410	3-8	2-9
D	1724	385	3-8	2-1
				Hx = 210

G = Gravity Uplift

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A-Q	0.50	740	T	0.13	0.37
Q-R	0.37	669	C	0.00	0.37
R-B	0.18	1230	C	0.01	0.17
B-S	0.27	1573	C	0.03	0.24
S-T	0.27	1570	C	0.01	0.26
T-C	0.28	1597	C	0.03	0.25
C-X	0.24	1813	C	0.01	0.23
X-EE	0.33	2424	C	0.08	0.25
EE-PF	0.26	2520	C	0.04	0.22

PF-D	0.22	2689	C	0.04	0.18
-----Bottom Chords-----					
I-H	0.28	56	C		
G-P	0.11	624	C	0.00	0.11
P-O	0.22	561	T	0.05	0.17
O-E	0.29	1068	T	0.17	0.12
F-N	0.16	37	C	0.00	0.16
N-M	0.36	1561	T	0.26	0.10
M-W	0.37	1878	T	0.31	0.06
W-K	0.36	1878	T	0.31	0.05
K-DD	0.48	2300	T	0.38	0.10
DD-D	0.53	2300	T	0.38	0.15
-----Chord Webs-----					
H-G	0.21	2331	C	0.21	0.00
G-Q	0.23	2241	C	0.23	0.00
F-E	0.07	76	T	0.01	0.06
E-S	0.04	320	C	0.00	0.04
-----Webs-----					
I-A	0.04	269	T	WindLd	
I-G	0.03	231	T		
A-G	0.28	625	C		
Q-P	0.30	1676	T		
P-R	0.51	1117	C		
R-O	0.14	789	T		
O-B	0.12	483	C		1 Br
B-E	0.19	926	T		
E-T	0.01	65	T		1 Br
E-N	0.29	1615	T		
N-T	0.08	277	C		1 Br
N-C	0.10	92	T		
M-C	0.14	564	T		
M-X	0.13	562	C		1 Br
W-X	0.02	167	T		
X-K	0.15	448	T		
K-EE	0.06	268	C		
K-PF	0.03	121	C		
DD-PF	0.01	120	T		

TL Defl -0.14" in I-H L/503
LL Defl -0.11" in M-W L/999
Shear // Grain in A-Q 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 5.0x 5.0 Ctr Ctr 0.89
Q LOCK 3.0x 7.0 Ctr Ctr 1.00
R LOCK 5.0x 7.0-0.3 0.5 0.85
B LOCK 7.0x 6.0 1.1-4.2 0.88
S LOCK 2.0x 4.0 Ctr Ctr 0.40
T LOCK 3.0x 7.0 Ctr Ctr 0.56
C LOCK 7.0x 6.0-1.1-4.2 0.92
X LOCK 4.0x 8.0 Ctr Ctr 0.65

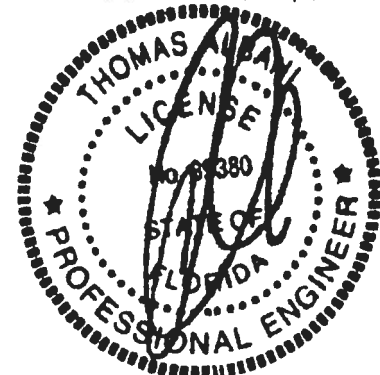
EE LOCK	5.0x	7.0	0.3	0.5	0.85
FF LOCK	3.0x	7.0	Ctr	Ctr	0.46
D LOCK	4.0x	6.0	0.2	0.1	0.81
I LOCK	5.0x	5.0	Ctr	Ctr	0.78
H LOCK	2.0x	4.0	Ctr	Ctr	0.92
G LOCK	5.0x	9.0	Ctr	1.5	0.94
P LOCK	3.0x	7.0	Ctr	Ctr	0.68
O LOCK	3.0x	7.0	Ctr	Ctr	0.51
E LOCK	5.0x	9.0	Ctr	0.7	0.80
F LOCK	2.0x	4.0	Ctr	Ctr	0.65
N LOCK	5.0x	7.0	Ctr	0.5	0.87
M LOCK	3.0x	7.0	Ctr	Ctr	0.54
W LOCK	5.0x	7.0	Ctr	0.5	0.87
K LOCK	4.0x	8.0	Ctr	Ctr	0.59
DD LOCK	2.0x	4.0	Ctr	Ctr	0.52

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-

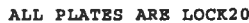
Truss Design Engineer: Thomas A. Albani
License #: 39380
Address: P.O. Box 280055, Tampa, FL 33682



TF-BEDENBAUGH	Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
		A7	1	SP	470600	7	2- 0- 0	2- 0- 0	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH									

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
 User-defined wind-exposed BC
 regions --From-- ---To---
 0- 0- 0 6- 3- 8
 39- 4- 4 47- 6- 0
 Max comp. force 2689 Lbs
 Quality Control Factor 1.25

U# J#TF-BEDENBAUGH BEDENBAUGH



Scale: 0.108" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 474.9 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.28	2x 4	SP-#2
CW	0.15	2x 4	SP-#2
WB	0.34	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	14- 9- 0
TC 2- 0-	0 14- 9- 0	0 30- 9- 0
TC Cont.	30- 9- 0	47- 6- 0
BC Cont.	0- 0- 0	47- 6- 0
WB 1 rows	CLB on O	- B
WB 1 rows	CLB on N	- T
WB 1 rows	CLB on M	- C
WB 1 rows	CLB on X	- K
WB 1 rows	CLB on E	- S
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
I	209	105	3- 8	1- 8
			H _z =	-234
H	1723	278	3- 8	1-13
K	1818	359	3- 8	1-15
D	303	104	3- 8	1- 8
			H _z =	210

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -Q	0.41	251 T	0.05 0.36
Q -R	0.36	691 C	0.00 0.36
R -B	0.18	989 C	0.01 0.17
B -S	0.27	1110 C	0.00 0.27
S -T	0.27	1108 C	0.00 0.27
T -C	0.22	979 C	0.00 0.22
C -X	0.25	871 C	0.00 0.25
X -EE	0.31	314 T	0.06 0.25
EE-FF	0.27	216 T	0.04 0.23

FF-D	0.09	116 T	0.00	0.09
-----Bottom Chords-----				
I -H	0.28	41 C		
G -P	0.08	201 C	0.00	0.08
P -O	0.22	582 T	0.05	0.17
O -E	0.25	858 T	0.14	0.11
F -N	0.15	49 C	0.00	0.15
N -M	0.22	747 T	0.07	0.15
M -W	0.17	483 T	0.04	0.13
W -K	0.17	483 T	0.08	0.09
K -DD	0.12	97 T	0.00	0.12
DD-D	0.09	97 T	0.00	0.09
-----Chord-Webs-----				
H -G	0.15	1663 C	0.15	0.00
G -Q	0.14	1603 C	0.14	0.00
F -E	0.09	77 T	0.01	0.08
E -S	0.04	331 C	0.00	0.04
-----Webs-----				
I -A	0.01	66 T	WindLd	
I -G	0.03	227 T		
A -G	0.09	203 C		
Q -P	0.20	1108 T		
P -R	0.32	708 C		
R -O	0.07	431 T		
O -B	0.05	211 C		1 Br
B -E	0.10	462 T		
E -T	0.04	265 T		
E -N	0.18	1000 T		
N -T	0.17	537 C		1 Br
N -C	0.12	504 T		
M -C	0.09	288 C		1 Br
M -X	0.08	471 T		
W -X	0.02	158 T		
X -K	0.34	1571 C		1 Br
K -EE	0.05	248 C		
K -FF	0.08	269 C		
DD-FF	0.02	174 T		

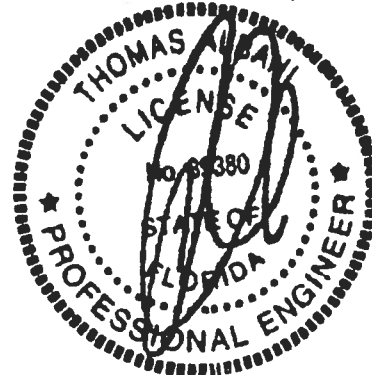
EE LOCK	5.0x	7.0	0.3	0.5	0.85
FF LOCK	3.0x	7.0	Ctr	Ctr	0.86
D LOCK	4.0x	6.0-0.2	0.1	0.81	
I LOCK	5.0x	5.0	Ctr	Ctr	0.78
H LOCK	2.0x	4.0	Ctr	Ctr	0.66
G LOCK	5.0x	9.0	Ctr	1.5	0.94
P LOCK	3.0x	7.0	Ctr	Ctr	0.49
O LOCK	3.0x	7.0	Ctr	Ctr	0.51
E LOCK	5.0x	9.0	Ctr	0.7	0.80
F LOCK	2.0x	4.0	Ctr	Ctr	0.65
N LOCK	5.0x	7.0	Ctr-0.5	0.87	
M LOCK	3.0x	7.0	Ctr	Ctr	0.54
W LOCK	5.0x	7.0	Ctr-0.5	0.87	
K LOCK	4.0x	8.0	Ctr	Ctr	0.59
DD LOCK	2.0x	4.0	Ctr	Ctr	0.52

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

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

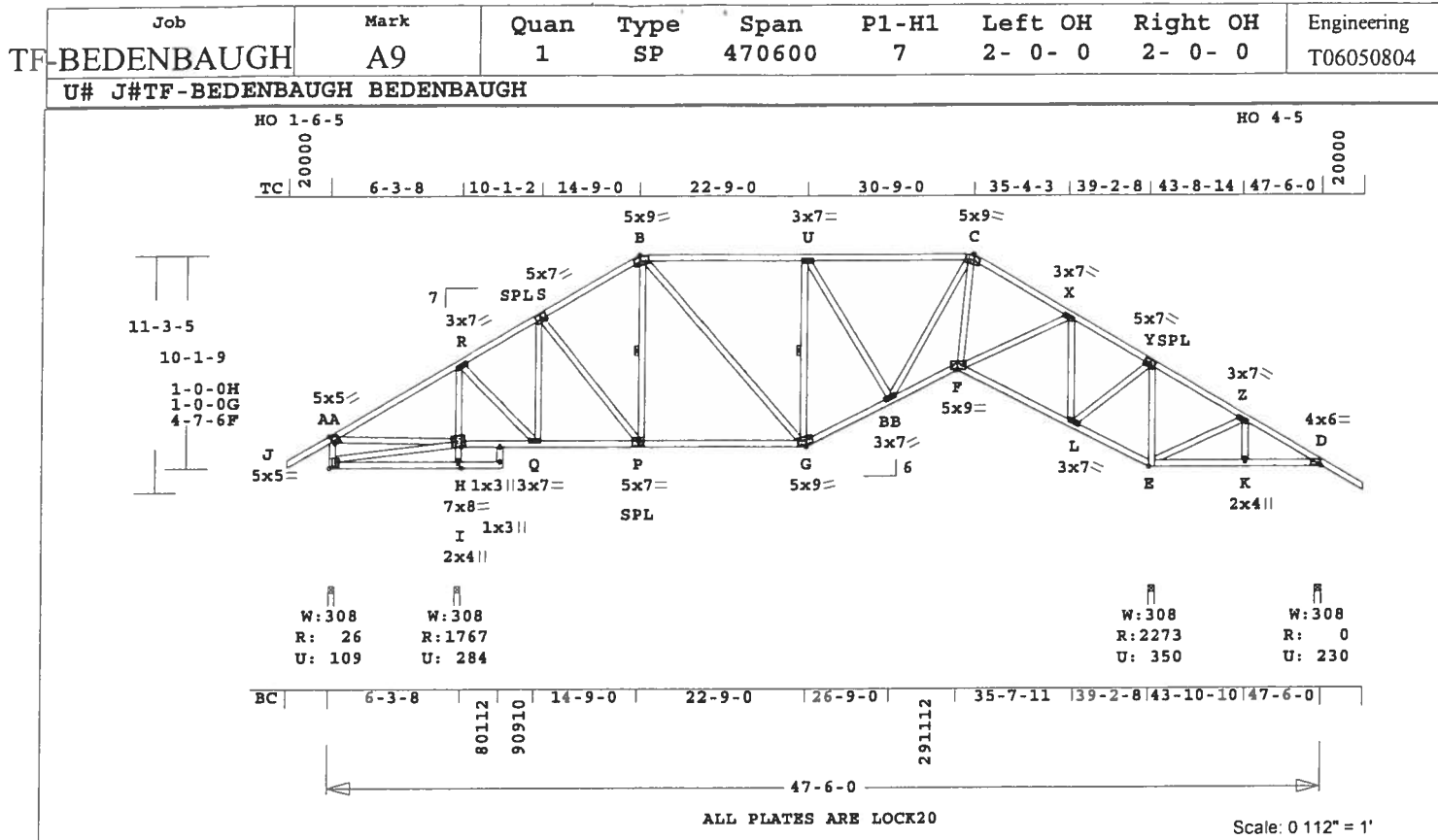
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-

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
TF-BEDENBAUGH	A8	3	SP	470600	7	2- 0- 0	2- 0- 0	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH								

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
 User-defined wind-exposed BC
 regions --From-- ---To---
 0- 0- 0 6- 3- 8
 39- 4- 4 47- 6- 0
 Max comp. force 1663 Lbs
 Quality Control Factor 1.25



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 415.7 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ----Lumber-----
TC 0.71 2x 4 SP-#2
BC 0.48 2x 4 SP-#2
CW 0.15 2x 4 SP-#2
WB 0.52 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 14- 9- 0
TC 2- 0- 0 14- 9- 0 30- 9- 0
TC Cont. 30- 9- 0 47- 6- 0
BC Cont. 0- 0- 0 47- 6- 0
WB 1 rows CLB on P -B
WB 1 rows CLB on G -U
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
J 26 110 3- 8 1- 8
Hz = -236
I 1768 284 3- 8 1-14
E 2274 351 3- 8 1- 8
D 0 230 3- 8 1- 8
Hz = 211

Membr CSI P Lbs Axl-CSt-Bnd
-----Top Chords-----
AA-R 0.44 432 T 0.08 0.36
R -S 0.36 531 C 0.00 0.36
S -B 0.19 853 C 0.00 0.19
B -U 0.71 982 C 0.00 0.71
U -C 0.71 1044 C 0.00 0.71
C -X 0.28 1228 C 0.00 0.28
X -Y 0.18 234 C 0.00 0.18
Y -Z 0.35 978 T 0.17 0.18
Z -D 0.32 673 T 0.12 0.20
-----Bottom Chords-----
J -I 0.28 50 C
H -Q 0.09 357 C 0.00 0.09

Q -P 0.35 442 T 0.04 0.31
P -G 0.38 744 T 0.07 0.31
G -BB 0.38 1094 T 0.18 0.20
BB -F 0.30 1209 T 0.20 0.10
F -L 0.18 218 T 0.01 0.17
L -E 0.20 879 C 0.00 0.20
E -K 0.48 560 C 0.00 0.48
K -D 0.11 560 C 0.00 0.11

-----Chord-Webs-----
I -H 0.15 1707 C 0.15 0.00
H -R 0.15 1632 C 0.15 0.00

-----Webs-----
J -AA 0.02 133 T WindLd
J -H 0.03 232 T
AA -H 0.16 359 C
R -Q 0.20 1131 T
Q -S 0.34 744 C
S -P 0.08 470 T
P -B 0.05 201 C 1 Br
B -G 0.14 359 T
G -U 0.16 631 C 1 Br
U -BB 0.02 139 T
BB -C 0.10 138 C
F -C 0.05 359 T
F -X 0.17 955 T
L -X 0.39 1119 C
L -Y 0.23 1260 T
E -Y 0.52 1630 C
E -Z 0.09 317 C
K -Z 0.01 125 T

TL Defl -0.14" in J -I L/503
LL Defl -0.07" in J -I L/999
Hz Disp LL DL TL
Jt E 0.05" 0.05" 0.09"
Shear // Grain in U -C 0.35

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
AA LOCK 5.0x 5.0 Ctr Ctr 0.89
R LOCK 3.0x 7.0 Ctr Ctr 0.72
S LOCK 5.0x 7.0-0.3 0.5 0.85
B LOCK 5.0x 9.0 1.0-3.6 0.75
U LOCK 3.0x 7.0 Ctr Ctr 0.55
C LOCK 5.0x 9.0-1.0-3.6 0.77
X LOCK 3.0x 7.0 Ctr Ctr 0.46
Y LOCK 5.0x 7.0 0.3 0.5 0.85
Z LOCK 3.0x 7.0 Ctr Ctr 0.46
D LOCK 4.0x 6.0-0.2 0.1 0.81
J LOCK 5.0x 5.0 Ctr Ctr 0.78
I LOCK 2.0x 4.0 Ctr Ctr 0.67
H LOCK 7.0x 8.0 Ctr 1.7 0.95

Q LOCK 3.0x 7.0 Ctr Ctr 0.49
P LOCK 5.0x 7.0 Ctr-0.5 0.87
G LOCK 5.0x 9.0-0.8 3.5 0.75
BB LOCK 3.0x 7.0 Ctr Ctr 0.54
F LOCK 5.0x 9.0 0.5-1.4 0.75
L LOCK 3.0x 7.0 Ctr Ctr 0.65
E 1.90
K LOCK 2.0x 4.0 Ctr Ctr 0.52

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
Run vertical thru bottom chord
Joint E
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

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



TF	Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
	BEDENBAUGH	A9	1	SP	470600	7	2- 0- 0	2- 0- 0	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH									

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
 User-defined wind-exposed BC
 regions --From-- ---To---
 0- 0- 0 6- 3- 8
 39- 2- 8 47- 6- 0
 Max comp. force 1707 Lbs
 Quality Control Factor 1.25

TF-BEDENBAUGH

Mark
A10

Qua
4

Type
SP

Span
470600

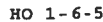
P1-H1
7

Left OH
2- 0- 0

Right OH
2- 0- 0

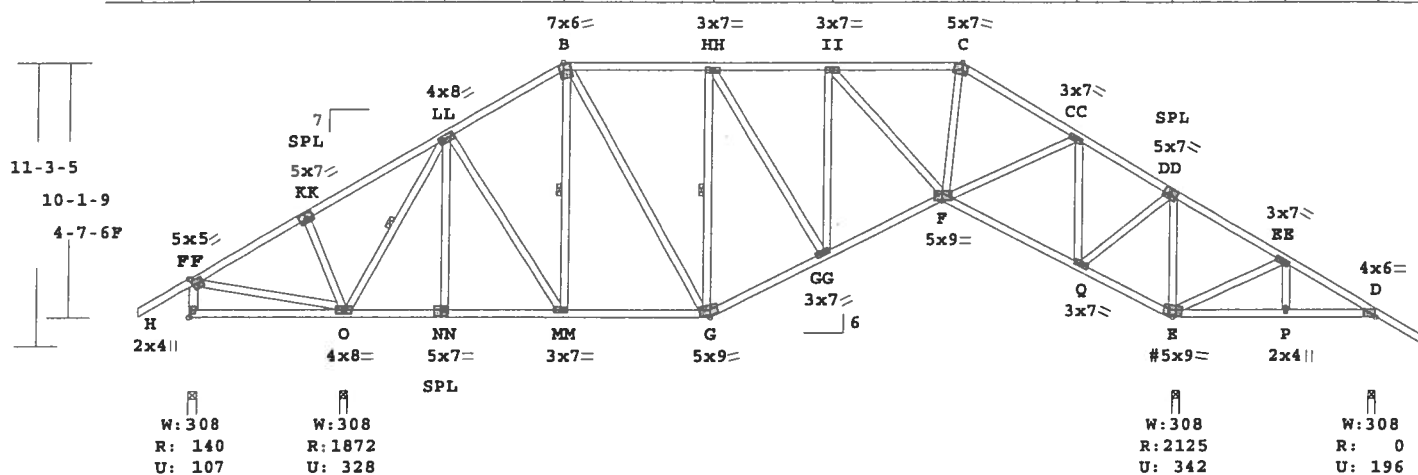
Engineering
T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



HO 4-5

TC	2	4-7-10	10-0-0	14-9-0	20-9-0	25-6-2	30-9-0	35-4-3	39-2-8	43-8-14	47-6-0	2
----	---	--------	--------	--------	--------	--------	--------	--------	--------	---------	--------	---



ALL PLATES ARE LOCK20, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.130" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 424.7 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

	CSI	-Size-	----Lumber----
TC	0.37	2x 4	SP-#2
BC	0.44	2x 4	SP-#2
WB	0.50	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0 - 0 - 0	14 - 9 - 0	14 - 9 - 0
TC 2 - 0 - 0	14 - 9 - 0	30 - 9 - 0	30 - 9 - 0
TC Cont.	30 - 9 - 0	47 - 6 - 0	47 - 6 - 0
BC Cont.	0 - 0 - 0	47 - 6 - 0	47 - 6 - 0
WB 1 rows	CLB on O	-LL	
WB 1 rows	CLB on MM-B		
WB 1 rows	CLB on G	-HH	

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 Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
H	141	108	3- 8	1- 8
			H ₂ =	-236
O	1873	329	3- 8	2- 0
E	2125	342	3- 8	1- 8
D	0	197	3- 8	1- 8
			H ₂ =	211

Member	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
FF-KK	0.37	358	T	0.07	0.30
KK-LL	0.36	476	T	0.06	0.30
LL-B	0.23	737	C	0.00	0.23
B -HH	0.26	847	C	0.00	0.26
HH-II	0.26	1085	C	0.00	0.26
I-X	0.23	1167	C	0.00	0.23
C -CC	0.17	1310	C	0.01	0.16
CC-DD	0.17	377	C	0.00	0.17
DD-EE	0.32	783	T	0.12	0.20
EE-D	0.28	478	T	0.08	0.20
-----Bottom Chords-----					
H -O	0.23	220	T	0.00	0.23
O -NN	0.26	341	T	0.03	0.23
NN-MM	0.22	341	T	0.03	0.19

MM-G	0.25	633	T	0.06	0.19
G -GG	0.30	949	T	0.15	0.15
GG-F	0.27	1210	T	0.20	0.07
F -Q	0.20	358	T	0.03	0.17
Q -E	0.18	694	C	0.00	0.18
E -P	0.44	393	C	0.00	0.44
P -D	0.10	393	C	0.00	0.10
-----Webs-----					
H -FF	0.02	171	T	WindLd	
FF-O	0.13	299	C		
KK-O	0.07	298	C		
O -LL	0.35	1593	C		1 Br
NN-LL	0.01	117	T		
LL-MM	0.09	521	T		
MM-B	0.09	296	C		1 Br
B -G	0.12	425	T		
G -HH	0.22	691	C		1 Br
HH-GG	0.07	430	T		
GG-II	0.28	396	C		
II-F	0.02	139	T		
F -C	0.06	386	T		
F -CC	0.16	879	T		
Q -CC	0.37	1068	C		
Q -DD	0.22	1210	T		
E -DD	0.50	1566	C		
E -EE	0.09	316	C		
P -EE	0.01	127	T		

TL Defl	-0.08"	in H	-O	L/853
LL Defl	-0.04"	in H	-O	L/999
Hz Disp	LL	DL	TL	
Jt E	0.04"	0.04"	0.08"	
Shear //	Grain	in B	-HH	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	Type	LOCK	20 Ga,	Gross	Area
Jt	Plate	RHS	20 Ga,	Gross	Area
	Type	Plt	Size	X	Y
					JSI
FF	LOCK	5.0x	5.0	Ctr	Ctr
KK	LOCK	5.0x	7.0	0-3	0.5
LL	LOCK	4.0x	8.0	Ctr	Ctr
B	LOCK	7.0x	6.0	1.1-4.2	0.91
HH	LOCK	3.0x	7.0	Ctr	Ctr
II	LOCK	3.0x	7.0	Ctr	Ctr
C	LOCK	5.0x	7.0	0-9-3-3	0.50
CC	LOCK	3.0x	7.0	Ctr	Ctr
DD	LOCK	5.0x	7.0	0.3	0.5
EE	LOCK	3.0x	7.0	Ctr	Ctr
D	LOCK	4.0x	6.0	0-2	0.1
H	LOCK	2.0x	4.0	Ctr	Ctr
O	LOCK	4.0x	8.0	Ctr	Ctr
NN	LOCK	5.0x	7.0	Ctr	0-5
MM	LOCK	3.0x	7.0	Ctr	Ctr
G	LOCK	5.0x	9.0	0-8	3.5
GG	LOCK	3.0x	7.0	Ctr	Ctr
F	LOCK	5.0x	9.0	0.5-1.4	0.76

Q	LOCK	3.0x	7.0	Ctr	Ctr	0.62
E#	LOCK	5.0x	9.0	0.2	1.4	0.77
P	LOCK	2.0x	4.0	Ctr	Ctr	0.52

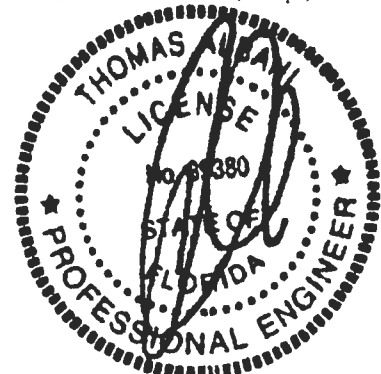
= Plate Monitor used

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
Run vertical thru bottom chord
Joint E
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph

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

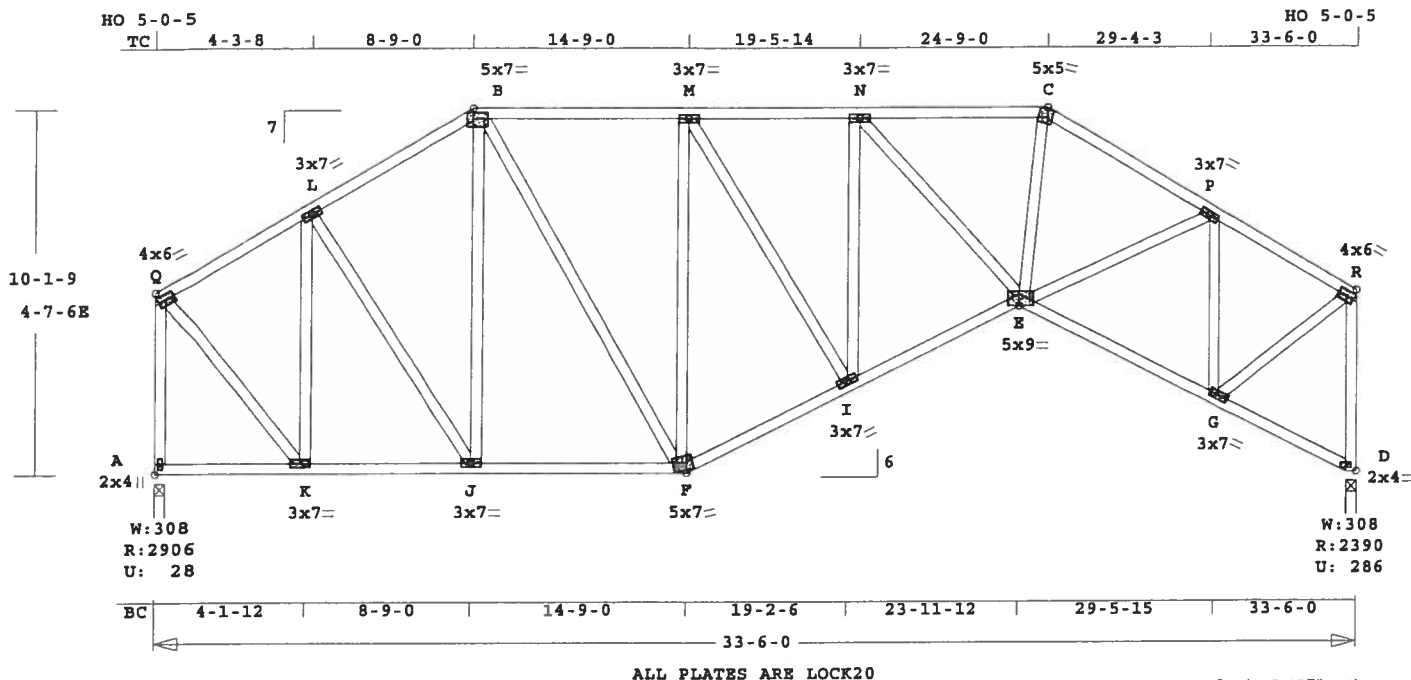


TF-BEDENBAUGH	Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
		A10	4	SP	470600	7	2- 0- 0	2- 0- 0	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH									

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
 User-defined wind-exposed BC
 regions --From-- ---To---
 0- 0- 0 6- 1-12
 39- 2- 8 47- 6- 0
 Max comp. force 1593 Lbs
 Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
TF-BEDENBAUGH	AG1	2*2P	SP	330600	7	0	0	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



ALL PLATES ARE LOCK20

Scale: 0.187" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 331.3 LBS

Tampa, FL 33682

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

* 2-Ply Truss *

CSI -Size- ---Lumber---
TC 0.34 2x 4 SP-#2
BC 0.39 2x 4 SP-#2
WB 0.24 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	2- 0- 0	0- 0- 0	8- 9- 0
TC	2- 0- 0	8- 9- 0	24- 9- 0
TC	2- 0- 0	24- 9- 0	33- 6- 0
BC	2- 0- 0	0- 0- 0	33- 6- 0

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

Total 20.0 20.0 40.0
Spacing 42.0"
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 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
plf - Live Dead From To
TC V 70 35 0.0' 33.5'
BC V 0 35 0.0' 33.5'
TC V 0 140 0.0' 8.8'

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	2906	28	3- 8	1-11
			Hz =	-446
D	2391	286	3- 8	1- 8
			Hz =	446

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
Q -L 0.34 1557 C 0.00 0.34
L -B 0.34 1971 C 0.00 0.34
B -M 0.27 2047 C 0.00 0.27
M -N 0.28 2632 C 0.01 0.27
N -C 0.25 3096 C 0.02 0.23
C -P 0.22 3446 C 0.02 0.20
P -R 0.16 1844 C 0.00 0.16
-----Bottom Chords-----

A -K	0.09	337	T	0.00	0.09
K -J	0.25	1371	T	0.08	0.17
J -F	0.28	1676	T	0.15	0.13
F -I	0.38	2292	T	0.20	0.18
I -E	0.39	2930	T	0.27	0.12
E -G	0.28	1807	T	0.17	0.11
G -D	0.12	381	T	0.00	0.12

-----Webs-----					
A -Q	0.16	2842	C	WindLd	
Q -K	0.19	2141	T		
K -L	0.14	1496	C		
L -J	0.05	546	T		
J -B	0.03	223	C		
B -F	0.06	735	T		
F -M	0.24	1482	C		
M -I	0.09	1072	T		
I -N	0.10	1035	C		
N -E	0.06	677	T		
E -C	0.11	1214	T		
E -P	0.13	1488	T		
G -P	0.11	1865	C		
G -R	0.18	2021	T		
D -R	0.14	2336	C	WindLd	

TL Defl -0.16" in I -E L/999
LL Defl -0.07" in I -E L/999
Hz Disp LL DL TL
Jt D 0.06" 0.06" 0.12"
Shear // Grain in Q -L 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
Q LOCK	4.0x	6.0	0.1 0.1 0.70
L LOCK	3.0x	7.0	Ctr Ctr 0.46
B LOCK	5.0x	7.0-0.5-0.3	0.99
M LOCK	3.0x	7.0	Ctr Ctr 0.49
N LOCK	3.0x	7.0	Ctr Ctr 0.45
C LOCK	5.0x	5.0-0.8-3.1	0.62
P LOCK	3.0x	7.0	Ctr Ctr 0.41
R LOCK	4.0x	6.0-0.1	0.1 0.70
A LOCK	2.0x	4.0	Ctr Ctr 0.47
K LOCK	3.0x	7.0	Ctr Ctr 0.48
J LOCK	3.0x	7.0	Ctr Ctr 0.49
F LOCK	5.0x	7.0-1.3	3.2 0.77
I LOCK	3.0x	7.0	Ctr Ctr 0.48
E LOCK	5.0x	9.0	0.5-1.4 0.64
G LOCK	3.0x	7.0	Ctr Ctr 0.52
D LOCK	2.0x	4.0	Ctr Ctr 0.82

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

NOTES:

Trusses Manufactured by:

Mayo Truss Co. Inc.

Analysis Conforms To:

FBC2004

2 COMPLETE TRUSSES REQUIRED.

Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails
as each layer is applied.)

-----Spacing (in)-----

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

Provide connection to bearing
for 446 Lbs Horiz Reaction
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

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

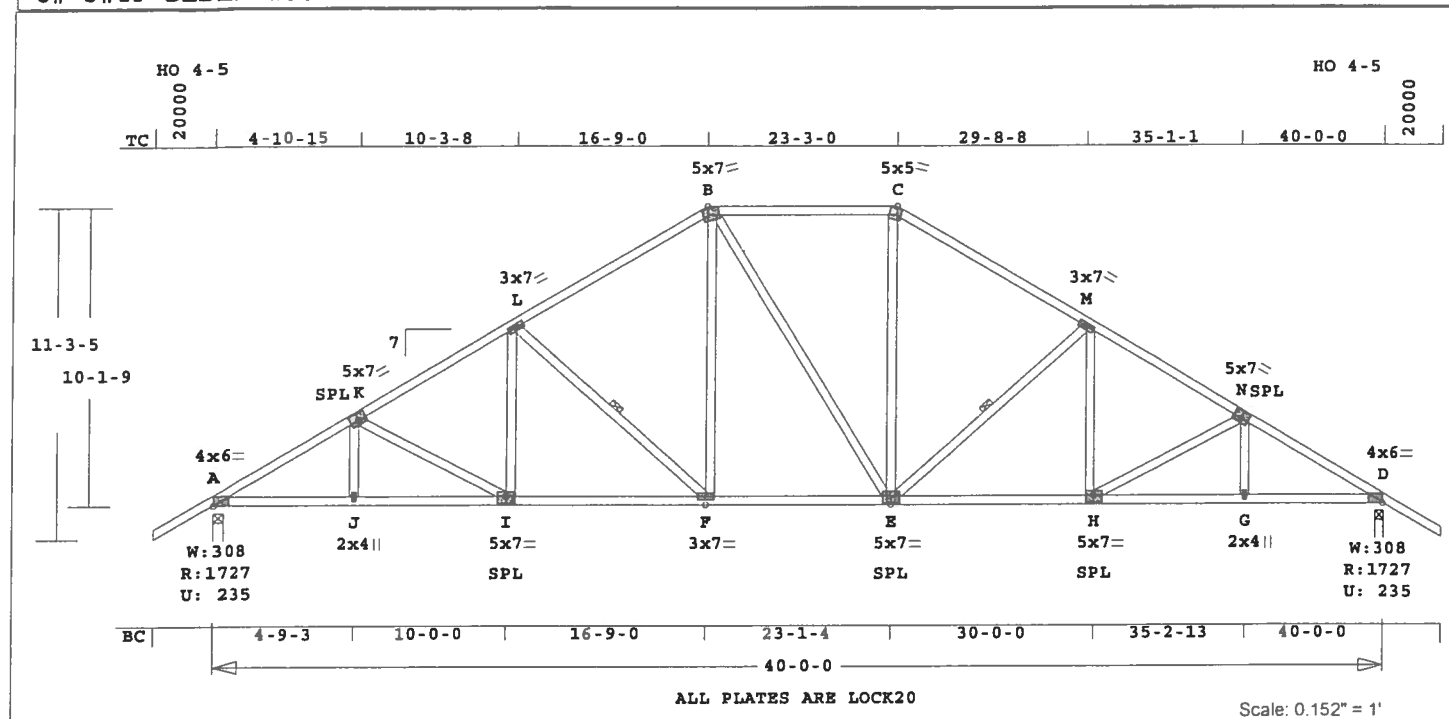


Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
TF-BEDENBAUGH	AG1	2*2P	SP	330600	7	0	0	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH								

TC Dead Load : 5.0 psf
 BC Dead Load : 5.0 psf
 Max comp. force 3446 Lbs
 Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
TF-BEDENBAUGH	B1	12	HIPP	400000	7	2- 0- 0	2- 0- 0	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 313.4 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ----Lumber-----
TC 0.42 2x 4 SP-#2
BC 0.53 2x 4 SP-#2
WB 0.21 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 16- 9- 0
TC 2- 0- 0 16- 9- 0 23- 3- 0
TC Cont. 23- 3- 0 40- 0- 0
BC Cont. 0- 0- 0 40- 0- 0
WB 1 rows CLB on L -F
WB 1 rows CLB on E -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	Uplft	Size	Req'd
	Lbs	Lbs	In-Sx	In-Sx
A	1728	236	3- 8	2- 1
			Hz =	-212
D	1728	236	3- 8	2- 1
			Hz =	213

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -K	0.24	2688	C	0.05	0.19
K -L	0.37	2346	C	0.03	0.34
L -B	0.36	1834	C	0.02	0.34
B -C	0.42	1582	C	0.03	0.39
C -M	0.37	1835	C	0.02	0.35
M -N	0.38	2346	C	0.03	0.35
N -D	0.24	2688	C	0.05	0.19

Bottom Chords-----
A -J 0.53 2315 T 0.38 0.15
J -I 0.51 2315 T 0.38 0.13
I -F 0.47 2036 T 0.34 0.13
F -E 0.39 1578 T 0.26 0.13
E -H 0.47 2037 T 0.34 0.13
H -G 0.50 2315 T 0.38 0.12
G -D 0.52 2315 T 0.38 0.14
-----Webs-----
J -K 0.02 158 T
K -I 0.14 315 C
I -L 0.05 372 T
L -F 0.16 603 C 1 Br
F -B 0.09 553 T
B -E 0.21 131 T
E -C 0.09 551 T
E -M 0.16 605 C 1 Br
H -M 0.05 370 T
H -N 0.14 313 C
G -N 0.02 159 T

TL Defl -0.27" in I -F L/999
LL Defl -0.12" in F -E L/999
Shear // Grain in B -C 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 0.2 0.1 0.74
K LOCK	5.0x 7.0 0.3 0.5 0.77
L LOCK	3.0x 7.0 Ctr Ctr 0.43
B LOCK	5.0x 7.0 1.4-3.3 0.77
C LOCK	5.0x 5.0 0.8-3.1 0.68
M LOCK	3.0x 7.0 Ctr Ctr 0.43
N LOCK	5.0x 7.0 0.3 0.5 0.77
D LOCK	4.0x 6.0 0.2 0.1 0.74
J LOCK	2.0x 4.0 Ctr Ctr 0.47
I LOCK	5.0x 7.0 Ctr-0.5 0.79
F LOCK	3.0x 7.0 Ctr Ctr 0.46
E LOCK	5.0x 7.0 Ctr-0.5 0.79
H LOCK	5.0x 7.0 Ctr-0.5 0.79
G LOCK	2.0x 4.0 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:

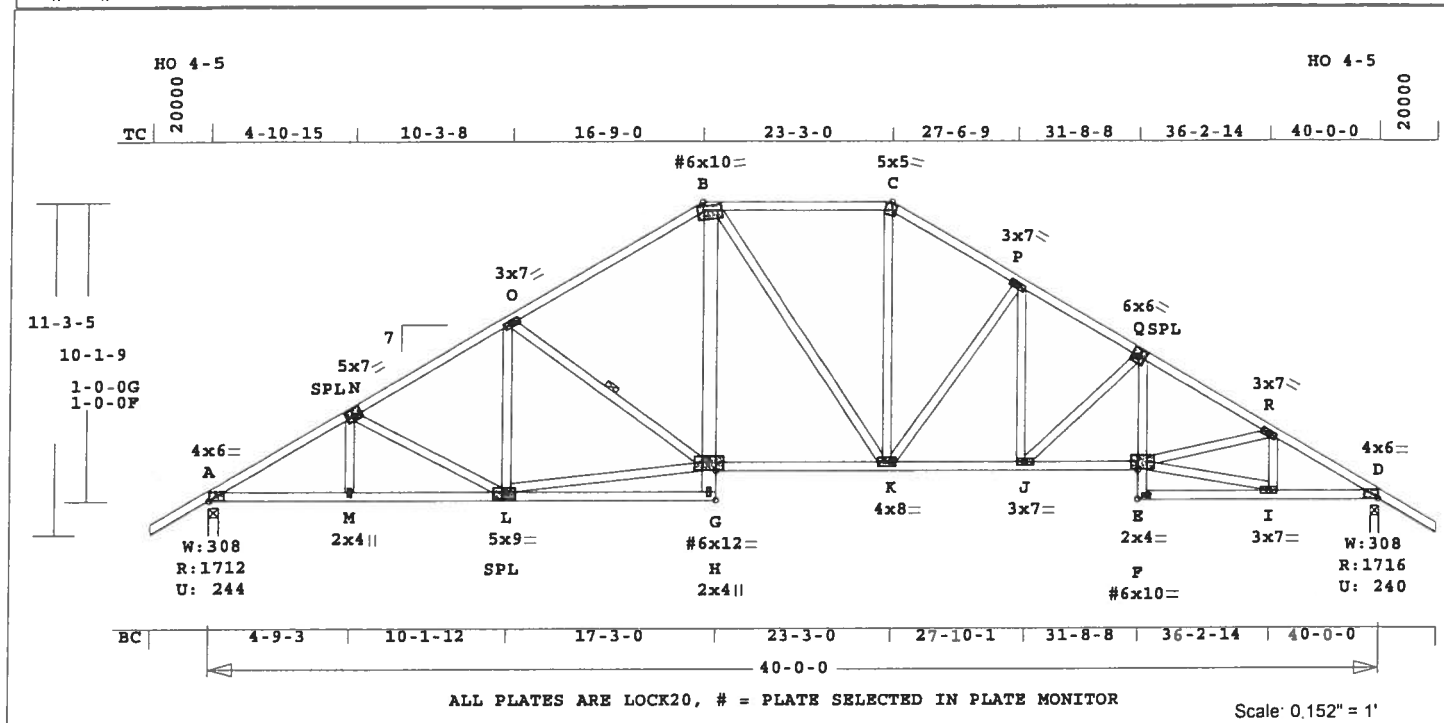
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 2688 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
TF-BEDENBAUGH	B2	2	SP	400000	7	2- 0- 0	2- 0- 0	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 351.1 LBS

Online Plus -- Version 19.0.018
RUN DATE: 06-MAY-06

CSI -Size- ---Lumber---
TC 0.43 2x 4 SP-#2
BC 0.55 2x 4 SP-#2
CW 0.24 2x 6 SP-#2
EX E -Q 2x 4 SP-#2
WB 0.50 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 40- 0- 0
BC Cont. 0- 0- 0 40- 0- 0
WB 1 rows CLB on O -G
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 1712 244 3- 8 2- 0
Hz = -212
D 1716 241 3- 8 2- 0
Hz = 214

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -N 0.23 2657 C 0.04 0.19
N -O 0.35 2319 C 0.03 0.32
O -B 0.43 1970 C 0.02 0.41
B -B 0.12 211 T 0.01 0.11
B -C 0.40 1734 C 0.03 0.37
C -P 0.28 1997 C 0.02 0.26
P -Q 0.21 2487 C 0.04 0.17
Q -R 0.29 3058 C 0.09 0.20
R -D 0.22 2700 C 0.05 0.17
-----Bottom Chords-----
A -M 0.53 2289 T 0.38 0.15
M -L 0.55 2289 T 0.38 0.17
L -H 0.28 149 T 0.00 0.28
G -K 0.41 1727 T 0.29 0.12
K -J 0.48 2144 T 0.36 0.12
J -F 0.55 2662 T 0.44 0.11

E -I 0.13 97 T 0.01 0.12
I -D 0.55 2319 T 0.38 0.17
-----Chord-Webs-----
H -G 0.15 111 T 0.00 0.15
B -B 0.07 1764 C 0.04 0.03
G -B 0.24 610 T 0.08 0.16
E -F 0.20 84 T 0.00 0.20
F -Q 0.19 481 T 0.08 0.11
-----Webs-----
M -N 0.02 144 T
N -L 0.14 313 C
L -O 0.02 193 T
L -G 0.34 1882 T
O -G 0.09 378 C 1 Br
B -K 0.16 141 T
K -C 0.12 667 T
K -P 0.50 690 C
J -P 0.10 569 T
J -Q 0.27 700 C
F -R 0.06 339 T
F -I 0.42 2275 T
I -R 0.04 462 C

TL Defl -0.33" in L -H L/999
LL Defl -0.15" in G -K L/999
Shear // Grain in B -B 0.39

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 0.2 0.1 0.74
N LOCK 5.0x 7.0 0.3 0.5 0.77
O LOCK 3.0x 7.0 Ctr Ctr 0.43
B# LOCK 6.0x10.0 2.7-2.1 0.78
B# LOCK 6.0x10.0 0.5-0.6 0.79
C LOCK 5.0x 5.0 0.8-3.1 0.68
P LOCK 3.0x 7.0 Ctr Ctr 0.48
Q LOCK 6.0x 6.0 Ctr 0.1 0.92
R LOCK 3.0x 7.0 Ctr Ctr 0.43
D LOCK 4.0x 6.0 0.2 0.1 0.74
M LOCK 2.0x 4.0 Ctr Ctr 0.47
L LOCK 5.0x 9.0 1.0-0.5 0.80
H LOCK 2.0x 4.0 Ctr Ctr 0.91
G# LOCK 6.0x12.0 Ctr 1.4 0.70
K LOCK 4.0x 8.0 Ctr Ctr 0.46
J LOCK 3.0x 7.0 Ctr Ctr 0.46
F# LOCK 6.0x10.0 0.2 1.4 0.72
E LOCK 2.0x 4.0 Ctr Ctr 0.59
I LOCK 3.0x 7.0 Ctr Ctr 0.99

= Plate Monitor used

REVIEWED BY:

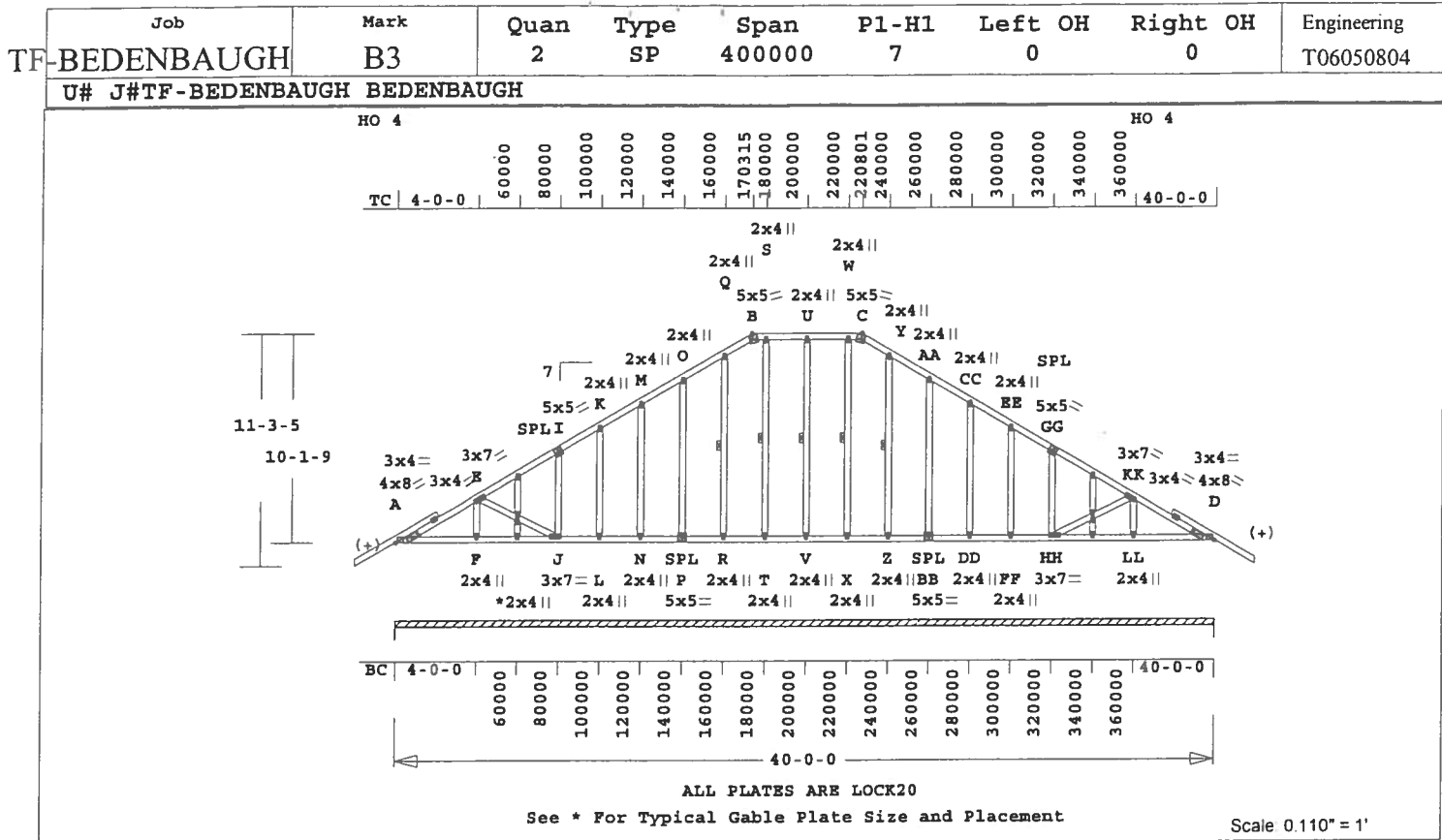
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
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 3058 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™ APPROX. TRUSS WEIGHT: 387.0 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ---Lumber---
TC 0.15 2x 4 SP-#2(+)
BC 0.09 2x 4 SP-#2
WB 0.03 2x 4 SP-#2
GW 0.09 2x 4 SP-#2

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 40- 0- 0
BC Cont. 0- 0- 0 40- 0- 0
WB 1 rows CLB on R -Q
WB 1 rows CLB on T -S
WB 1 rows CLB on V -U
WB 1 rows CLB on X -W
WB 1 rows CLB on Z -Y
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
Cont. Brg 0- 0- 0 to 40- 0- 0
3200 426 Hz = 213

Membr CSI P Lbs Ax1-CSI-Bnd

-----Top Chords-----
A -E 0.15 170 C 0.00 0.15
E -I 0.15 109 C 0.00 0.15
I -K 0.10 70 C 0.00 0.10
K -M 0.03 57 C 0.00 0.03
M -O 0.03 52 C 0.00 0.03
O -Q 0.03 78 T 0.00 0.03
Q -B 0.03 106 T 0.00 0.03
B -S 0.03 107 T 0.00 0.03
S -U 0.03 107 T 0.00 0.03
U -W 0.03 107 T 0.00 0.03
W -C 0.03 107 T 0.00 0.03
C -Y 0.03 106 T 0.00 0.03
Y -AA 0.03 78 T 0.00 0.03
AA -CC 0.03 52 C 0.00 0.03
CC -EE 0.03 57 C 0.00 0.03

EE-GG 0.10 70 C 0.00 0.10
GG-KK 0.15 109 C 0.00 0.15
KK-D 0.15 170 C 0.00 0.15
-----Bottom Chords-----
A -F 0.09 4 T 0.00 0.09
F -J 0.09 0 T 0.00 0.09
J -L 0.06 0 T 0.00 0.06
L -N 0.02 0 T 0.00 0.02
N -P 0.02 0 T 0.00 0.02
P -R 0.02 0 T 0.00 0.02
R -T 0.02 0 T 0.00 0.02
T -V 0.02 0 T 0.00 0.02
V -X 0.02 0 T 0.00 0.02
X -Z 0.02 0 T 0.00 0.02
Z -BB 0.02 0 T 0.00 0.02
BB-DD 0.02 0 T 0.00 0.02
DD-FF 0.02 0 T 0.00 0.02
FF-HH 0.06 0 T 0.00 0.06
HH-LL 0.09 0 T 0.00 0.09
LL-D 0.09 4 T 0.00 0.09
-----Webs-----
E -J 0.03 137 T
HH-KK 0.03 137 T
-----Gable Webs-----
F -E 0.01 134 C
J -I 0.04 194 C
L -K 0.03 94 C
N -M 0.07 123 C
P -O 0.09 121 C
R -Q 0.03 110 C 1 Br
T -S 0.03 99 C 1 Br
V -U 0.04 123 C 1 Br
X -W 0.03 99 C 1 Br
Z -Y 0.03 110 C 1 Br
BB-AA 0.09 121 C
DD-CC 0.07 123 C
FF-EE 0.03 94 C
HH-GG 0.04 194 C
LL-KK 0.01 134 C

TL Defl -0.01" in HH-LL L/999
LL Defl 0.00" in HH-LL L/999
Shear // Grain in A -E 0.14

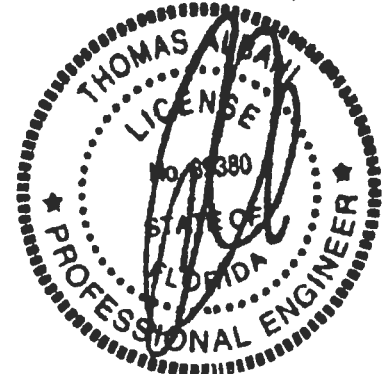
Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 4.0x 8.0 0.9 0.2 0.68
E LOCK 3.0x 7.0 Ctr Ctr 0.43
I LOCK 5.0x 5.0-0.3 0.5 0.77
K LOCK 2.0x 4.0 Ctr Ctr 0.47
M LOCK 2.0x 4.0 Ctr Ctr 0.47
O LOCK 2.0x 4.0 Ctr Ctr 0.47

Q LOCK 2.0x 4.0 Ctr Ctr 0.47
B LOCK 5.0x 5.0 0.8-3.1 0.68
S LOCK 2.0x 4.0 Ctr Ctr 0.47
U LOCK 2.0x 4.0 Ctr Ctr 0.47
W LOCK 2.0x 4.0 Ctr Ctr 0.47
C LOCK 5.0x 5.0-0.8-3.1 0.68
Y LOCK 2.0x 4.0 Ctr Ctr 0.47
AA LOCK 2.0x 4.0 Ctr Ctr 0.47
CC LOCK 2.0x 4.0 Ctr Ctr 0.47
EE LOCK 2.0x 4.0 Ctr Ctr 0.47
GG LOCK 5.0x 5.0 0.3 0.5 0.77
KK LOCK 3.0x 7.0 Ctr Ctr 0.43
D LOCK 4.0x 8.0-0.9 0.2 0.68
F LOCK 2.0x 4.0 Ctr Ctr 0.47
J LOCK 3.0x 7.0 Ctr Ctr 0.46
L LOCK 2.0x 4.0 Ctr Ctr 0.47
N LOCK 2.0x 4.0 Ctr Ctr 0.47
P LOCK 5.0x 5.0 Ctr-0.5 0.79
R LOCK 2.0x 4.0 Ctr Ctr 0.47
T LOCK 2.0x 4.0 Ctr Ctr 0.47
V LOCK 2.0x 4.0 Ctr Ctr 0.47
X LOCK 2.0x 4.0 Ctr Ctr 0.47
Z LOCK 2.0x 4.0 Ctr Ctr 0.47
BB LOCK 5.0x 5.0 Ctr-0.5 0.79
DD LOCK 2.0x 4.0 Ctr Ctr 0.47
FF LOCK 2.0x 4.0 Ctr Ctr 0.47
HH LOCK 3.0x 7.0 Ctr Ctr 0.46
LL LOCK 2.0x 4.0 Ctr Ctr 0.47

4 Gable studs to be attached
with 2.0x4.0 plates each end.

REVIEWED BY:
Robbins Engineering, Inc.

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



TF-BEDENBAUGH	Job B3	Mark B3	Quan 2	Type SP	Span 400000	P1-H1 7	Left OH 0	Right OH 0	Engineering T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH									

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

WARNING Do Not Cut overframe
member between outside of
truss and first tie-plate
to inside of heel plate.

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

Prevent truss rotation at all
bearing locations.

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

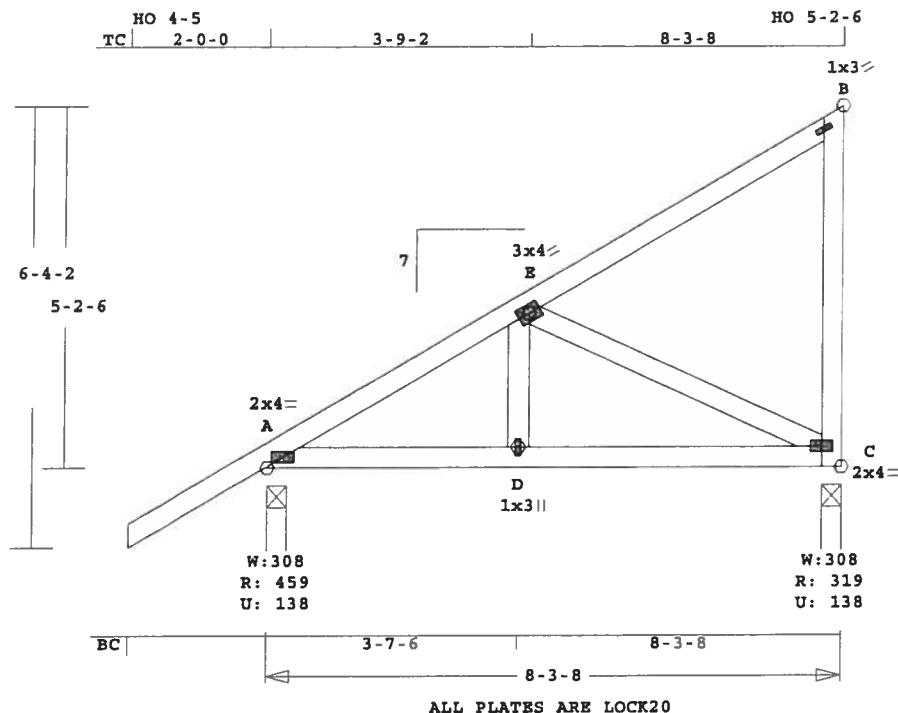
BC Dead Load : 5.0 psf

Max comp. force 194 Lbs

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
TF-BEDENBAUGH	M1	3	MONO	80308	7	2- 0- 0	0	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



ALL PLATES ARE LOCK20

Scale: 0.363" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 59.5 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ----Lumber-----
TC 0.20 2x 4 SP-#2
BC 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- 3- 8
BC Cont.	0- 0- 0	8- 3- 8

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 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	460	138	3- 8	1- 8
			Hz =	-82
C	320	139	3- 8	1- 8
			Hz =	167

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -E	0.20		398 C	0.00	0.20
E -B	0.20		65 C	0.00	0.20

-----Bottom Chords-----
A -D 0.14 357 T 0.03 0.11
D -C 0.14 357 T 0.03 0.11
-----Webs-----
D -E 0.02 188 T
E -C 0.12 395 C
C -B 0.04 111 C WindLd

TL Defl -0.03" in D -C L/999
LL Defl -0.01" in D -C L/999
Shear // Grain in E -B 0.18

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 0.69
E LOCK 3.0x 4.0 Ctr Ctr 0.45
B LOCK 1.0x 3.0 Ctr Ctr 0.75
D LOCK 1.0x 3.0 Ctr Ctr 0.75
C LOCK 2.0x 4.0 Ctr Ctr 0.77

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

User-defined wind-exposed BC regions --From-- --To--

0- 0- 0 8- 3- 8

Max comp. force 398 Lbs

Quality Control Factor 1.25

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



REVIEWED BY:

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

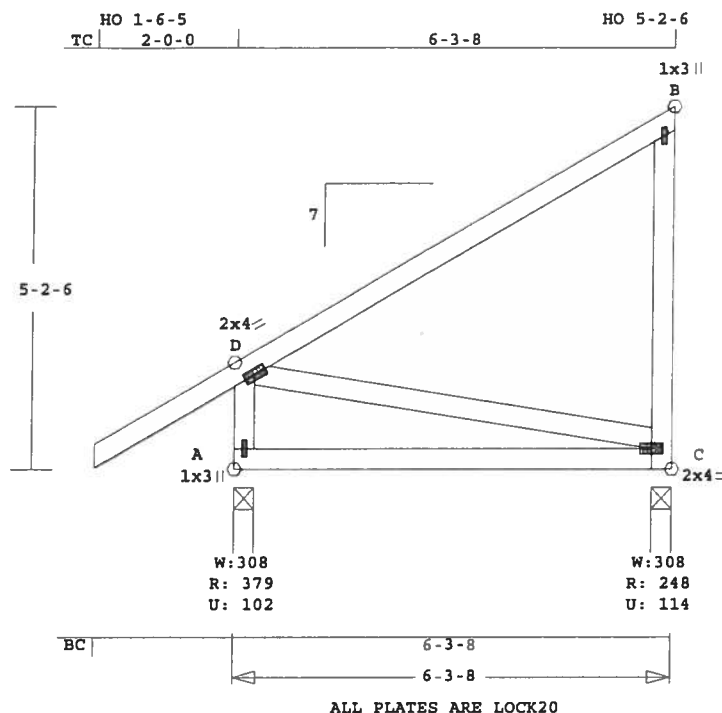
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
TF-BEDENBAUGH	M2	3	SP	60308	7	2- 0- 0	0	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



Scale 0.364\" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 52.0 LBS

Online Plus -- Version 19.0.020 RUN DATE: 05-MAY-06	A -C 0.28 86 T 0.00 0.28		Soffit psf 2.0	
	-----Webs-----		Design checked for 10 psf non-concurrent LL on BC.	
CSI -Size- ----Lumber----	A -D 0.01 188 C WindLd		Wind Loads - ANSI / ASCE 7-02	
	D -C 0.03 122 T		Truss is designed as a Main	
TC 0.48 2x 4 SP-#2	C -B 0.06 188 C WindLd		Wind-Force Resistance System.	
	TL Defl -0.14\" in A -C L/504		Wind Speed: 110 mph	
BC 0.28 2x 4 SP-#2	LL Defl -0.07\" in A -C L/999		Mean Roof Height: 15-0	
WB 0.06 2x 4 SP-#2	Shear // Grain in D -B 0.20		Exposure Category: B	
Brace truss as follows:	Plates for each ply each face.		Occupancy Factor : 1.00	
	O.C. From To		Building Type: Enclosed	
TC Cont. 0- 0- 0 6- 3- 8	PLATING CONFORMS TO TPI.		Zone location: Exterior	
BC Cont. 0- 0- 0 6- 3- 8	REPORT: NER 691		TC Dead Load : 5.0 psf	
Loading Live Dead (psf)	ROBBINS ENGINEERING, INC.		BC Dead Load : 5.0 psf	
TC 20.0 10.0	BASED ON SP LUMBER		User-defined wind-exposed BC	
BC 0.0 10.0	USING GROSS AREA TEST.		regions --From-- ---To---	
Total 20.0 20.0 40.0	Plate - LOCK 20 Ga, Gross Area		0- 0- 0 6- 3- 8	
Spacing 24.0\"	Plate - RHS 20 Ga, Gross Area		Max comp. force 188 Lbs	
Lumber Duration Factor 1.25	Jt Type Plt Size X Y JSI		Quality Control Factor 1.25	
Plate Duration Factor 1.25	D LOCK 2.0x 4.0 Ctr Ctr 0.75			
TC Fb=1.15 Fc=1.10 Ft=1.10	B LOCK 1.0x 3.0 Ctr Ctr 0.75			
BC Fb=1.10 Fc=1.10 Ft=1.10	A LOCK 1.0x 3.0 Ctr Ctr 0.75			
	C LOCK 2.0x 4.0 Ctr Ctr 0.76			

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

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	380	103	3- 8	1- 8
			Hz =	-103
C	249	115	3- 8	1- 8
			Hz =	168

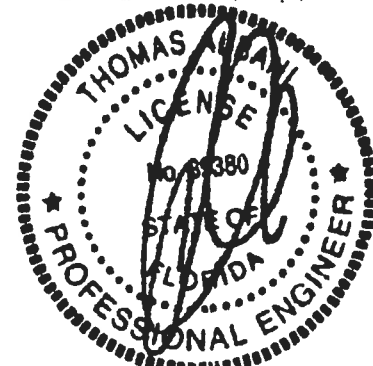
Membr CSI P Lbs Axl-Csi-Bnd

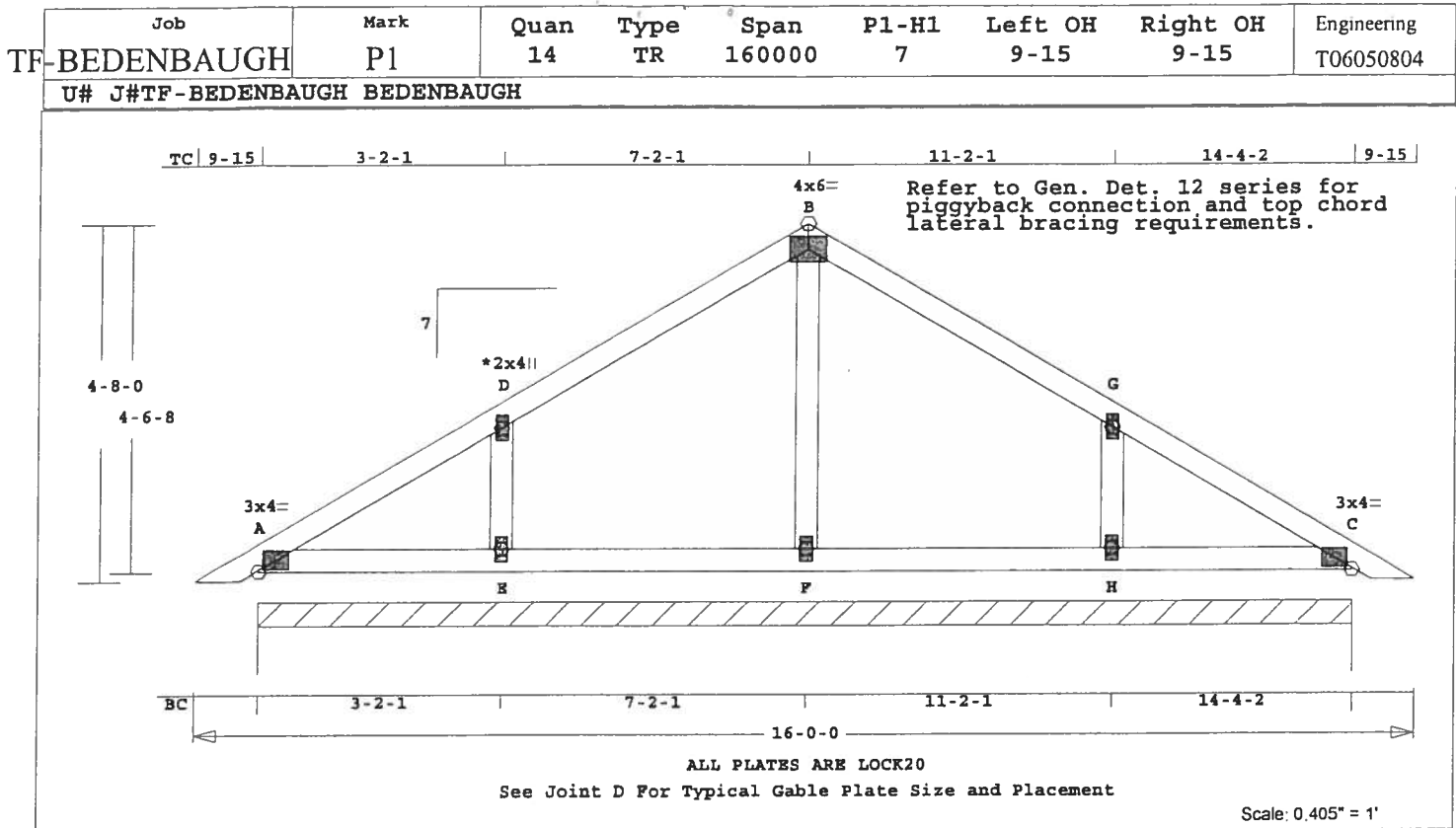
-----Top Chords-----

D -B 0.48 83 C 0.00 0.48

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

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





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 75.8 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI -Size- ---Lumber---
TC 0.13 2x 4 SP-#2
BC 0.08 2x 4 SP-#2
GW 0.03 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

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

E -D 0.02 235 C
F -B 0.03 134 C
H -G 0.02 235 C
TL Defl -0.01" in E -F L/999
LL Defl 0.00" in E -F L/999
Shear // Grain in D -B 0.14

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 0.65
D LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.46
G LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.65
E LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 2.0x 4.0 Ctr Ctr 0.00
H LOCK 2.0x 4.0 Ctr Ctr 0.00

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 235 Lbs
Quality Control Factor 1.25

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 14- 4- 2
1253 171 Hz = 84

Membr CSI P Lbs Axl-CSI-Bnd
-----Top Chords-----
A -D 0.13 79 C 0.00 0.13
D -B 0.13 98 C 0.00 0.13
B -G 0.13 98 C 0.00 0.13
G -C 0.13 79 C 0.00 0.13
-----Bottom Chords-----
A -E 0.07 1 T 0.00 0.07
E -F 0.08 0 T 0.00 0.08
F -H 0.08 0 T 0.00 0.08
H -C 0.07 1 T 0.00 0.07
-----Gable Webs-----

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

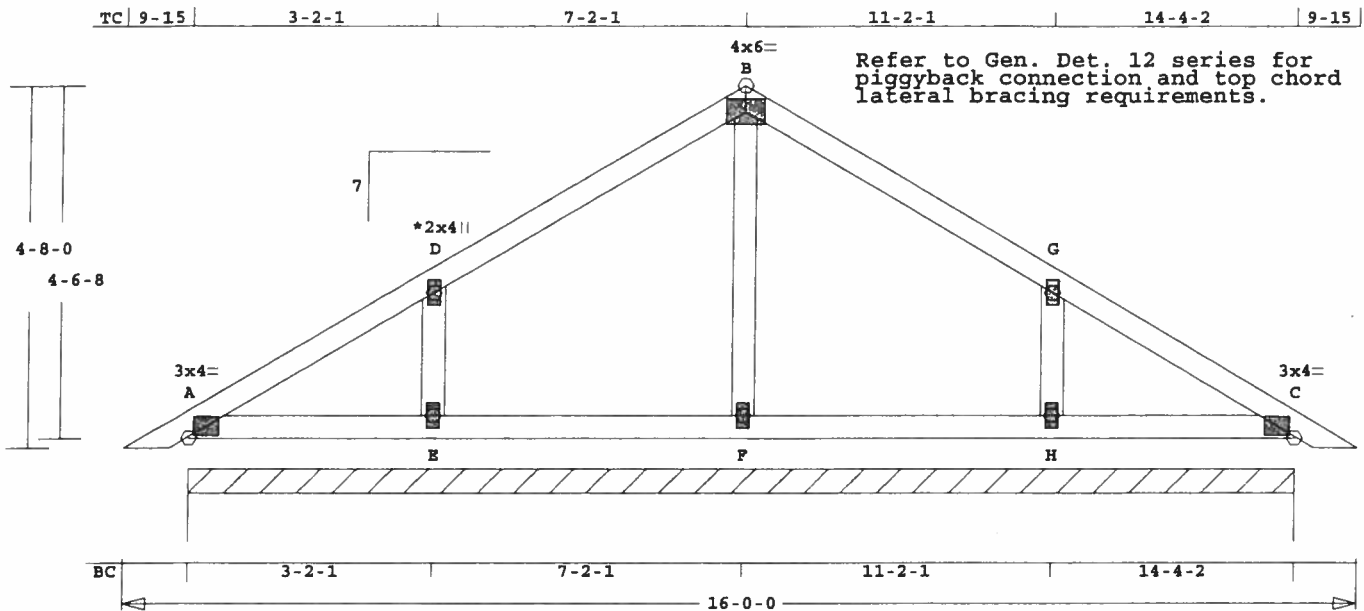
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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.
Refer to Gen Det 3 series for

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
TF-BEDENBAUGH	P2	2*2P	TR	160000	7	9-15	9-15	T06050804
U# J#TF-BEDENBAUGH BEDENBAUGH								



ALL PLATES ARE LOCK20
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.405" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 75.8 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

* 2-Ply Truss *

CSI -Size- ----Lumber----
TC 0.13 2x 4 SP-#2
BC 0.08 2x 4 SP-#2
GW 0.01 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC 2- 0- 0 0- 0- 0 16- 0- 0
BC 2- 0- 0 0- 0- 0 16- 0- 0

Loading Live Dead (psf)
TC 20.0 10.0
BC 0.0 10.0
Total 20.0 20.0 40.0
Spacing 42.0"
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

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 14- 4- 2
2194 300 Hz = 147

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -D 0.13 139 C 0.00 0.13
D -B 0.13 171 C 0.00 0.13
B -G 0.13 171 C 0.00 0.13
G -C 0.13 139 C 0.00 0.13
-----Bottom Chords-----
A -E 0.07 2 T 0.00 0.07
E -F 0.08 0 T 0.00 0.08
F -H 0.08 0 T 0.00 0.08

H -C 0.07 2 T 0.00 0.07
-----Gable Webs-----
E -D 0.01 411 C
F -B 0.01 235 C
H -G 0.01 411 C

TL Defl -0.01" in E -F L/999
LL Defl 0.00" in E -F L/999
Shear // Grain in D -B 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 0.65
D LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.46
G LOCK 2.0x 4.0 Ctr Ctr 0.00
C LOCK 3.0x 4.0 Ctr Ctr 0.65
E LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 2.0x 4.0 Ctr Ctr 0.00
H LOCK 2.0x 4.0 Ctr Ctr 0.00

as each layer is applied.)
-----Spacing (In)-----
Rows Nails Screws Bolts
TC 1 12 24 0
BC 1 12 24 0
WB 1 8 8
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Prevent truss rotation at all
bearing locations.
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 411 Lbs
Quality Control Factor 1.25

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

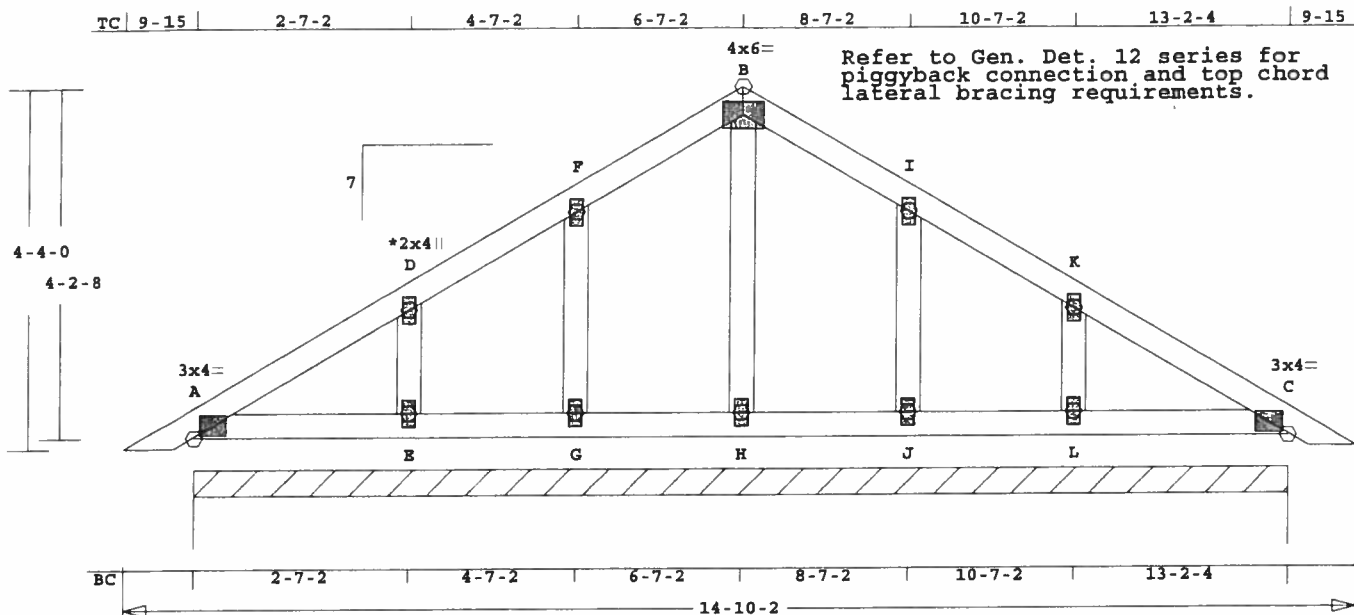
REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered
pattern. (1/2" bolts -OR-
SDS3 screws -OR- 10d nails

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



U# J#TF-BEDENBAUGH BEDENBAUGH



ALL PLATES ARE LOCK20
See Joint D For Typical Gable Plate Size and Placement

Scale: 0.435" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 78.6 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

CSI	Size	Lumber
TC	0.05	2x 4 SP-#2
BC	0.03	2x 4 SP-#2
GW	0.01	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	14-10- 2
BC Cont.	0- 0- 0	14-10- 2

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 13- 2- 4		
	1161	159	Hz =	77

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -D	0.05		48 C	0.00	0.05
D -F	0.05		56 C	0.00	0.05
F -B	0.03		57 C	0.00	0.03
B -I	0.03		57 C	0.00	0.03
I -K	0.05		56 C	0.00	0.05
K -C	0.05		48 C	0.00	0.05
-----Bottom Chords-----					
A -E	0.03		1 T	0.00	0.03
E -G	0.03		0 T	0.00	0.03
G -H	0.02		0 T	0.00	0.02

H -J	0.02	0 T	0.00	0.02	
J -L	0.03	0 T	0.00	0.03	
L -C	0.03	1 T	0.00	0.03	
-----Gable Webs-----					
E -D	0.01	141 C			
G -F	0.01	118 C			
H -B	0.01	59 C			
J -I	0.01	118 C			
L -K	0.01	141 C			

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

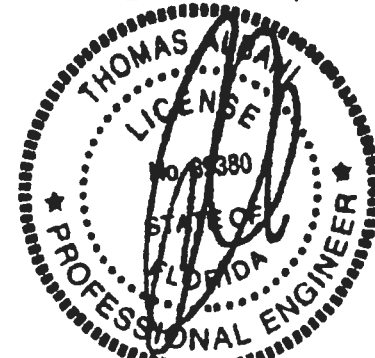
Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A LOCK 3.0x 4.0 Ctr Ctr 0.63
D LOCK 2.0x 4.0 Ctr Ctr 0.00
F LOCK 2.0x 4.0 Ctr Ctr 0.00
B LOCK 4.0x 6.0 Ctr Ctr 0.45
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 0.63
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

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

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

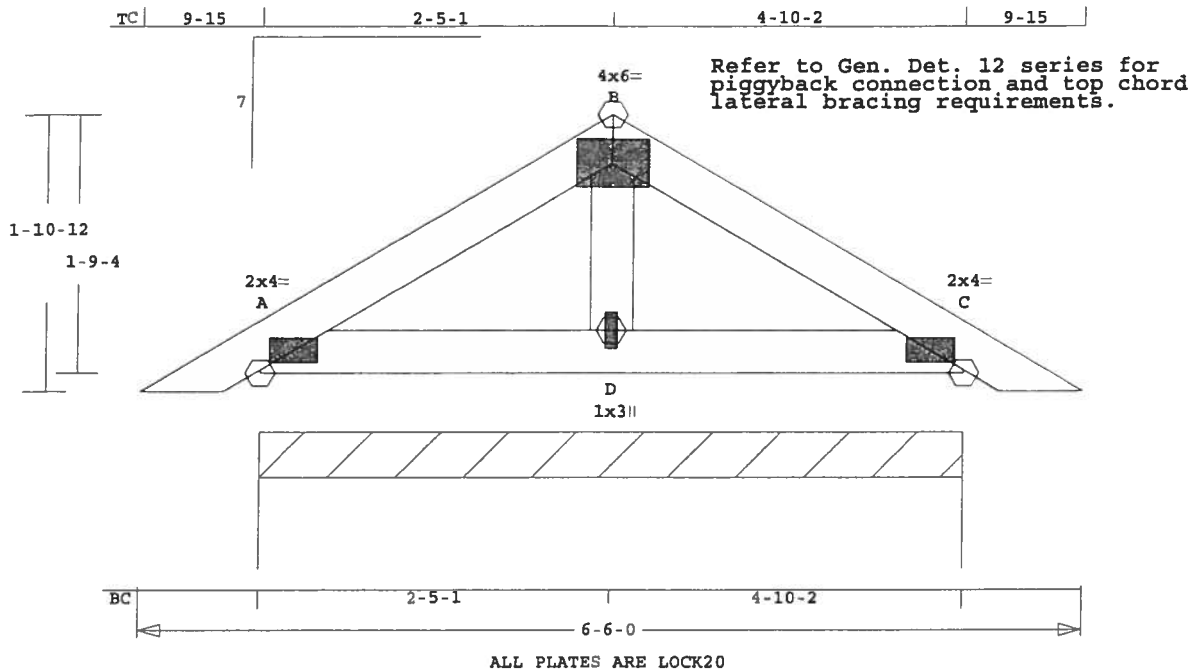
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
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 141 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
TF-BEDENBAUGH	P4	14	TR	60600	7	9-15	9-15	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 25.5 LBS

Online Plus -- Version 19.0.020
RUN DATE: 05-MAY-06

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

TC	0.03	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- 6- 0	
BC Cont.	0- 0- 0	6- 6- 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	0 to	4-10- 2	
	494	70	Hx =	27

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.03		90 C	0.00	0.03
B -C	0.03		90 C	0.00	0.03
-----Bottom Chords-----					
A -D	0.03		1 T	0.00	0.03

D -C	0.03	1 T	0.00	0.03
-----Webs-----				
D -B	0.00	41 C		

TL Defl	0.00"	in D -C	L/999
LL Defl	0.00"	in D -C	L/999
Shear // Grain		in A -B	0.06

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 0.62
B LOCK	4.0x 6.0	Ctr Ctr 0.36
C LOCK	2.0x 4.0	Ctr Ctr 0.62
D LOCK	1.0x 3.0	Ctr Ctr 0.75

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-

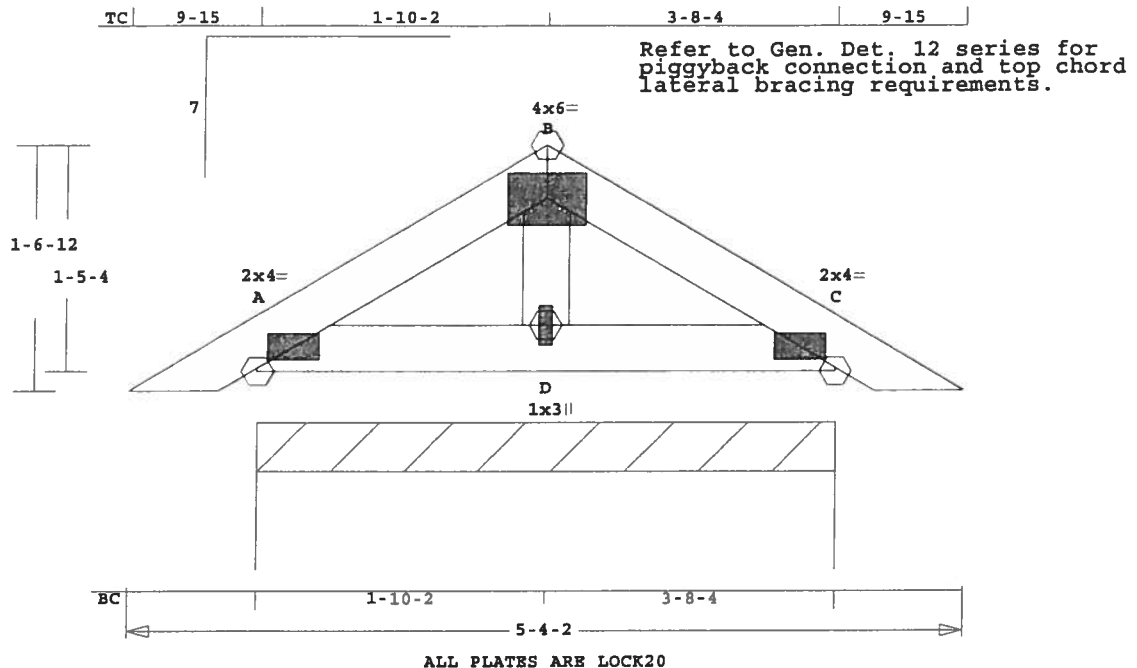
concurrent LL on BC.
Refer to Gen Det 3 series for
web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 90 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
TF-BEDENBAUGH	P5	2	TR	50402	7	9-15	9-15	T06050804

U# J#TF-BEDENBAUGH BEDENBAUGH



Scale: 0.821" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 20.2 LBS

Online Plus -- Version 19.0.020
 RUN DATE: 05-MAY-06

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

TC	0.01	2x 4	SP-#2
BC	0.01	2x 4	SP-#2
WB	0.00	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	5- 4- 2	
BC Cont.	0- 0- 0	5- 4- 2	

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	

D -C	0.01	1 T	0.00	0.01
-----Webs-----				
D -B	0.00	40 C		

TL Defl 0.00" in D -C L/999
 LL Defl 0.00" in D -C L/999
 Shear // Grain in A -B 0.04

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 0.62
B LOCK	4.0x 6.0	Ctr Ctr 0.36
C LOCK	2.0x 4.0	Ctr Ctr 0.62
D LOCK	1.0x 3.0	Ctr Ctr 0.75

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

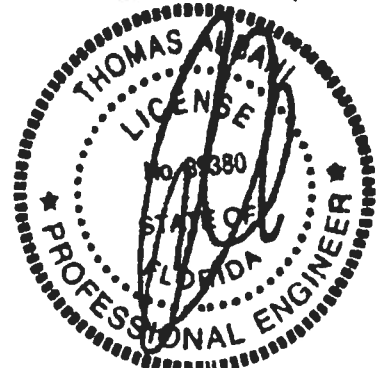
OH Loading

Soffit psf 2.0

Design checked for 10 psf non-

concurrent LL on BC.
 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 57 Lbs
 Quality Control Factor 1.25

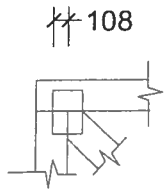
Truss Design Engineer: Thomas A. Albani
 License #: 39380
 Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 5/8/2006

ROBBINS ENG. GENERAL NOTES & SYMBOLS

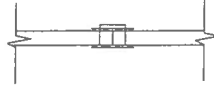
PLATE LOCATION



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

FLOOR TRUSS SPLICE

(3X2, 4X2, 6X2)



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

LATERAL BRACING

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

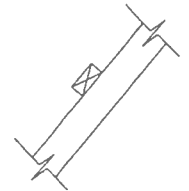
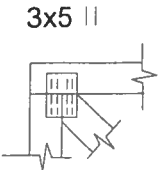


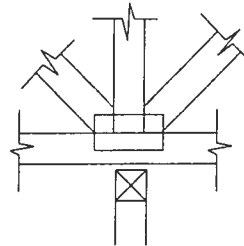
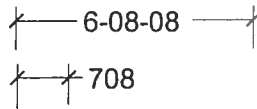
PLATE SIZE AND ORIENTATION



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

DIMENSIONS

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



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

BEARING

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

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

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

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



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