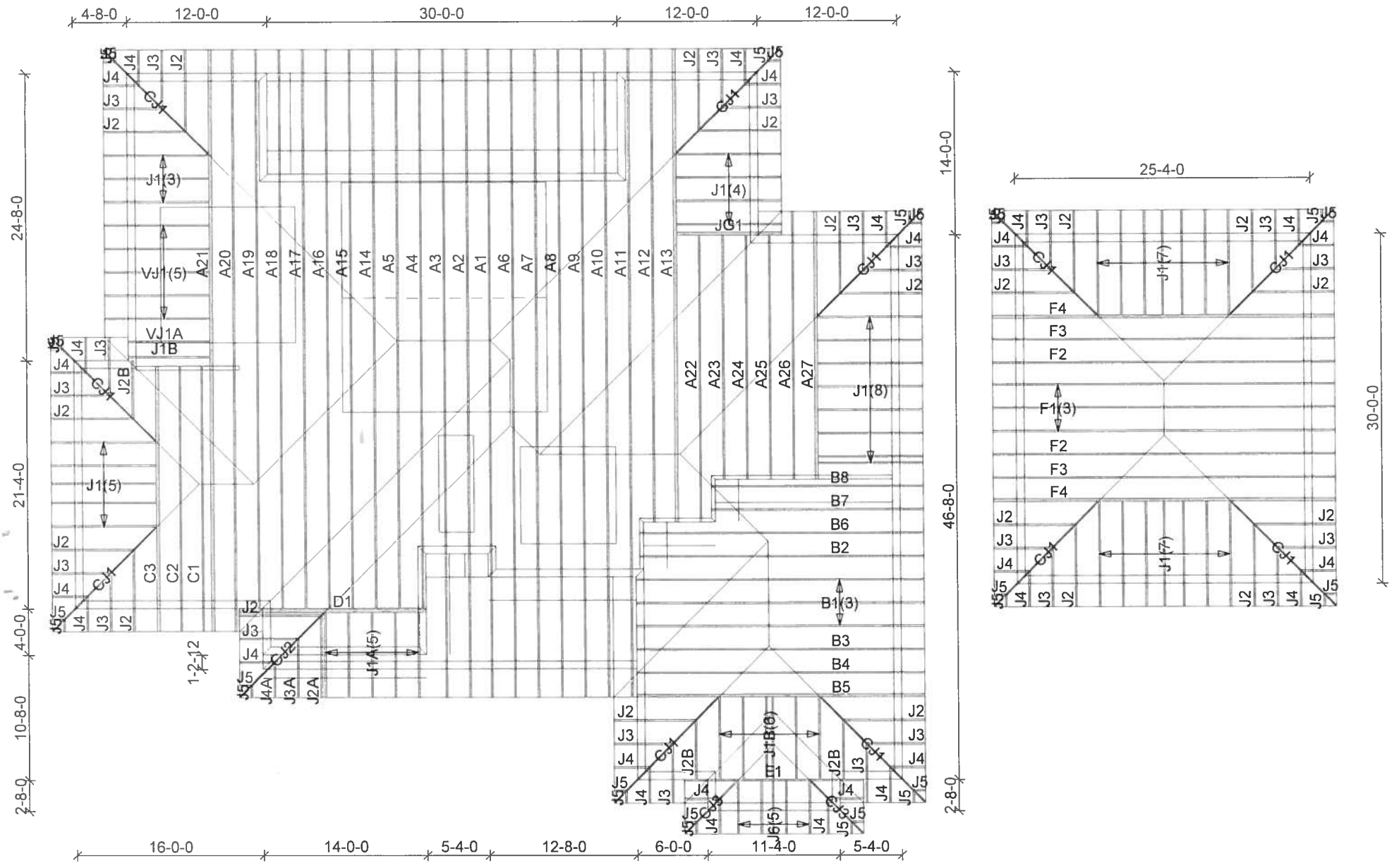


Mayo Truss Co. Inc.

362 NE CLYDE AVE.
MAYO, FL 32066

(386)294-3988
(877)-558-6262

BEACH RESIDENCE

COLUMBIA COUNTY

130 MPH ASCE WIND LOAD

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

Account: INDIVIDUAL
Job: BEACH
Designer: M.MURRAY
Checker: M.MURRAY
Date: 01-04-06

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:BEACH - BEACH RESIDENCE

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 - 130 mph
Mean Roof Ht. - 15 ft.
Exposure Catergory - 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
T05122327	12/28/2005		2

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 responsibilty of the Building Designer, as defined in ANSI/TPI 1-1995, Section 2.2. Permanent files of the original Truss Specificstion 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. (Sofware - Online Plus)

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

	Date	Mark		Date	Mark		Date	Mark		Date	Mark
1	12/28/05	A1	2	12/28/05	A4						

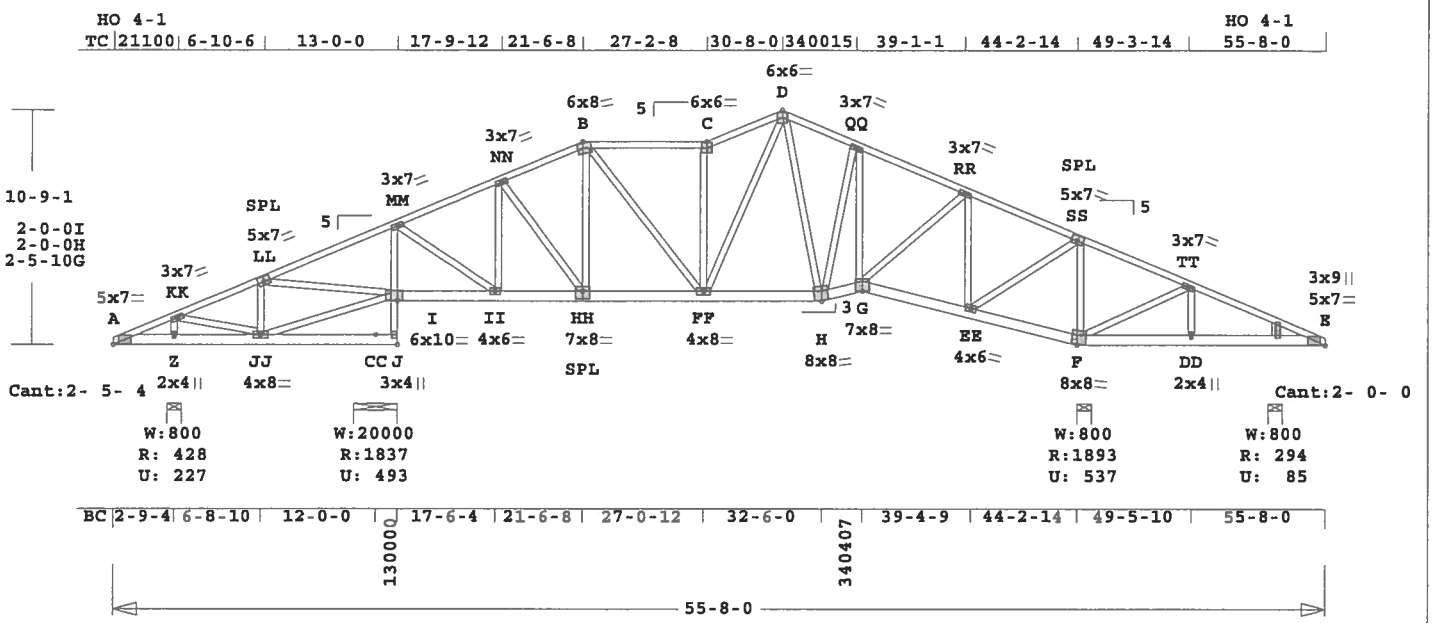
Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

MICHAEL S. MAGID LICENSE No. 53681 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed: 12/28/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A1	1	SP	550800	5	0	0	T05122327

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 506.7 LBS

Online Plus -- Version 18.0.020
RUN DATE: 27-DEC-05

	CSI	Size	Lumber
TC	0.44	2x 4	SP-#2
BC	0.25	2x 6	SP-#2
CW	0.28	2x 4	SP-#2
WB	0.41	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	55- 8- 0
BC Cont.		0- 0- 0	55- 8- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
Z	428	228	8- 0	1- 0
			Hz =	-306
Cont. Brg			11- 0- 0 to	13- 0- 0
	1837	494	Hz =	0
F	1893	537	8- 0	2- 2
E	295	86	8- 0	1- 0
			Hz =	310

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -KK	0.10	209 T	0.03 0.07
KK-LL	0.27	89 T	0.00 0.27
LL-MM	0.44	612 T	0.11 0.33
MM-NN	0.33	621 C	0.00 0.33
NN-B	0.13	903 C	0.00 0.13
B -C	0.24	1084 C	0.01 0.23
C -D	0.15	1164 C	0.00 0.15
D -QQ	0.17	971 C	0.00 0.17
QQ-RR	0.23	1050 C	0.00 0.23
RR-SS	0.23	543 C	0.00 0.23
SS-TT	0.34	604 T	0.11 0.23
TT-E	0.22	60 T	0.01 0.21
Bottom Chords			
A -Z	0.05	184 C	0.00 0.05
Z -JJ	0.05	289 T	0.00 0.05
JJ-CC	0.04	29 C	0.00 0.04
CC-J	0.04	29 C	0.00 0.04
I -II	0.07	557 C	0.00 0.07
II-HH	0.09	565 T	0.04 0.05
HH-FF	0.13	836 T	0.10 0.03
FF-H	0.15	860 T	0.10 0.05
H -G	0.18	1002 T	0.12 0.06
G -EE	0.16	516 T	0.06 0.10
EE-F	0.25	551 C	0.00 0.25
F -DD	0.23	235 T	0.00 0.23
DD-E	0.13	235 T	0.00 0.13
Chord-Webs			
J -I	0.16	1743 C	0.16 0.00
I -MM	0.28	1599 C	0.28 0.00
Webs			
Z -KK	0.02	305 C	
KK-JJ	0.03	201 T	
JJ-LL	0.01	118 T	
JJ-I	0.03	267 T	
LL-I	0.27	576 C	
MM-II	0.25	1361 T	
II-NN	0.24	702 C	
NN-HH	0.08	444 T	
HH-B	0.14	254 C	
B -FF	0.09	402 T	
FF-C	0.41	703 C	
FF-D	0.21	546 T	
D -H	0.06	153 T	
H -QQ	0.20	321 C	
G -QQ	0.01	134 T	
G -RR	0.11	605 T	
EE-RR	0.34	892 C	
EE-SS	0.22	1223 T	
F -SS	0.38	1424 C	
F -TT	0.23	596 C	
DD-TT	0.04	272 T	

LL Defl -0.02" in F -DD L/999
TL Defl -0.04" in F -DD L/999
Shear // Grain in LL-MM 0.22

Hz Disp	LL	DL	TL
Jt F	0.02"	0.02"	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	5.0x 7.0	Ctr-0.2		0.78
KK	LOCK	3.0x 7.0	Ctr Ctr		0.45
LL	LOCK	5.0x 7.0	-0.2	0.5	0.86
MM	LOCK	3.0x 7.0	Ctr Ctr		0.70
NN	LOCK	3.0x 7.0	Ctr Ctr		0.54
B	LOCK	6.0x 8.0	0.7-3.7		0.80
C	LOCK	6.0x 6.0	Ctr Ctr		0.88
D	LOCK	6.0x 6.0	Ctr-0.5		0.79
QQ	LOCK	3.0x 7.0	Ctr Ctr		0.45
RR	LOCK	3.0x 7.0	Ctr Ctr		0.49
SS	LOCK	5.0x 7.0	0.2	0.5	0.86
TT	LOCK	3.0x 7.0	Ctr Ctr		0.45
E	LOCK	5.0x 7.0	Ctr-0.2		0.78
E	LOCK	3.0x 9.0	Ctr Ctr		0.00
Z	LOCK	2.0x 4.0	Ctr Ctr		0.57
JJ	LOCK	4.0x 8.0	Ctr Ctr		0.74
J	LOCK	3.0x 4.0	Ctr Ctr		0.91
I	LOCK	6.0x10.0	Ctr 0.2		0.98
II	LOCK	4.0x 6.0	Ctr Ctr		0.49
HH	LOCK	7.0x 8.0	Ctr-0.8		0.76
FF	LOCK	4.0x 8.0	Ctr Ctr		0.57
H	LOCK	8.0x 8.0	-0.5	4.5	0.71
G	LOCK	7.0x 8.0	Ctr-2.2		0.78
EE	LOCK	4.0x 6.0	Ctr Ctr		0.50
F	LOCK	8.0x 8.0	1.1	4.5	0.87
DD	LOCK	2.0x 4.0	Ctr Ctr		0.57

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
Provide connection to bearing for 309 Lbs Horiz Reaction
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.

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 12/28/2005

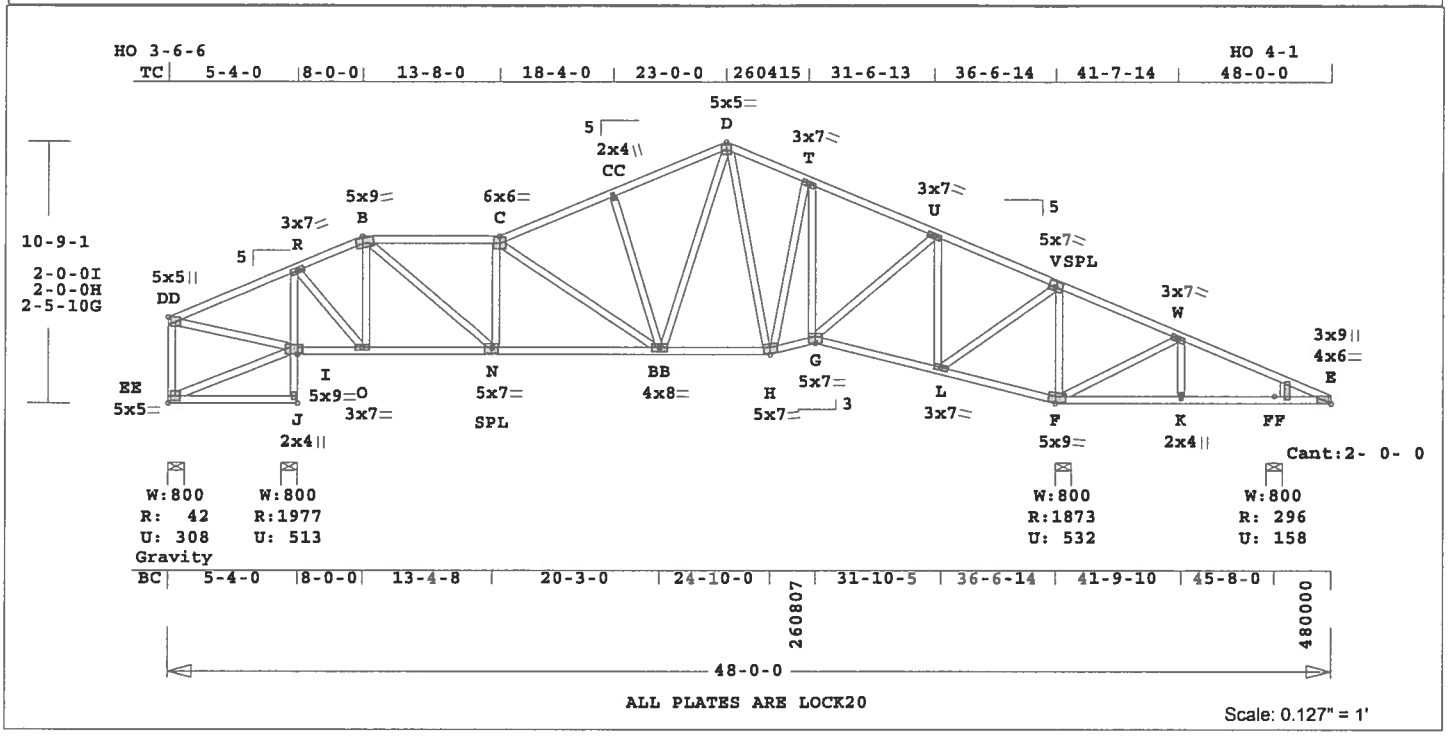
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A1	1	SP	550800	5	0	0	T05122327

U# J#BEACH BEACH RESIDENCE

Wind Speed: 130 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 1743 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A4	1	SP	480000	5	0	0	T05122327

U# J#BEACH BEACH RESIDENCE



ALL PLATES ARE LOCK20

Scale: 0.127" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 406.1 LBS

Online Plus -- Version 18.0.020
RUN DATE: 27-DEC-05

	CSI	-Size-	----Lumber----
TC	0.43	2x 4	SP-#2
BC	0.57	2x 4	SP-#2
CW	0.31	2x 4	SP-#2
WB	0.40	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	48- 0- 0
BC Cont.		0- 0- 0	48- 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 Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
EE	43	308G	8- 0	1- 0
			Hz = -367	
J	1978	514	8- 0	2- 4
F	1873	532	8- 0	2- 2
FF	297	159	8- 0	1- 0
			Hz = 268	

G = Gravity Uplift

Membr	CSI	P Lbs	Axl	CSI-Bnd
----------Top Chords----------				
DD-R	0.43	788 T	0.14	0.29
R -B	0.29	199 C	0.00	0.29
B -C	0.20	1135 C	0.01	0.19
C -CC	0.22	1147 C	0.00	0.22
CC-D	0.22	1067 C	0.00	0.22
D -T	0.18	935 C	0.00	0.18
T -U	0.23	1013 C	0.00	0.23
U -V	0.23	504 C	0.00	0.23
V -W	0.32	578 T	0.10	0.22
W -E	0.21	56 T	0.01	0.20
--------Bottom Chords---------				
EE-J	0.20	19 C	0.00	0.20
I -O	0.09	715 C	0.00	0.09
O -N	0.22	242 T	0.01	0.21
N -BB	0.33	1149 T	0.12	0.21
BB-H	0.28	831 T	0.08	0.20
H -G	0.29	969 T	0.16	0.13
G -L	0.24	480 T	0.08	0.16
L -F	0.57	530 C	0.00	0.57
F -K	0.48	257 T	0.00	0.48
K -E	0.22	257 T	0.00	0.22
----------Chord-Webs----------				
J -I	0.17	1927 C	0.17	0.00
I -R	0.31	1701 C	0.31	0.00
------------Webs------------				
EE-DD	0.06	353 T	WindLd	
EE-I	0.04	336 T		
DD-I	0.24	739 C		
R -O	0.24	1330 T		
O -B	0.24	930 C		
B -N	0.22	1244 T		
N -C	0.17	669 C		
C -BB	0.08	107 C		
CC-BB	0.16	281 C		
BB-D	0.16	474 T		
D -H	0.07	164 T		
H -T	0.21	322 C		
G -T	0.02	144 T		
G -U	0.11	607 T		
L -U	0.36	894 C		
L -V	0.21	1178 T		
F -V	0.40	1397 C		
F -W	0.22	571 C		
K -W	0.04	267 T		

LL Defl -0.06" in F -K L/999
TL Defl -0.07" in EE-J L/713
Shear // Grain in DD-R 0.22

Hz Disp	LL	DL	TL
Jt F	0.03"	0.03"	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
DD	LOCK	5.0x 5.0	Ctr	Ctr	0.78
R	LOCK	3.0x 7.0	Ctr	Ctr	0.80
B	LOCK	5.0x 9.0	1.2	3.3	0.79
C	LOCK	6.0x 6.0	Ctr	Ctr	0.88
CC	LOCK	2.0x 4.0	Ctr	Ctr	0.53
D	LOCK	5.0x 5.0	Ctr	Ctr	0.87
T	LOCK	3.0x 7.0	Ctr	Ctr	0.43
U	LOCK	3.0x 7.0	Ctr	Ctr	0.46
V	LOCK	5.0x 7.0	0.2	0.5	0.86
W	LOCK	3.0x 7.0	Ctr	Ctr	0.43
E	LOCK	4.0x 6.0	Ctr	0.1	0.85
E	LOCK	3.0x 9.0	Ctr	Ctr	0.00
EE	LOCK	5.0x 5.0	Ctr	Ctr	0.78
J	LOCK	2.0x 4.0	Ctr	Ctr	0.76
I	LOCK	5.0x 9.0	Ctr	0.8	0.84
O	LOCK	3.0x 7.0	Ctr	Ctr	0.58
N	LOCK	5.0x 7.0	Ctr	-0.5	0.88
BB	LOCK	4.0x 8.0	Ctr	Ctr	0.55
H	LOCK	5.0x 7.0	0.1	3.0	0.78
G	LOCK	5.0x 7.0	Ctr	-1.1	0.75
L	LOCK	3.0x 7.0	Ctr	Ctr	0.48
F	LOCK	5.0x 9.0	0.9	3.0	0.81
K	LOCK	2.0x 4.0	Ctr	Ctr	0.53

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
Provide connection to bearing for 368 Lbs Horiz Reaction
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: 130 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

Truss Design Engineer: Michael S. Magid
License #: 53681
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 12/28/2005

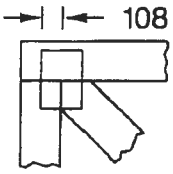
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A4	1	SP	480000	5	0	0	T05122327

U# J#BEACH BEACH RESIDENCE

BC Dead Load : 5.0 psf
Max comp. force 1927 Lbs
Quality Control Factor 1.25

ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



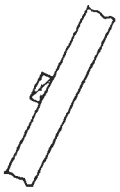
Center plates on joints unless otherwise noted in plate list or on drawing. Dimensions are given in inches (i.e. 1 1/2" or 1.5") or IN-16ths (i.e. 108).

PLATE SIZE

6 x 8

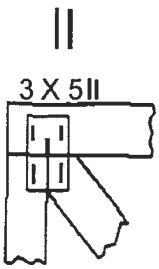
The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots.

LATERAL BRACING



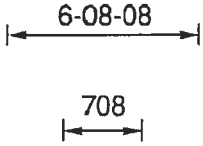
Designates the location for continuous lateral bracing (CLB) for support of individual truss members only. CLBs must be properly anchored or restained to prevent simultaneous buckling of adjacent truss members.

PLATE ORIENTATION



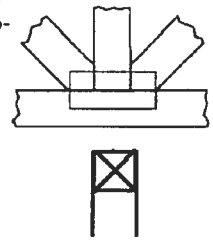
Shown next to plate size, indicates direction of slots in connector plate.

DIMENSIONS



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

BEARING



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

ROBBINS connector plates shall be applied on both faces of truss at each joint. Center the plates, unless indicated otherwise. No loose knots or wane in plate contact area. Splice only where shown. Overall spans assume 4" bearings at each end, unless indicated otherwise. Cutting and fabrication shall be performed on equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and these 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. These designs were prepared in accordance with "National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (TPI), and HUD Design Criteria for Trussed Rafters.

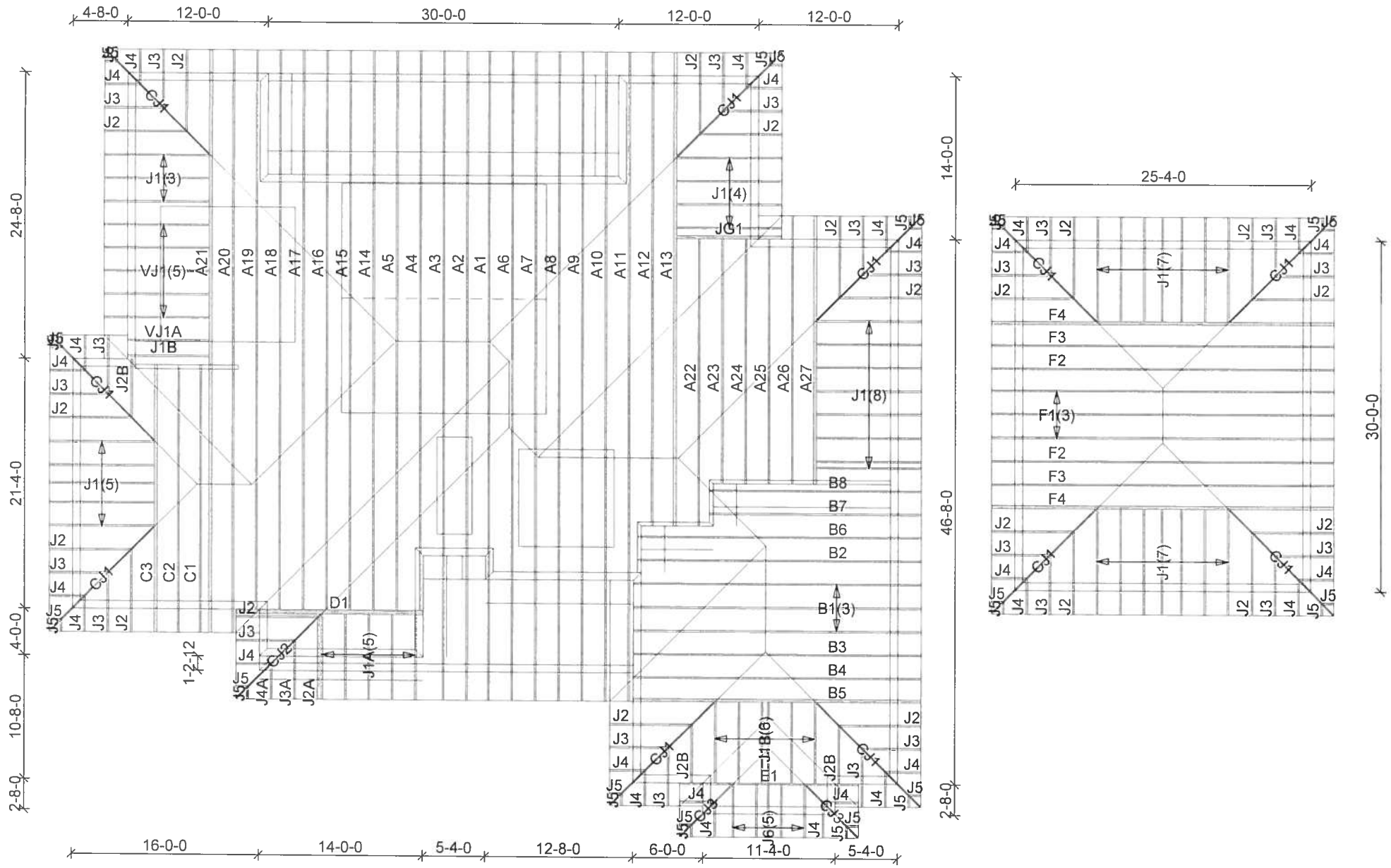
Robbins Eng. Co. bears no responsibility for the erection of trusses, field bracing or permanent truss bracing. Refer to BCSI 1-03 as published by the Truss Plate Institute, 218 North Lee Street, Suite 312, Alexandria, Virginia 22314. Persons erecting trusses are cautioned to seek professional advice 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 the 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 THESE DESIGNS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE TRUSS DESIGN DRAWINGS & VERIFY THAT DATA INCLUDING DIM. & LOADS CONFORM TO ARCH. PLAN/SPECS & FAB. TRUSS PLACEMENT DIAGRAM.

Robbins Engineering, Inc.

Corporate Headquarters

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



Mayo Truss Co. Inc.

362 NE CLYDE AVE.
MAYO, FL 32066

(386)294-3988
(877)-558-6262

BEACH RESIDENCE

COLUMBIA COUNTY

130 MPH ASCE WIND LOAD

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

Account: INDIVIDUAL
Job: BEACH
Designer: M.MURRAY
Checker: M.MURRAY
Date: 12-23-05

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: BEACH - BEACH RESIDENCE

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 - 130 mph
Mean Roof Ht. - 15 ft.
Exposure Catergory - B
Occupancy Factor - 1.00
MWFRS
Enclosed

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T05121429	12/15/2005		62

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 responsibilty of the Building Designer, as defined in ANSI/TPI 1-1995, Section 2.2. Permanent files of the original Truss Specificstion 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. (Sofware - Online Plus)

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

	Date	Mark
1	12/15/05	A1
5	12/15/05	A5
9	12/15/05	A9
13	12/15/05	A13
17	12/15/05	A17
21	12/15/05	A21
25	12/15/05	A25
29	12/15/05	B2
33	12/15/05	B6
37	12/15/05	C2
41	12/15/05	CJ3
45	12/15/05	F2
49	12/15/05	J1A
53	12/15/05	J2B
57	12/15/05	J4A
61	12/15/05	VJ1

	Date	Mark
2	12/15/05	A2
6	12/15/05	A6
10	12/15/05	A10
14	12/15/05	A14
18	12/15/05	A18
22	12/15/05	A22
26	12/15/05	A26
30	12/15/05	B3
34	12/15/05	B7
38	12/15/05	C3
42	12/15/05	D1
46	12/15/05	F3
50	12/15/05	J1B
54	12/15/05	J3
58	12/15/05	J5
62	12/15/05	VJ1A

	Date	Mark
3	12/15/05	A3
7	12/15/05	A7
11	12/15/05	A11
15	12/15/05	A15
19	12/15/05	A19
23	12/15/05	A23
27	12/15/05	A27
31	12/15/05	B4
35	12/15/05	B8
39	12/15/05	CJ1
43	12/15/05	E1
47	12/15/05	F4
51	12/15/05	J2
55	12/15/05	J3A
59	12/15/05	J6

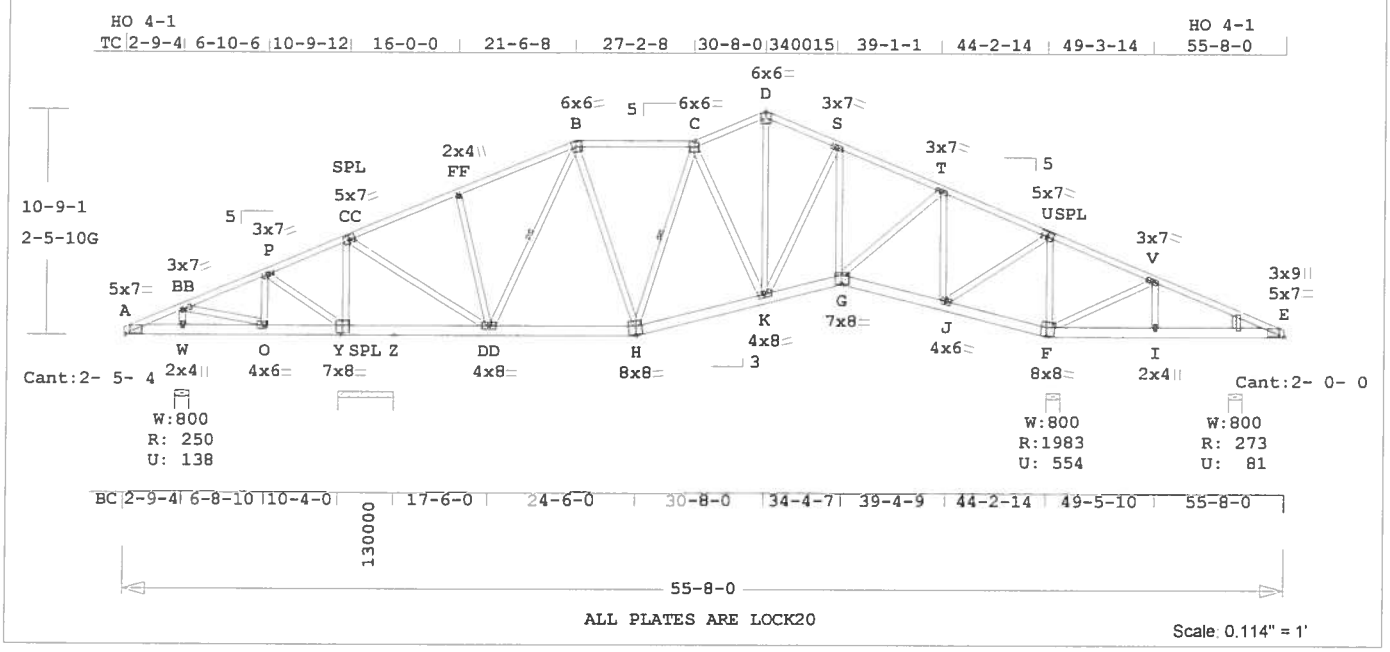
	Date	Mark
4	12/15/05	A4
8	12/15/05	A8
12	12/15/05	A12
16	12/15/05	A16
20	12/15/05	A20
24	12/15/05	A24
28	12/15/05	B1
32	12/15/05	B5
36	12/15/05	C1
40	12/15/05	CJ2
44	12/15/05	F1
48	12/15/05	J1
52	12/15/05	J2A
56	12/15/05	J4
60	12/15/05	JG1

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A1	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 498.5 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.26	2x 6	SP-#2
WB	0.40	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	55- 8- 0
BC Cont.	0- 0- 0	55- 8- 0

WB 1 rows CLB on DD-B
WB 1 rows CLB on H -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	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
W	250	138	8- 0	1- 0
Cont. Brg	10- 4- 0 to 13- 0- 0			
	1946	570	Hz =	310
F	1983	555	8- 0	2- 4
E	273	81	8- 0	1- 0

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -BB	0.15	218 T	0.04	0.11	
BB-P	0.19	282 T	0.05	0.14	
P -CC	0.30	608 T	0.10	0.20	
CC-FF	0.30	744 C	0.00	0.30	
FF-B	0.30	669 C	0.00	0.30	
B -C	0.24	885 C	0.00	0.24	
C -D	0.09	986 C	0.00	0.09	
D -S	0.15	990 C	0.00	0.15	
S -T	0.24	1129 C	0.00	0.24	
T -U	0.24	568 C	0.00	0.24	
U -V	0.34	655 T	0.11	0.23	
V -E	0.22	71 T	0.01	0.21	
--------Bottom Chords--------					
A -W	0.03	187 C	0.00	0.03	
W -O	0.04	187 C	0.00	0.04	
O -Y	0.04	259 C	0.00	0.04	
Y -Z	0.12	0 T	0.00	0.12	
Z -DD	0.12	557 C	0.00	0.12	
DD-H	0.19	780 T	0.09	0.10	
H -K	0.17	1049 T	0.12	0.05	
K -G	0.19	1074 T	0.13	0.06	
G -J	0.16	540 T	0.06	0.10	
J -F	0.26	598 C	0.00	0.26	
F -I	0.24	52 T	0.00	0.24	
I -E	0.14	52 T	0.00	0.14	
----------Webs----------					
W -BB	0.01	158 C			
BB-O	0.01	94 C			
O -P	0.02	182 T			
P -Y	0.10	364 C			
Y -CC	0.38	1588 C			
CC-DD	0.32	1477 T			
FF-DD	0.18	329 C			
DD-B	0.12	411 C			1 Br
B -H	0.05	316 T			
H -C	0.12	435 C			1 Br
C -K	0.20	254 C			
K -D	0.22	564 T			
K -S	0.23	297 C			
G -S	0.01	123 T			
G -T	0.12	669 T			
J -T	0.36	957 C			
J -U	0.24	1305 T			
F -U	0.40	1497 C			
F -V	0.23	615 C			
I -V	0.04	280 T			

LL Defl -0.02" in F -I L/999
TL Defl -0.04" in F -I L/999
LL Cant 0.00" in A -W L/999
Shear // Grain in B -C 0.23
Hz Disp LL DL TL
Jt F 0.02" 0.02" 0.05"

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

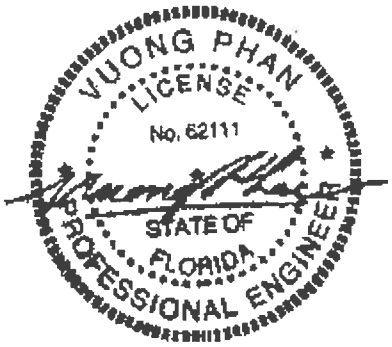
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 7.0	Ctr-0.2		0.78
BB	LOCK	3.0x 7.0	Ctr Ctr		0.45
P	LOCK	3.0x 7.0	Ctr Ctr		0.47
CC	LOCK	5.0x 7.0	-0.2 0.5		0.86
FF	LOCK	2.0x 4.0	Ctr Ctr		0.57
B	LOCK	6.0x 6.0	0.7-3.5		0.77
C	LOCK	6.0x 6.0	Ctr Ctr		0.88
D	LOCK	6.0x 6.0	Ctr-0.5		0.75
S	LOCK	3.0x 7.0	Ctr Ctr		0.60
T	LOCK	3.0x 7.0	Ctr Ctr		0.49
U	LOCK	5.0x 7.0	0.2 0.5		0.86
V	LOCK	3.0x 7.0	Ctr Ctr		0.45
E	LOCK	5.0x 7.0	Ctr-0.2		0.78
E	LOCK	3.0x 9.0	Ctr Ctr		0.00
W	LOCK	2.0x 4.0	Ctr Ctr		0.57
O	LOCK	4.0x 6.0	Ctr Ctr		0.74
Y	LOCK	7.0x 8.0	Ctr-0.8		0.76
DD	LOCK	4.0x 8.0	Ctr Ctr		0.67
H	LOCK	8.0x 8.0	-0.5 4.5		0.82
K	LOCK	4.0x 8.0	Ctr Ctr		0.57
G	LOCK	7.0x 8.0	Ctr-2.2		0.78
J	LOCK	4.0x 6.0	Ctr Ctr		0.50
F	LOCK	8.0x 8.0	1.1 4.5		0.87
I	LOCK	2.0x 4.0	Ctr Ctr		0.57

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
Provide connection to bearing for 309 Lbs Horiz Reaction
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: 130 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed

Truss Design Engineer Vuong Phan
License # 62111
Address P O Box 280055, Tampa, FL 33682



Date Sealed 12/15/2005

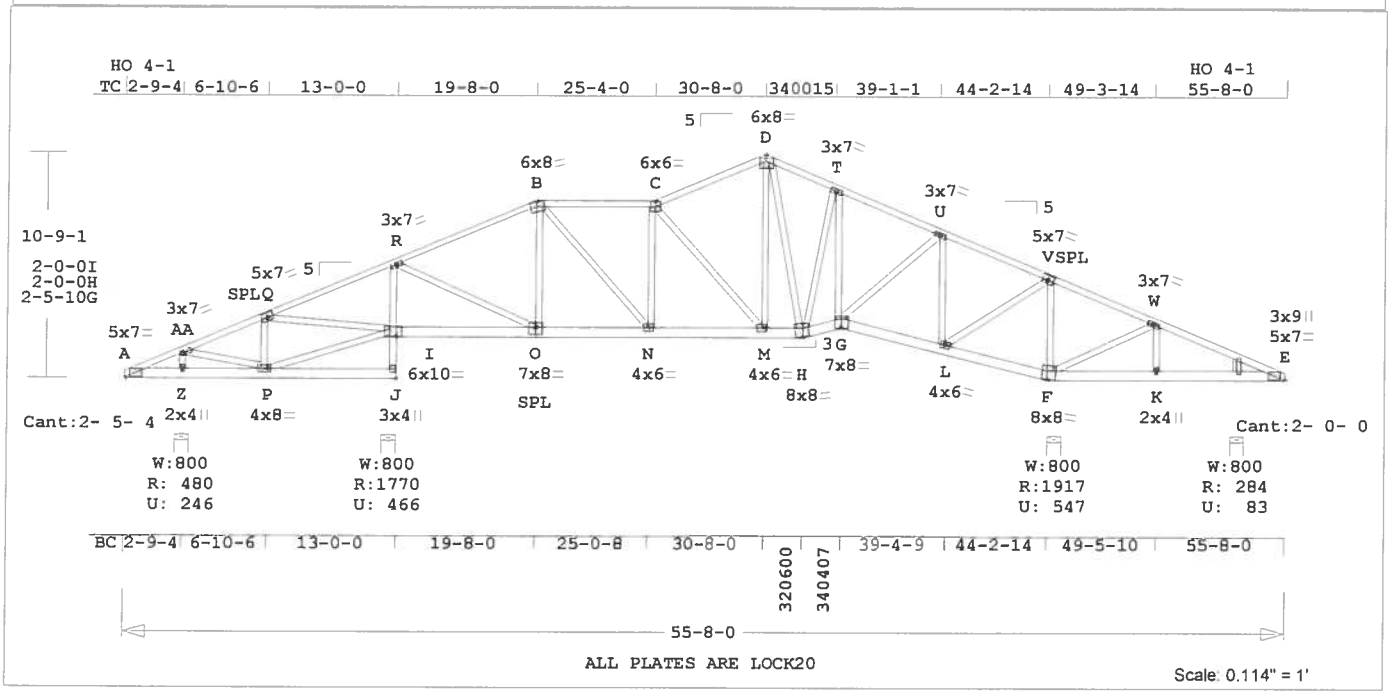
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A1	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1588 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A2	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 498.2 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.58	2x 4	SP-#2
BC	0.25	2x 6	SP-#2
CW	0.27	2x 4	SP-#2
WB	0.39	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	55- 8- 0
BC	Cont.	0- 0- 0	55- 8- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
Z	481	246	8- 0	1- 0
			Hz =	-305
J	1770	467	8- 0	2- 0
F	1918	547	8- 0	2- 3
E	284	83	8- 0	1- 0
			Hz =	309

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -AA	0.12	210	T	0.03 0.09
AA-Q	0.22	93	C	0.00 0.22
Q -R	0.58	475	T	0.09 0.49
R -B	0.49	882	C	0.00 0.49
B -C	0.22	1197	C	0.01 0.21
C -D	0.26	962	C	0.01 0.25
D -T	0.16	977	C	0.00 0.16
T -U	0.24	1057	C	0.00 0.24
U -V	0.24	538	C	0.00 0.24
V -W	0.34	627	T	0.11 0.23
W -E	0.22	64	T	0.01 0.21
Bottom Chords				
A -Z	0.04	183	C	0.00 0.04
Z -P	0.08	288	T	0.00 0.08
P -J	0.10	43	C	0.00 0.10
I -O	0.10	422	C	0.00 0.10
O -N	0.16	811	T	0.06 0.10
N -M	0.19	1202	T	0.14 0.05
M -H	0.12	885	T	0.10 0.02
H -G	0.18	1009	T	0.12 0.06
G -L	0.16	511	T	0.06 0.10
L -F	0.25	572	C	0.00 0.25
F -K	0.23	226	T	0.00 0.23
K -E	0.13	226	T	0.00 0.13
Chord-Webs				
J -I	0.15	1715	C	0.15 0.00
I -R	0.27	1536	C	0.27 0.00
Webs				
Z -AA	0.03	378	C	
AA-P	0.05	286	T	
P -Q	0.02	144	T	
P -I	0.04	300	T	
Q -I	0.25	527	C	
R -O	0.25	1357	T	
O -B	0.21	456	C	
B -N	0.12	583	T	
N -C	0.15	339	C	
C -M	0.37	461	C	
M -D	0.10	431	T	
D -H	0.08	131	T	
H -T	0.19	305	C	
G -T	0.01	131	T	
G -U	0.11	618	T	
L -U	0.34	907	C	
L -V	0.22	1242	T	
F -V	0.39	1441	C	
F -W	0.23	604	C	
K -W	0.04	276	T	

LL Defl -0.02" in F -K L/999
TL Defl -0.04" in F -K L/999
Shear // Grain in R -B 0.27

Hz Disp	LL	DL	TL
Jt F	0.02"	0.02"	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

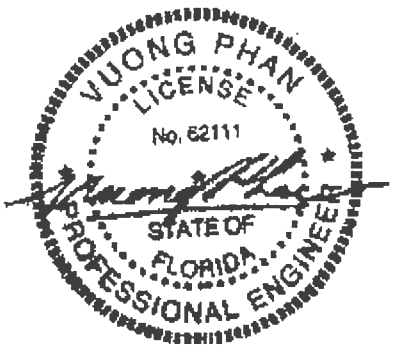
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 7.0	Ctr-0.2		0.78
AA	LOCK	3.0x 7.0	Ctr Ctr		0.45
Q	LOCK	5.0x 7.0	-0.2 0.5		0.86
R	LOCK	3.0x 7.0	Ctr Ctr		0.67
B	LOCK	6.0x 8.0	0.7-3.7		0.79
C	LOCK	6.0x 6.0	Ctr Ctr		0.88
D	LOCK	6.0x 8.0	0.5-1.1		0.86
T	LOCK	3.0x 7.0	Ctr Ctr		0.45
U	LOCK	3.0x 7.0	Ctr Ctr		0.49
V	LOCK	5.0x 7.0	0.2 0.5		0.86
W	LOCK	3.0x 7.0	Ctr Ctr		0.45
E	LOCK	5.0x 7.0	Ctr-0.2		0.78
E	LOCK	3.0x 9.0	Ctr Ctr		0.00
Z	LOCK	2.0x 4.0	Ctr Ctr		0.57
P	LOCK	4.0x 8.0	Ctr Ctr		0.74
J	LOCK	3.0x 4.0	Ctr Ctr		0.91
I	LOCK	6.0x10.0	Ctr 0.2		0.98
O	LOCK	7.0x 8.0	Ctr-0.8		0.76
N	LOCK	4.0x 6.0	Ctr Ctr		0.49
M	LOCK	4.0x 6.0	Ctr Ctr		0.49
H	LOCK	8.0x 8.0	-0.5 4.5		0.71
G	LOCK	7.0x 8.0	Ctr-2.2		0.78
L	LOCK	4.0x 6.0	Ctr Ctr		0.50
F	LOCK	8.0x 8.0	1.1 4.5		0.87
K	LOCK	2.0x 4.0	Ctr Ctr		0.57

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
Provide connection to bearing for 308 Lbs Horiz Reaction
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: 130 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

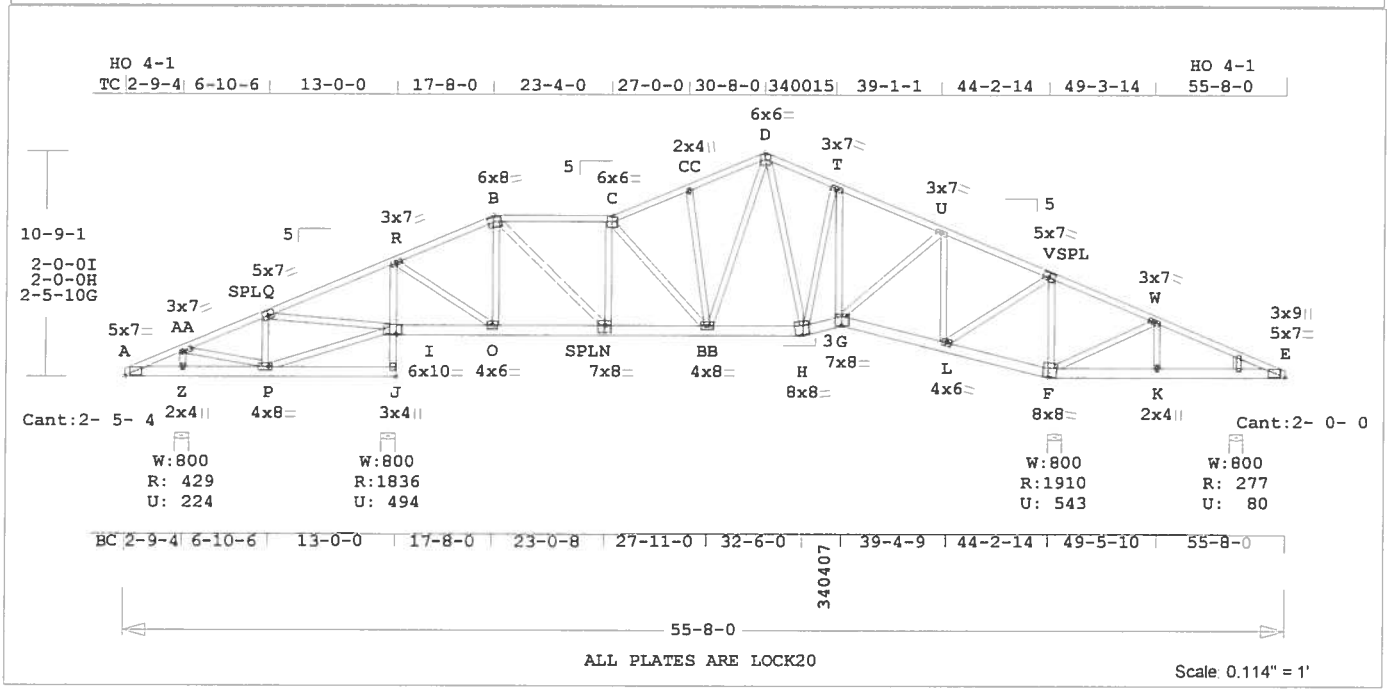
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A2	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1715 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A3	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus℠ APPROX. TRUSS WEIGHT: 501.8 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.47	2x 4	SP-#2
BC	0.25	2x 6	SP-#2
CW	0.28	2x 4	SP-#2
WB	0.38	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	55- 8- 0
BC Cont.	0- 0- 0	55- 8- 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 Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
Z	429	225	8- 0	1- 0
		Hz =	-306	
J	1836	495	8- 0	2- 1
F	1910	543	8- 0	2- 2
E	278	81	8- 0	1- 0
		Hz =	310	

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -AA	0.12	218 T	0.04	0.08
AA-Q	0.26	81 T	0.00	0.26
Q -R	0.47	666 T	0.12	0.35
R -B	0.35	610 C	0.00	0.35
B -C	0.21	1189 C	0.01	0.20
C -CC	0.11	1119 C	0.01	0.10
CC-D	0.13	1089 C	0.00	0.13
D -T	0.17	947 C	0.00	0.17
T -U	0.23	1022 C	0.00	0.23
U -V	0.23	511 C	0.00	0.23
V -W	0.34	642 T	0.11	0.23
W -E	0.22	71 T	0.01	0.21
--------Bottom Chords---------				
A -Z	0.04	191 C	0.00	0.04
Z -P	0.08	285 T	0.00	0.08
P -J	0.10	28 C	0.00	0.10
I -O	0.07	607 C	0.00	0.07
O -N	0.11	563 T	0.04	0.07
N -BB	0.17	1199 T	0.14	0.03
BB-H	0.13	841 T	0.10	0.03
H -G	0.17	976 T	0.11	0.06
G -L	0.15	485 T	0.05	0.10
L -F	0.25	586 C	0.00	0.25
F -K	0.23	231 T	0.00	0.23
K -E	0.13	231 T	0.00	0.13
----------Chord-Webs----------				
J -I	0.16	1781 C	0.16	0.00
I -R	0.28	1627 C	0.28	0.00
------------Webs-------------				
Z -AA	0.03	326 C		
AA-P	0.04	228 T		
P -Q	0.02	173 T		
P -I	0.04	278 T		
Q -I	0.30	645 C		
R -O	0.25	1391 T		
O -B	0.23	672 C		
B -N	0.16	875 T		
N -C	0.17	515 C		
C -BB	0.14	239 C		
CC-BB	0.12	213 C		
BB-D	0.18	513 T		
D -H	0.06	151 T		
H -T	0.19	310 C		
G -T	0.01	131 T		
G -U	0.11	609 T		
L -U	0.34	896 C		
L -V	0.22	1229 T		
F -V	0.38	1429 C		
F -W	0.23	606 C		
K -W	0.04	277 T		

LL Defl -0.02" in F -K L/999
TL Defl -0.04" in F -K L/999
Shear // Grain in Q -R 0.23

Hz Disp	LL	DL	TL
Jt F	0.02"	0.02"	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

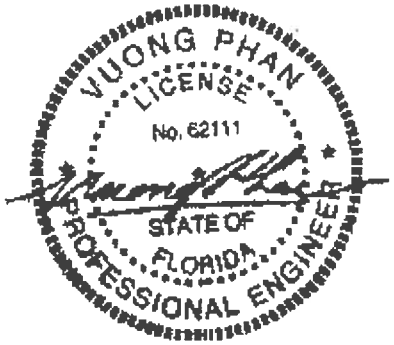
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 7.0	Ctr-0.2		0.78
AA	LOCK	3.0x 7.0	Ctr Ctr		0.45
Q	LOCK	5.0x 7.0	-0.2 0.5		0.86
R	LOCK	3.0x 7.0	Ctr Ctr		0.71
B	LOCK	6.0x 8.0	0.7-3.7		0.81
C	LOCK	6.0x 6.0	Ctr Ctr		0.88
CC	LOCK	2.0x 4.0	Ctr Ctr		0.57
D	LOCK	6.0x 6.0	Ctr-0.5		0.80
T	LOCK	3.0x 7.0	Ctr Ctr		0.45
U	LOCK	3.0x 7.0	Ctr Ctr		0.49
V	LOCK	5.0x 7.0	0.2 0.5		0.86
W	LOCK	3.0x 7.0	Ctr Ctr		0.45
E	LOCK	5.0x 7.0	Ctr-0.2		0.78
E	LOCK	3.0x 9.0	Ctr Ctr		0.00
Z	LOCK	2.0x 4.0	Ctr Ctr		0.57
P	LOCK	4.0x 8.0	Ctr Ctr		0.74
J	LOCK	3.0x 4.0	Ctr Ctr		0.91
I	LOCK	6.0x10.0	Ctr 0.2		0.98
O	LOCK	4.0x 6.0	Ctr Ctr		0.49
N	LOCK	7.0x 8.0	Ctr-0.8		0.76
BB	LOCK	4.0x 8.0	Ctr Ctr		0.55
H	LOCK	8.0x 8.0	-0.5 4.5		0.90
G	LOCK	7.0x 8.0	Ctr-2.2		0.78
L	LOCK	4.0x 6.0	Ctr Ctr		0.50
F	LOCK	8.0x 8.0	1.1 4.5		0.87
K	LOCK	2.0x 4.0	Ctr Ctr		0.57

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
Provide connection to bearing for 309 Lbs Horiz Reaction
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: 130 mph
Mean Roof Height: 15-0

Truss Design Engineer Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

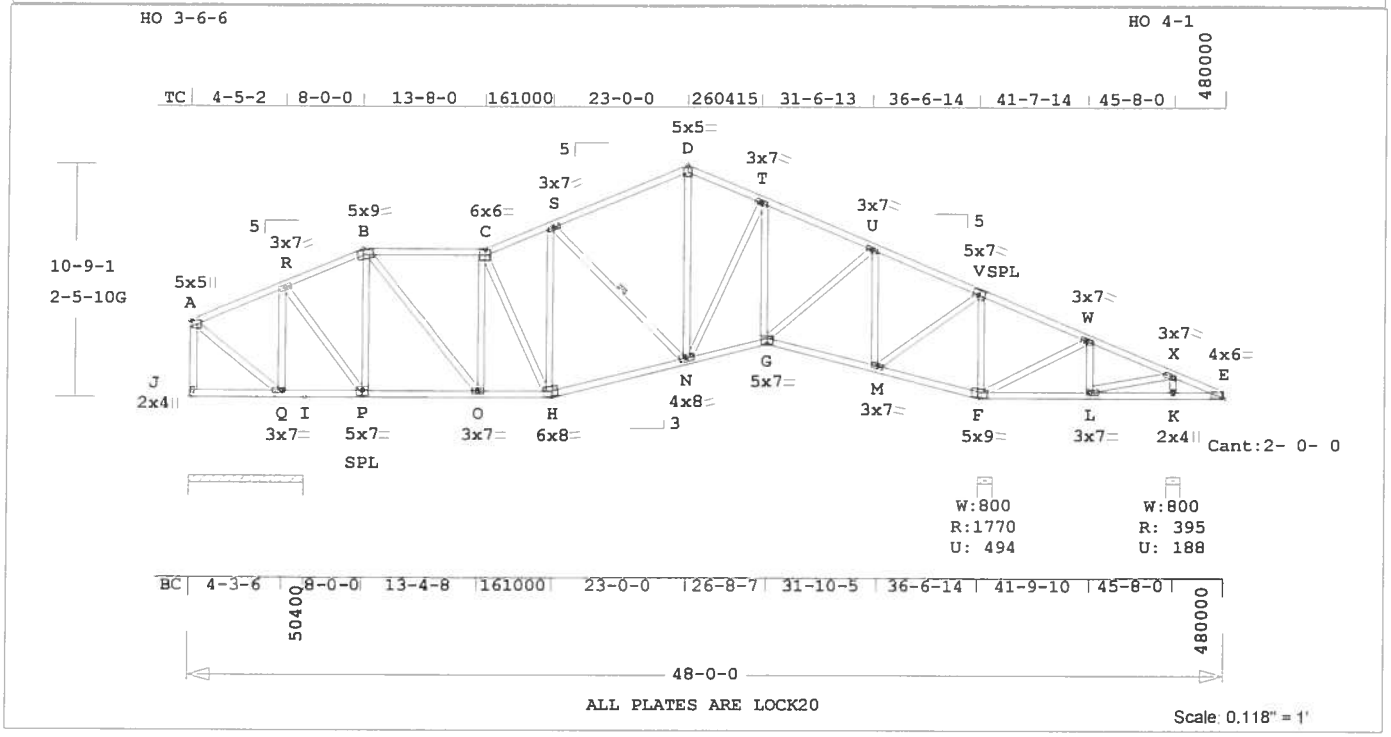
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A3	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

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 1781 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A4	1	SP	480000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 415.4 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.55	2x 4	SP-#2
WB	0.53	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

WB 1 rows CLB on S -N
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 Req'd In-Sx	In-Sx
Cont.	Brg 0- 0- 0	to	5- 4- 0	
	1674	479	Hz =	368
F	1770	495	8- 0	2- 0
K	396	189	8- 0	1- 0

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -R	0.33	637 T	0.11 0.22
R -B	0.22	251 C	0.00 0.22
B -C	0.23	888 C	0.00 0.23
C -S	0.31	1007 C	0.00 0.31
S -D	0.32	969 C	0.01 0.31
D -T	0.17	962 C	0.00 0.17
T -U	0.26	1138 C	0.01 0.25
U -V	0.25	657 C	0.00 0.25
V -W	0.29	396 T	0.07 0.22
W -X	0.22	125 C	0.00 0.22
X -E	0.12	191 T	0.03 0.09
Bottom Chords			
J -Q	0.09	0 T	0.00 0.09
Q -I	0.11	0 T	0.00 0.11
I -P	0.11	577 C	0.00 0.11
P -O	0.13	268 T	0.02 0.11
O -H	0.22	898 T	0.15 0.07
H -N	0.27	979 T	0.10 0.17
N -G	0.30	1078 T	0.18 0.12
G -M	0.26	626 T	0.10 0.16
M -F	0.55	358 C	0.00 0.55
F -L	0.48	93 T	0.01 0.47
L -K	0.24	162 C	0.00 0.24
K -E	0.03	162 C	0.00 0.03
Webs			
J -A	0.11	597 T	WindLd
A -Q	0.25	738 C	
Q -R	0.53	1663 C	
R -P	0.24	1306 T	
P -B	0.52	969 C	
B -O	0.25	1027 T	
O -C	0.37	692 C	
C -H	0.02	111 T	
H -S	0.19	251 C	
S -N	0.02	165 T	1 Br
N -D	0.16	451 T	
N -T	0.29	358 C	
G -T	0.02	189 T	
G -U	0.10	570 T	
M -U	0.35	866 C	
M -V	0.21	1148 T	
F -V	0.39	1365 C	
F -W	0.20	512 C	
L -W	0.03	221 T	
L -X	0.04	264 T	
K -X	0.03	362 C	

LL Defl -0.05" in F -L L/999
TL Defl -0.11" in F -L L/867
Shear // Grain in S -D 0.24

Hz Disp	LL	DL	TL
Jt F	0.03"	0.03"	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

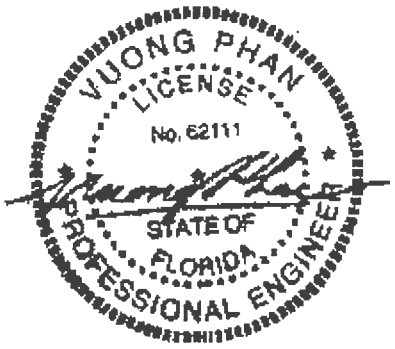
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	Ctr	Ctr	0.78
R	LOCK	3.0x 7.0	Ctr	Ctr	0.82
B	LOCK	5.0x 9.0	1.2-3.3		0.79
C	LOCK	6.0x 6.0	Ctr	Ctr	0.88
S	LOCK	3.0x 7.0	Ctr	Ctr	0.48
D	LOCK	5.0x 5.0	Ctr	Ctr	0.80
T	LOCK	3.0x 7.0	Ctr	Ctr	0.57
U	LOCK	3.0x 7.0	Ctr	Ctr	0.46
V	LOCK	5.0x 7.0	0.2	0.5	0.86
W	LOCK	3.0x 7.0	Ctr	Ctr	0.43
X	LOCK	3.0x 7.0	Ctr	Ctr	0.43
E	LOCK	4.0x 6.0	Ctr	0.1	0.85
J	LOCK	2.0x 4.0	Ctr	Ctr	0.65
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.47
P	LOCK	5.0x 7.0	Ctr	-0.5	0.88
O	LOCK	3.0x 7.0	Ctr	Ctr	0.52
H	LOCK	6.0x 8.0	-0.9	3.5	0.80
N	LOCK	4.0x 8.0	Ctr	Ctr	0.54
G	LOCK	5.0x 7.0	Ctr-1.1		0.75
M	LOCK	3.0x 7.0	Ctr	Ctr	0.47
F	LOCK	5.0x 9.0	0.9	3.0	0.81
L	LOCK	3.0x 7.0	Ctr	Ctr	0.94
K	LOCK	2.0x 4.0	Ctr	Ctr	0.53

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
Provide connection to bearing for 367 Lbs Horiz Reaction
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: 130 mph
Mean Roof Height: 15-0
Exposure Category: B

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

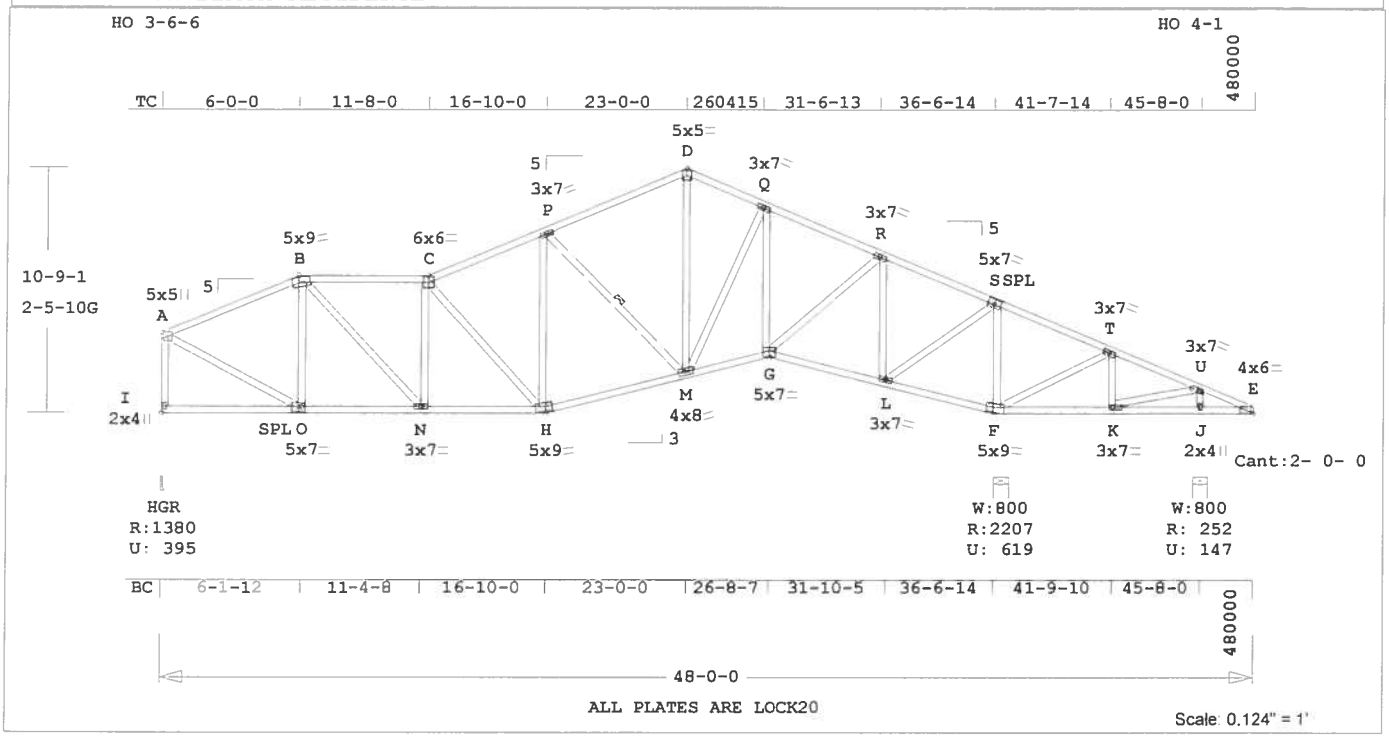
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A4	1	SP	480000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

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 1663 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A5	1	SP	480000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 394.5 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.44	2x 4	SP-#2
BC	0.68	2x 4	SP-#2
WB	0.49	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 0- 0

WB 1 rows CLB on P -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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
I	1381	395	3- 8	1-10
			Hz =	-367
F	2207	620	8- 0	2- 8
J	252	147	8- 0	1- 0
			Hz =	268

Membr	CSI	P Lbs	Axl-CSI-Bnd	
		Top Chords		
A -B	0.44	1300 C	0.02	0.42
B -C	0.26	1834 C	0.02	0.24
C -P	0.39	1636 C	0.01	0.38
P -D	0.39	1289 C	0.01	0.38
D -Q	0.17	1280 C	0.01	0.16
Q -R	0.26	1401 C	0.01	0.25
R -S	0.25	667 C	0.00	0.25
S -T	0.33	708 T	0.10	0.23
T -U	0.25	136 T	0.02	0.23
U -E	0.11	206 T	0.03	0.08
		Bottom Chords		
I -O	0.22	308 T	0.00	0.22
O -N	0.34	1214 T	0.12	0.22
N -H	0.36	1843 T	0.30	0.06
H -M	0.35	1571 T	0.26	0.09
M -G	0.38	1332 T	0.22	0.16
G -L	0.28	636 T	0.10	0.18
L -F	0.68	651 C	0.00	0.68
F -K	0.59	212 T	0.00	0.59
K -J	0.29	249 T	0.00	0.29
J -E	0.04	176 C	0.00	0.04
		Webs		
I -A	0.20	1329 C	WindLd	
A -O	0.25	1374 T		
O -B	0.21	526 C		
B -N	0.19	900 T		
N -C	0.23	560 C		
C -H	0.33	467 C		
H -P	0.03	211 T		
P -M	0.12	482 C		1 Br
M -D	0.24	699 T		
M -Q	0.20	245 C		
G -Q	0.01	125 T		
G -R	0.16	873 T		
L -R	0.46	1158 C		
L -S	0.27	1502 T		
F -S	0.49	1690 C		
F -T	0.24	610 C		
K -T	0.04	279 T		
K -U	0.01	85 C		
J -U	0.02	233 C		

LL Defl -0.06" in F -K L/999
TL Defl -0.13" in F -K L/734
Shear // Grain in P -D 0.24

Hz Disp	LL	DL	TL
Jt F	0.05"	0.05"	0.09"

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

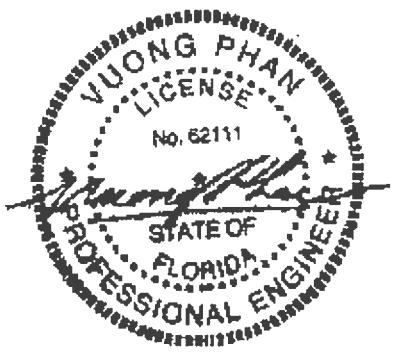
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0 Ctr Ctr			0.78
B	LOCK	5.0x 9.0	1.2	-3.3	0.79
C	LOCK	6.0x 6.0 Ctr Ctr			0.88
P	LOCK	3.0x 7.0 Ctr Ctr			0.48
D	LOCK	5.0x 5.0 Ctr Ctr			0.80
Q	LOCK	3.0x 7.0 Ctr Ctr			0.57
R	LOCK	3.0x 7.0 Ctr Ctr			0.46
S	LOCK	5.0x 7.0	0.2	0.5	0.86
T	LOCK	3.0x 7.0 Ctr Ctr			0.43
U	LOCK	3.0x 7.0 Ctr Ctr			0.43
E	LOCK	4.0x 6.0 Ctr	0.1	0.5	0.85
I	LOCK	2.0x 4.0 Ctr Ctr			0.65
O	LOCK	5.0x 7.0 Ctr	-0.5	0.5	0.88
N	LOCK	3.0x 7.0 Ctr Ctr			0.50
H	LOCK	5.0x 9.0	-0.9	3.0	0.78
M	LOCK	4.0x 8.0 Ctr Ctr			0.54
G	LOCK	5.0x 7.0 Ctr	-1.1	0.5	0.75
L	LOCK	3.0x 7.0 Ctr Ctr			0.61
F	LOCK	5.0x 9.0	0.9	3.0	0.81
K	LOCK	3.0x 7.0 Ctr Ctr			0.94
J	LOCK	2.0x 4.0 Ctr Ctr			0.53

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
Provide connection to bearing for 367 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: 130 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

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

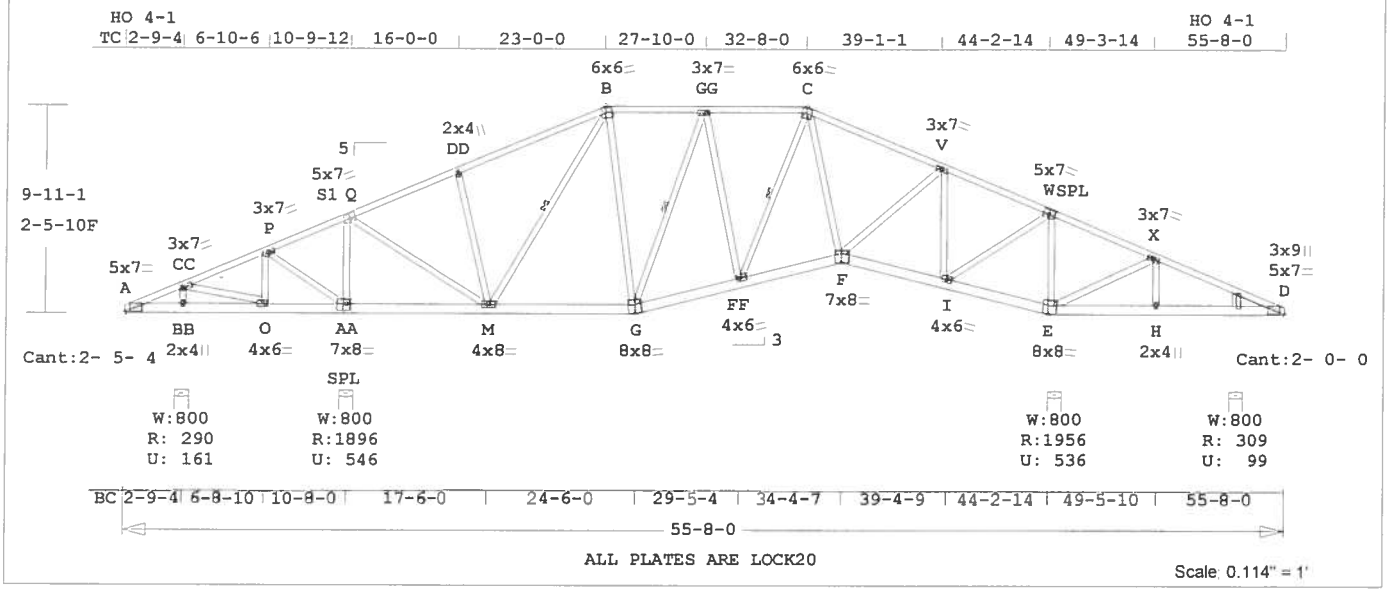
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A5	1	SP	480000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

BC Dead Load : 5.0 psf
Max comp. force 1834 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A6	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



ALL PLATES ARE LOCK20

Scale: 0.114" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 489.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	Size	Lumber
TC	0.44	2x 4	SP-#2
BC	0.26	2x 6	SP-#2
WB	0.40	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	55- 8- 0
BC	Cont.	0- 0- 0	55- 8- 0

WB 1 rows CLB on M -B
WB 1 rows CLB on G -GG
WB 1 rows CLB on FF-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	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
BB	291	161	8- 0	1- 0
		Hz =	-283	
AA	1897	546	8- 0	2- 2
E	1956	537	8- 0	2- 3
D	310	100	8- 0	1- 0
		Hz =	286	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -CC	0.14	211	T	0.03	0.11
CC-P	0.18	227	T	0.04	0.14
P -S1	0.26	506	T	0.09	0.17
S1-DD	0.44	847	C	0.00	0.44
DD-B	0.44	765	C	0.00	0.44
B -GG	0.25	894	C	0.00	0.25
GG-C	0.21	1040	C	0.00	0.21
C -V	0.38	1178	C	0.01	0.37
V -W	0.37	651	C	0.00	0.37
W -X	0.30	577	T	0.10	0.20
X -D	0.22	62	T	0.00	0.22
Bottom Chords					
A -BB	0.04	181	C	0.00	0.04
BB-O	0.04	271	T	0.00	0.04
O -AA	0.11	207	C	0.00	0.11
AA-M	0.13	466	C	0.00	0.13
M -G	0.19	861	T	0.06	0.13
G -FF	0.16	1052	T	0.12	0.04
FF-F	0.19	1085	T	0.13	0.06
F -I	0.17	626	T	0.07	0.10
I -E	0.26	526	C	0.00	0.26
E -H	0.24	230	T	0.00	0.24
H -D	0.13	230	T	0.00	0.13
Webs					
BB-CC	0.02	187	C		
CC-O	0.01	87	C		
O -P	0.02	132	T		
P -AA	0.08	314	C		
AA-S1	0.38	1575	C		
S1-M	0.31	1490	T		
DD-M	0.22	388	C		
M -B	0.12	321	C		1 Br
B -G	0.05	264	T		
G -GG	0.12	378	C		1 Br
GG-FF	0.02	154	T		
FF-C	0.03	140	C		1 Br
C -F	0.02	182	T		
F -V	0.11	616	T		
I -V	0.37	973	C		
I -W	0.24	1320	T		
E -W	0.40	1490	C		
E -X	0.23	599	C		
H -X	0.04	271	T		

LL Defl -0.02" in E -H L/999
TL Defl -0.05" in E -H L/999
LL Cant 0.00" in A -BB L/999
Shear // Grain in DD-B 0.27

Hz Disp	LL	DL	TL
Jt E	0.02"	0.02"	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	5.0x 7.0	Ctr-0.2		0.78
CC	LOCK	3.0x 7.0	Ctr	Ctr	0.45
P	LOCK	3.0x 7.0	Ctr	Ctr	0.47
S1	LOCK	5.0x 7.0	-0.2	0.5	0.86
DD	LOCK	2.0x 4.0	Ctr	Ctr	0.57
B	LOCK	6.0x 6.0	0.7-3.5		0.75
GG	LOCK	3.0x 7.0	Ctr	Ctr	0.58
C	LOCK	6.0x 6.0	-0.2-3.7		0.93
V	LOCK	3.0x 7.0	Ctr	Ctr	0.49
W	LOCK	5.0x 7.0	0.2	0.5	0.86
X	LOCK	3.0x 7.0	Ctr	Ctr	0.45
D	LOCK	5.0x 7.0	Ctr-0.2		0.78
D	LOCK	3.0x 9.0	Ctr	Ctr	0.00
BB	LOCK	2.0x 4.0	Ctr	Ctr	0.57
O	LOCK	4.0x 6.0	Ctr	Ctr	0.74
AA	LOCK	7.0x 8.0	Ctr-0.8		0.76
M	LOCK	4.0x 8.0	Ctr	Ctr	0.68
G	LOCK	8.0x 8.0	-0.5	4.5	0.80
FF	LOCK	4.0x 6.0	Ctr	Ctr	0.51
F	LOCK	7.0x 8.0	Ctr-2.2		0.73
I	LOCK	4.0x 6.0	Ctr	Ctr	0.50
E	LOCK	8.0x 8.0	1.1	4.5	0.87
H	LOCK	2.0x 4.0	Ctr	Ctr	0.57

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

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

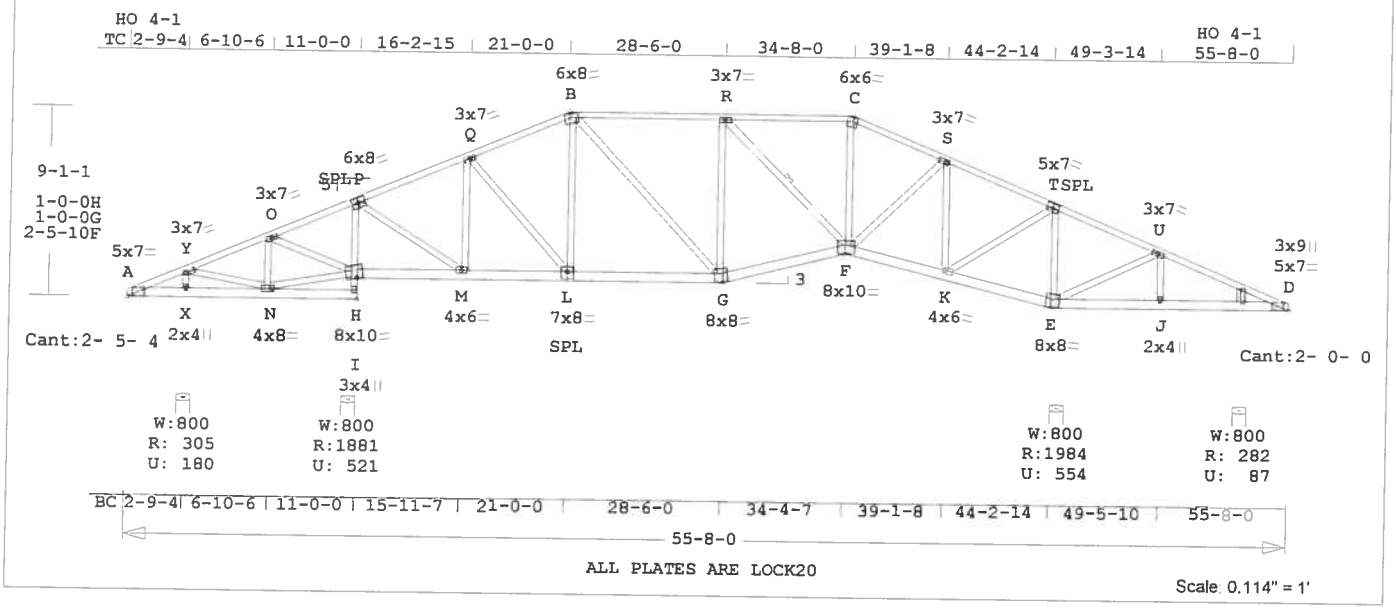
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1575 Lbs
Quality Control Factor 1.25

Truss Design Engineer Vuong Phan
License # 62111
Address P O Box 280055, Tampa FL 33682

Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A7	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus℠ APPROX. TRUSS WEIGHT: 476.4 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	Size	Lumber
TC	0.51	2x 4	SP-#2
BC	0.26	2x 6	SP-#2
CW	0.30	2x 4	SP-#2
WB	0.40	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	55- 8- 0
BC	Cont.	0- 0- 0	55- 8- 0

WB 1 rows CLB on R -F
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
X	305	181	8- 0	1- 0
			Hz =	-257
I	1882	522	8- 0	2- 2
E	1984	554	8- 0	2- 4
D	282	87	8- 0	1- 0
			Hz =	261

Membr	CSI	P Lbs		Axl-CSI-Bnd	
Top Chords					
A -Y	0.14	213	T	0.03	0.11
Y -O	0.18	198	T	0.04	0.14
O -P	0.34	640	T	0.11	0.23
P -Q	0.23	708	C	0.00	0.23
Q -B	0.22	1022	C	0.00	0.22
B -R	0.51	1150	C	0.00	0.51
R -C	0.51	1072	C	0.00	0.51
C -S	0.21	1164	C	0.01	0.20
S -T	0.25	608	C	0.00	0.25
T -U	0.36	634	T	0.11	0.25
U -D	0.22	71	T	0.01	0.21
Bottom Chords					
A -X	0.03	183	C	0.00	0.03
X -N	0.04	244	T	0.00	0.04
N -I	0.04	83	C	0.00	0.04
H -M	0.08	581	C	0.00	0.08
M -L	0.16	653	T	0.04	0.12
L -G	0.20	944	T	0.11	0.09
G -F	0.20	1189	T	0.14	0.06
F -K	0.15	578	T	0.07	0.08
K -E	0.26	577	C	0.00	0.26
E -J	0.24	199	T	0.00	0.24
J -D	0.14	199	T	0.00	0.14
Chord-Webs					
I -H	0.18	1845	C	0.02	0.16
H -P	0.30	1630	C	0.30	0.00
Webs					
X -Y	0.02	209	C		
Y -N	0.02	99	C		
N -O	0.02	191	T		
N -H	0.02	177	T		
O -H	0.10	438	C		
P -M	0.27	1481	T		
M -Q	0.29	748	C		
Q -L	0.08	434	T		
L -B	0.12	170	C		
B -G	0.17	296	T		
G -R	0.27	377	C		
R -F	0.02	140	T		1 Br
F -C	0.03	230	T		
F -S	0.12	688	T		
K -S	0.37	964	C		
K -T	0.24	1310	T		
E -T	0.40	1503	C		
E -U	0.23	607	C		
J -U	0.04	279	T		

LL Defl -0.02" in E -J L/999
TL Defl -0.04" in E -J L/999
Shear // Grain in B -R 0.31
Hz Disp LL DL TL
Jt E 0.02" 0.02" 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

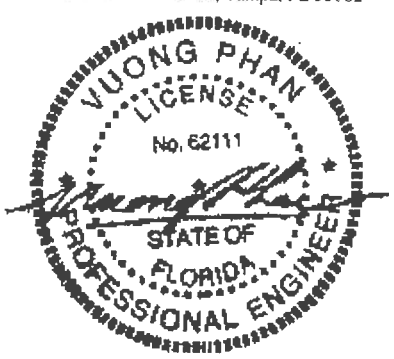
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 7.0	Ctr	-0.2	0.78
Y	LOCK	3.0x 7.0	Ctr	Ctr	0.45
O	LOCK	3.0x 7.0	Ctr	Ctr	0.45
P	LOCK	6.0x 8.0	Ctr	Ctr	0.86
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.52
B	LOCK	6.0x 8.0	0.7-3.7		0.80
R	LOCK	3.0x 7.0	Ctr	Ctr	0.52
C	LOCK	6.0x 6.0	-0.7-3.5		0.75
S	LOCK	3.0x 7.0	Ctr	Ctr	0.50
T	LOCK	5.0x 7.0	0.2	0.5	0.86
U	LOCK	3.0x 7.0	Ctr	Ctr	0.45
D	LOCK	5.0x 7.0	Ctr	-0.2	0.78
D	LOCK	3.0x 9.0	Ctr	Ctr	0.00
X	LOCK	2.0x 4.0	Ctr	Ctr	0.57
N	LOCK	4.0x 8.0	Ctr	Ctr	0.74
I	LOCK	3.0x 4.0	Ctr	Ctr	0.91
H	LOCK	8.0x10.0	Ctr	1.0	0.75
M	LOCK	4.0x 6.0	Ctr	Ctr	0.49
L	LOCK	7.0x 8.0	Ctr	-0.8	0.76
G	LOCK	8.0x 8.0	-1.1	4.5	0.72
F	LOCK	8.0x10.0	0.5-1.7		0.63
K	LOCK	4.0x 6.0	Ctr	Ctr	0.50
E	LOCK	8.0x 8.0	1.1	4.5	0.87
J	LOCK	2.0x 4.0	Ctr	Ctr	0.57

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
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: 130 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 1845 Lbs
Quality Control Factor 1.25

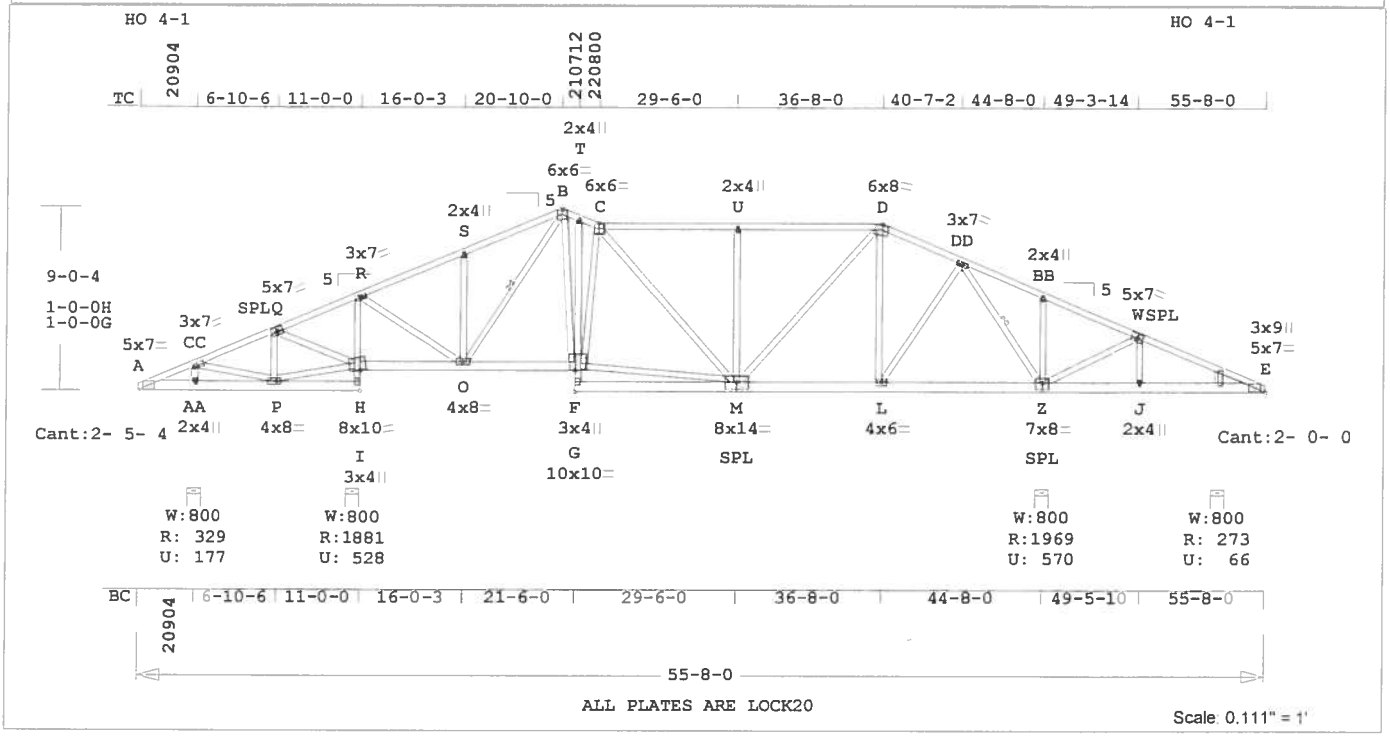
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A8	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 519.1 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.54	2x 4	SP-#2
BC	0.22	2x 6	SP-#2
CW	0.31	2x 4	SP-#2
WB	0.49	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	55- 8- 0
BC Cont.		0- 0- 0	55- 8- 0

WB 1 rows CLB on O -B
WB 1 rows CLB on DD-Z
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 Req'd In-Sx	In-Sx
AA	329	178	8- 0	1- 0
			Hz =	-254
I	1882	529	8- 0	2- 2
Z	1969	571	8- 0	2- 4
E	273	67	8- 0	1- 0
			Hz =	257

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -CC	0.14	211	T	0.03	0.11
CC-Q	0.17	161	T	0.03	0.14
Q -R	0.31	584	T	0.10	0.21
R -S	0.25	769	C	0.00	0.25
S -B	0.25	779	C	0.00	0.25
B -T	0.13	1079	C	0.00	0.13
T -C	0.12	1183	C	0.01	0.11
C -U	0.54	1202	C	0.01	0.53
U -D	0.54	1202	C	0.01	0.53
D -DD	0.11	851	C	0.00	0.11
DD-BB	0.29	503	T	0.07	0.22
BB-W	0.31	510	T	0.09	0.22
W -E	0.20	120	T	0.02	0.18
Bottom Chords					
A -AA	0.04	181	C	0.00	0.04
AA-P	0.04	240	T	0.00	0.04
P -I	0.04	70	C	0.00	0.04
H -O	0.08	531	C	0.00	0.08
O -G	0.19	970	T	0.11	0.08
F -M	0.16	73	T	0.00	0.16
M -L	0.22	792	T	0.06	0.16
L -Z	0.18	405	T	0.02	0.16
Z -J	0.16	184	T	0.00	0.16
J -E	0.03	184	T	0.00	0.03
Chord-Webs					
I -H	0.17	1845	C	0.17	0.00
H -R	0.31	1642	C	0.31	0.00
F -G	0.16	129	T	0.01	0.15
G -T	0.05	229	T	0.05	0.00
Webs					
AA-CC	0.02	231	C		
CC-P	0.02	98	C		
P -Q	0.02	180	T		
P -H	0.02	170	T		
Q -H	0.10	421	C		
R -O	0.27	1499	T		
O -S	0.12	321	C		
O -B	0.12	471	C		1 Br
B -G	0.17	814	T		
G -C	0.49	806	C		
G -M	0.20	1103	T		
C -M	0.11	88	C		
M -U	0.35	469	C		
M -D	0.24	613	T		
L -D	0.33	445	C		
L -DD	0.12	701	T		
DD-Z	0.30	1594	C		1 Br
Z -BB	0.07	285	C		
Z -W	0.14	412	C		
J -W	0.02	148	T		

LL Defl -0.05" in F -M L/999
TL Defl -0.13" in F -M L/999
LL Cant 0.00" in A -AA L/999
Shear // Grain in C -U 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 - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 7.0	Ctr-0.2		0.78
CC	LOCK	3.0x 7.0	Ctr Ctr		0.45
Q	LOCK	5.0x 7.0	-0.2 0.5		0.86
R	LOCK	3.0x 7.0	Ctr Ctr		0.72
S	LOCK	2.0x 4.0	Ctr Ctr		0.57
B	LOCK	6.0x 6.0	Ctr-0.5		0.75
T	LOCK	2.0x 4.0	Ctr Ctr		0.25
C	LOCK	6.0x 6.0	Ctr Ctr		0.88
U	LOCK	2.0x 4.0	Ctr Ctr		0.57
D	LOCK	6.0x 8.0	-0.7-3.7		0.79
DD	LOCK	3.0x 7.0	Ctr Ctr		0.55
BB	LOCK	2.0x 4.0	Ctr Ctr		0.57
W	LOCK	5.0x 7.0	0.2 0.5		0.86
E	LOCK	5.0x 7.0	Ctr-0.2		0.78
E	LOCK	3.0x 9.0	Ctr Ctr		0.00
AA	LOCK	2.0x 4.0	Ctr Ctr		0.57
P	LOCK	4.0x 8.0	Ctr Ctr		0.74
I	LOCK	3.0x 4.0	Ctr Ctr		0.91
H	LOCK	8.0x10.0	Ctr 1.0		0.75
O	LOCK	4.0x 8.0	Ctr Ctr		0.60
G	LOCK	10.0x10.0	Ctr 2.2		0.81
F	LOCK	3.0x 4.0	Ctr Ctr		0.91
M	LOCK	8.0x14.0	Ctr-0.2		0.76
L	LOCK	4.0x 6.0	Ctr Ctr		0.51
Z	LOCK	7.0x 8.0	Ctr-0.8		0.76
J	LOCK	2.0x 4.0	Ctr Ctr		0.57

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: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 12/15/2005

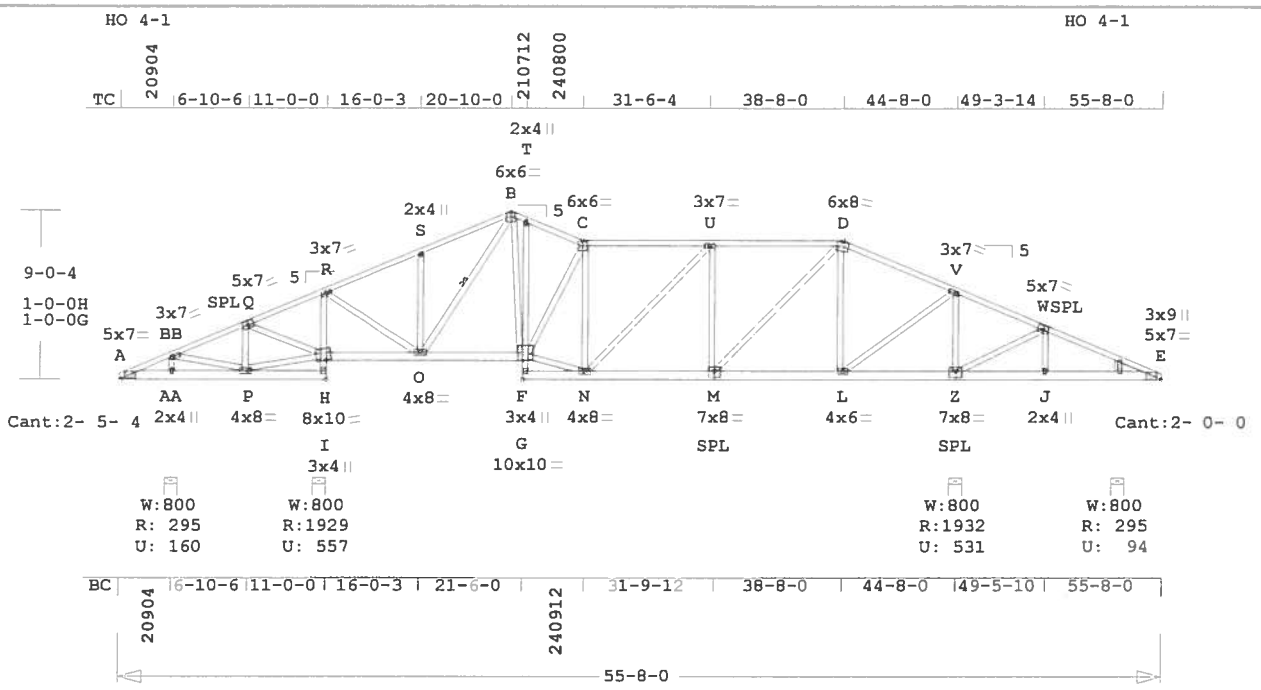
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A8	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

FBC2004
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: 130 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 1845 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A9	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 504.0 LBS

```
Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

     CSI -Size- ----Lumber----
TC  0.49  2x 4  SP-#2
BC  0.21  2x 6  SP-#2
CW  0.31  2x 4  SP-#2
WB  0.41  2x 4  SP-#2
WG   ---  2x 8  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC Cont.      0- 0- 0 55- 8- 0
 BC Cont.      0- 0- 0 55- 8- 0
 WB 1 rows CLB on O -B
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
AA    296   161  8- 0  1- 0
                Hz =  -254
I    1929   558  8- 0  2- 3
Z    1933   532  8- 0  2- 3
E     296    94  8- 0  1- 0
                Hz =   257

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -BB 0.14   214 T  0.03  0.11
BB-Q  0.18   212 T  0.04  0.14
Q -R  0.33   667 T  0.12  0.21
R -S  0.25   729 C  0.00  0.25
S -B  0.25   739 C  0.00  0.25
B -T  0.15  1071 C  0.00  0.15
T -C  0.11  1138 C  0.01  0.10
C -U  0.49  1275 C  0.01  0.48
U -D  0.49  1266 C  0.01  0.48
D -V  0.34   734 C  0.00  0.34
V -W  0.42   459 T  0.08  0.34
W -E  0.17    93 T  0.02  0.15
--------Bottom Chords---------
A -AA 0.03   184 C  0.00  0.03
AA-P  0.04   240 T  0.00  0.04
P -I  0.04    74 C  0.00  0.04
H -O  0.08   608 C  0.00  0.08
O -G  0.17   958 T  0.11  0.06
F -N  0.07    34 T  0.00  0.07
N -M  0.21  1266 T  0.15  0.06
M -L  0.17   680 T  0.05  0.12
L -Z  0.10   415 C  0.00  0.10
Z -J  0.10   196 T  0.00  0.10
J -E  0.04   196 T  0.00  0.04
----------Chord-Webs----------
I -H  0.17  1893 C  0.02  0.15
H -R  0.31  1685 C  0.31  0.00
F -G  0.07    31 T  0.00  0.07
G -T  0.02    73 T  0.02  0.00
-------------Webs-------------
AA-BB 0.01   200 C
BB-P  0.02   102 C
P -Q  0.03   197 T
P -H  0.02   181 T
Q -H  0.11   453 C
R -O  0.28  1547 T
O -S  0.12   321 C
O -B  0.13   515 C        1 Br
B -G  0.19   840 T
G -C  0.28   507 C
G -N  0.24  1305 T
N -C  0.17   292 C
N -U  0.03    75 T
M -U  0.27   454 C
M -D  0.27   836 T
L -D  0.41   680 C
L -V  0.24  1349 T
Z -V  0.41  1619 C
Z -W  0.13   386 C
J -W  0.02   169 T

LL Defl -0.05" in N -M  L/999
TL Defl -0.12" in N -M  L/999
Shear // Grain in C -U   0.29

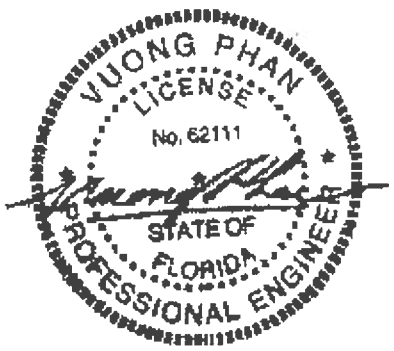
Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS  20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  LOCK  5.0x 7.0 Ctr-0.2 0.78
BB LOCK  3.0x 7.0 Ctr Ctr 0.45
Q  LOCK  5.0x 7.0-0.2 0.5 0.86
R  LOCK  3.0x 7.0 Ctr Ctr 0.74
S  LOCK  2.0x 4.0 Ctr Ctr 0.57
B  LOCK  6.0x 6.0 Ctr-0.5 0.75
T  LOCK  2.0x 4.0 Ctr Ctr 0.25
C  LOCK  6.0x 6.0 Ctr Ctr 0.88
U  LOCK  3.0x 7.0 Ctr Ctr 0.52
D  LOCK  6.0x 8.0-0.7-3.7 0.81
V  LOCK  3.0x 7.0 Ctr Ctr 0.64
W  LOCK  5.0x 7.0 0.2 0.5 0.86
E  LOCK  5.0x 7.0 Ctr-0.2 0.78
E  LOCK  3.0x 9.0 Ctr Ctr 0.00
AA LOCK  2.0x 4.0 Ctr Ctr 0.57
P  LOCK  4.0x 8.0 Ctr Ctr 0.74
I  LOCK  3.0x 4.0 Ctr Ctr 0.91
H  LOCK  8.0x10.0 Ctr 1.0 0.75
O  LOCK  4.0x 8.0 Ctr Ctr 0.62
G  LOCK 10.0x10.0 Ctr 2.2 0.81
F  LOCK  3.0x 4.0 Ctr Ctr 0.91
N  LOCK  4.0x 8.0 Ctr Ctr 0.63
M  LOCK  7.0x 8.0 Ctr-0.8 0.76
L  LOCK  4.0x 6.0 Ctr Ctr 0.49
Z  LOCK  7.0x 8.0 Ctr-0.8 0.76
J  LOCK  2.0x 4.0 Ctr Ctr 0.57


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
Design checked for 10 psf non-
```

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

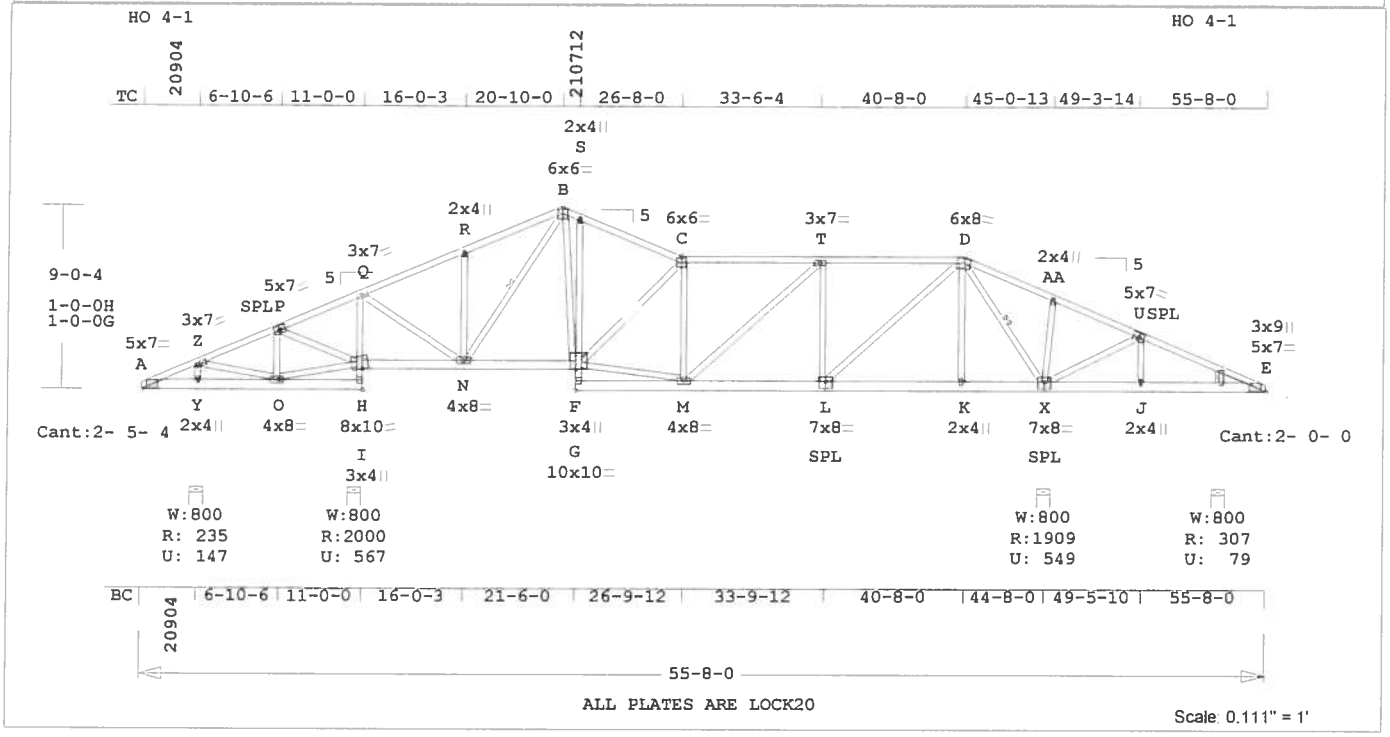
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A9	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main
Wind-Force Resistance System.
Wind Speed: 130 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 1893 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A10	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 501.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.45	2x 4	SP-#2
BC	0.21	2x 6	SP-#2
CW	0.33	2x 4	SP-#2
WB	0.41	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	55- 8- 0
BC Cont.		0- 0- 0	55- 8- 0

WB 1 rows CLB on N -B
WB 1 rows CLB on D -X
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
Y	236	147	8- 0	1- 0
			Hz =	-254
I	2001	568	8- 0	2- 4
X	1909	549	8- 0	2- 2
E	308	79	8- 0	1- 0
			Hz =	257

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -Z	0.15	220	T 0.04	0.11
Z -P	0.19	304	T 0.05	0.14
P -Q	0.36	816	T 0.14	0.22
Q -R	0.25	648	C 0.00	0.25
R -B	0.25	658	C 0.00	0.25
B -S	0.19	1075	C 0.00	0.19
S -C	0.23	1084	C 0.01	0.22
C -T	0.43	1455	C 0.01	0.42
T -D	0.45	1268	C 0.01	0.44
D -AA	0.36	434	T 0.06	0.30
AA-U	0.37	424	T 0.07	0.30
U -E	0.13	67	T 0.01	0.12
Bottom Chords				
A -Y	0.03	189	C 0.00	0.03
Y -O	0.04	239	T 0.00	0.04
O -I	0.04	81	C 0.00	0.04
H -N	0.08	746	C 0.00	0.08
N -G	0.18	907	T 0.11	0.07
F -M	0.09	59	T 0.00	0.09
M -L	0.21	1268	T 0.15	0.06
L -K	0.15	435	T 0.03	0.12
K -X	0.15	435	T 0.05	0.10
X -J	0.10	202	T 0.00	0.10
J -E	0.04	202	T 0.00	0.04
Chord-Webs				
I -H	0.20	1965	C 0.03	0.17
H -Q	0.33	1754	C 0.33	0.00
F -G	0.12	80	T 0.00	0.12
G -S	0.10	143	T 0.10	0.00
Webs				
Y -Z	0.01	143	C	
Z -O	0.02	118	C	
O -P	0.03	233	T	
O -H	0.04	203	C	
P -H	0.12	510	C	
Q -N	0.29	1623	T	
N -R	0.12	322	C	
N -B	0.15	559	C	1 Br
B -G	0.23	950	T	
G -C	0.41	643	C	
G -M	0.26	1427	T	
M -C	0.14	315	C	
M -T	0.06	252	T	
L -T	0.27	585	C	
L -D	0.32	1108	T	
K -D	0.03	199	T	
D -X	0.29	1543	C	1 Br
X -AA	0.08	334	C	
X -U	0.12	363	C	
J -U	0.02	169	T	

LL Defl -0.07" in M -L L/999
TL Defl -0.14" in M -L L/999
Shear // Grain in C -T 0.28

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

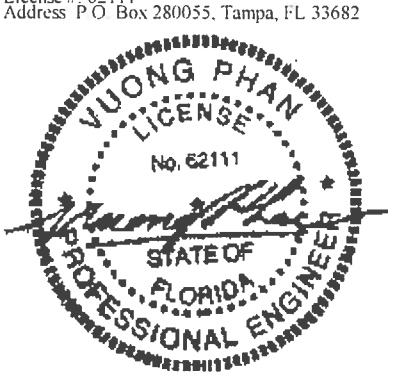
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 7.0	Ctr-0.2		0.78
Z	LOCK	3.0x 7.0	Ctr	Ctr	0.45
P	LOCK	5.0x 7.0	-0.2	0.5	0.86
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.77
R	LOCK	2.0x 4.0	Ctr	Ctr	0.57
B	LOCK	6.0x 6.0	Ctr-0.5		0.75
S	LOCK	2.0x 4.0	Ctr	Ctr	0.25
C	LOCK	6.0x 6.0	Ctr	Ctr	0.88
T	LOCK	3.0x 7.0	Ctr	Ctr	0.51
D	LOCK	6.0x 8.0	-0.7	-3.7	0.83
AA	LOCK	2.0x 4.0	Ctr	Ctr	0.57
U	LOCK	5.0x 7.0	0.2	0.5	0.86
E	LOCK	5.0x 7.0	Ctr-0.2		0.78
E	LOCK	3.0x 9.0	Ctr	Ctr	0.00
Y	LOCK	2.0x 4.0	Ctr	Ctr	0.57
O	LOCK	4.0x 8.0	Ctr	Ctr	0.74
I	LOCK	3.0x 4.0	Ctr	Ctr	0.91
H	LOCK	8.0x10.0	Ctr	1.0	0.75
N	LOCK	4.0x 8.0	Ctr	Ctr	0.65
G	LOCK	10.0x10.0	Ctr	2.3	0.81
F	LOCK	3.0x 4.0	Ctr	Ctr	0.91
M	LOCK	4.0x 8.0	Ctr	Ctr	0.74
L	LOCK	7.0x 8.0	Ctr	-0.8	0.76
K	LOCK	2.0x 4.0	Ctr	Ctr	0.57
X	LOCK	7.0x 8.0	Ctr	-0.8	0.76
J	LOCK	2.0x 4.0	Ctr	Ctr	0.57

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

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

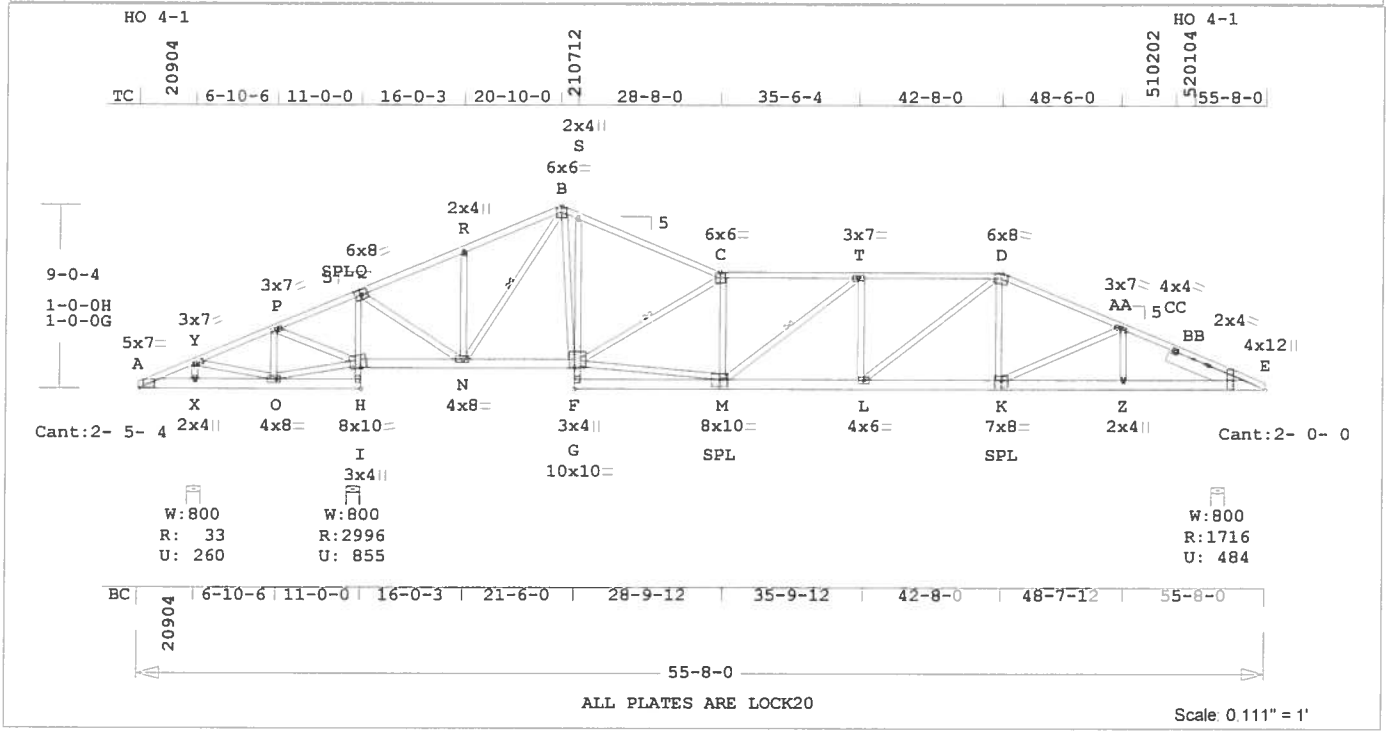
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A10	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

```
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:          130 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     1965 Lbs
Quality Control Factor 1.25
```

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A11	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



ALL PLATES ARE LOCK20

Scale: 0.111" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 492.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.67	2x 4	SP-#2
BC	0.86	2x 6	SP-#2
CW	0.51	2x 4	SP-#2
WB	0.49	2x 4	SP-#2
SL	0.08	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	55- 8- 0
BC Cont.		0- 0- 0	55- 8- 0

WB 1 rows CLB on N -B
WB 1 rows CLB on G -C
WB 1 rows CLB on M -T
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
X	33	260G	8- 0	1- 0
		Hz =	-254	
I	2997	856	8- 0	3- 6
E	1717	485	8- 0	1-15
		Hz =	257	

G = Gravity Uplift

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -Y	0.13	265 T	0.04	0.09
Y -P	0.34	1062 T	0.18	0.16
P -Q	0.58	2041 T	0.35	0.23
Q -R	0.26	378 C	0.00	0.26
R -B	0.26	390 C	0.00	0.26
B -S	0.46	1340 C	0.01	0.45
S -C	0.55	1291 C	0.03	0.52
C -T	0.55	2632 C	0.04	0.51
T -D	0.52	2819 C	0.12	0.40
D -AA	0.55	2495 C	0.09	0.46
AA-CC	0.67	2454 C	0.04	0.63
CC-E	0.64	1283 C	0.01	0.63
Bottom Chords				
A -X	0.03	232 C	0.00	0.03
X -O	0.06	232 C	0.00	0.06
O -I	0.06	154 C	0.00	0.06
H -N	0.15	1878 C	0.01	0.14
N -G	0.24	1038 T	0.12	0.12
F -M	0.13	145 T	0.00	0.13
M -L	0.41	2819 T	0.34	0.07
L -K	0.38	2313 T	0.28	0.10
K -Z	0.48	2211 T	0.26	0.22
Z -E	0.86	2211 T	0.26	0.60
Chord-Webs				
I -H	0.39	2968 C	0.07	0.32
H -Q	0.51	2714 C	0.51	0.00
F -G	0.31	120 T	0.01	0.30
G -S	0.25	348 C	0.25	0.00
Webs				
X -Y	0.05	323 T		
Y -O	0.16	773 C		
O -P	0.09	516 T		
O -H	0.19	846 C		
P -H	0.24	981 C		
Q -N	0.49	2687 T		
N -R	0.12	330 C		
N -B	0.33	1252 C		1 Br
B -G	0.42	1641 T		
G -C	0.39	1662 C		1 Br
G -M	0.46	2512 T		
M -C	0.02	142 T		
M -T	0.05	237 C		1 Br
L -T	0.09	266 C		
L -D	0.16	638 T		
K -D	0.04	275 T		
K -AA	0.03	116 T		
Z -AA	0.01	154 C		
Sliders				
CC-E	0.08	1306 C		

LL Defl -0.20" in M -L L/999
TL Defl -0.40" in M -L L/999
Shear // Grain in CC-BB 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

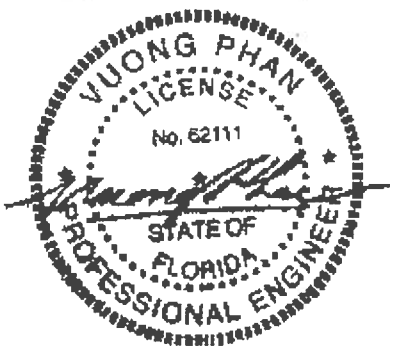
Jt Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 7.0	Ctr-0.2	0.78
Y	LOCK	3.0x 7.0	Ctr Ctr	0.45
P	LOCK	3.0x 7.0	Ctr Ctr	0.45
Q	LOCK	6.0x 8.0	Ctr Ctr	0.86
R	LOCK	2.0x 4.0	Ctr Ctr	0.57
B	LOCK	6.0x 6.0	Ctr-0.5	0.75
S	LOCK	2.0x 4.0	Ctr Ctr	0.25
C	LOCK	6.0x 6.0	Ctr Ctr	0.88
T	LOCK	3.0x 7.0	Ctr Ctr	0.50
D	LOCK	6.0x 8.0	-0.7-3.7	0.85
AA	LOCK	3.0x 7.0	Ctr Ctr	0.45
CC	LOCK	4.0x 4.0	Ctr Ctr	0.99
E	LOCK	4.0x12.0	-7.7 3.1	0.76
E	LOCK	2.0x 4.0	Ctr Ctr	0.00
X	LOCK	2.0x 4.0	Ctr Ctr	0.57
O	LOCK	4.0x 8.0	Ctr Ctr	0.74
I	LOCK	3.0x 4.0	Ctr Ctr	0.91
H	LOCK	8.0x10.0	Ctr 1.0	0.75
N	LOCK	4.0x 8.0	-0.5 Ctr	0.88
G	LOCK	10.0x10.0	Ctr 2.2	0.81
F	LOCK	3.0x 4.0	Ctr Ctr	0.91
M	LOCK	8.0x10.0	Ctr-0.2	0.76
L	LOCK	4.0x 6.0	Ctr Ctr	0.49
K	LOCK	7.0x 8.0	Ctr-0.8	0.76
Z	LOCK	2.0x 4.0	Ctr Ctr	0.57

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
Design checked for 10 psf non-

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

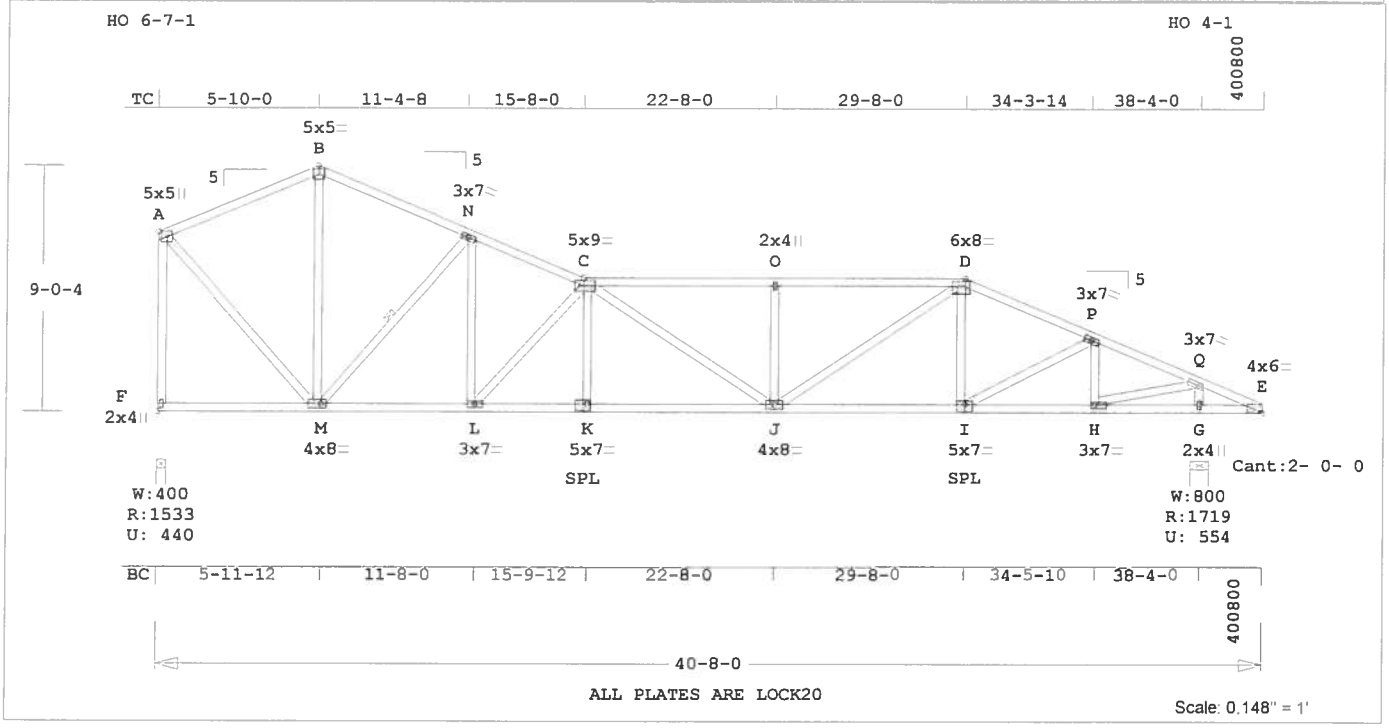
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A11	1	SP	550800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

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: 130 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 2968 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A12	1	SP	400800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 316.4 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.58	2x 4	SP-#2
BC	0.64	2x 4	SP-#2
WB	0.78	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	40- 8- 0
BC Cont.		0- 0- 0	40- 8- 0

WB 1 rows CLB on M -N
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
F	1534	441	4- 0	1-13
			Hz =	-377
G	1720	554	8- 0	1-15
			Hz =	189

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -B	0.35	933 C	0.01 0.34
B -N	0.31	944 C	0.00 0.31
N -C	0.33	2077 C	0.02 0.31
C -O	0.47	3085 C	0.06 0.41
O -D	0.58	3085 C	0.15 0.43
D -P	0.24	2406 C	0.03 0.21
P -Q	0.19	2141 C	0.03 0.16
Q -E	0.17	92 C	0.01 0.16
Bottom Chords			
F -M	0.22	272 T	0.00 0.22
M -L	0.45	1944 T	0.32 0.13
L -K	0.58	3093 T	0.51 0.07
K -J	0.64	3093 T	0.51 0.13
J -I	0.50	2225 T	0.37 0.13
I -H	0.44	1974 T	0.33 0.11
H -G	0.12	211 T	0.00 0.12
G -E	0.12	99 T	0.00 0.12
Webs			
F -A	0.76	1486 C	WindLd
A -M	0.27	1301 T	
M -B	0.09	428 T	
M -N	0.39	1610 C	1 Br
L -N	0.23	1277 T	
L -C	0.78	1654 C	
K -C	0.03	222 T	
C -J	0.09	117 C	
J -O	0.11	420 C	
J -D	0.24	1030 T	
I -D	0.02	141 T	
I -P	0.05	284 T	
H -P	0.05	473 C	
H -Q	0.38	2106 T	
G -Q	0.15	1604 C	

LL Defl -0.20" in K -J L/999
TL Defl -0.43" in K -J L/999
LL Cant 0.02" in G -E L/999
Shear // Grain in O -D 0.28

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

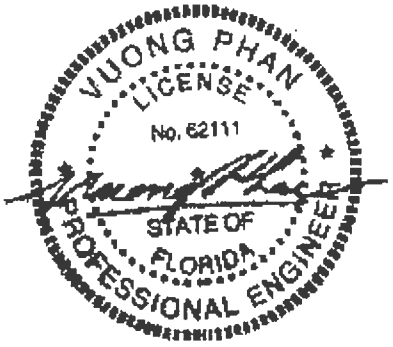
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	Ctr	Ctr	0.67
B	LOCK	5.0x 5.0	Ctr	Ctr	0.73
N	LOCK	3.0x 7.0	Ctr	Ctr	0.56
C	LOCK	5.0x 9.0	0.5	Ctr	0.96
O	LOCK	2.0x 4.0	Ctr	Ctr	0.48
D	LOCK	6.0x 8.0	Ctr	Ctr-0.4	0.93
P	LOCK	3.0x 7.0	Ctr	Ctr	0.41
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.66
E	LOCK	4.0x 6.0	Ctr	0.1	0.77
F	LOCK	2.0x 4.0	Ctr	Ctr	0.56
M	LOCK	4.0x 8.0	Ctr	Ctr	0.55
L	LOCK	3.0x 7.0	Ctr	Ctr	0.57
K	LOCK	5.0x 7.0	Ctr	Ctr-0.5	0.80
J	LOCK	4.0x 8.0	Ctr	Ctr	0.45
I	LOCK	5.0x 7.0	Ctr	Ctr-0.5	0.80
H	LOCK	3.0x 7.0	Ctr	Ctr	0.92
G	LOCK	2.0x 4.0	Ctr	Ctr	0.57

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
Provide connection to bearing for 378 Lbs Horiz Reaction
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: 130 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 3085 Lbs
Quality Control Factor 1.25

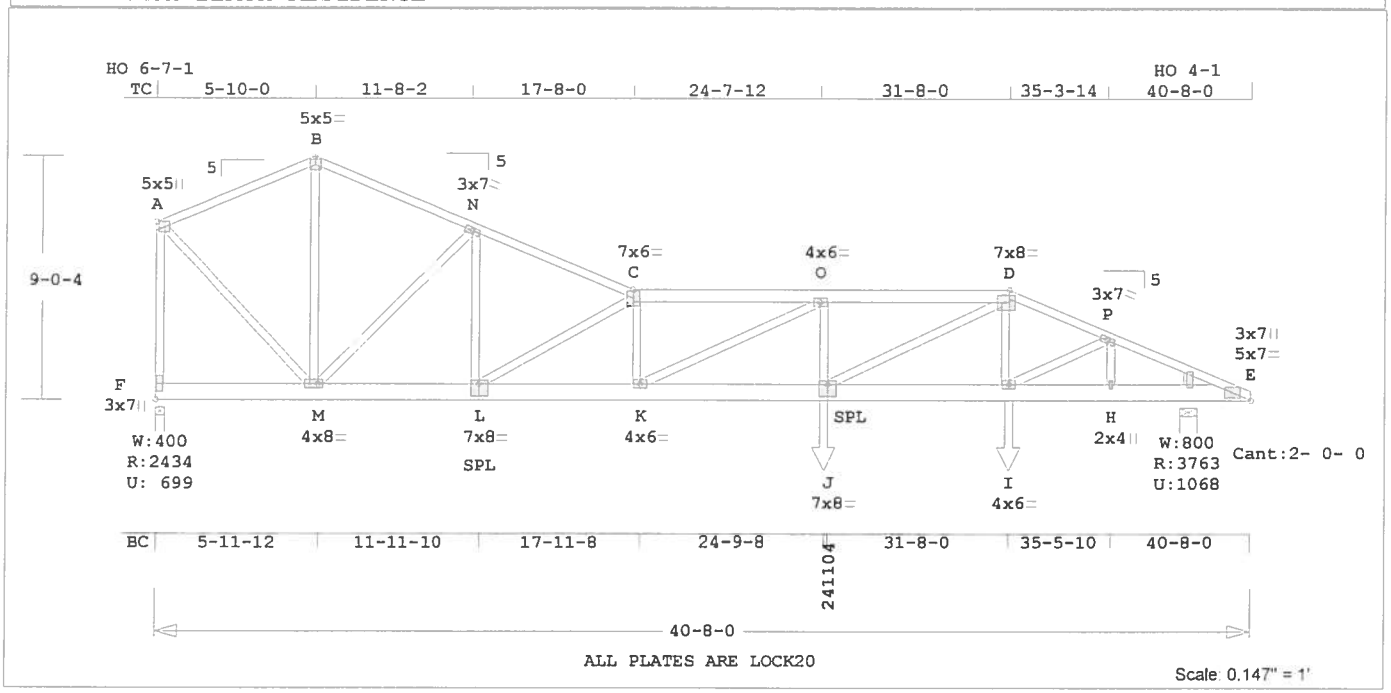
Truss Design Engineer Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A13	1*2P	SP	400800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus℠ APPROX. TRUSS WEIGHT: 386.2 LBS

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Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05
***************
* 2-Ply Truss *
***************

     CSI -Size- ----Lumber----
TC  0.58  2x 4  SP-#2
EX C -D   2x 6  SP-#2
BC  0.95  2x 8  SP-#2
WB  0.46  2x 4  SP-#2
WG   ---  2x 6  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC Cont.      0- 0- 0 40- 8- 0
 BC Cont.      0- 0- 0 40- 8- 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 Standard Loading
Lumber Duration Factor   1.25
Plate  Duration Factor   1.25
plf - Live  Dead  From    To
TC V    40    20   0.0'  40.7'
BC V     0    20   0.0'  40.7'
TC V    50    25  24.7'  31.7'
BC V     0    25  24.7'  31.7'
BC V   325   325  31.7'  CL-LB
BC V   797   797  24.8'  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
F    2434   699  4- 0  1- 7
                Hz =  -371
E    3764  1068  8- 0  2- 2
                Hz =   188

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
A -B  0.19  1595 C  0.01  0.18
B -N  0.27  1613 C  0.00  0.27
N -C  0.36  4106 C  0.06  0.30
C -O  0.28  8557 C  0.06  0.22
O -D  0.44  9957 C  0.10  0.34
D -P  0.37  6982 C  0.10  0.27
P -E  0.58  5201 C  0.05  0.53
--------Bottom Chords---------
F -M  0.03   267 T  0.00  0.03
M -L  0.22  3817 T  0.21  0.01
L -K  0.57  8536 T  0.48  0.09
K -J  0.67  9957 T  0.56  0.11
J -I  0.46  6484 T  0.36  0.10
I -H  0.59  4706 T  0.26  0.33
H -E  0.95  4706 T  0.26  0.69
-------------Webs-------------
F -A  0.17  2382 C WindLd
A -M  0.20  2187 T
M -B  0.08   884 T
M -N  0.39  3325 C
L -N  0.26  2892 T
L -C  0.46  5442 C
K -C  0.07   828 T
K -O  0.16  1570 C
J -O  0.03   477 T
J -D  0.35  3883 T
I -D  0.03   466 T
I -P  0.18  2011 T
H -P  0.06  1459 C

LL Defl -0.25" in K -J  L/999
TL Defl -0.49" in K -J  L/914
Shear // Grain in H -E   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  5.0x 5.0 Ctr Ctr 0.67
B  LOCK  5.0x 5.0 Ctr Ctr 0.73
N  LOCK  3.0x 7.0 Ctr Ctr 0.63
C  LOCK  7.0x 6.0 Ctr Ctr 0.74
O  LOCK  4.0x 6.0 Ctr Ctr 0.44
D  LOCK  7.0x 8.0 0.5 Ctr 0.88
P  LOCK  3.0x 7.0 Ctr Ctr 0.41
E  LOCK  5.0x 7.0 Ctr-0.2 0.72
E  LOCK  3.0x 7.0 Ctr Ctr 0.00
F  LOCK  3.0x 7.0 Ctr Ctr 0.70
M  LOCK  4.0x 8.0 Ctr Ctr 0.46
L  LOCK  7.0x 8.0 Ctr-2.0 0.65
K  LOCK  4.0x 6.0 Ctr Ctr 0.44
J  LOCK  7.0x 8.0 Ctr-2.0 0.74
I  LOCK  4.0x 6.0 Ctr Ctr 0.44
H  LOCK  2.0x 4.0 Ctr Ctr 0.48


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

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
```

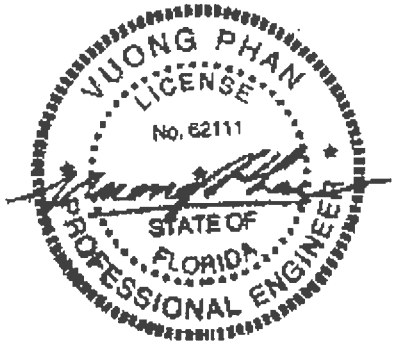
ADDITIONAL SPECIFICATIONS.

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 as each layer is applied.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	1	12	24	0
BC	2	12	24	0
WB	1	4	4	

Plus clusters of nails where shown.
Provide connection to bearing for 371 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: 130 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 9957 Lbs

Truss Design Engineer Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

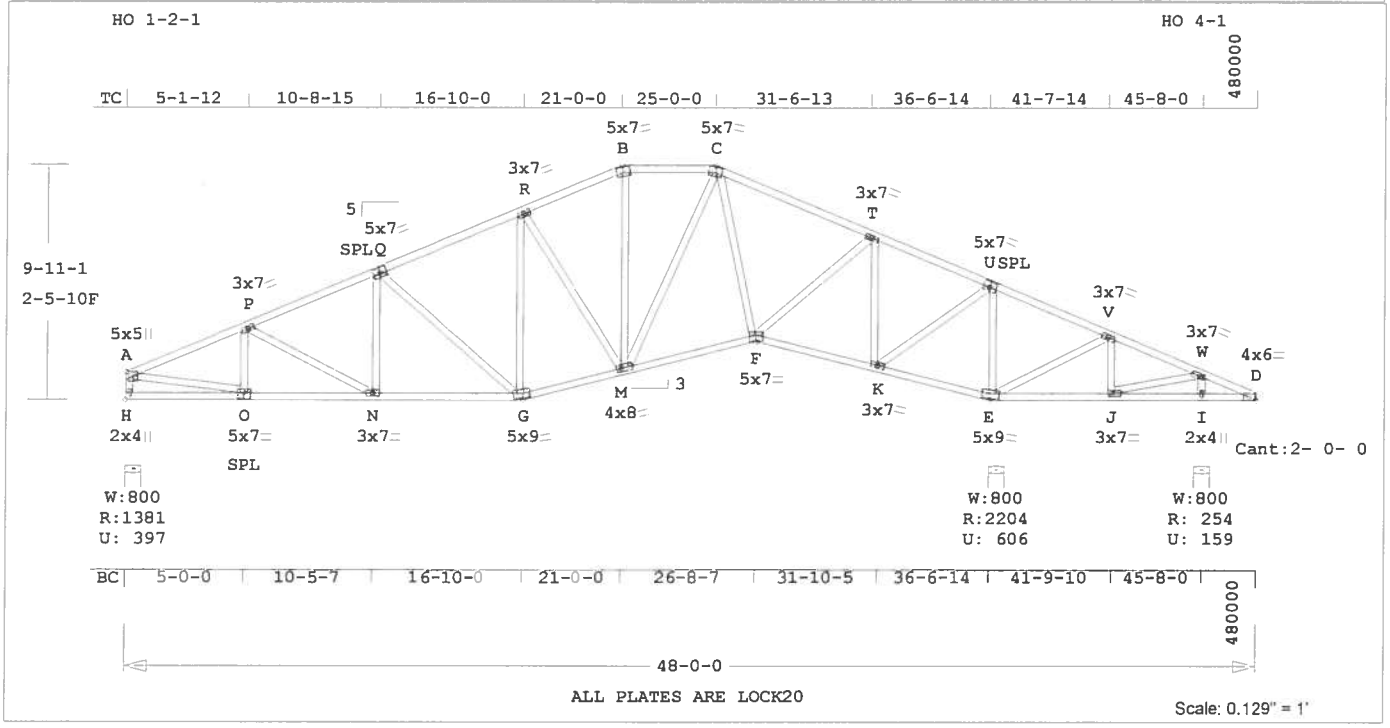
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A13	1*2P	SP	400800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A14	1	SP	480000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 380.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.67	2x 4	SP-#2
WB	0.48	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	48- 0- 0
BC Cont.		0- 0- 0	48- 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 Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
H	1381	397	8- 0	1-10
			Hz =	-295
E	2204	606	8- 0	2- 8
I	254	159	8- 0	1- 0
			Hz =	270

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -P	0.27	2145	C	0.04 0.23
P -Q	0.34	2083	C	0.02 0.32
Q -R	0.33	1645	C	0.01 0.32
R -B	0.27	1423	C	0.01 0.26
B -C	0.24	1305	C	0.01 0.23
C -T	0.41	1378	C	0.03 0.38
T -U	0.38	676	C	0.00 0.38
U -V	0.34	705	T	0.10 0.24
V -W	0.26	166	T	0.02 0.24
W -D	0.11	206	T	0.03 0.08
Bottom Chords				
H -O	0.13	279	T	0.00 0.13
O -N	0.43	1990	T	0.33 0.10
N -G	0.42	1925	T	0.32 0.10
G -M	0.33	1561	T	0.26 0.07
M -F	0.38	1289	T	0.21 0.17
F -K	0.28	653	T	0.10 0.18
K -E	0.67	651	C	0.00 0.67
E -J	0.58	239	T	0.00 0.58
J -I	0.28	252	T	0.00 0.28
I -D	0.04	177	C	0.00 0.04
Webs				
H -A	0.12	1336	C	WindLd
A -O	0.37	2026	T	
O -P	0.03	274	C	
P -N	0.04	95	C	
N -Q	0.04	272	T	
Q -G	0.42	536	C	
G -R	0.02	185	T	
R -M	0.30	382	C	
M -B	0.10	340	T	
M -C	0.16	184	T	
C -F	0.02	164	T	
F -T	0.15	821	T	
K -T	0.47	1178	C	
K -U	0.28	1520	T	
E -U	0.48	1683	C	
E -V	0.24	616	C	
J -V	0.04	281	T	
J -W	0.02	112	C	
I -W	0.02	234	C	

LL Defl -0.06" in E -J L/999
TL Defl -0.13" in E -J L/736
Shear // Grain in C -T 0.26

Hz Disp	LL	DL	TL
Jt E	0.05"	0.05"	0.10"

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

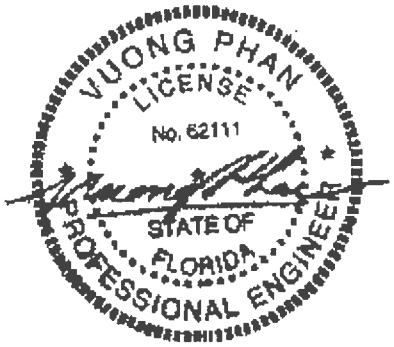
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	Ctr	Ctr	0.78
P	LOCK	3.0x 7.0	Ctr	Ctr	0.43
Q	LOCK	5.0x 7.0	-0.2	0.5	0.86
R	LOCK	3.0x 7.0	Ctr	Ctr	0.53
B	LOCK	5.0x 7.0	0.6	-3.1	0.75
C	LOCK	5.0x 7.0	-0.6	-3.1	0.85
T	LOCK	3.0x 7.0	Ctr	Ctr	0.46
U	LOCK	5.0x 7.0	0.2	0.5	0.86
V	LOCK	3.0x 7.0	Ctr	Ctr	0.43
W	LOCK	3.0x 7.0	Ctr	Ctr	0.43
D	LOCK	4.0x 6.0	Ctr	0.1	0.85
H	LOCK	2.0x 4.0	Ctr	Ctr	0.65
O	LOCK	5.0x 7.0	Ctr	-0.5	0.99
N	LOCK	3.0x 7.0	Ctr	Ctr	0.47
G	LOCK	5.0x 9.0	-0.9	3.0	0.78
M	LOCK	4.0x 8.0	Ctr	Ctr	0.54
F	LOCK	5.0x 7.0	Ctr	-1.1	0.75
K	LOCK	3.0x 7.0	Ctr	Ctr	0.62
E	LOCK	5.0x 9.0	0.9	3.0	0.81
J	LOCK	3.0x 7.0	Ctr	Ctr	0.94
I	LOCK	2.0x 4.0	Ctr	Ctr	0.53

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
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: 130 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 2145 Lbs
Quality Control Factor 1.25

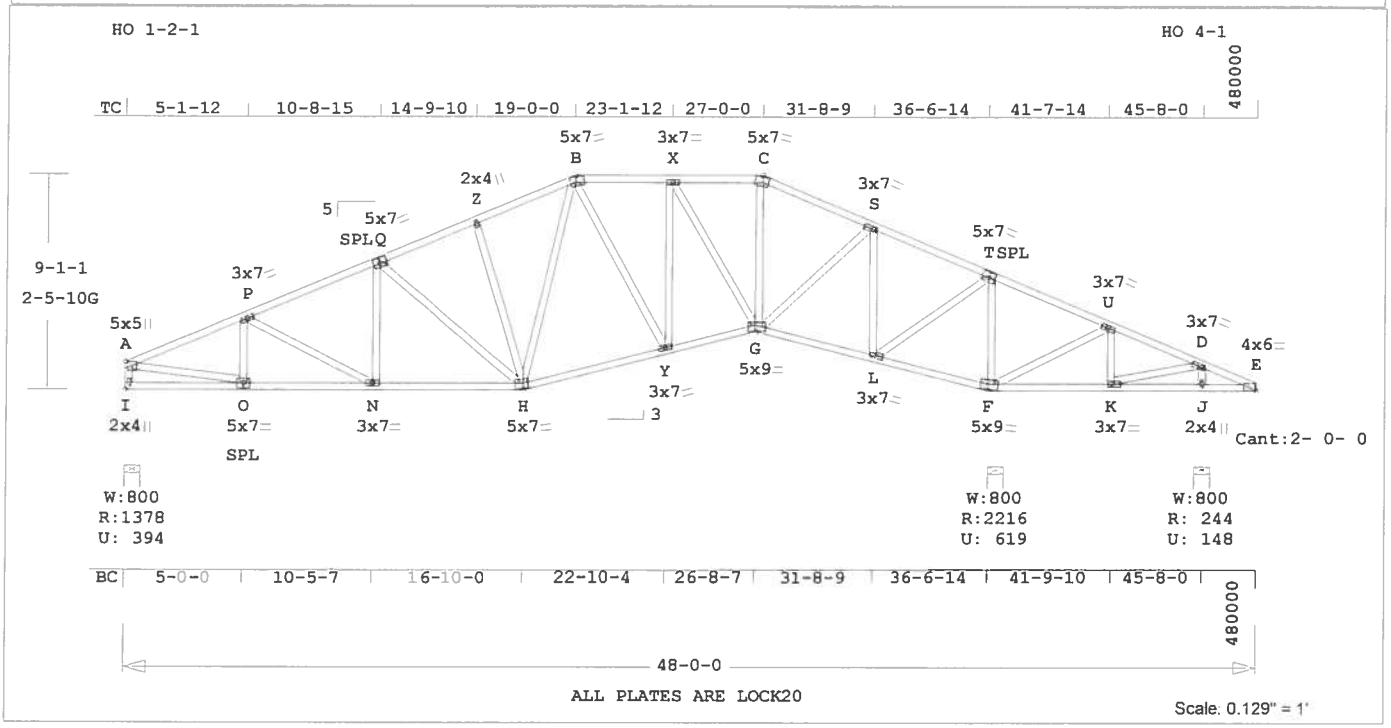
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A15	1	SP	480000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 387.2 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.68	2x 4	SP-#2
WB	0.49	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	48- 0- 0
BC Cont.		0- 0- 0	48- 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 Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
I	1379	394	8- 0	1-10
			Hz =	-270
F	2216	620	8- 0	2- 8
J	245	148	8- 0	1- 0
			Hz =	245

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -P	0.29	2147	C	0.02 0.27
P -Q	0.29	2067	C	0.02 0.27
Q -Z	0.22	1676	C	0.01 0.21
Z -B	0.16	1606	C	0.01 0.15
B -X	0.14	1446	C	0.01 0.13
X -C	0.14	1281	C	0.01 0.13
C -S	0.22	1392	C	0.01 0.21
S -T	0.22	651	C	0.00 0.22
T -U	0.35	722	T	0.13 0.22
U -D	0.26	162	T	0.03 0.23
D -E	0.11	206	T	0.03 0.08
Bottom Chords				
I -O	0.14	254	T	0.00 0.14
O -N	0.40	1993	T	0.33 0.07
N -H	0.50	1906	T	0.32 0.18
H -Y	0.38	1446	T	0.24 0.14
Y -G	0.35	1489	T	0.24 0.11
G -L	0.26	621	T	0.10 0.16
L -F	0.68	665	C	0.00 0.68
F -K	0.59	220	T	0.00 0.59
K -J	0.29	229	T	0.00 0.29
J -E	0.04	176	C	0.00 0.04
Webs				
I -A	0.12	1334	C	WindLd
A -O	0.37	2029	T	
O -P	0.03	269	C	
P -N	0.05	105	C	
N -Q	0.04	263	T	
Q -H	0.38	466	C	
Z -H	0.15	235	C	
H -B	0.16	307	T	
B -Y	0.04	151	T	
Y -X	0.06	132	T	
X -G	0.20	312	C	
G -C	0.05	310	T	
G -S	0.16	899	T	
L -S	0.47	1169	C	
L -T	0.27	1497	T	
F -T	0.49	1692	C	
F -U	0.24	612	C	
K -U	0.04	279	T	
K -D	0.02	109	C	
J -D	0.02	226	C	

LL Defl -0.06" in F -K L/999
TL Defl -0.13" in F -K L/736
Shear // Grain in A -P 0.21

Hz Disp	LL	DL	TL
Jt F	0.05"	0.05"	0.10"

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

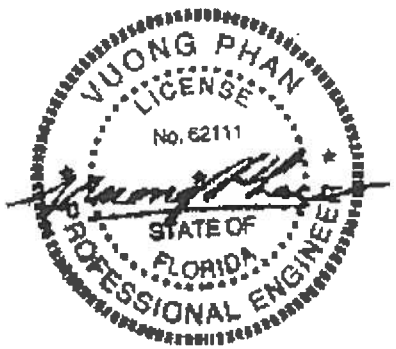
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	Ctr	Ctr	0.78
P	LOCK	3.0x 7.0	Ctr	Ctr	0.43
Q	LOCK	5.0x 7.0	-0.2	0.5	0.86
Z	LOCK	2.0x 4.0	Ctr	Ctr	0.52
B	LOCK	5.0x 7.0	0.6	-3.1	0.87
X	LOCK	3.0x 7.0	Ctr	Ctr	0.55
C	LOCK	5.0x 7.0	-0.6	-3.1	0.75
S	LOCK	3.0x 7.0	Ctr	Ctr	0.48
T	LOCK	5.0x 7.0	0.2	0.5	0.86
U	LOCK	3.0x 7.0	Ctr	Ctr	0.43
D	LOCK	3.0x 7.0	Ctr	Ctr	0.43
E	LOCK	4.0x 6.0	Ctr	0.1	0.85
I	LOCK	2.0x 4.0	Ctr	Ctr	0.65
O	LOCK	5.0x 7.0	Ctr	-0.5	0.99
N	LOCK	3.0x 7.0	Ctr	Ctr	0.47
H	LOCK	5.0x 7.0	-0.9	2.9	0.90
Y	LOCK	3.0x 7.0	Ctr	Ctr	0.56
G	LOCK	5.0x 9.0	0.5	-1.1	0.80
L	LOCK	3.0x 7.0	Ctr	Ctr	0.61
F	LOCK	5.0x 9.0	0.9	3.0	0.81
K	LOCK	3.0x 7.0	Ctr	Ctr	0.94
J	LOCK	2.0x 4.0	Ctr	Ctr	0.53

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
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: 130 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 2147 Lbs
Quality Control Factor 1.25

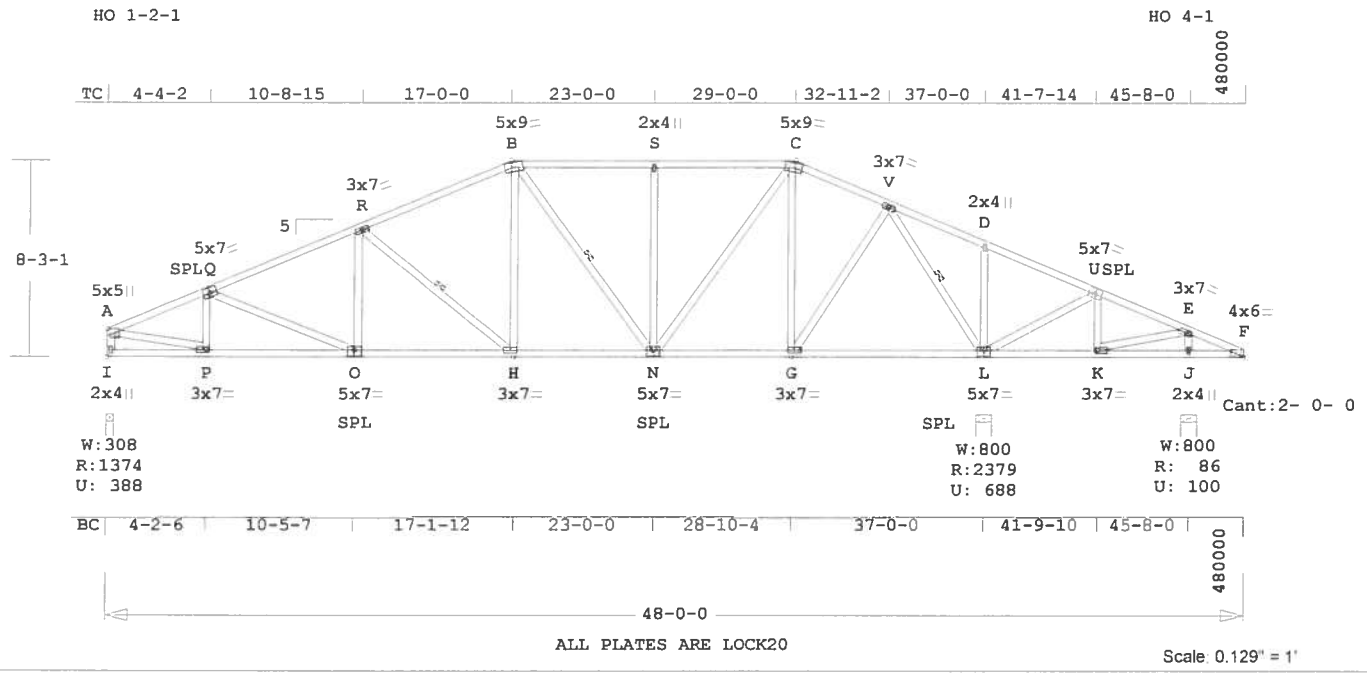
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A16	1	HIPP	480000	5	0	0	105121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 374.6 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	Size	Lumber
TC	0.41	2x 4	SP-#2
BC	0.45	2x 4	SP-#2
WB	0.52	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	48- 0- 0
BC	Cont.	0- 0- 0	48- 0- 0

WB 1 rows CLB on R -H
WB 1 rows CLB on B -N
WB 1 rows CLB on V -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 Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
I	1375	389	3- 8	1-10
			Hz =	-246
L	2379	688	8- 0	2-11
J	86	100	8- 0	1- 0
			Hz =	220

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -Q	0.28	2074 C	0.02	0.26
Q -R	0.41	2079 C	0.02	0.39
R -B	0.40	1608 C	0.01	0.39
B -S	0.37	1318 C	0.01	0.36
S -C	0.37	1318 C	0.01	0.36
C -V	0.12	858 C	0.00	0.12
V -D	0.36	901 T	0.14	0.22
D -U	0.38	908 T	0.16	0.22
U -E	0.26	454 T	0.08	0.18
E -F	0.12	166 T	0.03	0.09
Bottom Chords				
I -P	0.14	230 T	0.00	0.14
P -O	0.45	1927 T	0.32	0.13
O -H	0.45	1923 T	0.32	0.13
H -N	0.35	1474 T	0.15	0.20
N -G	0.37	796 T	0.08	0.29
G -L	0.32	274 T	0.02	0.30
L -K	0.30	414 C	0.00	0.30
K -J	0.06	217 T	0.00	0.06
J -F	0.06	141 C	0.00	0.06
Webs				
I -A	0.12	1339 C	WindLd	
A -P	0.36	1977 T		
P -Q	0.04	334 C		
Q -O	0.04	71 C		
O -R	0.04	272 T		
R -H	0.13	568 C		1 Br
H -B	0.08	514 T		
B -N	0.08	262 C		1 Br
N -S	0.30	389 C		
N -C	0.32	878 T		
G -C	0.52	657 C		
G -V	0.17	954 T		
V -L	0.40	2043 C		1 Br
L -D	0.07	284 C		
L -U	0.17	480 C		
K -U	0.03	199 T		
K -E	0.05	282 C		
J -E	0.01	131 T		

LL Defl -0.09" in O -H L/999
TL Defl -0.20" in O -H L/999
Shear // Grain in B -S 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

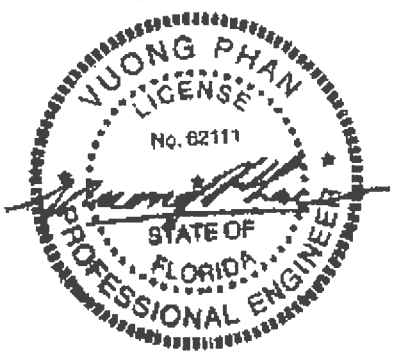
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	Ctr	Ctr	0.78
Q	LOCK	5.0x 7.0-0.2	0.5	0.86	
R	LOCK	3.0x 7.0	Ctr	Ctr	0.46
B	LOCK	5.0x 9.0	1.2-3.3	0.79	
S	LOCK	2.0x 4.0	Ctr	Ctr	0.53
C	LOCK	5.0x 9.0-1.2-3.3			0.79
V	LOCK	3.0x 7.0	Ctr	Ctr	0.63
D	LOCK	2.0x 4.0	Ctr	Ctr	0.53
U	LOCK	5.0x 7.0	0.2	0.5	0.86
E	LOCK	3.0x 7.0	Ctr	Ctr	0.43
F	LOCK	4.0x 6.0	Ctr	0.1	0.85
I	LOCK	2.0x 4.0	Ctr	Ctr	0.65
P	LOCK	3.0x 7.0	Ctr	Ctr	0.93
O	LOCK	5.0x 7.0	Ctr-0.5		0.88
H	LOCK	3.0x 7.0	Ctr	Ctr	0.48
N	LOCK	5.0x 7.0	Ctr-0.5		0.88
G	LOCK	3.0x 7.0	Ctr	Ctr	0.54
L	LOCK	5.0x 7.0	Ctr-0.5		0.88
K	LOCK	3.0x 7.0	Ctr	Ctr	0.94
J	LOCK	2.0x 4.0	Ctr	Ctr	0.53

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
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: 130 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 2079 Lbs
Quality Control Factor 1.25

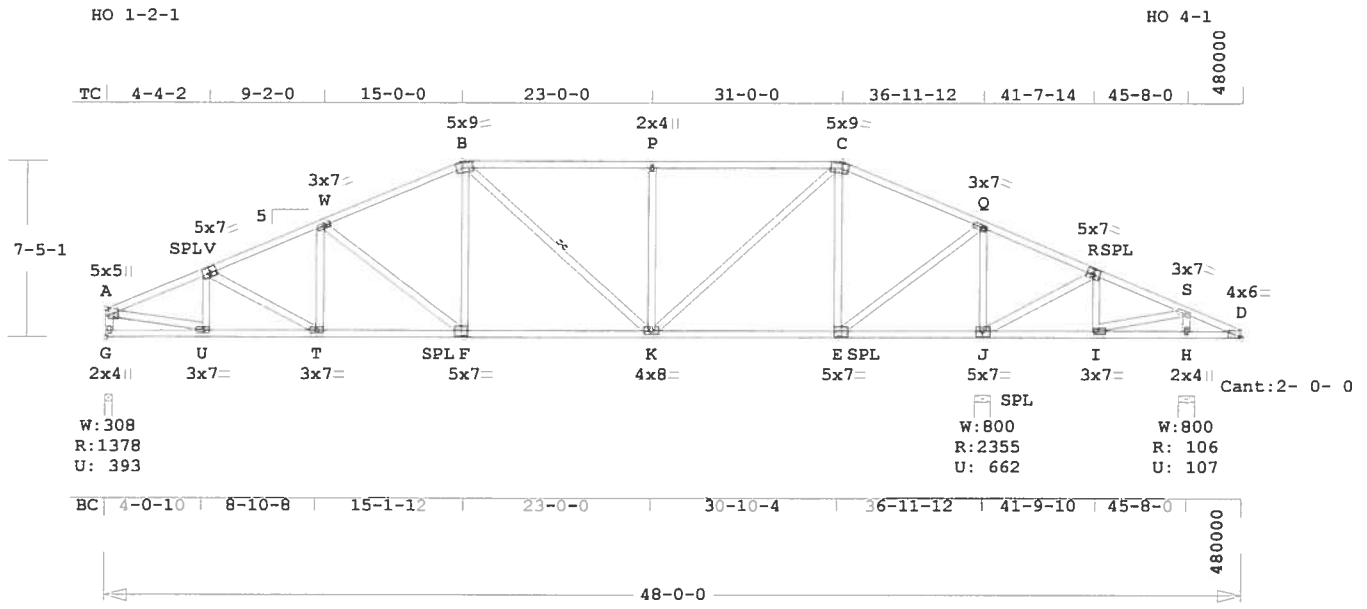
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A17	1	HIPP	480000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



ALL PLATES ARE LOCK20

Scale: 0.129" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 353.4 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.67	2x 4	SP-#2
BC	0.51	2x 4	SP-#2
WB	0.58	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	48- 0- 0
BC Cont.		0- 0- 0	48- 0- 0

WB 1 rows CLB on B -K
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 Req'd In-Sx	In-Sx
G	1378	393	3- 8	1-10
			Hz =	-221
J	2356	663	8- 0	2-10
H	106	107	8- 0	1- 0
			Hz =	196

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -V	0.20	2055	C	0.04	0.16
V -W	0.25	2138	C	0.02	0.23
W -B	0.35	1779	C	0.01	0.34
B -P	0.67	1516	C	0.01	0.66
P -C	0.67	1516	C	0.01	0.66
C -Q	0.35	676	C	0.00	0.35
Q -R	0.50	868	T	0.15	0.35
R -S	0.22	421	T	0.07	0.15
S -D	0.13	165	T	0.03	0.10
Bottom Chords					
G -U	0.09	205	T	0.00	0.09
U -T	0.38	1905	T	0.31	0.07
T -F	0.48	1976	T	0.33	0.15
F -K	0.51	1640	T	0.17	0.34
K -E	0.40	628	T	0.06	0.34
E -J	0.26	793	C	0.00	0.26
J -I	0.17	386	C	0.00	0.17
I -H	0.09	195	T	0.00	0.09
H -D	0.05	139	C	0.00	0.05
Webs					
G -A	0.12	1338	C	WindLd	
A -U	0.36	1954	T		
U -V	0.04	349	C		
V -T	0.01	81	T		
T -W	0.02	185	T		
W -F	0.29	414	C		
F -B	0.07	466	T		
B -K	0.06	167	C	1 Br	
K -P	0.33	521	C		
K -C	0.47	1192	T		
E -C	0.58	925	C		
E -Q	0.32	1765	T		
J -Q	0.56	2019	C		
J -R	0.17	463	C		
I -R	0.03	222	T		
I -S	0.05	255	C		
H -S	0.01	136	T		

LL Defl -0.10" in T -F L/999
TL Defl -0.24" in F -K L/999
Shear // Grain in B -P 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
A	LOCK	5.0x 5.0	Ctr	Ctr	0.78
V	LOCK	5.0x 7.0	-0.2	0.5	0.86
W	LOCK	3.0x 7.0	Ctr	Ctr	0.46
B	LOCK	5.0x 9.0	1.2	-3.3	0.79
P	LOCK	2.0x 4.0	Ctr	Ctr	0.53
C	LOCK	5.0x 9.0	-1.2	-3.3	0.79
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.85
R	LOCK	5.0x 7.0	0.2	0.5	0.86
S	LOCK	3.0x 7.0	Ctr	Ctr	0.43
D	LOCK	4.0x 6.0	Ctr	0.1	0.85
G	LOCK	2.0x 4.0	Ctr	Ctr	0.65
U	LOCK	3.0x 7.0	Ctr	Ctr	0.93
T	LOCK	3.0x 7.0	Ctr	Ctr	0.47
F	LOCK	5.0x 7.0	Ctr	-0.5	0.88
K	LOCK	4.0x 8.0	Ctr	Ctr	0.49
E	LOCK	5.0x 7.0	Ctr	-0.5	0.88
J	LOCK	5.0x 7.0	Ctr	-0.5	0.88
I	LOCK	3.0x 7.0	Ctr	Ctr	0.94
H	LOCK	2.0x 4.0	Ctr	Ctr	0.53

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

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

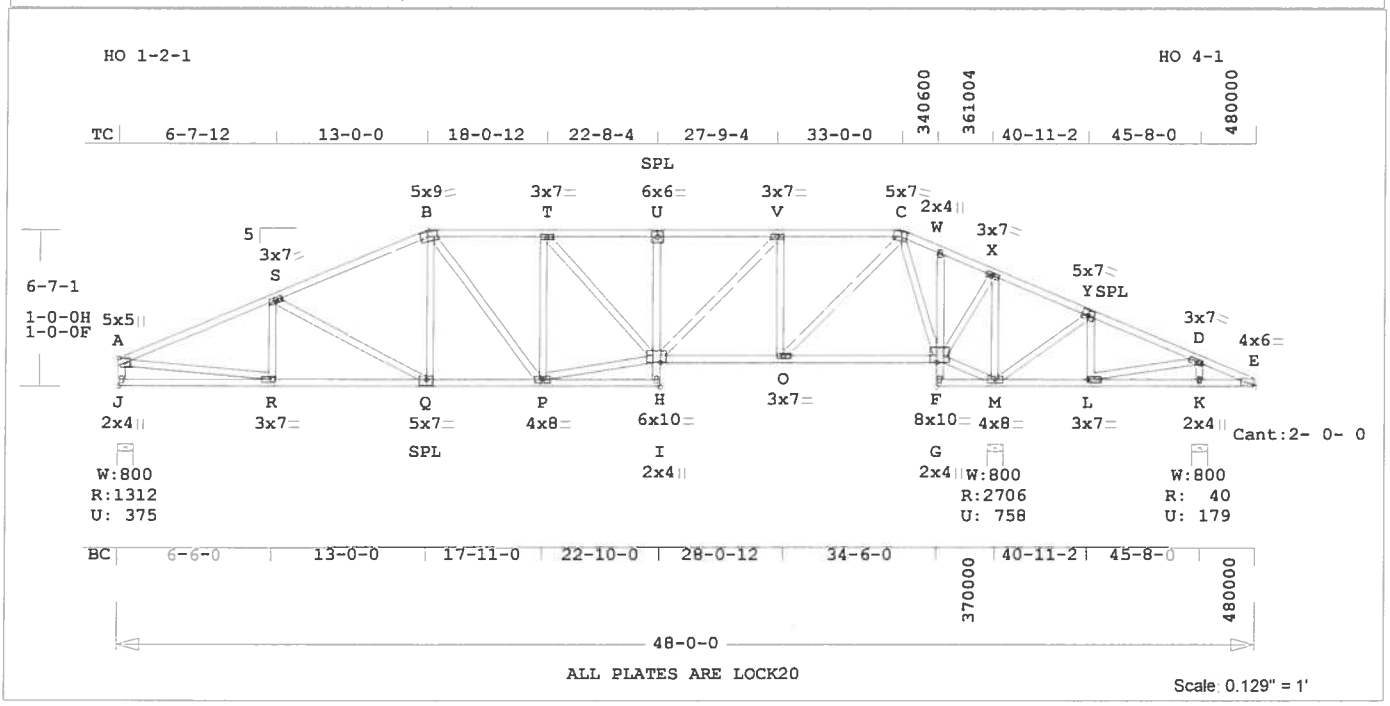
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 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 2138 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682

Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A18	1	SP	480000	5	0	0	105121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus℠ APPROX. TRUSS WEIGHT: 387.9 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	Size	Lumber
TC	0.50	2x 4	SP-#2
BC	0.46	2x 4	SP-#2
CW	0.19	2x 4	SP-#2
WB	0.56	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	48- 0- 0
BC Cont.	0- 0- 0	48- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
J	1312	375	8- 0	1- 9
		Hz =	-197	
M	2707	759	8- 0	3- 1
K	41	179G	8- 0	1- 0
		Hz =	172	

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -S	0.50	2096 C	0.07	0.43
S -B	0.47	1777 C	0.02	0.45
B -T	0.22	1689 C	0.01	0.21
T -U	0.22	1712 C	0.01	0.21
U -V	0.22	1718 C	0.01	0.21
V -C	0.32	1027 C	0.00	0.32
C -W	0.42	541 T	0.09	0.33
W -X	0.23	616 T	0.10	0.13
X -Y	0.45	1469 T	0.23	0.22
Y -D	0.39	962 T	0.17	0.22
D -E	0.14	156 T	0.02	0.12
Bottom Chords				
J -R	0.26	181 T	0.00	0.26
R -Q	0.46	1949 T	0.20	0.26
Q -P	0.36	1629 T	0.27	0.09
P -I	0.13	41 T	0.00	0.13
H -O	0.30	1027 T	0.10	0.20
O -F	0.23	175 T	0.00	0.23
G -M	0.09	109 C	0.00	0.09
M -L	0.11	884 C	0.00	0.11
L -K	0.11	180 T	0.00	0.11
K -E	0.07	127 C	0.00	0.07
Chord-Webs				
I -H	0.08	77 T	0.00	0.08
H -U	0.11	302 C	0.11	0.00
G -F	0.19	21 T	0.00	0.19
F -W	0.08	296 C	0.08	0.00
Webs				
J -A	0.11	1257 C	WindLd	
A -R	0.36	1970 T		
R -S	0.02	152 T		
S -Q	0.25	358 C		
Q -B	0.05	346 T		
B -P	0.08	108 C		
P -T	0.16	323 C		
P -H	0.31	1683 T		
T -H	0.02	59 T		
H -V	0.19	983 T		
O -V	0.34	988 C		
O -C	0.29	1589 T		
C -F	0.56	1479 C		
F -X	0.26	1459 T		
F -M	0.16	1415 C		
M -X	0.47	1723 C		
M -Y	0.18	587 C		
L -Y	0.04	307 T		
L -D	0.21	774 C		
K -D	0.04	292 T		

LL Defl -0.10" in P -I L/999
TL Defl -0.22" in P -I L/999
LL Cant 0.00" in K -E L/999
Shear // Grain in A -S 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	5.0x 5.0	Ctr	Ctr	0.78
S	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 9.0	1.2-3.3		0.79
T	LOCK	3.0x 7.0	Ctr	Ctr	0.50
U	LOCK	6.0x 6.0	Ctr	Ctr	0.88
V	LOCK	3.0x 7.0	Ctr	Ctr	0.49
C	LOCK	5.0x 7.0	-0.6-3.1		0.84
W	LOCK	2.0x 4.0	Ctr	Ctr	0.25
X	LOCK	3.0x 7.0	Ctr	Ctr	0.99
Y	LOCK	5.0x 7.0	0.2	0.5	0.86
D	LOCK	3.0x 7.0	Ctr	Ctr	0.43
E	LOCK	4.0x 6.0	Ctr	0.1	0.85
J	LOCK	2.0x 4.0	Ctr	Ctr	0.65
R	LOCK	3.0x 7.0	Ctr	Ctr	0.93
Q	LOCK	5.0x 7.0	Ctr	-0.5	0.88
P	LOCK	4.0x 8.0	Ctr	Ctr	0.70
I	LOCK	2.0x 4.0	Ctr	Ctr	0.66
H	LOCK	6.0x10.0	Ctr	1.2	0.73
O	LOCK	3.0x 7.0	Ctr	Ctr	0.64
F	LOCK	8.0x10.0	Ctr	2.3	0.82
G	LOCK	2.0x 4.0	Ctr	Ctr	0.66
M	LOCK	4.0x 8.0	Ctr	Ctr	0.53
L	LOCK	3.0x 7.0	Ctr	Ctr	0.93
K	LOCK	2.0x 4.0	Ctr	Ctr	0.53

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
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: 130 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

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

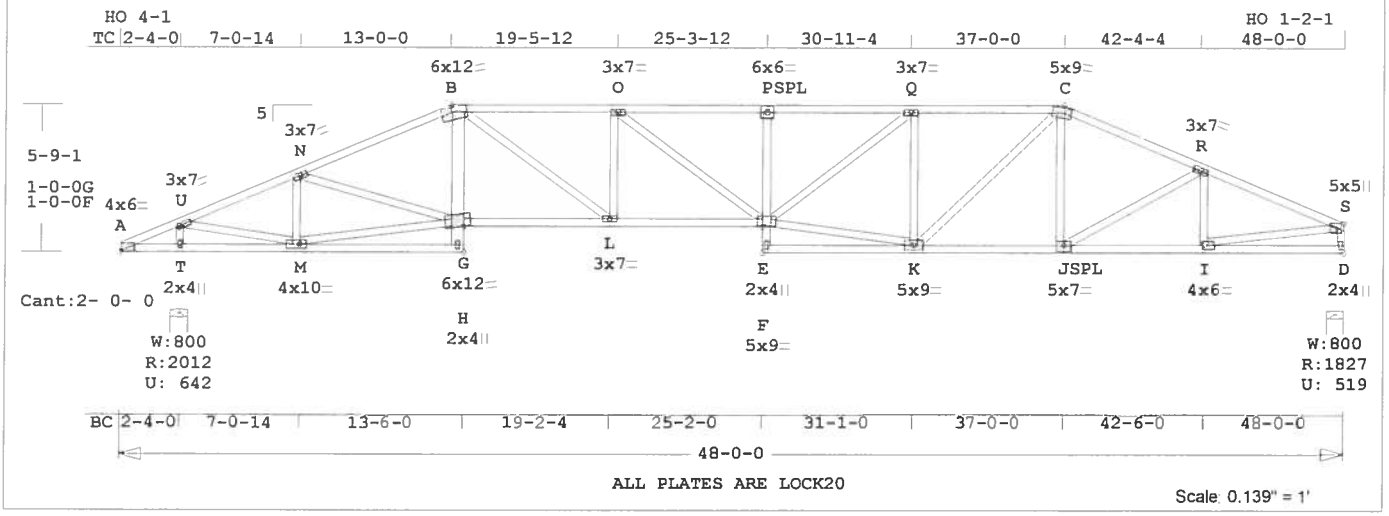
Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A18	1	SP	480000	5	0	0	T05121429
U# J#BEACH BEACH RESIDENCE								

BC Dead Load : 5.0 psf
Max comp. force 2096 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A19	1	SP	480000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 367.6 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.67	2x 4	SP-#2
BC	0.89	2x 4	SP-#2
CW	0.33	2x 6	SP-#2
EX E -P		2x 4	SP-#2
WB	0.64	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	48- 0- 0
BC Cont.		0- 0- 0	48- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
T	2012	642	8- 0	2- 4
			Hz =	-158
D	1828	520	8- 0	2- 3
			Hz =	161

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -U	0.22	80	C 0.01	0.21
U -N	0.26	2767	C 0.05	0.21
N -B	0.50	3540	C 0.08	0.42
B -O	0.67	4378	C 0.24	0.43
O -P	0.51	4636	C 0.14	0.37
P -Q	0.45	4615	C 0.22	0.23
Q -C	0.42	3558	C 0.15	0.27
C -R	0.33	3019	C 0.06	0.27
R -S	0.45	2991	C 0.11	0.34
Bottom Chords				
A -T	0.12	86	T 0.00	0.12
T -M	0.20	190	T 0.00	0.20
M -H	0.24	326	T 0.02	0.22
G -L	0.72	3340	T 0.56	0.16
L -F	0.89	4379	T 0.73	0.16
E -K	0.21	143	T 0.00	0.21
K -J	0.57	2784	T 0.46	0.11
J -I	0.54	2771	T 0.46	0.08
I -D	0.16	151	T 0.00	0.16
Chord-Webs				
H -G	0.33	106	T 0.00	0.33
G -B	0.03	317	T 0.03	0.00
E -F	0.29	92	T 0.00	0.29
F -P	0.09	333	C 0.09	0.00
Webs				
T -U	0.17	1904	C	
U -M	0.48	2644	T	
M -N	0.10	807	C	
M -G	0.41	2254	T	
N -G	0.13	755	T	
B -L	0.24	1283	T	
L -O	0.15	594	C	
O -F	0.08	321	T	
F -Q	0.24	1336	T	
F -K	0.64	3465	T	
K -Q	0.44	1185	C	
K -C	0.22	1058	T	
J -C	0.03	210	T	
J -R	0.04	111	T	
I -R	0.05	367	C	
I -S	0.51	2813	T	
D -S	0.16	1777	C WindLd	

LL Defl -0.38" in L -F L/999
TL Defl -0.79" in L -F L/682
LL Cant 0.04" in A -T L/655
Shear // Grain in B -O 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	0.85
U	LOCK	3.0x 7.0	Ctr	Ctr	0.82
N	LOCK	3.0x 7.0	Ctr	Ctr	0.43
B	LOCK	6.0x12.0	1.3	-4.1	0.79
O	LOCK	3.0x 7.0	Ctr	Ctr	0.47
P	LOCK	6.0x 6.0	Ctr	Ctr	0.88
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.48
C	LOCK	5.0x 9.0	-1.2	-3.3	0.79
R	LOCK	3.0x 7.0	Ctr	Ctr	0.44
S	LOCK	5.0x 5.0	-0.5	Ctr	0.98
T	LOCK	2.0x 4.0	Ctr	Ctr	0.67
M	LOCK	4.0x10.0	Ctr	Ctr	0.86
H	LOCK	2.0x 4.0	Ctr	Ctr	0.91
G	LOCK	6.0x12.0	Ctr	0.9	0.82
L	LOCK	3.0x 7.0	Ctr	Ctr	0.47
F	LOCK	5.0x 9.0	Ctr	0.8	0.88
E	LOCK	2.0x 4.0	Ctr	Ctr	0.66
K	LOCK	5.0x 9.0	Ctr	Ctr	0.90
J	LOCK	5.0x 7.0	Ctr	-0.5	0.88
I	LOCK	4.0x 6.0	Ctr	Ctr	0.91
D	LOCK	2.0x 4.0	Ctr	Ctr	0.65

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

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

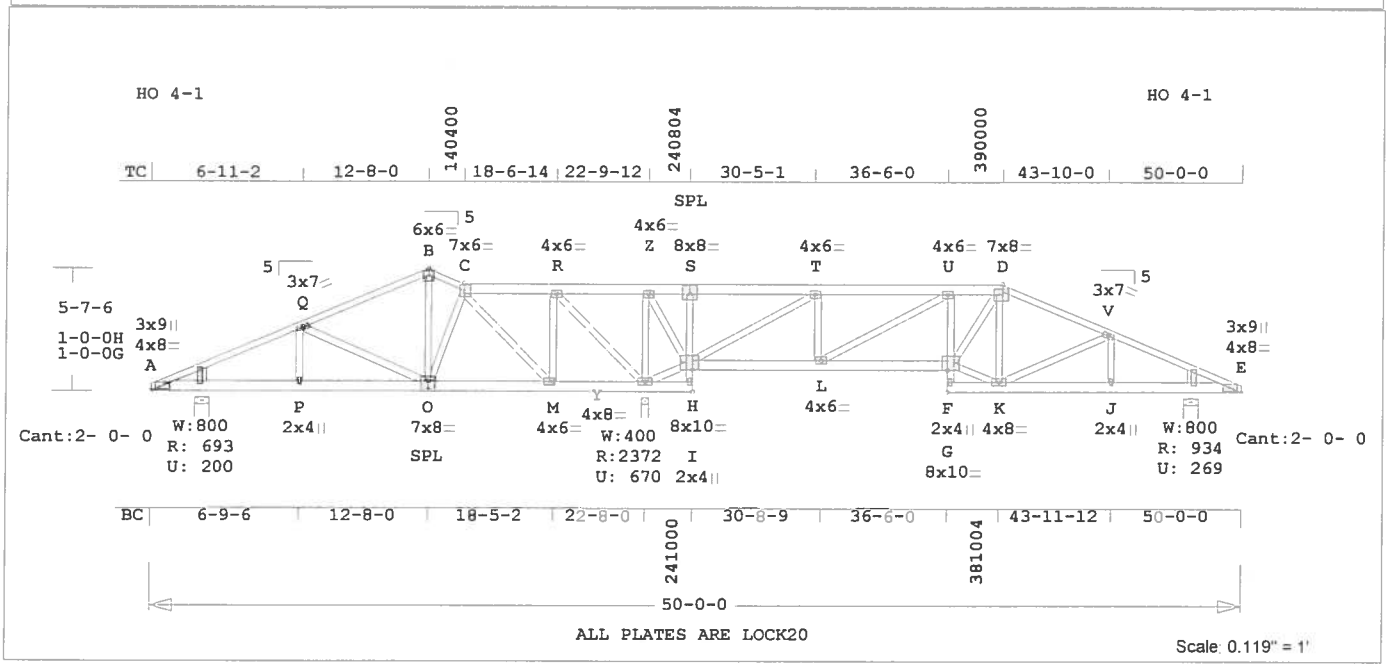
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 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 4636 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682

Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A20	1	SP	500000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 433.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
EX C	-S	2x 6	SP-#2
EX S	-D	2x 6	SP-#2
BC	0.56	2x 6	SP-#2
CW	0.14	2x 4	SP-#2
WB	0.92	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	50- 0- 0
BC	Cont.	0- 0- 0	50- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	693	201	8- 0	1- 0
			Hz =	-150
Y	2373	671	4- 0	2- 9
E	934	269	8- 0	1- 1
			Hz =	151

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -Q	0.25	594	C	0.00	0.25
Q -B	0.27	241	C	0.00	0.27
B -C	0.13	236	C	0.00	0.13
C -R	0.17	453	T	0.05	0.12
R -Z	0.28	1348	T	0.16	0.12
Z -S	0.25	1049	T	0.12	0.13
S -T	0.28	1043	T	0.12	0.16
T -U	0.16	408	C	0.00	0.16
U -D	0.07	1020	C	0.00	0.07
D -V	0.22	888	C	0.00	0.22
V -E	0.34	972	C	0.00	0.34
Bottom Chords					
A -P	0.35	548	T	0.06	0.29
P -O	0.16	548	T	0.06	0.10
O -M	0.10	137	T	0.00	0.10
M -Y	0.09	453	C	0.00	0.09
Y -I	0.09	79	C	0.00	0.09
H -L	0.12	408	T	0.03	0.09
L -G	0.18	1025	T	0.12	0.06
F -K	0.08	23	C	0.00	0.08
K -J	0.27	884	T	0.10	0.17
J -E	0.56	884	T	0.10	0.46
Chord-Webs					
I -H	0.14	32	C	0.00	0.14
H -S	0.04	258	C	0.04	0.00
F -G	0.04	21	C	0.00	0.04
G -U	0.02	173	T	0.02	0.00
Webs					
P -Q	0.01	118	T		
Q -O	0.18	365	C		
O -B	0.01	85	T		
O -C	0.06	374	T		
C -M	0.33	769	C		
M -R	0.11	623	T		
R -Y	0.56	1298	C		
Y -Z	0.15	661	C		
Y -H	0.15	1428	C		
Z -H	0.10	593	T		
H -T	0.92	1684	C		
L -T	0.08	519	T		
L -U	0.41	710	C		
G -D	0.06	356	T		
G -K	0.16	879	T		
K -D	0.03	159	C		
K -V	0.03	81	C		
J -V	0.01	158	C		

LL Defl -0.05" in K -J L/999
TL Defl -0.10" in K -J L/999
Shear // Grain in Q -B 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

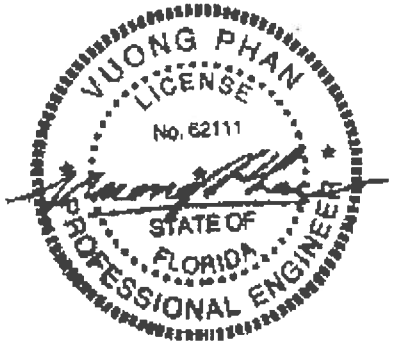
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 8.0	Ctr	Ctr	0.83
A	LOCK	3.0x 9.0	Ctr	Ctr	0.00
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	6.0x 6.0	Ctr	-0.5	0.75
C	LOCK	7.0x 6.0	0.5	Ctr	0.81
R	LOCK	4.0x 6.0	Ctr	Ctr	0.47
Z	LOCK	4.0x 6.0	Ctr	Ctr	0.52
S	LOCK	8.0x 8.0	Ctr	1.0	0.75
T	LOCK	4.0x 6.0	Ctr	Ctr	0.47
U	LOCK	4.0x 6.0	Ctr	Ctr	0.45
D	LOCK	7.0x 8.0	1.0	Ctr	0.90
V	LOCK	3.0x 7.0	Ctr	Ctr	0.44
E	LOCK	4.0x 8.0	Ctr	Ctr	0.83
E	LOCK	3.0x 9.0	Ctr	Ctr	0.00
P	LOCK	2.0x 4.0	Ctr	Ctr	0.54
O	LOCK	7.0x 8.0	Ctr	-0.8	0.71
M	LOCK	4.0x 6.0	Ctr	Ctr	0.47
Y	LOCK	4.0x 8.0	Ctr	Ctr	0.53
I	LOCK	2.0x 4.0	Ctr	Ctr	0.91
H	LOCK	8.0x10.0	Ctr	1.2	0.78
L	LOCK	4.0x 6.0	Ctr	Ctr	0.47
G	LOCK	8.0x10.0	Ctr	1.2	0.73
F	LOCK	2.0x 4.0	Ctr	Ctr	0.91
K	LOCK	4.0x 8.0	Ctr	Ctr	0.54
J	LOCK	2.0x 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.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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: 130 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 1684 Lbs
Quality Control Factor 1.25

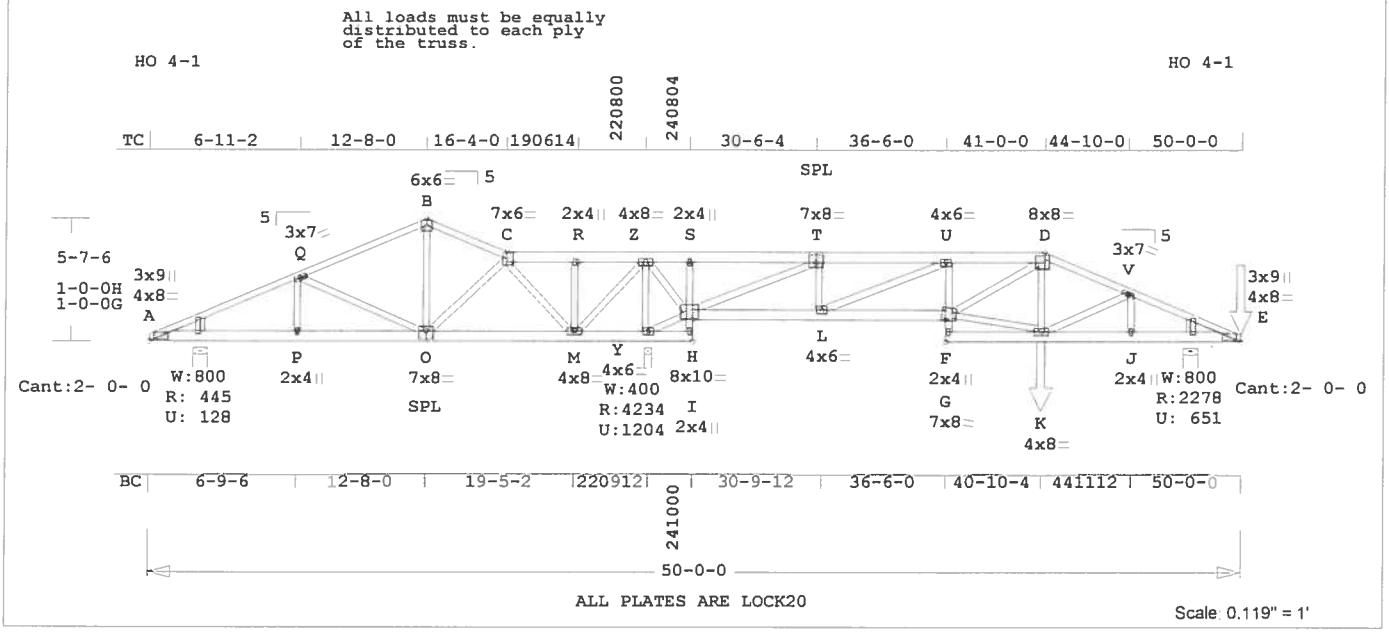
Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A21	1*2P	SP	500000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 419.2 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
EX C -T		2x 6	SP-#2
EX T -D		2x 6	SP-#2
BC	0.78	2x 6	SP-#2
CW	0.17	2x 4	SP-#2
WB	0.37	2x 4	SP-#2
WG	---	2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	50- 0- 0
BC Cont.		0- 0- 0	50- 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 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25

plf -	Live	Dead	From	To
TC V	40	20	0.0'	50.0'
BC V	0	20	0.0'	50.0'
TC V	50	25	22.8'	41.0'
BC V	0	25	22.8'	41.0'
BC V	480	480	40.9'	CL-LB
TC V	90	90	50.0'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
A	446	129	8- 0	1- 0
			Hz =	-150
Y	4234	1205	4- 0	2- 5
E	2279	651	8- 0	1- 5
			Hz =	151

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -Q	0.17	175 C	0.00	0.17
Q -B	0.19	304 T	0.02	0.17
B -C	0.15	305 T	0.02	0.13
C -R	0.22	1975 T	0.13	0.09
R -Z	0.19	1975 T	0.13	0.06
Z -S	0.34	2012 T	0.13	0.21
S -T	0.34	1982 T	0.13	0.21
T -U	0.17	2418 C	0.00	0.17
U -D	0.11	4331 C	0.01	0.10
D -V	0.19	3299 C	0.02	0.17
V -E	0.49	2379 C	0.01	0.48
--------Bottom Chords---------				
A -P	0.07	245 T	0.01	0.06
P -O	0.06	245 T	0.00	0.06
O -M	0.06	1203 C	0.00	0.06
M -Y	0.11	3025 C	0.00	0.11
Y -I	0.11	167 C	0.00	0.11
H -L	0.28	2418 T	0.16	0.12
L -G	0.40	4355 T	0.29	0.11
F -K	0.04	167 T	0.01	0.03
K -J	0.39	2112 T	0.14	0.25
J -E	0.78	2112 T	0.14	0.64
----------Chord-Webs----------				
I -H	0.17	67 C	0.00	0.17
H -S	0.03	698 C	0.03	0.00
F -G	0.17	115 T	0.00	0.17
G -U	0.03	409 T	0.03	0.00
------------Webs------------				
P -Q	0.01	163 T		
Q -O	0.03	496 C		
O -B	0.03	492 C		
O -C	0.11	1251 T		
C -M	0.06	1154 C		
M -R	0.01	283 C		
M -Z	0.14	1576 T		
Y -Z	0.13	2575 C		
Z -H	0.15	1662 T		
Y -H	0.15	3188 C		
H -T	0.37	4807 C		
L -T	0.10	1118 T		
L -U	0.16	2116 C		
G -D	0.13	1459 T		
G -K	0.27	2983 T		
K -D	0.02	388 T		
K -V	0.09	1071 T		
J -V	0.03	757 C		

LL Defl -0.09" in F -G L/999
TL Defl -0.17" in F -G L/999
Shear // Grain in J -E 0.29

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

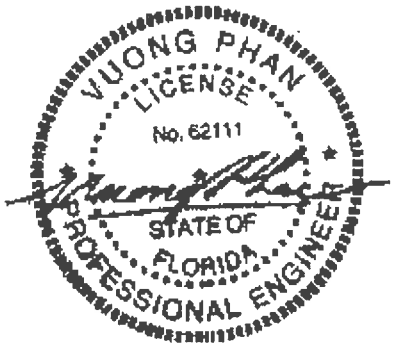
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 8.0	Ctr	Ctr	0.83
A	LOCK	3.0x 9.0	Ctr	Ctr	0.00
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	6.0x 6.0	Ctr-0.5		0.75
C	LOCK	7.0x 6.0	0.5	Ctr	0.81
R	LOCK	2.0x 4.0	Ctr	Ctr	0.54
Z	LOCK	4.0x 8.0	Ctr	Ctr	0.47
S	LOCK	2.0x 4.0	Ctr	Ctr	0.20
T	LOCK	7.0x 8.0	Ctr	0.8	0.71
U	LOCK	4.0x 6.0	Ctr	Ctr	0.50
D	LOCK	8.0x 8.0	0.5	Ctr	0.83
V	LOCK	3.0x 7.0	Ctr	Ctr	0.44
E	LOCK	4.0x 8.0	Ctr	Ctr	0.83
E	LOCK	3.0x 9.0	Ctr	Ctr	0.00
P	LOCK	2.0x 4.0	Ctr	Ctr	0.54
O	LOCK	7.0x 8.0	Ctr-0.8		0.71
M	LOCK	4.0x 8.0	Ctr	Ctr	0.47
Y	LOCK	4.0x 6.0	Ctr	Ctr	0.47
I	LOCK	2.0x 4.0	Ctr	Ctr	0.91
H	LOCK	8.0x10.0	Ctr	1.2	0.88
L	LOCK	4.0x 6.0	Ctr	Ctr	0.50
G	LOCK	7.0x 8.0	0.1	0.5	0.76
F	LOCK	2.0x 4.0	Ctr	Ctr	0.91
K	LOCK	4.0x 8.0	Ctr	Ctr	0.71
J	LOCK	2.0x 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.

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)----

Truss Design Engineer: Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12 15 2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A21	1*2P	SP	500000	5	0	0	105121429

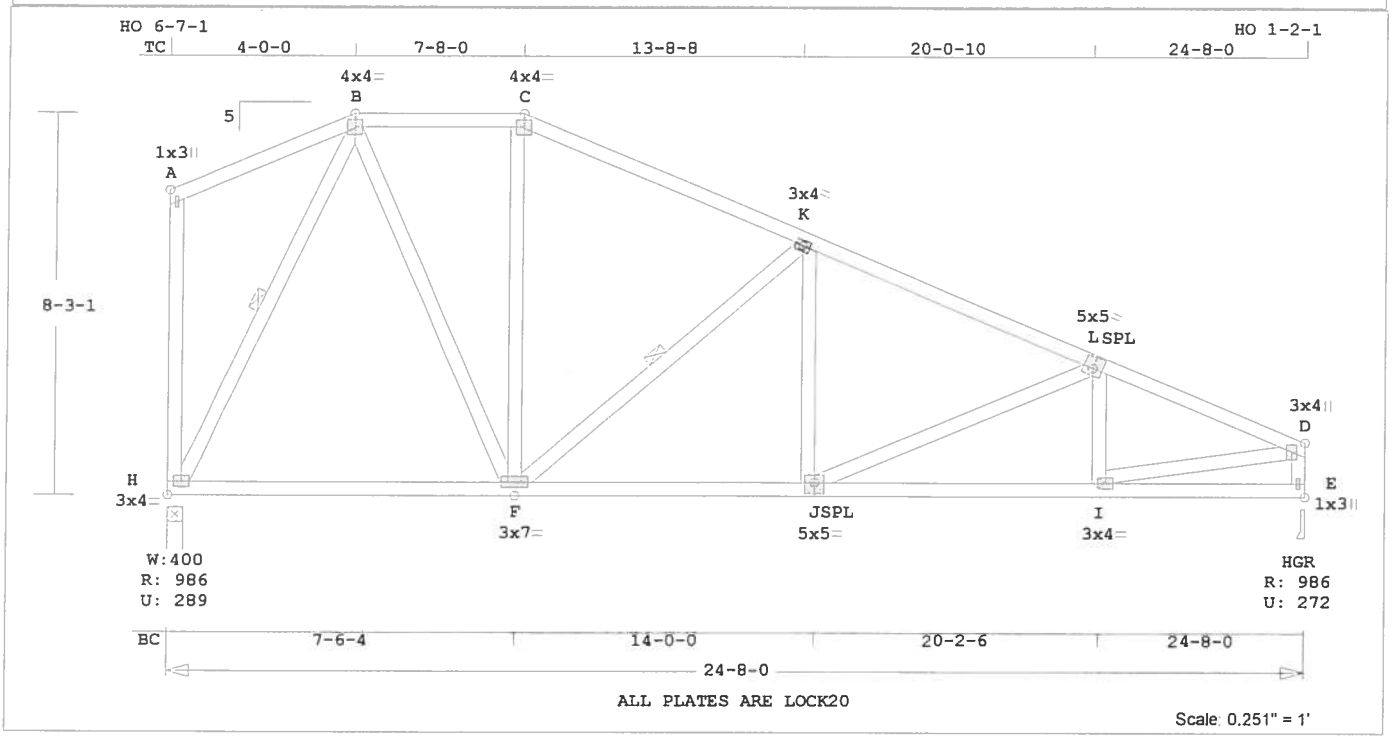
U# J#BEACH BEACH RESIDENCE

	Rows	Nails	Screws	Bolts
TC	1	12	24	0
BC	1	12	24	0
WB	1	4	4	

Plus clusters of nails where shown.
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: 130 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 4807 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A22	1	HIPP	240800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 205.6 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.42	2x 4	SP-#2
BC	0.43	2x 4	SP-#2
WB	0.25	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	24- 8- 0
BC Cont.		0- 0- 0	24- 8- 0

WB 1 rows CLB on H -B
WB 1 rows CLB on F -K
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 Req'd In-Sx	In-Sx
H	987	290	4- 0	1- 3
			Hz =	-360
E	987	273	3- 8	1- 3
			Hz =	178

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -B	0.23	145 T	0.00	0.23
B -C	0.21	650 C	0.00	0.21
C -K	0.42	716 C	0.00	0.42
K -L	0.42	1232 C	0.00	0.42
L -D	0.28	1439 C	0.01	0.27
--------Bottom Chords---------				
H -F	0.35	394 T	0.03	0.32
F -J	0.43	1142 T	0.11	0.32
J -I	0.32	1340 T	0.22	0.10
I -E	0.17	168 T	0.00	0.17
----------Webs----------				
H -A	0.19	132 C	WindLd	
H -B	0.23	884 C		1 Br
B -F	0.13	614 T		
F -C	0.02	135 T		
F -K	0.15	644 C		1 Br
J -K	0.04	307 T		
J -L	0.12	216 C		
I -L	0.02	173 C		
I -D	0.25	1371 T		
E -D	0.08	950 C	WindLd	

LL Defl -0.09" in H -F L/999
TL Defl -0.19" in H -F L/999
Shear // Grain in C -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

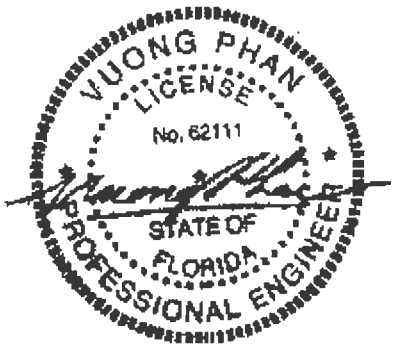
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	1.0x 3.0	Ctr	Ctr	0.75
B	LOCK	4.0x 4.0	Ctr	Ctr	0.94
C	LOCK	4.0x 4.0	Ctr	Ctr	0.94
K	LOCK	3.0x 4.0	Ctr	Ctr	0.61
L	LOCK	5.0x 5.0	0.2	0.5	0.62
D	LOCK	3.0x 4.0	Ctr	Ctr	0.95
H	LOCK	3.0x 4.0	Ctr	Ctr	0.75
F	LOCK	3.0x 7.0	Ctr	Ctr	0.51
J	LOCK	5.0x 5.0	Ctr	-0.5	0.63
I	LOCK	3.0x 4.0	Ctr	Ctr	0.82
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
Provide connection to bearing for 361 Lbs Horiz Reaction
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: 130 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 1439 Lbs
Quality Control Factor 1.25

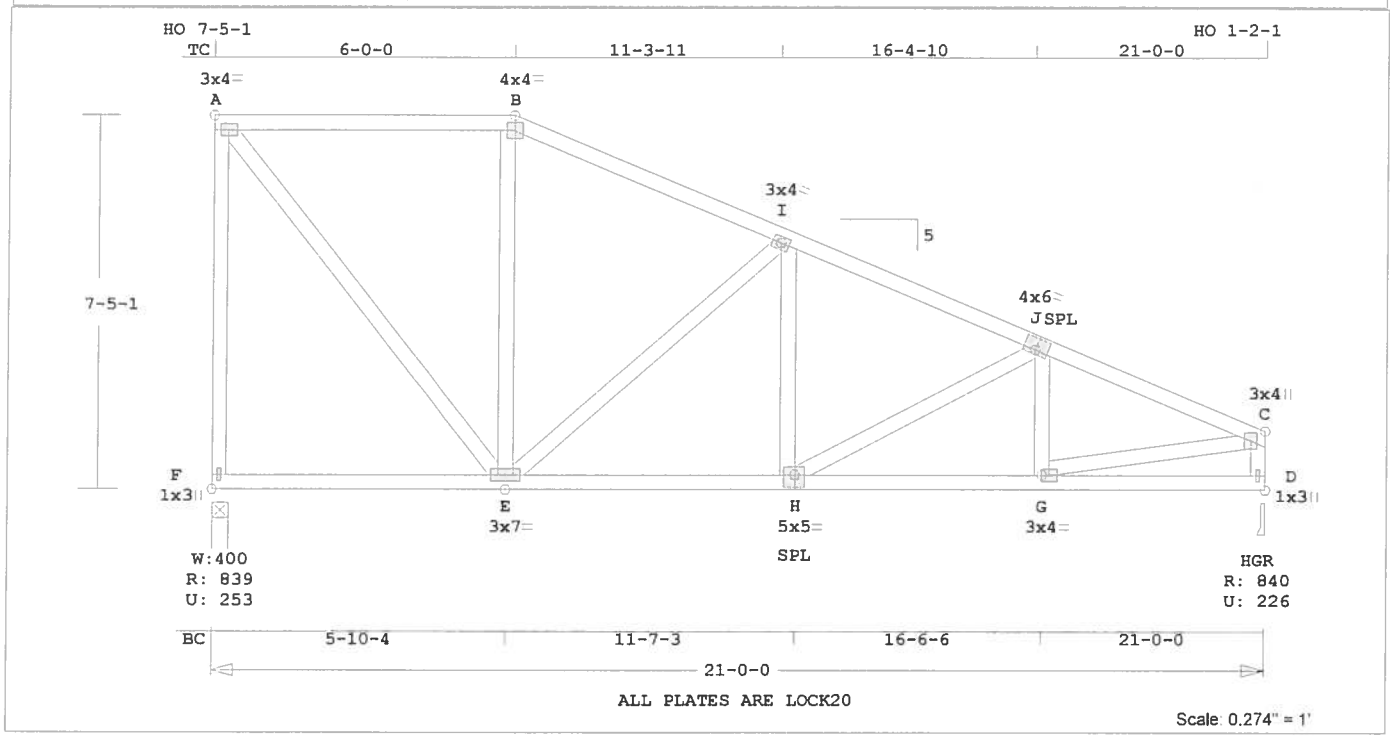
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A23	1	HHIP	210000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 170.1 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.30	2x 4	SP-#2
WB	0.50	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
BC	Cont.	0- 0- 0	21- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
F	840	253	4- 0	1- 0
			Hz =	-360
D	840	226	3- 8	1- 0
			Hz =	150

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.35	505	C	0.00	0.35
B -I	0.26	550	C	0.00	0.26
I -J	0.26	989	C	0.00	0.26
J -C	0.20	1171	C	0.00	0.20
Bottom Chords					
F -E	0.21	263	T	0.00	0.21
E -H	0.30	915	T	0.09	0.21
H -G	0.25	1090	T	0.18	0.07
G -D	0.12	140	T	0.00	0.12
Webs					
F -A	0.50	791	C	WindLd	
A -E	0.24	808	T		
E -B	0.09	158	T		
E -I	0.36	542	C		
H -I	0.04	278	T		
H -J	0.08	198	C		
G -J	0.01	135	C		
G -C	0.20	1115	T		
D -C	0.07	800	C	WindLd	

LL Defl -0.03" in F -E L/999
TL Defl -0.07" in F -E L/999
Shear // Grain in A -B 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 - RHS 20 Ga, Gross Area

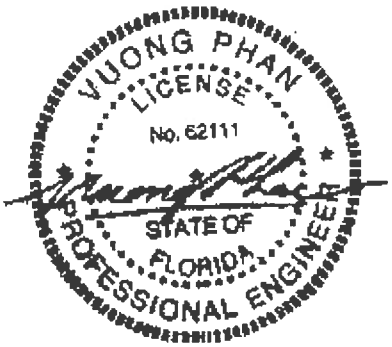
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.70
B	LOCK	4.0x 4.0	Ctr	Ctr	0.87
I	LOCK	3.0x 4.0	Ctr	Ctr	0.57
J	LOCK	4.0x 6.0	0.4	1.0	0.57
C	LOCK	3.0x 4.0	Ctr	Ctr	0.77
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
E	LOCK	3.0x 7.0	Ctr	Ctr	0.60
H	LOCK	5.0x 5.0	Ctr	-0.5	0.58
G	LOCK	3.0x 4.0	Ctr	Ctr	0.70
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
Provide connection to bearing for 361 Lbs Horiz Reaction
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: 130 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 1171 Lbs
Quality Control Factor 1.25

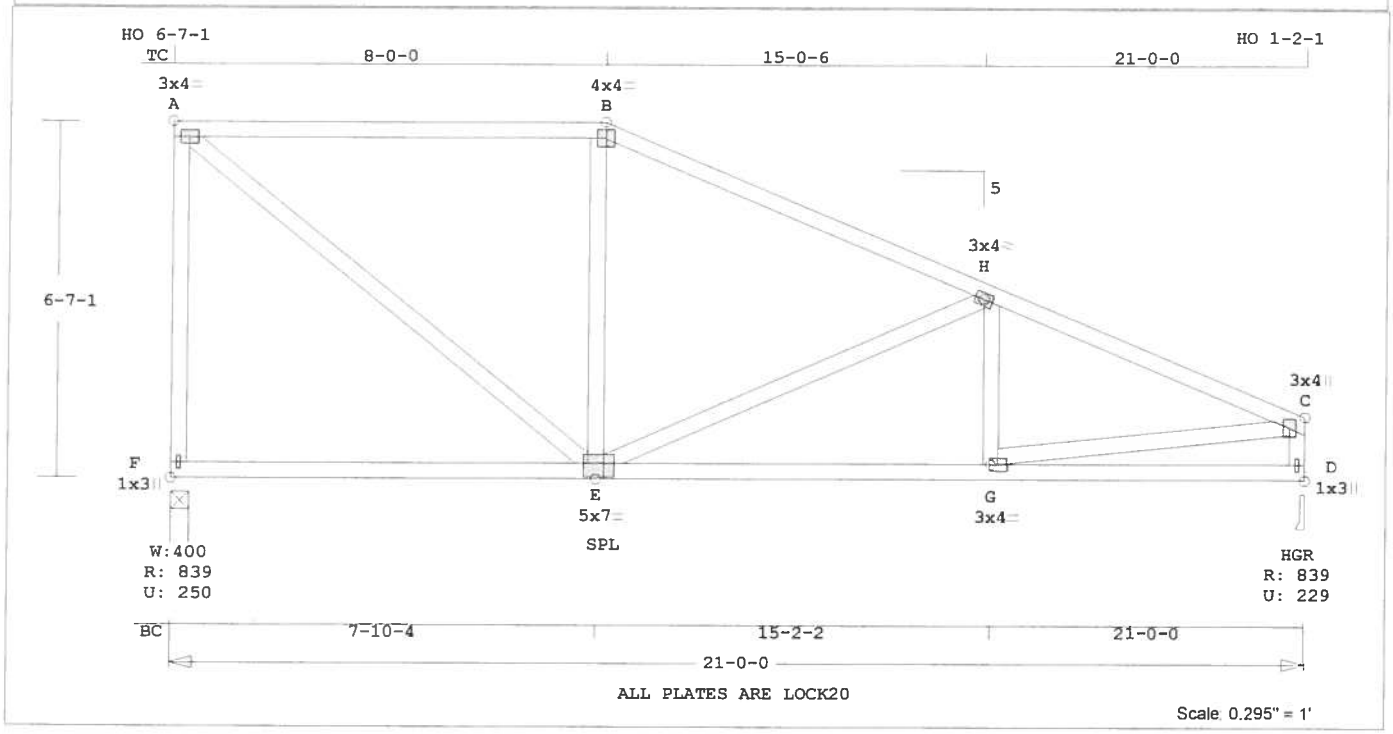
Truss Design Engineer Vuong Phan
License # 62111
Address P O Box 280055, Tampa, FL 33682



Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A24	1	HHIP	210000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 154.1 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.68	2x 4	SP-#2
BC	0.49	2x 4	SP-#2
WB	0.38	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	21- 0- 0
BC Cont.		0- 0- 0	21- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
F	840	251	4- 0	1- 0
			Hz =	-318
D	840	229	3- 8	1- 0
			Hz =	133

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -B	0.68	690	C	0.01	0.67
B -H	0.44	750	C	0.00	0.44
H -C	0.44	1206	C	0.00	0.44
--------Bottom Chords---------					
F -E	0.38	230	T	0.00	0.38
E -G	0.49	1129	T	0.11	0.38
G -D	0.22	123	T	0.00	0.22
----------Webs----------					
F -A	0.38	775	C	WindLd	
A -E	0.32	891	T		
E -B	0.09	193	C		
E -H	0.38	480	C		
G -H	0.02	133	T		
G -C	0.21	1144	T		
D -C	0.07	791	C	WindLd	

LL Defl -0.10" in F -E L/999
TL Defl -0.21" in F -E L/999
Shear // Grain in A -B 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

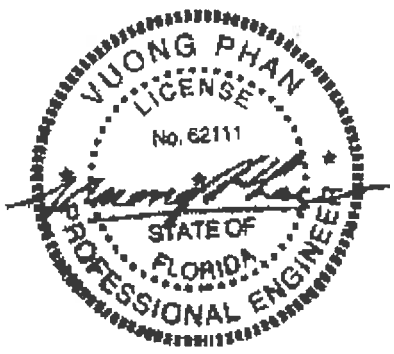
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.70
B	LOCK	4.0x 4.0	Ctr	Ctr	0.87
H	LOCK	3.0x 4.0	Ctr	Ctr	0.57
C	LOCK	3.0x 4.0	Ctr	Ctr	0.81
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
E	LOCK	5.0x 7.0-1.0-0.5			0.82
G	LOCK	3.0x 4.0	Ctr	Ctr	0.70
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
Provide connection to bearing for 319 Lbs Horiz Reaction
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: 130 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 1206 Lbs
Quality Control Factor 1.25

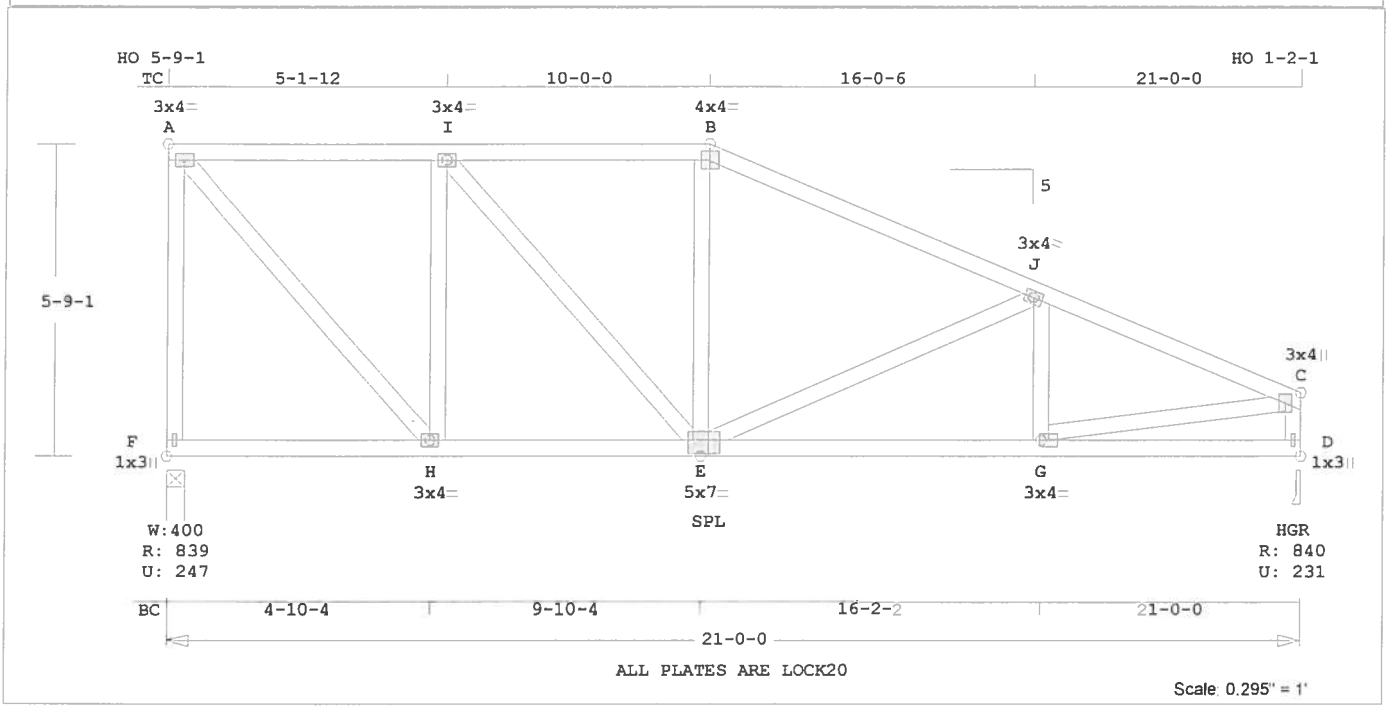
Truss Design Engineer Vuong Phan
License #: 62111
Address P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A25	1	HHIP	210000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 163.7 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.29	2x 4	SP-#2
WB	0.29	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	21- 0- 0
BC	Cont.	0- 0- 0	21- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
F	840	248	4- 0	1- 0
			Hz =	-276
D	840	232	3- 8	1- 0
			Hz =	116

Membr	CSI	P Lbs	Axl	CSI-Bnd	
----------Top Chords----------					
A -I	0.26	597	C	0.00	0.26
I -B	0.26	807	C	0.00	0.26
B -J	0.34	881	C	0.00	0.34
J -C	0.34	1203	C	0.00	0.34
--------Bottom Chords---------					
F -H	0.13	197	T	0.00	0.13
H -E	0.23	597	T	0.06	0.17
E -G	0.29	1125	T	0.11	0.18
G -D	0.18	106	T	0.00	0.18

----------Webs----------

F -A	0.29	796	C WindLd
A -H	0.17	899	T
H -I	0.21	570	C
I -E	0.06	316	T
E -B	0.02	147	T
E -J	0.20	348	C
G -J	0.01	120	T
G -C	0.21	1146	T
D -C	0.07	800	C WindLd

LL Defl -0.04" in E -G L/999
TL Defl -0.09" in E -G L/999
Shear // Grain in B -J 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	3.0x 4.0	Ctr	Ctr	0.70
I	LOCK	3.0x 4.0	Ctr	Ctr	0.52
B	LOCK	4.0x 4.0	Ctr	Ctr	0.87
J	LOCK	3.0x 4.0	Ctr	Ctr	0.57
C	LOCK	3.0x 4.0	Ctr	Ctr	0.80
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.58
E	LOCK	5.0x 7.0-1.0-0.5			0.58
G	LOCK	3.0x 4.0	Ctr	Ctr	0.70
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
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: 130 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 1203 Lbs
Quality Control Factor 1.25

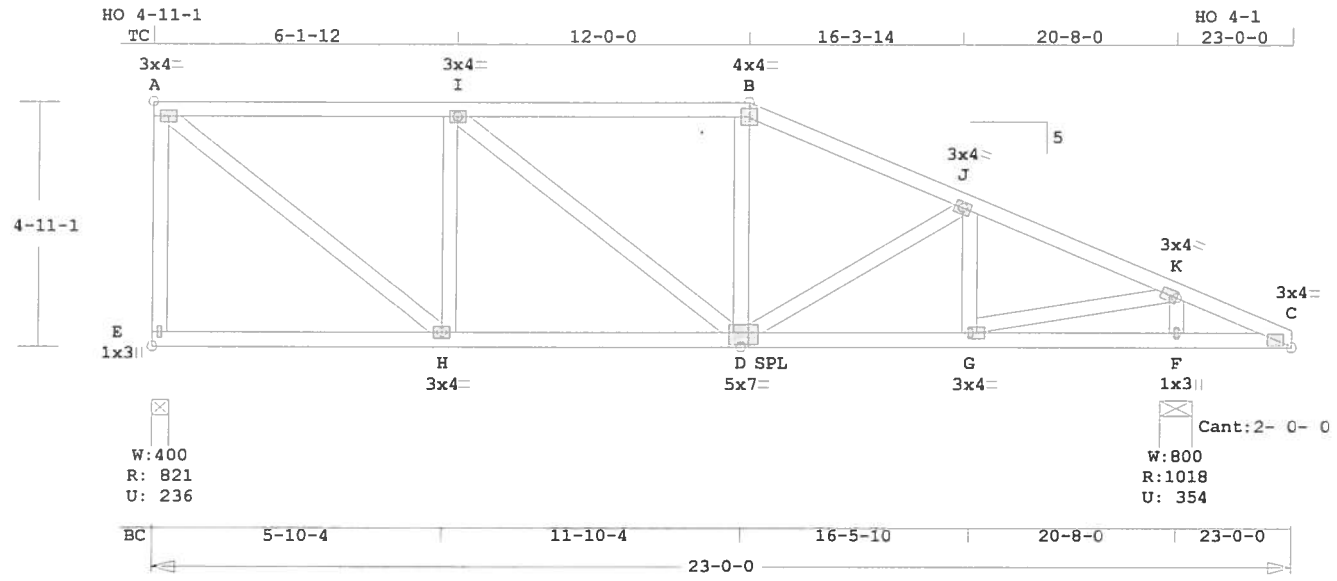
Truss Design Engineer Vuong Phan
License # 62111
Address P.O. Box 280055, Tampa, FL 33682

VUONG PHAN LICENSE No. 62111 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A26	1	HHIP	230000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 163.2 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.30	2x 4	SP-#2
WB	0.21	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	23- 0- 0
BC	Cont.	0- 0- 0	23- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
E	822	237	4- 0	1- 0
			Hz =	-227
F	1018	355	8- 0	1- 2
			Hz =	91

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -I	0.41	792 C	0.00	0.41
I -B	0.41	888 C	0.00	0.41
B -J	0.15	963 C	0.00	0.15
J -K	0.15	1047 C	0.00	0.15
K -C	0.17	109 T	0.02	0.15
Bottom Chords				
E -H	0.22	178 T	0.00	0.22
H -D	0.30	792 T	0.08	0.22
D -G	0.24	966 T	0.16	0.08
G -F	0.09	119 T	0.00	0.09
F -C	0.09	103 T	0.00	0.09
Webs				
E -A	0.21	771 C	WindLd	
A -H	0.19	1010 T		
H -I	0.13	494 C		
I -D	0.03	122 T		
D -B	0.02	176 T		
D -J	0.03	90 C		
G -J	0.02	178 C		
G -K	0.19	1080 T		
F -K	0.08	918 C		

LL Defl -0.04" in E -H L/999
TL Defl -0.08" in E -H L/999
LL Cant 0.00" in F -C L/999
Shear // Grain in A -I 0.28

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

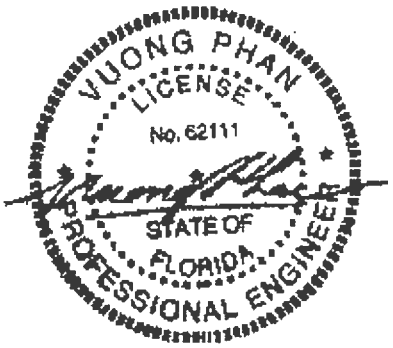
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.73
I	LOCK	3.0x 4.0	Ctr	Ctr	0.55
B	LOCK	4.0x 4.0	Ctr	Ctr	0.91
J	LOCK	3.0x 4.0	Ctr	Ctr	0.59
K	LOCK	3.0x 4.0	Ctr	Ctr	0.59
C	LOCK	3.0x 4.0	Ctr	Ctr	0.84
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.62
D	LOCK	5.0x 7.0	-1.0	-0.5	0.61
G	LOCK	3.0x 4.0	Ctr	Ctr	0.74
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
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: 130 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 1047 Lbs
Quality Control Factor 1.25

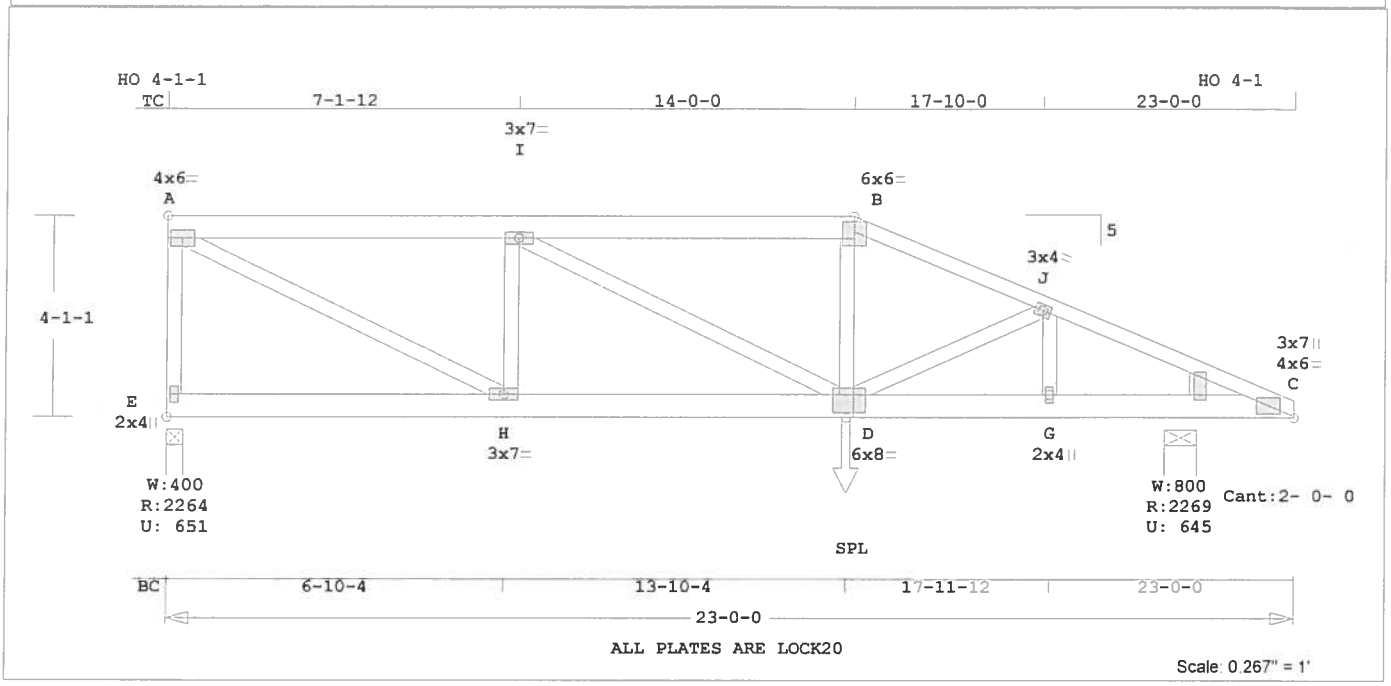
Truss Design Engineer: Vuong Phan
License # 62111
Address P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	A27	1*2P	HHIP	230000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 183.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.44	2x 6	SP-#2
EX B -C		2x 4	SP-#2
BC	0.90	2x 6	SP-#2
WB	0.36	2x 4	SP-#2
WG	---	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	23- 0- 0
BC Cont.		0- 0- 0	23- 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'	23.0'
BC V	0	20	0.0'	23.0'
TC V	70	35	1.0'	14.0'
TC V	-40	-20	0.0'	1.0'
BC V	0	35	1.0'	13.9'
BC V	0	-20	0.0'	1.0'
BC V	480	480	13.9'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
E	2265	652	4- 0	1- 5
			Hz =	-175
C	2270	646	8- 0	1- 4
			Hz =	72

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -I	0.44	3467 C	0.01 0.43
I -B	0.44	3557 C	0.01 0.43
B -J	0.33	3802 C	0.02 0.31
J -C	0.57	2778 C	0.01 0.56
--------Bottom Chords---------			
E -H	0.20	137 T	0.00 0.20
H -D	0.34	3467 T	0.14 0.20
D -G	0.45	2473 T	0.16 0.29
G -C	0.81	2473 T	0.16 0.65
------------Webs------------			
E -A	0.10	2145 C	WindLd
A -H	0.36	3923 T	
H -I	0.07	1431 C	
I -D	0.00	114 T	
D -B	0.07	841 T	
D -J	0.11	1209 T	
G -J	0.03	803 C	

LL Defl -0.06" in D -G L/999
TL Defl -0.14" in H -D L/999
Shear // Grain in G -C 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 - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.70
I	LOCK	3.0x 7.0	Ctr	Ctr	0.38
B	LOCK	6.0x 6.0	Ctr	-0.5	0.52
J	LOCK	3.0x 4.0	Ctr	Ctr	0.59
C	LOCK	4.0x 6.0	Ctr	Ctr	0.63
C	LOCK	3.0x 7.0	Ctr	Ctr	0.00
E	LOCK	2.0x 4.0	Ctr	Ctr	0.60
H	LOCK	3.0x 7.0	Ctr	Ctr	0.65
D	LOCK	6.0x 8.0	-1.0	-1.2	0.52
G	LOCK	2.0x 4.0	Ctr	Ctr	0.38

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

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

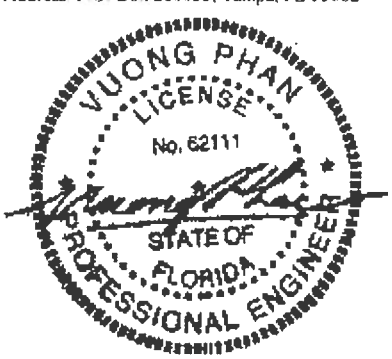
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004

Girder
Half Hip
Framing King Jacks
Jack Open Faced
Setback 9- 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.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	1	12	24	0
BC	2	12	24	0
WB	1	4	4	

Plus clusters of nails where shown.
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: 130 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 3802 Lbs
Quality Control Factor 1.25

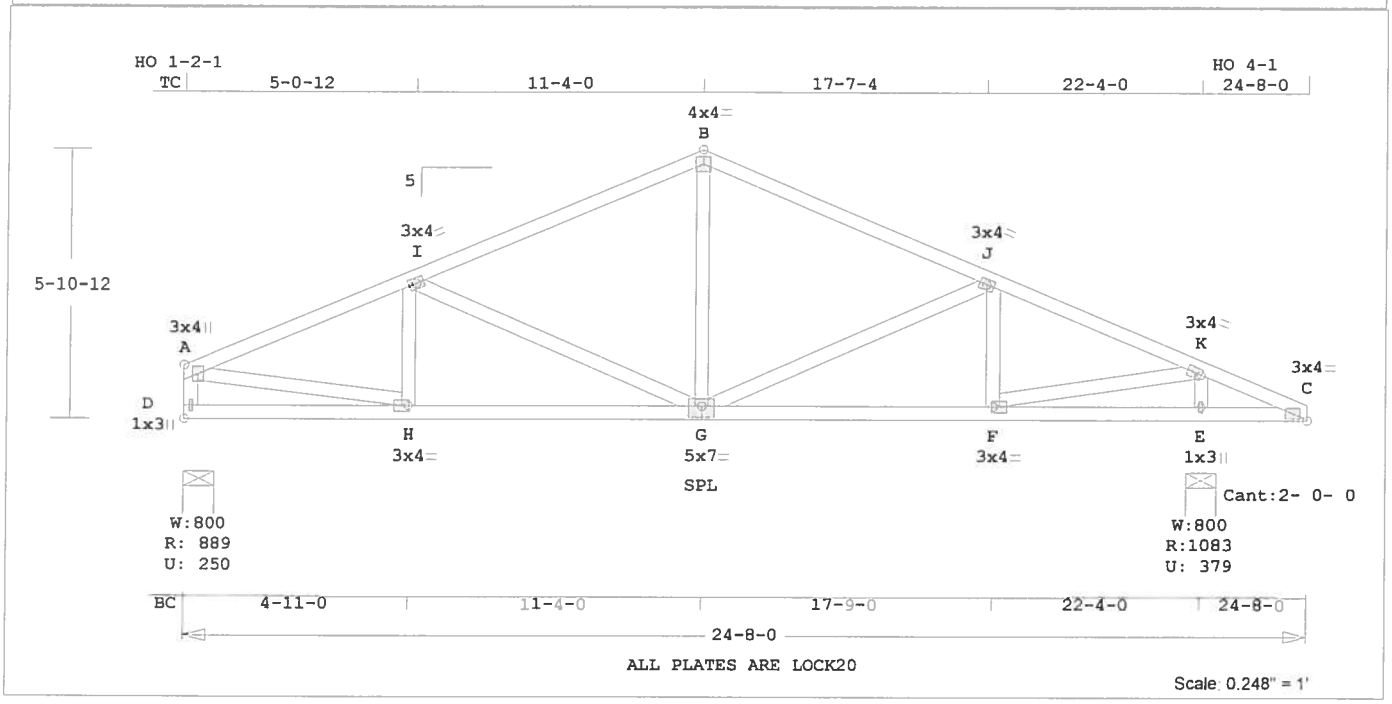
Truss Design Engineer Vuong Phan
License # 62111
Address P O Box 280055, Tampa, FL 33682



Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	B1	3	TR	240800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 162.4 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
WB	0.22	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	24- 8- 0
BC Cont.		0- 0- 0	24- 8- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
D	889	250	8- 0	1- 1
			Hz =	-154
E	1084	380	8- 0	1- 4
			Hz =	130

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -I	0.35	1288	C	0.01	0.34
I -B	0.34	981	C	0.00	0.34
B -J	0.30	980	C	0.00	0.30
J -K	0.30	1202	C	0.00	0.30
K -C	0.16	113	T	0.02	0.14
--------Bottom Chords---------					
D -H	0.17	138	T	0.00	0.17
H -G	0.35	1203	T	0.20	0.15
G -F	0.34	1116	T	0.11	0.23
F -E	0.15	149	T	0.00	0.15
E -C	0.09	105	T	0.00	0.09
----------Webs----------					
D -A	0.07	848	C	WindLd	
A -H	0.22	1225	T		
H -I	0.01	123	T		
I -G	0.20	329	C		
G -B	0.06	438	T		
G -J	0.14	234	C		
F -J	0.02	165	C		
F -K	0.22	1234	T		
E -K	0.09	982	C		

LL Defl -0.04" in G -F L/999
TL Defl -0.10" in G -F L/999
LL Cant 0.00" in E -C L/999
Shear // Grain in I -B 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 - RHS 20 Ga, Gross Area

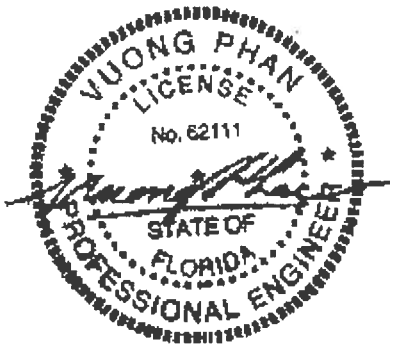
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.85
I	LOCK	3.0x 4.0	Ctr	Ctr	0.61
B	LOCK	4.0x 4.0	Ctr	Ctr	0.72
J	LOCK	3.0x 4.0	Ctr	Ctr	0.61
K	LOCK	3.0x 4.0	Ctr	Ctr	0.63
C	LOCK	3.0x 4.0	Ctr	Ctr	0.87
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.76
G	LOCK	5.0x 7.0	Ctr	-0.5	0.63
F	LOCK	3.0x 4.0	Ctr	Ctr	0.76
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
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: 130 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 1288 Lbs
Quality Control Factor 1.25

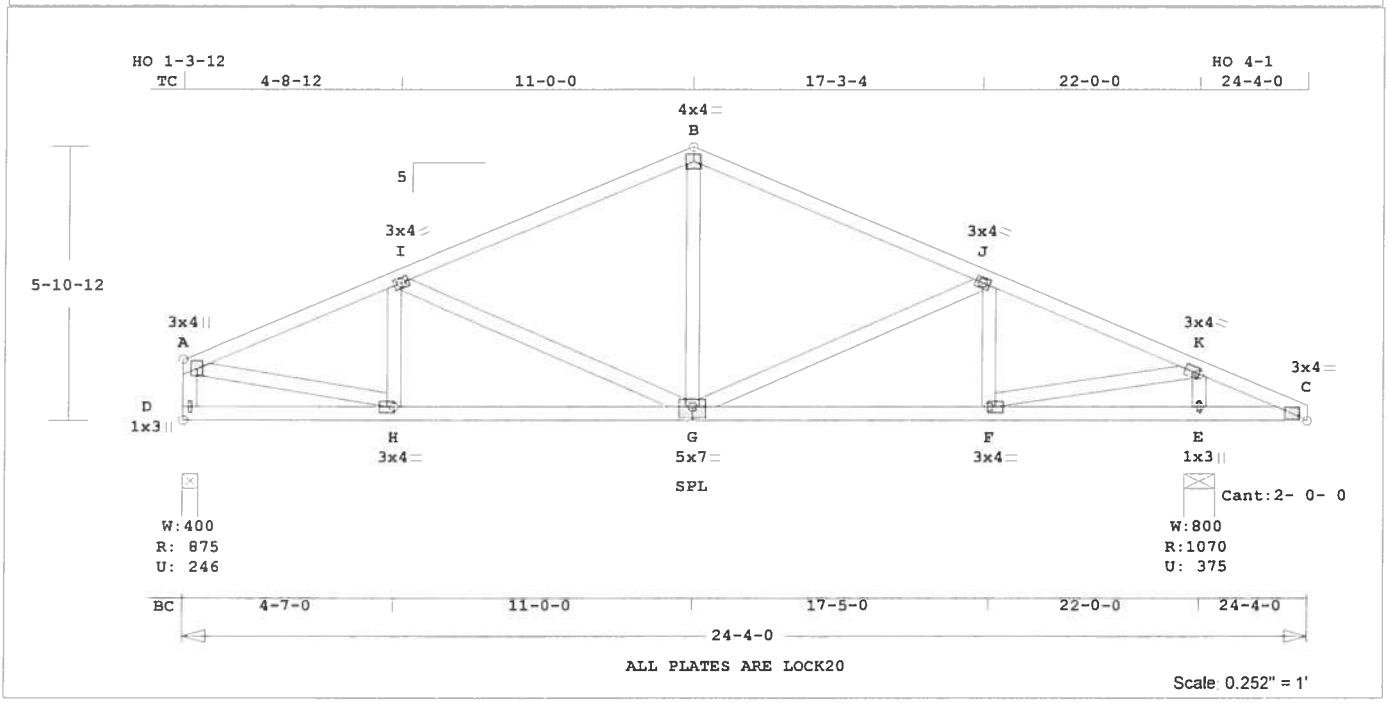
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	B2	1	TR	240400	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 160.7 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.32	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
WB	0.22	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	24- 4- 0
BC Cont.		0- 0- 0	24- 4- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
D	876	247	4- 0	1- 1
			Hz =	-157
E	1071	376	8- 0	1- 3
			Hz =	129

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.32	1199	C	0.00	0.32
I -B	0.32	953	C	0.00	0.32
B -J	0.30	952	C	0.00	0.30
J -K	0.30	1179	C	0.00	0.30
K -C	0.15	113	T	0.02	0.13
Bottom Chords					
D -H	0.16	138	T	0.00	0.16
H -G	0.35	1121	T	0.11	0.24
G -F	0.35	1096	T	0.11	0.24
F -E	0.15	149	T	0.00	0.15
E -C	0.09	106	T	0.00	0.09
Webs					
D -A	0.07	838	C	WindLd	
A -H	0.21	1153	T		
H -I	0.02	157	C		
I -G	0.16	267	C		
G -B	0.06	422	T		
G -J	0.14	240	C		
F -J	0.02	161	C		
F -K	0.22	1213	T		
E -K	0.09	969	C		

LL Defl -0.04" in G -F L/999
TL Defl -0.10" in G -F L/999
LL Cant 0.00" in E -C L/999
Shear // Grain in I -B 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 - RHS 20 Ga, Gross Area

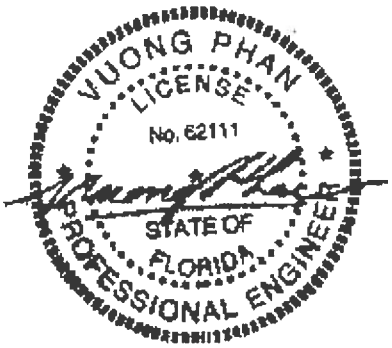
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.78
I	LOCK	3.0x 4.0	Ctr	Ctr	0.61
B	LOCK	4.0x 4.0	Ctr	Ctr	0.71
J	LOCK	3.0x 4.0	Ctr	Ctr	0.61
K	LOCK	3.0x 4.0	Ctr	Ctr	0.62
C	LOCK	3.0x 4.0	Ctr	Ctr	0.87
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.76
G	LOCK	5.0x 7.0	Ctr	-0.5	0.62
F	LOCK	3.0x 4.0	Ctr	Ctr	0.75
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
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: 130 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 1199 Lbs
Quality Control Factor 1.25

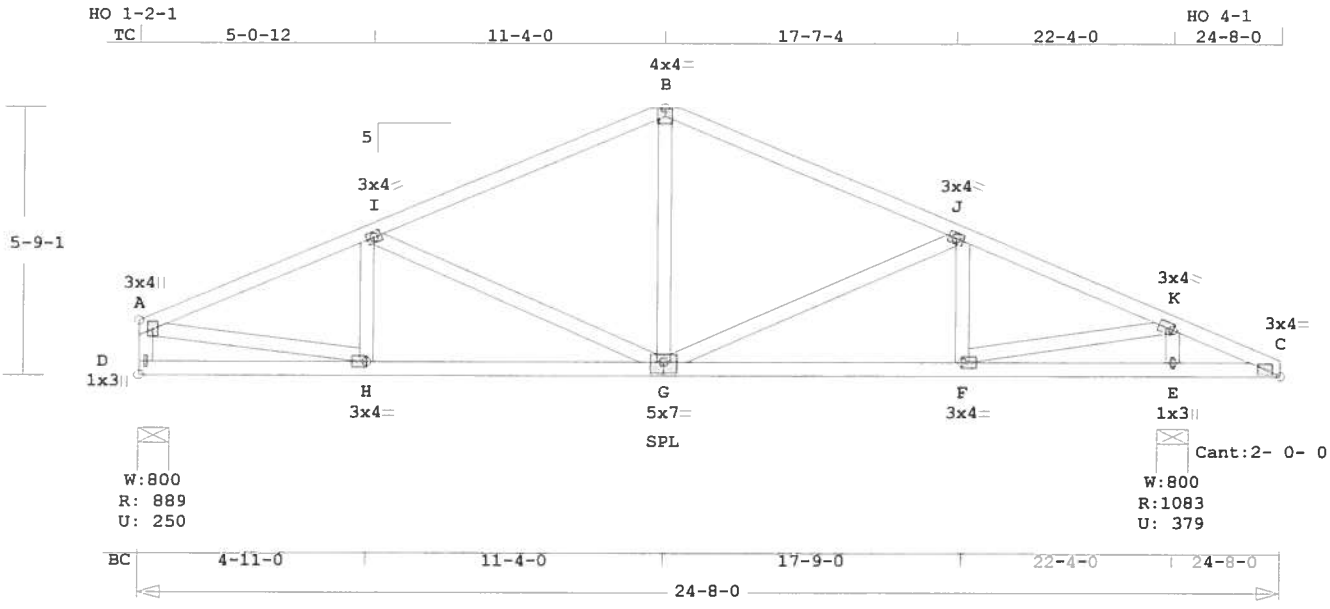
Truss Design Engineer: Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	B3	1	SP	240800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 162.2 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
WB	0.22	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	24- 8- 0
BC	Cont.	0- 0- 0	24- 8- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
D	889	250	8- 0	1- 1
			Hz =	-154
E	1084	380	8- 0	1- 4
			Hz =	130

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.35	1288	C	0.01	0.34
I -B	0.34	981	C	0.00	0.34
B -J	0.30	980	C	0.00	0.30
J -K	0.30	1202	C	0.00	0.30
K -C	0.16	113	T	0.02	0.14
Bottom Chords					
D -H	0.17	138	T	0.00	0.17
H -G	0.35	1203	T	0.20	0.15
G -F	0.34	1116	T	0.11	0.23
F -E	0.15	149	T	0.00	0.15
E -C	0.09	105	T	0.00	0.09
Webs					
D -A	0.07	848	C	WindLd	
A -H	0.22	1225	T		
H -I	0.01	123	T		
I -G	0.20	329	C		
G -B	0.06	438	T		
G -J	0.14	234	C		
F -J	0.02	165	C		
F -K	0.22	1234	T		
E -K	0.09	982	C		

LL Defl -0.04" in G -F L/999
TL Defl -0.10" in G -F L/999
LL Cant 0.00" in E -C L/999
Shear // Grain in I -B 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 - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.85
I	LOCK	3.0x 4.0	Ctr	Ctr	0.61
B	LOCK	4.0x 4.0	Ctr	Ctr	0.72
J	LOCK	3.0x 4.0	Ctr	Ctr	0.61
K	LOCK	3.0x 4.0	Ctr	Ctr	0.63
C	LOCK	3.0x 4.0	Ctr	Ctr	0.87
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.76
G	LOCK	5.0x 7.0	Ctr	-0.5	0.63
F	LOCK	3.0x 4.0	Ctr	Ctr	0.76
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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

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

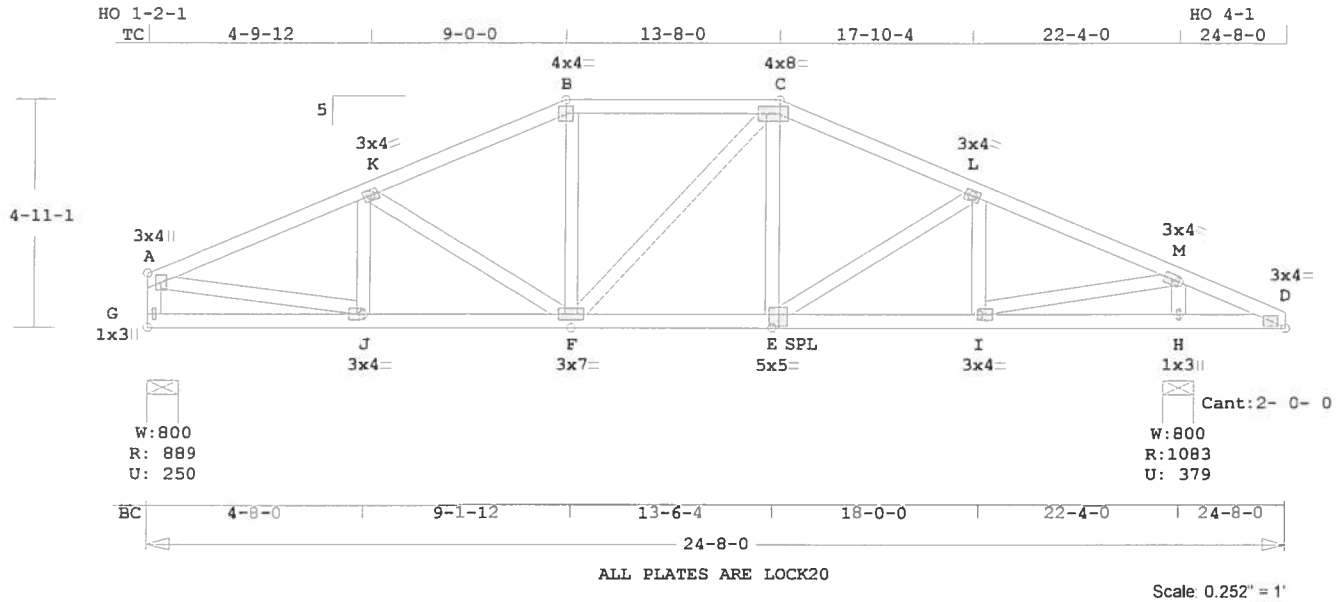
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1288 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	B4	1	HIPP	240800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 171.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.21	2x 4	SP-#2
BC	0.24	2x 4	SP-#2
WB	0.22	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	24- 8- 0
BC	Cont.	0- 0- 0	24- 8- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	889	250	8- 0	1- 1
			Hz =	-130
H	1084	380	8- 0	1- 4
			Hz =	106

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -K	0.21	1256	C	0.01	0.20
K -B	0.19	1112	C	0.00	0.19
B -C	0.18	1023	C	0.00	0.18
C -L	0.14	1093	C	0.00	0.14
L -M	0.17	1161	C	0.01	0.16
M -D	0.18	99	T	0.02	0.16
--------Bottom Chords---------					
G -J	0.11	114	T	0.00	0.11
J -F	0.24	1168	T	0.19	0.05
F -E	0.21	1006	T	0.16	0.05
E -I	0.22	1071	T	0.17	0.05
I -H	0.10	136	T	0.00	0.10
H -D	0.10	99	T	0.00	0.10
----------Webs----------					
G -A	0.07	847	C	WindLd	
A -J	0.22	1192	T		
J -K	0.01	144	C		
K -F	0.05	171	C		
F -B	0.03	224	T		
F -C	0.03	82	T		
E -C	0.03	205	T		
E -L	0.03	90	C		
I -L	0.02	189	C		
I -M	0.21	1174	T		
H -M	0.09	982	C		

LL Defl -0.04" in F -E L/999
TL Defl -0.08" in F -E L/999
LL Cant 0.00" in H -D L/999
Shear // Grain in A -K 0.19

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

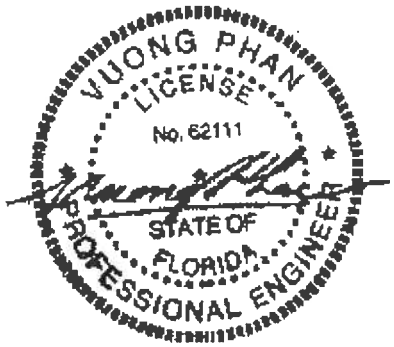
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.83
K	LOCK	3.0x 4.0	Ctr	Ctr	0.61
B	LOCK	4.0x 4.0	Ctr	Ctr	0.94
C	LOCK	4.0x 8.0	Ctr	Ctr	0.94
L	LOCK	3.0x 4.0	Ctr	Ctr	0.61
M	LOCK	3.0x 4.0	Ctr	Ctr	0.61
D	LOCK	3.0x 4.0	Ctr	Ctr	0.87
G	LOCK	1.0x 3.0	Ctr	Ctr	0.81
J	LOCK	3.0x 4.0	Ctr	Ctr	0.76
F	LOCK	3.0x 7.0	Ctr	Ctr	0.51
E	LOCK	5.0x 5.0	Ctr	-0.5	0.63
I	LOCK	3.0x 4.0	Ctr	Ctr	0.76
H	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
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: 130 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 1256 Lbs
Quality Control Factor 1.25

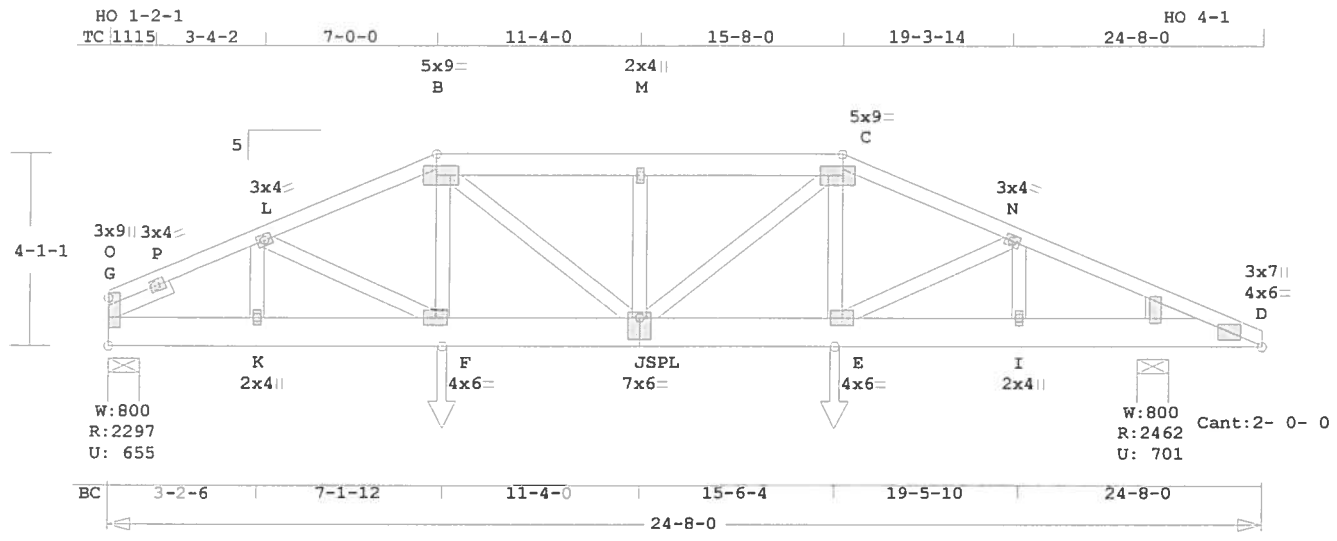
Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	B5	1*2P	HIPP	240800	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



ALL PLATES ARE LOCK20

Scale: 0.255" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 214.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.40	2x 4	SP-#2
EX B	-C	2x 6	SP-#2
BC	0.60	2x 8	SP-#2
WB	0.09	2x 4	SP-#2
SL	0.06	2x 4	SP-#2
WG	---	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	24- 8- 0
BC Cont.		0- 0- 0	24- 8- 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 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25

plf -	Live	Dead	From	To
TC V	40	20	0.0'	24.7'
BC V	0	20	0.0'	24.7'
TC V	50	25	7.0'	15.7'
BC V	0	25	7.0'	15.7'
BC V	480	480	15.5'	CL-LB
BC V	480	480	7.1'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	2298	656	8- 0	1- 6
			Hz =	-79
D	2462	702	8- 0	1- 6
			Hz =	78

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
O -P	0.38	2062 C	0.00	0.38
P -L	0.40	3293 C	0.02	0.38
L -B	0.28	4178 C	0.03	0.25
B -M	0.16	4571 C	0.01	0.15
M -C	0.16	4571 C	0.01	0.15
C -N	0.28	4176 C	0.03	0.25
N -D	0.37	3245 C	0.02	0.35
--------Bottom Chords---------				
O -K	0.58	2945 T	0.16	0.42
K -F	0.34	2945 T	0.16	0.18
F -J	0.26	3880 T	0.21	0.05
J -E	0.26	3872 T	0.21	0.05
E -I	0.35	2933 T	0.16	0.19
I -D	0.60	2933 T	0.16	0.44
------------Webs------------				
K -L	0.03	679 C		
L -F	0.09	1075 T		
F -B	0.05	769 T		
B -J	0.08	889 T		
J -M	0.03	790 C		
J -C	0.08	899 T		
E -C	0.05	778 T		
E -N	0.09	1079 T		
I -N	0.03	808 C		
----------Sliders-----------				
O -P	0.06	1430 C		

LL Defl -0.07" in F -J L/999
TL Defl -0.14" in F -J L/999
Shear // Grain in I -D 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
O	LOCK	3.0x 9.0	1.5	0.3	0.89
P	LOCK	3.0x 4.0	Ctr	Ctr	0.50
L	LOCK	3.0x 4.0	Ctr	Ctr	0.61
B	LOCK	5.0x 9.0-0.5	Ctr	Ctr	0.95
M	LOCK	2.0x 4.0	Ctr	Ctr	0.38
C	LOCK	5.0x 9.0	0.5	Ctr	0.95
N	LOCK	3.0x 4.0	Ctr	Ctr	0.61
D	LOCK	4.0x 6.0	Ctr	Ctr	0.74
D	LOCK	3.0x 7.0	Ctr	Ctr	0.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.38
F	LOCK	4.0x 6.0	Ctr	Ctr	0.38
J	LOCK	7.0x 6.0	Ctr	-2.0	0.59
E	LOCK	4.0x 6.0	Ctr	Ctr	0.38
I	LOCK	2.0x 4.0	Ctr	Ctr	0.38

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

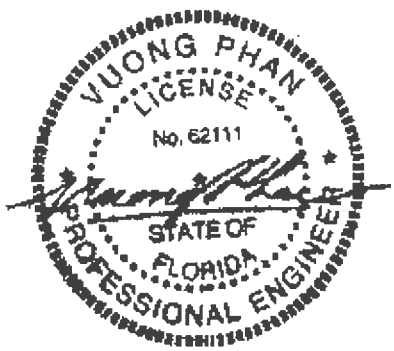
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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 as each layer is applied.)

	Rows	----Spacing (In)---- Nails	Screws	Bolts
TC	1	12	24	0
BC	2	12	24	0
WB	1	4	4	

Plus clusters of nails where shown.
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: 130 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 4571 Lbs
Quality Control Factor 1.25

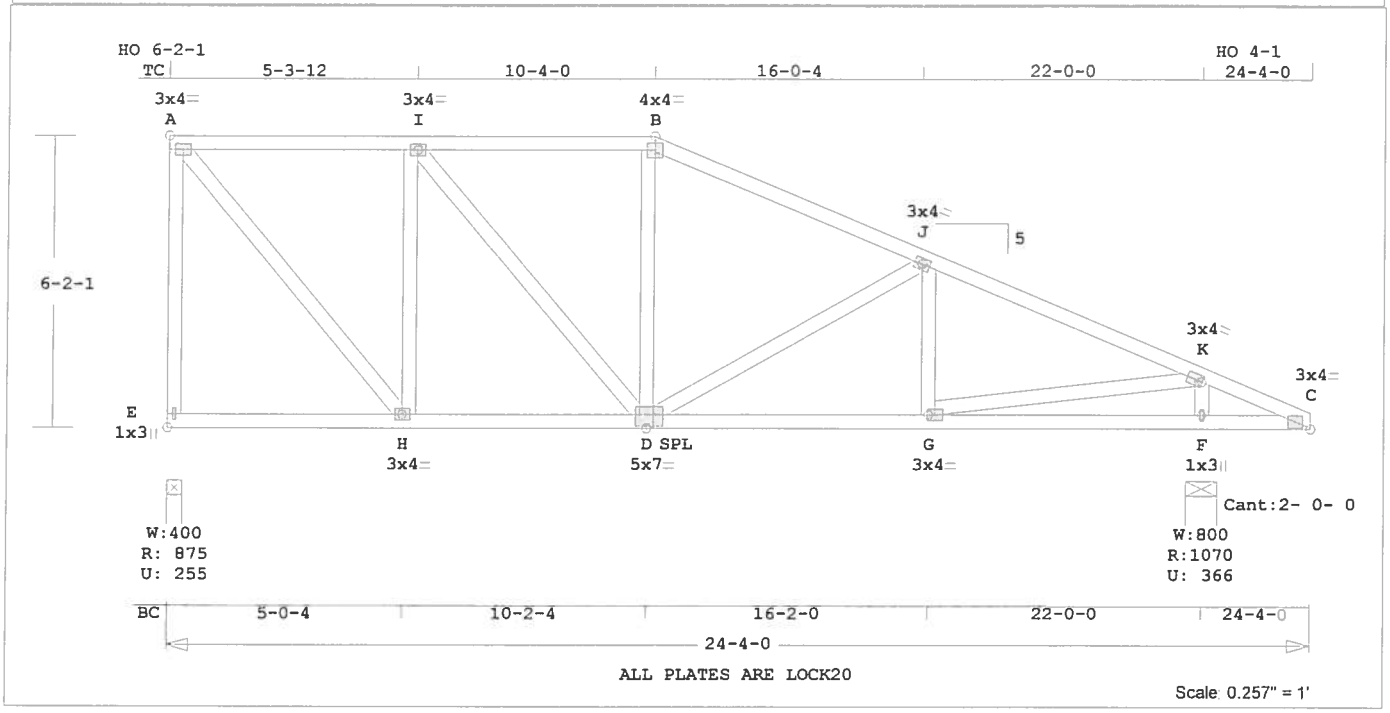
Truss Design Engineer Vuong Phan
License # 62111
Address P O Box 280055, Tampa, FL 33682



Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	B6	1	HHIP	240400	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 184.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.29	2x 4	SP-#2
WB	0.36	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	24- 4- 0
BC	Cont.	0- 0- 0	24- 4- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
E	876	255	4- 0	1- 1
			Hz =	-290
F	1071	367	8- 0	1- 3
			Hz =	119

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.29	601 C	0.00		0.29
I -B	0.29	811 C	0.00		0.29
B -J	0.33	886 C	0.00		0.33
J -K	0.33	1197 C	0.00		0.33
K -C	0.26	79 C	0.01		0.25
Bottom Chords					
E -H	0.15	228 T	0.00		0.15
H -D	0.21	601 T	0.06		0.15
D -G	0.29	1107 T	0.11		0.18
G -F	0.18	175 T	0.00		0.18
F -C	0.16	77 T	0.00		0.16
Webs					
E -A	0.36	831 C	WindLd		
A -H	0.19	925 T			
H -I	0.25	595 C			
I -D	0.06	323 T			
D -B	0.02	151 T			
D -J	0.19	341 C			
G -J	0.01	118 T			
G -K	0.20	1134 T			
F -K	0.09	959 C			

LL Defl -0.03" in D -G L/999
TL Defl -0.08" in D -G L/999
LL Cant 0.00" in F -C L/999
Shear // Grain in A -I 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 - RHS 20 Ga, Gross Area

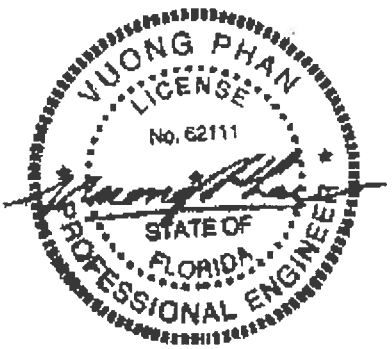
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.75
I	LOCK	3.0x 4.0	Ctr	Ctr	0.56
B	LOCK	4.0x 4.0	Ctr	Ctr	0.93
J	LOCK	3.0x 4.0	Ctr	Ctr	0.61
K	LOCK	3.0x 4.0	Ctr	Ctr	0.61
C	LOCK	3.0x 4.0	Ctr	Ctr	0.87
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.60
D	LOCK	5.0x 7.0-1.0-0.5			0.62
G	LOCK	3.0x 4.0	Ctr	Ctr	0.75
F	LOCK	1.0x 3.0	Ctr	Ctr	0.82

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
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: 130 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 1197 Lbs
Quality Control Factor 1.25

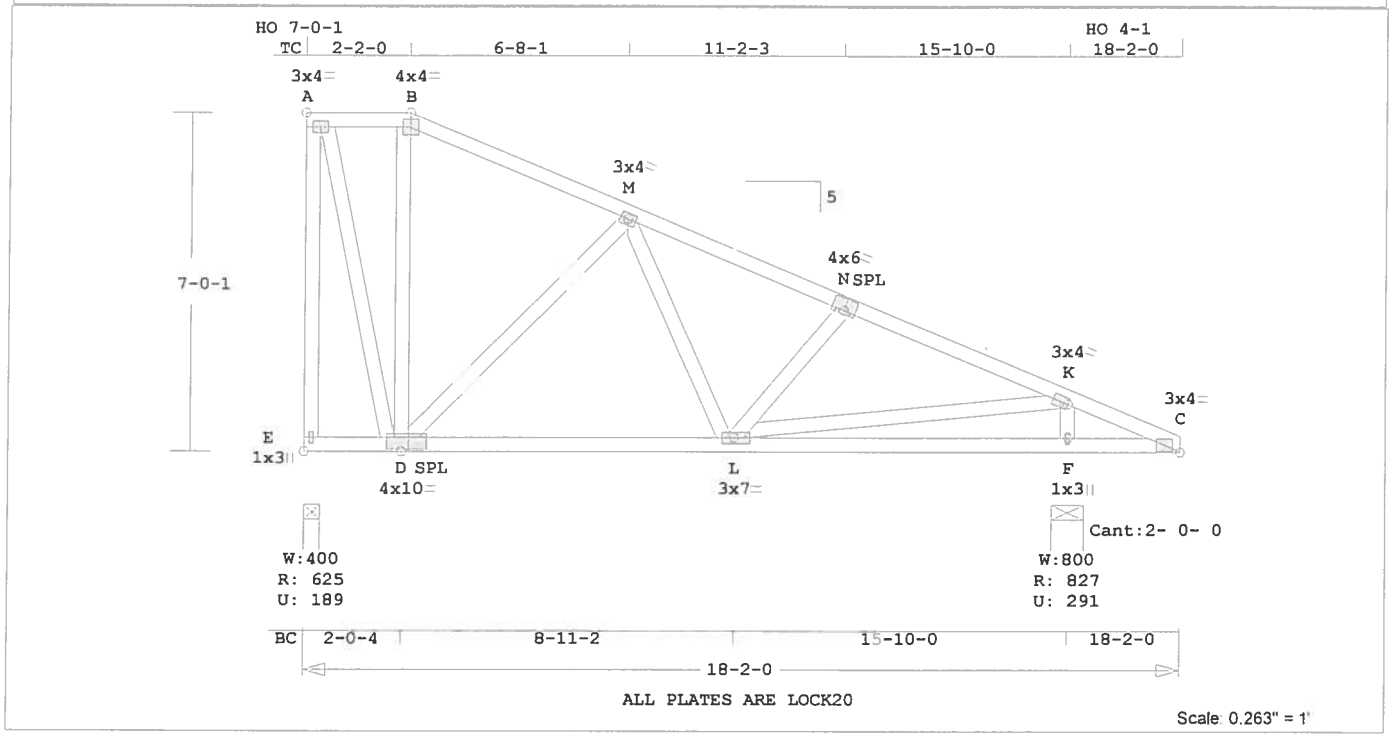
Truss Design Engineer: Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	B7	1	HHIP	180200	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 150.4 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.22	2x 4	SP-#2
BC	0.32	2x 4	SP-#2
WB	0.35	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	18- 2- 0
BC	Cont.	0- 0- 0	18- 2- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
E	625	190	4- 0	1- 0
			Hz =	-332
F	828	292	8- 0	1- 0
			Hz =	126

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.05	163	C	0.00	0.05
B -M	0.22	186	C	0.00	0.22
M -N	0.22	638	C	0.00	0.22
N -K	0.18	827	C	0.00	0.18
K -C	0.19	111	C	0.01	0.18
Bottom Chords					
E -D	0.16	262	T	0.00	0.16
D -L	0.32	497	T	0.05	0.27
L -F	0.27	176	T	0.00	0.27
F -C	0.22	111	T	0.00	0.22
Webs					
E -A	0.35	628	C	WindLd	
A -D	0.11	606	T		
D -B	0.07	132	C		
D -M	0.26	480	C		
M -L	0.04	304	T		
L -N	0.05	257	C		
L -K	0.14	800	T		
F -K	0.06	690	C		

LL Defl -0.04" in L -F L/999
TL Defl -0.08" in L -F L/999
LL Cant 0.00" in F -C L/999
Shear // Grain in B -M 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

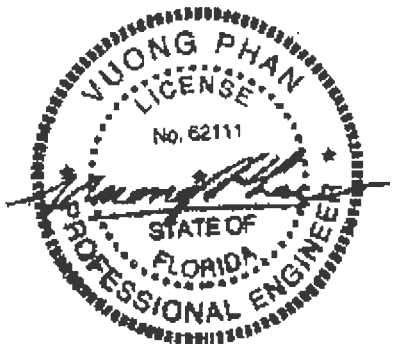
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.66
B	LOCK	4.0x 4.0	Ctr	Ctr	0.82
M	LOCK	3.0x 4.0	Ctr	Ctr	0.48
N	LOCK	4.0x 6.0	0.4	1.0	0.54
K	LOCK	3.0x 4.0	Ctr	Ctr	0.53
C	LOCK	3.0x 4.0	Ctr	Ctr	0.76
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81
D	LOCK	4.0x10.0	-0.5	-1.0	0.71
L	LOCK	3.0x 7.0	0.5	Ctr	0.89
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
Provide connection to bearing for 333 Lbs Horiz Reaction
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: 130 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 827 Lbs
Quality Control Factor 1.25

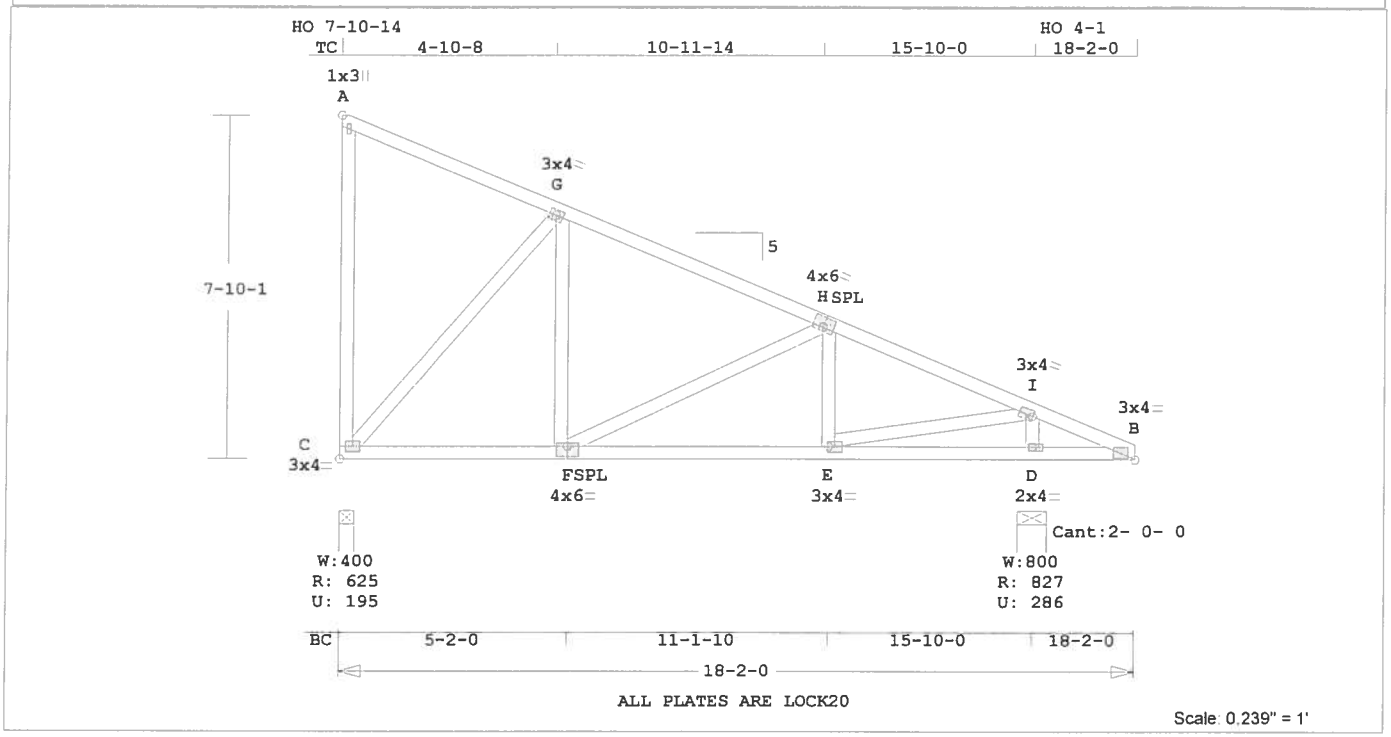
Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	B8	1	MONO	180200	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 135.8 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.26	2x 4	SP-#2
WB	0.41	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	18- 2- 0
BC	Cont.	0- 0- 0	18- 2- 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 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
C	625	195	4- 0	1- 0
			Hz =	-375
D	828	286	8- 0	1- 0
			Hz =	142

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -G	0.34	110	C	0.00	0.34
G -H	0.34	447	C	0.00	0.34
H -I	0.27	762	C	0.00	0.27
I -B	0.17	115	T	0.02	0.15
Bottom Chords					
C -F	0.23	415	T	0.04	0.19
F -E	0.26	708	T	0.07	0.19
E -D	0.15	170	T	0.00	0.15
D -B	0.09	103	T	0.00	0.09
Webs					
C -A	0.22	116	C	WindLd	
C -G	0.41	627	C		
F -G	0.05	356	T		
F -H	0.18	325	C		
E -H	0.01	103	T		
E -I	0.15	815	T		
D -I	0.06	733	C		

LL Defl -0.03" in F -E L/999
TL Defl -0.06" in F -E L/999
LL Cant 0.00" in D -B L/999
Shear // Grain in A -G 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

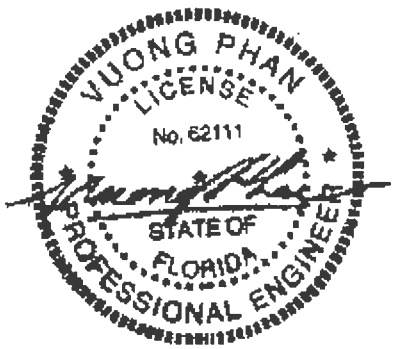
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	1.0x 3.0	Ctr	Ctr	0.75
G	LOCK	3.0x 4.0	Ctr	Ctr	0.53
H	LOCK	4.0x 6.0	0.4	1.0	0.54
I	LOCK	3.0x 4.0	Ctr	Ctr	0.53
B	LOCK	3.0x 4.0	Ctr	Ctr	0.76
C	LOCK	3.0x 4.0	Ctr	Ctr	0.66
F	LOCK	4.0x 6.0	Ctr	-1.0	0.55
E	LOCK	3.0x 4.0	Ctr	Ctr	0.66
D	LOCK	2.0x 4.0	Ctr	Ctr	0.35

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
Provide connection to bearing for 375 Lbs Horiz Reaction
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: 130 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

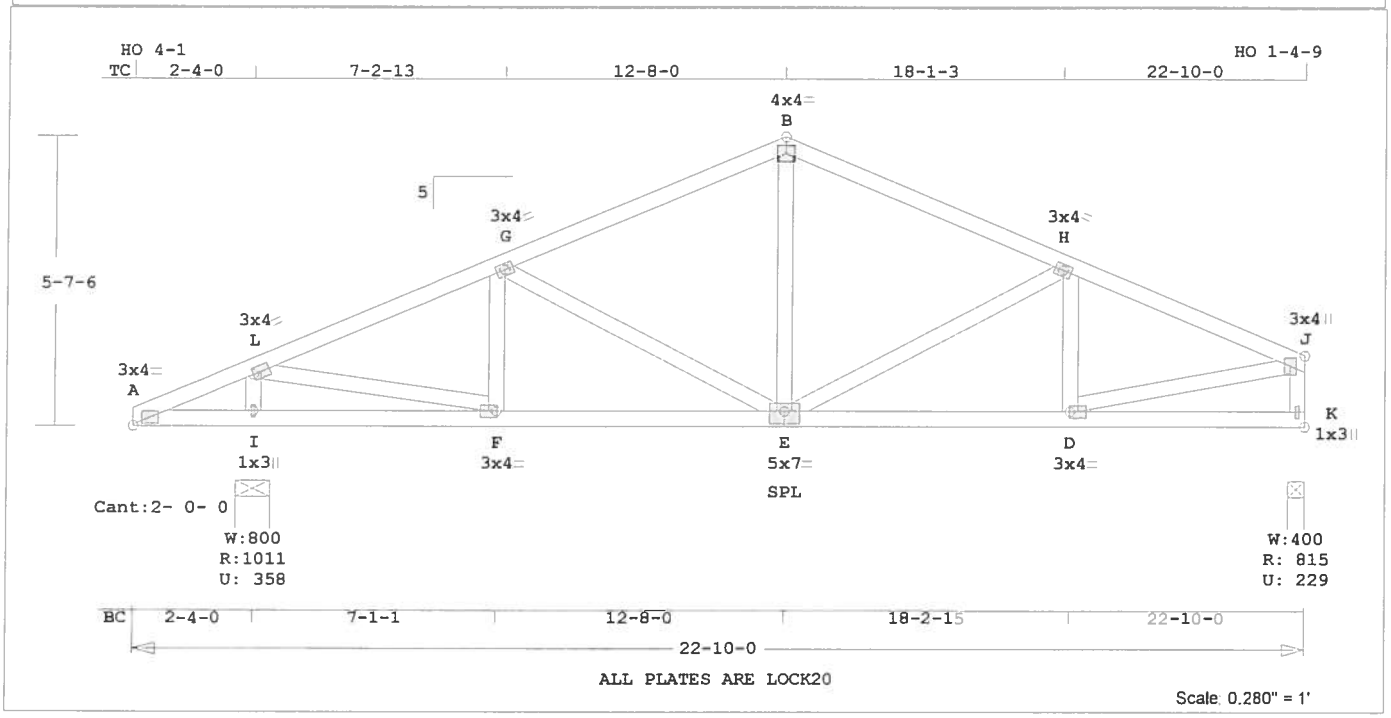
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	C1	1	TR	221000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 152.4 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.27	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	22-10- 0
BC	Cont.	0- 0- 0	22-10- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
I	1011	359	8- 0	1- 2
			Hz =	-135
K	815	229	4- 0	1- 0
			Hz =	136

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -L	0.18	97 T	0.01	0.17
L -G	0.25	1071 C	0.00	0.25
G -B	0.25	860 C	0.00	0.25
B -H	0.27	861 C	0.00	0.27
H -J	0.27	1062 C	0.00	0.27
--------Bottom Chords---------				
A -I	0.11	99 T	0.00	0.11
I -F	0.12	164 T	0.00	0.12
F -E	0.27	992 T	0.10	0.17
E -D	0.27	992 T	0.10	0.17
D -K	0.14	124 T	0.00	0.14
----------Webs----------				
I -L	0.08	908 C		
L -F	0.20	1087 T		
F -G	0.01	132 C		
G -E	0.11	228 C		
E -B	0.06	386 T		
E -H	0.11	227 C		
D -H	0.02	149 C		
D -J	0.18	1024 T		
K -J	0.07	775 C	WindLd	

LL Defl -0.03" in F -E L/999
TL Defl -0.07" in F -E L/999
LL Cant 0.00" in A -I L/999
Shear // Grain in G -B 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

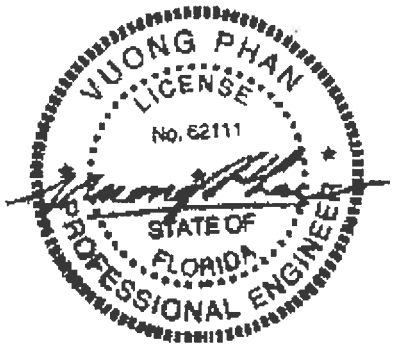
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.84
L	LOCK	3.0x 4.0	Ctr	Ctr	0.59
G	LOCK	3.0x 4.0	Ctr	Ctr	0.59
B	LOCK	4.0x 4.0	Ctr	Ctr	0.69
H	LOCK	3.0x 4.0	Ctr	Ctr	0.59
J	LOCK	3.0x 4.0	Ctr	Ctr	0.72
I	LOCK	1.0x 3.0	Ctr	Ctr	0.81
F	LOCK	3.0x 4.0	Ctr	Ctr	0.73
E	LOCK	5.0x 7.0	Ctr	-0.5	0.60
D	LOCK	3.0x 4.0	Ctr	Ctr	0.74
K	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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
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: 130 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 1071 Lbs
Quality Control Factor 1.25

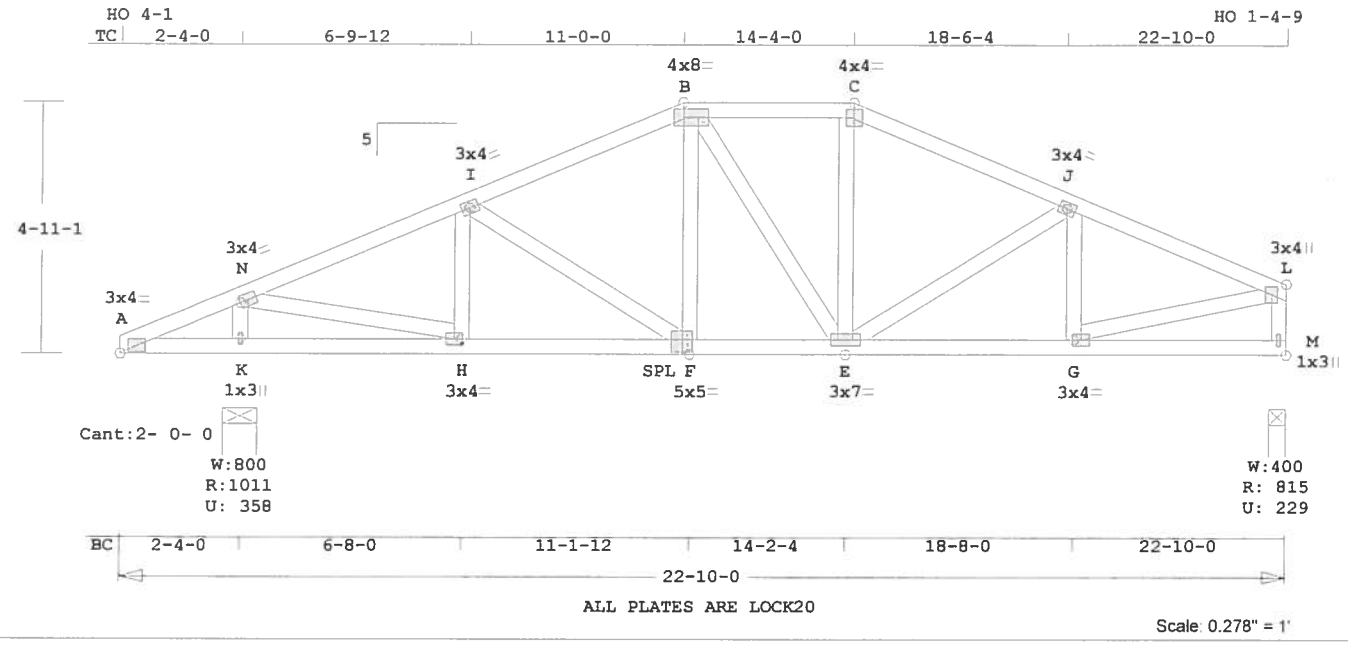
Truss Design Engineer: Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	C2	1	HIPP	221000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 162.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.18	2x 4	SP-#2
BC	0.21	2x 4	SP-#2
WB	0.19	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22-10- 0
BC Cont.	0- 0- 0	22-10- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
K	1011	359	8- 0	1- 2
			Hz =	-118
M	815	229	4- 0	1- 0
			Hz =	120

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -N	0.18	105 T	0.02	0.16
N -I	0.16	1044 C	0.00	0.16
I -B	0.16	941 C	0.00	0.16
B -C	0.06	863 C	0.00	0.06
C -J	0.18	940 C	0.00	0.18
J -L	0.18	1034 C	0.00	0.18
Bottom Chords				
A -K	0.10	101 T	0.00	0.10
K -H	0.10	147 T	0.00	0.10
H -F	0.21	963 T	0.16	0.05
F -E	0.18	863 T	0.14	0.04
E -G	0.21	964 T	0.16	0.05
G -M	0.10	108 T	0.00	0.10
Webs				
K -N	0.08	912 C		
N -H	0.19	1070 T		
H -I	0.02	162 C		
I -F	0.03	115 C		
F -B	0.02	190 T		
B -E	0.02	73 C		
E -C	0.02	188 T		
E -J	0.04	119 C		
G -J	0.02	180 C		
G -L	0.18	1001 T		
M -L	0.07	778 C	WindLd	

LL Defl -0.03" in H -F L/999
TL Defl -0.06" in H -F L/999
LL Cant 0.00" in A -K L/999
Shear // Grain in J -L 0.17

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	0.84
N	LOCK	3.0x 4.0	Ctr	Ctr	0.59
I	LOCK	3.0x 4.0	Ctr	Ctr	0.59
B	LOCK	4.0x 8.0	Ctr	Ctr	0.91
C	LOCK	4.0x 4.0	Ctr	Ctr	0.91
J	LOCK	3.0x 4.0	Ctr	Ctr	0.59
L	LOCK	3.0x 4.0	Ctr	Ctr	0.72
K	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.73
F	LOCK	5.0x 5.0	Ctr	-0.5	0.60
E	LOCK	3.0x 7.0	Ctr	Ctr	0.50
G	LOCK	3.0x 4.0	Ctr	Ctr	0.74
M	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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

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

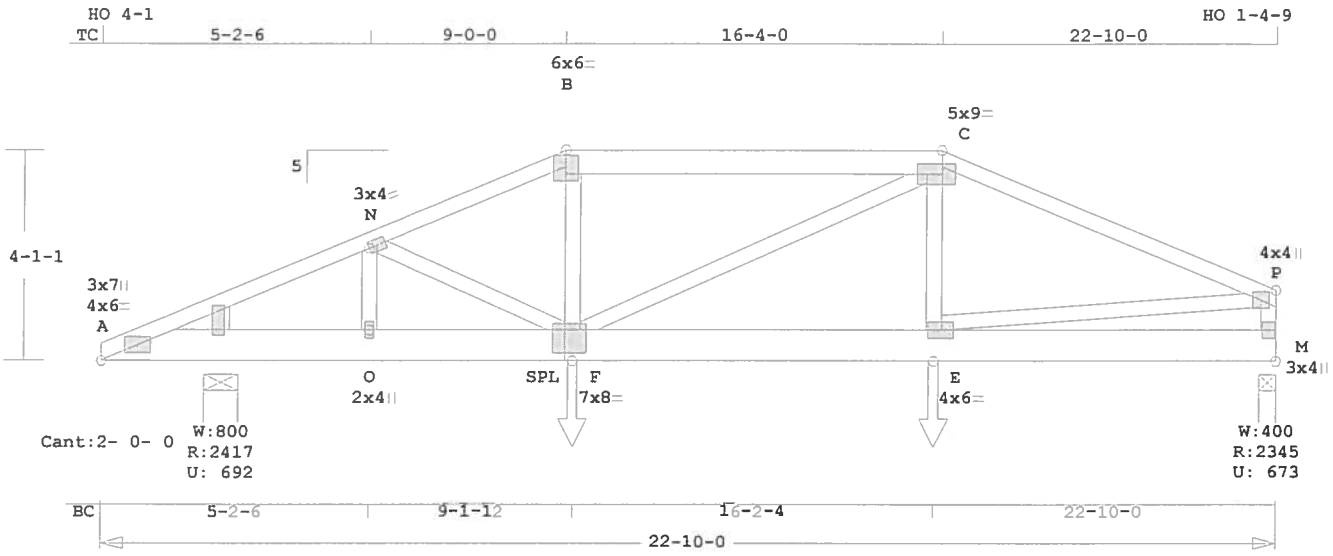
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1044 Lbs
Quality Control Factor 1.25

Truss Design Engineer Vuong Phan
License # 62111
Address P.O. Box 280055, Tampa, FL 33682

Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	C3	1*2P	HIPP	221000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 191.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.43	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.57	2x 8	SP-#2
WB	0.34	2x 4	SP-#2
WG	---	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	22-10- 0
BC Cont.		0- 0- 0	22-10- 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'	22.8'
BC V	0	20	0.0'	22.8'
TC V	70	35	9.0'	16.3'
BC V	0	35	9.1'	16.2'
BC V	480	480	9.1'	CL-LB
BC V	480	480	16.2'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	2417	693	8- 0	1- 6
			Hz =	-94
M	2345	674	4- 0	1- 6
			Hz =	95

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -N	0.36	3138 C	0.01 0.35
N -B	0.43	4236 C	0.01 0.40
B -C	0.58	3965 C	0.01 0.57
C -P	0.41	3975 C	0.03 0.38
--------Bottom Chords---------			
A -O	0.57	2829 T	0.16 0.41
O -F	0.36	2829 T	0.16 0.20
F -E	0.32	3671 T	0.20 0.12
E -M	0.09	84 T	0.00 0.09
------------Webs------------			
O -N	0.04	909 C	
N -F	0.11	1278 T	
F -B	0.07	892 T	
F -C	0.03	325 T	
E -C	0.05	760 T	
E -P	0.34	3732 T	
M -P	0.10	2231 C	WindLd

LL Defl -0.07" in F -E L/999
TL Defl -0.15" in F -E L/999
Shear // Grain in A -O 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	Ctr	0.74
A	LOCK	3.0x 7.0	Ctr	Ctr	0.00
N	LOCK	3.0x 4.0	Ctr	Ctr	0.59
B	LOCK	6.0x 6.0	Ctr	-0.5	0.52
C	LOCK	5.0x 9.0	0.5	Ctr	0.91
P	LOCK	4.0x 4.0	Ctr	Ctr	0.96
O	LOCK	2.0x 4.0	Ctr	Ctr	0.38
F	LOCK	7.0x 8.0	1.0	-2.0	0.58
E	LOCK	4.0x 6.0	Ctr	Ctr	0.60
M	LOCK	3.0x 4.0	Ctr	Ctr	0.80

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

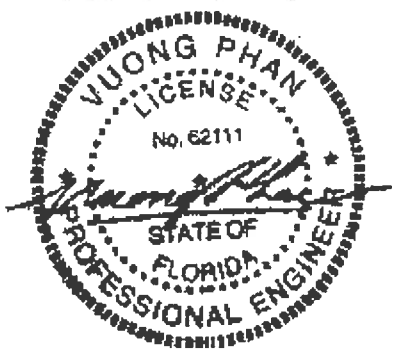
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 9- 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	4	4	

Plus clusters of nails where shown.
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: 130 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 4236 Lbs
Quality Control Factor 1.25

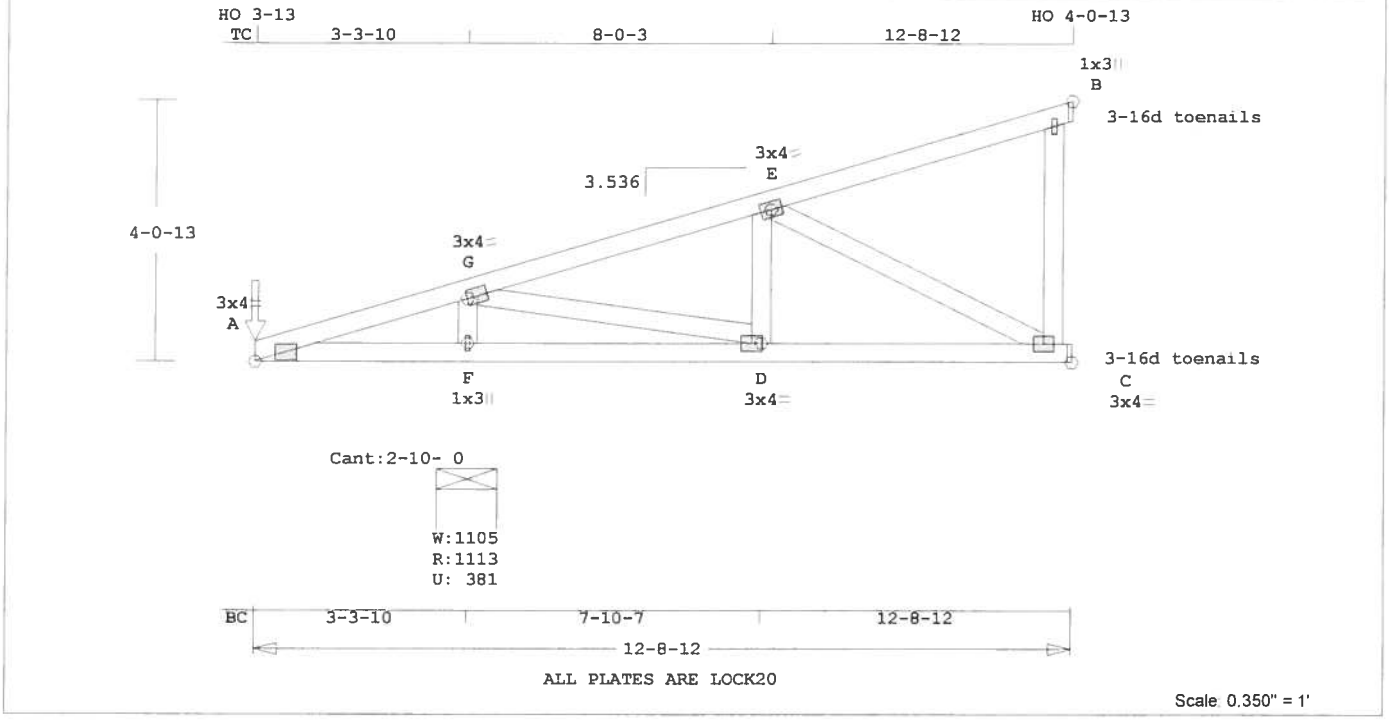
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	CJ1	11	MONO	120812	3.536	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 78.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.33	2x 4	SP-#2
WB	0.29	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	12- 8-12
BC Cont.		0- 0- 0	12- 8-12

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'	12.7'
BC V	0	20	0.0'	12.7'
TC V	-40	-20	0.0'	
	73	37		12.7'
BC V	0	-20	0.0'	
	0	37		12.7'
TC V	180	180	0.0'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
F	1114	381	11- 5	1- 4
			Hz =	175
B	307	177	3- 8	1- 0
			Hz =	280
C	352	41	3- 8	1- 0

Membr CSI P Lbs Axl-CSI-Bnd

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

A -G	0.43	1177	T	0.21	0.22
G -E	0.47	473	C	0.00	0.47
E -B	0.52	180	T	0.00	0.52

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

A -F	0.17	1116	C	0.01	0.16
F -D	0.25	1116	C	0.00	0.25
D -C	0.33	468	T	0.04	0.29

------------Webs-------------

F -G	0.09	1013	C
G -D	0.29	1621	T
D -E	0.02	204	T
E -C	0.16	525	C
C -B	0.05	0	T WindLd

LL Defl -0.03" in D -C L/999
TL Defl -0.07" in D -C L/999
LL Cant -0.03" in A -F L/999
Shear // Grain in E -B 0.42

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	0.72
G	LOCK	3.0x 4.0	Ctr	Ctr	0.84
E	LOCK	3.0x 4.0	Ctr	Ctr	0.45
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
F	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	3.0x 4.0	Ctr	Ctr	0.97
C	LOCK	3.0x 4.0	Ctr	Ctr	0.58

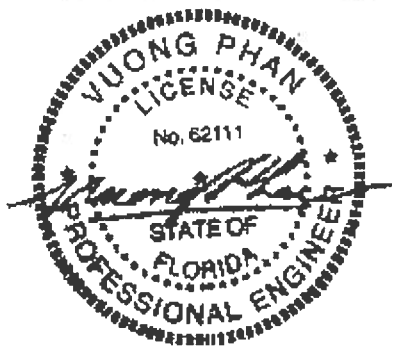
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 9- 0- 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: 130 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 1116 Lbs
Quality Control Factor 1.25

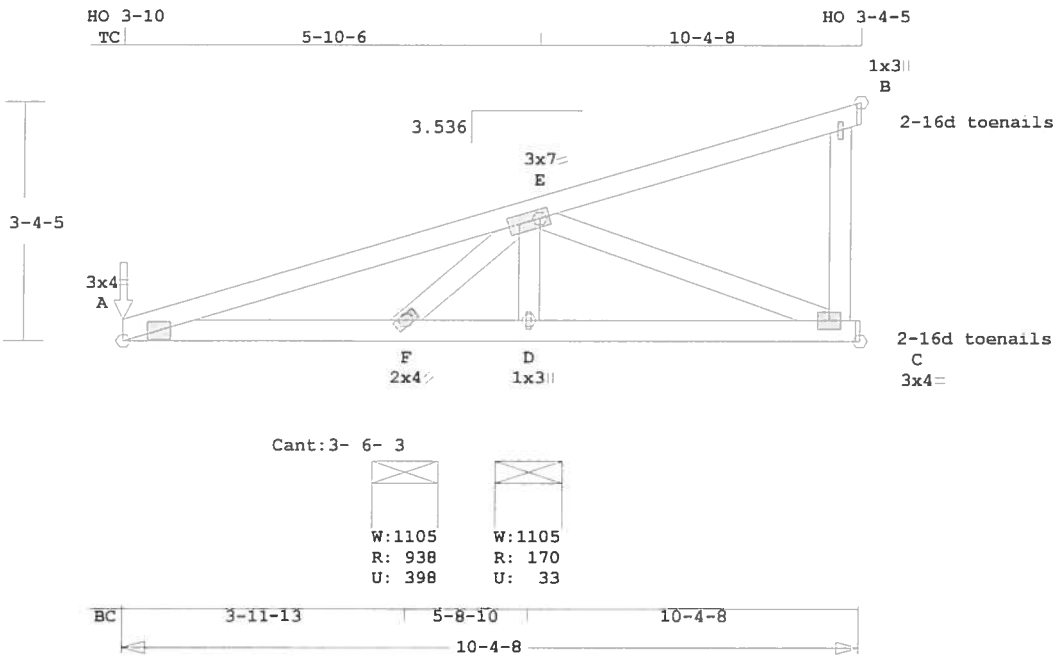
Truss Design Engineer Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	CJ2	1	MONO	100408	3.536	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 0.387" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 60.4 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.64	2x 4	SP-#2
BC	0.20	2x 4	SP-#2
WB	0.14	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	10- 4- 8
BC Cont.		0- 0- 0	10- 4- 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=1.00 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'	10.4'
BC V	0	20	0.0'	10.4'
TC V	-40	-20	0.0'	
	50	25		10.4'
BC V	0	-20	0.0'	
	0	25		10.4'
TC V	183	183	0.0'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
F	938	399	11- 5	1- 1
			Hz =	107
D	170	34	11- 5	1- 0
B	220	126	3- 8	1- 0
			Hz =	200
C	72	60G	3- 8	1- 0

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -E	0.64	1374 T	0.25 0.39
E -B	0.39	123 T	0.00 0.39
Bottom Chords			
A -F	0.17	1302 C	0.01 0.16
F -D	0.17	373 C	0.00 0.17
D -C	0.20	373 C	0.00 0.20
Webs			
F -E	0.14	1267 C	
D -E	0.02	134 T	
E -C	0.07	400 T	
C -B	0.03	0 T	WindLd

LL Defl -0.02" in D -C L/999
TL Defl -0.04" in D -C L/999
LL Cant -0.03" in A -F L/999
Shear // Grain in E -B 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 - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.68
E	LOCK	3.0x 7.0	Ctr	Ctr	0.50
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
F	LOCK	2.0x 4.0	Ctr	Ctr	0.55
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75
C	LOCK	3.0x 4.0	Ctr	Ctr	0.54

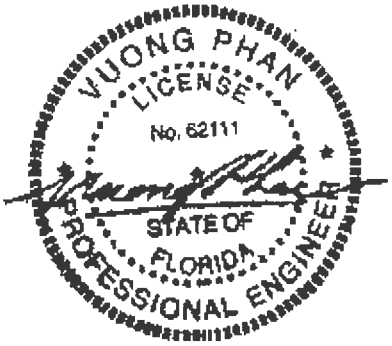
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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- 3- 8
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 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 1302 Lbs
Quality Control Factor 1.25

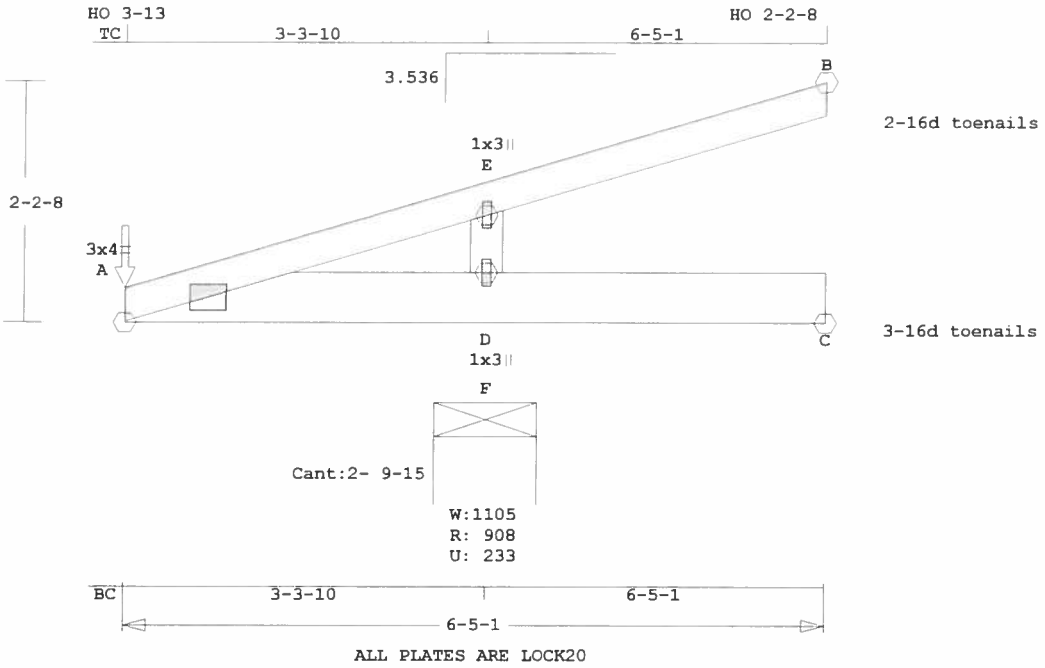
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	CJ3	2	JCA2	60501	3.536	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 0.594" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.1 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.79	2x 6	SP-#2
WB	0.03	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	6- 5- 1
BC Cont.	0- 0- 0	6- 5- 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=1.00 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 40	20	0.0'	6.4'
BC V 0	20	0.0'	6.4'
TC V 90	90	0.0'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
D	909	233	11- 5	1- 1
		Hz =		77
B	14	38G	3- 8	1- 0
C	73	229G	3- 8	1- 0
		Hz =		52

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -E	0.52	61 C	0.00 0.52
E -B	0.52	24 C	0.00 0.52
Bottom Chords			
A -D	0.79	76 T	0.00 0.79
D -C	0.79	52 T	0.00 0.79
Webs			
D -E	0.03	327 C	WindLd

LL Defl 0.01" in D -C L/999
TL Defl 0.02" in D -C L/999
LL Cant -0.07" in A -D L/473
Shear // Grain in A -D 0.24

Hz Disp	LL	DL	TL
Jt B	0.04"	0.04"	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	0.87
E	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75

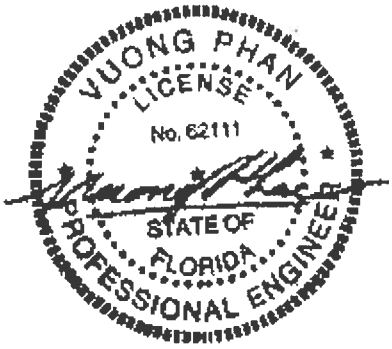
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 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 327 Lbs
Quality Control Factor 1.25

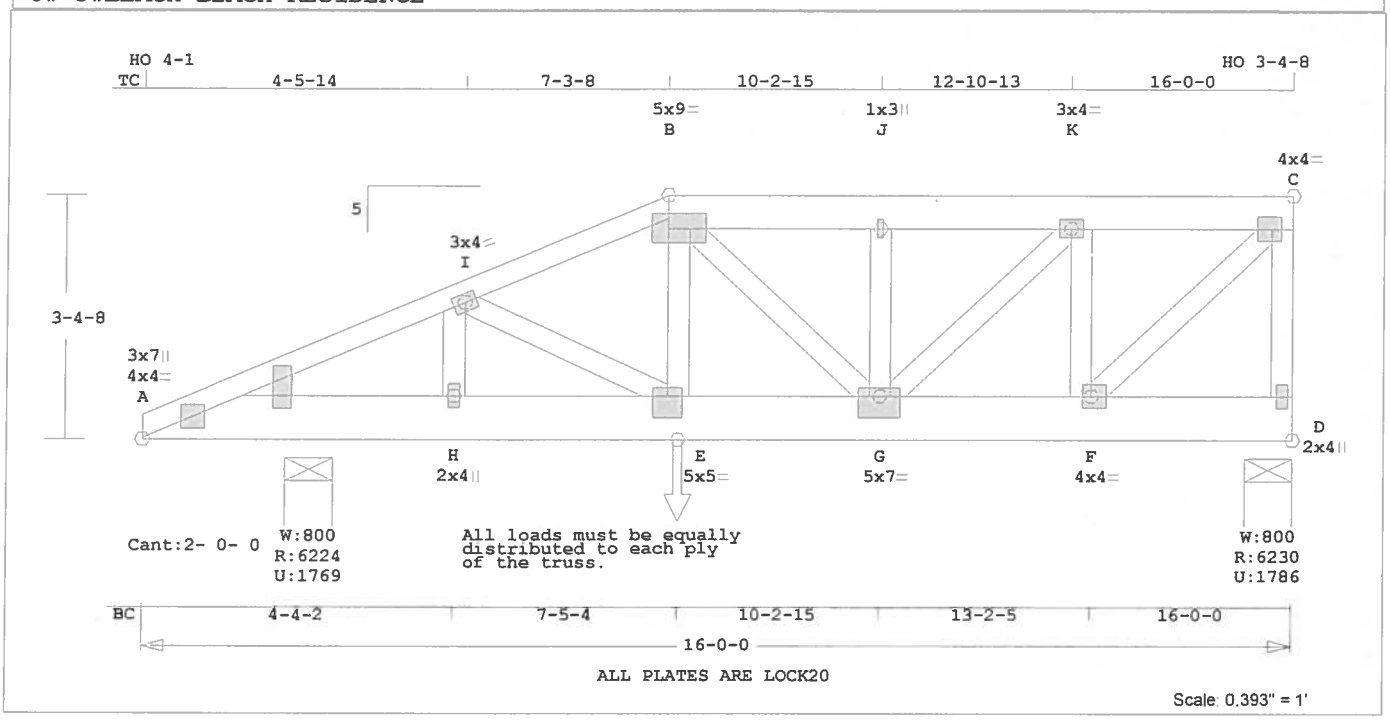
Truss Design Engineer Vuong Phan
License # 62111
Address P O Box 280055, Tampa, FL 33682



Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	D1	1*3P	HHIP	160000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 146.7 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05
****
* 3-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.69	2x 8	SP-#1
WB	0.43	2x 4	SP-#2
WG	---	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

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'	16.0'
BC V	0	20	0.0'	16.0'
BC V	350	350	2.0'	16.0'
TC V	54	27	7.3'	15.0'
TC V	-40	-20	15.0'	16.0'
BC V	0	27	7.4'	15.0'
BC V	0	-20	15.0'	16.0'
BC V	317	317	7.4'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	6224	1769	8- 0	2- 5
			Hz =	-89
D	6230	1786	8- 0	2- 7
			Hz =	177

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -I	0.49	6861 C	0.03	0.46
I -B	0.34	7775 C	0.04	0.30
B -J	0.16	7633 C	0.01	0.15
J -K	0.08	7633 C	0.07	0.01
K -C	0.09	4963 C	0.09	0.00
Bottom Chords				
A -H	0.69	6142 T	0.16	0.53
H -E	0.39	6142 T	0.16	0.23
E -G	0.29	7213 T	0.19	0.10
G -F	0.20	4963 T	0.13	0.07
F -D	0.09	125 T	0.00	0.09
Webs				
H -I	0.01	386 C		
I -E	0.08	1318 T		
E -B	0.13	2235 T		
B -G	0.03	580 T		
G -J	0.02	717 C		
G -K	0.23	3802 T		
F -K	0.09	2968 C		
F -C	0.43	7069 T		
D -C	0.16	5163 C	WindLd	

LL Defl -0.05" in H -E L/999
TL Defl -0.11" in H -E L/999
Shear // Grain in A -H 0.60

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 4.0	Ctr	Ctr	0.84
A	LOCK	3.0x 7.0	Ctr	Ctr	0.00
I	LOCK	3.0x 4.0	Ctr	Ctr	0.51
B	LOCK	5.0x 9.0	Ctr	Ctr	0.87
J	LOCK	1.0x 3.0	Ctr	Ctr	0.75
K	LOCK	3.0x 4.0	Ctr	Ctr	0.79
C	LOCK	4.0x 4.0	-0.5	Ctr	0.88
H	LOCK	2.0x 4.0	Ctr	Ctr	0.38
E	LOCK	5.0x 5.0	Ctr	-1.1	0.51
G	LOCK	5.0x 7.0	Ctr	-1.1	0.98
F	LOCK	4.0x 4.0	0.5	Ctr	0.88
D	LOCK	2.0x 4.0	Ctr	Ctr	0.69

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 Half Hip
Framing King Jacks
Jack Open Faced
Setback 7- 5- 0
3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS4.5 screws -OR- 16d nails as each layer is applied.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	1	12	24	0
BC	2	9	17	0
WB	1	4	4	

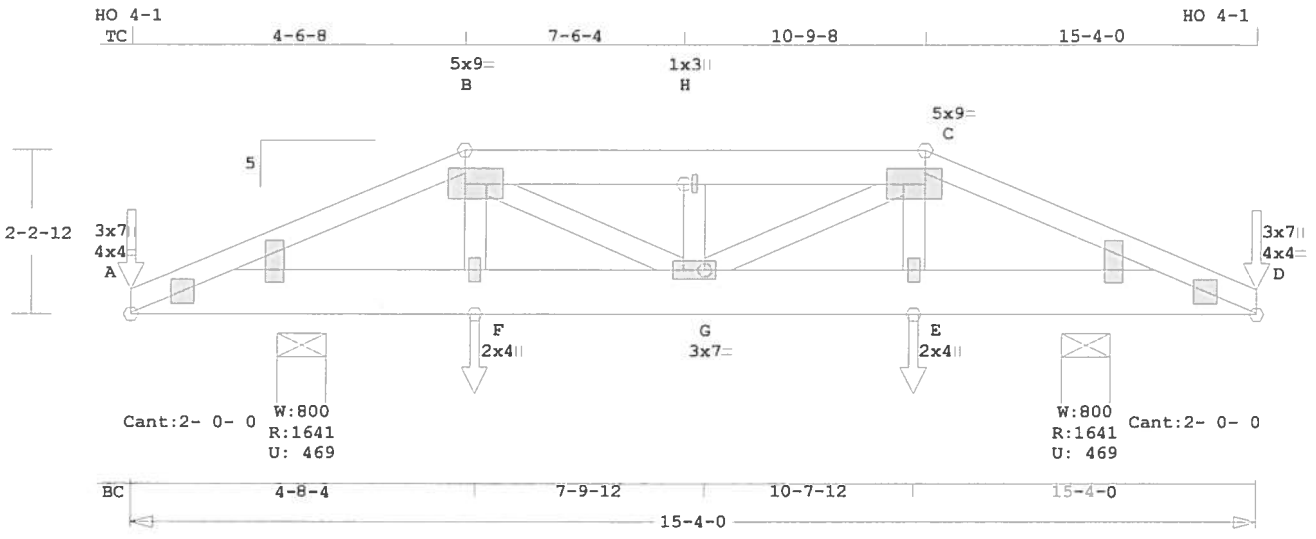
No bolts in 2x4s or smaller.
Plus clusters of nails where shown.
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 15-0
Exposure 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 7775 Lbs
Quality Control Factor 1.25

Truss Design Engineer Vuong Phan
License #: 62111
Address P.O. Box 280055, Tampa, FL 33682

Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	E1	1	HIPP	150400	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



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

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.39	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.60	2x 8	SP-#1
WB	0.19	2x 4	SP-#2
WG	---	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	15- 4- 0
BC Cont.	0- 0- 0	15- 4- 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'	15.3'
BC V	0	20	0.0'	15.3'
BC V	50	50	2.0'	13.3'
TC V	25	13	4.5'	10.8'
BC V	0	13	4.7'	10.6'
TC V	45	45	15.3'	CL-LB
TC V	45	45	0.0'	CL-LB
BC V	107	107	4.7'	CL-LB
BC V	107	107	10.6'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1641	470	8- 0	1-14
D	1641	470	8- 0	1-14

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -B	0.39	1418 C	0.01	0.38
B -H	0.11	2214 C	0.01	0.10
H -C	0.11	2214 C	0.01	0.10
C -D	0.39	1418 C	0.01	0.38
--------Bottom Chords---------				
A -F	0.60	1283 T	0.11	0.49
F -G	0.32	1292 T	0.11	0.21
G -E	0.32	1292 T	0.11	0.21
E -D	0.60	1283 T	0.11	0.49
------------Webs------------				
F -B	0.01	115 C		
B -G	0.19	1033 T		
G -H	0.02	256 C		
G -C	0.19	1033 T		
E -C	0.01	115 C		

LL Defl -0.04" in G -E L/999
TL Defl -0.09" in G -E L/999
Shear // Grain in A -F 0.44

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 4.0	Ctr	Ctr	0.84
A	LOCK	3.0x 7.0	Ctr	Ctr	0.00
B	LOCK	5.0x 9.0	Ctr	Ctr	0.86
H	LOCK	1.0x 3.0	Ctr	Ctr	0.75
C	LOCK	5.0x 9.0	Ctr	Ctr	0.86
D	LOCK	4.0x 4.0	Ctr	Ctr	0.84
D	LOCK	3.0x 7.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.38
G	LOCK	3.0x 7.0	Ctr	Ctr	0.68
E	LOCK	2.0x 4.0	Ctr	Ctr	0.38

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 4- 6- 8
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: 130 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 2214 Lbs
Quality Control Factor 1.25

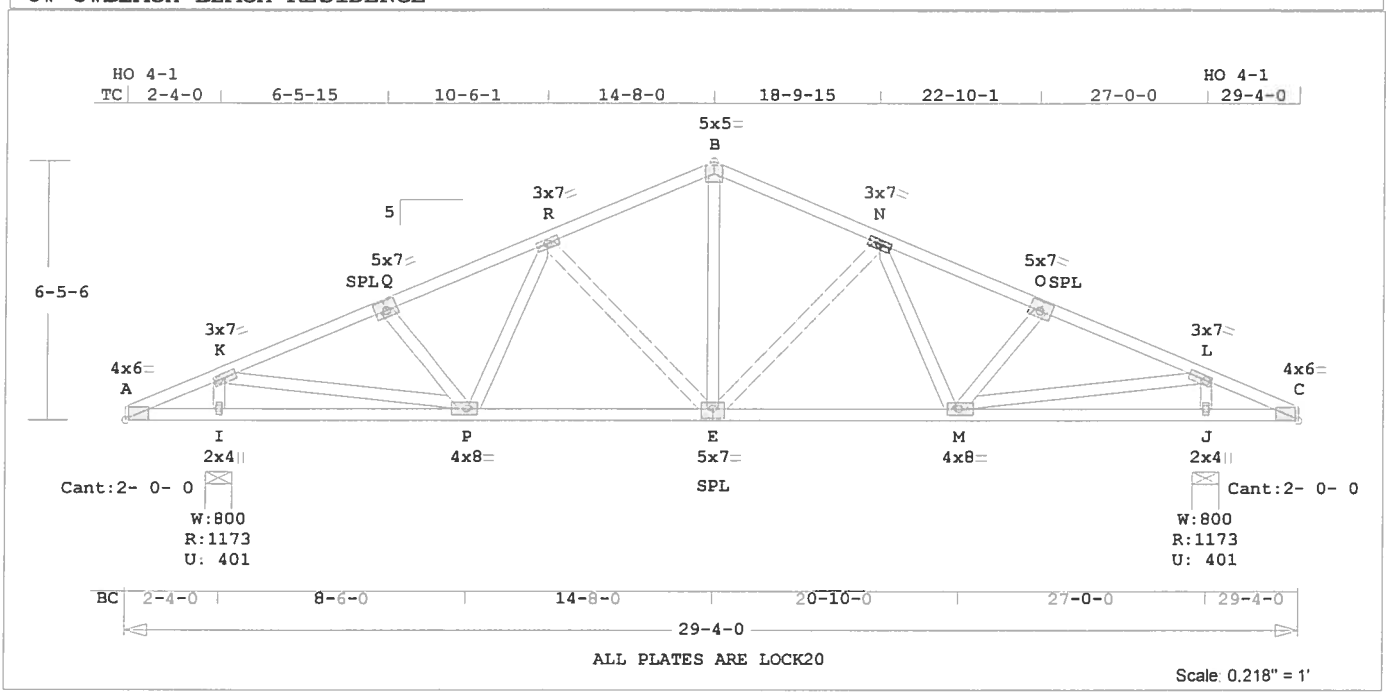
Truss Design Engineer Vuong Phan
License #. 62111
Address. P.O Box 280055, Tampa, FL 33682

VUONG PHAN LICENSE No. 62111 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	F1	3	TR	290400	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 203.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.19	2x 4	SP-#2
BC	0.30	2x 4	SP-#2
WB	0.25	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 4- 0
BC	Cont.	0- 0- 0	29- 4- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
I	1173	402	8- 0	1- 5
			Hz =	-149
J	1173	402	8- 0	1- 5
			Hz =	150

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -K	0.19	104	C 0.01	0.18
K -Q	0.19	1472	C 0.01	0.18
Q -R	0.16	1311	C 0.01	0.15
R -B	0.15	1059	C 0.00	0.15
B -N	0.15	1059	C 0.00	0.15
N -O	0.16	1311	C 0.01	0.15
O -L	0.19	1472	C 0.01	0.18
L -C	0.19	104	C 0.01	0.18
Bottom Chords				
A -I	0.20	106	T 0.00	0.20
I -P	0.20	194	T 0.00	0.20
P -E	0.30	1187	T 0.19	0.11
E -M	0.30	1187	T 0.19	0.11
M -J	0.20	194	T 0.00	0.20
J -C	0.20	106	T 0.00	0.20
Webs				
I -K	0.09	1036	C	
K -P	0.25	1399	T	
Q -P	0.03	219	C	
P -R	0.02	154	T	
R -E	0.14	308	C	
E -B	0.10	573	T	
E -N	0.14	308	C	
N -M	0.02	154	T	
M -O	0.03	219	C	
M -L	0.25	1399	T	
J -L	0.09	1036	C	

LL Defl -0.05" in P -E L/999
TL Defl -0.11" in P -E L/999
LL Cant 0.00" in J -C L/999
Shear // Grain in K -Q 0.16

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	0.66
K	LOCK	3.0x 7.0	Ctr	Ctr	0.43
Q	LOCK	5.0x 7.0	-0.2	0.5	0.67
R	LOCK	3.0x 7.0	Ctr	Ctr	0.50
B	LOCK	5.0x 5.0	Ctr	Ctr	0.62
N	LOCK	3.0x 7.0	Ctr	Ctr	0.50
O	LOCK	5.0x 7.0	0.2	0.5	0.67
L	LOCK	3.0x 7.0	Ctr	Ctr	0.43
C	LOCK	4.0x 6.0	Ctr	0.1	0.66
I	LOCK	2.0x 4.0	Ctr	Ctr	0.45
P	LOCK	4.0x 8.0	-0.5	Ctr	0.89
E	LOCK	5.0x 7.0	Ctr	-0.5	0.68
M	LOCK	4.0x 8.0	0.5	Ctr	0.89
J	LOCK	2.0x 4.0	Ctr	Ctr	0.45

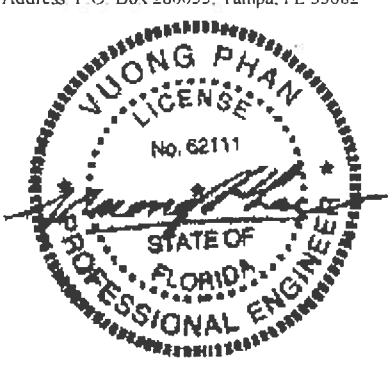
REVIEWED BY:
Robbins Engineering, Inc.

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
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: 130 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 1472 Lbs
Quality Control Factor 1.25

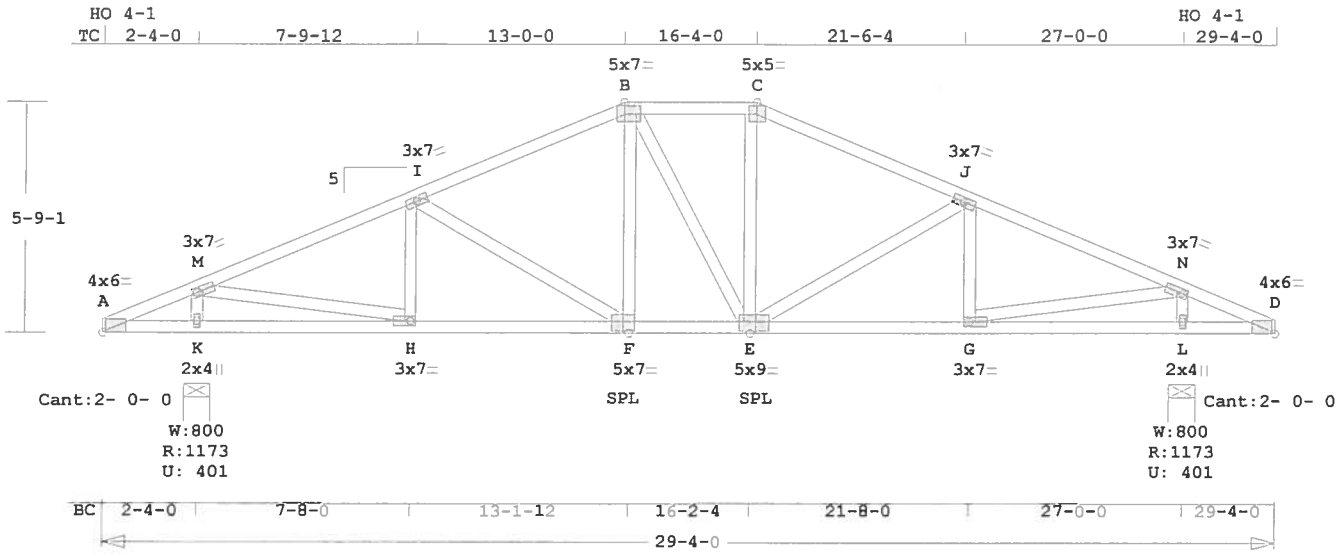
Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	F2	2	HIPP	290400	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus℠ APPROX. TRUSS WEIGHT: 202.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.27	2x 4	SP-#2
BC	0.28	2x 4	SP-#2
WB	0.24	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	29- 4- 0
BC Cont.	0- 0- 0	29- 4- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
K	1173	402	8- 0	1- 5
			Hz =	-132
L	1173	402	8- 0	1- 5
			Hz =	133

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -M	0.23	83 C	0.01	0.22
M -I	0.27	1369 C	0.01	0.26
I -B	0.27	1168 C	0.01	0.26
B -C	0.09	1072 C	0.05	0.04
C -J	0.27	1168 C	0.01	0.26
J -N	0.27	1369 C	0.01	0.26
N -D	0.23	83 C	0.01	0.22
--------Bottom Chords---------				
A -K	0.14	83 T	0.00	0.14
K -H	0.15	179 T	0.00	0.15
H -F	0.28	1265 T	0.21	0.07
F -E	0.23	1069 T	0.17	0.06
E -G	0.28	1265 T	0.21	0.07
G -L	0.15	178 T	0.00	0.15
L -D	0.14	84 T	0.00	0.14
----------Webs----------				
K -M	0.09	1063 C		
M -H	0.24	1316 T		
H -I	0.02	141 C		
I -F	0.10	222 C		
F -B	0.03	245 T		
B -E	0.04	95 T		
E -C	0.03	242 T		
E -J	0.11	224 C		
G -J	0.02	142 C		
G -N	0.24	1317 T		
L -N	0.09	1063 C		

LL Defl -0.04" in E -G L/999
TL Defl -0.10" in H -F L/999
LL Cant 0.00" in A -K L/999
Shear // Grain in I -B 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	0.66
M	LOCK	3.0x 7.0	Ctr	Ctr	0.41
I	LOCK	3.0x 7.0	Ctr	Ctr	0.38
B	LOCK	5.0x 7.0-0.5	Ctr		0.82
C	LOCK	5.0x 5.0	Ctr	Ctr	0.83
J	LOCK	3.0x 7.0	Ctr	Ctr	0.38
N	LOCK	3.0x 7.0	Ctr	Ctr	0.41
D	LOCK	4.0x 6.0	Ctr	0.1	0.66
K	LOCK	2.0x 4.0	Ctr	Ctr	0.44
H	LOCK	3.0x 7.0	Ctr	Ctr	0.81
F	LOCK	5.0x 7.0	Ctr-0.5		0.68
E	LOCK	5.0x 9.0-0.5-0.5			0.68
G	LOCK	3.0x 7.0	Ctr	Ctr	0.81
L	LOCK	2.0x 4.0	Ctr	Ctr	0.44

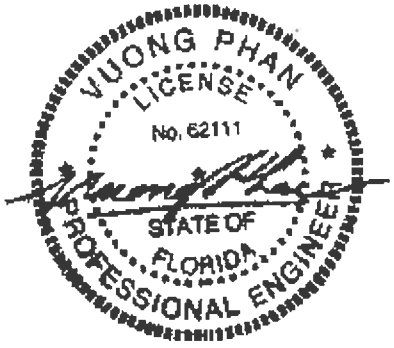
REVIEWED BY:
Robbins Engineering, Inc.

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
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: 130 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 1369 Lbs
Quality Control Factor 1.25

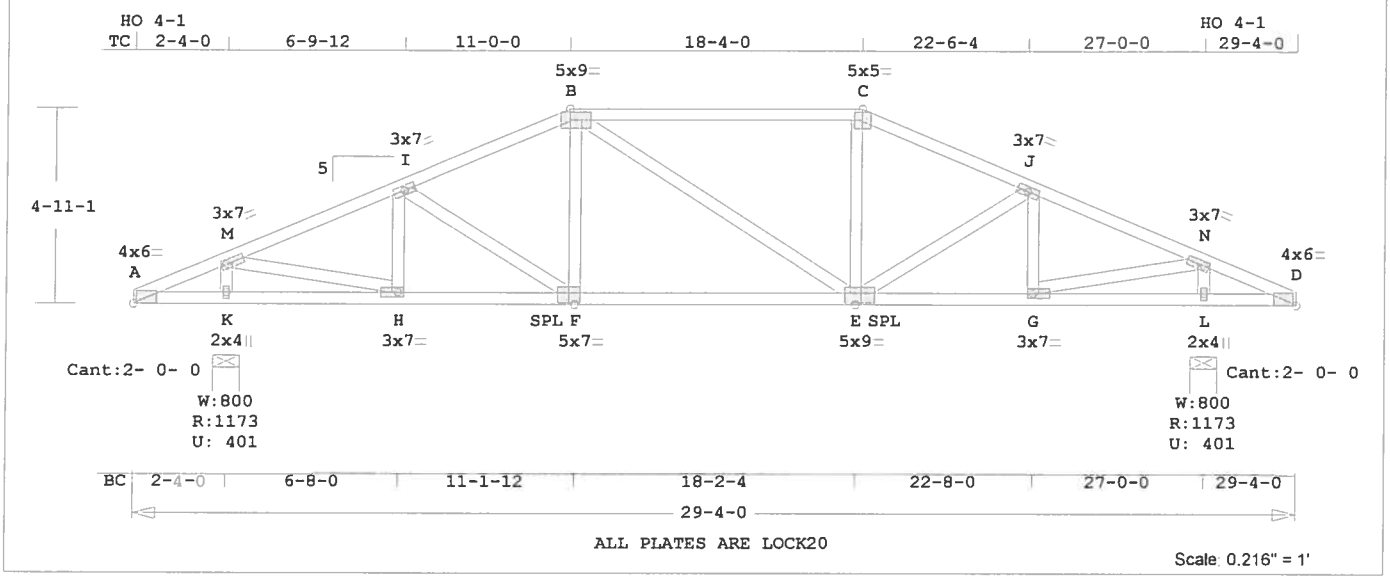
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	F3	2	HIPP	290400	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 193.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.53	2x 4	SP-#2
BC	0.34	2x 4	SP-#2
WB	0.23	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	29- 4- 0
BC Cont.	0- 0- 0	29- 4- 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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
K	1173	402	8- 0	1- 5
			Hz =	-111
L	1173	402	8- 0	1- 5
			Hz =	112

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -M	0.19	92	C	0.01 0.18
M -I	0.19	1300	C	0.01 0.18
I -B	0.27	1292	C	0.01 0.26
B -C	0.53	1202	C	0.02 0.51
C -J	0.26	1295	C	0.01 0.25
J -N	0.19	1300	C	0.01 0.18
N -D	0.19	92	C	0.01 0.18
Bottom Chords				
A -K	0.11	96	T	0.00 0.11
K -H	0.11	145	T	0.00 0.11
H -F	0.32	1196	T	0.12 0.20
F -E	0.34	1197	T	0.12 0.22
E -G	0.34	1196	T	0.12 0.22
G -L	0.11	144	T	0.00 0.11
L -D	0.11	96	T	0.00 0.11
Webs				
K -M	0.10	1068	C	
M -H	0.23	1289	T	
H -I	0.02	227	C	
I -F	0.02	76	T	
F -B	0.03	241	T	
B -E	0.07	95	T	
E -C	0.03	243	T	
E -J	0.02	78	T	
G -J	0.03	231	C	
G -N	0.23	1290	T	
L -N	0.10	1066	C	

LL Defl -0.07" in F -E L/999
TL Defl -0.16" in F -E L/999
LL Cant 0.01" in A -K L/999
Shear // Grain in B -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	4.0x 6.0	Ctr	0.1	0.66
M	LOCK	3.0x 7.0	Ctr	Ctr	0.40
I	LOCK	3.0x 7.0	Ctr	Ctr	0.39
B	LOCK	5.0x 9.0	Ctr	-0.1	0.87
C	LOCK	5.0x 5.0	Ctr	Ctr	0.83
J	LOCK	3.0x 7.0	Ctr	Ctr	0.39
N	LOCK	3.0x 7.0	Ctr	Ctr	0.40
D	LOCK	4.0x 6.0	Ctr	0.1	0.66
K	LOCK	2.0x 4.0	Ctr	Ctr	0.43
H	LOCK	3.0x 7.0	Ctr	Ctr	0.82
F	LOCK	5.0x 7.0	Ctr	-0.5	0.68
E	LOCK	5.0x 9.0	-0.5	-0.5	0.68
G	LOCK	3.0x 7.0	Ctr	Ctr	0.82
L	LOCK	2.0x 4.0	Ctr	Ctr	0.43

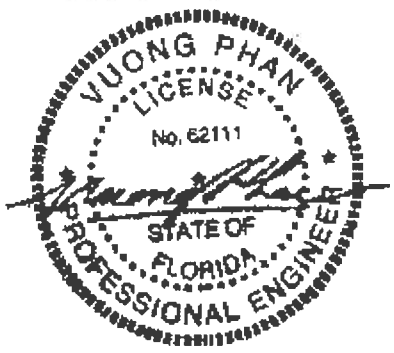
REVIEWED BY:
Robbins Engineering, Inc.

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
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: 130 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 1300 Lbs
Quality Control Factor 1.25

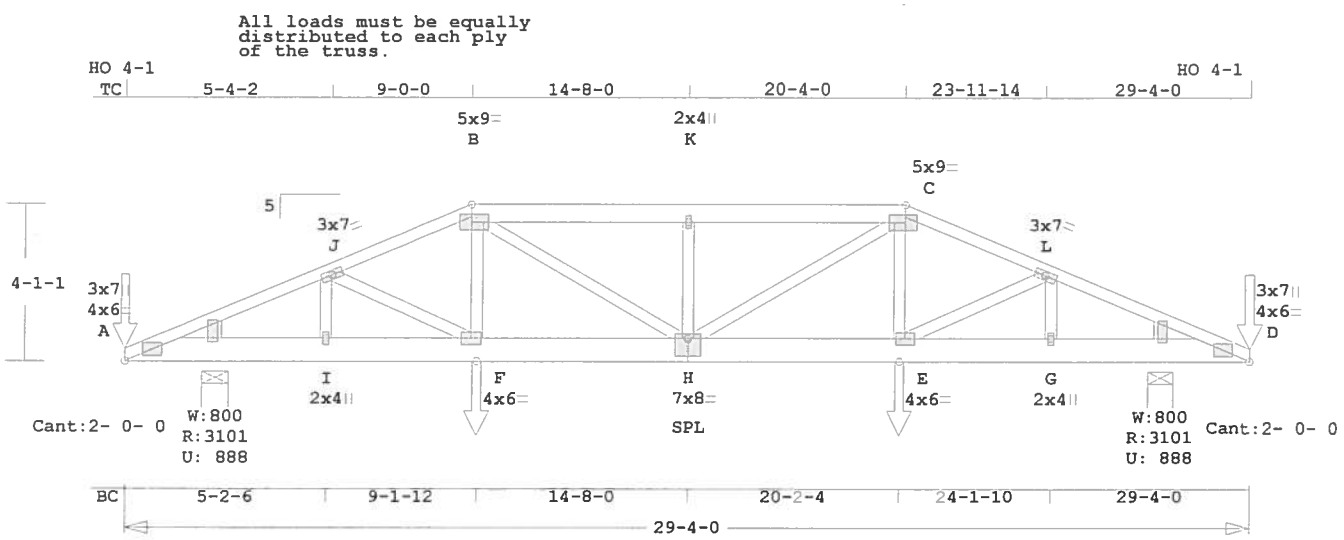
Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	F4	2*2P	HIPP	290400	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 247.8 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.47	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.76	2x 8	SP-#2
WB	0.14	2x 4	SP-#2
WG	---	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	29- 4- 0
BC Cont.		0- 0- 0	29- 4- 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'	29.3'
BC V	0	20	0.0'	29.3'
TC V	70	35	9.0'	20.3'
BC V	0	35	9.1'	20.2'
TC V	90	90	29.3'	CL-LB
TC V	90	90	0.0'	CL-LB
BC V	480	480	9.1'	CL-LB
BC V	480	480	20.2'	CL-LB

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
A	3101	889	8- 0	1-12
			Hz = -89	
D	3102	889	8- 0	1-12
			Hz = 90	

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -J	0.47	3729 C	0.02 0.45
J -B	0.34	5054 C	0.05 0.29
B -K	0.32	5961 C	0.03 0.29
K -C	0.32	5961 C	0.03 0.29
C -L	0.34	5054 C	0.05 0.29
L -D	0.47	3729 C	0.02 0.45
--------Bottom Chords---------			
A -I	0.76	3362 T	0.19 0.57
I -F	0.44	3362 T	0.19 0.25
F -H	0.33	4692 T	0.26 0.07
H -E	0.33	4692 T	0.26 0.07
E -G	0.44	3362 T	0.19 0.25
G -D	0.76	3362 T	0.19 0.57
------------Webs------------			
I -J	0.05	1097 C	
J -F	0.14	1519 T	
F -B	0.05	659 T	
B -H	0.13	1487 T	
H -K	0.05	1156 C	
H -C	0.13	1487 T	
E -C	0.05	659 T	
E -L	0.14	1519 T	
G -L	0.05	1097 C	

LL Defl -0.10" in H -E L/999
TL Defl -0.19" in H -E L/999
Shear // Grain in A -I 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	4.0x 6.0	Ctr	Ctr	0.78
A	LOCK	3.0x 7.0	Ctr	Ctr	0.00
J	LOCK	3.0x 7.0	Ctr	Ctr	0.38
B	LOCK	5.0x 9.0-1.0	Ctr		0.94
K	LOCK	2.0x 4.0	Ctr	Ctr	0.41
C	LOCK	5.0x 9.0 1.0	Ctr		0.94
L	LOCK	3.0x 7.0	Ctr	Ctr	0.38
D	LOCK	4.0x 6.0	Ctr	Ctr	0.78
D	LOCK	3.0x 7.0	Ctr	Ctr	0.00
I	LOCK	2.0x 4.0	Ctr	Ctr	0.41
F	LOCK	4.0x 6.0	Ctr	Ctr	0.41
H	LOCK	7.0x 8.0	Ctr-2.0		0.51
E	LOCK	4.0x 6.0	Ctr	Ctr	0.41
G	LOCK	2.0x 4.0	Ctr	Ctr	0.41

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

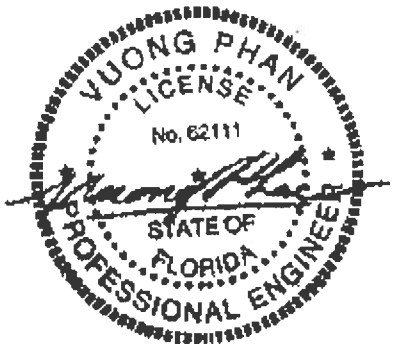
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 9- 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	4	4	

Plus clusters of nails where shown.
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: 130 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 5961 Lbs
Quality Control Factor 1.25

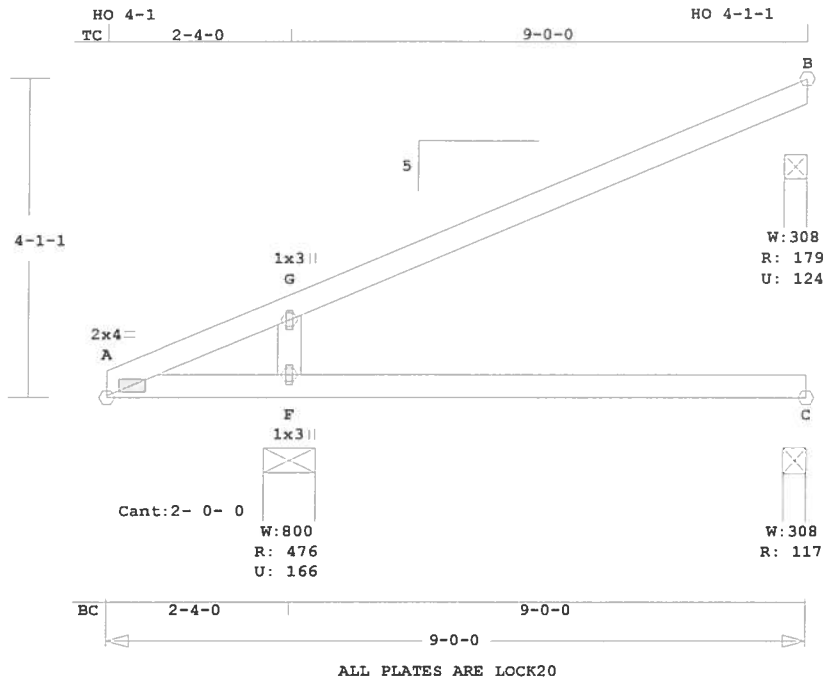
Truss Design Engineer Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J1	34	MONO	90000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 0.424" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 37.1 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.39	2x 4	SP-#2
BC	0.24	2x 4	SP-#2
WB	0.03	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	9- 0- 0
BC Cont.		0- 0- 0	9- 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 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
F	477	166	8- 0	1- 0
			Hz =	160
B	180	124	3- 8	1- 0
			Hz =	108
C	117	0G	3- 8	1- 0

G = Gravity Uplift

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

A -G	0.35	176	C	0.01	0.34
G -B	0.39	76	T	0.00	0.39

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

A -F	0.19	159	T	0.00	0.19
F -C	0.24	0	T	0.00	0.24

-------------Webs-------------

F -G	0.03	386	C	WindLd	

LL Defl -0.06" in F -C L/999
TL Defl -0.12" in F -C L/586
LL Cant 0.02" in A -F L/985
Shear // Grain in G -B 0.26

Hz Disp	LL	DL	TL
Jt B	0.05"	-0.01"	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	0.77
G	LOCK	1.0x 3.0	Ctr	Ctr	0.75
F	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.

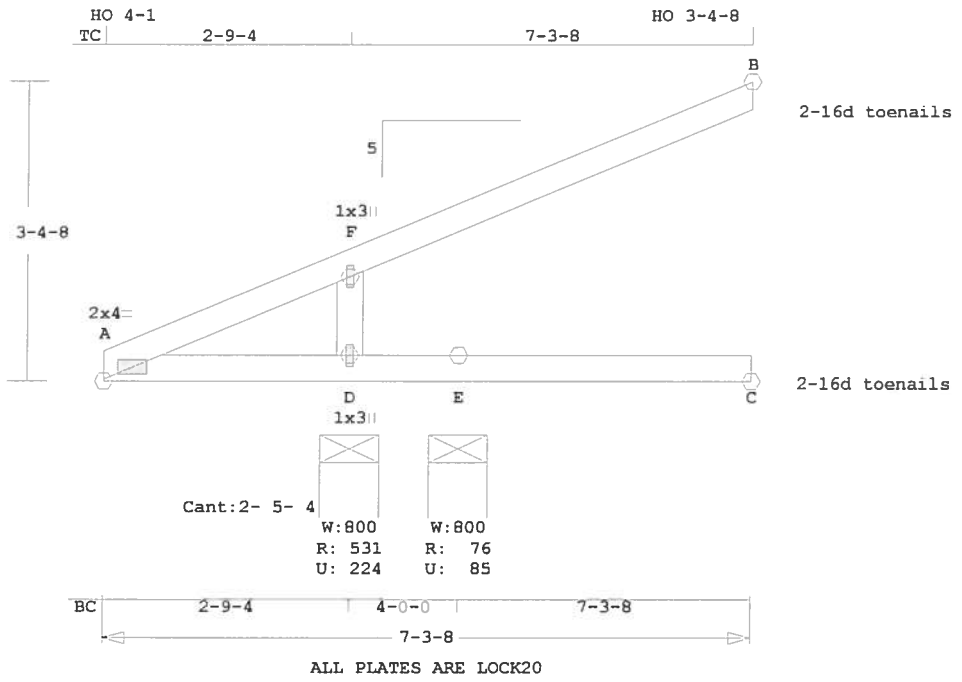
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 386 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682

Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J1A	5	MONO	70308	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



ALL PLATES ARE LOCK20

Scale: 0.483" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 30.7 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.29	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	7- 3- 8
BC	Cont.	0- 0- 0	7- 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 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
D	531	224	8- 0	1- 0
		Hz =	129	
E	76	85G	8- 0	1- 0
B	106	82	3- 8	1- 0
		Hz =	87	
C	63	0G	3- 8	1- 0

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -F	0.29	122 C	0.00 0.29
F -B	0.29	66 T	0.00 0.29
--------Bottom Chords---------			
A -D	0.27	129 T	0.00 0.27
D -E	0.27	0 T	0.00 0.27
E -C	0.06	0 T	0.00 0.06
----------Webs----------			
D -F	0.02	300 C	WindLd

LL Defl 0.00" in E -C L/999
TL Defl -0.01" in E -C L/999
LL Cant -0.03" in A -D L/898
Shear // Grain in F -B 0.19

Hz Disp	LL	DL	TL
Jt B	0.02"	0.02"	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	0.74
F	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75

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: 130 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 300 Lbs
Quality Control Factor 1.25

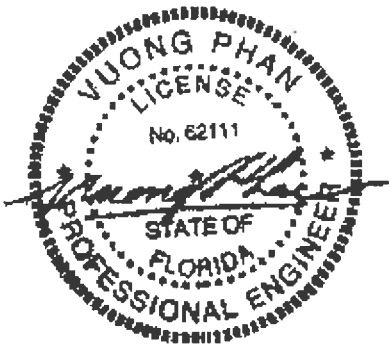
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

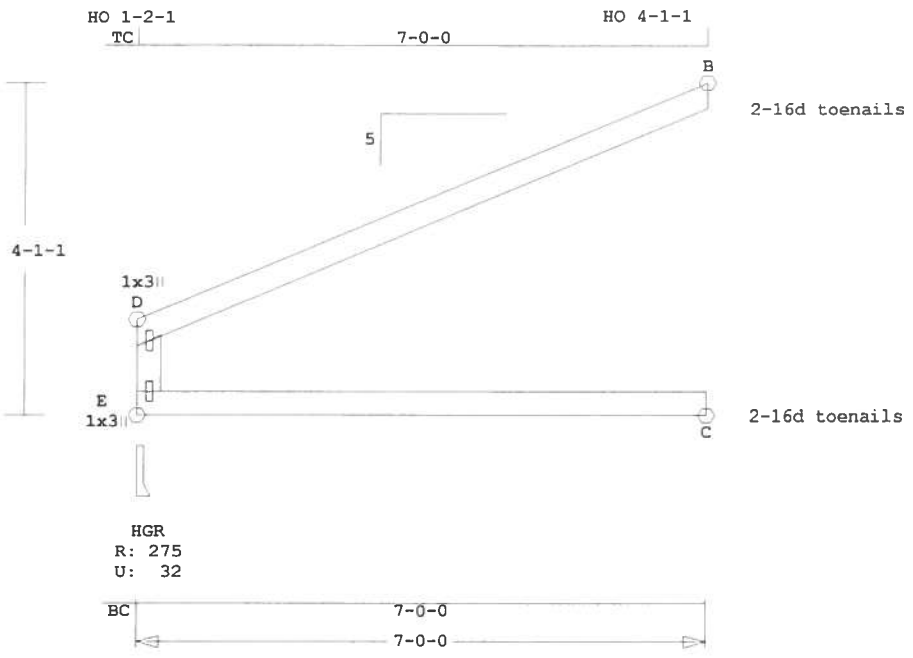
Truss Design Engineer: Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J1B	7	JCA2	70000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 29.1 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.50	2x 4	SP-#2
BC	0.32	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

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

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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
E	276	32	3- 8	1- 0
			Hz =	150
B	201	136	3- 8	1- 0
C	133	0	3- 8	1- 0
			Hz =	105

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
D -B	0.50	66 C	0.00 0.50
--------Bottom Chords---------			
E -C	0.32	104 T	0.00 0.32
----------Webs----------			
E -D	0.02	219 C	0.02 0.00

LL Defl -0.08" in E -C L/963
TL Defl -0.19" in E -C L/412
Shear // Grain in D -B 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
D	LOCK	1.0x 3.0	Ctr	Ctr 0.75
E	LOCK	1.0x 3.0	Ctr	Ctr 0.75

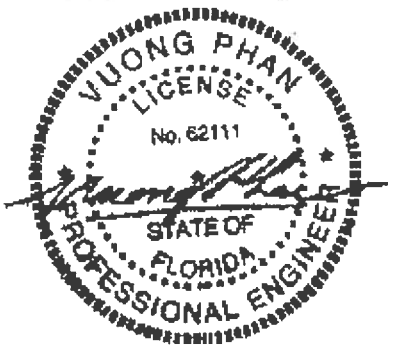
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 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 219 Lbs
Quality Control Factor 1.25

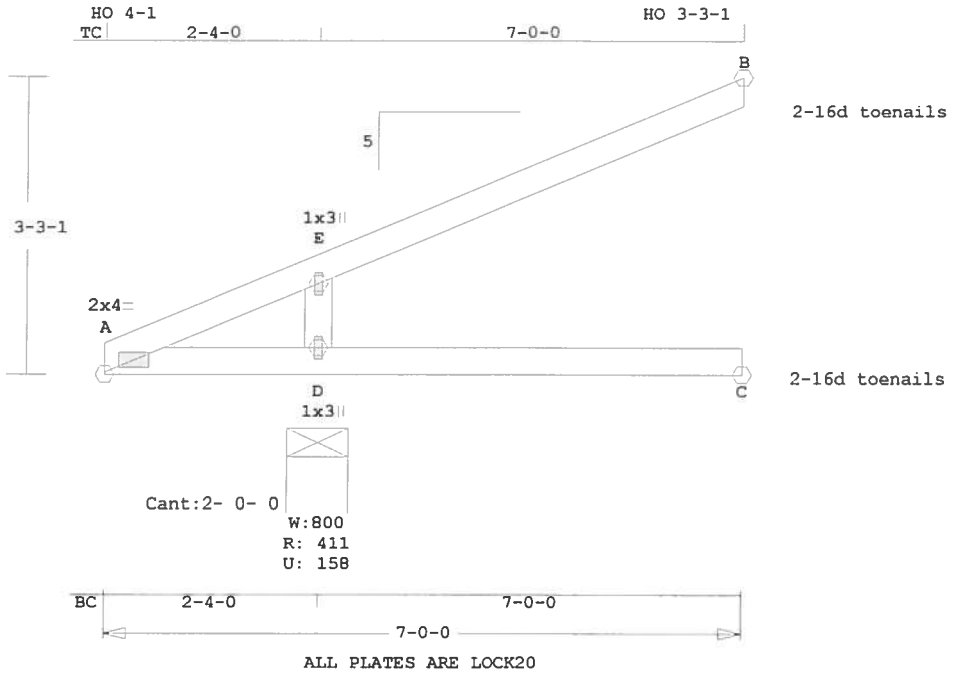
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J2	20	MONO	70000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 0.497" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 29.2 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.25	2x 4	SP-#2
BC	0.16	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

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

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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
D	412	159	8- 0	1- 0
			Hz =	124
B	117	86	3- 8	1- 0
			Hz =	84
C	74	0	3- 8	1- 0

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -E	0.25	124 C	0.00 0.25
E -B	0.25	62 T	0.00 0.25
Bottom Chords			
A -D	0.16	124 T	0.00 0.16
D -C	0.16	0 T	0.00 0.16
Webs			
D -E	0.02	294 C	WindLd

LL Defl -0.01" in D -C L/999
TL Defl -0.02" in D -C L/999
LL Cant -0.02" in A -D L/999
Shear // Grain in E -B 0.19

Hz Disp	LL	DL	TL
Jt B	0.01"	0.01"	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	0.73
E	LOCK	1.0x 3.0	Ctr Ctr	0.75
D	LOCK	1.0x 3.0	Ctr Ctr	0.75

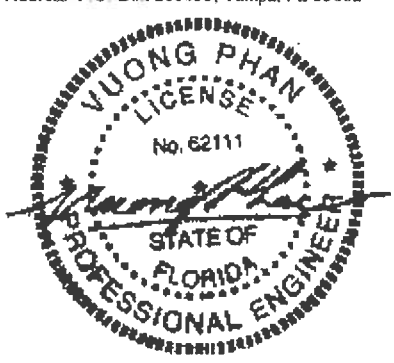
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 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 294 Lbs
Quality Control Factor 1.25

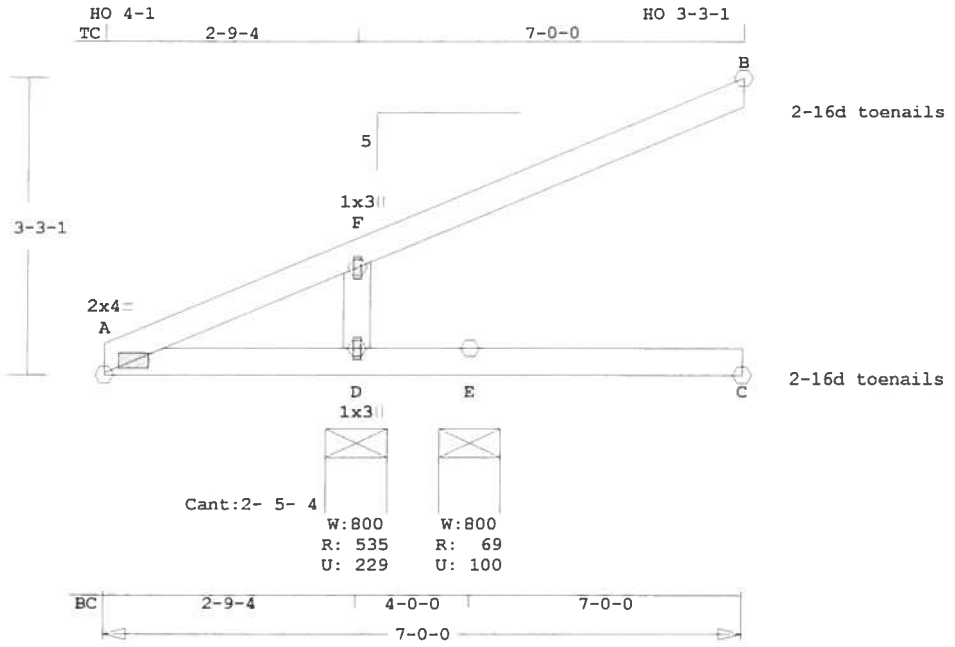
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J2A	1	MONO	70000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 0.497" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 29.6 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.28	2x 4	SP-#2
BC	0.28	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

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

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 Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
D	535	230	8- 0	1- 0
			Hz = 124	
E	70	101G	8- 0	1- 0
B	96	76	3- 8	1- 0
			Hz = 84	
C	59	0G	3- 8	1- 0

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -F	0.28	116 C	0.00 0.28
F -B	0.28	64 T	0.00 0.28
--------Bottom Chords---------			
A -D	0.28	124 T	0.00 0.28
D -E	0.28	0 T	0.00 0.28
E -C	0.05	0 T	0.00 0.05
----------Webs----------			
D -F	0.02	289 C	WindLd

LL Defl 0.00" in E -C L/999
TL Defl -0.01" in E -C L/999
LL Cant -0.04" in A -D L/834
Shear // Grain in D -E 0.20

Hz Disp	LL	DL	TL
Jt B	0.02"	0.02"	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	0.73
F	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75

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: 130 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 289 Lbs
Quality Control Factor 1.25

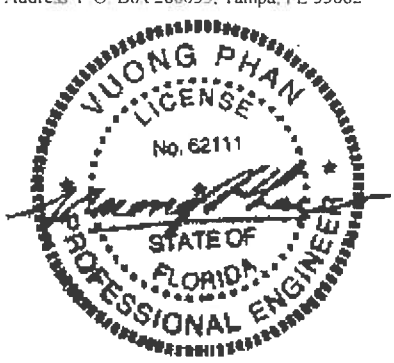
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

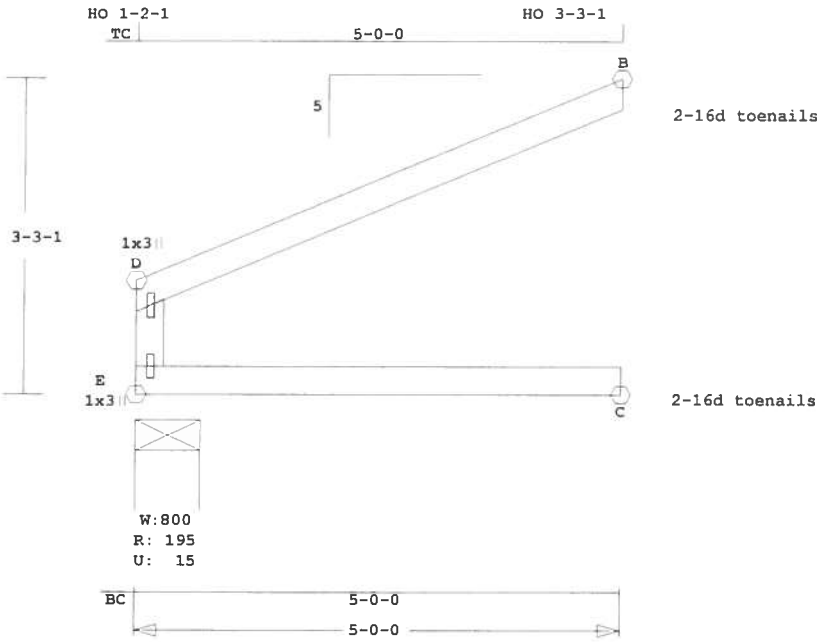
Truss Design Engineer Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J2B	3	JCA2	50000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 0.529" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 21.2 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.24	2x 4	SP-#2
BC	0.15	2x 4	SP-#2
WB	0.01	2x 4	SP-#2

Brace truss as follows:

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

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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
E	195	16	8- 0	1- 0
			Hz =	114
B	146	103	3- 8	1- 0
C	96	0	3- 8	1- 0
			Hz =	80

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
D -B	0.24	49 C	0.00 0.24
--------Bottom Chords---------			
E -C	0.15	80 T	0.00 0.15
----------Webs----------			
E -D	0.01	153 C	0.01 0.00

LL Defl -0.02" in E -C L/999
TL Defl -0.05" in E -C L/999
Shear // Grain in D -B 0.17

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
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75
E	LOCK	1.0x 3.0	Ctr	Ctr	0.75

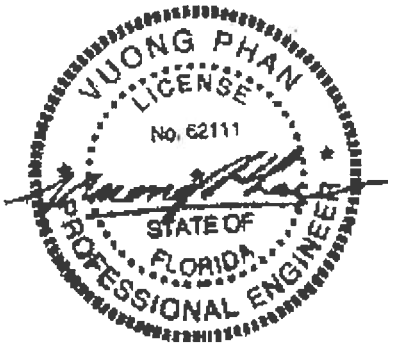
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 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 153 Lbs
Quality Control Factor 1.25

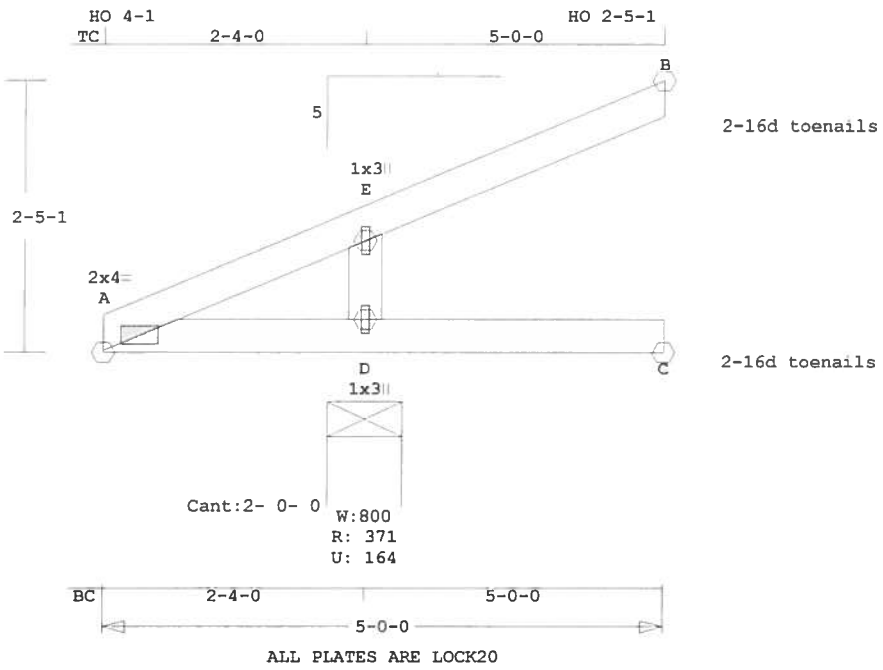
Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J3	23	JCA2	50000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 0.611" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 21.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.21	2x 4	SP-#2
BC	0.19	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

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

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 Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
D	371	164	8- 0	1- 0
			Hz =	89
B	41	41	3- 8	1- 0
C	24	12G	3- 8	1- 0
			Hz =	59

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -E	0.21	80 C	0.00 0.21
E -B	0.21	21 C	0.00 0.21
Bottom Chords			
A -D	0.19	88 T	0.00 0.19
D -C	0.19	59 T	0.00 0.19

Webs

D -E	0.02	232 C	WindLd

LL Defl	0.00"	in D -C	L/999
TL Defl	0.01"	in D -C	L/999
LL Cant	-0.02"	in A -D	L/960
Shear // Grain		in E -B	0.14

Hz Disp	LL	DL	TL
Jt B	0.01"	0.01"	0.03"

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	1.0x 3.0	Ctr	Ctr	0.75
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.

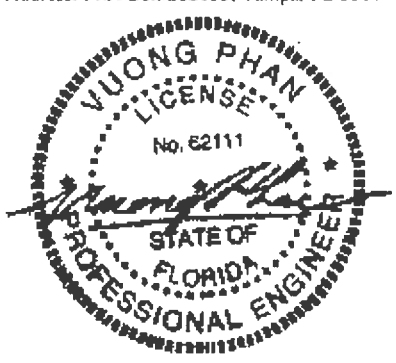
For proper installation of toe-nails, refer to the 2001 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.

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

Wind Speed:	130 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	232 Lbs
Quality Control Factor	1.25

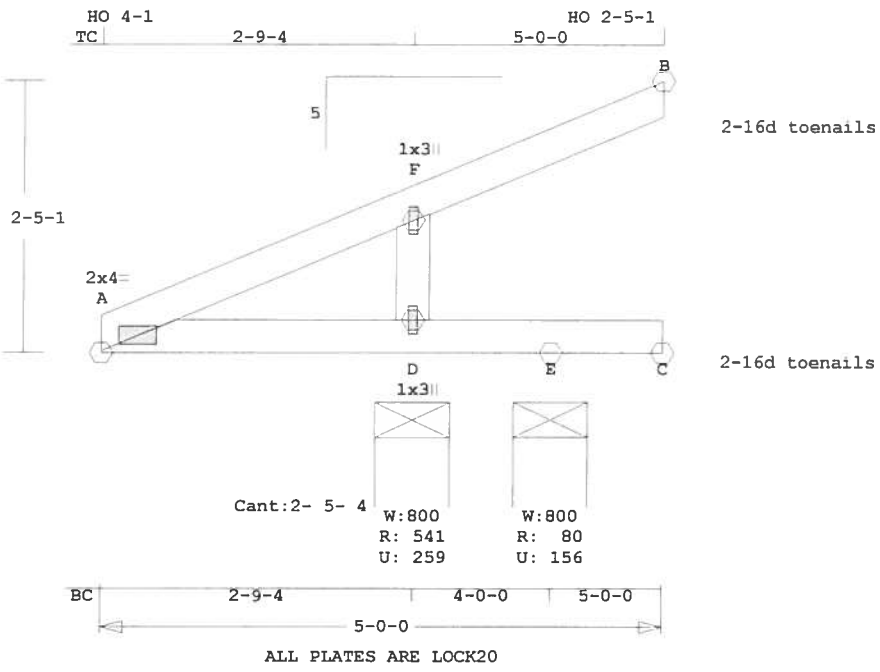
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J3A	1	JCA2	50000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 0.611" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 21.7 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.26	2x 4	SP-#2
BC	0.31	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

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

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 Lbs	Uplft Lbs	Size Req'd In-Sx	Req'd In-Sx
D	541	260	8- 0	1- 0
			Hz =	89
E	80	157G	8- 0	1- 0
B	19	31	3- 8	1- 0
C	26	0G	3- 8	1- 0
			Hz =	59

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -F	0.26	74 C	0.00	0.26
F -B	0.26	28 C	0.00	0.26
--------Bottom Chords---------				
A -D	0.31	88 T	0.00	0.31
D -E	0.31	59 T	0.00	0.31
E -C	0.00	59 T		
------------Webs------------				
D -F	0.02	254 C	WindLd	

LL Defl 0.00" in D -C L/999
TL Defl 0.00" in D -C L/999
LL Cant -0.04" in A -D L/699
Shear // Grain in D -E 0.24

Hz Disp	LL	DL	TL
Jt B	0.02"	0.02"	0.05"

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
F	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75

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: 130 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 254 Lbs
Quality Control Factor 1.25

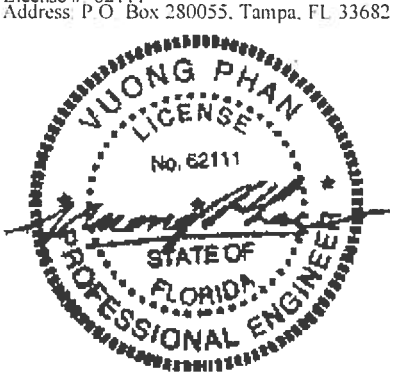
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

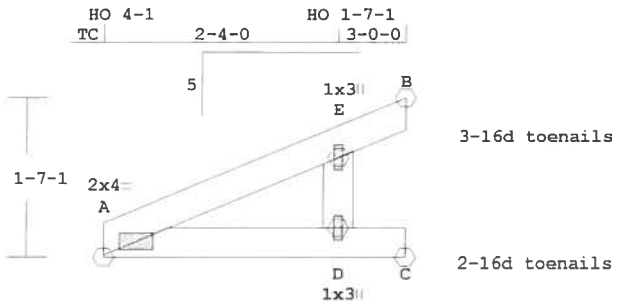
Truss Design Engineer: Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682

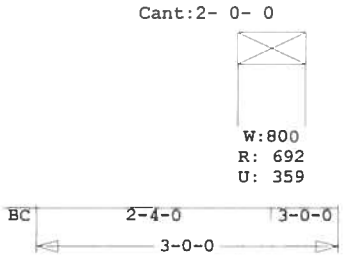


Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J4	27	JCA2	30000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE





ALL PLATES ARE LOCK20

Scale: 0.546" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 13.5 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.18	2x 4	SP-#2
BC	0.21	2x 4	SP-#2
WB	0.03	2x 4	SP-#2

Brace truss as follows:

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

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 Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
D	692	360	8- 0	1- 0
			Hz =	53
B	113	243G	3- 8	1- 0
C	111	209G	3- 8	1- 0
			Hz =	35

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -E	0.18	40 C	0.00 0.18
E -B	0.18	104 C	0.00 0.18
--------Bottom Chords---------			
A -D	0.21	52 T	0.00 0.21
D -C	0.21	35 T	0.00 0.21
-------------Webs-------------			
D -E	0.03	387 C	WindLd

LL Defl 0.00" in D -C L/999
TL Defl 0.00" in D -C L/999
LL Cant -0.02" in A -D L/999
Shear // Grain in E -B 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	2.0x 4.0	Ctr	Ctr	0.68
E	LOCK	1.0x 3.0	Ctr	Ctr	0.75
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.

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

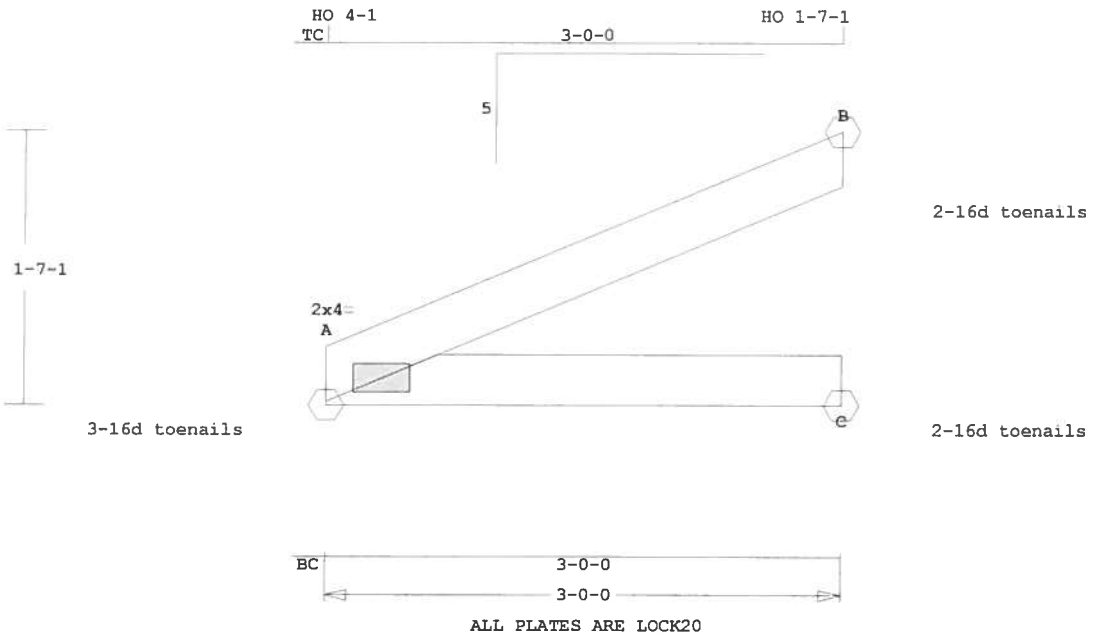
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 387 Lbs
Quality Control Factor 1.25

Truss Design Engineer Vuong Phan
License # 62111
Address P.O. Box 280055, Tampa, FL 33682

Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J4A	1	JCA2	30000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



ALL PLATES ARE LOCK20

Scale: 0.938" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 12.0 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

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

Brace truss as follows:

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

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 Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
A	115	18	3- 8	1- 0
		Hz =		52
B	87	54	3- 8	1- 0
C	55	0G	3- 8	1- 0
		Hz =		35

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.06	26 C	0.00 0.06
--------Bottom Chords---------			
A -C	0.05	35 T	0.00 0.05

LL Defl 0.00" in A -C L/999
TL Defl 0.00" in A -C L/999
Shear // Grain in A -B 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	2.0x 4.0 Ctr	Ctr	0.68

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

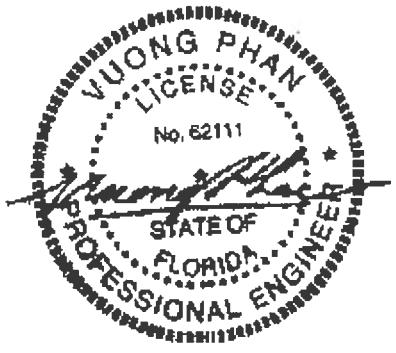
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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
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: 130 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 26 Lbs
Quality Control Factor 1.25

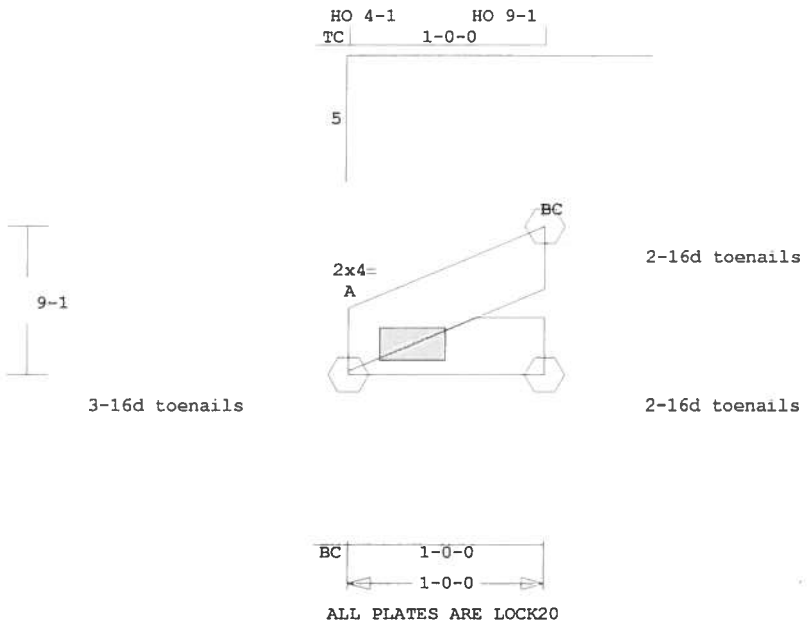
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J5	28	JCA2	10000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Scale: 1.070" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 4.2 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	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			

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	44	8	3- 8	1- 0
			Hz =	15
B	19	11	1- 8	1- 0
C	13	2	1- 8	1- 0
			Hz =	10

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.00	5	C
--------Bottom Chords---------			
A -C	0.00	10	T

LL Defl 0.00" in A -C L/999
TL 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
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02

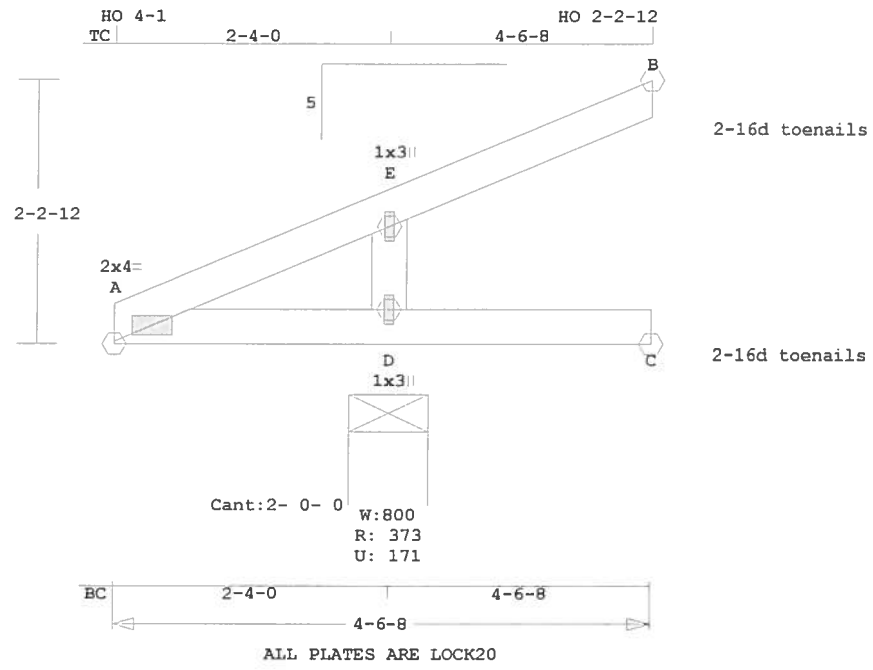
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 5 Lbs
Quality Control Factor 1.25

Truss Design Engineer Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682

Date Sealed 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	J6	5	JCA2	40608	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.5 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.20	2x 4	SP-#2
BC	0.19	2x 4	SP-#2
WB	0.02	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4- 6- 8
BC	Cont.	0- 0- 0	4- 6- 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 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
D	373	171	8- 0	1- 0
			Hz =	80
B	19	32	3- 8	1- 0
C	28	27G	3- 8	1- 0
			Hz =	54

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -E	0.20	70 C	0.00 0.20
E -B	0.20	22 C	0.00 0.20
Bottom Chords			
A -D	0.19	80 T	0.00 0.19
D -C	0.19	53 T	0.00 0.19

Webs

D -E	0.02	226 C	WindLd

LL Defl 0.00" in D -C L/999
TL Defl 0.00" in D -C L/999
LL Cant -0.02" in A -D L/994
Shear // Grain in A -E 0.13

Hz Disp	LL	DL	TL
Jt B	0.01"	0.01"	0.03"

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
E	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75

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

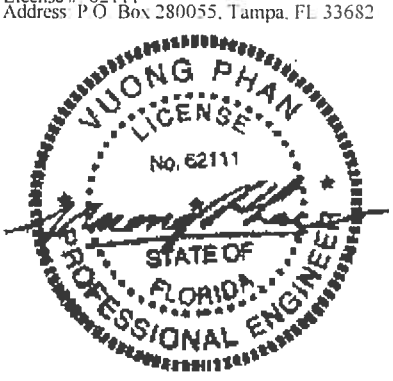
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 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 226 Lbs
Quality Control Factor 1.25

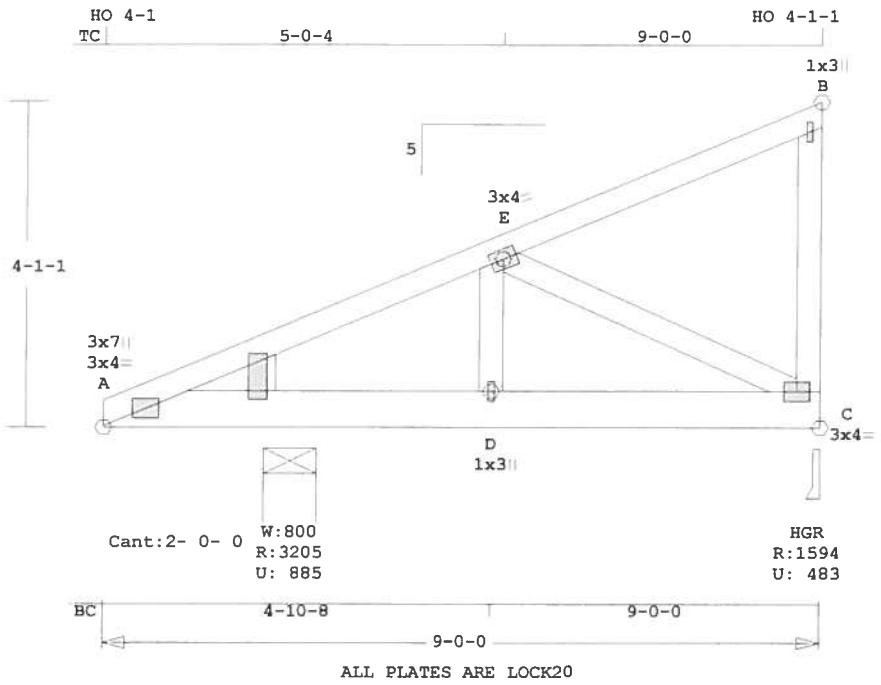
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	JG1	1*2P	MONO	90000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



ALL PLATES ARE LOCK20

Scale: 0.434" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 64.3 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.53	2x 4	SP-#2
BC	0.95	2x 6	SP-#2
WB	0.07	2x 4	SP-#2
WG	---	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	9- 0- 0
BC Cont.		0- 0- 0	9- 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'	9.0'
BC V	227	247	0.0'	9.0'

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

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
A	3205	886	8- 0	1-13
			Hz =	-118
C	1595	483	3- 8	1- 0
			Hz =	248

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -E	0.53	985 C	0.00 0.53
E -B	0.18	91 C	0.00 0.18
--------Bottom Chords---------			
A -D	0.95	832 T	0.05 0.90
D -C	0.53	832 T	0.05 0.48
------------Webs------------			
D -E	0.07	802 T	
E -C	0.05	929 C	
C -B	0.02	153 C	WindLd

LL Defl -0.03" in D -C L/999
TL Defl -0.07" in D -C L/999
Shear // Grain in A -A 0.78

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	0.78
A	LOCK	3.0x 7.0	Ctr	Ctr	0.00
E	LOCK	3.0x 4.0	Ctr	Ctr	0.43
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.86
C	LOCK	3.0x 4.0	Ctr	Ctr	0.67

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

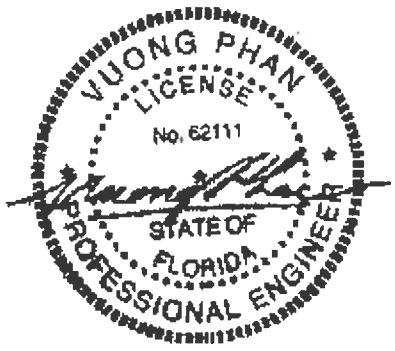
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Common
Loading BC
Span 24- 8- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	1	12	24	0
BC	2	12	24	0
WB	1	4	4	

Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
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: 130 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 985 Lbs
Quality Control Factor 1.25

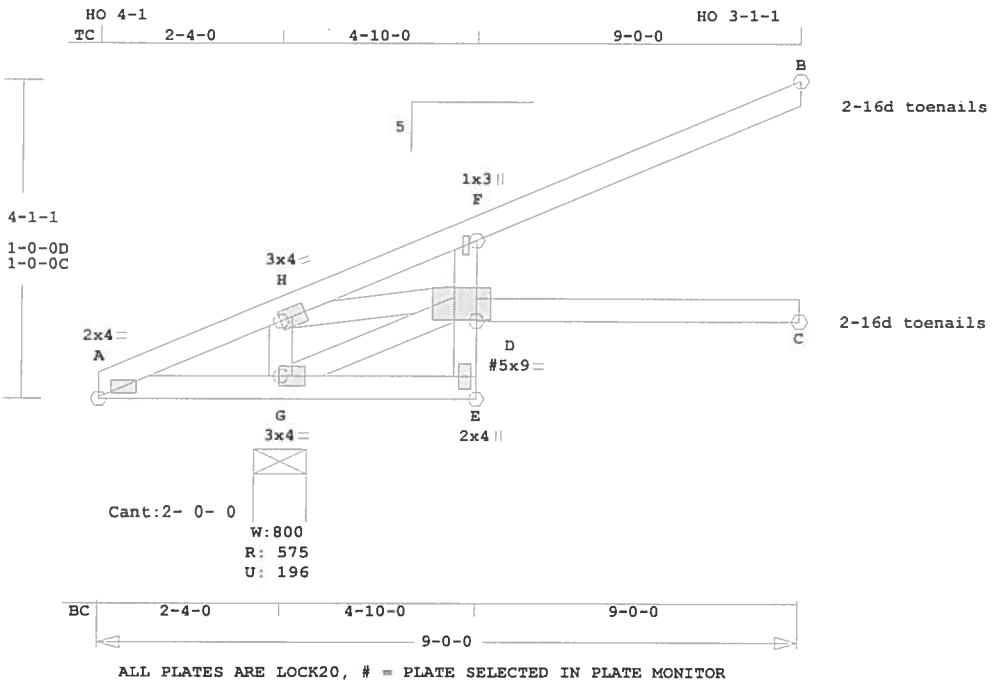
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	VJ1	5	SP	90000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



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

Scale: 0.424" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 48.7 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.12	2x 4	SP-#2
CW	0.07	2x 4	SP-#2
WB	0.06	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	9- 0- 0
BC Cont.	0- 0- 0	9- 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 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	575	197	8- 0	1- 0
			Hz =	470
B	174	116	3- 8	1- 0
			Hz =	47
C	90	0G	3- 8	1- 0

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -H	0.41	92 T	0.01	0.40
H -F	0.40	65 C	0.00	0.40
F -B	0.36	53 C	0.00	0.36
Bottom Chords				
A -G	0.06	70 C	0.00	0.06
G -E	0.04	19 C	0.00	0.04
E -D	0.01	17 T	0.00	0.01
D -C	0.12	0 T	0.00	0.12
Chord-Webs				
D -G	0.07	482 T	0.07	0.00
E -D	0.01	17 T	0.00	0.01
Webs				
G -H	0.03	410 C		
G -D	0.06	582 C		
H -D	0.02	147 T		

LL Defl -0.02" in D -C L/999
TL Defl -0.04" in D -C L/999
LL Cant 0.01" in A -G L/999
Shear // Grain in H -F 0.27

Hz Disp	LL	DL	TL
Jt C	0.01"	0.01"	0.01"

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
H	LOCK	3.0x 4.0	Ctr	Ctr	0.41
F	LOCK	1.0x 3.0	Ctr	Ctr	0.75
G	LOCK	3.0x 4.0	Ctr	Ctr	0.38
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
D#	LOCK	5.0x 9.0	-0.6	0.9	0.28

= Plate Monitor used

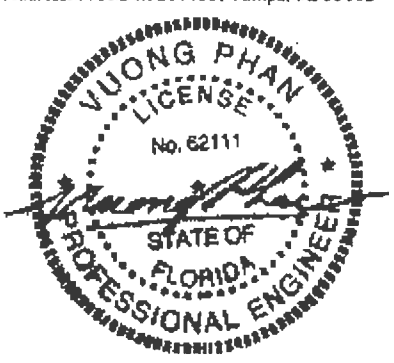
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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
Provide connection to bearing for 469 Lbs Horiz Reaction
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: 130 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 582 Lbs
Quality Control Factor 1.25

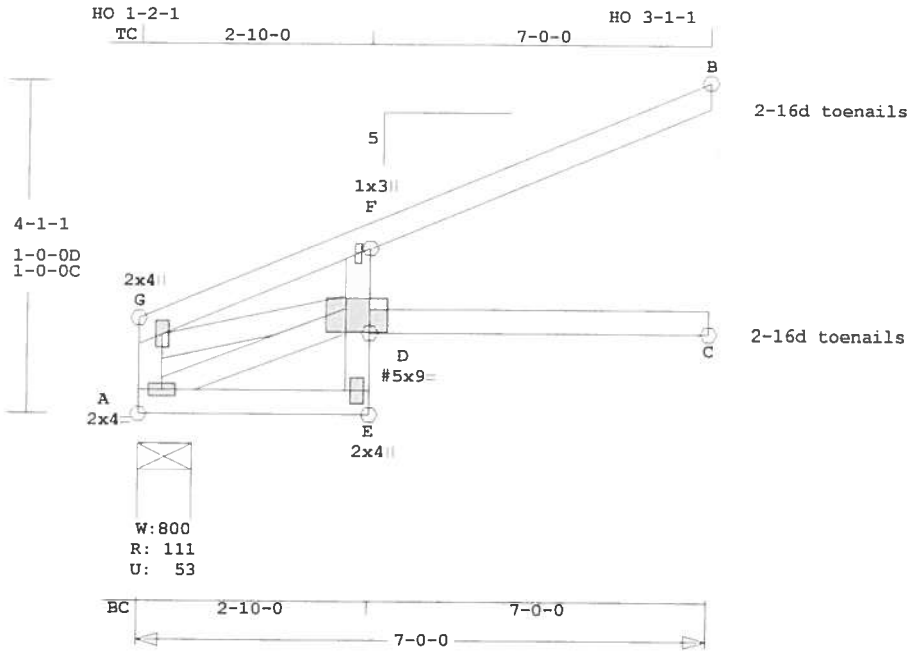
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 12/15/2005

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
BEACH	VJ1A	1	SP	70000	5	0	0	T05121429

U# J#BEACH BEACH RESIDENCE



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

Scale: 0.443" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 41.5 LBS

Online Plus -- Version 18.0.020
RUN DATE: 14-DEC-05

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.25	2x 4	SP-#2
CW	0.07	2x 4	SP-#2
WB	0.05	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	7- 0- 0
BC Cont.		0- 0- 0	7- 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 4 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	112	53	8- 0	1- 0
			Hz =	-282
B	180	119	3- 8	1- 0
			Hz =	92
C	120	0G	3- 8	1- 0

G = Gravity Uplift

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
G -F	0.41	67 C	0.00	0.41
F -B	0.39	64 T	0.00	0.39
--------Bottom Chords---------				
A -E	0.03	89 T	0.01	0.02
E -D	0.07	27 T	0.00	0.07
D -C	0.25	0 T	0.00	0.25
----------Chord-Webs----------				
D -A	0.04	344 C	0.04	0.00
E -D	0.07	27 T	0.00	0.07
-------------Webs-------------				
A -G	0.01	199 C	0.01	0.00
A -D	0.05	302 T		
G -D	0.03	229 T	0.03	0.00

LL Defl -0.04" in D -C L/999
TL Defl -0.09" in D -C L/804
Shear // Grain in G -F 0.27

Hz Disp	LL	DL	TL
Jt C	0.01"	0.02"	0.03"

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
G	LOCK	2.0x 4.0	Ctr	Ctr	0.75
F	LOCK	1.0x 3.0	Ctr	Ctr	0.75
A	LOCK	2.0x 4.0	Ctr	Ctr	0.75
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
D#	LOCK	5.0x 9.0-0.1	0.9		0.34

= 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.

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

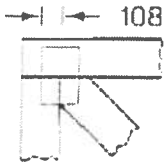
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 130 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 344 Lbs
Quality Control Factor 1.25

Truss Design Engineer Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682

Date Sealed: 12/15/2005

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).

PLATE SIZE

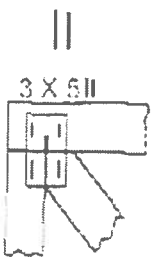
6 x 8

The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots.

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 ORIENTATION

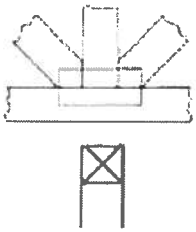


Shown next to plate size, indicates direction of slots in connector plate.

DIMENSIONS

All dimensions are shown in FT-IN-SIX (i.e. 6' 8 1/2" or 6-08-08). Dimensions less than one foot are shown in IN-SIX only (i.e. 705).

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" bearings at each end, unless indicated otherwise. Cutting and fabrication shall be performed on equipment which produces snug-fitting joints and plates. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication and these 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. These designs were prepared in accordance with "National Design Specifications for Wood Construction" (AF & PA), " National Design Standard for Metal Plate Connected Wood Truss Construction" (TPI), 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 the 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 "domino-ing". 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 the 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 THESE DESIGNS TO ERECTION CONTRACTOR. IT IS THE RESPONSIBILITY OF THE BUILDING DESIGNER TO REVIEW THESE TRUSS DESIGN DRAWINGS & VERIFY THAT DATA INCLUDING DIM. & LOADS CONFORM TO ARCH. PLAN/SPECS & FAB. TRUSS PLACEMENT DIAGRAM.

Robbins Engineering, Inc.

Corporate Headquarters

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