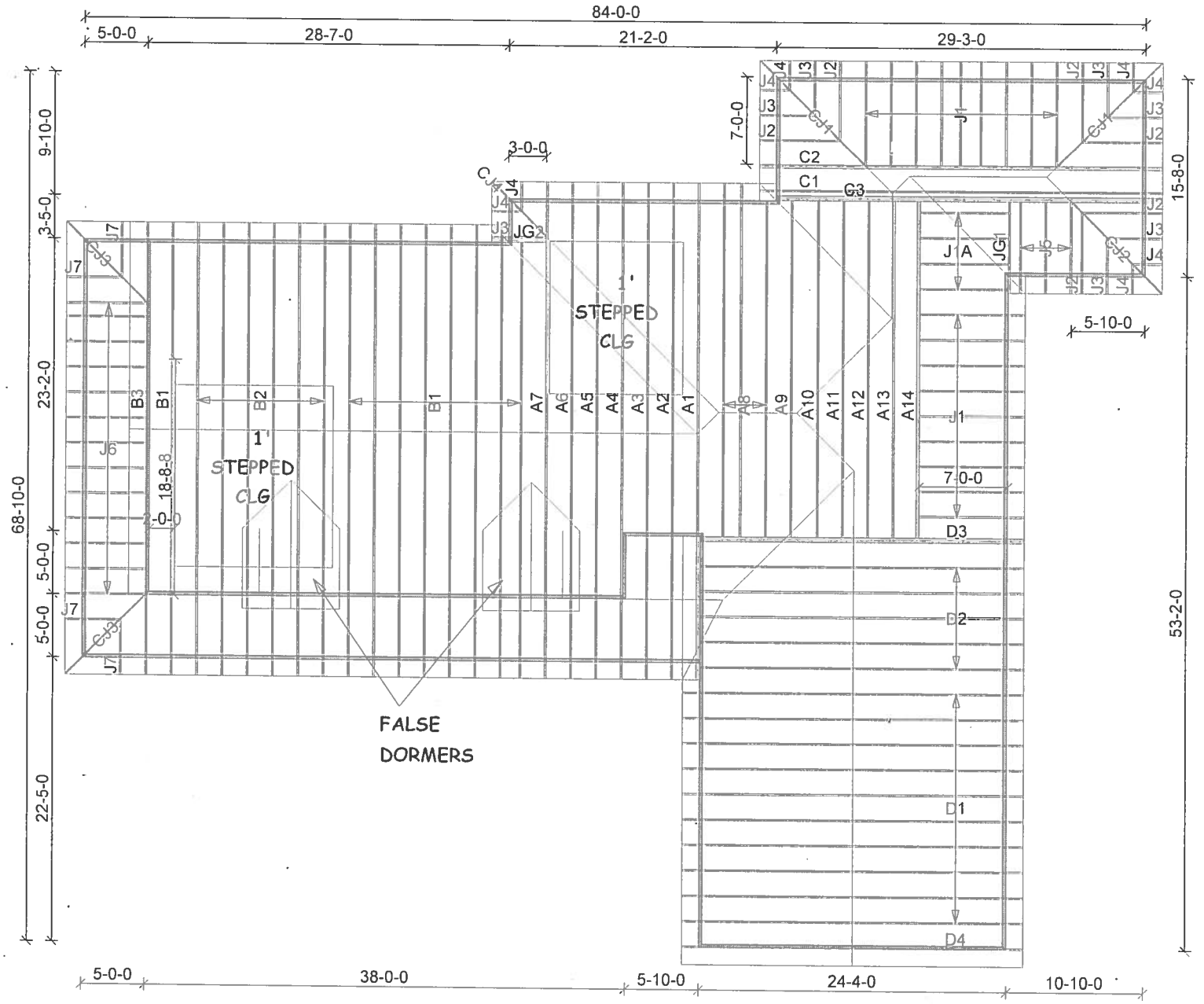


Mayo Truss Co. Inc.
845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-558-6262

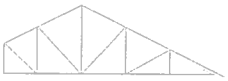
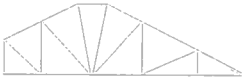
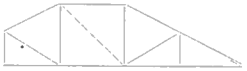
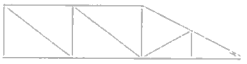
HAS BUILDERS

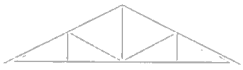
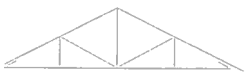
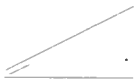
RIVER RISE SPEC

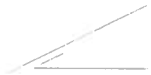
110 MPH ASCE WIND LOAD (FBC2004)

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: CONTRACTORS
Job: HAS-RIVERRISE
Designer: A. HIGHSMITH
Checker: M.MURRAY
Date: 08-29-06

Qty	Plys	Truss Type	Mark	Reactions Horizontal	Vertical	Uplift	Sketch
1	1	SP	HAS-RIVERRISE/ A1	152	274	46	
					1767	237	
				159	1055	143	
1	1	SP	HAS-RIVERRISE/ A2	151	183	53	
					1893	258	
				158	1019	137	
1	1	SP	HAS-RIVERRISE/ A3	150	189	49	
					1885	256	
				158	1021	138	
1	1	SP	HAS-RIVERRISE/ A4	150	209	50	
					1552	214	
				158	1334	180	
1	1	SP	HAS-RIVERRISE/ A5	150	187	49	
					1578	219	
				158	1331	179	
1	1	SP	HAS-RIVERRISE/ A6	150	113	50	
					1663	232	
				158	1319	177	
1	1	SP	HAS-RIVERRISE/ A7	150	134	44	
					1750	248	
				157	2370	317	
3	1	SP	HAS-RIVERRISE/ A8	228	1063	143	
				159	1148	154	
1	1	SP	HAS-RIVERRISE/ A9	228	1063	143	
				159	1063	139	
1	1	SP	HAS-RIVERRISE/ A10	212	1063	143	
				142	1063	139	
1	1	SP	HAS-RIVERRISE/ A11	191	1063	143	
				122	1063	139	
1	1	HHIP	HAS-RIVERRISE/ A12	203	1063	147	
				95	1063	136	
1	1	FLAT	HAS-RIVERRISE/ A13	156	1063	141	
				156	1063	141	
1	2	FLAT	HAS-RIVERRISE/ A14	114	2392	318	
				114	2392	318	
9	1	PCH3	HAS-RIVERRISE/ B1	147	280	108	
					1334	237	
				156	1209	163	

Qty	Plys	Truss Type	Mark	Reactions Horizontal	Vertical	Uplift	Sketch
			HAS-RIVERRISE/				
6	1	SP	B2	148	92	84	
					1663	217	
				156	1158	158	
			HAS-RIVERRISE/				
1	1	PCH3	B3	136	361	110	
				147	4290	619	
			HAS-RIVERRISE/				
1	1	SP	C1	92	1255	170	
				92	1255	170	
			HAS-RIVERRISE/				
1	2	HIPP	C2	70	2574	348	
				70	2574	348	
			HAS-RIVERRISE/				
1	3	SP	C3	91	7292	975	
				92	3975	533	
			HAS-RIVERRISE/				
2	1	MONO	CJ1	46	394	63	
					345	6	
				130	248	86	
			HAS-RIVERRISE/				
1	1	MONO	CJ2	38	298	58	
					231	3	
				96	170	57	
			HAS-RIVERRISE/				
2	1	MONO	CJ3	14	245	173	
				35	268	140	
			HAS-RIVERRISE/				
1	1	JCA2	CJ4	16	157		
					59	23	
				11	38		
			HAS-RIVERRISE/				
10	1	TR	D1	118	1058	144	
				118	1058	144	
			HAS-RIVERRISE/				
5	1	TR	D2	118	973	129	
				118	1058	144	
			HAS-RIVERRISE/				
1	3	TR	D3	119	7019	935	
				118	5435	727	
			HAS-RIVERRISE/				
1	1	TR	D4		1946 Continuous Brg		
			HAS-RIVERRISE/				
18	1	JCA2	J1	107	361	16	
					194	86	
				73	130		
			HAS-RIVERRISE/				
4	1	JCA2	J1A	107	275	1	
					194	86	
				73	130		

Qty	Plys	Truss Type	Mark	Reactions Horizontal	Vertical	Uplift	Sketch
			HAS-RIVERRISE/				
6	1	JCA2	J2	76	280		
					140	63	
				52	92		
			HAS-RIVERRISE/				
7	1	JCA2	J3	45	200		
					87	40	
				31	54		
			HAS-RIVERRISE/				
8	1	JCA2	J4	15	111	30	
				10	39	19	
					19		
			HAS-RIVERRISE/				
3	1	JCA2	J5	89	314	14	
					163	72	
				60	108		
			HAS-RIVERRISE/				
13	1	SP	J6	20	285	124	
				42	199	86	
			HAS-RIVERRISE/				
4	1	SP	J7	23	207	92	
					49	19	
				14	77	33	
			HAS-RIVERRISE/				
1	1	MONO	JG1	41	597	73	
				102	521	79	
			HAS-RIVERRISE/				
1	1	MONO	JG2	20	1089	141	
				51	1013	142	

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: HAS-RIVERRISE - RIVER RISE SPEC

Standard Loading:

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

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

Engineering Index Sheet

Index Page 1 of 1

ANSI/ASCE 7-02
Wind Speed - 110 MPH
Mean Roof Ht - 15 FT
Exposure Catergory - B
Occupancy Factor - 1 00
MWFRS
Enclosed

Job Number	Date	FBC - 2004 Chapter 16 and 23	Specification Quantity
T06082945	08/28/2006		38

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 1-2002, 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	08/28/06	A1	2	08/28/06	A2	3	08/28/06	A3	4	08/28/06	A4
5	08/28/06	A5	6	08/28/06	A6	7	08/28/06	A7	8	08/28/06	A8
9	08/28/06	A9	10	08/28/06	A10	11	08/28/06	A11	12	08/28/06	A12
13	08/28/06	A13	14	08/28/06	A14	15	08/28/06	B1	16	08/28/06	B2
17	08/28/06	B3	18	08/28/06	C1	19	08/28/06	C2	20	08/28/06	C3
21	08/28/06	CJ1	22	08/28/06	CJ2	23	08/28/06	CJ3	24	08/28/06	CJ4
25	08/28/06	D1	26	08/28/06	D2	27	08/28/06	D3	28	08/28/06	D4
29	08/28/06	J1	30	08/28/06	J1A	31	08/28/06	J2	32	08/28/06	J3
33	08/28/06	J4	34	08/28/06	J5	35	08/28/06	J6	36	08/28/06	J7
37	08/28/06	JG1	38	08/28/06	JG2						

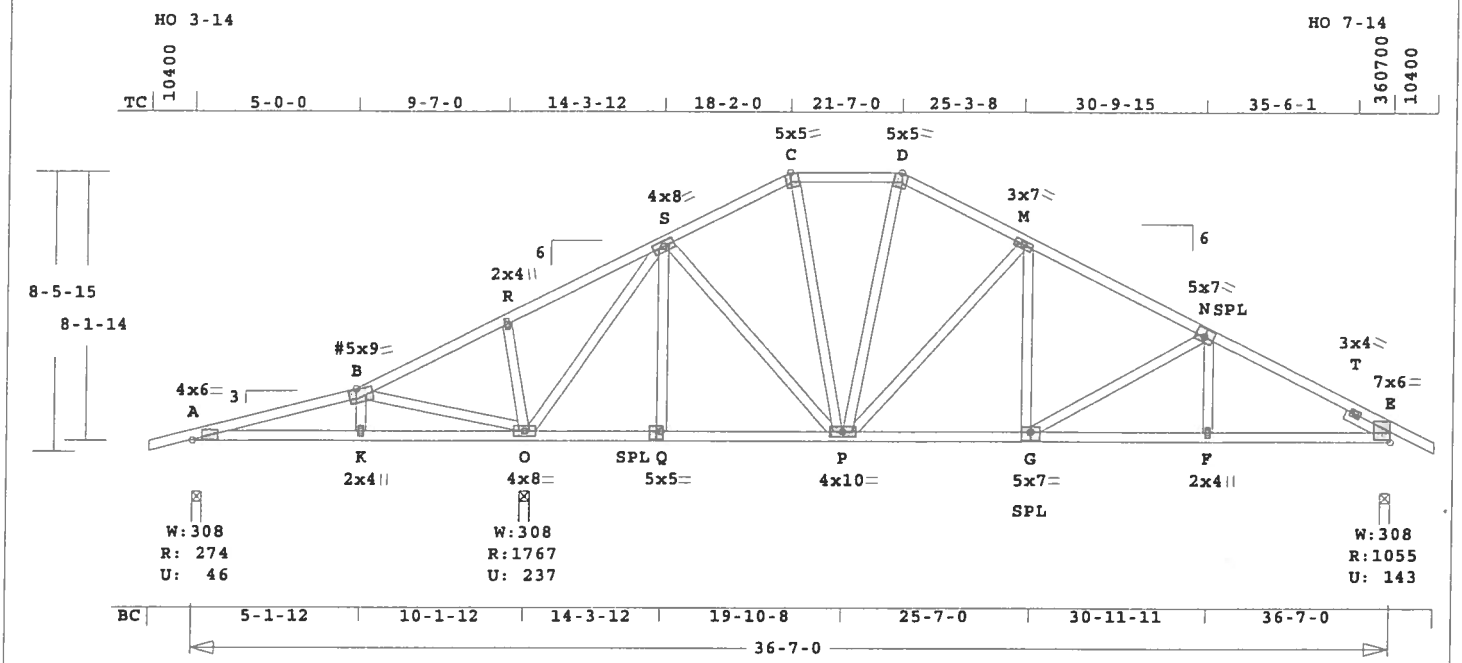
Truss Design Engineer: Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682

VUONG PHAN LICENSE No. 62111 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A1	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 280.5 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.51	2x 4	SP-#2
WB	0.95	2x 4	SP-#2
SL	0.06	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	36- 7- 0
BC Cont.	0- 0- 0	36- 7- 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
A	275	46	3- 8	1- 8
		Hz =	-151	
O	1768	238	3- 8	1-14
E	1055	144	3- 8	1- 8
		Hz =	160	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.18	57	T	0.00	0.18
B -R	0.35	584	T	0.10	0.25
R -S	0.34	629	T	0.09	0.25
S -C	0.16	682	C	0.00	0.16
C -D	0.08	623	C	0.00	0.08
D -M	0.25	685	C	0.00	0.25
M -N	0.25	1109	C	0.00	0.25
N -T	0.34	1470	C	0.01	0.33
T -E	0.33	945	C	0.00	0.33
Bottom Chords					
A -K	0.15	112	T	0.00	0.15
K -O	0.14	107	T	0.00	0.14
O -Q	0.15	293	T	0.02	0.13
Q -P	0.19	293	T	0.02	0.17
P -G	0.27	995	T	0.10	0.17
G -F	0.32	1306	T	0.21	0.11
F -E	0.51	1306	T	0.21	0.30
Webs					
K -B	0.03	217	T		
B -O	0.18	550	C		
R -O	0.05	288	C		
O -S	0.95	1527	C		
Q -S	0.02	181	T		
S -P	0.08	454	T		
C -P	0.02	150	T		
P -D	0.02	158	T		
P -M	0.45	575	C		
G -M	0.05	362	T		
G -N	0.17	357	C		
F -N	0.02	179	T		
Sliders					
T -E	0.06	692	C		

TL Defl -0.12" in G -F L/999
LL Defl -0.06" in G -F L/999
Shear // Grain in T -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	4.0x 6.0	Ctr	0.1	0.86
B#	LOCK	5.0x 9.0	1.7	1.2	0.71
R	LOCK	2.0x 4.0	Ctr	Ctr	0.45
S	LOCK	4.0x 8.0	Ctr	Ctr	0.79
C	LOCK	5.0x 5.0	0.7-3.0		0.65
D	LOCK	5.0x 5.0	-0.7-3.0		0.65
M	LOCK	3.0x 7.0	Ctr	Ctr	0.45
N	LOCK	5.0x 7.0	0.2	0.5	0.74
T	LOCK	3.0x 4.0	Ctr	Ctr	0.60
E	LOCK	7.0x 6.0	-3.0	0.6	0.86
K	LOCK	2.0x 4.0	Ctr	Ctr	0.45
O	LOCK	4.0x 8.0	Ctr	Ctr	0.68
Q	LOCK	5.0x 5.0	Ctr	-0.5	0.76
P	LOCK	4.0x10.0	Ctr	Ctr	0.60
G	LOCK	5.0x 7.0	Ctr	-0.5	0.76
F	LOCK	2.0x 4.0	Ctr	Ctr	0.45

= Plate Monitor used

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

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

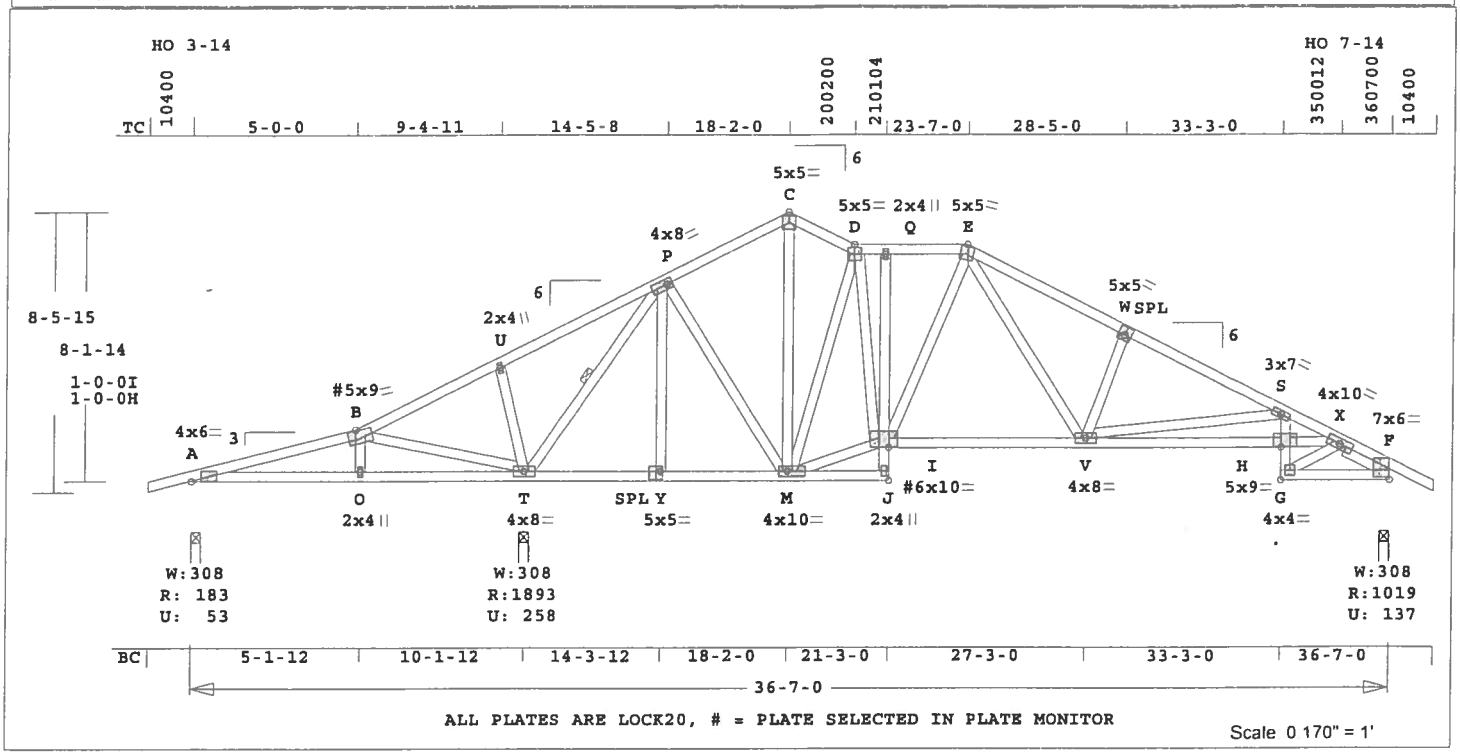
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1527 Lbs
Quality Control Factor 1.25

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

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A2	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 313.5 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	Size	Lumber
TC	0.39	2x 4	SP-#2
BC	0.59	2x 4	SP-#2
CW	0.42	2x 4	SP-#2
WB	0.57	2x 4	SP-#2
SL	0.06	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	36- 7- 0
BC Cont.		0- 0- 0	36- 7- 0

WB 1 rows CLB on T -P
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
A	184	53	3- 8	1- 8
			Hz = -150	
T	1894	258	3- 8	2- 0
F	1020	138	3- 8	1- 8
			Hz = 159	

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -B	0.23	314	T	0.05 0.18
B -U	0.39	836	T	0.14 0.25
U -P	0.38	900	T	0.13 0.25
P -C	0.17	517	C	0.00 0.17
C -D	0.07	491	C	0.00 0.07
D -Q	0.09	808	C	0.00 0.09
Q -E	0.07	812	C	0.00 0.07
E -W	0.27	1431	C	0.01 0.26
W -S	0.27	1536	C	0.01 0.26
S -X	0.13	2687	C	0.05 0.08
X -F	0.05	652	C	0.00 0.05
Bottom Chords				
A -O	0.17	299	C	0.00 0.17
O -T	0.16	311	C	0.00 0.16
T -Y	0.15	159	T	0.01 0.14
Y -M	0.09	159	T	0.01 0.08
M -J	0.08	45	C	0.00 0.08
I -V	0.33	893	T	0.09 0.24
V -H	0.59	2524	T	0.42 0.17
G -F	0.20	984	T	0.16 0.04
Chord-Webs				
J -I	0.07	40	T	0.00 0.07
I -Q	0.05	35	T	0.00 0.05
G -H	0.42	494	T	0.09 0.33
H -S	0.31	497	T	0.09 0.22
Webs				
O -B	0.03	221	T	
B -T	0.14	435	C	
U -T	0.04	283	C	
T -P	0.31	1719	C	1 Br
Y -P	0.02	140	T	
P -M	0.10	544	T	
M -C	0.06	252	T	
M -D	0.57	913	C	
M -I	0.14	765	T	
D -I	0.09	535	T	
I -E	0.09	198	C	
E -V	0.13	717	T	
V -W	0.05	302	C	
V -S	0.54	1150	C	
H -X	0.41	2246	T	
G -X	0.09	944	C	
Sliders				
X -F	0.06	661	C	

TL Defl -0.24" in V -H L/999
LL Defl -0.11" in V -H L/999
Shear // Grain in G -H 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.86
B#	LOCK	5.0x 9.0	1.7	1.2	0.71
U	LOCK	2.0x 4.0	Ctr	Ctr	0.45
P	LOCK	4.0x 8.0	Ctr	Ctr	0.89
C	LOCK	5.0x 5.0	Ctr	Ctr	0.68
D	LOCK	5.0x 5.0	Ctr	Ctr	0.91
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.40
E	LOCK	5.0x 5.0	-0.3	-3.2	0.79
W	LOCK	5.0x 5.0	0.2	0.5	0.74
S	LOCK	3.0x 7.0	Ctr	Ctr	0.37
X	LOCK	4.0x10.0	Ctr	Ctr	0.93
F	LOCK	7.0x 6.0	-3.0	0.6	0.86
O	LOCK	2.0x 4.0	Ctr	Ctr	0.45
T	LOCK	4.0x 8.0	Ctr	Ctr	0.69
Y	LOCK	5.0x 5.0	Ctr	-0.5	0.76
M	LOCK	4.0x10.0	Ctr	Ctr	0.56
J	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I#	LOCK	6.0x10.0	-0.1	1.3	0.66
V	LOCK	4.0x 8.0	Ctr	Ctr	0.67
H	LOCK	5.0x 9.0	Ctr	0.8	0.65
G	LOCK	4.0x 4.0	Ctr	Ctr	0.85

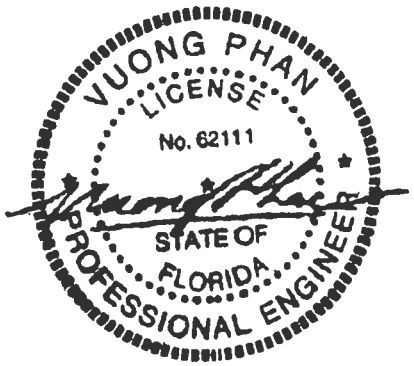
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00

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



Date Sealed 8/28/2006

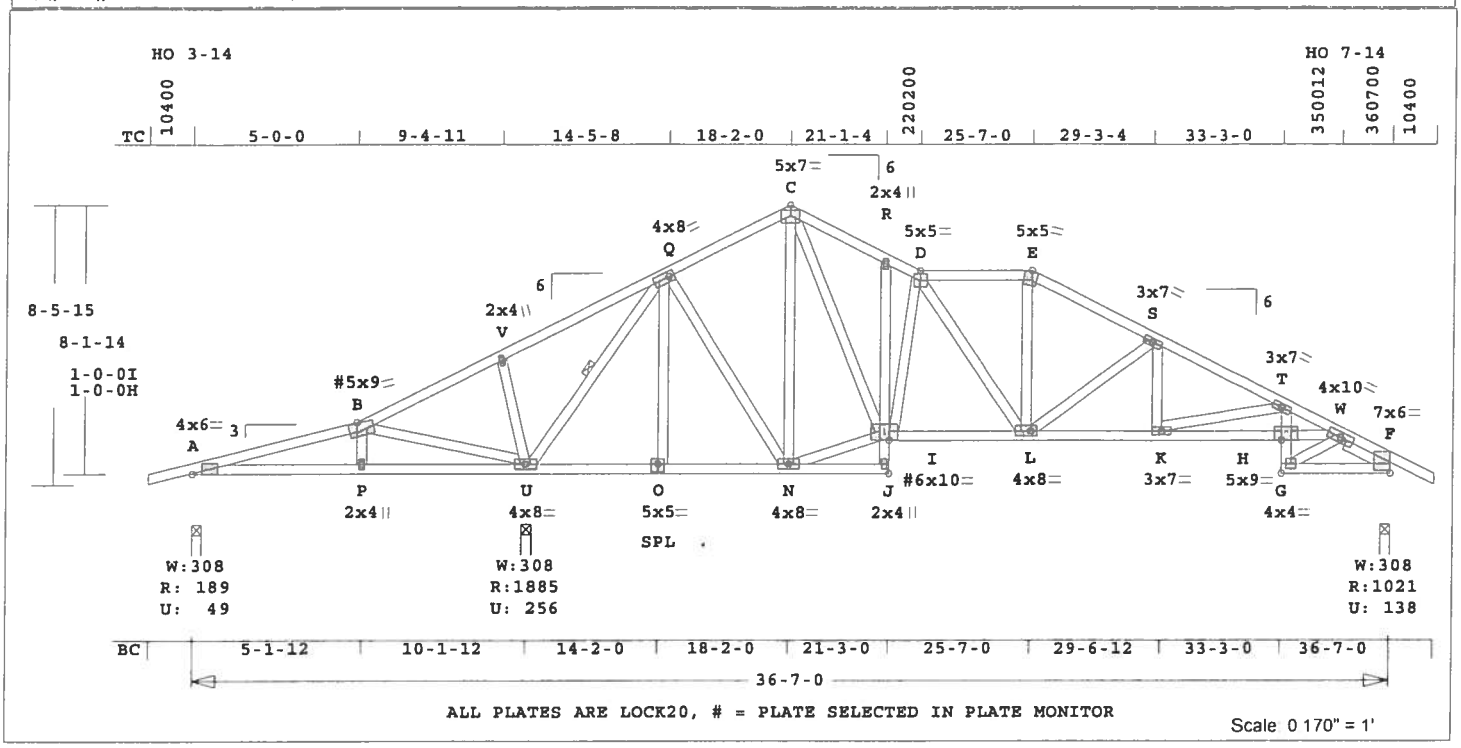
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A2	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC

Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 2687 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A3	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 310.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	Size	Lumber
TC	0.39	2x 4	SP-#2
BC	0.57	2x 4	SP-#2
CW	0.45	2x 4	SP-#2
WB	0.40	2x 4	SP-#2
SL	0.06	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	36- 7- 0
BC Cont.		0- 0- 0	36- 7- 0

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"

Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
A	189	49	3- 8	1- 8
			Hz =	-150
U	1886	256	3- 8	2- 0
F	1022	138	3- 8	1- 8
			Hz =	158

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -B	0.22	292	T	0.04 0.18
B -V	0.39	820	T	0.14 0.25
V -Q	0.38	884	T	0.13 0.25
Q -C	0.19	524	C	0.00 0.19
C -R	0.11	979	C	0.00 0.11
R -D	0.03	991	C	0.02 0.01
D -E	0.09	1106	C	0.00 0.09
E -S	0.16	1241	C	0.01 0.15
S -T	0.19	1760	C	0.02 0.17
T -W	0.13	2668	C	0.05 0.08
W -F	0.04	653	C	0.00 0.04
Bottom Chords				
A -P	0.17	278	C	0.00 0.17
P -U	0.16	289	C	0.00 0.16
U -O	0.15	168	T	0.01 0.14
O -N	0.09	168	T	0.01 0.08
N -J	0.08	21	T	0.00 0.08
I -L	0.23	1035	T	0.17 0.06
L -K	0.33	1585	T	0.26 0.07
K -H	0.57	2484	T	0.41 0.16
G -F	0.20	988	T	0.16 0.04
Chord-Webs				
J -I	0.04	39	T	0.00 0.04
I -R	0.05	90	C	0.00 0.05
G -H	0.45	488	T	0.09 0.36
H -T	0.26	461	T	0.08 0.18
Webs				
P -B	0.03	221	T	
B -U	0.14	443	C	
V -U	0.04	280	C	
U -Q	0.31	1710	C	1 Br
O -Q	0.02	139	T	
Q -N	0.09	529	T	
N -C	0.39	508	C	
N -I	0.08	468	T	
C -I	0.19	1059	T	
I -D	0.21	691	C	
D -L	0.02	124	T	
L -E	0.06	339	T	
L -S	0.17	593	C	
K -S	0.06	345	T	
K -T	0.19	924	C	
H -W	0.40	2212	T	
G -W	0.09	932	C	
Sliders				
W -F	0.06	666	C	

TL Defl -0.18" in K -H L/999
LL Defl -0.09" in K -H L/999
Shear // Grain in G -H 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	4.0x 6.0	Ctr	0.1	0.86
B#	LOCK	5.0x 9.0	1.6	1.1	0.71
V	LOCK	2.0x 4.0	Ctr	Ctr	0.45
Q	LOCK	4.0x 8.0	Ctr	Ctr	0.89
C	LOCK	5.0x 7.0	Ctr	-0.3	0.84
R	LOCK	2.0x 4.0	Ctr	Ctr	0.24
D	LOCK	5.0x 5.0	Ctr	Ctr	0.91
E	LOCK	5.0x 5.0	-0.7	-3.0	0.65
S	LOCK	3.0x 7.0	Ctr	Ctr	0.41
T	LOCK	3.0x 7.0	Ctr	Ctr	0.38
W	LOCK	4.0x10.0	Ctr	Ctr	0.91
F	LOCK	7.0x 6.0	-3.0	0.6	0.86
P	LOCK	2.0x 4.0	Ctr	Ctr	0.45
U	LOCK	4.0x 8.0	Ctr	Ctr	0.69
O	LOCK	5.0x 5.0	Ctr	-0.5	0.76
N	LOCK	4.0x 8.0	Ctr	Ctr	0.52
J	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I#	LOCK	6.0x10.0	-0.1	1.3	0.66
L	LOCK	4.0x 8.0	Ctr	Ctr	0.44
K	LOCK	3.0x 7.0	Ctr	Ctr	0.86
H	LOCK	5.0x 9.0	Ctr	0.8	0.65
G	LOCK	4.0x 4.0	Ctr	Ctr	0.85

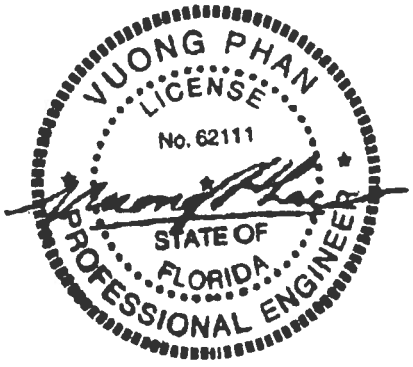
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0

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



Date Sealed: 8/28/2006

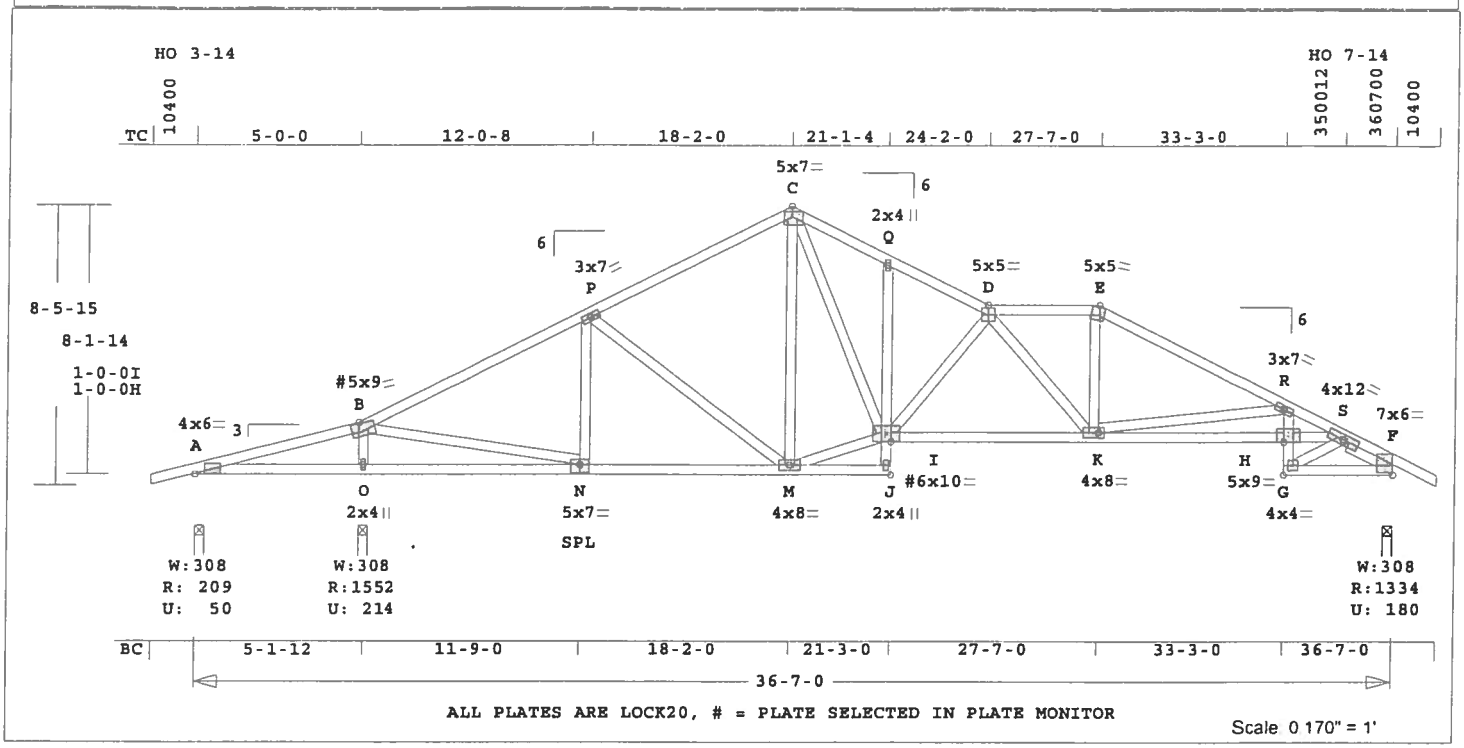
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A3	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC

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 2668 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A4	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



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

Scale: 0.170" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 279.7 LBS

PO Box 280055
Tampa, FL 33682

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	Size	Lumber
TC	0.44	2x 4	SP-#2
BC	0.81	2x 4	SP-#2
CW	0.61	2x 4	SP-#2
WB	0.65	2x 4	SP-#2
SL	0.08	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	36- 7- 0
BC Cont.	0- 0- 0	36- 7- 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
A	210	50	3- 8	1- 8
			Hz =	-150
O	1553	215	3- 8	1-10
F	1335	180	3- 8	1- 9
			Hz =	158

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -B	0.29	251 T	0.04	0.25
B -P	0.43	1551 C	0.01	0.42
P -C	0.39	1351 C	0.01	0.38
C -Q	0.21	1972 C	0.02	0.19
Q -D	0.16	1987 C	0.02	0.14
D -E	0.13	2086 C	0.02	0.11
E -R	0.44	2325 C	0.07	0.37
R -S	0.20	3761 C	0.10	0.10
S -F	0.09	878 C	0.00	0.09
Bottom Chords				
A -O	0.28	249 C	0.00	0.28
O -N	0.28	135 C	0.00	0.28
N -M	0.35	1385 T	0.23	0.12
M -J	0.16	34 C	0.00	0.16
I -K	0.59	2394 T	0.40	0.19
K -H	0.81	3526 T	0.59	0.22
G -F	0.27	1327 T	0.22	0.05

Chord-Webs				
J -I	0.06	22 T	0.00	0.06
I -Q	0.08	151 C	0.00	0.08
G -H	0.61	646 T	0.11	0.50
H -R	0.39	620 T	0.11	0.28
Webs				
O -B	0.13	1361 C		
B -N	0.28	1545 T		
N -P	0.04	166 C		
P -M	0.17	232 C		
M -C	0.10	139 C		
M -I	0.22	1237 T		
C -I	0.26	1450 T		
I -D	0.28	948 C		
D -K	0.14	462 C		
K -E	0.13	745 T		
K -R	0.65	1457 C		
H -S	0.58	3143 T		
G -S	0.13	1249 C		
Sliders				
S -F	0.08	905 C		

TL Defl -0.35" in K -H L/999
LL Defl -0.17" in K -H L/999
Shear // Grain in G -H 0.31

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	0.86
B#	LOCK	5.0x 9.0	1.7	1.1	0.72
P	LOCK	3.0x 7.0	Ctr	Ctr	0.41
C	LOCK	5.0x 7.0	0.5-0.6		0.82
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.24
D	LOCK	5.0x 5.0	Ctr	Ctr	0.91
E	LOCK	5.0x 5.0	-0.7-3.0		0.65
R	LOCK	3.0x 7.0	Ctr	Ctr	0.43
S	LOCK	4.0x12.0	Ctr	Ctr	0.88
F	LOCK	7.0x 6.0	-3.0	0.6	0.86
O	LOCK	2.0x 4.0	Ctr	Ctr	0.45
N	LOCK	5.0x 7.0	Ctr	-0.5	0.76
M	LOCK	4.0x 8.0	Ctr	Ctr	0.52
J	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I#	LOCK	6.0x10.0	0.1	1.3	0.66
K	LOCK	4.0x 8.0	Ctr	Ctr	0.64
H	LOCK	5.0x 9.0	Ctr	0.8	0.65
G	LOCK	4.0x 4.0	Ctr	Ctr	0.85

\# = Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.

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

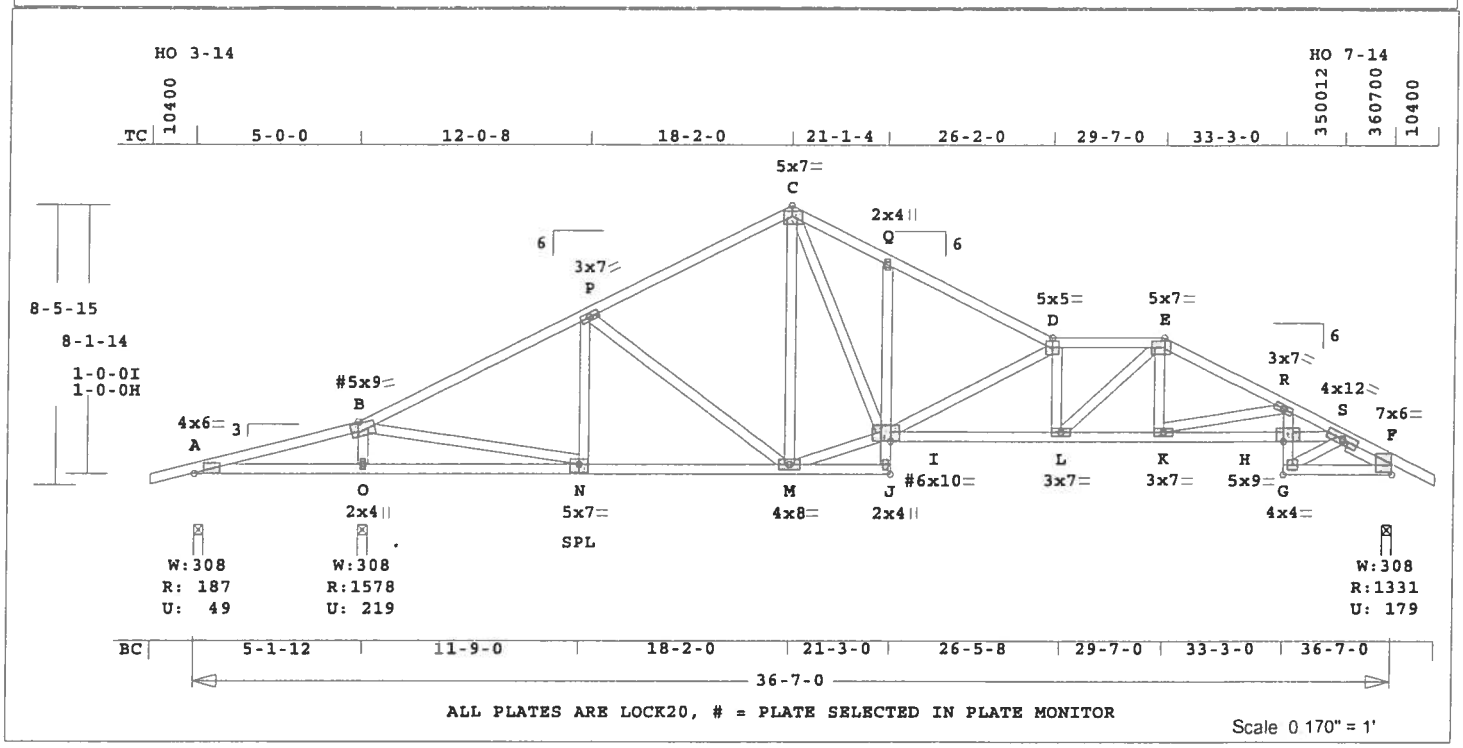
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3761 Lbs
Quality Control Factor 1.25

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

Date Scaled: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A5	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



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

Scale 0.170" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 279.0 LBS

Tampa, FL 33682

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.44	2x 4	SP-#2
BC	0.79	2x 4	SP-#2
CW	0.63	2x 4	SP-#2
WB	0.58	2x 4	SP-#2
SL	0.09	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	36- 7- 0
BC Cont.		0- 0- 0	36- 7- 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	187	50	3- 8	1- 8
			Hz =	-150
O	1579	219	3- 8	1-11
F	1331	180	3- 8	1- 9
			Hz =	158

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.31	339	T	0.05	0.26
B -P	0.44	1530	C	0.01	0.43
P -C	0.39	1341	C	0.01	0.38
C -Q	0.25	2005	C	0.02	0.23
Q -D	0.41	1991	C	0.04	0.37
D -E	0.41	2995	C	0.06	0.35
E -R	0.25	2609	C	0.05	0.20
R -S	0.23	3658	C	0.09	0.14
S -F	0.06	868	C	0.00	0.06
Bottom Chords					
A -O	0.29	334	C	0.00	0.29
O -N	0.29	218	C	0.00	0.29
N -M	0.34	1367	T	0.22	0.12
M -J	0.16	31	C	0.00	0.16
I -L	0.61	3014	T	0.50	0.11
L -K	0.48	2336	T	0.39	0.09
K -H	0.79	3391	T	0.56	0.23
G -F	0.27	1343	T	0.22	0.05
Chord-Webs					
J -I	0.05	22	T	0.00	0.05
I -Q	0.11	277	C	0.01	0.10
G -H	0.63	653	T	0.12	0.51
H -R	0.35	598	T	0.11	0.24
Webs					
O -B	0.13	1384	C		
B -N	0.29	1611	T		
N -P	0.05	179	C		
P -M	0.16	221	C		
M -C	0.11	147	C		
M -I	0.22	1243	T		
C -I	0.27	1507	T		
I -D	0.58	1373	C		
L -D	0.06	531	C		
L -E	0.16	882	T		
K -E	0.07	383	T		
K -R	0.22	1069	C		
H -S	0.55	3020	T		
G -S	0.13	1261	C		
Sliders					
S -F	0.09	930	C		

TL Defl -0.39" in I -L L/942
LL Defl -0.19" in I -L L/999
Shear // Grain in G -H 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	0.1	0.86
B#	LOCK	5.0x 9.0	1.7	1.0	0.75
P	LOCK	3.0x 7.0	Ctr	Ctr	0.41
C	LOCK	5.0x 7.0	0.5	-0.6	0.85
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.24
D	LOCK	5.0x 5.0	Ctr	Ctr	0.91
E	LOCK	5.0x 7.0	0.5	-0.1	0.96
R	LOCK	3.0x 7.0	Ctr	Ctr	0.38
S	LOCK	4.0x12.0	Ctr	Ctr	0.85
F	LOCK	7.0x 6.0	-3.0	0.6	0.86
O	LOCK	2.0x 4.0	Ctr	Ctr	0.45
N	LOCK	5.0x 7.0	Ctr	-0.5	0.76
M	LOCK	4.0x 8.0	Ctr	Ctr	0.52
J	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I#	LOCK	6.0x10.0	0.1	1.4	0.67
L	LOCK	3.0x 7.0	Ctr	Ctr	0.45
K	LOCK	3.0x 7.0	Ctr	Ctr	0.86
H	LOCK	5.0x 9.0	Ctr	0.8	0.65
G	LOCK	4.0x 4.0	Ctr	Ctr	0.85

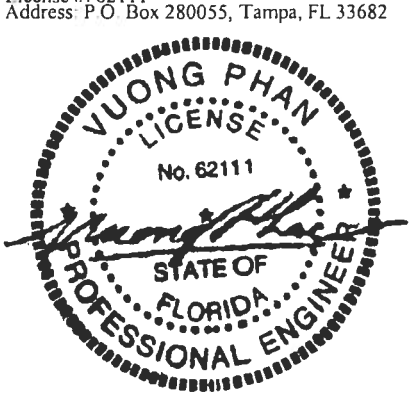
= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 3658 Lbs
Quality Control Factor 1.25

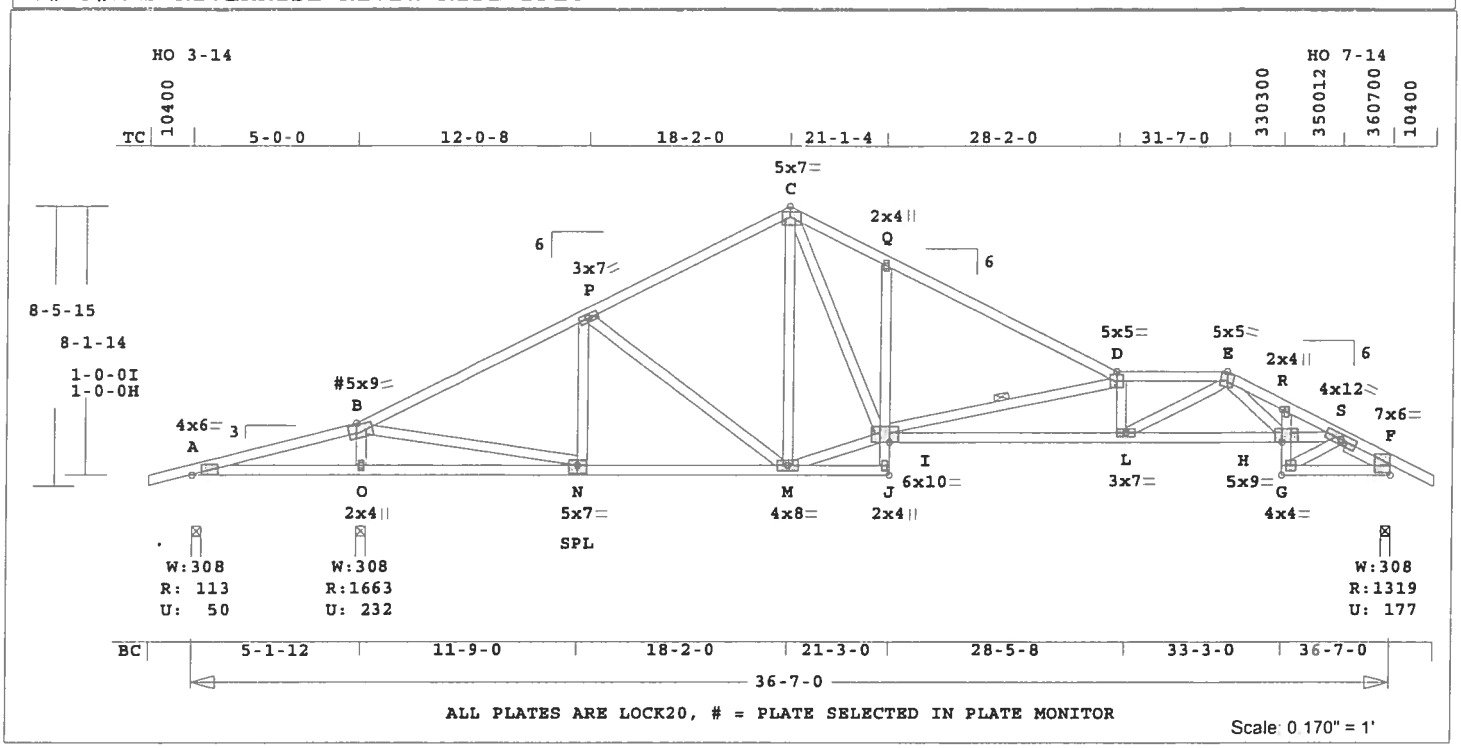
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A6	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



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

Scale: 0.170" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 271.8 LBS
Tampa, FL 33682

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	Size	Lumber
TC	0.85	2x 4	SP-#2
BC	0.88	2x 4	SP-#2
CW	0.51	2x 4	SP-#2
WB	0.57	2x 4	SP-#2
SL	0.09	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	36- 7- 0
BC	Cont.	0- 0- 0	36- 7- 0

WB 1 rows CLB on I -D
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
A	114	50	3- 8	1- 8
			Hz =	-150
O	1664	232	3- 8	1-12
F	1319	178	3- 8	1- 9
			Hz =	159

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -B	0.37	622	T	0.10 0.27
B -P	0.47	1461	C	0.01 0.46
P -C	0.39	1310	C	0.01 0.38
C -Q	0.55	2041	C	0.02 0.53
Q -D	0.85	1995	C	0.09 0.76
D -E	0.68	4069	C	0.11 0.57
E -R	0.31	3917	C	0.10 0.21
R -S	0.22	3692	C	0.09 0.13
S -F	0.06	859	C	0.00 0.06
Bottom Chords				
A -O	0.31	609	C	0.00 0.31
O -N	0.31	487	C	0.00 0.31
N -M	0.34	1304	T	0.21 0.13
M -J	0.17	109	C	0.00 0.17
I -L	0.88	4109	T	0.69 0.19
L -H	0.55	2490	T	0.41 0.14
G -F	0.27	1329	T	0.22 0.05
Chord-Webs				
J -I	0.19	21	T	0.00 0.19
I -Q	0.17	416	C	0.02 0.15
G -H	0.51	677	T	0.12 0.39
H -R	0.37	225	C	0.00 0.37
Webs				
O -B	0.14	1460	C	
B -N	0.33	1821	T	
N -P	0.06	221	C	
P -M	0.13	179	C	
M -C	0.13	178	C	
M -I	0.23	1269	T	
C -I	0.29	1599	T	
I -D	0.46	2364	C	1 Br
L -D	0.06	678	C	
L -E	0.32	1761	T	
E -H	0.24	1348	T	
H -S	0.57	3111	T	
G -S	0.13	1311	C	
Sliders				
S -F	0.09	920	C	

TL Defl -0.62" in I -L L/599
LL Defl -0.29" in I -L L/999
Shear // Grain in Q -D 0.31

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	0.86
B#	LOCK	5.0x 9.0	1.5	0.9	0.76
P	LOCK	3.0x 7.0	Ctr	Ctr	0.41
C	LOCK	5.0x 7.0	0.5-0.6		0.90
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.24
D	LOCK	5.0x 5.0	Ctr	Ctr	0.91
E	LOCK	5.0x 5.0-0.3-3.2			0.84
R	LOCK	2.0x 4.0	Ctr	Ctr	0.24
S	LOCK	4.0x12.0	Ctr	Ctr	0.87
F	LOCK	7.0x 6.0-3.0	0.6		0.86
O	LOCK	2.0x 4.0	Ctr	Ctr	0.45
N	LOCK	5.0x 7.0	Ctr-0.5		0.76
M	LOCK	4.0x 8.0	Ctr	Ctr	0.52
J	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I	LOCK	6.0x10.0	Ctr	1.2	0.69
L	LOCK	3.0x 7.0	Ctr	Ctr	0.59
H	LOCK	5.0x 9.0	Ctr	2.5	0.65
G	LOCK	4.0x 4.0	Ctr	Ctr	0.85

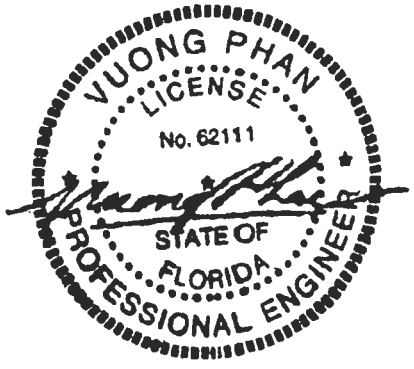
= Plate Monitor used

REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 4069 Lbs
Quality Control Factor 1.25

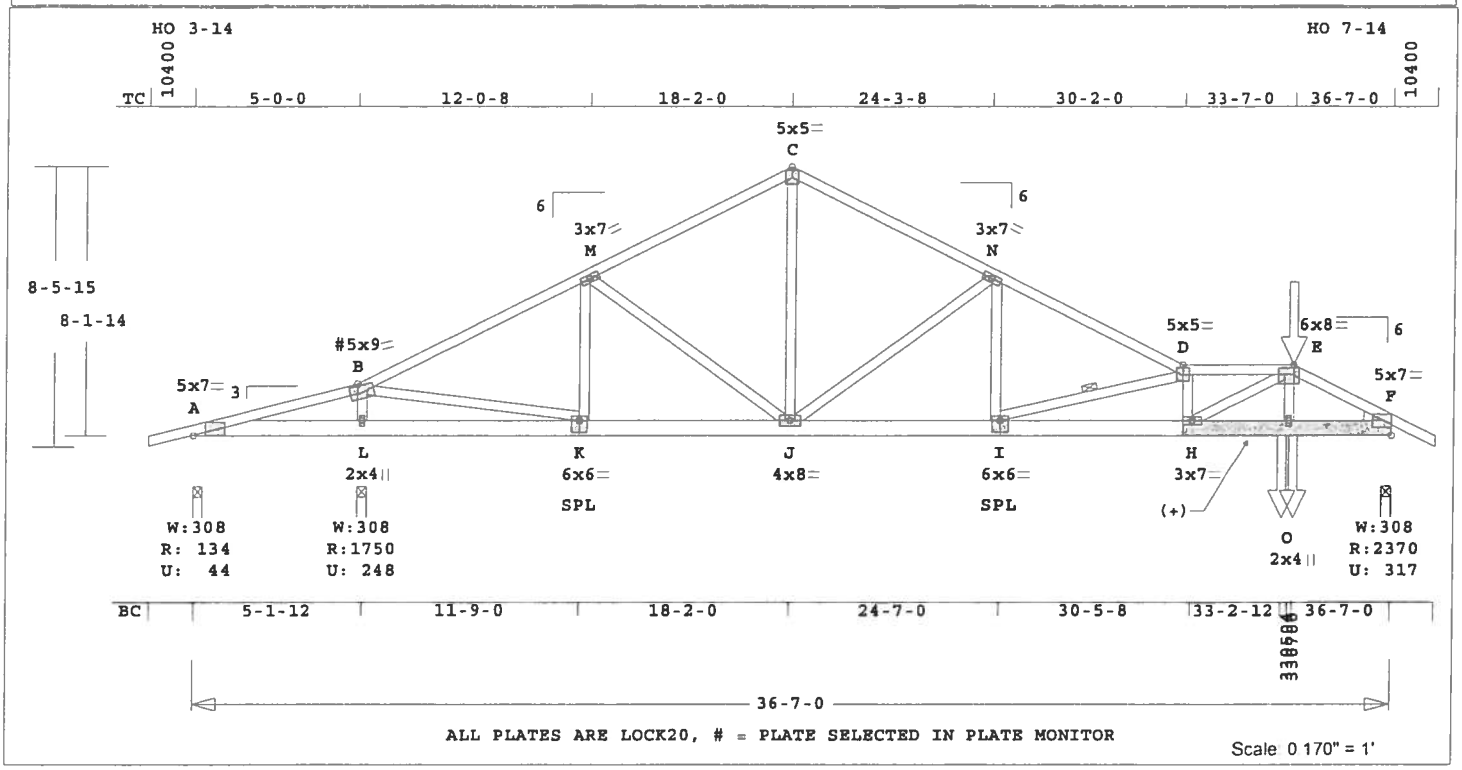
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
HAS-RIVERRISE	A7	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 299.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.81	2x 4	SP-#2
BC	0.96	2x 6	SP-#2
WB	1.00	2x 4	SP-#2
PB	---	2x 4	SP-#2
(+)SCB	(1)	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	36- 7- 0
BC Cont.		0- 0- 0	36- 7- 0

WB 1 rows CLB on I -D
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=1.00	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'	36.6'
BC V	0	20	0.0'	36.6'
TC V	10	5	33.2'	33.6'
BC V	0	5	33.2'	33.6'
BC V	527	527	33.2'	CL-LB
BC V	19	19	33.6'	CL-LB
TC V	30	30	33.6'	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	135	45	3- 8	1- 8
			Hz =	-150
L	1751	248	3- 8	1-14
F	2370	317	3- 8	2-13
			Hz =	158

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -B	0.31	475	T	0.09	0.22
B -M	0.51	1666	C	0.02	0.49
M -C	0.42	1544	C	0.02	0.40
C -N	0.59	1550	C	0.02	0.57
N -D	0.81	2732	C	0.11	0.70
D -E	0.51	4934	C	0.20	0.31
E -F	0.46	3778	C	0.12	0.34
--------Bottom Chords---------					
A -L	0.31	473	C	0.00	0.31
L -K	0.31	341	C	0.00	0.31
K -J	0.28	1487	T	0.19	0.09
J -I	0.44	2477	T	0.33	0.11
I -H	0.96	4985	T	0.66	0.30
H -O	0.62	3306	T	0.44	0.18
O -F	0.78	3357	T	0.44	0.34
-------------Webs-------------					
L -B	0.13	1454	C		
B -K	0.34	1855	T		
K -M	0.06	248	C		
M -J	0.10	138	C		
J -C	0.19	1031	T		
J -N	1.00	1369	C		
I -N	0.16	914	T		
I -D	0.38	2603	C		1 Br
H -D	0.08	835	C		
H -E	0.34	1846	T		
O -E	0.13	789	T		

TL Defl -0.45" in I -H L/825
LL Defl -0.22" in I -H L/999
Shear // Grain in N -D 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	8.0	2.2	0.81
B#	LOCK	5.0x	9.0	1.7	0.7	0.81
M	LOCK	3.0x	7.0	Ctr	Ctr	0.41
C	LOCK	5.0x	5.0	Ctr	Ctr	0.68
N	LOCK	3.0x	7.0	Ctr	Ctr	0.67
D	LOCK	5.0x	5.0	Ctr	Ctr	0.94
E	LOCK	6.0x	8.0	Ctr	-0.6	0.96
F	LOCK	5.0x	7.0	-2.0	0.6	0.98
L	LOCK	2.0x	4.0	Ctr	Ctr	0.45
K	LOCK	6.0x	6.0	Ctr	-1.2	0.78
J	LOCK	4.0x	8.0	Ctr	Ctr	0.48
I	LOCK	6.0x	6.0	Ctr	-1.2	0.99
H	LOCK	3.0x	7.0	Ctr	Ctr	0.61
O	LOCK	2.0x	4.0	Ctr	Ctr	0.85

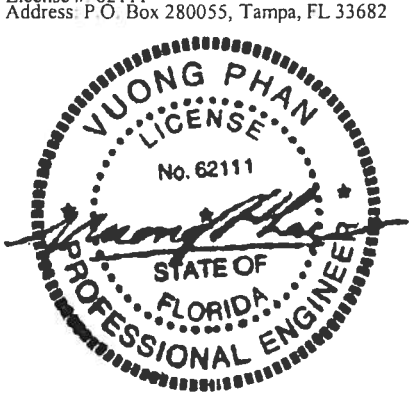
= Plate Monitor used

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
(+) Fasten each scab with 2 row(s) of 10d nails at 3 In o.c. along entire length.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
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 4934 Lbs

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



Date Scaled: 8/28/2006

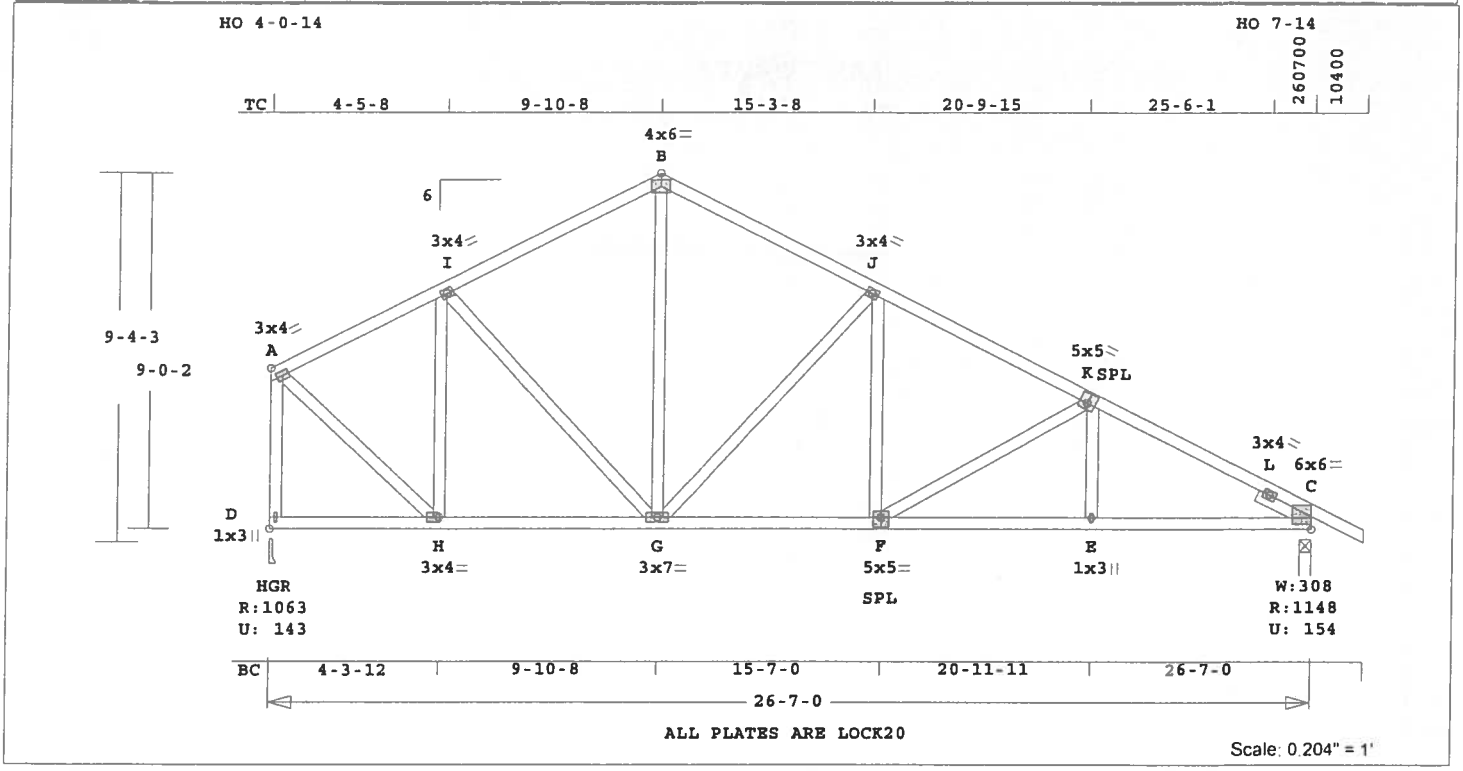
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A7	1	SP	360700	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A8	3	SP	260700	6	0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 212.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.39	2x 4	SP-#2
BC	0.59	2x 4	SP-#2
WB	0.49	2x 4	SP-#2
SL	0.07	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	26- 7- 0
BC Cont.	0- 0- 0	26- 7- 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	1063	144	3- 8	1- 8
			Hz =	-228
C	1149	155	3- 8	1- 8
			Hz =	159

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.26	716	C	0.00	0.26
I -B	0.26	853	C	0.00	0.26
B -J	0.32	855	C	0.00	0.32
J -K	0.33	1306	C	0.01	0.32
K -L	0.39	1645	C	0.01	0.38
L -C	0.38	1052	C	0.00	0.38
Bottom Chords					
D -H	0.14	178	T	0.00	0.14
H -G	0.22	655	T	0.06	0.16
G -F	0.30	1176	T	0.19	0.11
F -E	0.35	1458	T	0.24	0.11
E -C	0.59	1458	T	0.24	0.35
Webs					
D -A	0.20	1029	C	WindLd	
A -H	0.16	890	T		
H -I	0.22	496	C		
I -G	0.04	151	T		
G -B	0.08	466	T		
G -J	0.49	610	C		
F -J	0.05	356	T		
F -K	0.16	324	C		
E -K	0.02	171	T		
Sliders					
L -C	0.07	770	C		

TL Defl -0.14" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in L -L 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

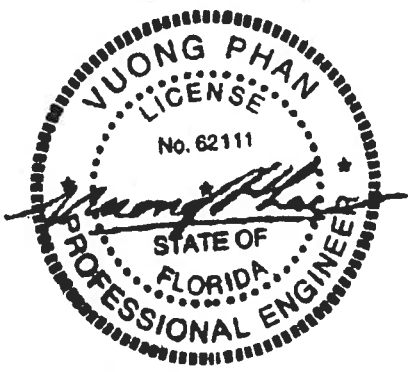
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.78
I	LOCK	3.0x 4.0	Ctr	Ctr	0.65
B	LOCK	4.0x 6.0	Ctr	Ctr	0.62
J	LOCK	3.0x 4.0	Ctr	Ctr	0.65
K	LOCK	5.0x 5.0	0.2	0.5	0.64
L	LOCK	3.0x 4.0	Ctr	Ctr	0.52
C	LOCK	6.0x 6.0	-3.0	0.7	0.95
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.58
G	LOCK	3.0x 7.0	Ctr	Ctr	0.51
F	LOCK	5.0x 5.0	Ctr	-0.5	0.65
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
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1645 Lbs
Quality Control Factor 1.25

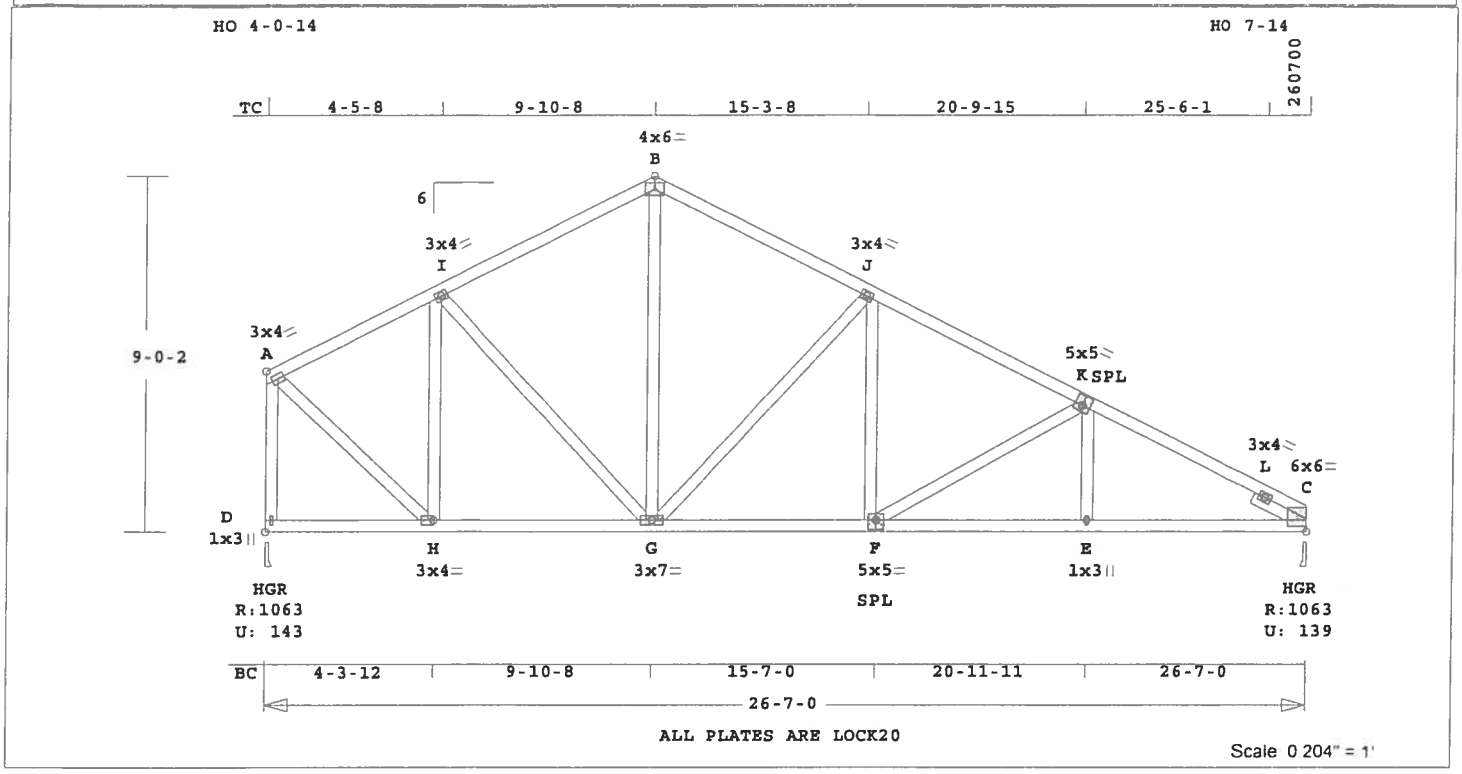
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
HAS-RIVERRISE	A9	1	SP	260700	6	0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 210.0 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.39	2x 4	SP-#2
BC	0.59	2x 4	SP-#2
WB	0.49	2x 4	SP-#2
SL	0.07	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	26- 7- 0
BC Cont.	0- 0- 0	26- 7- 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	Req'd In-Sx
D	1063	144	3- 8	1- 8
			Hz =	-228
C	1063	140	3- 8	1- 8
			Hz =	159

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.26	716 C	0.00		0.26
I -B	0.26	853 C	0.00		0.26
B -J	0.32	855 C	0.00		0.32
J -K	0.33	1306 C	0.01		0.32
K -L	0.39	1645 C	0.01		0.38
L -C	0.38	1052 C	0.00		0.38
Bottom Chords					
D -H	0.14	178 T	0.00		0.14
H -G	0.22	655 T	0.06		0.16
G -F	0.30	1177 T	0.19		0.11
F -E	0.35	1458 T	0.24		0.11
E -C	0.59	1458 T	0.24		0.35
Webs					
D -A	0.20	1029 C	WindLd		
A -H	0.16	890 T			
H -I	0.22	496 C			
I -G	0.04	151 T			
G -B	0.08	466 T			
G -J	0.49	610 C			
F -J	0.05	356 T			
F -K	0.16	324 C			
E -K	0.02	171 T			
Sliders					
L -C	0.07	770 C			

TL Defl -0.14" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in L -L 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

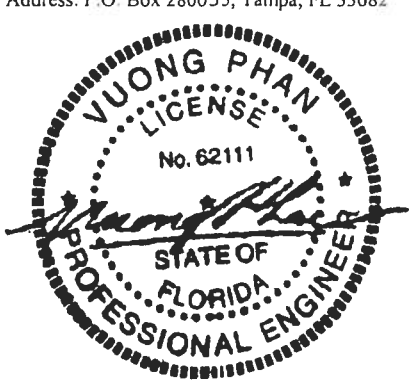
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.78
I	LOCK	3.0x 4.0	Ctr	Ctr	0.65
B	LOCK	4.0x 6.0	Ctr	Ctr	0.62
J	LOCK	3.0x 4.0	Ctr	Ctr	0.65
K	LOCK	5.0x 5.0	0.2	0.5	0.64
L	LOCK	3.0x 4.0	Ctr	Ctr	0.52
C	LOCK	6.0x 6.0	-3.0	0.7	0.95
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.58
G	LOCK	3.0x 7.0	Ctr	Ctr	0.51
F	LOCK	5.0x 5.0	Ctr	-0.5	0.65
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: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1645 Lbs
Quality Control Factor 1.25

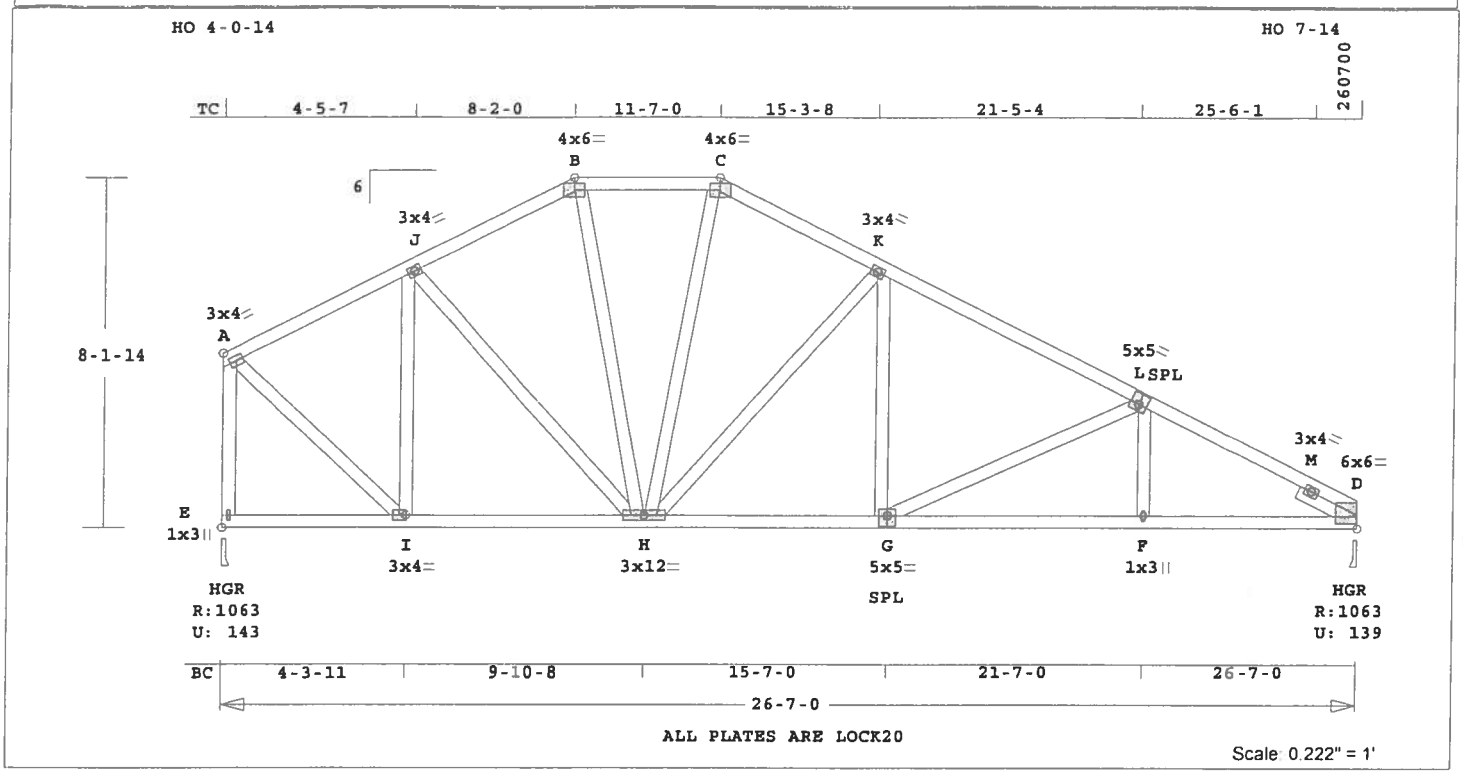
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A10	1	SP	260700	6	0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	Size	Lumber
TC	0.39	2x 4	SP-#2
BC	0.63	2x 4	SP-#2
WB	0.46	2x 4	SP-#2
SL	0.07	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	26- 7- 0
BC Cont.	0- 0- 0	26- 7- 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	1063	144	3- 8	1- 8
			Hz = -211	
D	1063	140	3- 8	1- 8
			Hz = 142	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -J	0.18	712 C	0.00		0.18
J -B	0.18	881 C	0.00		0.18
B -C	0.08	819 C	0.00		0.08
C -K	0.31	885 C	0.00		0.31
K -L	0.34	1310 C	0.02		0.32
L -M	0.39	1672 C	0.01		0.38
M -D	0.38	1094 C	0.00		0.38
Bottom Chords					
E -I	0.14	162 T	0.00		0.14
I -H	0.21	646 T	0.06		0.15
H -G	0.32	1178 T	0.19		0.13
G -F	0.38	1482 T	0.24		0.14
F -D	0.63	1482 T	0.24		0.39
Webs					
E -A	0.20	1029 C	WindLd		
A -I	0.16	879 T			
I -J	0.21	488 C			
J -H	0.03	197 T			
B -H	0.03	220 T			
H -C	0.03	231 T			
H -K	0.46	585 C			
G -K	0.05	357 T			
G -L	0.18	335 C			
F -L	0.02	168 T			
Sliders					
M -D	0.07	744 C			

TL Defl -0.16" in G -F L/999
LL Defl -0.07" in G -F L/999
Shear // Grain in M -M 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	0.78
J	LOCK	3.0x 4.0	Ctr	Ctr	0.65
B	LOCK	4.0x 6.0	Ctr	Ctr	0.97
C	LOCK	4.0x 6.0	Ctr	Ctr	0.97
K	LOCK	3.0x 4.0	Ctr	Ctr	0.65
L	LOCK	5.0x 5.0	0.2	0.5	0.64
M	LOCK	3.0x 4.0	Ctr	Ctr	0.52
D	LOCK	6.0x 6.0	-3.0	0.7	0.95
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81
I	LOCK	3.0x 4.0	Ctr	Ctr	0.58
H	LOCK	3.0x12.0	Ctr	Ctr	0.46
G	LOCK	5.0x 5.0	Ctr	-0.5	0.65
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81

REVIEWED BY:
Robbins Engineering, Inc.

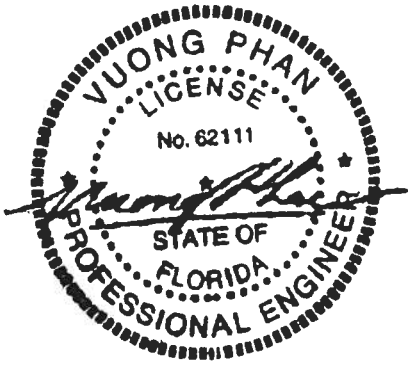
APPROX. TRUSS WEIGHT: 222.5 LBS

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: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1672 Lbs
Quality Control Factor 1.25

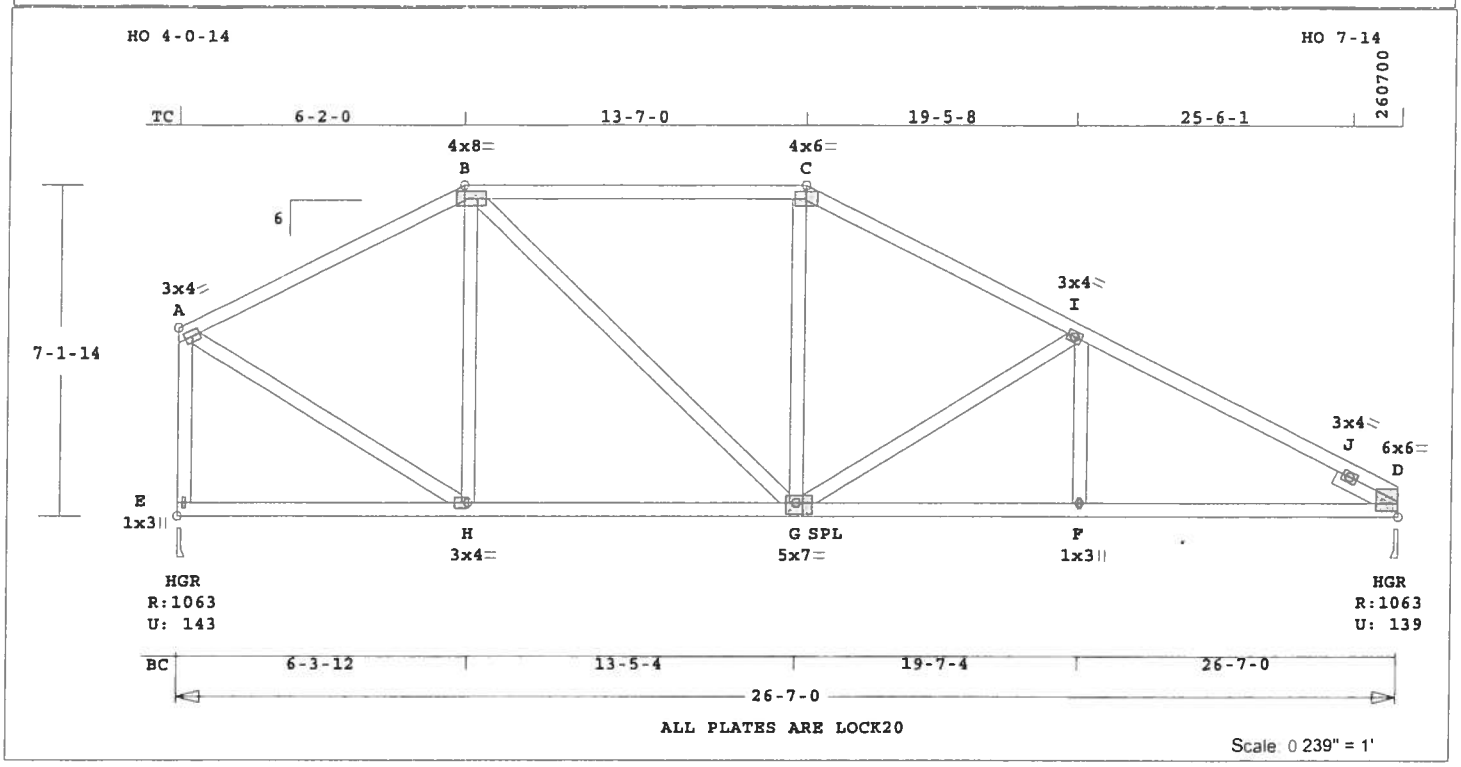
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
HAS-RIVERRISE	A11	1	SP	260700	6	0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 190.5 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.43	2x 4	SP-#2
BC	0.52	2x 4	SP-#2
WB	0.29	2x 4	SP-#2
SL	0.07	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	26- 7- 0
BC Cont.	0- 0- 0	26- 7- 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	1063	144	3- 8	1- 8
			Hz =	-191
D	1063	140	3- 8	1- 8
			Hz =	122

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.39	836	C	0.01	0.38
B -C	0.43	1038	C	0.01	0.42
C -I	0.27	1160	C	0.01	0.26
I -J	0.40	1603	C	0.01	0.39
J -D	0.39	994	C	0.00	0.39
Bottom Chords					
E -H	0.28	142	T	0.00	0.28
H -G	0.36	761	T	0.08	0.28
G -F	0.39	1429	T	0.24	0.15
F -D	0.52	1429	T	0.24	0.28
Webs					
E -A	0.20	1012	C	WindLd	
A -H	0.16	891	T		
H -B	0.19	323	C		
B -G	0.07	381	T		
G -C	0.03	251	T		
G -I	0.29	461	C		
F -I	0.03	227	T		
Sliders					
J -D	0.07	811	C		

TL Defl -0.13" in G -F L/999
LL Defl -0.06" in G -F L/999
Shear // Grain in J -J 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

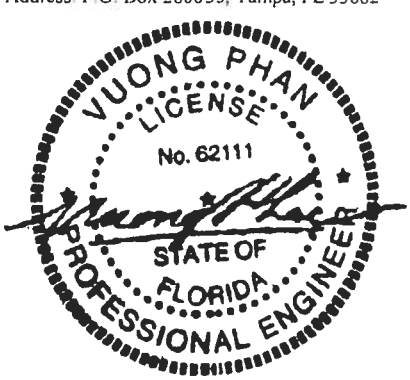
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.78
B	LOCK	4.0x 8.0	Ctr	Ctr	0.97
C	LOCK	4.0x 6.0	Ctr	Ctr	0.97
I	LOCK	3.0x 4.0	Ctr	Ctr	0.65
J	LOCK	3.0x 4.0	Ctr	Ctr	0.52
D	LOCK	6.0x 6.0-3.0	0.7	0.95	
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.58
G	LOCK	5.0x 7.0-1.0-0.5			0.65
F	LOCK	1.0x 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: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1603 Lbs
Quality Control Factor 1.25

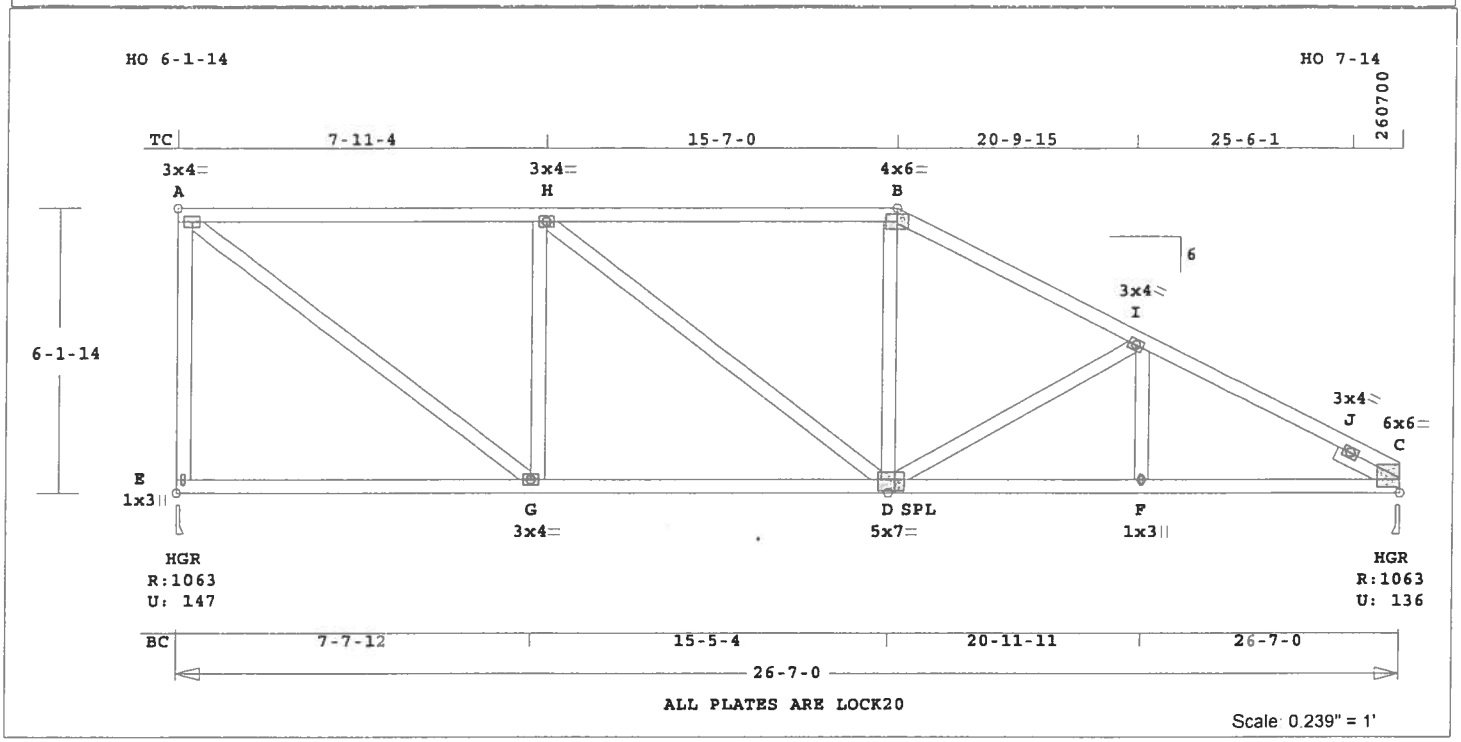
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A12	1	HHIP	260700	6	0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 189.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.72	2x 4	SP-#2
BC	0.59	2x 4	SP-#2
WB	0.43	2x 4	SP-#2
SL	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	26- 7- 0
BC Cont.		0- 0- 0	26- 7- 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	1063	147	3- 8	1- 8
			Hz =	-202
C	1063	136	3- 8	1- 8
			Hz =	96

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -H	0.72	1059	C	0.00	0.72
H -B	0.72	1181	C	0.00	0.72
B -I	0.26	1314	C	0.01	0.25
I -J	0.39	1642	C	0.01	0.38
J -C	0.38	1051	C	0.00	0.38
Bottom Chords					
E -G	0.39	157	T	0.00	0.39
G -D	0.50	1060	T	0.11	0.39
D -F	0.39	1456	T	0.24	0.15
F -C	0.59	1456	T	0.24	0.35
Webs					
E -A	0.43	999	C	WindLd	
A -G	0.24	1335	T		
G -H	0.27	639	C		
H -D	0.04	153	T		
D -B	0.04	307	T		
D -I	0.15	315	C		
F -I	0.02	161	T		
Sliders					
J -C	0.07	769	C		

TL Defl -0.21" in E -G L/999
LL Defl -0.10" in E -G L/999
Shear // Grain in A -H 0.36

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

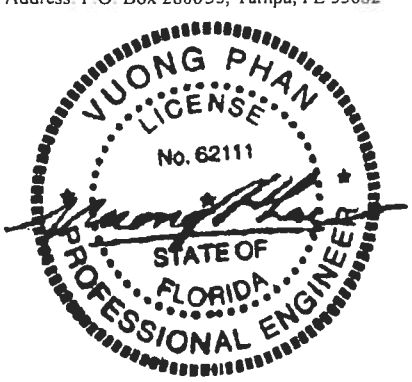
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.81
H	LOCK	3.0x 4.0	Ctr	Ctr	0.58
B	LOCK	4.0x 6.0	Ctr	Ctr	0.97
I	LOCK	3.0x 4.0	Ctr	Ctr	0.65
J	LOCK	3.0x 4.0	Ctr	Ctr	0.52
C	LOCK	6.0x 6.0-3.0	0.7		0.95
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81
G	LOCK	3.0x 4.0	Ctr	Ctr	0.81
D	LOCK	5.0x 7.0-1.0	-0.5		0.65
F	LOCK	1.0x 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: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1642 Lbs
Quality Control Factor 1.25

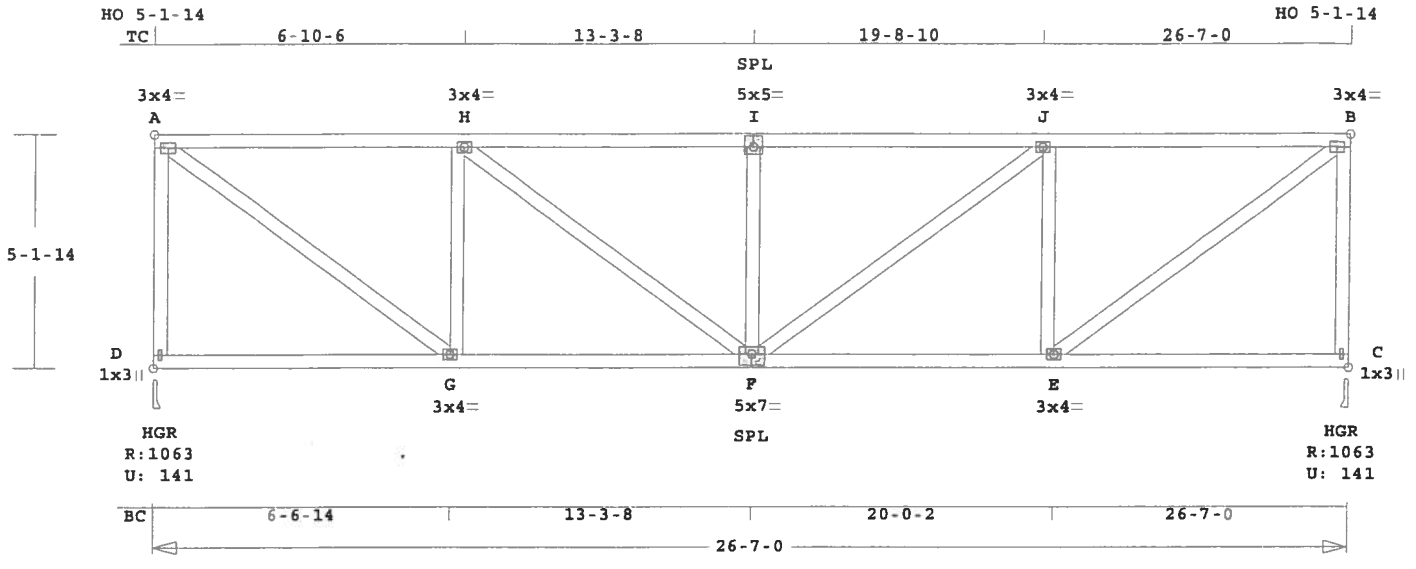
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A13	1	FLAT	260700	50114	0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 202.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.39	2x 4	SP-#2
WB	0.30	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	26- 7- 0
BC Cont.	0- 0- 0	26- 7- 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	1063	142	3- 8	1- 8
			Hz =	-155
C	1063	142	3- 8	1- 8
			Hz =	156

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -H	0.48	1138 C	0.00		0.48
H -I	0.49	1469 C	0.01		0.48
I -J	0.49	1469 C	0.01		0.48
J -B	0.48	1138 C	0.00		0.48
Bottom Chords					
D -G	0.28	119 T	0.00		0.28
G -F	0.39	1138 T	0.11		0.28
F -E	0.39	1138 T	0.11		0.28
E -C	0.28	119 T	0.00		0.28
Webs					
D -A	0.30	1007 C	WindLd		
A -G	0.26	1415 T			
G -H	0.20	693 C			
H -F	0.07	411 T			
F -I	0.11	367 C			
F -J	0.07	411 T			
E -J	0.20	693 C			
E -B	0.26	1415 T			
C -B	0.30	1007 C	WindLd		

TL Defl -0.13" in D -G L/999
LL Defl -0.06" in D -G L/999
Shear // Grain in A -H 0.31

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

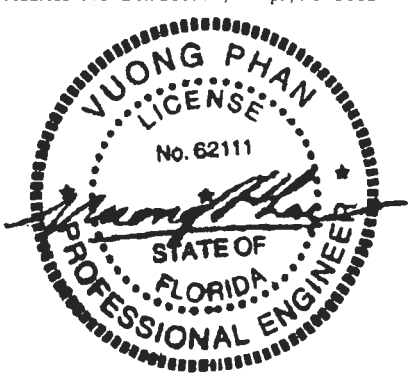
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.86
H	LOCK	3.0x 4.0	Ctr	Ctr	0.58
I	LOCK	5.0x 5.0	Ctr	0.5	0.65
J	LOCK	3.0x 4.0	Ctr	Ctr	0.58
B	LOCK	3.0x 4.0	Ctr	Ctr	0.86
D	LOCK	1.0x 3.0	Ctr	Ctr	0.81
G	LOCK	3.0x 4.0	Ctr	Ctr	0.86
F	LOCK	5.0x 7.0	Ctr	-0.5	0.65
E	LOCK	3.0x 4.0	Ctr	Ctr	0.86
C	LOCK	1.0x 3.0	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.
Provide drainage to prevent water ponding.
This truss must be installed as shown. It cannot be installed upside-down.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1469 Lbs
Quality Control Factor 1.25

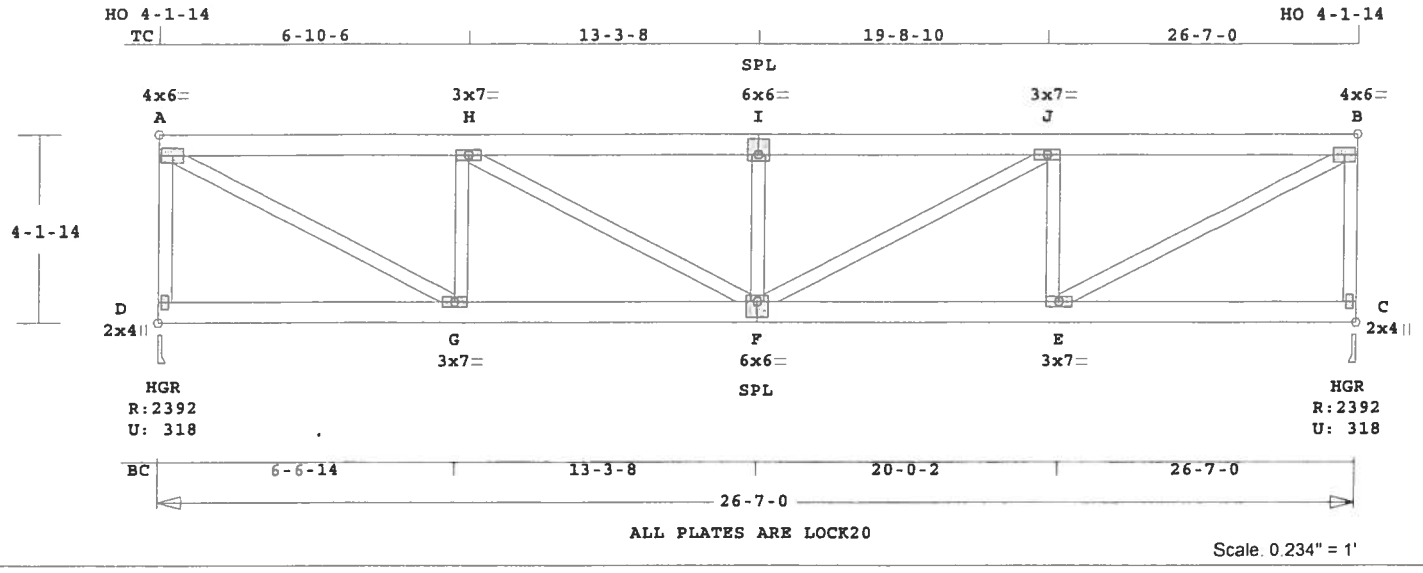
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	A14	1*2P	FLAT	260700	40114	0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 234.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.28	2x 6	SP-#2
BC	0.29	2x 6	SP-#2
WB	0.35	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	26- 7- 0
BC Cont.	0- 0- 0	26- 7- 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	90	45	0.0'	26.6'
BC V	0	45	0.0'	26.6'

Plus 6 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	2393	319	3- 8	1- 8
			Hz =	-114
C	2393	319	3- 8	1- 8
			Hz =	115

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -H	0.28	3336	C	0.01	0.27
H -I	0.28	4323	C	0.01	0.27
I -J	0.28	4323	C	0.01	0.27
J -B	0.28	3336	C	0.01	0.27
Bottom Chords					
D -G	0.14	87	T	0.00	0.14
G -F	0.29	3336	T	0.22	0.07
F -E	0.29	3336	T	0.22	0.07
E -C	0.14	87	T	0.00	0.14
Webs					
D -A	0.11	2258	C	WindLd	
A -G	0.35	3827	T		
G -H	0.07	1551	C		
H -F	0.10	1132	T		
F -I	0.04	833	C		
F -J	0.10	1132	T		
E -J	0.07	1551	C		
E -B	0.35	3827	T		
C -B	0.11	2258	C	WindLd	

TL Defl -0.14" in G -F L/999
LL Defl -0.07" in G -F L/999
Shear // Grain in A -H 0.21

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.75
H	LOCK	3.0x 7.0	Ctr	Ctr	0.40
I	LOCK	6.0x 6.0	Ctr	1.2	0.52
J	LOCK	3.0x 7.0	Ctr	Ctr	0.40
B	LOCK	4.0x 6.0	Ctr	Ctr	0.75
D	LOCK	2.0x 4.0	Ctr	Ctr	0.64
G	LOCK	3.0x 7.0	Ctr	Ctr	0.64
F	LOCK	6.0x 6.0	Ctr	-1.2	0.55
E	LOCK	3.0x 7.0	Ctr	Ctr	0.64
C	LOCK	2.0x 4.0	Ctr	Ctr	0.64

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 TC and BC
Span 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	2	12	24	0
BC	2	12	24	0
WB	1	8	8	

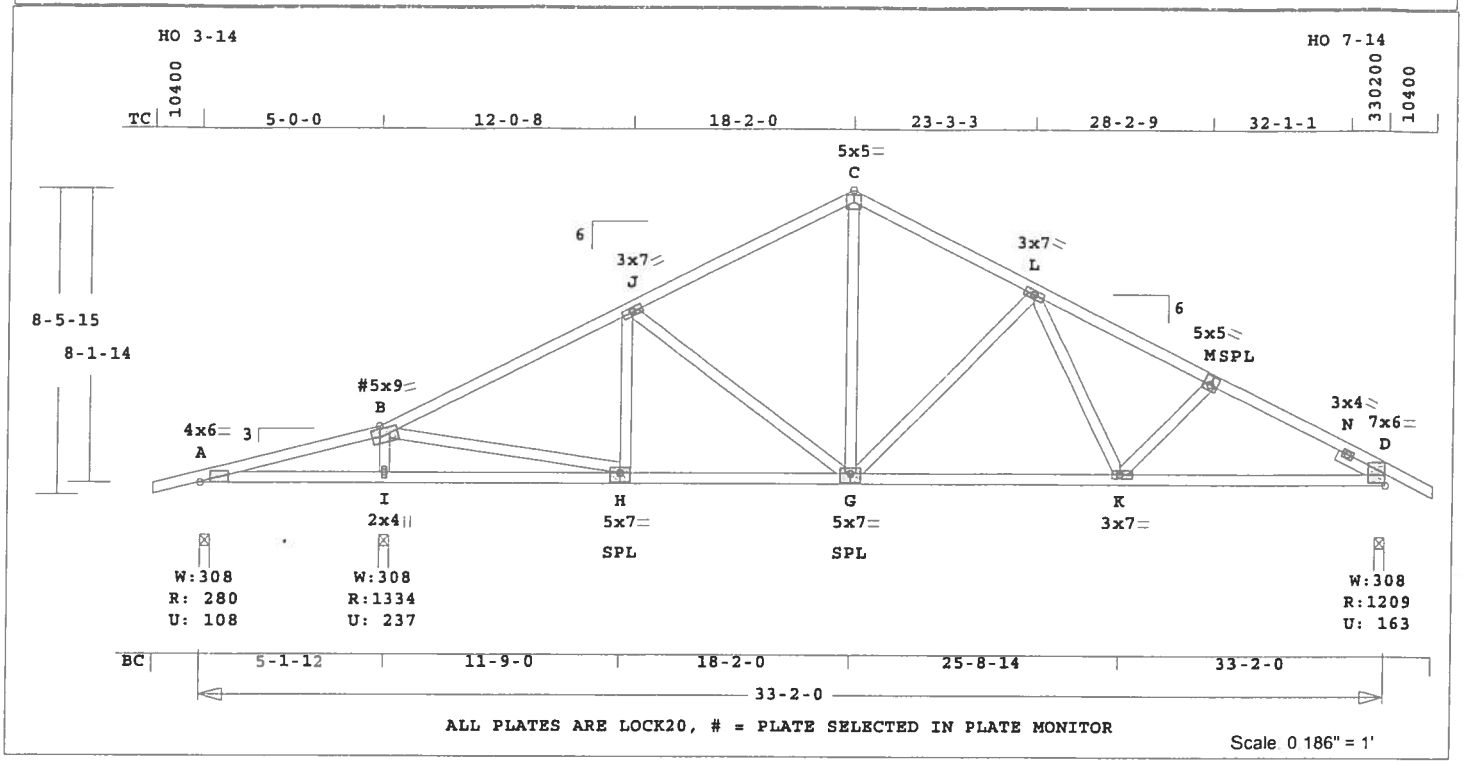
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Provide drainage to prevent water ponding.
Use properly rated hangers for loads framing into girder truss.
This truss must be installed as shown. It cannot be installed upside-down.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 4323 Lbs
Quality Control Factor 1.25

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

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	B1	9	PCH3	330200	6	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 222.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.46	2x 4	SP-#2
BC	0.62	2x 4	SP-#2
WB	0.32	2x 4	SP-#2
SL	0.08	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	33- 2- 0
BC Cont.	0- 0- 0	33- 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
A	280	109	3- 8	1- 8
			Hz =	-146
I	1334	237	3- 8	1- 8
D	1209	164	3- 8	1- 8
			Hz =	156

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -B	0.23	117	T 0.00	0.23
B -J	0.39	1396	C 0.01	0.38
J -C	0.39	1135	C 0.01	0.38
C -L	0.28	1131	C 0.01	0.27
L -M	0.28	1612	C 0.01	0.27
M -N	0.46	1778	C 0.02	0.44
N -D	0.44	1102	C 0.00	0.44
Bottom Chords				
A -I	0.27	35	T 0.00	0.27
I -H	0.28	123	T 0.01	0.27
H -G	0.40	1249	T 0.13	0.27
G -K	0.40	1344	T 0.22	0.18
K -D	0.62	1565	T 0.26	0.36
Webs				
I -B	0.11	1154	C	
B -H	0.21	1145	T	
H -J	0.02	97	C	
J -G	0.22	303	C	
G -C	0.12	688	T	
G -L	0.32	486	C	
L -K	0.05	331	T	
K -M	0.03	163	C	
Sliders				
N -D	0.08	855	C	

TL Defl -0.20" in G -K L/999
LL Defl -0.08" in G -K L/999
Shear // Grain in N -N 0.37

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.82
B#	LOCK	5.0x 9.0	1.9	0.5	0.84
J	LOCK	3.0x 7.0	Ctr	Ctr	0.40
C	LOCK	5.0x 5.0	Ctr	Ctr	0.64
L	LOCK	3.0x 7.0	Ctr	Ctr	0.50
M	LOCK	5.0x 5.0	0.2	0.5	0.71
N	LOCK	3.0x 4.0	Ctr	Ctr	0.58
D	LOCK	7.0x 6.0	-3.0	0.6	0.82
I	LOCK	2.0x 4.0	Ctr	Ctr	0.43
H	LOCK	5.0x 7.0	Ctr	-0.5	0.72
G	LOCK	5.0x 7.0	Ctr	-0.5	0.72
K	LOCK	3.0x 7.0	0.8	Ctr	0.52

= Plate Monitor used

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

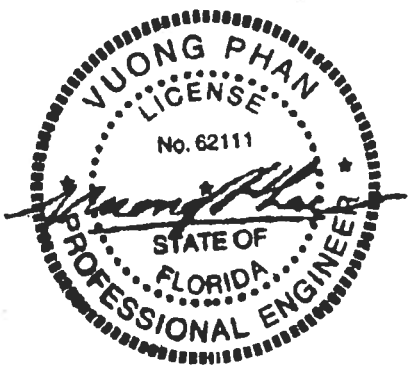
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC regions

--From--	---To---
0- 0- 0	5- 1-12

Max comp. force 1778 Lbs
Quality Control Factor 1.25

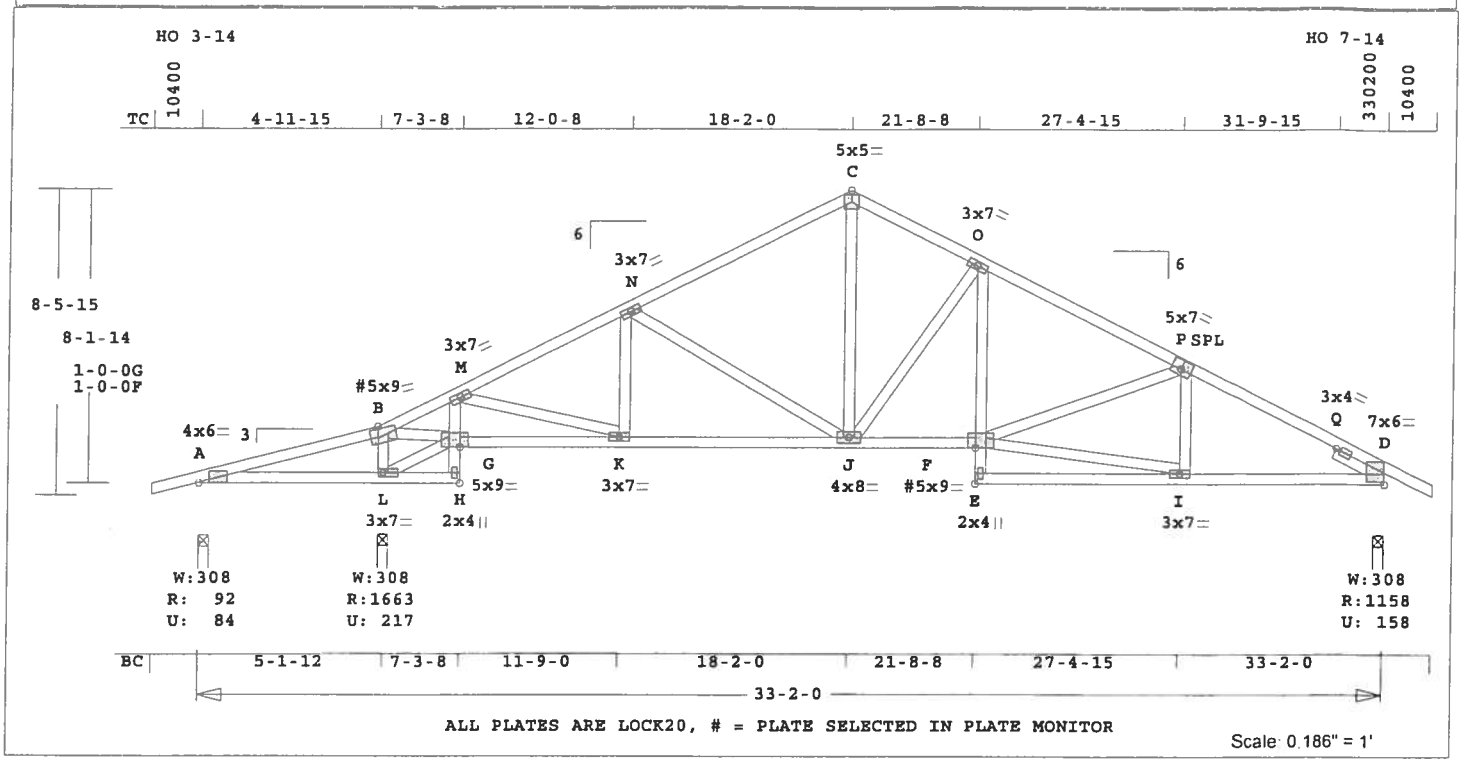
Truss Design Engineer: Vuong Phan
License # 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	B2	6	SP	330200	3	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 243.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	Size	Lumber
TC	0.42	2x 4	SP-#2
BC	0.60	2x 4	SP-#2
CW	0.15	2x 4	SP-#2
WB	0.28	2x 4	SP-#2
SL	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	33- 2- 0
BC	Cont.	0- 0- 0	33- 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
A	93	84G	3- 8	1- 8
			Hz =	-147
L	1664	217	3- 8	1-12
D	1159	159	3- 8	1- 8
			Hz =	156

G = Gravity Uplift

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.42	1049 T	0.17	0.25	
B -M	0.34	588 C	0.00	0.34	
M -N	0.36	1434 C	0.01	0.35	
N -C	0.36	1169 C	0.01	0.35	
C -O	0.24	1166 C	0.01	0.23	
O -P	0.31	1545 C	0.03	0.28	
P -Q	0.40	1676 C	0.01	0.39	
Q -D	0.39	1072 C	0.00	0.39	
Bottom Chords					
A -L	0.30	1021 C	0.00	0.30	
L -H	0.30	47 T	0.00	0.30	
G -K	0.22	532 T	0.05	0.17	
K -J	0.33	1299 T	0.21	0.12	
J -F	0.35	1390 T	0.23	0.12	
E -I	0.19	68 T	0.00	0.19	
I -D	0.60	1487 T	0.24	0.36	

Chord-Webs				
H -G	0.10	61 C	0.00	0.10
G -M	0.13	670 C	0.00	0.13
E -F	0.15	100 T	0.01	0.14
F -O	0.11	357 T	0.06	0.05
Webs				
L -B	0.09	951 C		
L -G	0.12	1102 C		
B -G	0.26	1430 T		
M -K	0.14	797 T		
K -N	0.01	102 C		
N -J	0.19	303 C		
J -C	0.14	763 T		
J -O	0.28	592 C		
F -P	0.04	109 C		
F -I	0.26	1440 T		
I -P	0.02	178 C		
Sliders				
Q -D	0.07	784 C		

TL Defl -0.19" in G -M L/999
LL Defl -0.07" in E -I L/999
Shear // Grain in Q -Q 0.33

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	0.82
B#	LOCK	5.0x 9.0	2.0	0.8	0.77
M	LOCK	3.0x 7.0	Ctr	Ctr	0.37
N	LOCK	3.0x 7.0	Ctr	Ctr	0.40
C	LOCK	5.0x 5.0	Ctr	Ctr	0.64
O	LOCK	3.0x 7.0	Ctr	Ctr	0.46
P	LOCK	5.0x 7.0	0.2	0.5	0.71
Q	LOCK	3.0x 4.0	Ctr	Ctr	0.58
D	LOCK	7.0x 6.0	-3.0	0.6	0.82
L	LOCK	3.0x 7.0	Ctr	Ctr	0.43
H	LOCK	2.0x 4.0	Ctr	Ctr	0.58
G	LOCK	5.0x 9.0	Ctr	0.8	0.62
K	LOCK	3.0x 7.0	Ctr	Ctr	0.85
J	LOCK	4.0x 8.0	Ctr	Ctr	0.44
F#	LOCK	5.0x 9.0	0.1	0.8	0.63
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
I	LOCK	3.0x 7.0	Ctr	Ctr	0.84

= Plate Monitor used

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

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

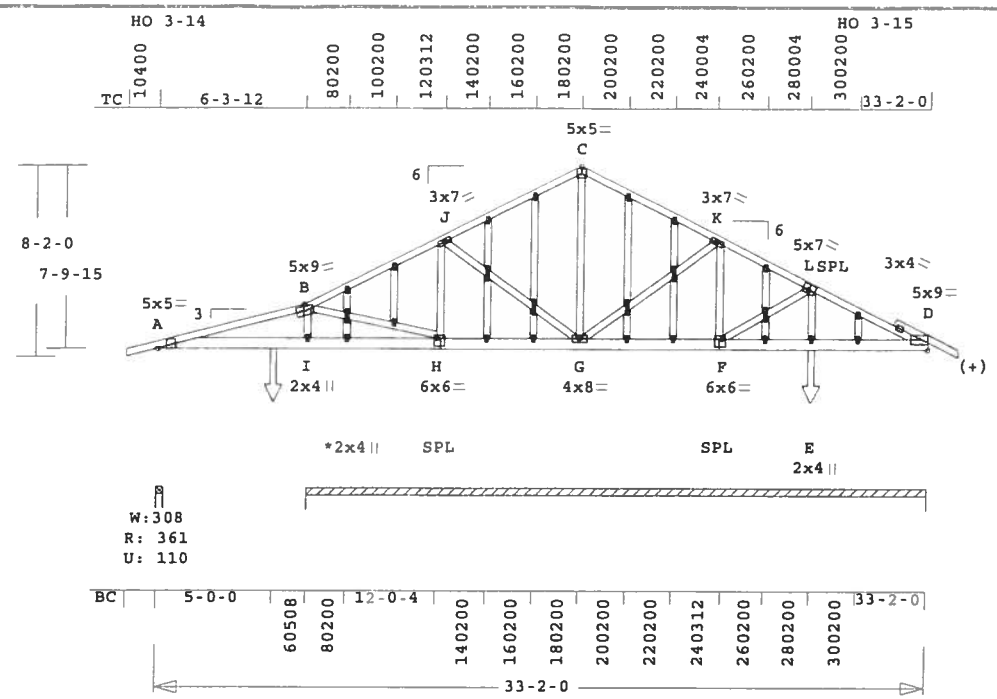
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1676 Lbs
Quality Control Factor 1.25

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

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	B3	1	PCH3	330200	6	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



ALL PLATES ARE LOCK20

See * For Typical Gable Plate Size and Placement

Scale 0.121" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 308.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.40	2x 4	SP-#2
BC	0.39	2x 6	SP-#2
WB	0.21	2x 4	SP-#2

(+) 2x4 SP-#2
Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	33- 2- 0
BC Cont.	0- 0- 0	33- 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=1.00 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'	33.2'
BC V	0	20	0.0'	33.2'
BC V	30	30	5.1'	28.0'
BC V	135	135	5.0'	CL-LB
BC V	135	135	28.2'	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	361	110	3- 8	1- 8
			Hz =	-135
Cont. Brg	6- 5- 8 to 33- 2- 0			
	4290	620	Hz =	148

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -B	0.26	73	T	0.00	0.26
B -J	0.40	32	C	0.00	0.40
J -C	0.40	71	T	0.00	0.40
C -K	0.32	70	T	0.00	0.32
K -L	0.32	90	C	0.00	0.32
L -D	0.15	179	C	0.00	0.15
--------Bottom Chords---------					
A -I	0.38	65	T	0.00	0.38
I -H	0.39	83	T	0.01	0.38
H -G	0.27	106	T	0.00	0.27
G -F	0.27	89	T	0.00	0.27
F -E	0.20	166	T	0.02	0.18
E -D	0.09	166	T	0.02	0.07
----------Webs----------					
I -B	0.03	309	C		
B -H	0.02	62	T		
H -J	0.09	367	C		
J -G	0.03	72	T		
G -C	0.21	313	C		
G -K	0.04	75	T		
F -K	0.06	252	C		
F -L	0.02	90	C		
E -L	0.01	153	C		

TL Defl -0.04" in A -I L/999
LL Defl -0.02" in A -I L/999
Shear // Grain in A -I 0.37

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	7.0	2.2	0.92
B	LOCK	5.0x 9.0	0.5	0.1	0.86
J	LOCK	3.0x 7.0	Ctr	Ctr	0.40
C	LOCK	5.0x 5.0	Ctr	Ctr	0.64
K	LOCK	3.0x 7.0	Ctr	Ctr	0.40
L	LOCK	5.0x 7.0	0.2	0.5	0.71
D	LOCK	5.0x 9.0-1.4-0.1			0.92
I	LOCK	2.0x 4.0	Ctr	Ctr	0.43
H	LOCK	6.0x 6.0-0.5-1.2			0.76
G	LOCK	4.0x 8.0	Ctr	Ctr	0.42
F	LOCK	6.0x 6.0	0.5-1.2		0.57
E	LOCK	2.0x 4.0	Ctr	Ctr	0.43

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

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

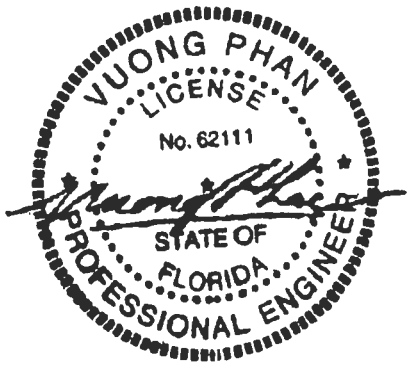
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC regions

--From--	---To---
0- 0- 0	5- 0- 0

Max comp. force 367 Lbs
Quality Control Factor 1.25

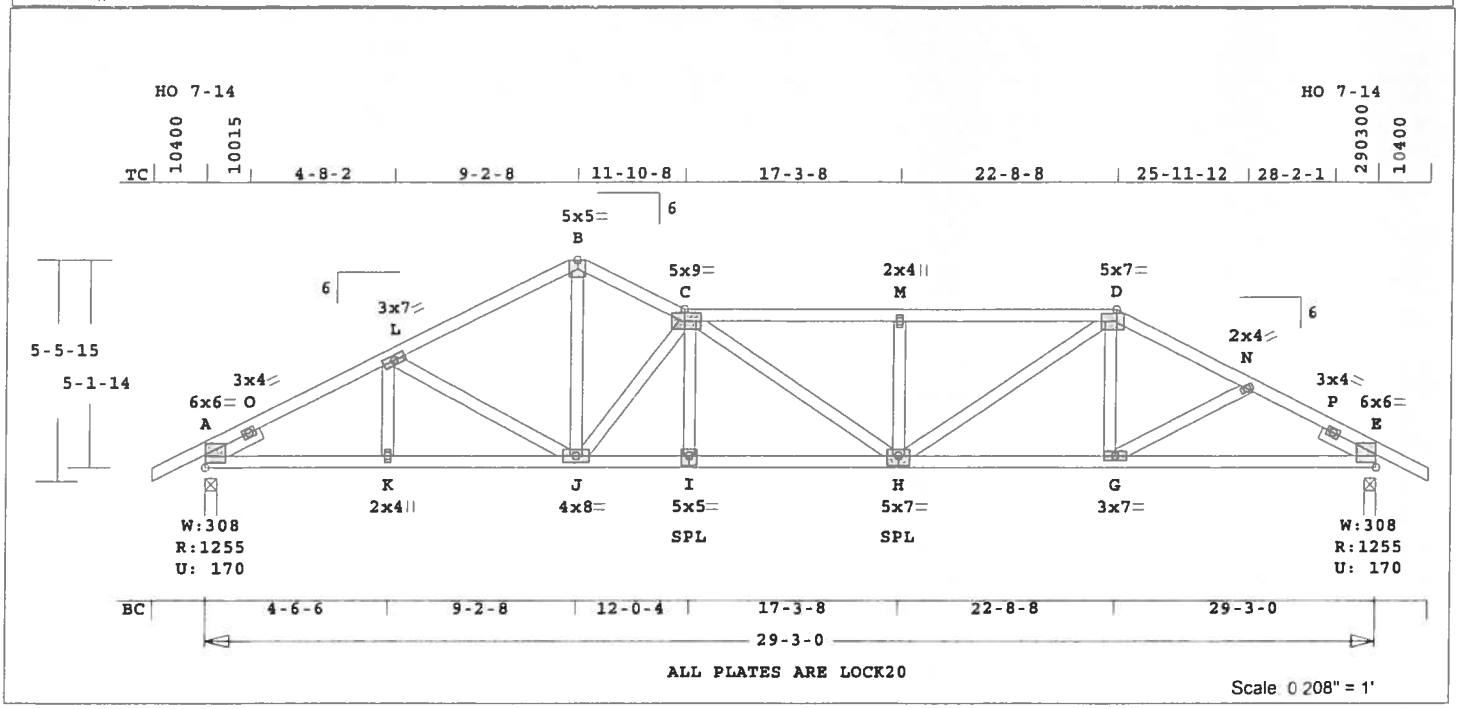
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	C1	1	SP	290300	6	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.46	2x 4	SP-#2
BC	0.69	2x 4	SP-#2
WB	0.31	2x 4	SP-#2
SL	0.08	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	29- 3- 0
BC Cont.	0- 0- 0	29- 3- 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
A	1255	171	3- 8	1- 8
			Hz =	-91
E	1255	171	3- 8	1- 8
			Hz =	92

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -O	0.42	1195	C 0.00	0.42
O -L	0.44	1849	C 0.02	0.42
L -B	0.25	1655	C 0.02	0.23
B -C	0.21	1626	C 0.01	0.20
C -M	0.30	2272	C 0.03	0.27
M -D	0.25	2272	C 0.05	0.20
D -N	0.22	1796	C 0.02	0.20
N -P	0.46	1828	C 0.02	0.44
P -E	0.44	1056	C 0.00	0.44
Bottom Chords				
A -K	0.69	1626	T 0.27	0.42
K -J	0.40	1626	T 0.27	0.13
J -I	0.47	2282	T 0.38	0.09
I -H	0.46	2282	T 0.38	0.08
H -G	0.35	1626	T 0.27	0.08
G -E	0.53	1568	T 0.26	0.27
Webs				
K -L	0.01	110	T	
L -J	0.05	158	C	
J -B	0.21	1160	T	
J -C	0.31	1254	C	
I -C	0.02	145	T	
C -H	0.02	55	C	
H -M	0.05	309	C	
H -D	0.14	778	T	
G -D	0.02	168	T	
G -N	0.01	100	T	
Sliders				
A -O	0.07	825	C	
P -E	0.08	940	C	

TL Defl -0.28" in I -H L/999
LL Defl -0.13" in I -H L/999
Shear // Grain in P -P 0.36

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	6.0x 6.0	3.0	0.7	0.99
O	LOCK	3.0x 4.0	Ctr	Ctr	0.54
L	LOCK	3.0x 7.0	Ctr	Ctr	0.39
B	LOCK	5.0x 5.0	Ctr	Ctr	0.61
C	LOCK	5.0x 9.0	0.5	Ctr	0.82
M	LOCK	2.0x 4.0	Ctr	Ctr	0.41
D	LOCK	5.0x 7.0	0.5-0.1		0.86
N	LOCK	2.0x 4.0	Ctr	Ctr	0.41
P	LOCK	3.0x 4.0	Ctr	Ctr	0.54
E	LOCK	6.0x 6.0-3.0	0.7		0.99
K	LOCK	2.0x 4.0	Ctr	Ctr	0.41
J	LOCK	4.0x 8.0	Ctr	Ctr	0.43
I	LOCK	5.0x 5.0	Ctr-0.5		0.68
H	LOCK	5.0x 7.0	Ctr-0.5		0.68
G	LOCK	3.0x 7.0	Ctr	Ctr	0.41

REVIEWED BY:
Robbins Engineering, Inc.

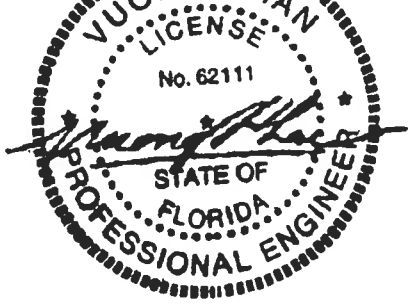
APPROX. TRUSS WEIGHT: 205.8 LBS

PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 2272 Lbs
Quality Control Factor 1.25

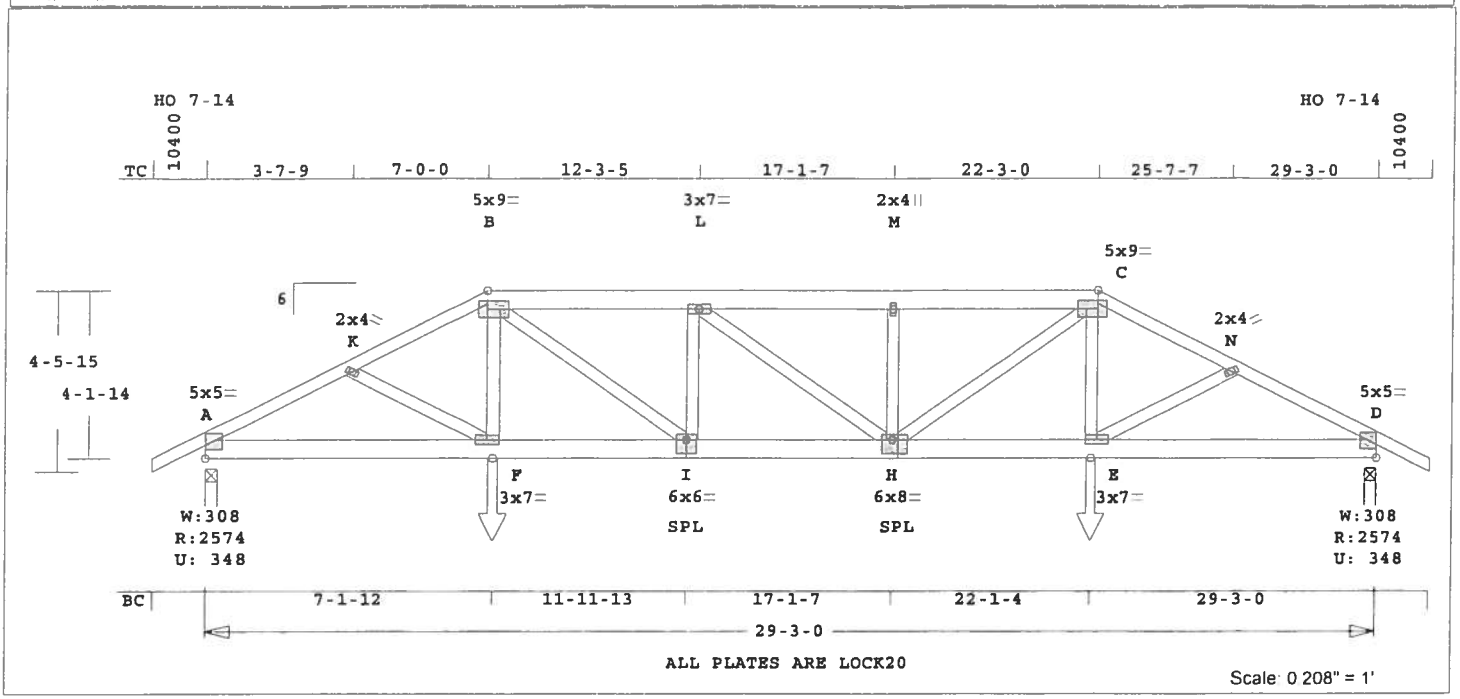
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	C2	1*2P	HIPP	290300	6	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 233.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.44	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.55	2x 6	SP-#2
WB	0.16	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	29- 3- 0
BC	Cont.	0- 0- 0	29- 3- 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'	29.2'
BC V	0	20	0.0'	29.2'
TC V	50	25	7.0'	22.2'
BC V	0	25	7.1'	22.1'
BC V	280	280	7.1'	CL-LB
BC V	280	280	22.1'	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
A	2574	349	3- 8	1- 8
			Hz =	-69
D	2574	349	3- 8	1- 8
			Hz =	71

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -K	0.44	4435 C	0.04	0.40
K -B	0.27	4427 C	0.04	0.23
B -L	0.19	5469 C	0.02	0.17
L -M	0.15	5463 C	0.02	0.13
M -C	0.19	5463 C	0.02	0.17
C -N	0.28	4428 C	0.04	0.24
N -D	0.44	4435 C	0.04	0.40
--------Bottom Chords---------				
A -F	0.55	3882 T	0.25	0.30
F -I	0.41	3995 T	0.26	0.15
I -H	0.41	5469 T	0.36	0.05
H -E	0.41	3996 T	0.26	0.15
E -D	0.55	3882 T	0.25	0.30
----------Webs----------				
K -F	0.01	191 T		
F -B	0.04	534 T		
B -I	0.16	1804 T		
I -L	0.03	736 C		
L -H	0.00	38 C		
H -M	0.03	734 C		
H -C	0.16	1796 T		
E -C	0.04	535 T		
E -N	0.01	191 T		

TL Defl -0.22" in I -H L/999
LL Defl -0.11" in I -H L/999
Shear // Grain in A -K 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	5.0x 5.0	1.0	0.3	0.78
K	LOCK	2.0x 4.0	Ctr	Ctr	0.41
B	LOCK	5.0x 9.0	Ctr	Ctr	1.00
L	LOCK	3.0x 7.0	Ctr	Ctr	0.41
M	LOCK	2.0x 4.0	Ctr	Ctr	0.41
C	LOCK	5.0x 9.0	Ctr	Ctr	1.00
N	LOCK	2.0x 4.0	Ctr	Ctr	0.41
D	LOCK	5.0x 5.0	-1.0	0.3	0.78
F	LOCK	3.0x 7.0	Ctr	Ctr	0.42
I	LOCK	6.0x 6.0	Ctr	-1.2	0.54
H	LOCK	6.0x 8.0	-1.0	-1.2	0.54
E	LOCK	3.0x 7.0	Ctr	Ctr	0.42

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

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

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

Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	1	12	24	0
BC	2	12	24	0
WB	1	8	8	

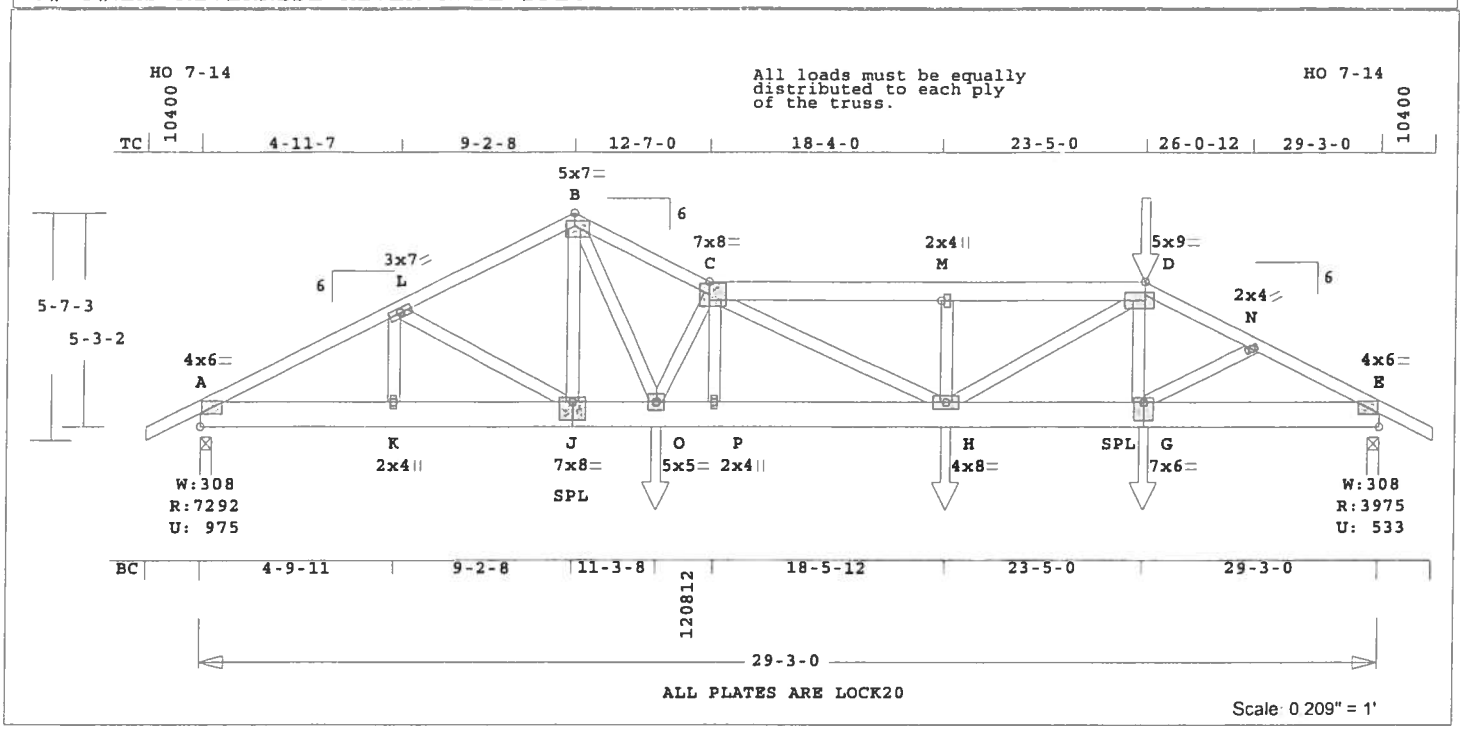
Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 5469 Lbs
Quality Control Factor 1.25

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

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	C3	1*3P	SP	290300	6	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 263.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06
****
* 3-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.23	2x 4	SP-#2
EX C -D		2x 6	SP-#2
BC	0.59	2x 8	SP-#2
EX J -G		2x 8	SP-#1
WB	0.43	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	29- 3- 0
BC Cont.		0- 0- 0	29- 3- 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 Standard Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25

plf -	Live	Dead	From	To
TC V	40	20	0.0'	29.2'
BC V	0	20	0.0'	29.2'
BC V	246	246	0.0'	10.3'
TC V	38	19	18.4'	23.4'
BC V	0	19	18.4'	23.4'
BC V	116	116	23.4'	CL-LB
TC V	85	85	23.4'	CL-LB
BC V	1196	1196	11.3'	CL-LB
BC V	261	261	18.5'	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	7292	975	3- 8	2-14
			Hz =	-91
E	3976	533	3- 8	1- 9
			Hz =	92

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -L	0.22	11451	C	0.10 0.12
L -B	0.23	9783	C	0.07 0.16
B -C	0.19	12860	C	0.14 0.05
C -M	0.11	11053	C	0.04 0.07
M -D	0.11	11053	C	0.04 0.07
D -N	0.17	7302	C	0.04 0.13
N -E	0.23	7229	C	0.04 0.19
--------Bottom Chords--------				
A -K	0.59	10205	T	0.34 0.25
K -J	0.54	10205	T	0.34 0.20
J -O	0.34	8712	T	0.23 0.11
O -P	0.48	13888	T	0.37 0.11
P -H	0.48	13888	T	0.37 0.11
H -G	0.24	6592	T	0.17 0.07
G -E	0.35	6363	T	0.21 0.14
------------Webs------------				
K -L	0.09	1613	T	
L -J	0.05	1646	C	
J -B	0.20	3385	T	
B -O	0.43	6988	T	
O -C	0.16	5159	C	
P -C	0.00	52	T	
C -H	0.11	3251	C	
H -M	0.01	406	C	
H -D	0.31	5194	T	
G -D	0.00	105	C	
G -N	0.01	318	T	

TL Defl -0.35" in O -P L/992
LL Defl -0.17" in O -P L/999
Shear // Grain in A -K 0.33

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	0.86
L	LOCK	3.0x 7.0	Ctr	Ctr	0.39
B	LOCK	5.0x 7.0	1.0	-0.8	1.00
C	LOCK	7.0x 8.0	1.0	Ctr	0.65
M	LOCK	2.0x 4.0	Ctr	Ctr	0.41
D	LOCK	5.0x 9.0	Ctr	Ctr	1.00
N	LOCK	2.0x 4.0	Ctr	Ctr	0.41
E	LOCK	4.0x 6.0	Ctr	Ctr	0.72
K	LOCK	2.0x 4.0	Ctr	Ctr	0.58
J	LOCK	7.0x 8.0	Ctr	-2.0	0.51
O	LOCK	5.0x 5.0	Ctr	Ctr	0.82
P	LOCK	2.0x 4.0	Ctr	Ctr	0.41
H	LOCK	4.0x 8.0	Ctr	Ctr	0.68
G	LOCK	7.0x 6.0	Ctr	-2.0	0.46

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
3 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS4.5 screws -OR- 16d nails as each layer is applied.)

	----Spacing (In)----		
Rows	Nails	Screws	Bolts
TC 1	12	24	0
BC 2	12	21	0
WB 1	8	8	

No bolts in 2x4s or smaller.
Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 12860 Lbs

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

Date Sealed: 8/28/2006

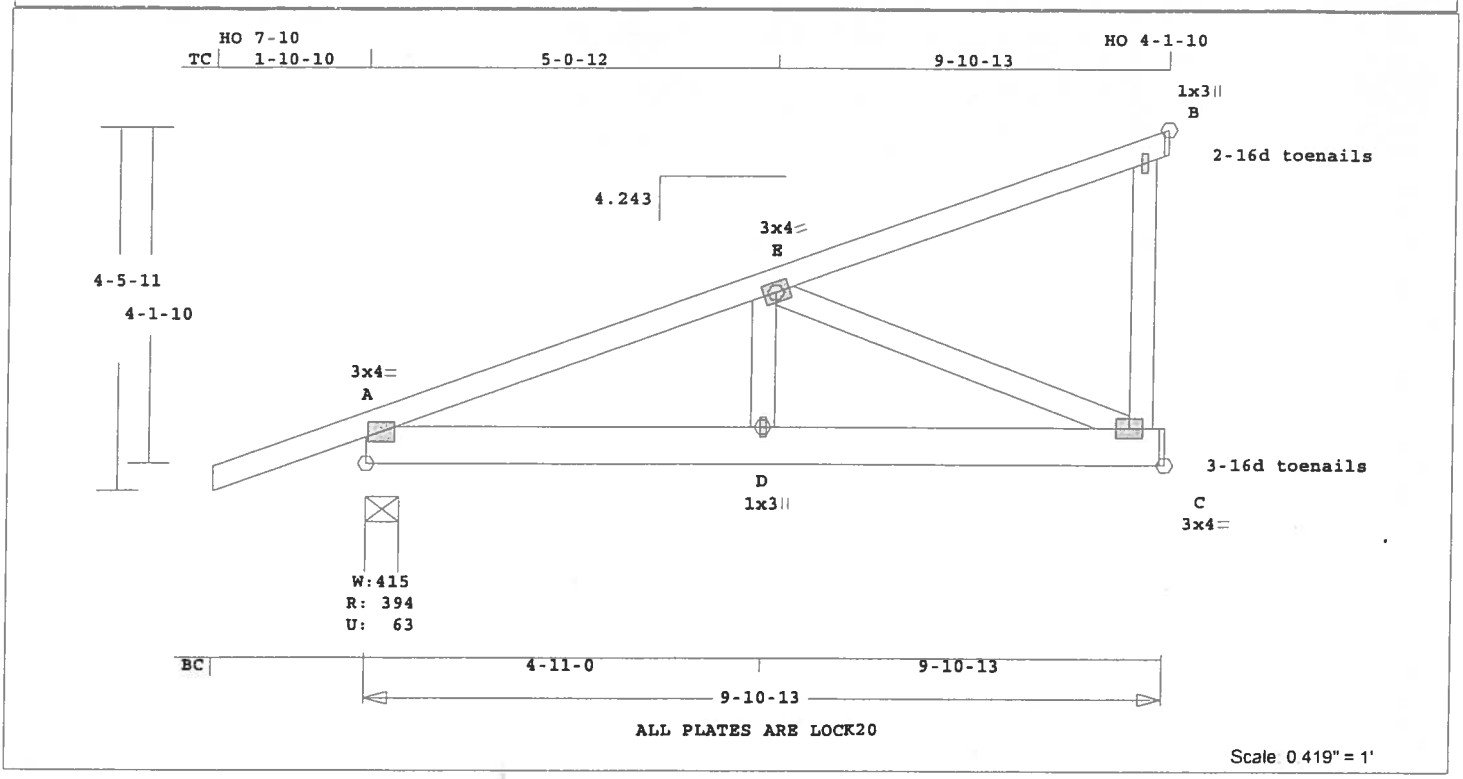
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	C3	1*3P	SP	290300	6	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	CJ1	2	MONO.DD	91013	4.243	1-10-10	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 70.1 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.39	2x 4	SP-#2
BC	0.16	2x 6	SP-#2
WB	0.18	2x 4	SP-#2

Brace truss as follows:

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"

Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Load Case # 1 Girder Loading
Lumber Duration Factor 1.25
Plate Duration Factor 1.25

plf -	Live	Dead	From	To
TC V	40	20	0.0'	9.9'
BC V	0	20	0.0'	9.9'
TC V	-40	-20	0.0'	
	45	22		9.9'
BC V	0	-20	0.0'	
	0	22		9.9'

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
A	395	64	4-15	1- 8
			Hz =	-46
C	345	6	1- 8	1- 8
B	248	86	1- 8	1- 8
			Hz =	130

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -E	0.31	551 C	0.00	0.31
E -B	0.39	78 T	0.00	0.39
Bottom Chords				
A -D	0.16	534 T	0.07	0.09
D -C	0.16	534 T	0.07	0.09
Webs				
D -E	0.03	199 T		
E -C	0.18	581 C		
C -B	0.02	0 T	WindLd	

TL Defl -0.02" in D -C L/999
LL Defl -0.01" in D -C L/999
Shear // Grain in E -B 0.27

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.82
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	0.75
C	LOCK	3.0x 4.0	Ctr	Ctr	0.69

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

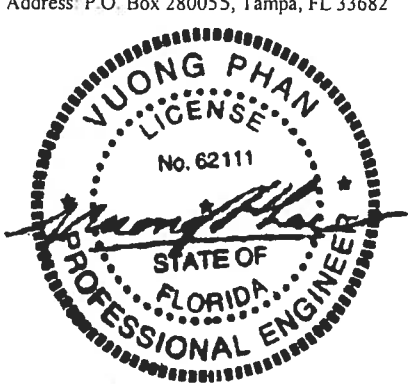
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 581 Lbs
Quality Control Factor 1.25

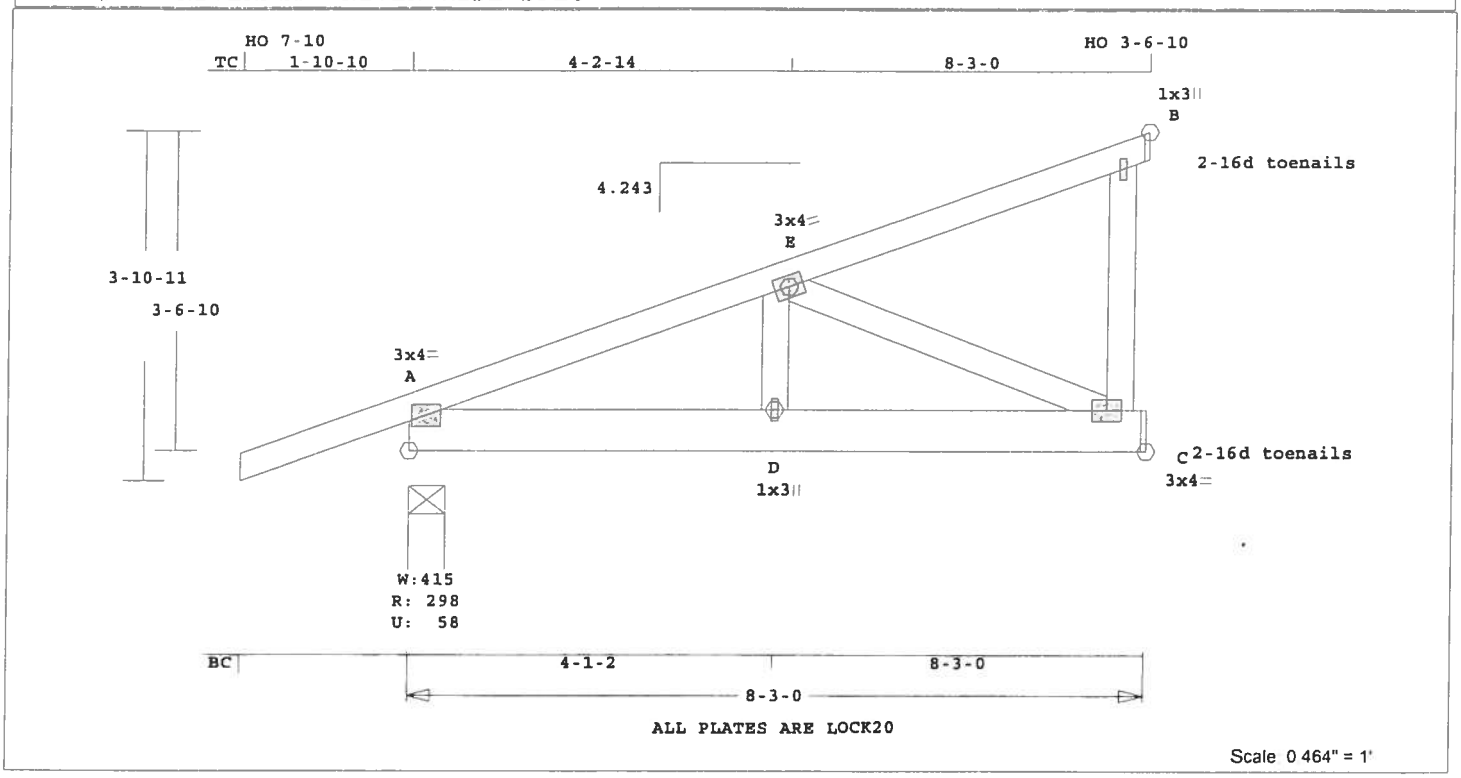
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	CJ2	1	MONO.DD	80300	4.243	1-10-10	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 58.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.21	2x 4	SP-#2
BC	0.09	2x 6	SP-#2
WB	0.08	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	8- 3- 0
BC Cont.	0- 0- 0	8- 3- 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'	8.2'
BC V 0	20	0.0'	8.2'
TC V -40	-20	0.0'	
28	14		8.2'
BC V 0	-20	0.0'	
0	14		8.2'

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
A	298	58	4-15	1- 8
			Hz =	-38
C	232	3	1- 8	1- 8
B	171	57	1- 8	1- 8
			Hz =	96

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -E	0.16	344 C	0.00 0.16
E -B	0.21	57 T	0.00 0.21
Bottom Chords			
A -D	0.09	334 T	0.04 0.05
D -C	0.09	334 T	0.04 0.05
Webs			
D -E	0.01	126 T	
E -C	0.08	365 C	
C -B	0.01	0 T	WindLd

TL Defl -0.01" in D -C L/999
LL Defl 0.00" in D -C L/999
Shear // Grain in E -B 0.18

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	0.82
E	LOCK	3.0x 4.0	Ctr	Ctr	0.41
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75
C	LOCK	3.0x 4.0	Ctr	Ctr	0.66

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

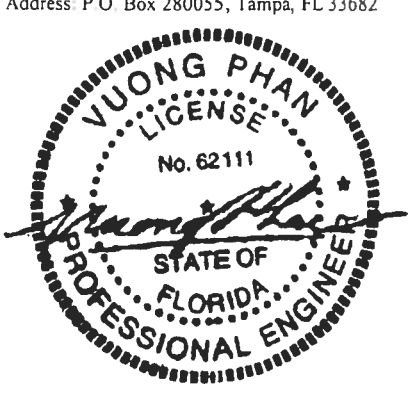
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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 5-10- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 365 Lbs
Quality Control Factor 1.25

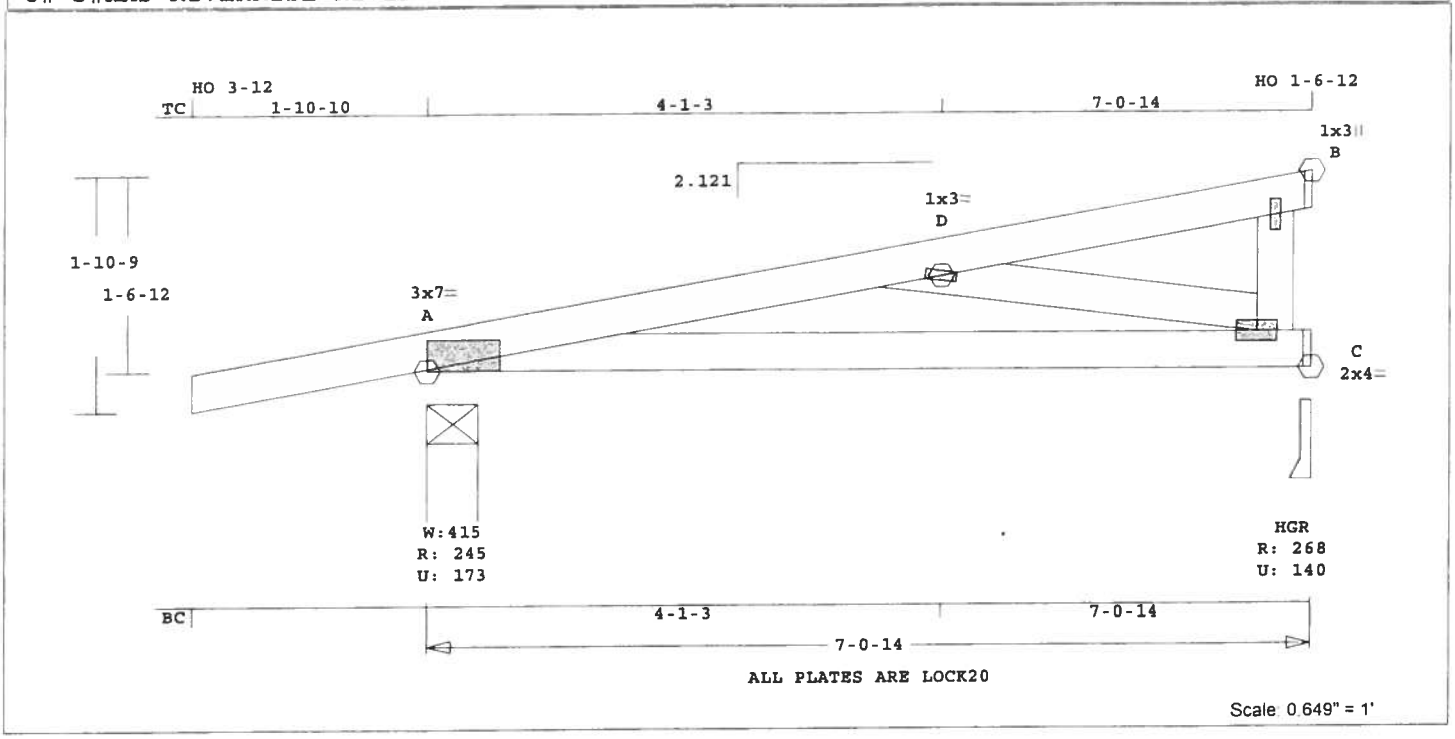
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	CJ3	2	MONO	70014	2.121	1-10-10	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 38.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.13	2x 4	SP-#2
BC	0.20	2x 4	SP-#2
WB	0.07	2x 4	SP-#2

Brace truss as follows:

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

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'	7.1'
BC V	0	20	0.0'	7.1'
TC V	-40	-20	0.0'	
	17	8		7.1'
BC V	0	-20	0.0'	
	0	8		7.1'

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
A	246	174	4-15	1- 8
			Hz =	14
C	268	141	3- 8	1- 8
			Hz =	36

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -D	0.12	457 C	0.00	0.12
D -B	0.13	15 C	0.00	0.13
--------Bottom Chords---------				
A -C	0.20	458 T	0.04	0.16
------------Webs------------				
D -C	0.07	467 C		
C -B	0.01	110 C	WindLd	

TL Defl -0.06" in A -C L/999
LL Defl -0.03" in A -C L/999
Shear // Grain in D -B 0.12

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

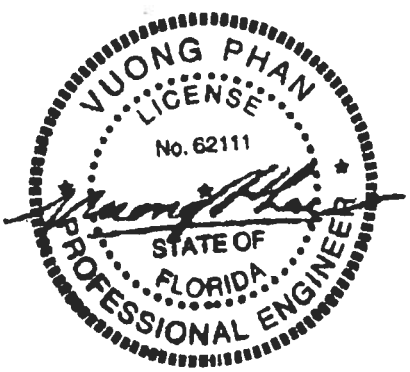
Jt Type	Plt Size	X	Y	JSI
A	LOCK 3.0x 7.0	3.5	1.3	0.86
D	LOCK 1.0x 3.0	Ctr	Ctr	0.79
B	LOCK 1.0x 3.0	Ctr	Ctr	0.75
C	LOCK 2.0x 4.0	Ctr	Ctr	0.76

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 7- 0-14
Max comp. force 467 Lbs
Quality Control Factor 1.25

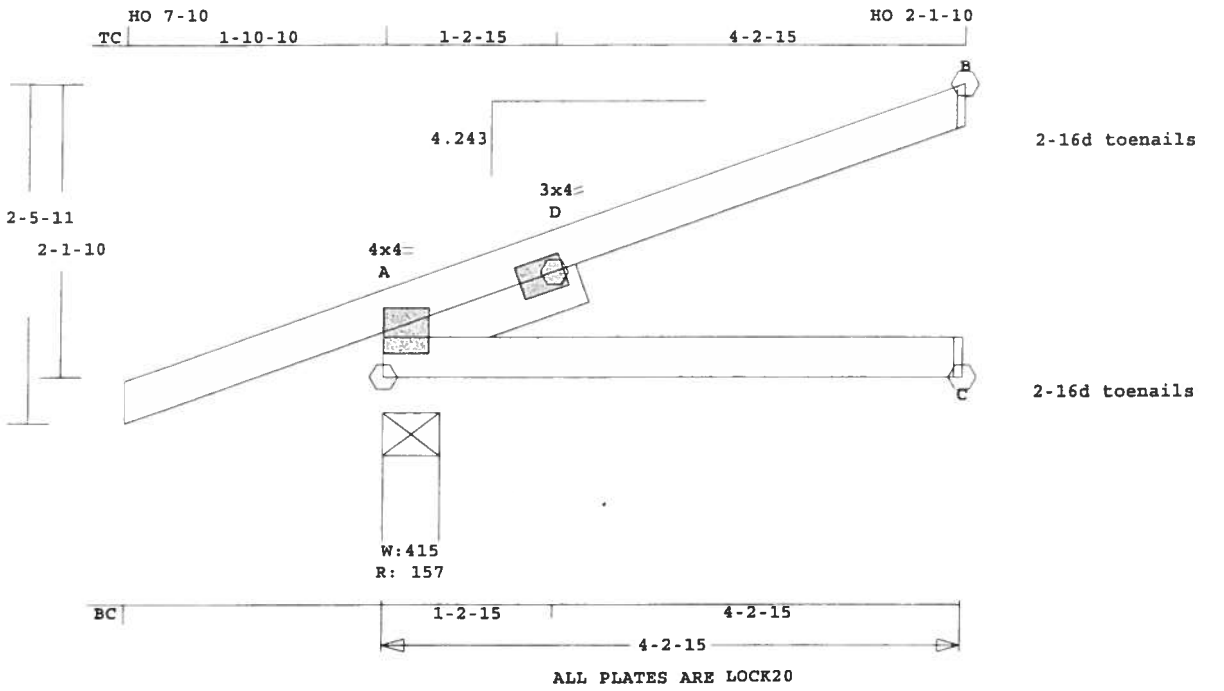
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	CJ4	1	JCA2.DD	40215	4.243	1-10-10	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Scale 0.710" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.06	2x 4	SP-#2
BC	0.04	2x 4	SP-#2
SL	0.00	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 2-15
BC Cont.	0- 0- 0	4- 2-15

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00	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'	4.2'
BC V	0	20	0.0'	4.2'
TC V	-40	-20	0.0'	
	-12	-6		4.2'
BC V	0	-20	0.0'	
	0	-6		4.2'

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
A	157	0	4-15	1- 8
			Hz =	16
C	38	0	3- 8	1- 8
			Hz =	11

Membr	CSI	P Lbs	Axl-CSI-Bnd	
B	60	23	3- 8	1- 8
----------Top Chords----------				
A -D	0.02	21 C	0.00	0.02
D -B	0.06	10 C	0.00	0.06
--------Bottom Chords---------				
A -C	0.04	11 T	0.00	0.04
----------Sliders----------				
A -D	0.00	23 T		

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in D -B 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	4.0x 4.0	2.0	0.3	0.80
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

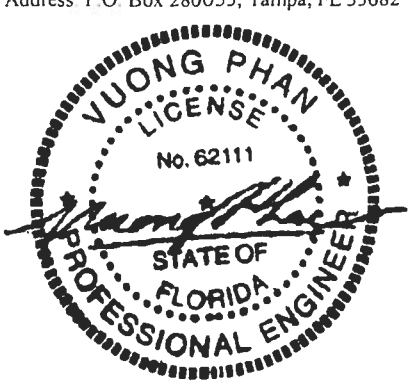
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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 3- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 21 Lbs
Quality Control Factor 1.25

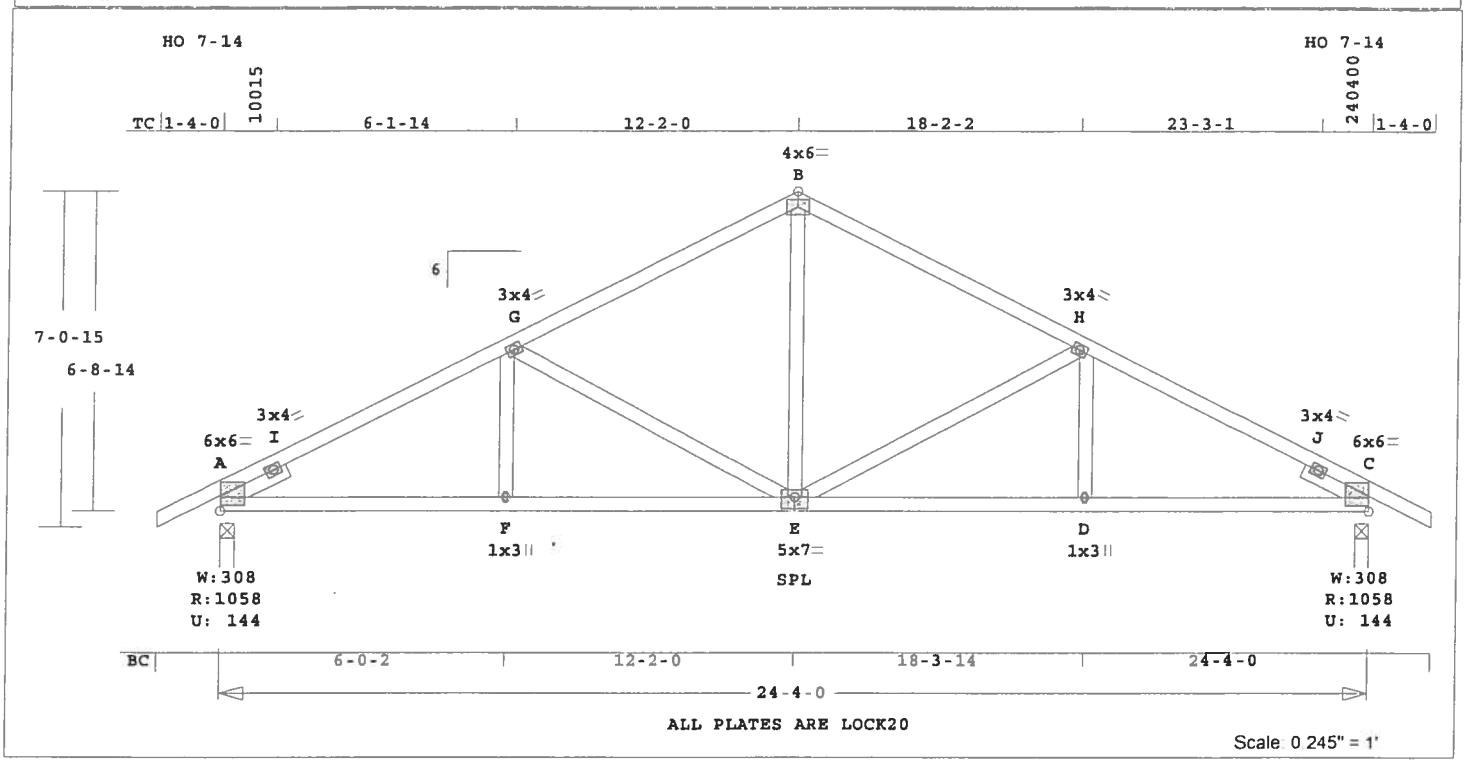
Truss Design Engineer: Vuong Phan
License # 62111
Address P.O. Box 280055, Tampa, FL 33682



Date Sealed 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	D1	10	TR	240400	6	1- 4- 0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 157.6 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.51	2x 4	SP-#2
WB	0.25	2x 4	SP-#2
SL	0.06	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
A	1059	145	3- 8	1- 8
			Hz =	-118
C	1059	145	3- 8	1- 8
			Hz =	119

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.33	944	C	0.00	0.33
I -G	0.34	1469	C	0.01	0.33
G -B	0.29	1047	C	0.01	0.28
B -H	0.29	1047	C	0.01	0.28
H -J	0.34	1469	C	0.01	0.33
J -C	0.33	944	C	0.00	0.33
Bottom Chords					
A -F	0.51	1309	T	0.21	0.30
F -E	0.38	1309	T	0.21	0.17
E -D	0.38	1309	T	0.21	0.17
D -C	0.51	1309	T	0.21	0.30
Webs					
F -G	0.03	201	T		
G -E	0.25	423	C		
E -B	0.10	568	T		
E -H	0.25	423	C		
D -H	0.03	201	T		
Sliders					
A -I	0.06	697	C		
J -C	0.06	697	C		

TL Defl -0.14" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in I -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

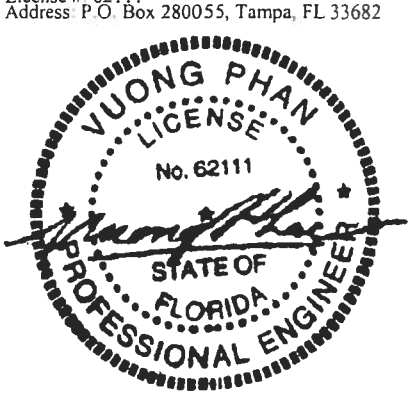
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	6.0x 6.0	3.0	0.7	0.91
I	LOCK	3.0x 4.0	Ctr	Ctr	0.50
G	LOCK	3.0x 4.0	Ctr	Ctr	0.63
B	LOCK	4.0x 6.0	Ctr	Ctr	0.60
H	LOCK	3.0x 4.0	Ctr	Ctr	0.63
J	LOCK	3.0x 4.0	Ctr	Ctr	0.50
C	LOCK	6.0x 6.0	-3.0	0.7	0.91
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
E	LOCK	5.0x 7.0	Ctr	-0.5	0.62
D	LOCK	1.0x 3.0	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
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1469 Lbs
Quality Control Factor 1.25

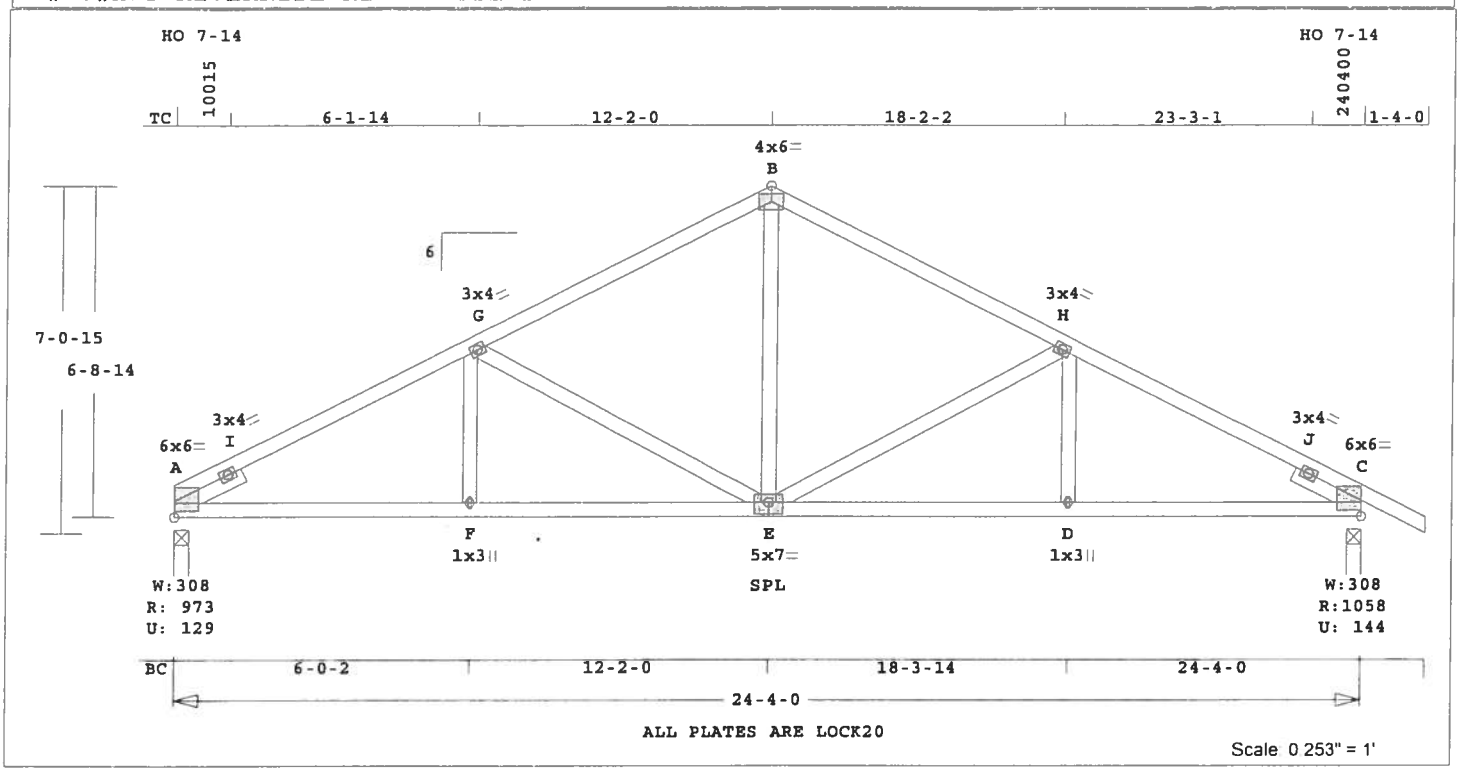
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	D2	5	TR	240400	6	0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 154.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	Size	Lumber
TC	0.34	2x 4	SP-#2
BC	0.51	2x 4	SP-#2
WB	0.25	2x 4	SP-#2
SL	0.06	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	Req'd In-Sx
A	973	130	3- 8	1- 8
			Hz =	-118
C	1059	145	3- 8	1- 8
			Hz =	119

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.33	944	C	0.00	0.33
I -G	0.34	1469	C	0.01	0.33
G -B	0.29	1047	C	0.01	0.28
B -H	0.29	1047	C	0.01	0.28
H -J	0.34	1469	C	0.01	0.33
J -C	0.33	944	C	0.00	0.33
Bottom Chords					
A -F	0.51	1309	T	0.21	0.30
F -E	0.38	1309	T	0.21	0.17
E -D	0.38	1309	T	0.21	0.17
D -C	0.51	1309	T	0.21	0.30
Webs					
F -G	0.03	201	T		
G -E	0.25	423	C		
E -B	0.10	568	T		
E -H	0.25	423	C		
D -H	0.03	201	T		
Sliders					
A -I	0.06	697	C		
J -C	0.06	697	C		

TL Defl -0.14" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in I -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

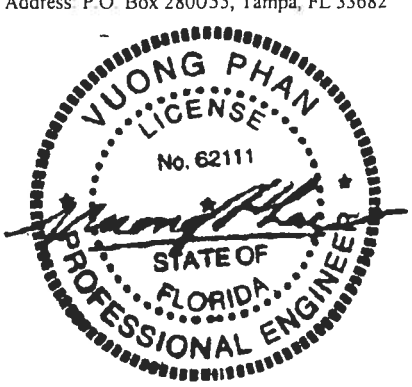
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	6.0x 6.0	3.0	0.7	0.91
I	LOCK	3.0x 4.0	Ctr	Ctr	0.50
G	LOCK	3.0x 4.0	Ctr	Ctr	0.63
B	LOCK	4.0x 6.0	Ctr	Ctr	0.60
H	LOCK	3.0x 4.0	Ctr	Ctr	0.63
J	LOCK	3.0x 4.0	Ctr	Ctr	0.50
C	LOCK	6.0x 6.0	-3.0	0.7	0.91
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
E	LOCK	5.0x 7.0	Ctr	-0.5	0.62
D	LOCK	1.0x 3.0	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
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1469 Lbs
Quality Control Factor 1.25

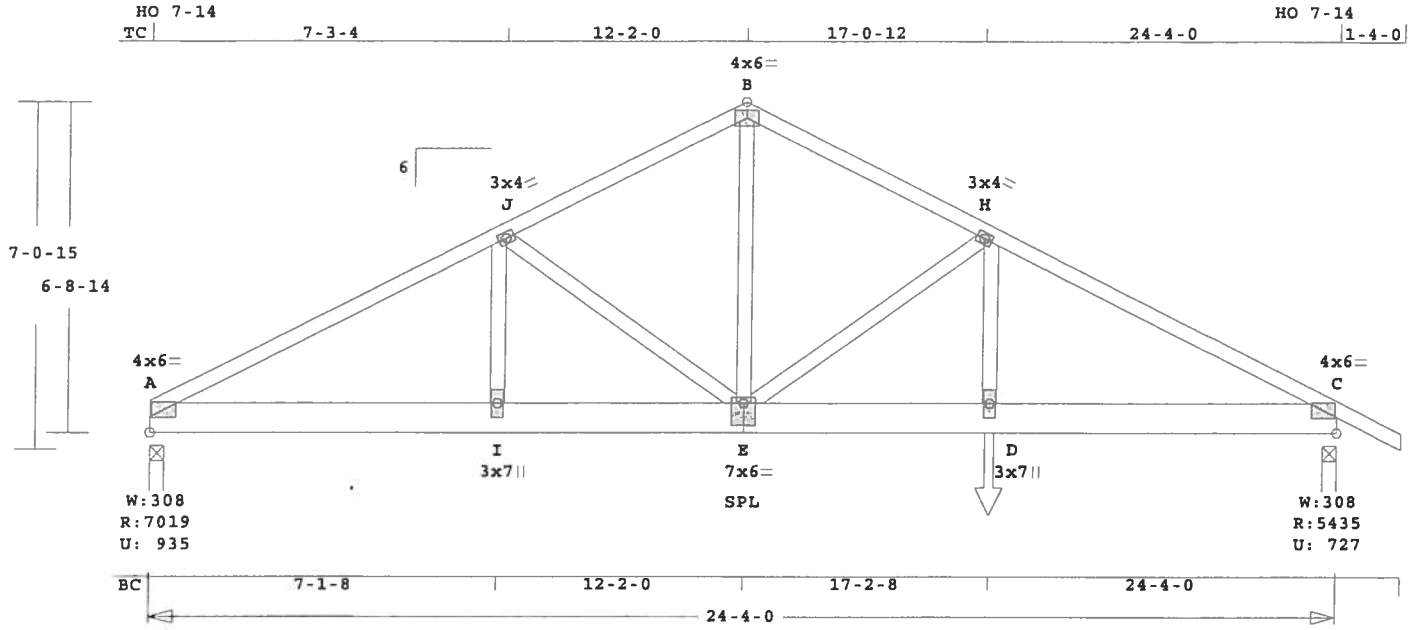
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	D3	1*3P	TR	240400	6	0	1- 4- 0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 192.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06
****
* 3-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.61	2x 8	SP-#2
WB	0.40	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

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'	24.3'
BC V	0	20	0.0'	24.3'
BC V	246	246	0.0'	16.3'
BC V	1196	1196	17.2'	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	7019	935	3- 8	2-12
			Hz =	-118
C	5435	728	3- 8	2- 2
			Hz =	119

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -J	0.41	10559 C	0.24	0.17
J -B	0.13	7747 C	0.04	0.09
B -H	0.14	7740 C	0.07	0.07
H -C	0.29	10305 C	0.18	0.11
--------Bottom Chords---------				
A -I	0.61	9437 T	0.32	0.29
I -E	0.55	9437 T	0.32	0.23
E -D	0.57	9191 T	0.31	0.26
D -C	0.55	9191 T	0.31	0.24
------------Webs-------------				
I -J	0.17	2926 T		
J -E	0.11	3119 C		
E -B	0.40	6582 T		
E -H	0.10	2813 C		
D -H	0.15	2682 T		

TL Defl -0.21" in E -D L/999
LL Defl -0.11" in E -D L/999
Shear // Grain in A -I 0.37

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.79
J	LOCK	3.0x 4.0	Ctr	Ctr	0.79
B	LOCK	4.0x 6.0	Ctr	Ctr	0.94
H	LOCK	3.0x 4.0	Ctr	Ctr	0.72
C	LOCK	4.0x 6.0	Ctr	Ctr	0.77
I	LOCK	3.0x 7.0	Ctr	-0.1	0.70
E	LOCK	7.0x 6.0	Ctr	-2.0	0.98
D	LOCK	3.0x 7.0	Ctr	-0.1	0.64

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
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	----Spacing (In)---- Nails	Screws	Bolts
TC	1	12	24	0
BC	2	12	21	0
WB	1	8	8	

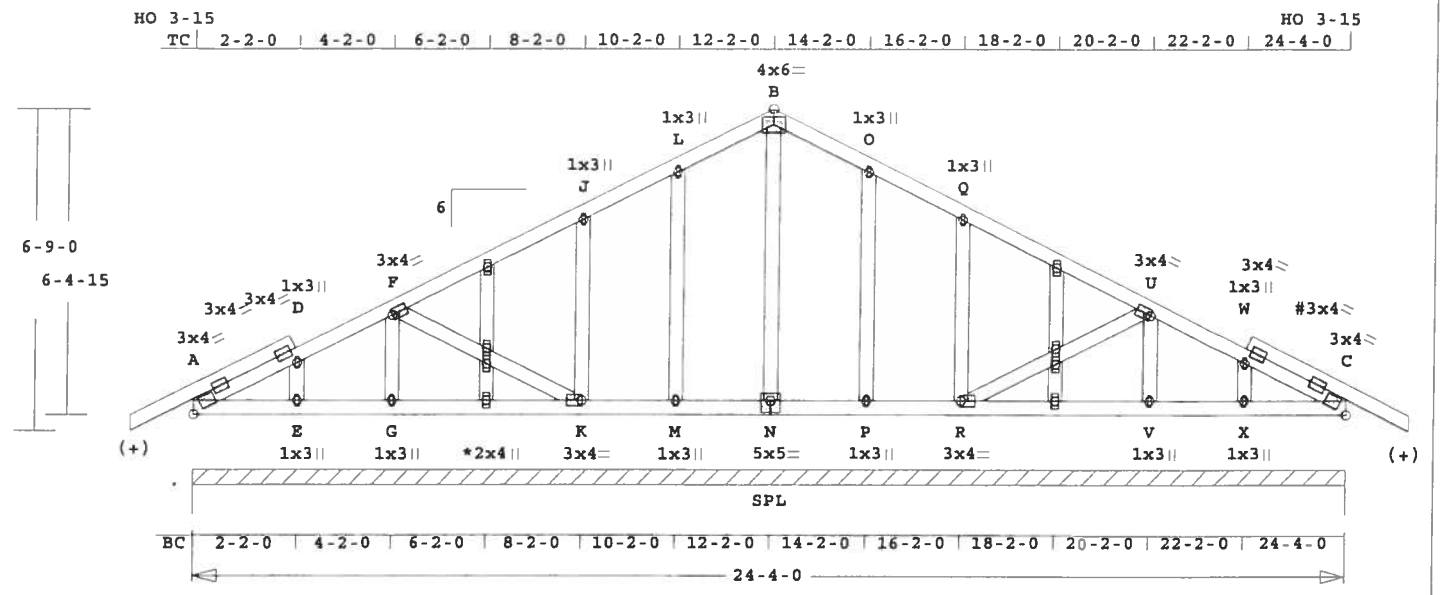
No bolts in 2x4s or smaller.
Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 10559 Lbs
Quality Control Factor 1.25

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

Date Sealed 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	D4	1	TR	240400	6	0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



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

See * For Typical Gable Plate Size and Placement

Scale 0.246" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 192.1 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.11	2x 4	SP-#2
BC	0.06	2x 4	SP-#2
WB	0.01	2x 4	SP-#2
GW	0.04	2x 4	SP-#2

(+) 2x4 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
Cont. Brg	0- 0- 0 to		24- 4- 0	
	1947	259 Hz =	118	

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -D	0.02	60	C	0.00	0.02
D -F	0.11	52	C	0.00	0.11
F -J	0.11	36	C	0.00	0.11
J -L	0.11	37	T	0.00	0.11
L -B	0.03	65	T	0.00	0.03
B -O	0.03	65	T	0.00	0.03
O -Q	0.11	37	T	0.00	0.11
Q -U	0.11	36	C	0.00	0.11
U -W	0.11	52	C	0.00	0.11
W -C	0.02	60	C	0.00	0.02
--------Bottom Chords---------					
A -E	0.02	10	C	0.00	0.02
E -G	0.06	0	T	0.00	0.06
G -K	0.06	0	T	0.00	0.06
K -M	0.06	0	T	0.00	0.06
M -N	0.02	0	T	0.00	0.02
N -P	0.02	0	T	0.00	0.02
P -R	0.06	0	T	0.00	0.06
R -V	0.06	0	T	0.00	0.06
V -X	0.06	0	T	0.00	0.06
X -C	0.02	10	C	0.00	0.02
----------Webs----------					
F -K	0.01	60	T		
R -U	0.01	60	T		
----------Gable Webs----------					
E -D	0.00	91	C		
G -F	0.01	166	C		
K -J	0.04	204	C		
M -L	0.03	95	C		
N -B	0.04	102	C		
P -O	0.03	95	C		
R -Q	0.04	204	C		
V -U	0.01	166	C		
X -W	0.00	91	C		

TL Defl -0.01" in G -K L/999
LL Defl 0.00" in G -K L/999
Shear // Grain in F -J 0.14

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.83
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75
F	LOCK	3.0x 4.0	Ctr	Ctr	0.63
J	LOCK	1.0x 3.0	Ctr	Ctr	0.75
L	LOCK	1.0x 3.0	Ctr	Ctr	0.75
B	LOCK	4.0x 6.0	Ctr	Ctr	0.60
O	LOCK	1.0x 3.0	Ctr	Ctr	0.75
Q	LOCK	1.0x 3.0	Ctr	Ctr	0.75
U	LOCK	3.0x 4.0	Ctr	Ctr	0.63
W	LOCK	1.0x 3.0	Ctr	Ctr	0.75
C	LOCK	3.0x 4.0	Ctr	Ctr	0.83
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81
G	LOCK	1.0x 3.0	Ctr	Ctr	0.81
K	LOCK	3.0x 4.0	Ctr	Ctr	0.56
M	LOCK	1.0x 3.0	Ctr	Ctr	0.81
N	LOCK	5.0x 5.0	Ctr	-0.5	0.62
P	LOCK	1.0x 3.0	Ctr	Ctr	0.81
R	LOCK	3.0x 4.0	Ctr	Ctr	0.56
V	LOCK	1.0x 3.0	Ctr	Ctr	0.81
X	LOCK	1.0x 3.0	Ctr	Ctr	0.81

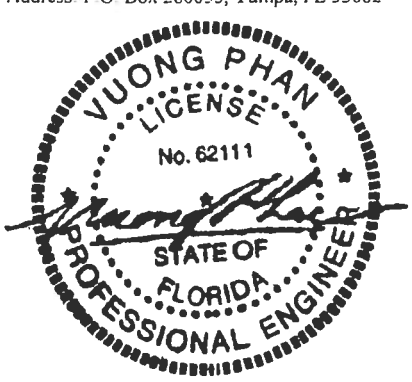
4 Gable studs to be attached with 2.0x4.0 plates each end.

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 204 Lbs
Quality Control Factor 1.25

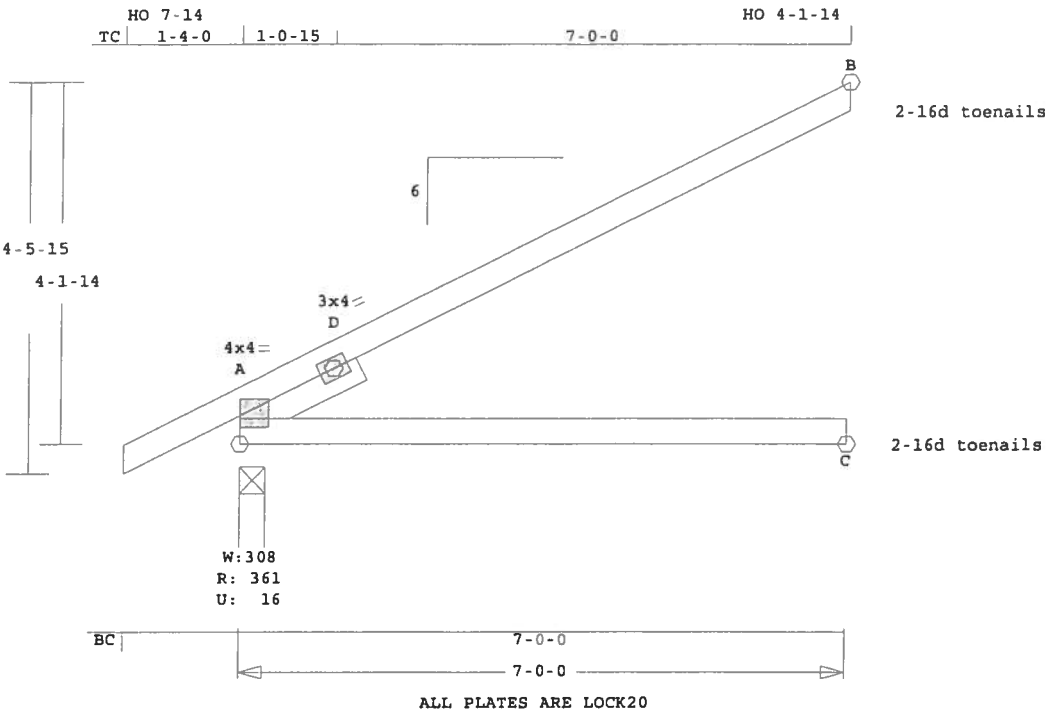
Truss Design Engineer: Vuong Phan
License # 62111
Address: P O Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	J1	18	JCA2	70000	6	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 33.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.47	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
SL	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 5 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	361	17	3- 8	1- 8
			Hz =	107
C	131	0	3- 8	1- 8
			Hz =	73
B	195	86	3- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.15	202 C	0.00 0.15
D -B	0.47	52 C	0.00 0.47
--------Bottom Chords---------			
A -C	0.35	73 T	0.00 0.35
----------Sliders------------			
A -D	0.02	175 C	

TL Defl -0.18" in A -C L/429
LL Defl -0.07" in A -C L/999
Shear // Grain in D -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 4.0	2.0	0.5	0.99
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

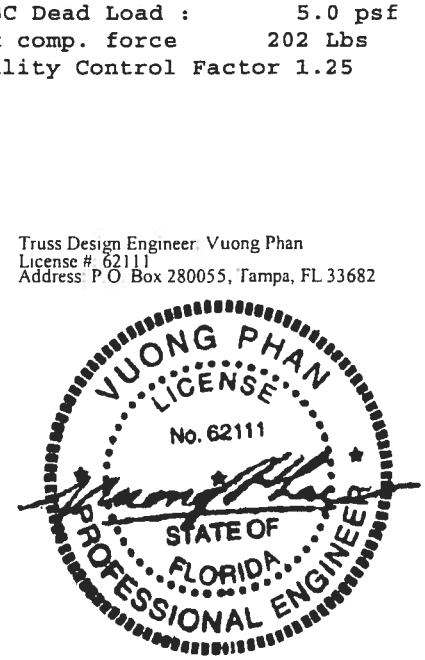
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 202 Lbs
Quality Control Factor 1.25

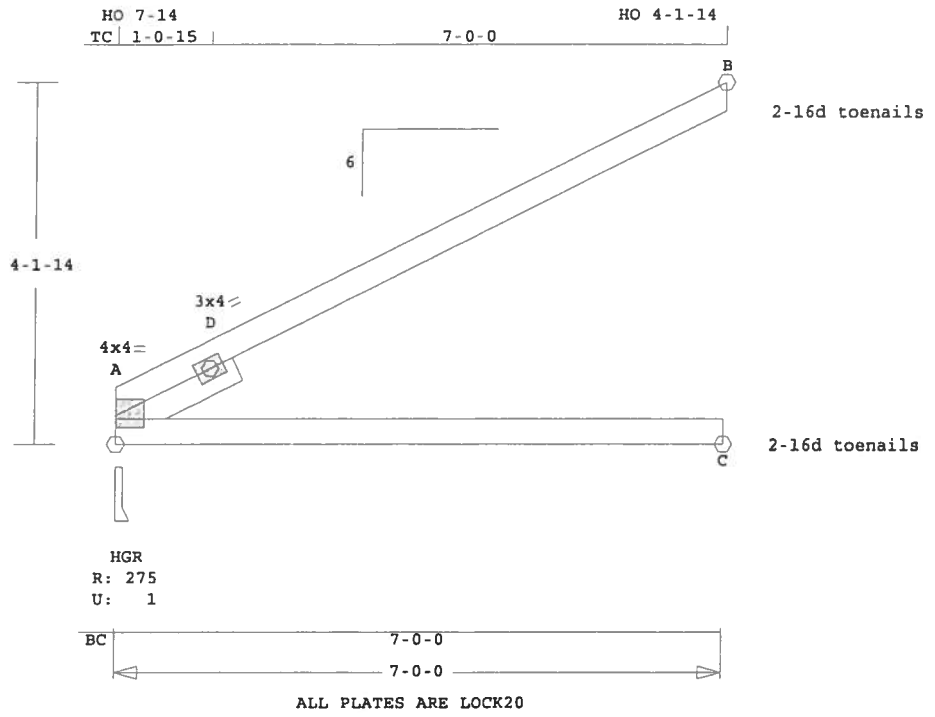
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P O Box 280055, Tampa, FL 33682



Date Scaled: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	J1A	4	JCA2	70000	6	0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Scale 0.450" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.1 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.47	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
SL	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 5 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	276	2	3- 8	1- 8
			Hz = 107	
C	131	0	3- 8	1- 8
			Hz = 73	
B	195	86	3- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.15	202 C	0.00 0.15
D -B	0.47	52 C	0.00 0.47
--------Bottom Chords---------			
A -C	0.35	73 T	0.00 0.35
----------Sliders----------			
A -D	0.02	175 C	

TL Defl -0.18" in A -C L/429
LL Defl -0.07" in A -C L/999
Shear // Grain in D -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 4.0	2.0	0.5	0.99
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

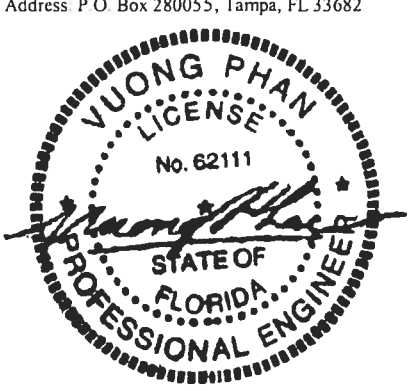
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 202 Lbs
Quality Control Factor 1.25

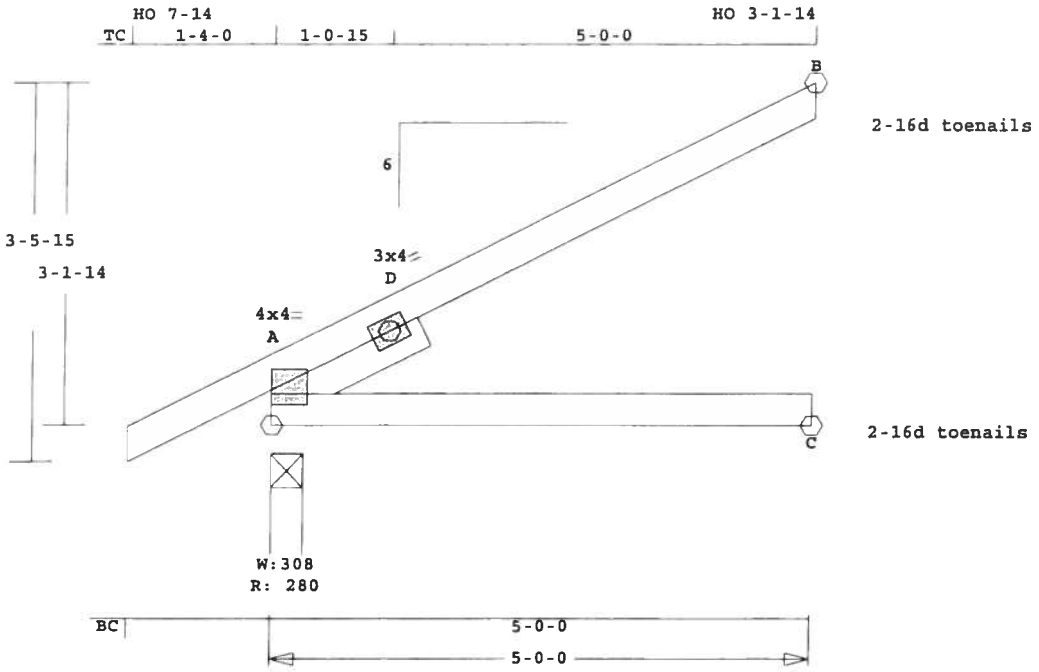
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	J2	6	JCA2	50000	6	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Scale: 0.561" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 25.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.22	2x 4	SP-#2
BC	0.17	2x 4	SP-#2
SL	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 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	281	0	3- 8	1- 8
			Hz =	77
C	93	0	3- 8	1- 8
			Hz =	52
B	141	63	3- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.09	98 C	0.00 0.09
D -B	0.22	37 C	0.00 0.22
--------Bottom Chords---------			
A -C	0.17	52 T	0.00 0.17
----------Sliders------------			
A -D	0.01	90 T	

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in D -B 0.14

Plates for each ply each face.
PLATING CONFORMS TO TPI.
REPORT: NER 691
ROBBINS ENGINEERING, INC.
BASED ON SP LUMBER
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 4.0	2.0	0.5	0.93
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 98 Lbs
Quality Control Factor 1.25

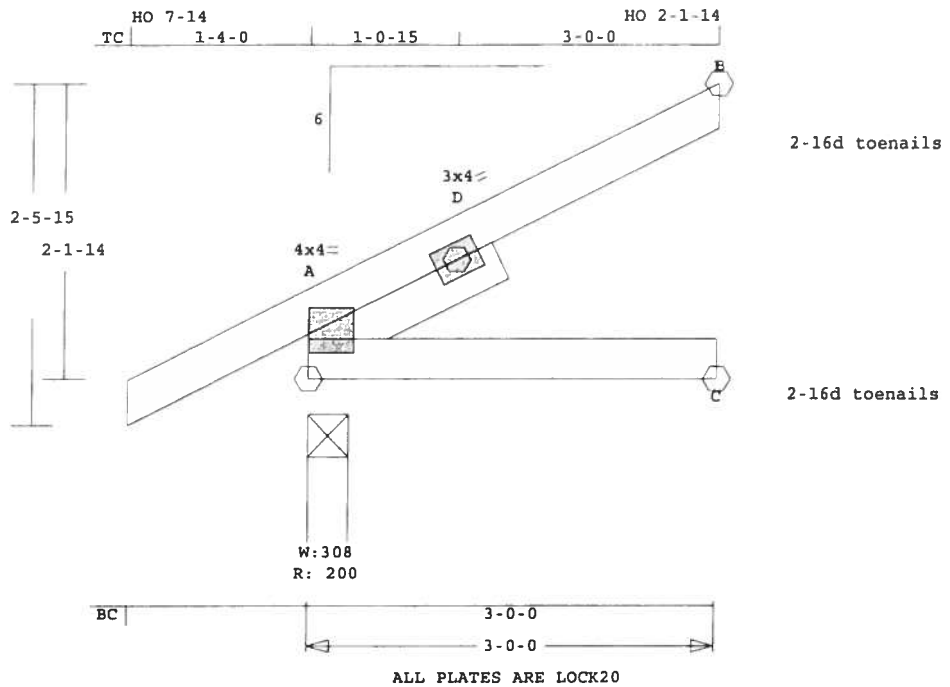
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

VUONG PHAN LICENSE No. 62111 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Scaled: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	J3	7	JCA2	30000	6	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



ALL PLATES ARE LOCK20

Scale: 0.707" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 17.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.06	2x 4	SP-#2
BC	0.05	2x 4	SP-#2
SL	0.00	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 5 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	201	0	3- 8	1- 8
			Hz =	46
C	54	0	3- 8	1- 8
			Hz =	31
B	88	41	3- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.05	39 C	0.00 0.05
D -B	0.06	23 C	0.00 0.06
--------Bottom Chords---------			
A -C	0.05	31 T	0.00 0.05
----------Sliders------------			
A -D	0.00	43 T	

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in D -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	4.0x 4.0	2.0	0.5	0.93
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 39 Lbs
Quality Control Factor 1.25

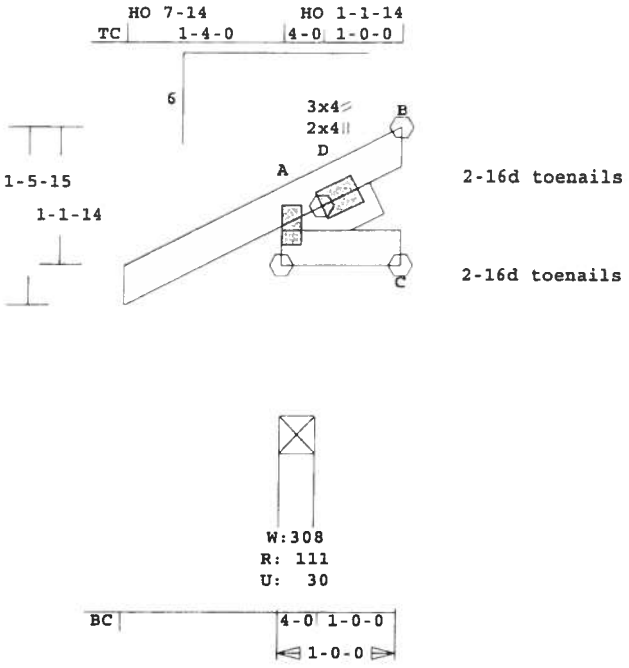
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

VUONG PHAN LICENSE No. 62111 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	J4	8	JCA2	10000	6	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Scale: 0.614" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.7 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.00	2x 4	SP-#2
BC	0.00	2x 4	SP-#2
SL	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 5 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
A	112	31	3- 8	1- 8
			Hz =	15
C	19	0	3- 8	1- 8
D	40	19	3- 8	1- 8
			Hz =	10

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
D -B	0.00	3 C	

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

D -C	0.00	0 T	

----------Sliders----------

D -D	0.00	4 T	

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in D -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
D	LOCK	2.0x 4.0	1.0	0.3	0.88
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

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

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

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

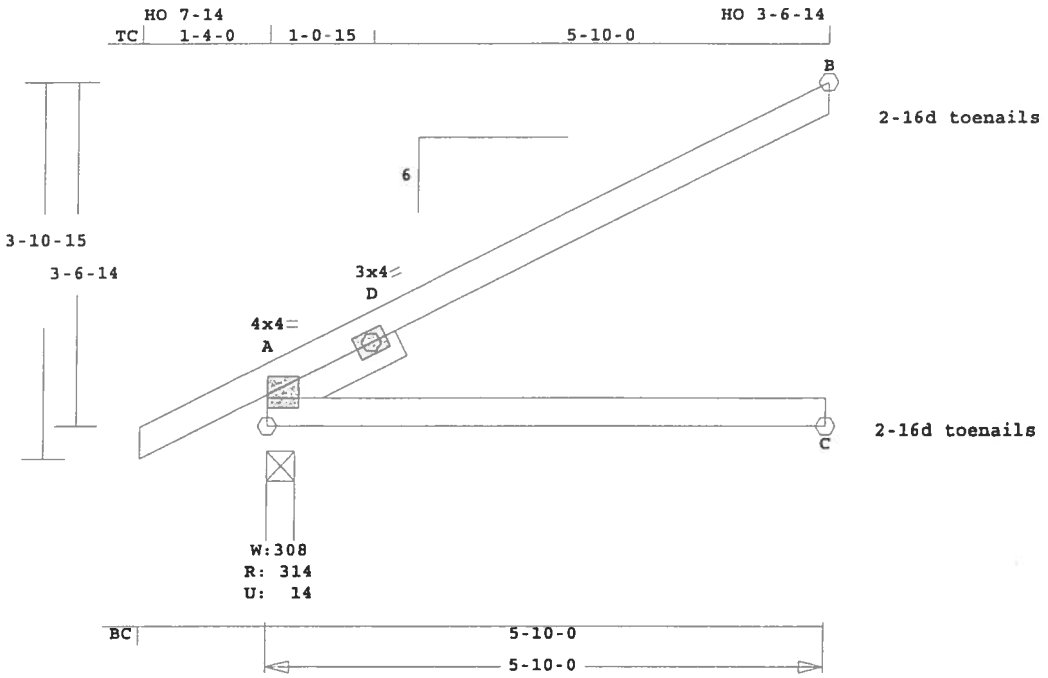
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior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

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

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	J5	3	JCA2	51000	6	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 29.3 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.31	2x 4	SP-#2
BC	0.24	2x 4	SP-#2
SL	0.01	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	5-10- 0
BC Cont.	0- 0- 0	5-10- 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 5 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	314	15	3- 8	1- 8
			Hz =	89
C	109	0	3- 8	1- 8
			Hz =	61
B	163	73	3- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.11	137 C	0.00 0.11
D -B	0.31	43 C	0.00 0.31
--------Bottom Chords---------			
A -C	0.24	60 T	0.00 0.24
----------Sliders----------			
A -D	0.01	115 T	

TL Defl -0.08" in A -C L/760
LL Defl -0.03" in A -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
A	LOCK	4.0x 4.0	2.0	0.5	0.96
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 137 Lbs
Quality Control Factor 1.25

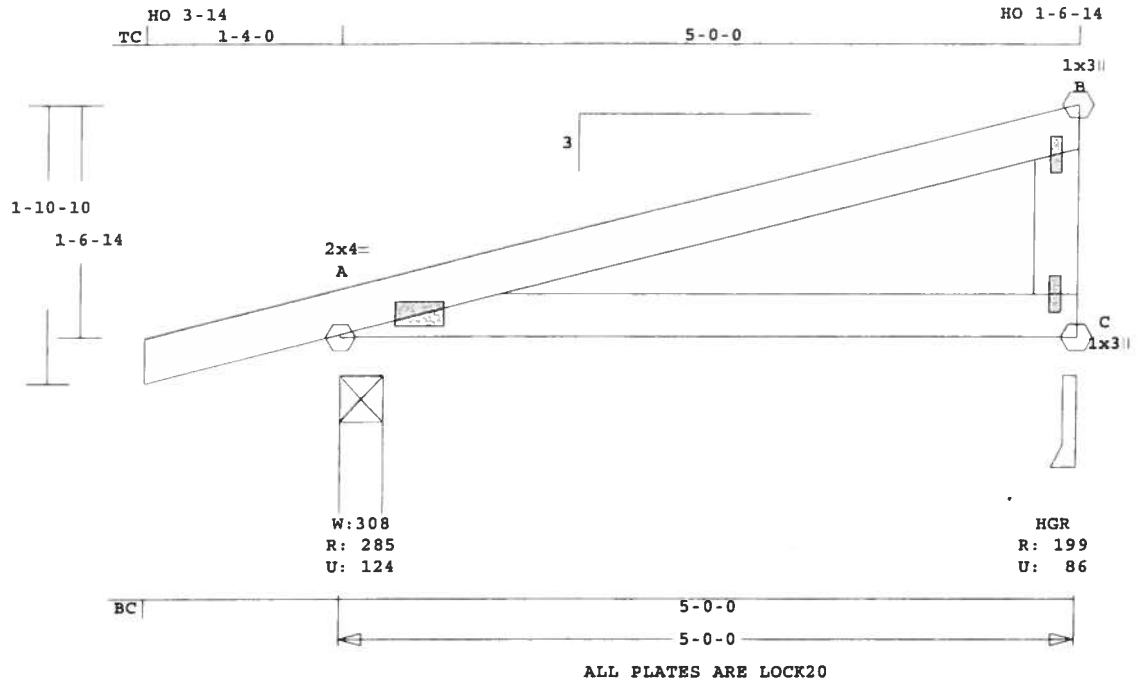
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682

VUONG PHAN LICENSE No. 62111 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	J6	13	SP	50000	3	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Scale: 0.763" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.8 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.23	2x 4	SP-#2
BC	0.19	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 5 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	285	125	3- 8	1- 8
			Hz =	20
C	200	87	3- 8	1- 8
			Hz =	42

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.23	17 C	0.00 0.23
--------Bottom Chords---------			
A -C	0.19	32 T	0.00 0.19
------------Webs------------			
C -B	0.01	132 C	WindLd

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.15

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	0.80
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
C	LOCK	1.0x 3.0	Ctr	Ctr	0.75

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

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

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

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

User-defined wind-exposed BC regions	--From--	---To---
	0- 0- 0	5- 0- 0

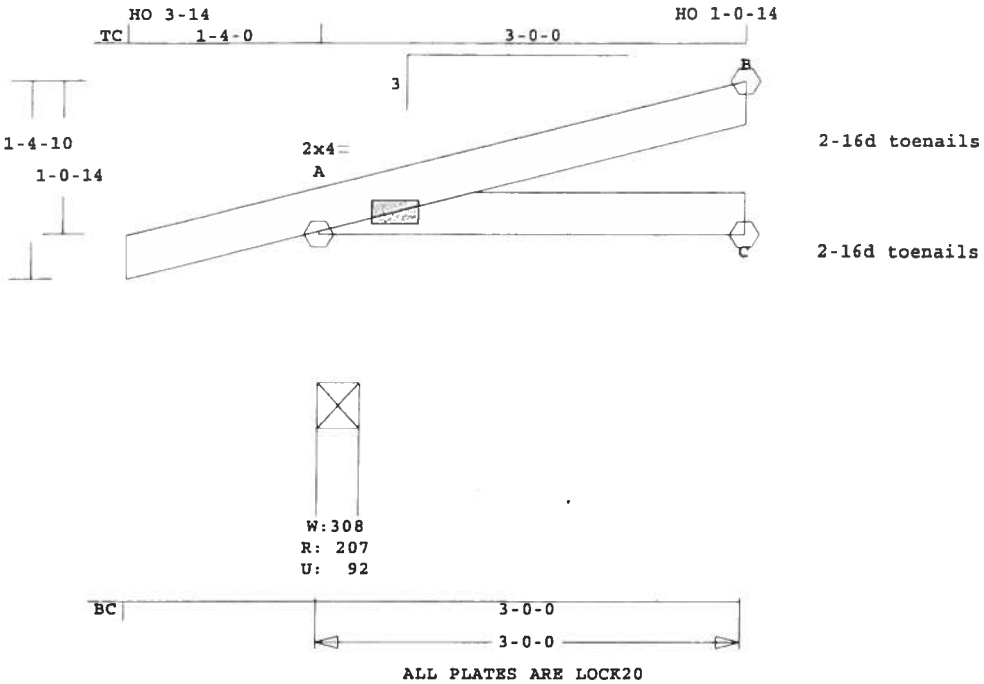
Max comp. force 132 Lbs
Quality Control Factor 1.25

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

Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
HAS-RIVERRISE	J7	4	SP	30000	3	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Scale 0 738" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 14.2 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.07	2x 4	SP-#2
BC	0.07	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 5 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	207	92	3- 8	1- 8
			Hz =	24
C	49	19	1- 8	1- 8
B	78	33	1- 8	1- 8
			Hz =	15

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.07	10 C	0.00 0.07
--------Bottom Chords---------			
A -C	0.07	0 T	0.00 0.07

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

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	0.79

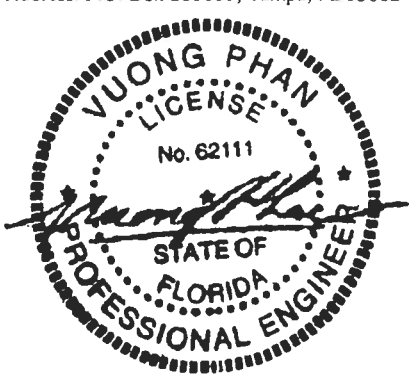
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 3- 0- 0
Max comp. force 10 Lbs
Quality Control Factor 1.25

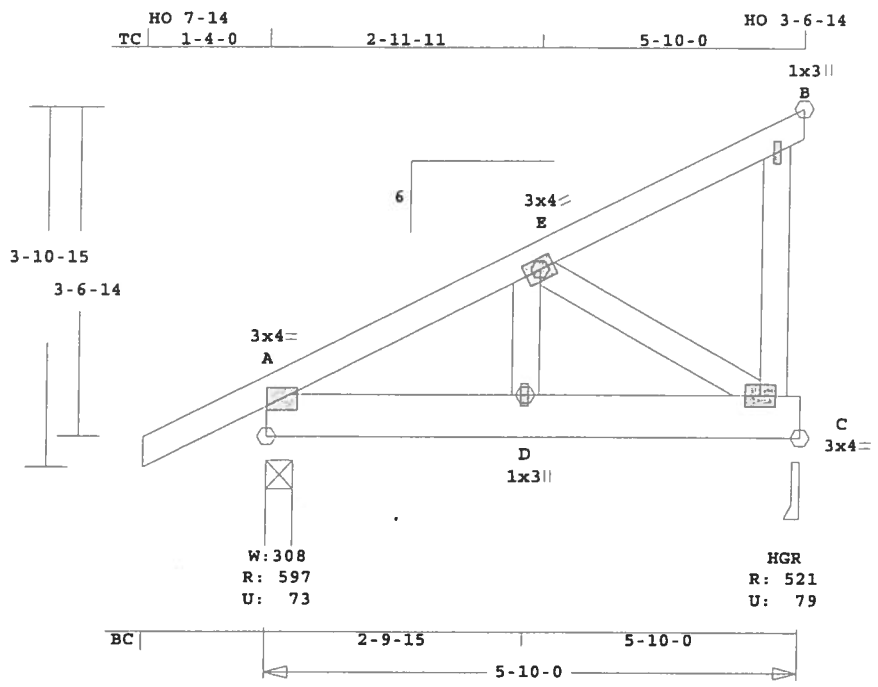
Truss Design Engineer: Vuong Phan
License # 62111
Address P O Box 280055, Tampa, FL 33682



Date Sealed 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	JG1	1	MONO.DD	51000	6	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Scale 0.475" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 44.9 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.08	2x 4	SP-#2
BC	0.14	2x 6	SP-#2
WB	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	5-10- 0
BC Cont.		0- 0- 0	5-10- 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'	5.8'
BC V	50	70	0.0'	5.8'

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
A	597	74	3- 8	1- 8
			Hz =	-40
C	521	79	3- 8	1- 8
			Hz =	103

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -E	0.06	478 C	0.00 0.06
E -B	0.08	38 C	0.00 0.08
--------Bottom Chords---------			
A -D	0.12	427 T	0.05 0.07
D -C	0.14	427 T	0.05 0.09
------------Webs------------			
D -E	0.05	306 T	
E -C	0.07	502 C	
C -B	0.01	78 C	WindLd

TL Defl -0.01" in D -C L/999
LL Defl 0.00" in D -C L/999
Shear // Grain in A -D 0.15

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	0.5	0.2	0.86
E	LOCK	3.0x 4.0	Ctr	Ctr	0.42
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75
C	LOCK	3.0x 4.0	Ctr	Ctr	0.61

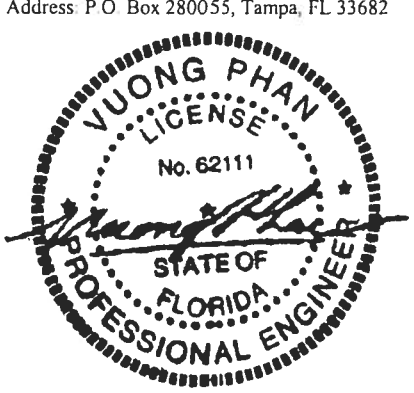
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 502 Lbs
Quality Control Factor 1.25

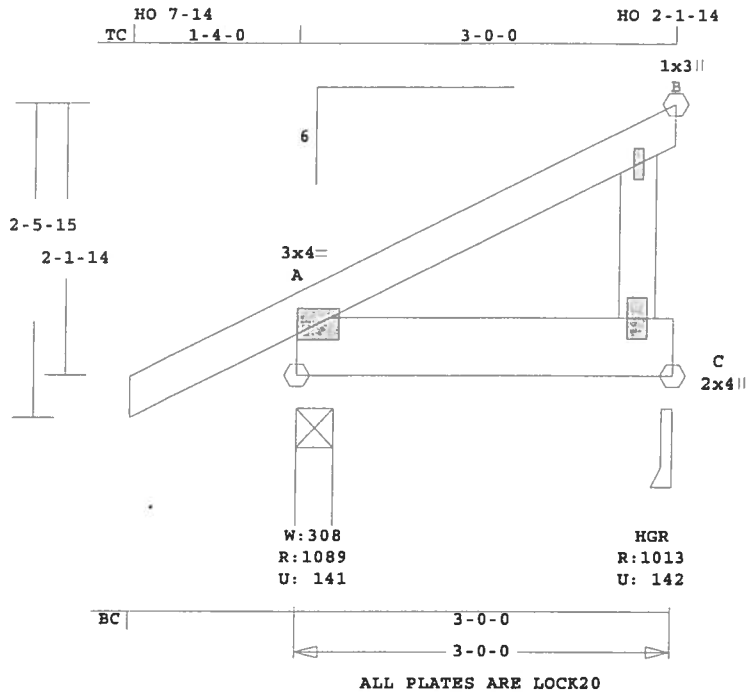
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HAS-RIVERRISE	JG2	1	MONO.DD	30000	6	1- 4- 0	0	T06082945

U# J#HAS-RIVERRISE RIVER RISE SPEC



Scale: 0.651" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 20.4 LBS

Online Plus -- Version 19.0.034
RUN DATE: 26-AUG-06

	CSI	-Size-	----Lumber----
TC	0.16	2x 4	SP-#2
BC	0.50	2x 6	SP-#2
WB	0.01	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=1.00 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'	3.0'
BC V	312	332	0.0'	3.0'

Plus 5 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
A	1089	142	3- 8	1- 8
			Hz =	-20
C	1013	142	3- 8	1- 8
			Hz =	52

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.16	26 C	0.00 0.16
--------Bottom Chords---------			
A -C	0.50	39 T	0.00 0.50
------------Webs------------			
C -B	0.01	106 C	WindLd

TL Defl -0.02" in A -C L/999
LL Defl -0.01" in A -C L/999
Shear // Grain in A -C 0.67

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	0.5	0.2	0.86
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
C	LOCK	2.0x 4.0	Ctr	Ctr	0.38

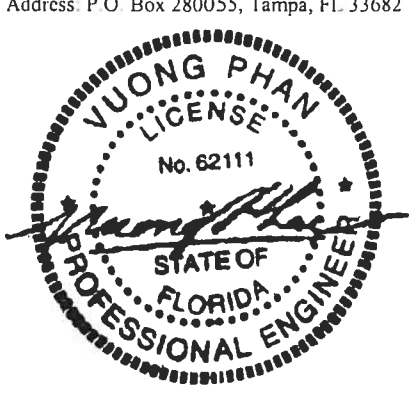
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 Common
Loading BC
Span 33- 2- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.

Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 106 Lbs
Quality Control Factor 1.25

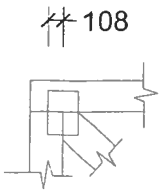
Truss Design Engineer: Vuong Phan
License #: 62111
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 8/28/2006

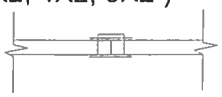
ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



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

FLOOR TRUSS SPLICE (3X2, 4X2, 6X2)



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

LATERAL BRACING

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

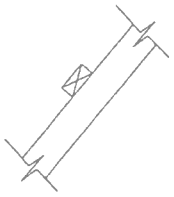
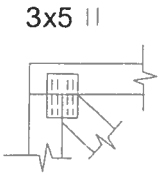


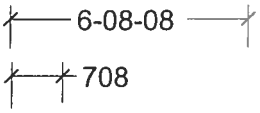
PLATE SIZE AND ORIENTATION

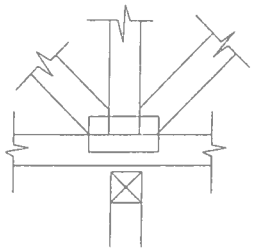


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

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





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

BEARING

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

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

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

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

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