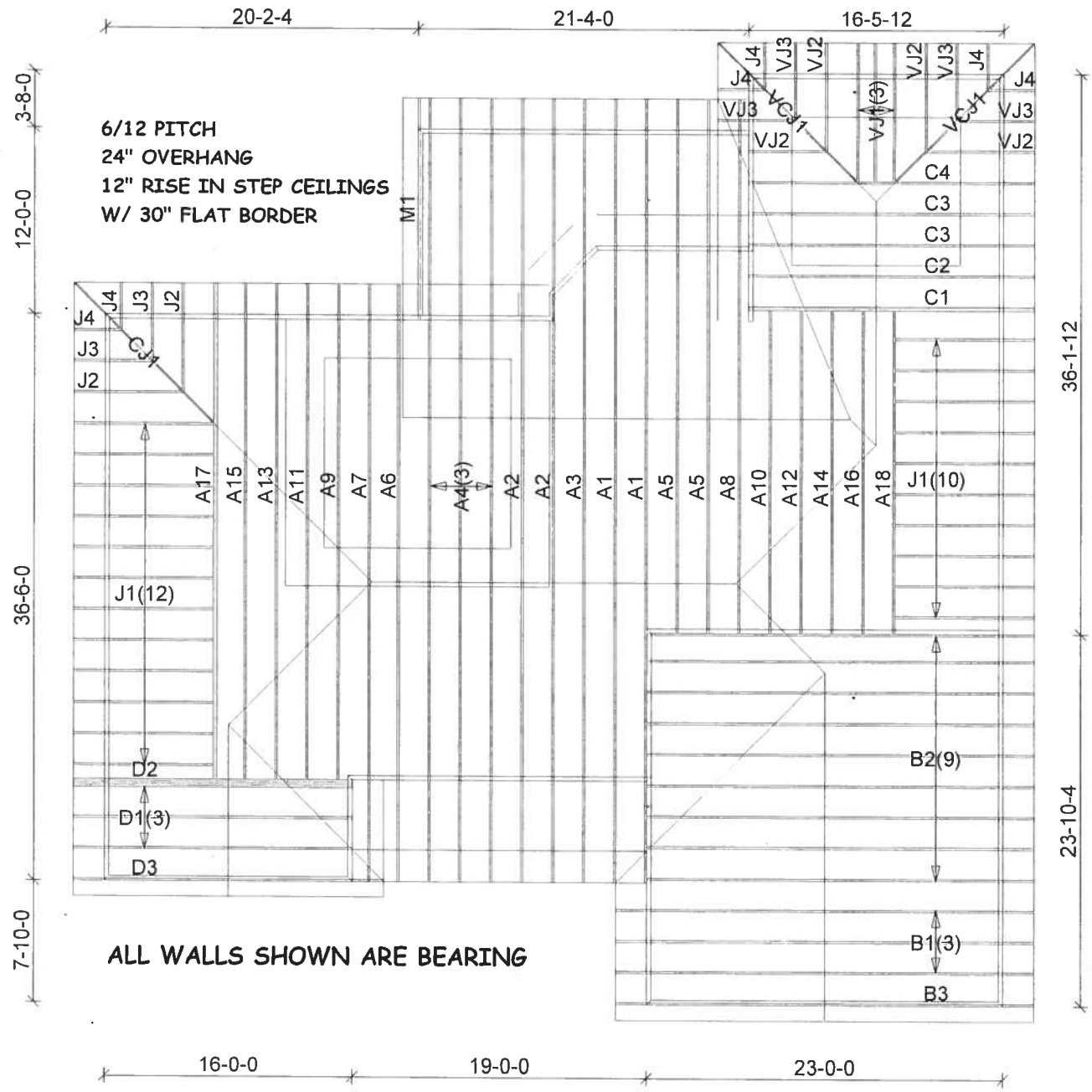


Mayo Truss Co. Inc.
845 East US 27
MAYO, FL 32066
(386)294-3988
(877)-558-6262

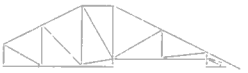
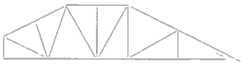
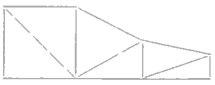
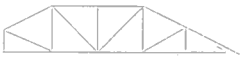
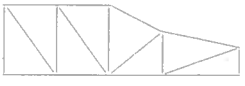
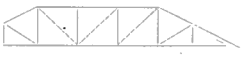
K & H FRAMING

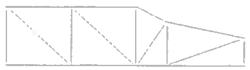
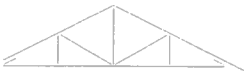
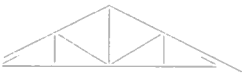
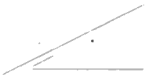
EMERALD COVE LOT 89

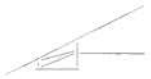
110 MPH ASCE WIND LOAD

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

Account: CONTRACTORS
Job: KH-MAYFAIR36
Designer: M.MURRAY
Checker: M.MURRAY
Date: 08-30-06

Qty	Plys	Truss Type	Mark	Reactions Horizontal	Vertical	Uplift	Sketch
2	1	PCH3	KH-MAYFAIR36/ A1	178	1843	350	
					1921	325	
				157	211	150	
2	1	PCH3	KH-MAYFAIR36/ A2	178	1646	315	
					1883	398	
				157	445	176	
2	1	PCH3	KH-MAYFAIR36/ A3	178	1804	344	
					1912	337	
				157	259	157	
3	1	SP	KH-MAYFAIR36/ A4	177	1621	314	
					1972	403	
				156	382	184	
2	1	PCH3	KH-MAYFAIR36/ A5	292	959	136	
					1458	261	
				120	308	156	
1	1	SP	KH-MAYFAIR36/ A6	185	1710	333	
				198	1305	171	
1	1	SP	KH-MAYFAIR36/ A7	185	1710	333	
				198	1305	171	
1	1	PCH3	KH-MAYFAIR36/ A8	292	959	137	
					1458	181	
				121	308	78	
1	1	SP	KH-MAYFAIR36/ A9	206	1193	160	
				165	1334	182	
1	1	SP	KH-MAYFAIR36/ A10	272	835	120	
				160	835	101	
1	1	HIPP	KH-MAYFAIR36/ A11	181	1200	160	
				128	1327	181	
1	1	SP	KH-MAYFAIR36/ A12	245	835	126	
				142	835	102	
1	1	HIPP	KH-MAYFAIR36/ A13	161	1199	160	
				107	1328	181	
1	1	SP	KH-MAYFAIR36/ A14	208	835	121	
				125	835	105	
1	1	HIPP	KH-MAYFAIR36/ A15	140	1200	160	
				87	1328	181	

Qty	Plys	Truss Type	Mark	Reactions Horizontal	Vertical	Uplift	Sketch
			KH-MAYFAIR36/				
1	1	SP	A16	172	835	117	
				109	835	107	
			KH-MAYFAIR36/				
1	2	HHIP	A17	137	2574	346	
				62	2630	354	
			KH-MAYFAIR36/				
1	1	FLAT	A18	124	1880	250	
				124	1880	250	
			KH-MAYFAIR36/				
3	1	TR	B1	110	1047	144	
				110	1047	144	
			KH-MAYFAIR36/				
9	1	TR	B2	110	919	122	
				110	1047	144	
			KH-MAYFAIR36/				
1	1	TR	B3		1840 Continuous Brg		
			KH-MAYFAIR36/				
1	2	TR	C1	71	3868	515	
				71	2661	360	
			KH-MAYFAIR36/				
1	1	TR	C2	71	659	87	
				71	787	110	
			KH-MAYFAIR36/				
2	1	SP	C3	93	659	87	
				93	787	110	
			KH-MAYFAIR36/				
1	1	SP	C4	83	1341	179	
				83	1468	202	
			KH-MAYFAIR36/				
1	1	MONO	CJ1	51	458	86	
					336	4	
				135	263	88	
			KH-MAYFAIR36/				
3	1	KI	D1	68	768	107	
				68	639	85	
			KH-MAYFAIR36/				
1	2	TR	D2	68	3302	445	
				68	5159	687	
			KH-MAYFAIR36/				
1	1	TR	D3		1279 Continuous Brg		
			KH-MAYFAIR36/				
22	1	JCA2	J1	107	403		
					195	88	
				73	131		
			KH-MAYFAIR36/				
2	1	JCA2	J2	76	323		
					141	66	
				52	93		

Qty	Plys	Truss Type	Mark	Reactions Horizontal	Vertical	Uplift	Sketch
2	1	JCA2	KH-MAYFAIR36/ J3	45	243		
					87	44	
				31	54		
6	1	JCA2	KH-MAYFAIR36/ J4	15	165		
				10	18	2	
					29	15	
1	1	MONO	KH-MAYFAIR36/ M1		983 Continuous Brg		
2	1	SP	KH-MAYFAIR36/ VCJ1	52	570	89	
					329	8	
				125	339	54	
3	1	SP	KH-MAYFAIR36/ VJ1	119	409	71	
					126	5	
				82	168	69	
4	1	SP	KH-MAYFAIR36/ VJ2	76	330	59	
					93	16	
				52	103	40	
4	1	SP	KH-MAYFAIR36/ VJ3	45	250	53	
					59	17	
				31	57	21	

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:KH-EMERALD - KH-EMERALD COVE LOT 89

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
T06070087	07/03/2006		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.

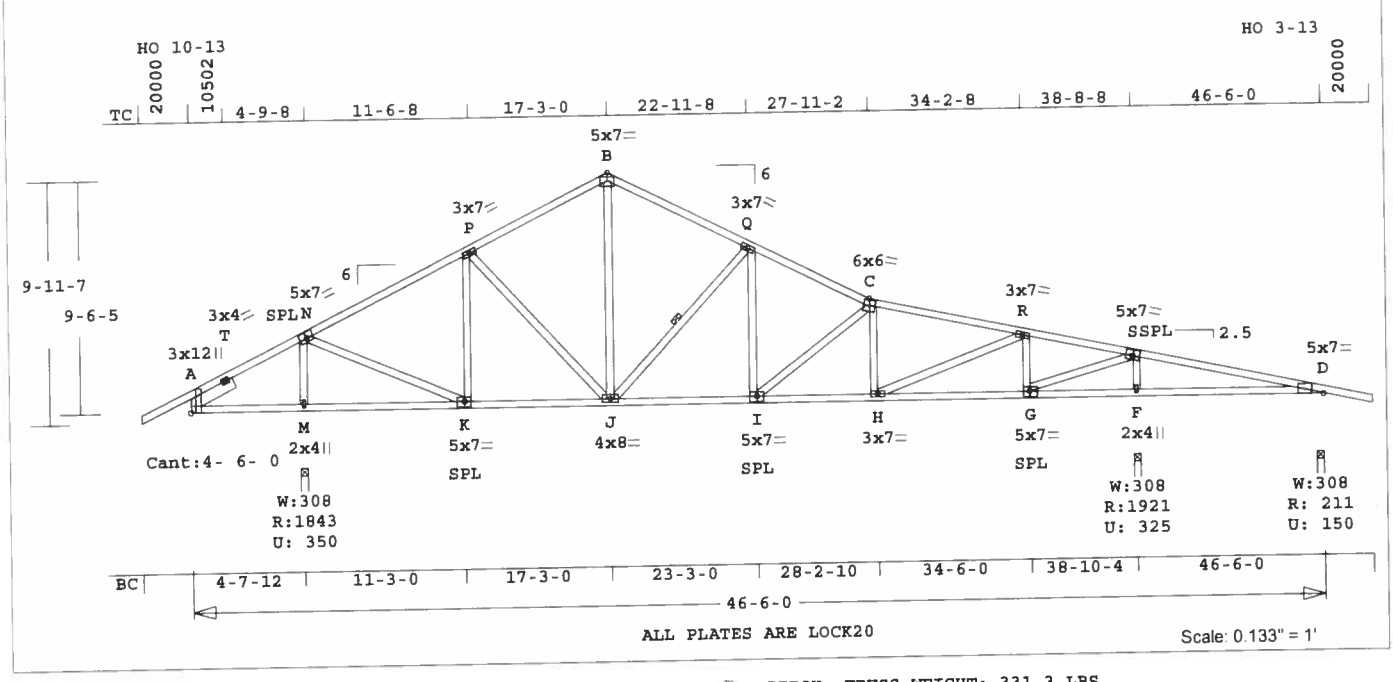
	Date	Mark		Date	Mark		Date	Mark		Date	Mark
1	07/03/06	A1	2	07/03/06	A2	3	07/03/06	A3	4	07/03/06	A4
5	07/03/06	A5	6	07/03/06	A6	7	07/03/06	A7	8	07/03/06	A8
9	07/03/06	A9	10	07/03/06	A10	11	07/03/06	A11	12	07/03/06	A12
13	07/03/06	A13	14	07/03/06	A14	15	07/03/06	A15	16	07/03/06	A16
17	07/03/06	A17	18	07/03/06	A18	19	07/03/06	B1	20	07/03/06	B2
21	07/03/06	B3	22	07/03/06	C1	23	07/03/06	C2	24	07/03/06	C3
25	07/03/06	C4	26	07/03/06	CJ1	27	07/03/06	D1	28	07/03/06	D2
29	07/03/06	D3	30	07/03/06	J1	31	07/03/06	J2	32	07/03/06	J3
33	07/03/06	J4	34	07/03/06	M1	35	07/03/06	VCJ1	36	07/03/06	VJ1
37	07/03/06	VJ2	38	07/03/06	VJ3						

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A1	2	PCH3	460600	6	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



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

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.64	2x 4	SP-#2
BC	0.47	2x 4	SP-#2
WB	0.44	2x 4	SP-#2
SL	0.02	2x 6	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	46- 6- 0
BC Cont.	0- 0- 0	46- 6- 0

WB 1 rows CLB on J -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
M	1843	350	3- 8	1-15
			Hz =	-177
F	1922	326	3- 8	2- 1
D	211	151	3- 8	1- 8
			Hz =	157

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -T	0.18	56	T	0.01	0.17
T -N	0.44	249	T	0.04	0.40
N -P	0.41	1181	C	0.01	0.40
P -B	0.38	1208	C	0.01	0.37
B -Q	0.32	1206	C	0.01	0.31
Q -C	0.33	1853	C	0.02	0.31
C -R	0.42	2346	C	0.07	0.35
R -S	0.52	1553	C	0.01	0.51
S -D	0.64	792	T	0.13	0.51
Bottom Chords					
A -M	0.24	183	C	0.00	0.24
M -K	0.24	183	C	0.00	0.24
K -J	0.31	1055	T	0.11	0.20
J -I	0.39	1671	T	0.28	0.11
I -H	0.47	2303	T	0.38	0.09
H -G	0.38	1513	T	0.25	0.13
G -F	0.36	765	C	0.00	0.36
F -D	0.39	765	C	0.00	0.39
Webs					
M -N	0.21	1555	C		
N -K	0.24	1349	T		
K -P	0.21	418	C		
P -J	0.10	115	C		
J -B	0.13	745	T		
J -Q	0.21	877	C		1 Br
I -Q	0.10	580	T		
I -C	0.37	792	C		
H -C	0.03	197	C		
H -R	0.15	847	T		
G -R	0.08	758	C		
G -S	0.44	2421	T		
F -S	0.16	1711	C		
Sliders					
A -T	0.02	150	T		

TL Defl -0.15" in F -D L/591
LL Defl -0.06" in F -D L/999
LL Cant -0.01" in A -M L/999
Shear // Grain in S -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	3.0x12.0	3.9	0.8	0.74
T	LOCK	3.0x 4.0	Ctr	Ctr	0.95
N	LOCK	5.0x 7.0	-0.2	0.5	0.84
P	LOCK	3.0x 7.0	Ctr	Ctr	0.48
B	LOCK	5.0x 7.0	Ctr	-0.3	0.74
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.50
C	LOCK	6.0x 6.0	Ctr	Ctr	0.86
R	LOCK	3.0x 7.0	Ctr	Ctr	0.43
S	LOCK	5.0x 7.0	0.1	0.5	0.86
D	LOCK	5.0x 7.0	-9.2	2.3	0.89
M	LOCK	2.0x 4.0	Ctr	Ctr	0.52
K	LOCK	5.0x 7.0	Ctr	-0.5	0.86
J	LOCK	4.0x 8.0	Ctr	Ctr	0.46
I	LOCK	5.0x 7.0	Ctr	-0.5	0.86
H	LOCK	3.0x 7.0	Ctr	Ctr	0.52
G	LOCK	5.0x 7.0	Ctr	-0.5	0.86
F	LOCK	2.0x 4.0	Ctr	Ctr	0.52

REVIEWED BY:

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

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

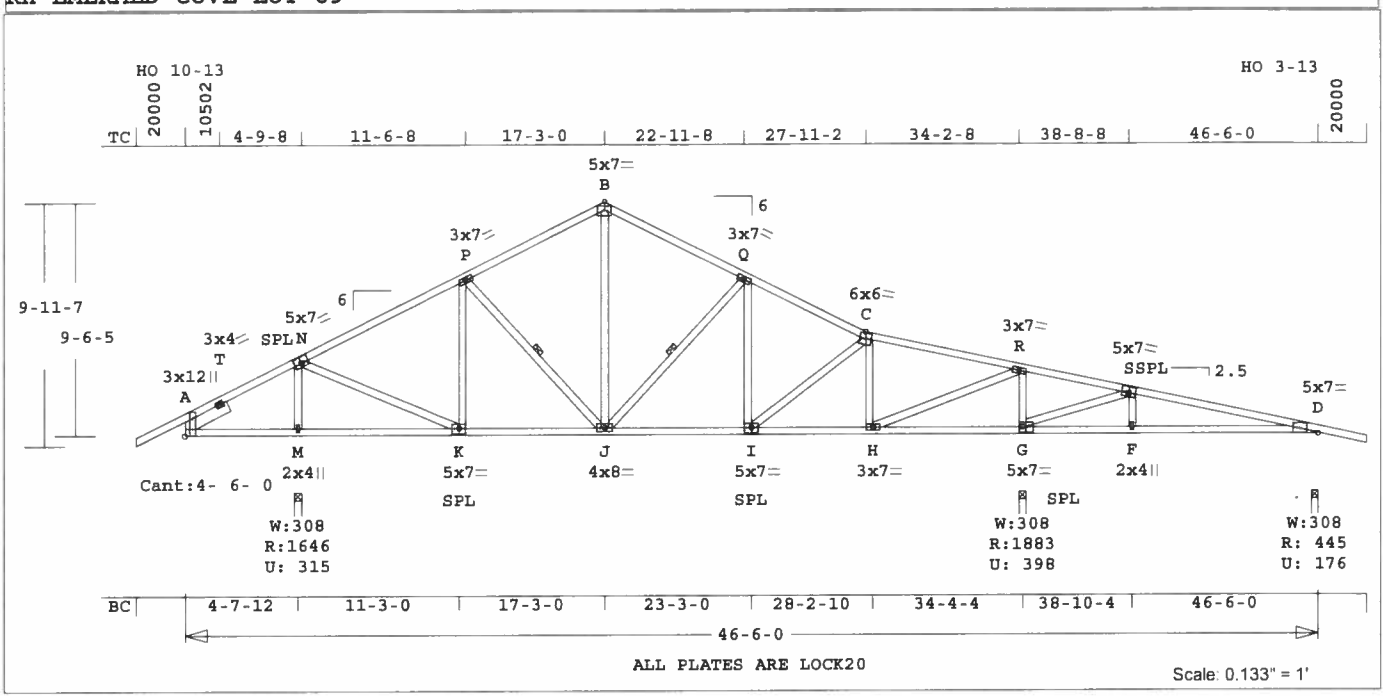
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
38-10- 4 46- 6- 0
Max comp. force 2346 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A2	2	PCH3	460600	6	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



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

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	Size	Lumber
TC	0.52	2x 4	SP-#2
BC	0.39	2x 4	SP-#2
WB	0.36	2x 4	SP-#2
SL	0.02	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	46- 6- 0
BC Cont.		0- 0- 0	46- 6- 0

WB 1 rows CLB on P -J
WB 1 rows CLB on J -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 Req'd In-Sx	In-Sx
M	1647	316	3- 8	1-12
			Hz =	-177
G	1883	398	3- 8	2- 0
D	446	177	3- 8	1- 8
			Hz =	157

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -T	0.18	55	T	0.01	0.17
T -N	0.44	250	T	0.04	0.40
N -P	0.40	946	C	0.00	0.40
P -B	0.37	908	C	0.00	0.37
B -Q	0.29	904	C	0.00	0.29
Q -C	0.29	1214	C	0.00	0.29
C -R	0.32	1114	C	0.01	0.31
R -S	0.52	735	T	0.11	0.41
S -D	0.41	248	C	0.00	0.41
Bottom Chords					
A -M	0.24	184	C	0.00	0.24
M -K	0.24	184	C	0.00	0.24
K -J	0.28	845	T	0.08	0.20
J -I	0.29	1094	T	0.18	0.11
I -H	0.27	1103	T	0.11	0.16
H -G	0.17	722	C	0.00	0.17
G -F	0.28	251	T	0.04	0.24
F -D	0.39	251	T	0.04	0.35
Webs					
M -N	0.18	1360	C		
N -K	0.20	1122	T		
K -P	0.16	327	C		
P -J	0.03	134	C		1 Br
J -B	0.08	490	T		
J -Q	0.10	424	C		1 Br
I -Q	0.03	213	T		
I -C	0.01	40	C		
H -C	0.12	626	C		
H -R	0.36	1954	T		
G -R	0.17	1438	C		
G -S	0.29	1034	C		
F -S	0.04	261	T		
Sliders					
A -T	0.02	152	T		

TL Defl -0.18" in F -D L/793
LL Defl -0.08" in F -D L/999
LL Cant -0.01" in A -M L/999
Shear // Grain in S -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	3.0x12.0	3.9	0.8	0.74
T	LOCK	3.0x 4.0	Ctr	Ctr	0.95
N	LOCK	5.0x 7.0-0.2	0.5	0.5	0.84
P	LOCK	3.0x 7.0	Ctr	Ctr	0.48
B	LOCK	5.0x 7.0	Ctr-0.3		0.74
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.48
C	LOCK	6.0x 6.0	Ctr	Ctr	0.86
R	LOCK	3.0x 7.0	Ctr	Ctr	0.64
S	LOCK	5.0x 7.0	0.1	0.5	0.86
D	LOCK	5.0x 7.0-9.2	2.3		0.89
M	LOCK	2.0x 4.0	Ctr	Ctr	0.52
K	LOCK	5.0x 7.0	Ctr-0.5		0.86
J	LOCK	4.0x 8.0	Ctr	Ctr	0.46
I	LOCK	5.0x 7.0	Ctr-0.5		0.86
H	LOCK	3.0x 7.0	Ctr	Ctr	0.64
G	LOCK	5.0x 7.0	Ctr-0.5		0.86
F	LOCK	2.0x 4.0	Ctr	Ctr	0.52

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

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

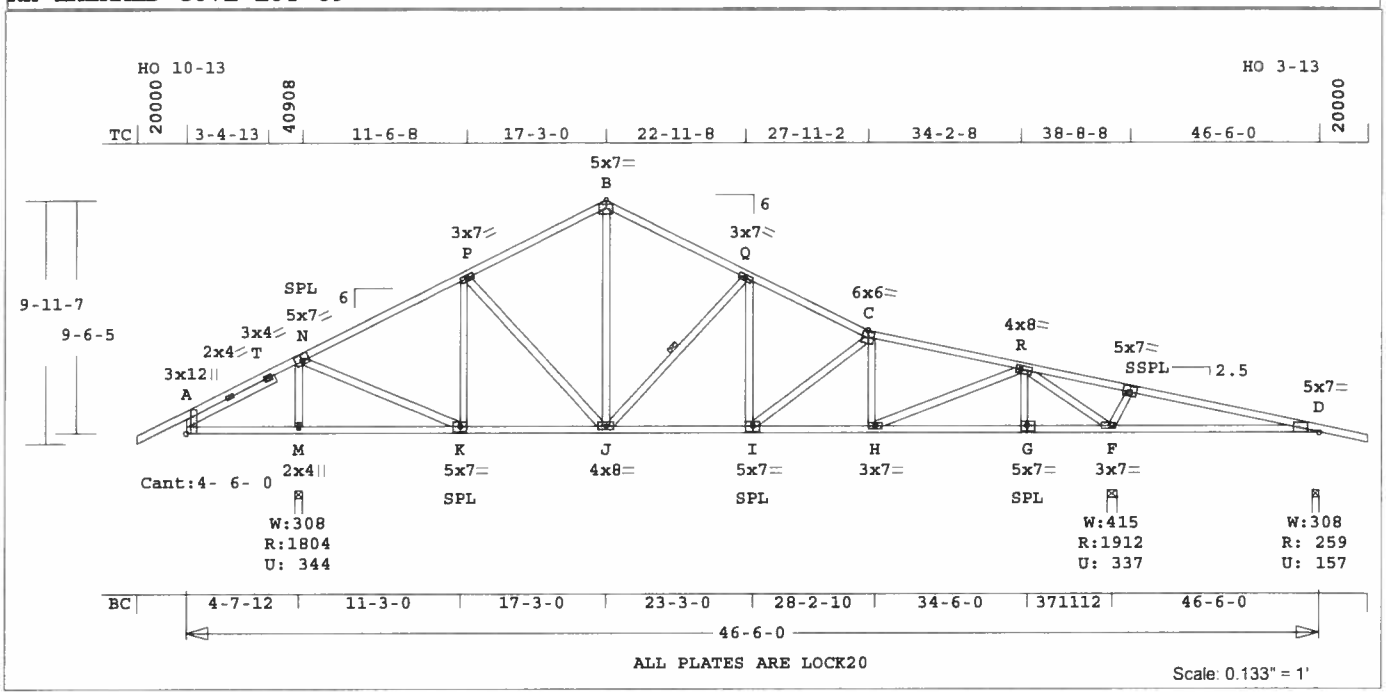
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
34- 4- 4 46- 6- 0
Max comp. force 1438 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A3	2	PCH3	460600	6	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 333.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.65	2x 4	SP-#2
BC	0.55	2x 4	SP-#2
WB	0.53	2x 4	SP-#2
SL	0.05	2x 4	SP-#2
PB	---	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	46- 6- 0
BC Cont.	0- 0- 0	46- 6- 0

WB 1 rows CLB on J -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 Req'd In-Sx	In-Sx
M	1804	344	3- 8	1-15
			Hz =	-177
F	1913	338	4-15	2- 2
D	259	157	3- 8	1- 8
			Hz =	157

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -T	0.10	101	T	0.00 0.10
T -N	0.44	290	T	0.05 0.39
N -P	0.40	1135	C	0.01 0.39
P -B	0.38	1148	C	0.01 0.37
B -Q	0.31	1145	C	0.01 0.30
Q -C	0.31	1726	C	0.01 0.30
C -R	0.40	2101	C	0.06 0.34
R -S	0.65	806	T	0.13 0.52
S -D	0.63	630	T	0.11 0.52
Bottom Chords				
A -M	0.22	191	C	0.00 0.22
M -K	0.22	191	C	0.00 0.22
K -J	0.30	1014	T	0.10 0.20
J -I	0.37	1556	T	0.26 0.11
I -H	0.44	2064	T	0.34 0.10
H -G	0.29	1062	T	0.17 0.12
G -F	0.55	1062	T	0.17 0.38
F -D	0.38	606	C	0.00 0.38
Webs				
M -N	0.20	1536	C	
N -K	0.24	1314	T	
K -P	0.20	399	C	
P -J	0.10	119	C	
J -B	0.12	691	T	
J -Q	0.19	787	C	1 Br
I -Q	0.08	499	T	
I -C	0.30	637	C	
H -C	0.05	282	C	
H -R	0.19	1074	T	
G -R	0.02	141	T	
R -F	0.53	2277	C	
F -S	0.04	427	C	
Sliders				
A -T	0.05	314	T	

TL Defl -0.21" in F -D L/468
LL Defl -0.08" in F -D L/999
LL Cant 0.01" in A -M L/999
Shear // Grain in S -D 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	3.0x12.0	3.9	0.8	0.74
A	LOCK	2.0x 4.0	Ctr	Ctr	0.00
T	LOCK	3.0x 4.0	Ctr	Ctr	0.69
N	LOCK	5.0x 7.0	-0.2	0.5	0.84
P	LOCK	3.0x 7.0	Ctr	Ctr	0.48
B	LOCK	5.0x 7.0	Ctr	-0.3	0.74
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.48
C	LOCK	6.0x 6.0	Ctr	Ctr	0.86
R	LOCK	4.0x 8.0	Ctr	Ctr	0.92
S	LOCK	5.0x 7.0	0.1	0.5	0.86
D	LOCK	5.0x 7.0	-9.2	2.3	0.89
M	LOCK	2.0x 4.0	Ctr	Ctr	0.52
K	LOCK	5.0x 7.0	Ctr	-0.5	0.86
J	LOCK	4.0x 8.0	Ctr	Ctr	0.46
I	LOCK	5.0x 7.0	Ctr	-0.5	0.86
H	LOCK	3.0x 7.0	Ctr	Ctr	0.52
G	LOCK	5.0x 7.0	Ctr	-0.5	0.86
F	LOCK	3.0x 7.0	Ctr	Ctr	0.62

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

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

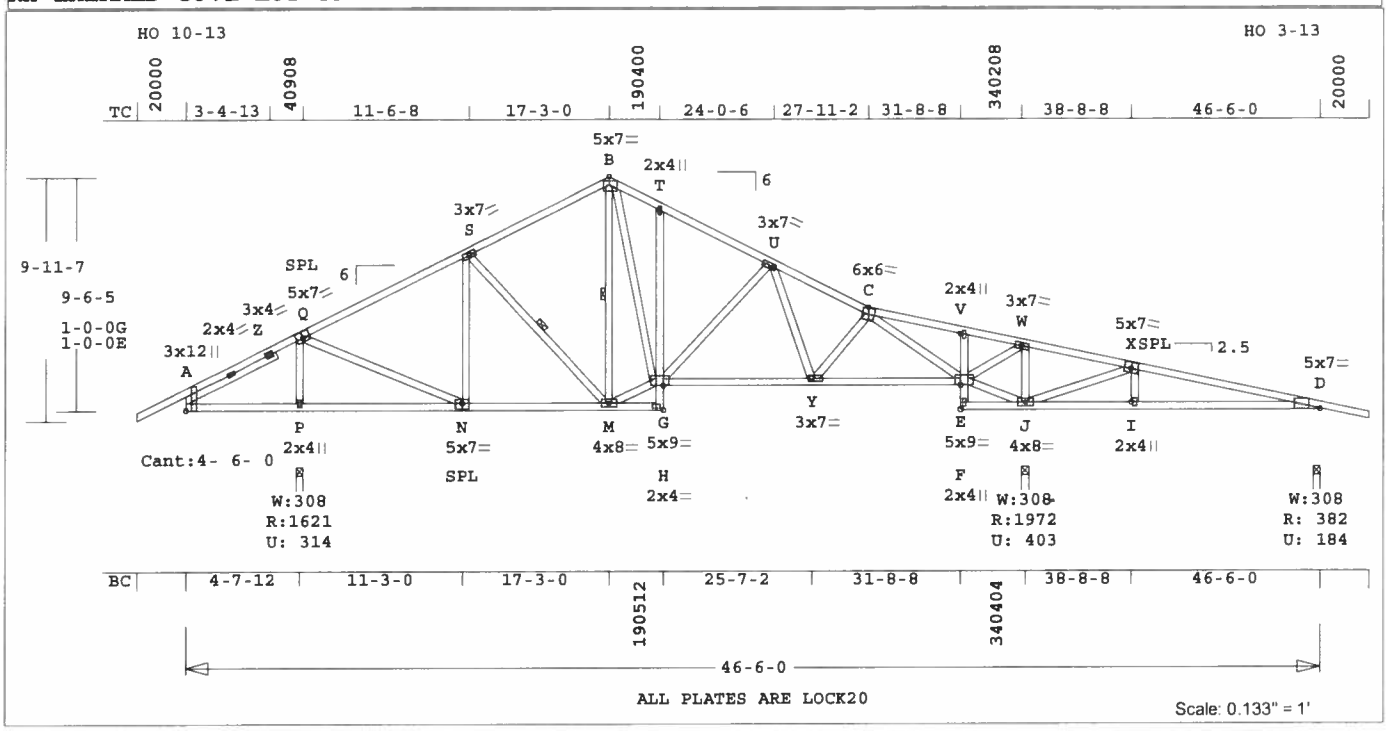
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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---
37-11-12 46- 6- 0
Max comp. force 2277 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A4	3	SP	460600	2.5	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 361.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	Size	Lumber
TC	0.65	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
CW	0.12	2x 4	SP-#2
WB	0.42	2x 4	SP-#2
SL	0.05	2x 4	SP-#2
PB	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	46- 6- 0
BC Cont.		0- 0- 0	46- 6- 0

WB 1 rows CLB on S -M
WB 1 rows CLB on M -B
Attach CLB with (2)-10d nails at each web.

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
P	1621	314	3- 8	1-12
			Hz =	-177
J	1973	403	3- 8	2- 2
D	382	184	3- 8	1- 8
			Hz =	157

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -Z	0.10	101	T	0.00	0.10
Z -Q	0.43	292	T	0.05	0.38
Q -S	0.39	917	C	0.00	0.39
S -B	0.39	867	C	0.00	0.39
B -T	0.11	1106	C	0.00	0.11
T -U	0.17	1105	C	0.01	0.16
U -C	0.21	1418	C	0.01	0.20
C -V	0.21	139	C	0.00	0.21
V -W	0.21	128	C	0.00	0.21
W -X	0.65	1109	T	0.18	0.47
X -D	0.48	314	T	0.01	0.47
Bottom Chords					
A -P	0.22	193	C	0.00	0.22
P -N	0.22	193	C	0.00	0.22
N -M	0.30	820	T	0.08	0.22
M -H	0.13	67	C	0.00	0.13
G -Y	0.32	1219	T	0.12	0.20
Y -E	0.35	1273	T	0.21	0.14
F -J	0.06	74	C	0.00	0.06
J -I	0.28	222	C	0.00	0.28
I -D	0.34	222	C	0.00	0.34
Chord-Webs					
H -G	0.11	3	C	0.00	0.11
G -T	0.07	201	C	0.01	0.06
F -E	0.12	34	T	0.00	0.12
E -V	0.08	279	C	0.00	0.08
Webs					
P -Q	0.18	1354	C		
Q -N	0.20	1104	T		
N -S	0.15	314	C		
S -M	0.03	135	C		1 Br
M -B	0.06	215	C		1 Br
M -G	0.16	868	T		
B -G	0.16	905	T		
G -U	0.18	338	C		
U -Y	0.03	218	T		
Y -C	0.01	66	T		
C -E	0.42	1410	C		
E -W	0.25	1403	T		
E -J	0.13	1132	C		
J -W	0.13	1114	C		
J -X	0.32	1148	C		
I -X	0.04	285	T		
Sliders					
A -Z	0.05	319	T		

TL Defl -0.16" in I -D L/867
LL Defl -0.07" in I -D L/999
Shear // Grain in X -D 0.30

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x12.0	3.9	0.8	0.74
A	LOCK	2.0x 4.0	Ctr	Ctr	0.00
Z	LOCK	3.0x 4.0	Ctr	Ctr	0.69
Q	LOCK	5.0x 7.0	-0.2	0.5	0.84
S	LOCK	3.0x 7.0	Ctr	Ctr	0.48
B	LOCK	5.0x 7.0	0.5	-0.6	0.97
T	LOCK	2.0x 4.0	Ctr	Ctr	0.24
U	LOCK	3.0x 7.0	Ctr	Ctr	0.56
C	LOCK	6.0x 6.0	Ctr	Ctr	0.86
V	LOCK	2.0x 4.0	Ctr	Ctr	0.32
W	LOCK	3.0x 7.0	Ctr	Ctr	0.51
X	LOCK	5.0x 7.0	0.1	0.5	0.86
D	LOCK	5.0x 7.0	-9.2	2.3	0.89
P	LOCK	2.0x 4.0	Ctr	Ctr	0.52
N	LOCK	5.0x 7.0	Ctr	-0.5	0.86
M	LOCK	4.0x 8.0	Ctr	Ctr	0.51
H	LOCK	2.0x 4.0	Ctr	Ctr	0.64
G	LOCK	5.0x 9.0	Ctr	0.8	0.74
Y	LOCK	3.0x 7.0	Ctr	Ctr	0.44
E	LOCK	5.0x 9.0	Ctr	0.7	0.74
F	LOCK	2.0x 4.0	Ctr	Ctr	0.64
J	LOCK	4.0x 8.0	Ctr	Ctr	0.56
I	LOCK	2.0x 4.0	Ctr	Ctr	0.52

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

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

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

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

Date Sealed: 7/3/2006

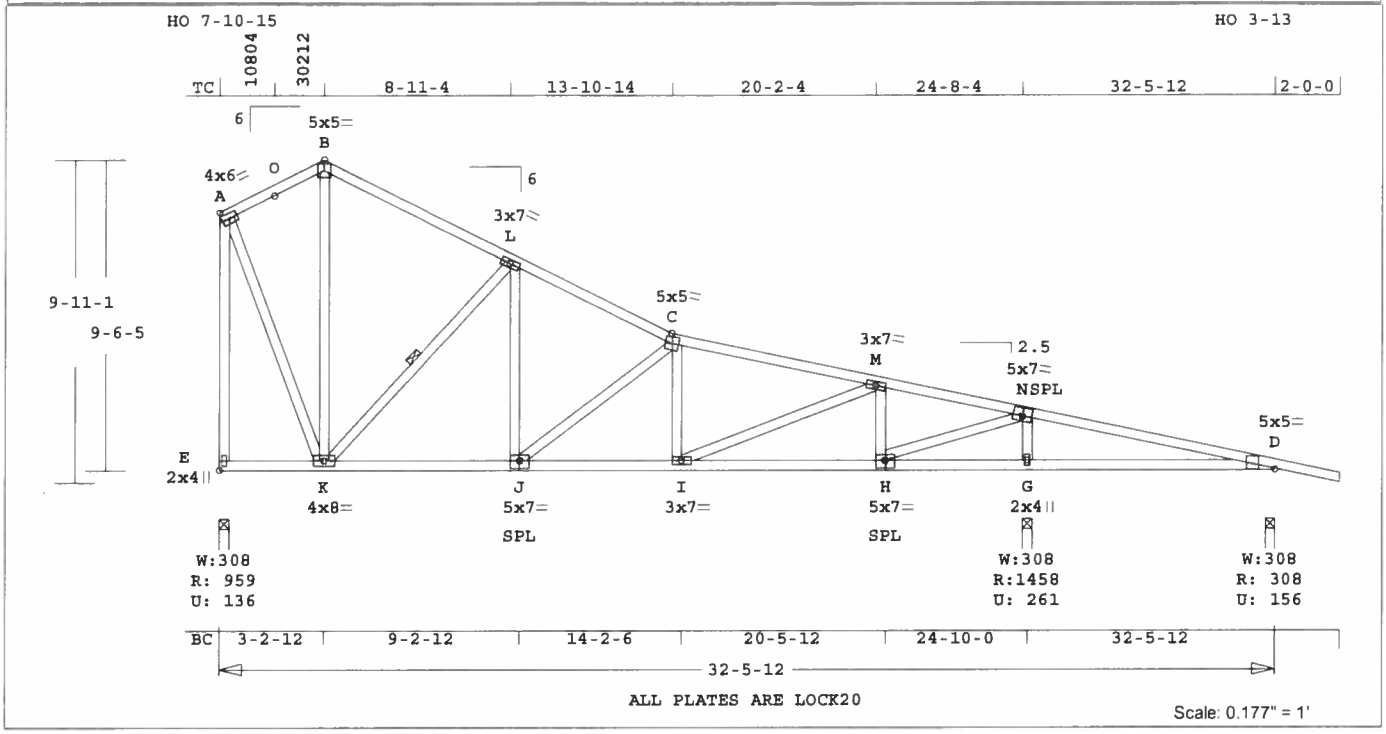
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A4	3	SP	460600	2.5	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89

```
  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---
          34- 4- 4   46- 6- 0
Max comp. force     1418 Lbs
Quality Control Factor 1.25
```

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A5	2	PCH3	320512	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 249.2 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.54	2x 4	SP-#2
BC	0.37	2x 4	SP-#2
WB	0.70	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	32- 5-12
BC Cont.	0- 0- 0	32- 5-12

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

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25

TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
E	959	137	3- 8	1- 8
		Hz =	-291	
G	1458	261	3- 8	1- 9
D	309	156	3- 8	1- 8
		Hz =	121	

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -B	0.12	313	C	0.00	0.12
B -L	0.33	332	C	0.00	0.33
L -C	0.33	962	C	0.00	0.33
C -M	0.34	1493	C	0.03	0.31
M -N	0.49	1192	C	0.01	0.48
N -D	0.54	353	T	0.06	0.48
--------Bottom Chords---------					
E -K	0.14	215	T	0.00	0.14
K -J	0.23	874	T	0.09	0.14
J -I	0.34	1463	T	0.24	0.10
I -H	0.31	1160	T	0.19	0.12
H -G	0.32	336	C	0.00	0.32
G -D	0.37	336	C	0.00	0.37
----------Webs----------					
E -A	0.70	939	C	WindLd	
A -K	0.14	776	T		
K -B	0.02	127	T		
K -L	0.21	858	C		1 Br
J -L	0.10	552	T		
J -C	0.35	738	C		
I -C	0.02	134	T		
I -M	0.06	326	T		
H -M	0.05	472	C		
H -N	0.29	1591	T		
G -N	0.12	1257	C		

TL Defl -0.15" in G -D L/574
LL Defl -0.06" in G -D L/999
Shear // Grain in N -D 0.30

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	Ctr	0.68
B	LOCK	5.0x 5.0	Ctr	Ctr	0.64
L	LOCK	3.0x 7.0	Ctr	Ctr	0.49
C	LOCK	5.0x 5.0	Ctr	Ctr	0.86
M	LOCK	3.0x 7.0	Ctr	Ctr	0.39
N	LOCK	5.0x 7.0	0.1	0.5	0.71
D	LOCK	5.0x 5.0-8.2		2.3	0.87
E	LOCK	2.0x 4.0	Ctr	Ctr	0.46
K	LOCK	4.0x 8.0	Ctr	Ctr	0.51
J	LOCK	5.0x 7.0	Ctr-0.5		0.71
I	LOCK	3.0x 7.0	Ctr	Ctr	0.47
H	LOCK	5.0x 7.0	Ctr-0.5		0.71
G	LOCK	2.0x 4.0	Ctr	Ctr	0.43

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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---
24-10- 0	32- 5-12

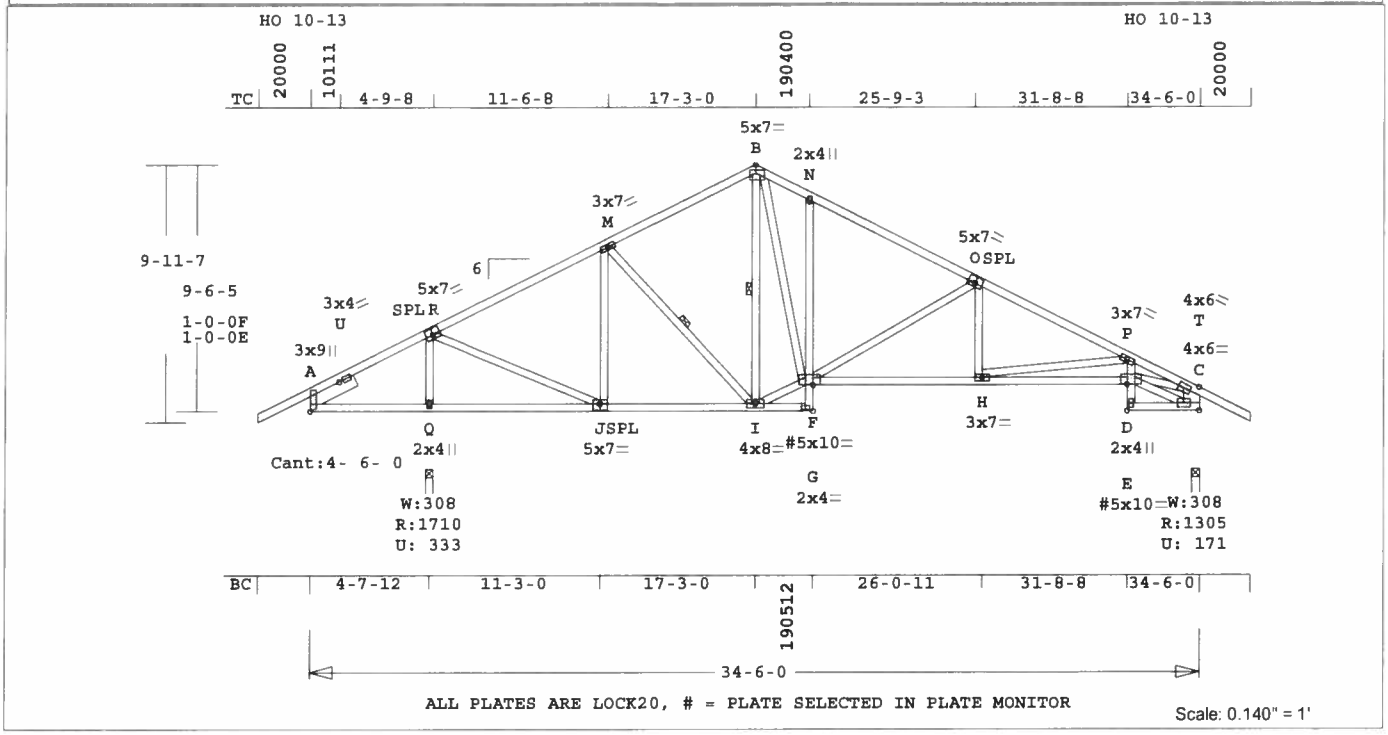
Max comp. force 1493 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A6	1	SP	340600	6	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 293.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.46	2x 4	SP-#2
BC	0.61	2x 4	SP-#2
CW	0.30	2x 4	SP-#2
WB	0.54	2x 4	SP-#2
EX C -T		2x 8	SP-#2
SL	0.02	2x 6	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 6- 0
BC Cont.	0- 0- 0	34- 6- 0

WB 1 rows CLB on M -I
WB 1 rows CLB on I -B
Attach CLB with (2)-10d nails at each web.

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

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

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

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
Q	1711	334	3- 8	1-13
			Hz =	-184
C	1305	172	3- 8	1- 9
			Hz =	199

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -U	0.18	56 T	0.01	0.17
U -R	0.44	250 T	0.04	0.40
R -M	0.40	1023 C	0.00	0.40
M -B	0.38	1005 C	0.00	0.38
B -N	0.25	1339 C	0.01	0.24
N -O	0.45	1326 C	0.01	0.44
O -P	0.46	2036 C	0.02	0.44
P -T	0.11	2876 C	0.06	0.05
T -T	0.00	4 T		
Bottom Chords				
A -Q	0.24	185 C	0.00	0.24
Q -J	0.24	185 C	0.00	0.24
J -I	0.30	915 T	0.09	0.21
I -G	0.13	65 C	0.00	0.13
F -H	0.47	1836 T	0.30	0.17
H -E	0.61	2674 T	0.44	0.17
D -C	0.05	147 T	0.01	0.04
Chord-Webs				
G -F	0.11	6 C	0.00	0.11
F -N	0.12	288 C	0.04	0.08
D -E	0.30	46 T	0.00	0.30
E -P	0.23	315 T	0.05	0.18
Webs				
Q -R	0.19	1423 C		
R -J	0.22	1198 T		
J -M	0.17	356 C		
M -I	0.02	122 C		1 Br
I -B	0.08	295 C		1 Br
I -F	0.18	992 T		
B -F	0.21	1190 T		
F -O	0.54	762 C		
H -O	0.05	381 T		
H -P	0.38	847 C		
E -T	0.47	2592 T		
E -C	0.01	159 C		
C -T	0.05	1084 C	WindLd	
Sliders				
A -U	0.02	153 T		

TL Defl -0.23" in H -E L/999
LL Defl -0.11" in H -E L/999
LL Cant -0.01" in A -Q L/999
Shear // Grain in O -P 0.25

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 9.0	1.5	0.3	0.89
U	LOCK	3.0x 4.0	Ctr	Ctr	0.81
R	LOCK	5.0x 7.0	-0.2	0.5	0.72
M	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 7.0	0.5	-0.6	0.83
N	LOCK	2.0x 4.0	Ctr	Ctr	0.24
O	LOCK	5.0x 7.0	0.2	0.5	0.72
P	LOCK	3.0x 7.0	Ctr	Ctr	0.37
T	LOCK	4.0x 6.0	0.4	-0.2	0.76
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.44
J	LOCK	5.0x 7.0	Ctr	-0.5	0.73
I	LOCK	4.0x 8.0	Ctr	Ctr	0.46
G	LOCK	2.0x 4.0	Ctr	Ctr	0.58
F#	LOCK	5.0x10.0	Ctr	0.8	0.63
H	LOCK	3.0x 7.0	Ctr	Ctr	0.84
E#	LOCK	5.0x10.0	Ctr	0.8	0.71
D	LOCK	2.0x 4.0	Ctr	Ctr	0.58
C	LOCK	4.0x 6.0	Ctr	Ctr	0.73

= 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 2876 Lbs

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

Date Sealed: 7/3/2006

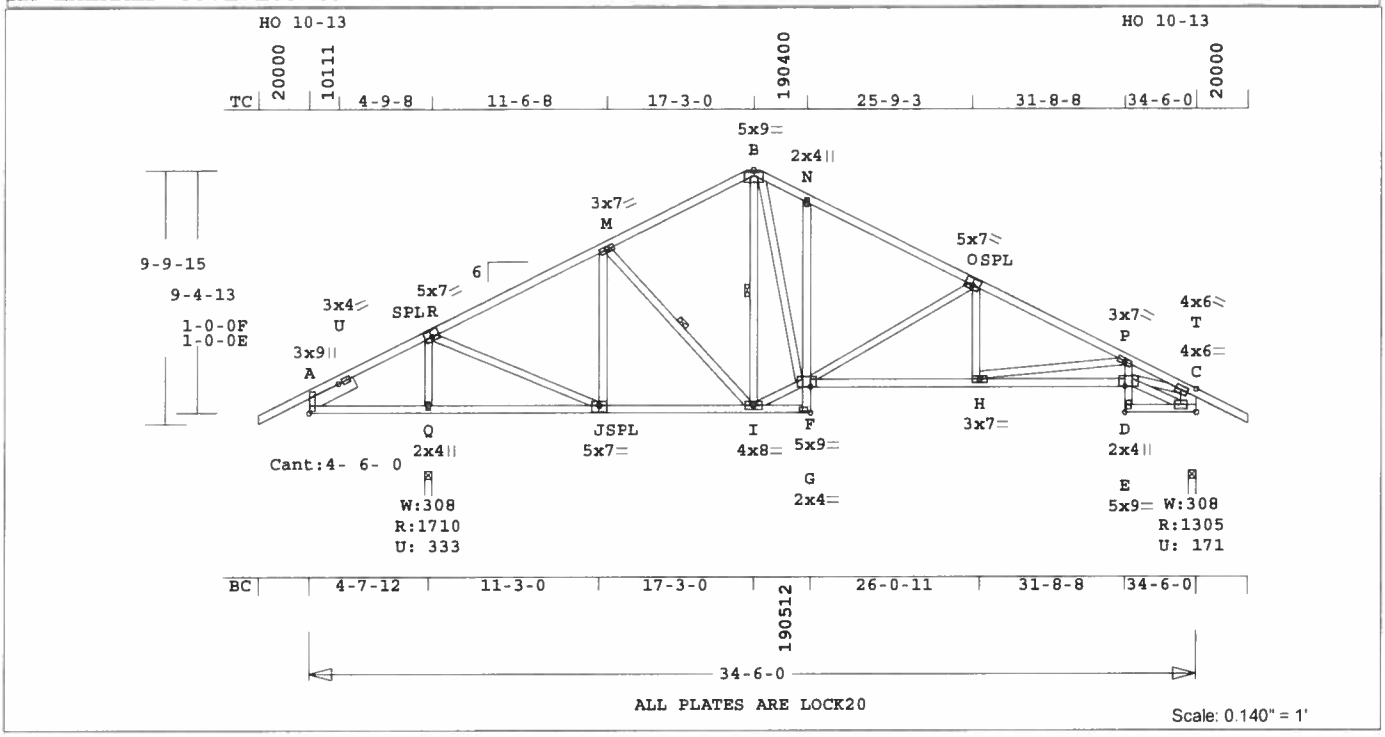
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A6	1	SP	340600	6	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89

Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A7	1	SP	340600	6	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 293.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	Size	Lumber
TC	0.46	2x 4	SP-#2
BC	0.61	2x 4	SP-#2
CW	0.30	2x 4	SP-#2
WB	0.54	2x 4	SP-#2
EX C -T		2x 8	SP-#2
SL	0.02	2x 6	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	34- 6- 0
BC Cont.	0- 0- 0	34- 6- 0

WB 1 rows CLB on M -I
WB 1 rows CLB on I -B
Attach CLB with (2)-10d nails at each web.

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25

TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
Q	1711	334	3- 8	1-13
			Hz =	-184
C	1305	172	3- 8	1- 9
			Hz =	199

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -U	0.18	56	T	0.01	0.17
U -R	0.44	250	T	0.04	0.40
R -M	0.40	1023	C	0.00	0.40
M -B	0.38	1005	C	0.00	0.38
B -N	0.25	1339	C	0.01	0.24
N -O	0.45	1326	C	0.01	0.44
O -P	0.46	2036	C	0.02	0.44
P -T	0.11	2876	C	0.06	0.05
T -T	0.00	4	T		
Bottom Chords					
A -Q	0.24	185	C	0.00	0.24
Q -J	0.24	185	C	0.00	0.24
J -I	0.30	915	T	0.09	0.21
I -G	0.13	65	C	0.00	0.13
F -H	0.47	1836	T	0.30	0.17
H -E	0.61	2674	T	0.44	0.17
D -C	0.05	147	T	0.01	0.04
Chord-Webs					
G -F	0.11	6	C	0.00	0.11
F -N	0.12	288	C	0.04	0.08
D -E	0.30	46	T	0.00	0.30
E -P	0.23	315	T	0.05	0.18
Webs					
Q -R	0.19	1423	C		
R -J	0.22	1198	T		
J -M	0.17	356	C		
M -I	0.02	122	C	1 Br	
I -B	0.08	295	C	1 Br	
I -F	0.18	992	T		
B -F	0.21	1190	T		
F -O	0.54	762	C		
H -O	0.05	381	T		
H -P	0.38	847	C		
E -T	0.47	2592	T		
E -C	0.01	159	C		
C -T	0.05	1084	C	WindLd	
Sliders					
A -U	0.02	153	T		

TL Defl -0.23" in H -E L/999
LL Defl -0.11" in H -E L/999
LL Cant -0.01" in A -Q L/999
Shear // Grain in O -P 0.25

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

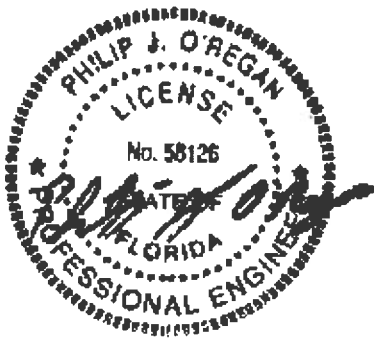
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 9.0	1.5	0.3	0.89
U	LOCK	3.0x 4.0	Ctr	Ctr	0.81
R	LOCK	5.0x 7.0	-0.2	0.5	0.72
M	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 9.0	Ctr	-0.8	0.68
N	LOCK	2.0x 4.0	Ctr	Ctr	0.24
O	LOCK	5.0x 7.0	0.2	0.5	0.72
P	LOCK	3.0x 7.0	Ctr	Ctr	0.37
T	LOCK	4.0x 6.0	0.4	-0.2	0.76
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.44
J	LOCK	5.0x 7.0	Ctr	-0.5	0.73
I	LOCK	4.0x 8.0	Ctr	Ctr	0.46
G	LOCK	2.0x 4.0	Ctr	Ctr	0.58
F	LOCK	5.0x 9.0	Ctr	0.8	0.63
H	LOCK	3.0x 7.0	Ctr	Ctr	0.84
E	LOCK	5.0x 9.0	Ctr	0.8	0.83
D	LOCK	2.0x 4.0	Ctr	Ctr	0.58
C	LOCK	4.0x 6.0	Ctr	Ctr	0.73

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 2876 Lbs
Quality Control Factor 1.25

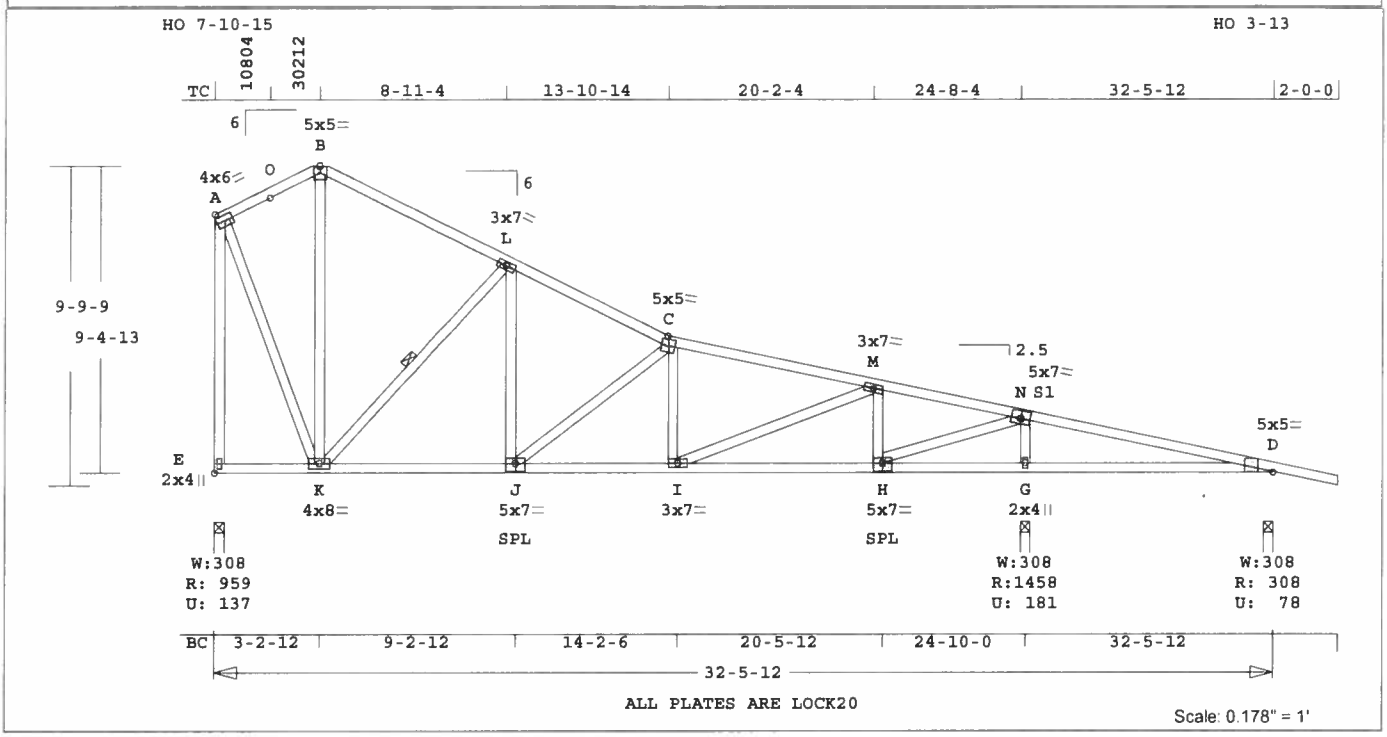
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A8	1	PCH3	320512	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 249.0 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	Size	Lumber
TC	0.54	2x 4	SP-#2
BC	0.37	2x 4	SP-#2
WB	0.70	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	32- 5-12
BC Cont.	0- 0- 0	32- 5-12

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
E	959	138	3- 8	1- 8
			Hz = -291	
G	1458	181	3- 8	1- 9
D	309	79	3- 8	1- 8
			Hz = 122	

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -B	0.12	313	C 0.00	0.12
B -L	0.33	332	C 0.00	0.33
L -C	0.33	962	C 0.00	0.33
C -M	0.34	1493	C 0.03	0.31
M -S1	0.49	1192	C 0.01	0.48
S1-D	0.54	353	T 0.06	0.48
Bottom Chords				
E -K	0.14	215	T 0.00	0.14
K -J	0.23	874	T 0.09	0.14
J -I	0.34	1463	T 0.24	0.10
I -H	0.31	1160	T 0.19	0.12
H -G	0.32	336	C 0.00	0.32
G -D	0.37	336	C 0.00	0.37
Webs				
E -A	0.70	939	C WindLd	
A -K	0.14	776	T	
K -B	0.02	127	T	
K -L	0.21	858	C	1 Br
J -L	0.10	552	T	
J -C	0.35	738	C	
I -C	0.02	134	T	
I -M	0.06	326	T	
H -M	0.05	472	C	
H -S1	0.29	1591	T	
G -S1	0.12	1257	C	

TL Defl -0.15" in G -D L/574
LL Defl -0.06" in G -D L/999
Shear // Grain in S1-D 0.30

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	Ctr	0.68
B	LOCK	5.0x 5.0	Ctr	-0.1	0.65
L	LOCK	3.0x 7.0	Ctr	Ctr	0.49
C	LOCK	5.0x 5.0	Ctr	Ctr	0.86
M	LOCK	3.0x 7.0	Ctr	Ctr	0.39
S1	LOCK	5.0x 7.0	0.1	0.5	0.71
D	LOCK	5.0x 5.0	-8.2	2.3	0.87
E	LOCK	2.0x 4.0	Ctr	Ctr	0.46
K	LOCK	4.0x 8.0	Ctr	Ctr	0.51
J	LOCK	5.0x 7.0	Ctr	-0.5	0.71
I	LOCK	3.0x 7.0	Ctr	Ctr	0.47
H	LOCK	5.0x 7.0	Ctr	-0.5	0.71
G	LOCK	2.0x 4.0	Ctr	Ctr	0.43

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

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

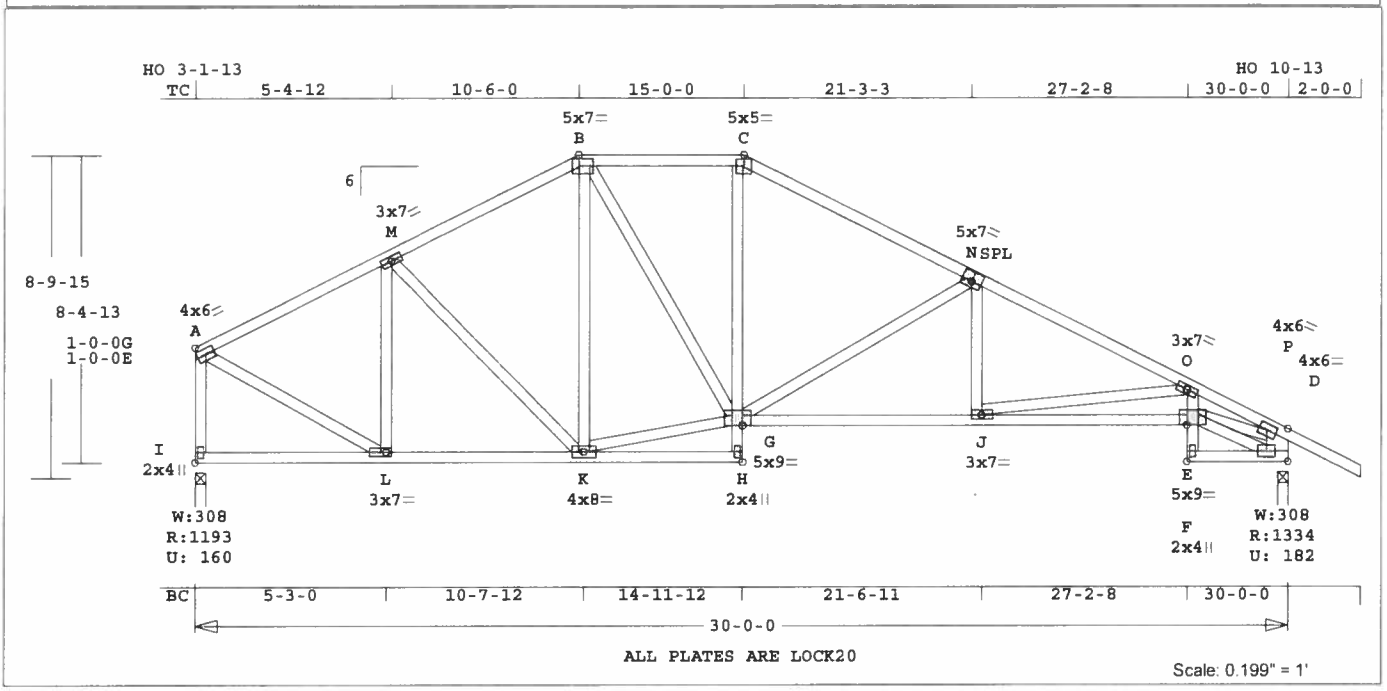
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 1493 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A9	1	SP	300000	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 259.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.44	2x 4	SP-#2
BC	0.62	2x 4	SP-#2
CW	0.31	2x 4	SP-#2
WB	0.54	2x 4	SP-#2
EX D -P		2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	30- 0- 0
BC Cont.		0- 0- 0	30- 0- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
I	1194	160	3- 8	1- 8
			Hz =	-205
D	1334	182	3- 8	1- 9
			Hz =	166

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -M	0.31	1050 C	0.00	0.31
M -B	0.32	1124 C	0.01	0.31
B -C	0.12	1239 C	0.01	0.11
C -N	0.43	1399 C	0.01	0.42
N -O	0.44	2104 C	0.02	0.42
O -P	0.11	2955 C	0.06	0.05
P -P	0.00	4 T		
Bottom Chords				
I -L	0.17	168 T	0.00	0.17
L -K	0.26	953 T	0.09	0.17
K -H	0.13	73 C	0.00	0.13
G -J	0.47	1896 T	0.31	0.16
J -E	0.62	2747 T	0.46	0.16
F -D	0.05	151 T	0.01	0.04
Chord-Webs				
H -G	0.12	62 T	0.00	0.12
G -C	0.10	363 T	0.05	0.05
F -E	0.31	46 T	0.00	0.31
E -O	0.24	319 T	0.05	0.19
Webs				
I -A	0.15	1149 C	WindLd	
A -L	0.20	1097 T		
L -M	0.16	428 C		
M -K	0.04	93 T		
K -B	0.14	181 C		
K -G	0.19	1041 T		
B -G	0.08	471 T		
G -N	0.54	758 C		
J -N	0.05	382 T		
J -O	0.38	860 C		
E -P	0.49	2663 T		
E -D	0.01	164 C		
D -P	0.05	1111 C	WindLd	

TL Defl -0.23" in J -E L/999
LL Defl -0.10" in J -E L/999
Shear // Grain in C -N 0.24

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	Ctr	0.64
M	LOCK	3.0x 7.0	Ctr	Ctr	0.42
B	LOCK	5.0x 7.0	-0.5	-0.1	0.87
C	LOCK	5.0x 5.0	Ctr	-0.2	0.92
N	LOCK	5.0x 7.0	0.2	0.5	0.68
O	LOCK	3.0x 7.0	Ctr	Ctr	0.36
P	LOCK	4.0x 6.0	0.4	-0.2	0.80
I	LOCK	2.0x 4.0	Ctr	Ctr	0.43
L	LOCK	3.0x 7.0	Ctr	Ctr	0.40
K	LOCK	4.0x 8.0	Ctr	Ctr	0.62
H	LOCK	2.0x 4.0	Ctr	Ctr	0.58
G	LOCK	5.0x 9.0	Ctr	0.8	0.62
J	LOCK	3.0x 7.0	Ctr	Ctr	0.82
E	LOCK	5.0x 9.0	Ctr	0.8	0.89
F	LOCK	2.0x 4.0	Ctr	Ctr	0.58
D	LOCK	4.0x 6.0	Ctr	Ctr	0.65

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

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

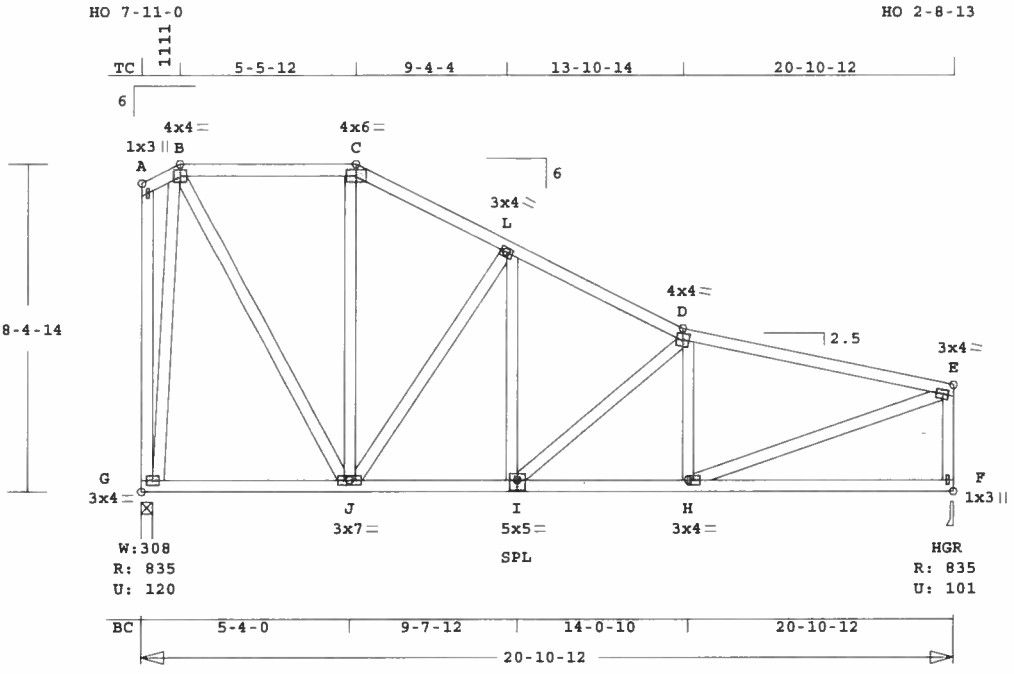
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 2955 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A10	1	SP	201012	2.5	0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 200.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
WB	0.60	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	20-10-12
BC Cont.	0- 0- 0	20-10-12

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	836	121	3- 8	1- 8
			Hz =	-271
F	836	102	3- 8	1- 8
			Hz =	160

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.04	107	C	0.00	0.04
B -C	0.15	406	C	0.00	0.15
C -L	0.15	459	C	0.00	0.15
L -D	0.16	791	C	0.00	0.16
D -E	0.52	1043	C	0.01	0.51
Bottom Chords					
G -J	0.16	193	T	0.00	0.16
J -I	0.23	707	T	0.07	0.16
I -H	0.35	1032	T	0.10	0.25
H -F	0.25	127	T	0.00	0.25
Webs					
G -A	0.16	64	C	WindLd	
G -B	0.60	729	C		
B -J	0.12	685	T		
J -C	0.03	82	T		
J -L	0.35	532	C		
I -L	0.06	337	T		
I -D	0.18	422	C		
H -D	0.04	240	C		
H -E	0.20	1094	T		
F -E	0.08	777	C	WindLd	

TL Defl -0.14" in H -F L/999
LL Defl -0.07" in H -F L/999
Shear // Grain in D -E 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

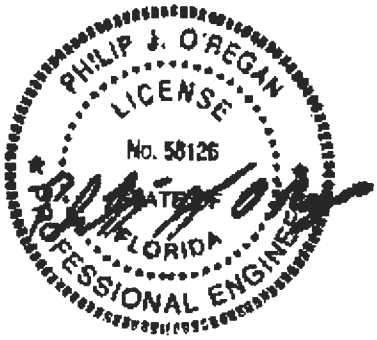
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	1.0x 3.0	Ctr	Ctr	0.75
B	LOCK	4.0x 4.0	Ctr	Ctr	0.87
C	LOCK	4.0x 6.0	Ctr	Ctr	0.87
L	LOCK	3.0x 4.0	Ctr	Ctr	0.58
D	LOCK	4.0x 4.0	Ctr	Ctr	0.87
E	LOCK	3.0x 4.0	Ctr	Ctr	0.70
G	LOCK	3.0x 4.0	Ctr	Ctr	0.70
J	LOCK	3.0x 7.0	Ctr	Ctr	0.53
I	LOCK	5.0x 5.0	Ctr	-0.5	0.58
H	LOCK	3.0x 4.0	Ctr	Ctr	0.62
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 1043 Lbs
Quality Control Factor 1.25

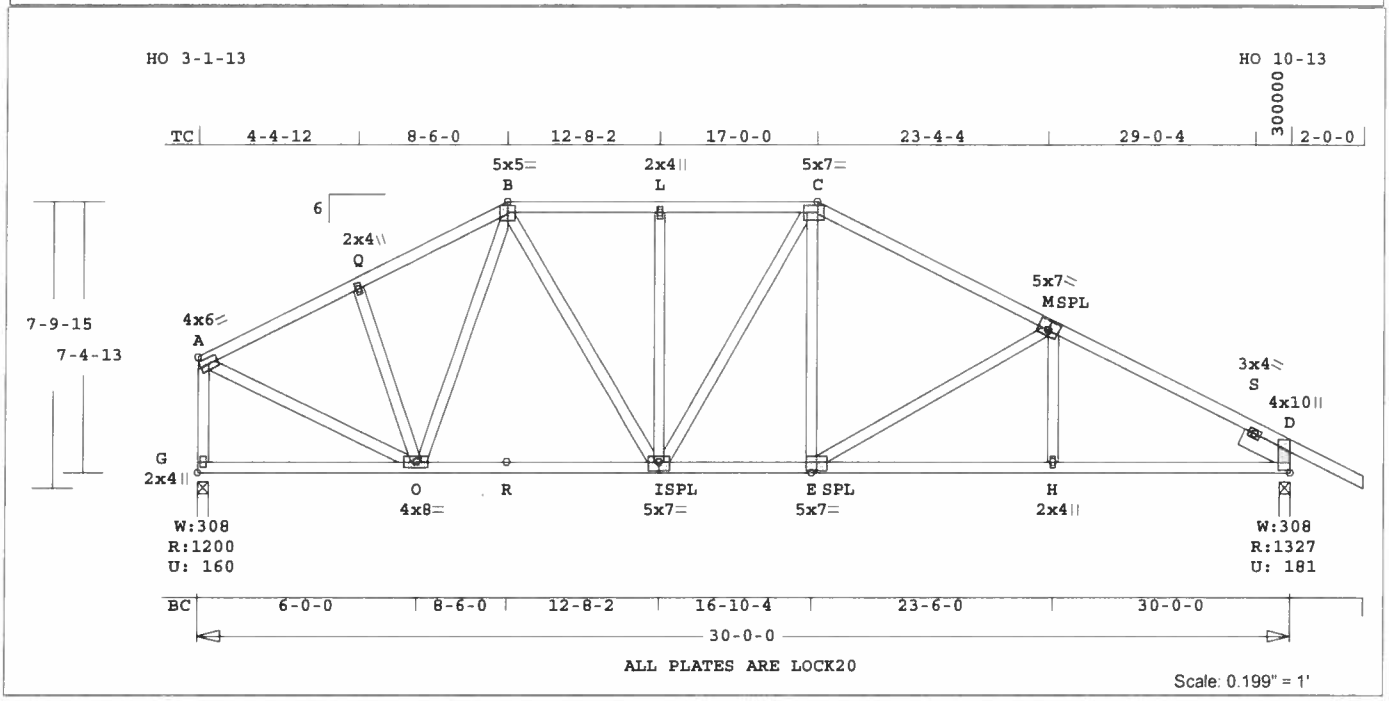
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A11	1	HIPP	300000	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 243.1 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.76	2x 4	SP-#2
BC	0.98	2x 4	SP-#2
WB	0.25	2x 4	SP-#2
SL	0.07	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	30- 0- 0
BC Cont.		0- 0- 0	30- 0- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	1200	161	3- 8	1- 8
			Hz =	-181
D	1328	181	3- 8	1- 9
			Hz =	128

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -Q	0.21	1167	C 0.00	0.21
Q -B	0.21	1091	C 0.00	0.21
B -L	0.16	1226	C 0.01	0.15
L -C	0.14	1226	C 0.01	0.13
C -M	0.44	1395	C 0.03	0.41
M -S	0.76	1762	C 0.02	0.74
S -D	0.74	902	C 0.00	0.74
Bottom Chords				
G -O	0.26	143	T 0.00	0.26
O -I	0.36	1004	T 0.10	0.26
I -E	0.36	1246	T 0.20	0.16
E -H	0.45	1552	T 0.26	0.19
H -D	0.98	1552	T 0.26	0.72
Webs				
G -A	0.15	1151	C WindLd	
A -O	0.21	1174	T	
Q -O	0.09	272	C	
O -B	0.08	119	C	
B -I	0.07	425	T	
I -L	0.15	240	C	
I -C	0.06	80	C	
E -C	0.05	366	T	
E -M	0.25	348	C	
H -M	0.02	194	T	
Sliders				
S -D	0.07	1151	C	

TL Defl -0.27" in E -H L/999
LL Defl -0.12" in E -H L/999
Shear // Grain in S -S 0.60

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

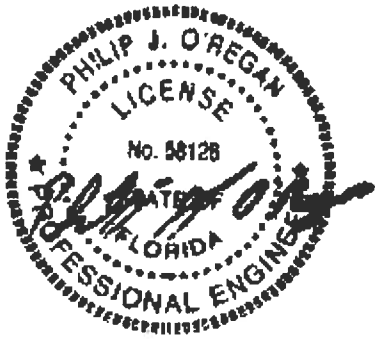
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	Ctr	0.64
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.41
B	LOCK	5.0x 5.0	Ctr	-0.2	0.92
L	LOCK	2.0x 4.0	Ctr	Ctr	0.41
C	LOCK	5.0x 7.0	0.5	-0.1	0.87
M	LOCK	5.0x 7.0	0.2	0.5	0.68
S	LOCK	3.0x 4.0	Ctr	Ctr	0.76
D	LOCK	4.0x10.0	-2.0	0.6	0.77
G	LOCK	2.0x 4.0	Ctr	Ctr	0.43
O	LOCK	4.0x 8.0	Ctr	Ctr	0.56
I	LOCK	5.0x 7.0	Ctr	-0.5	0.69
E	LOCK	5.0x 7.0	Ctr	-0.5	0.69
H	LOCK	2.0x 4.0	Ctr	Ctr	0.41

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 1762 Lbs
Quality Control Factor 1.25

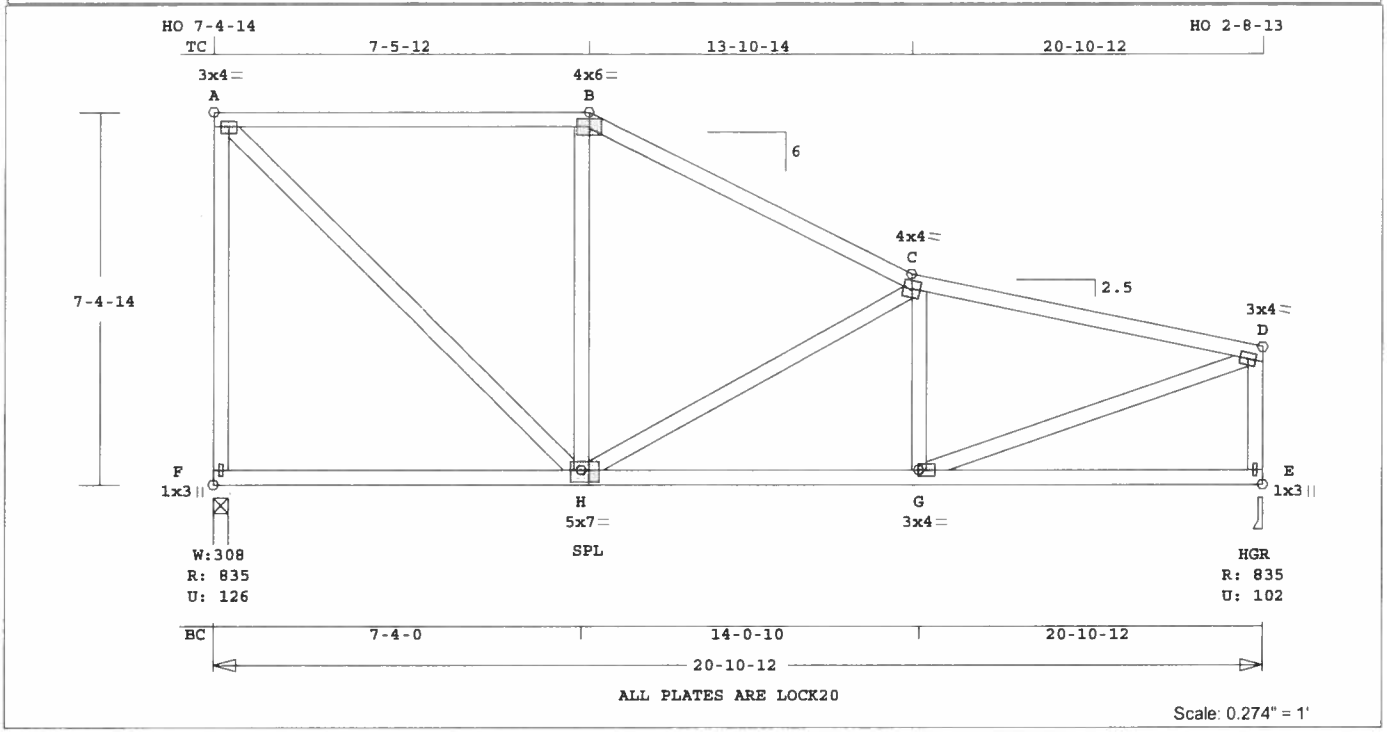
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A12	1	SP	201012	2.5	0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 162.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.57	2x 4	SP-#2
BC	0.42	2x 4	SP-#2
WB	0.49	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	20-10-12
BC Cont.		0- 0- 0	20-10-12

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25

TC Fb=1.15 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
F	836	127	3- 8	1- 8
			Hz =	-244
E	836	103	3- 8	1- 8
			Hz =	142

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.57	583 C	0.00		0.57
B -C	0.30	647 C	0.00		0.30
C -D	0.48	1054 C	0.01		0.47
Bottom Chords					
F -H	0.31	191 T	0.00		0.31
H -G	0.42	1044 T	0.11		0.31
G -E	0.26	110 T	0.00		0.26

Webs			
F -A	0.49	774 C	WindLd
A -H	0.15	820 T	
H -B	0.10	163 C	
H -C	0.38	528 C	
G -C	0.04	240 C	
G -D	0.20	1106 T	
E -D	0.08	777 C	WindLd

TL Defl -0.17" in F -H L/999
LL Defl -0.08" in F -H L/999
Shear // Grain in A -B 0.30

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

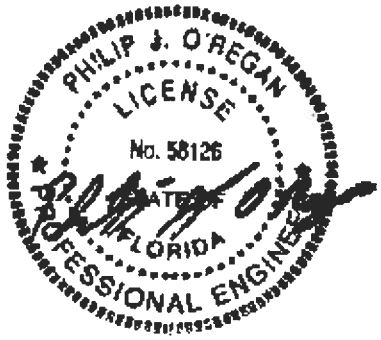
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.70
B	LOCK	4.0x 6.0	Ctr	Ctr	0.87
C	LOCK	4.0x 4.0	Ctr	Ctr	0.87
D	LOCK	3.0x 4.0	Ctr	Ctr	0.70
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
H	LOCK	5.0x 7.0-1.0-0.5			0.77
G	LOCK	3.0x 4.0	Ctr	Ctr	0.63
E	LOCK	1.0x 3.0	Ctr	Ctr	0.81

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 1054 Lbs
Quality Control Factor 1.25

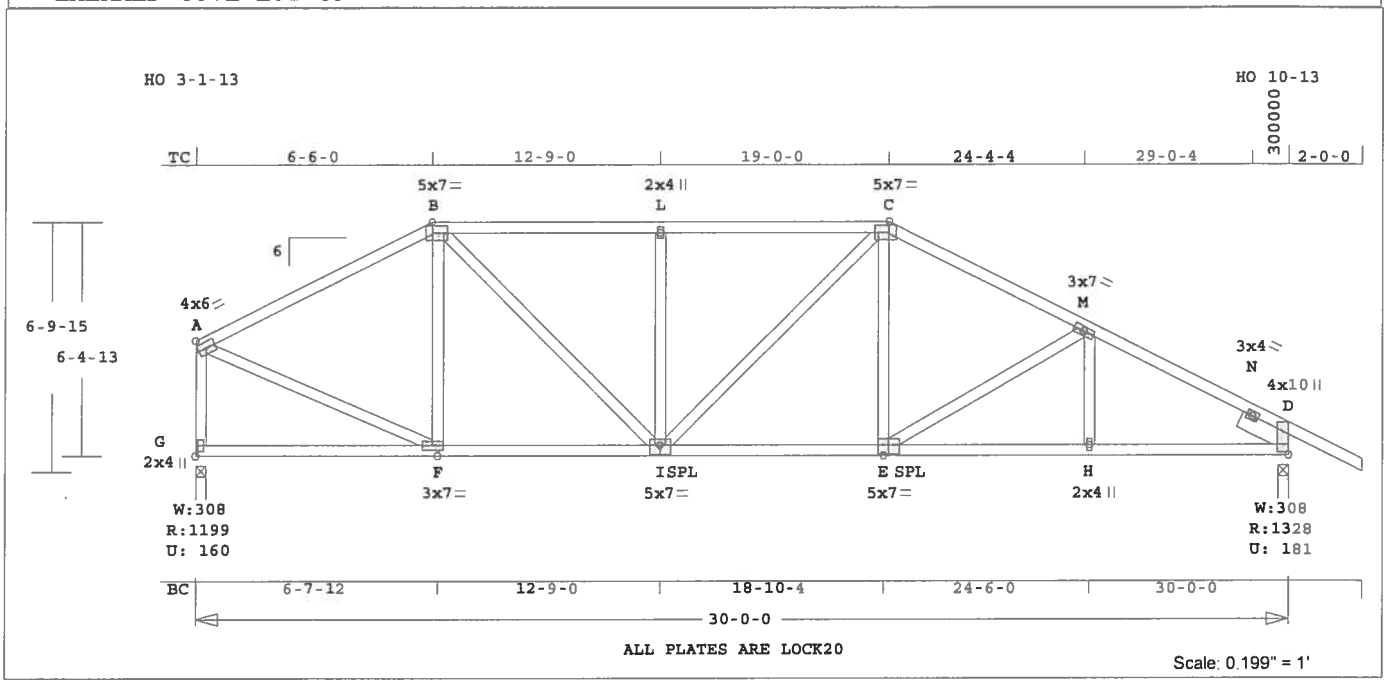
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A13	1	HIPP	300000	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 225.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.74	2x 4	SP-#2
BC	0.96	2x 4	SP-#2
WB	0.20	2x 4	SP-#2
SL	0.07	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	30- 0- 0
BC Cont.		0- 0- 0	30- 0- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	1200	161	3- 8	1- 8
			Hz =	-160
D	1328	181	3- 8	1- 9
			Hz =	108

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.50	1132 C	0.02		0.48
B -L	0.37	1450 C	0.01		0.36
L -C	0.37	1450 C	0.01		0.36
C -M	0.34	1531 C	0.02		0.32
M -N	0.74	1752 C	0.02		0.72
N -D	0.72	903 C	0.00		0.72
Bottom Chords					
G -F	0.26	123 T	0.00		0.26
F -I	0.36	1025 T	0.10		0.26
I -E	0.39	1376 T	0.23		0.16
E -H	0.44	1531 T	0.25		0.19
H -D	0.96	1531 T	0.25		0.71
Webs					
G -A	0.15	1145 C	WindLd		
A -F	0.20	1117 T			
F -B	0.14	311 C			
B -I	0.11	598 T			
I -L	0.18	386 C			
I -C	0.05	104 T			
E -C	0.05	329 T			
E -M	0.09	175 C			
H -M	0.01	122 T			
Sliders					
N -D	0.07	1122 C			

TL Defl -0.24" in E -H L/999
LL Defl -0.11" in E -H L/999
Shear // Grain in N -N 0.58

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

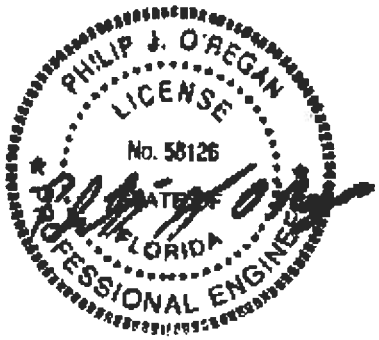
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	Ctr	0.64
B	LOCK	5.0x 7.0	-0.5	-0.1	0.87
L	LOCK	2.0x 4.0	Ctr	Ctr	0.41
C	LOCK	5.0x 7.0	0.5	-0.1	0.87
M	LOCK	3.0x 7.0	Ctr	Ctr	0.39
N	LOCK	3.0x 4.0	Ctr	Ctr	0.76
D	LOCK	4.0x10.0	-2.0	0.6	0.77
G	LOCK	2.0x 4.0	Ctr	Ctr	0.43
F	LOCK	3.0x 7.0	Ctr	Ctr	0.44
I	LOCK	5.0x 7.0	Ctr	-0.5	0.69
E	LOCK	5.0x 7.0	Ctr	-0.5	0.69
H	LOCK	2.0x 4.0	Ctr	Ctr	0.41

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 1752 Lbs
Quality Control Factor 1.25

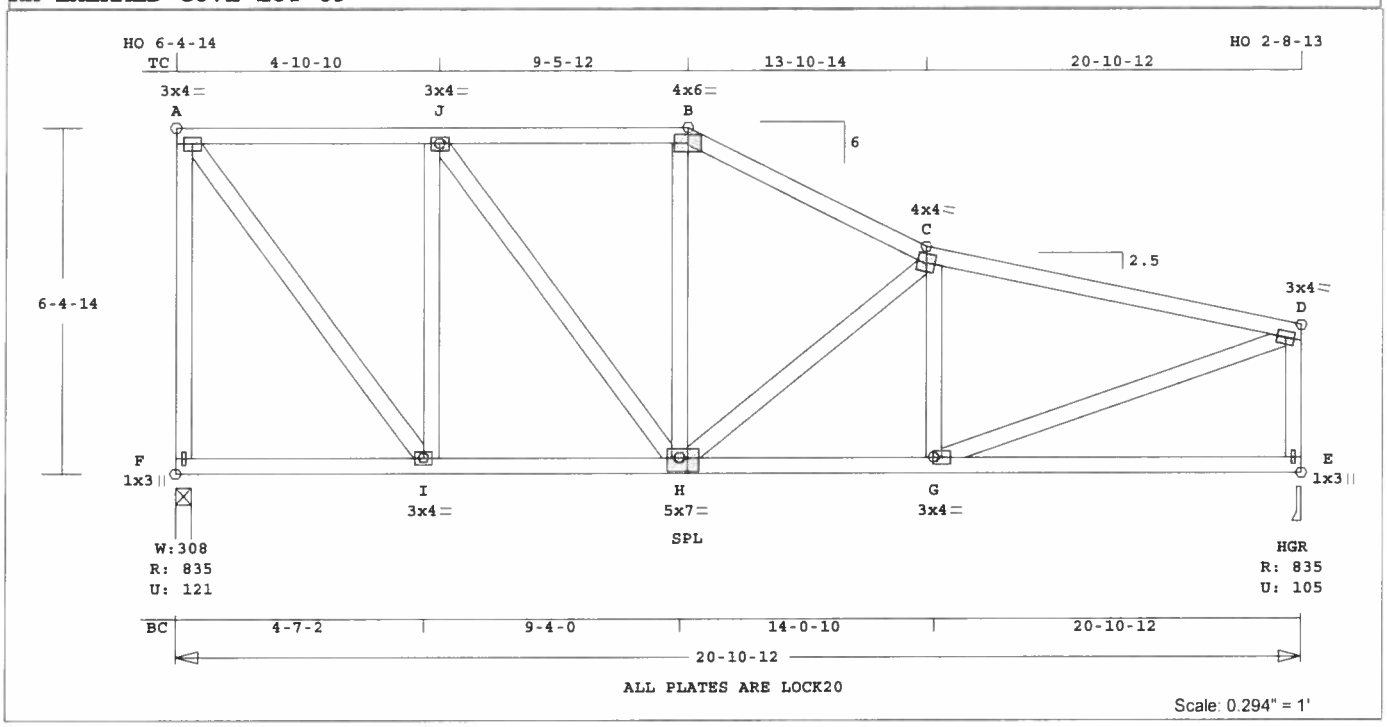
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A14	1	SP	201012	2.5	0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 175.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.34	2x 4	SP-#2
WB	0.37	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	20-10-12
BC	Cont.	0- 0- 0	20-10-12

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25

TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
F	836	122	3- 8	1- 8
			Hz =	-208
E	836	105	3- 8	1- 8
			Hz =	126

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -J	0.24	510	C	0.00	0.24
J -B	0.24	697	C	0.00	0.24
B -C	0.16	783	C	0.00	0.16
C -D	0.52	1044	C	0.01	0.51
--------Bottom Chords---------					
F -I	0.14	162	T	0.00	0.14
I -H	0.19	510	T	0.05	0.14
H -G	0.34	1033	T	0.10	0.24
G -E	0.24	93	T	0.00	0.24
----------Webs----------					
F -A	0.37	796	C	WindLd	
A -I	0.15	849	T		
I -J	0.26	573	C		
J -H	0.05	310	T		
H -B	0.02	169	T		
H -C	0.19	430	C		
G -C	0.04	241	C		
G -D	0.20	1094	T		
E -D	0.08	777	C	WindLd	

TL Defl -0.14" in G -E L/999
LL Defl -0.07" in G -E L/999
Shear // Grain in C -D 0.28

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.70
J	LOCK	3.0x 4.0	Ctr	Ctr	0.52
B	LOCK	4.0x 6.0	Ctr	Ctr	0.87
C	LOCK	4.0x 4.0	Ctr	Ctr	0.87
D	LOCK	3.0x 4.0	Ctr	Ctr	0.70
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
I	LOCK	3.0x 4.0	Ctr	Ctr	0.56
H	LOCK	5.0x 7.0	-1.0	-0.5	0.58
G	LOCK	3.0x 4.0	Ctr	Ctr	0.62
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.

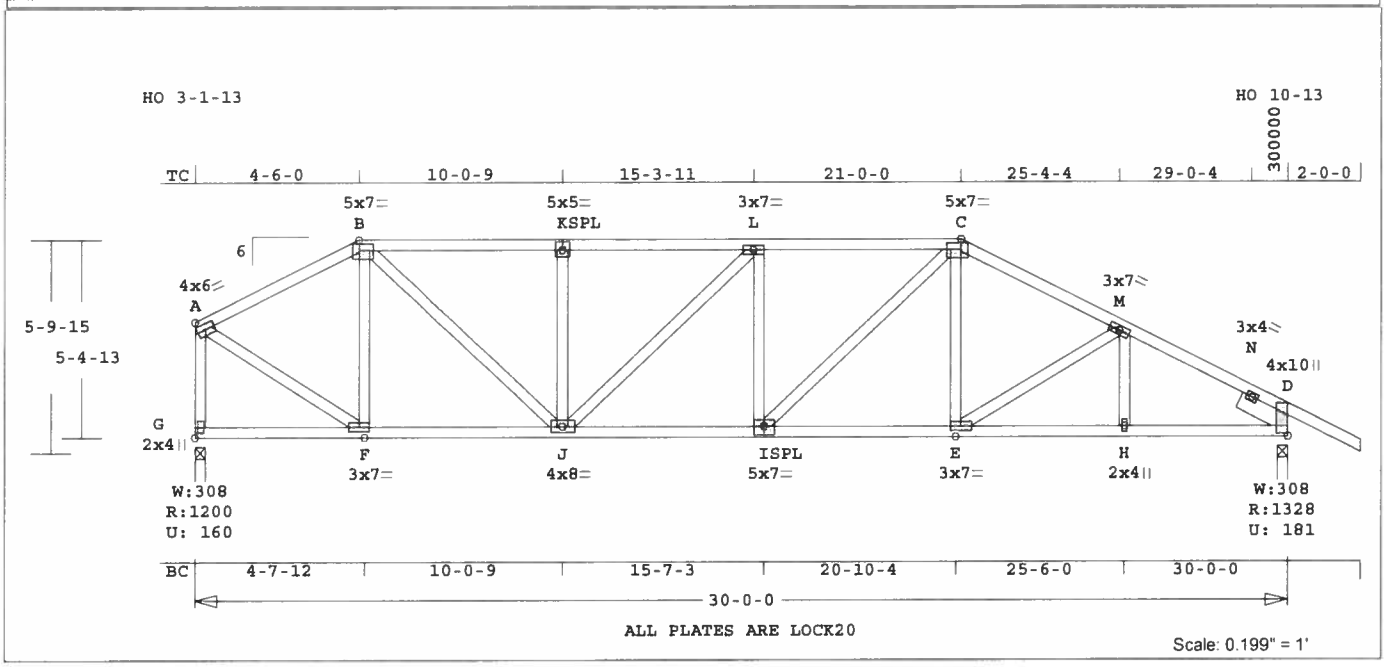
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 1044 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A15	1	HIPP	300000	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 230.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.69	2x 4	SP-#2
BC	0.94	2x 4	SP-#2
WB	0.19	2x 4	SP-#2
SL	0.06	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	30- 0- 0
BC Cont.		0- 0- 0	30- 0- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	1200	161	3- 8	1- 8
		Hz =	-139	
D	1328	181	3- 8	1- 9
		Hz =	87	

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -B	0.22	1005 C	0.01	0.21
B -K	0.25	1569 C	0.01	0.24
K -L	0.28	1569 C	0.01	0.27
L -C	0.28	1762 C	0.01	0.27
C -M	0.29	1644 C	0.02	0.27
M -N	0.69	1722 C	0.01	0.68
N -D	0.68	887 C	0.00	0.68
Bottom Chords				
G -F	0.15	102 T	0.00	0.15
F -J	0.24	913 T	0.15	0.09
J -I	0.36	1762 T	0.29	0.07
I -E	0.37	1484 T	0.24	0.13
E -H	0.45	1489 T	0.25	0.20
H -D	0.94	1489 T	0.25	0.69
Webs				
G -A	0.15	1162 C	WindLd	
A -F	0.19	1076 T		
F -B	0.15	474 C		
B -J	0.16	897 T		
J -K	0.10	321 C		
J -L	0.17	265 C		
I -L	0.05	158 C		
I -C	0.07	380 T		
E -C	0.03	232 T		
E -M	0.01	58 T		
H -M	0.00	65 C		
Sliders				
N -D	0.06	1088 C		

TL Defl -0.20" in E -H L/999
LL Defl -0.10" in E -H L/999
Shear // Grain in N -N 0.54

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	0.1	Ctr	0.64
B	LOCK	5.0x 7.0-0.5-0.1			0.87
K	LOCK	5.0x 5.0	Ctr	0.5	0.69
L	LOCK	3.0x 7.0	Ctr	Ctr	0.43
C	LOCK	5.0x 7.0	0.5-0.1		0.87
M	LOCK	3.0x 7.0	Ctr	Ctr	0.39
N	LOCK	3.0x 4.0	Ctr	Ctr	0.76
D	LOCK	4.0x10.0-2.0	0.6		0.77
G	LOCK	2.0x 4.0	Ctr	Ctr	0.43
F	LOCK	3.0x 7.0	Ctr	Ctr	0.40
J	LOCK	4.0x 8.0	Ctr	Ctr	0.41
I	LOCK	5.0x 7.0	Ctr-0.5		0.69
E	LOCK	3.0x 7.0	Ctr	Ctr	0.40
H	LOCK	2.0x 4.0	Ctr	Ctr	0.41

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

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

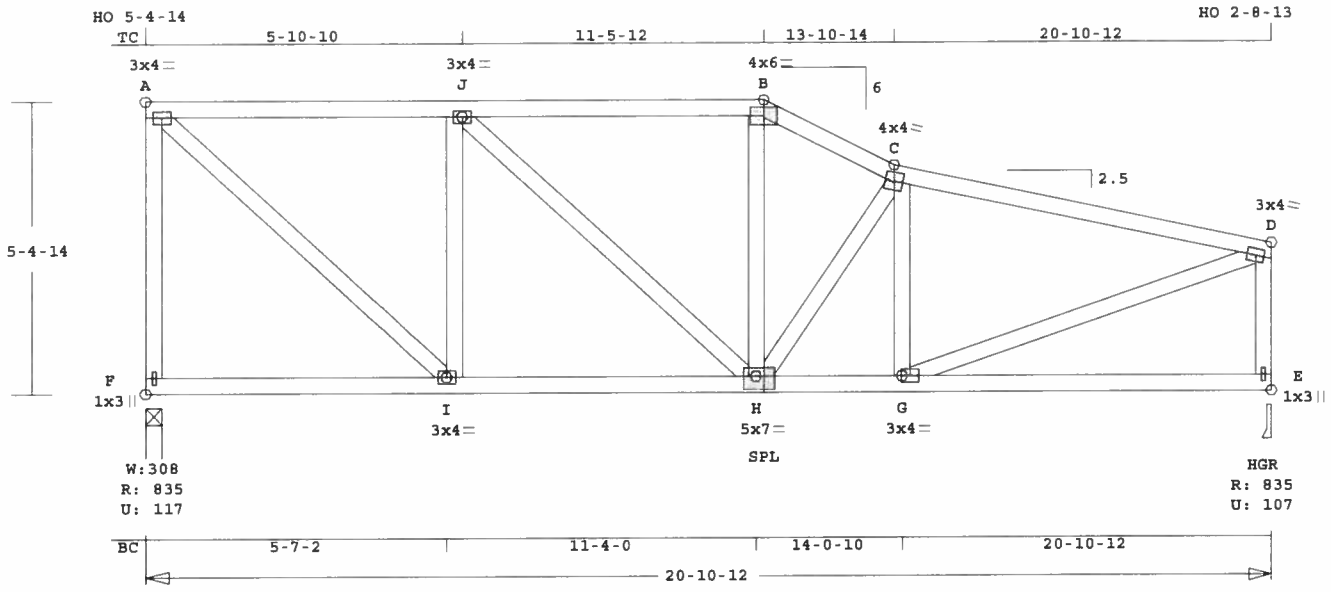
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 1762 Lbs
Quality Control Factor 1.25

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

Date Scaled: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A16	1	SP	201012	2.5	0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 166.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.54	2x 4	SP-#2
BC	0.34	2x 4	SP-#2
WB	0.26	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	20-10-12
BC Cont.	0- 0- 0	20-10-12

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25

TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
F	836	117	3- 8	1- 8
			Hz =	-172
E	836	107	3- 8	1- 8
			Hz =	109

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -J	0.39	711 C	0.00	0.39
J -B	0.39	834 C	0.00	0.39
B -C	0.16	938 C	0.00	0.16
C -D	0.54	1037 C	0.01	0.53
Bottom Chords				
F -I	0.21	134 T	0.00	0.21
I -H	0.28	711 T	0.07	0.21
H -G	0.34	1025 T	0.10	0.24
G -E	0.24	77 T	0.00	0.24

Webs			
F -A	0.26	788 C	WindLd
A -I	0.17	964 T	
I -J	0.17	517 C	
J -H	0.03	165 T	
H -B	0.03	229 T	
H -C	0.08	330 C	
G -C	0.05	250 C	
G -D	0.20	1087 T	
E -D	0.08	776 C	WindLd

TL Defl -0.15" in G -E L/999
LL Defl -0.07" in G -E L/999
Shear // Grain in C -D 0.28

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.70
J	LOCK	3.0x 4.0	Ctr	Ctr	0.52
B	LOCK	4.0x 6.0	Ctr	Ctr	0.87
C	LOCK	4.0x 4.0	Ctr	Ctr	0.87
D	LOCK	3.0x 4.0	Ctr	Ctr	0.70
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
I	LOCK	3.0x 4.0	Ctr	Ctr	0.60
H	LOCK	5.0x 7.0-1.0-0.5			0.58
G	LOCK	3.0x 4.0	Ctr	Ctr	0.62
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 1037 Lbs
Quality Control Factor 1.25

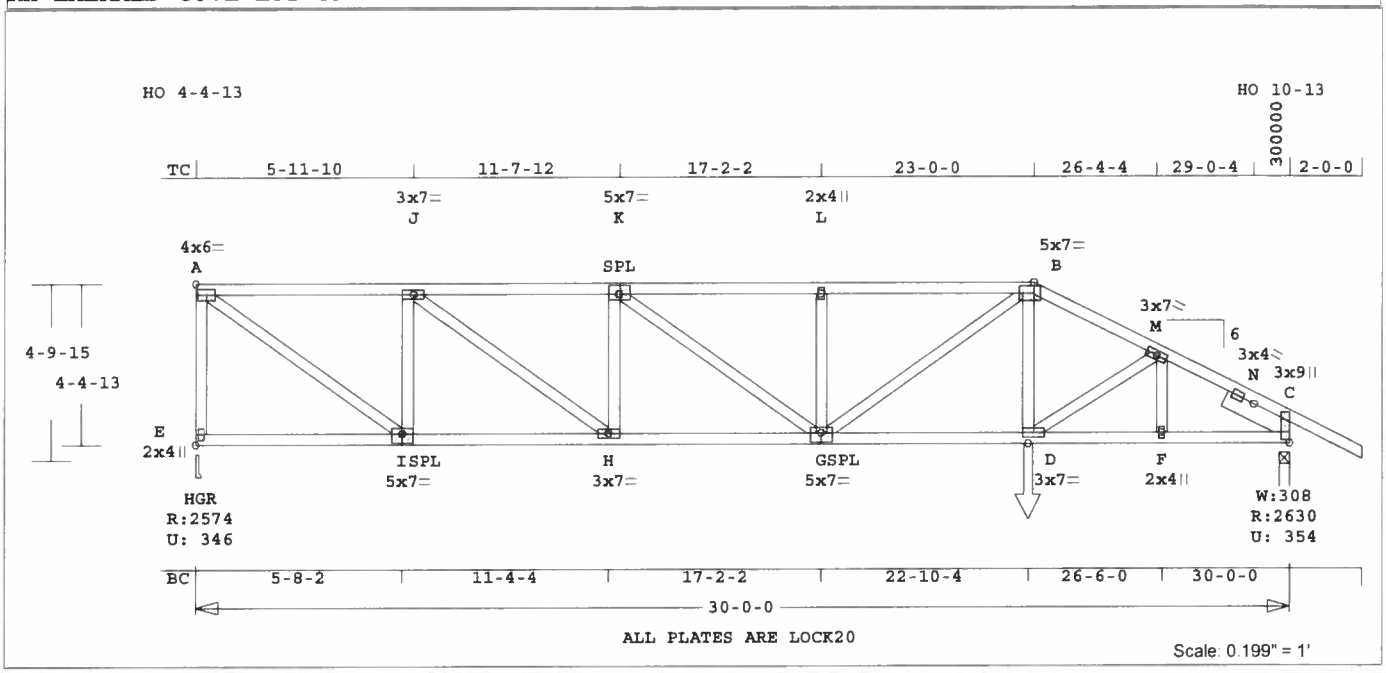
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

PHILIP J. O'REGAN LICENSE No. 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A17	1*2P	HHIP	300000	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 222.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.73	2x 4	SP-#2
BC	0.84	2x 4	SP-#2
WB	0.36	2x 4	SP-#2
SL	0.08	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	30- 0- 0
BC Cont.		0- 0- 0	30- 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'	30.0'
BC V	0	20	0.0'	30.0'
TC V	50	25	1.0'	23.0'
TC V	-40	-20	0.0'	1.0'
BC V	0	25	1.0'	22.9'
BC V	0	-20	0.0'	1.0'
BC V	280	280	22.9'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	Req'd In-Sx
E	2574	346	3- 8	1- 8
			Hz =	-137
C	2630	355	3- 8	1- 9
			Hz =	62

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -J	0.45	3181	C 0.01	0.44
J -K	0.48	4795	C 0.04	0.44
K -L	0.44	5054	C 0.05	0.39
L -B	0.44	5054	C 0.05	0.39
B -M	0.43	4184	C 0.04	0.39
M -N	0.73	3713	C 0.02	0.71
N -C	0.71	1353	C 0.00	0.71
--------Bottom Chords--------				
E -I	0.24	104	T 0.00	0.24
I -H	0.42	3181	T 0.18	0.24
H -G	0.54	4795	T 0.44	0.10
G -D	0.46	3806	T 0.35	0.11
D -F	0.51	3117	T 0.28	0.23
F -C	0.84	3117	T 0.28	0.56
----------Webs----------				
E -A	0.13	2504	C WindLd	
A -I	0.36	3927	T	
I -J	0.10	2021	C	
J -H	0.18	1992	T	
H -K	0.04	921	C	
K -G	0.02	319	T	
G -L	0.04	814	C	
G -B	0.14	1528	T	
D -B	0.03	484	T	
D -M	0.07	829	T	
F -M	0.01	268	C	
----------Sliders----------				
N -C	0.08	2653	C	

TL Defl -0.26" in H -G L/999
LL Defl -0.13" in H -G L/999
Shear // Grain in N -N 0.40

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	0.64
J	LOCK	3.0x 7.0 Ctr	Ctr	0.41
K	LOCK	5.0x 7.0 Ctr	0.5	0.69
L	LOCK	2.0x 4.0 Ctr	Ctr	0.41
B	LOCK	5.0x 7.0	0.5-0.1	0.87
M	LOCK	3.0x 7.0 Ctr	Ctr	0.39
N	LOCK	3.0x 4.0 Ctr	Ctr	0.76
C	LOCK	3.0x 9.0-1.5	0.3	0.83
E	LOCK	2.0x 4.0 Ctr	Ctr	0.43
I	LOCK	5.0x 7.0 Ctr-0.5		0.69
H	LOCK	3.0x 7.0 Ctr	Ctr	0.41
G	LOCK	5.0x 7.0 Ctr-0.5		0.69
D	LOCK	3.0x 7.0 Ctr	Ctr	0.40
F	LOCK	2.0x 4.0 Ctr	Ctr	0.41

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

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

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

Analysis Conforms To:
FBC2004
Girder Half 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	1	12	24	0
WB	1	8	8	

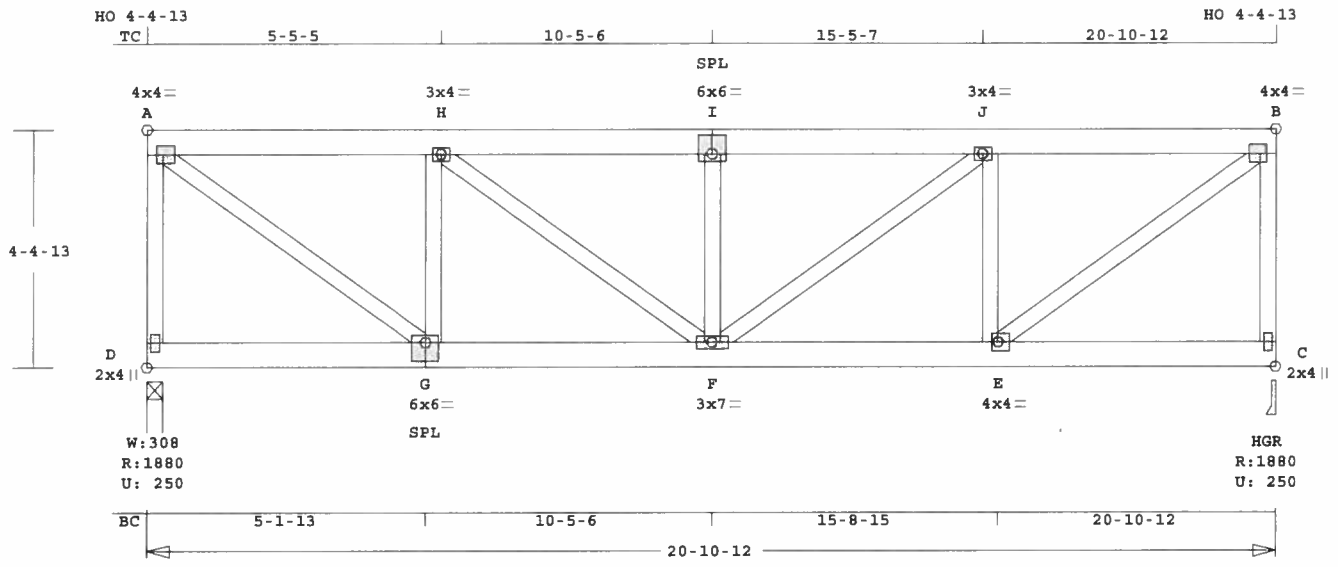
Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure 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 5054 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	A18	1	FLAT	201012	40413	0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 196.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.35	2x 6	SP-#2
BC	0.34	2x 6	SP-#2
WB	0.44	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	20-10-12
BC Cont.	0- 0- 0	20-10-12

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.00	Fc=1.00	Ft=1.00	
BC Fb=1.00	Fc=1.00	Ft=1.00	

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

plf -	Live	Dead	From	To
TC V	90	45	0.0'	20.9'
BC V	0	45	0.0'	20.9'

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
D	1881	251	3- 8	2- 4
			Hz = -123	
C	1881	251	3- 8	2- 4
			Hz = 124	

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -H	0.34	1919 C	0.01	0.33
H -I	0.35	2488 C	0.02	0.33
I -J	0.35	2488 C	0.02	0.33
J -B	0.34	1919 C	0.01	0.33
--------Bottom Chords---------				
D -G	0.17	94 T	0.00	0.17
G -F	0.34	1919 T	0.25	0.09
F -E	0.34	1919 T	0.25	0.09
E -C	0.17	94 T	0.00	0.17
------------Webs------------				
D -A	0.33	1773 C	WindLd	
A -G	0.44	2417 T		
G -H	0.23	1214 C		
H -F	0.13	716 T		
F -I	0.12	655 C		
F -J	0.13	716 T		
E -J	0.23	1214 C		
E -B	0.44	2417 T		
C -B	0.33	1773 C	WindLd	

TL Defl -0.11" in G -F L/999
LL Defl -0.06" in G -F L/999
Shear // Grain in A -H 0.34

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 4.0	0.5	Ctr	0.88
H	LOCK	3.0x 4.0	Ctr	Ctr	0.52
I	LOCK	6.0x 6.0	Ctr	1.2	0.46
J	LOCK	3.0x 4.0	Ctr	Ctr	0.52
B	LOCK	4.0x 4.0	-0.5	Ctr	0.88
D	LOCK	2.0x 4.0	Ctr	Ctr	0.57
G	LOCK	6.0x 6.0	Ctr	-1.2	0.84
F	LOCK	3.0x 7.0	Ctr	Ctr	0.50
E	LOCK	4.0x 4.0	0.5	Ctr	0.88
C	LOCK	2.0x 4.0	Ctr	Ctr	0.57

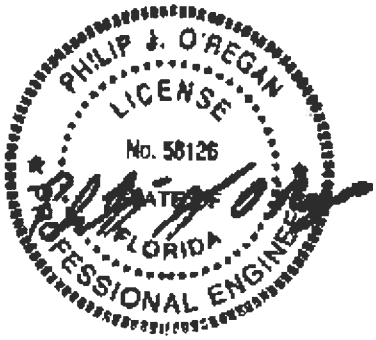
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

Analysis Conforms To:
FBC2004
Girder Common
Loading TC and BC
Span 7- 0- 0
Design checked for 10 psf non-concurrent LL on BC.
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 2488 Lbs
Quality Control Factor 1.25

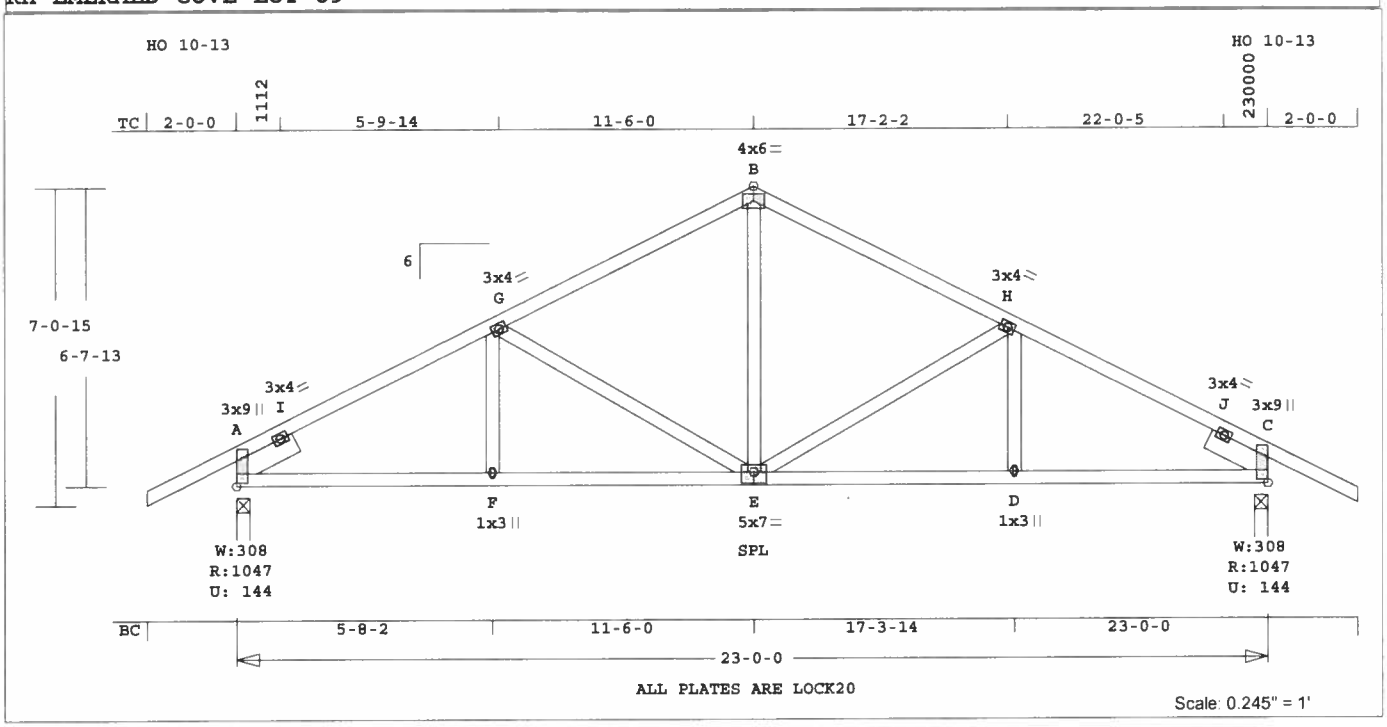
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	B1	3	TR	230000	6	2- 0- 0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 157.1 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.51	2x 4	SP-#2
BC	0.67	2x 4	SP-#2
WB	0.16	2x 4	SP-#2
SL	0.05	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	23- 0- 0
BC	Cont.	0- 0- 0	23- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	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	1048	145	3- 8	1- 8
			Hz =	-110
C	1048	145	3- 8	1- 8
			Hz =	111

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -I	0.50	655 C	0.00		0.50
I -G	0.51	1266 C	0.01		0.50
G -B	0.29	948 C	0.01		0.28
B -H	0.29	948 C	0.01		0.28
H -J	0.51	1266 C	0.01		0.50
J -C	0.50	655 C	0.00		0.50
--------Bottom Chords---------					
A -F	0.67	1114 T	0.18		0.49
F -E	0.37	1114 T	0.18		0.19
E -D	0.37	1114 T	0.18		0.19
D -C	0.67	1114 T	0.18		0.49
----------Webs----------					
F -G	0.02	160 T			
G -E	0.16	303 C			
E -B	0.08	496 T			
E -H	0.16	303 C			
D -H	0.02	160 T			
----------Sliders----------					
A -I	0.05	833 C			
J -C	0.05	833 C			

TL Defl -0.17" in E -D L/999
LL Defl -0.08" in E -D L/999
Shear // Grain in I -I 0.40

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

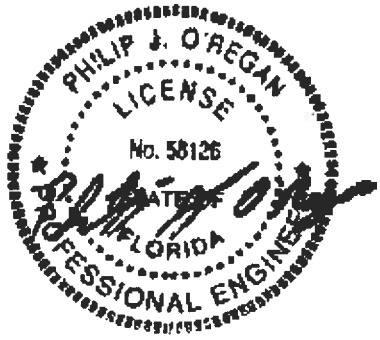
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 9.0	1.5	0.3	0.73
I	LOCK	3.0x 4.0	Ctr	Ctr	0.67
G	LOCK	3.0x 4.0	Ctr	Ctr	0.61
B	LOCK	4.0x 6.0	Ctr	Ctr	0.58
H	LOCK	3.0x 4.0	Ctr	Ctr	0.61
J	LOCK	3.0x 4.0	Ctr	Ctr	0.67
C	LOCK	3.0x 9.0-1.5	0.3		0.73
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
E	LOCK	5.0x 7.0	Ctr-0.5		0.61
D	LOCK	1.0x 3.0	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 1266 Lbs
Quality Control Factor 1.25

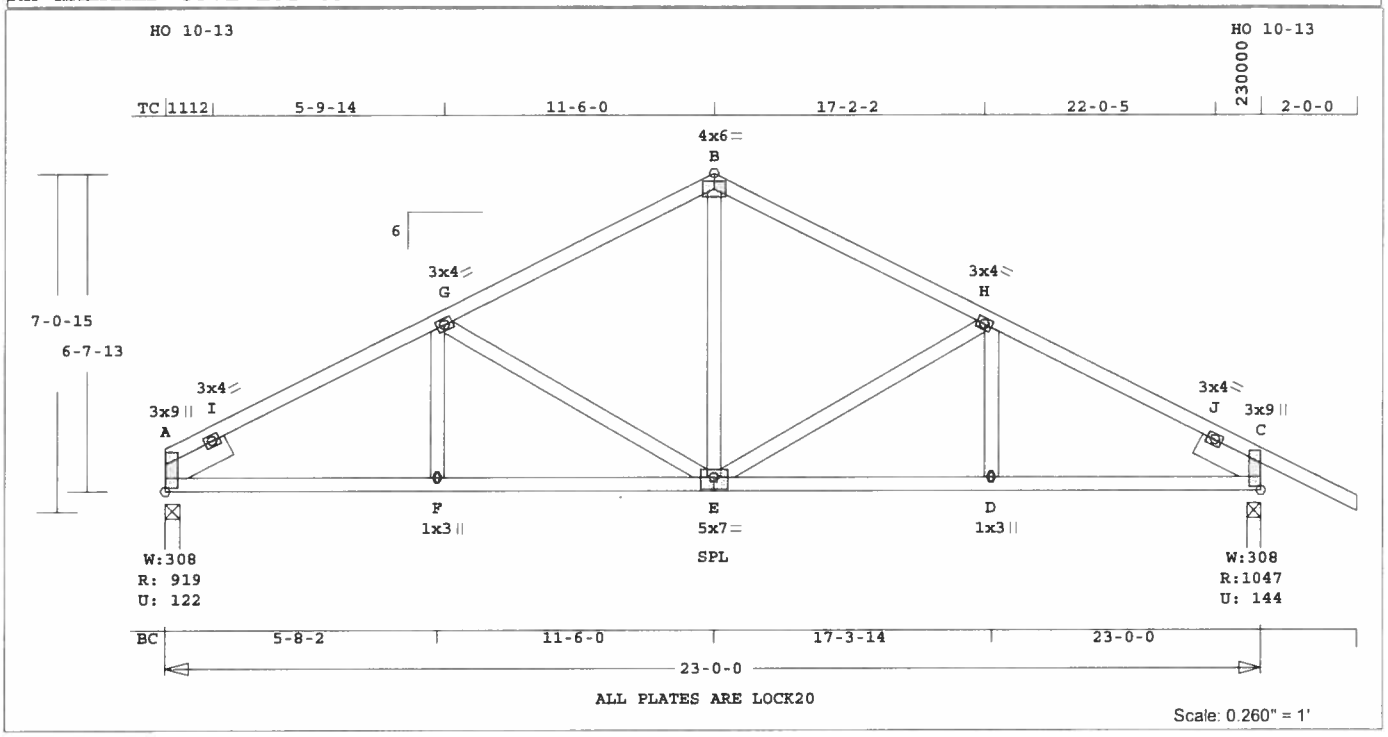
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	B2	9	TR	230000	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 152.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.51	2x 4	SP-#2
BC	0.67	2x 4	SP-#2
WB	0.16	2x 4	SP-#2
SL	0.05	2x 6	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	23- 0- 0
BC Cont.	0- 0- 0	23- 0- 0

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

Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 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	920	123	3- 8	1- 8
			Hz =	-110
C	1048	145	3- 8	1- 8
			Hz =	111

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -I	0.50	655 C	0.00	0.50
I -G	0.51	1266 C	0.01	0.50
G -B	0.29	948 C	0.01	0.28
B -H	0.29	948 C	0.01	0.28
H -J	0.51	1266 C	0.01	0.50
J -C	0.50	655 C	0.00	0.50
--------Bottom Chords---------				
A -F	0.67	1114 T	0.18	0.49
F -E	0.37	1114 T	0.18	0.19
E -D	0.37	1114 T	0.18	0.19
D -C	0.67	1114 T	0.18	0.49
----------Webs----------				
F -G	0.02	160 T		
G -E	0.16	303 C		
E -B	0.08	496 T		
E -H	0.16	303 C		
D -H	0.02	160 T		
----------Sliders----------				
A -I	0.05	833 C		
J -C	0.05	833 C		

TL Defl -0.17" in E -D L/999
LL Defl -0.08" in E -D L/999
Shear // Grain in I -I 0.40

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 9.0	1.5	0.3	0.73
I	LOCK	3.0x 4.0	Ctr	Ctr	0.67
G	LOCK	3.0x 4.0	Ctr	Ctr	0.61
B	LOCK	4.0x 6.0	Ctr	Ctr	0.58
H	LOCK	3.0x 4.0	Ctr	Ctr	0.61
J	LOCK	3.0x 4.0	Ctr	Ctr	0.67
C	LOCK	3.0x 9.0-1.5	0.3		0.73
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
E	LOCK	5.0x 7.0	Ctr-0.5		0.61
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.

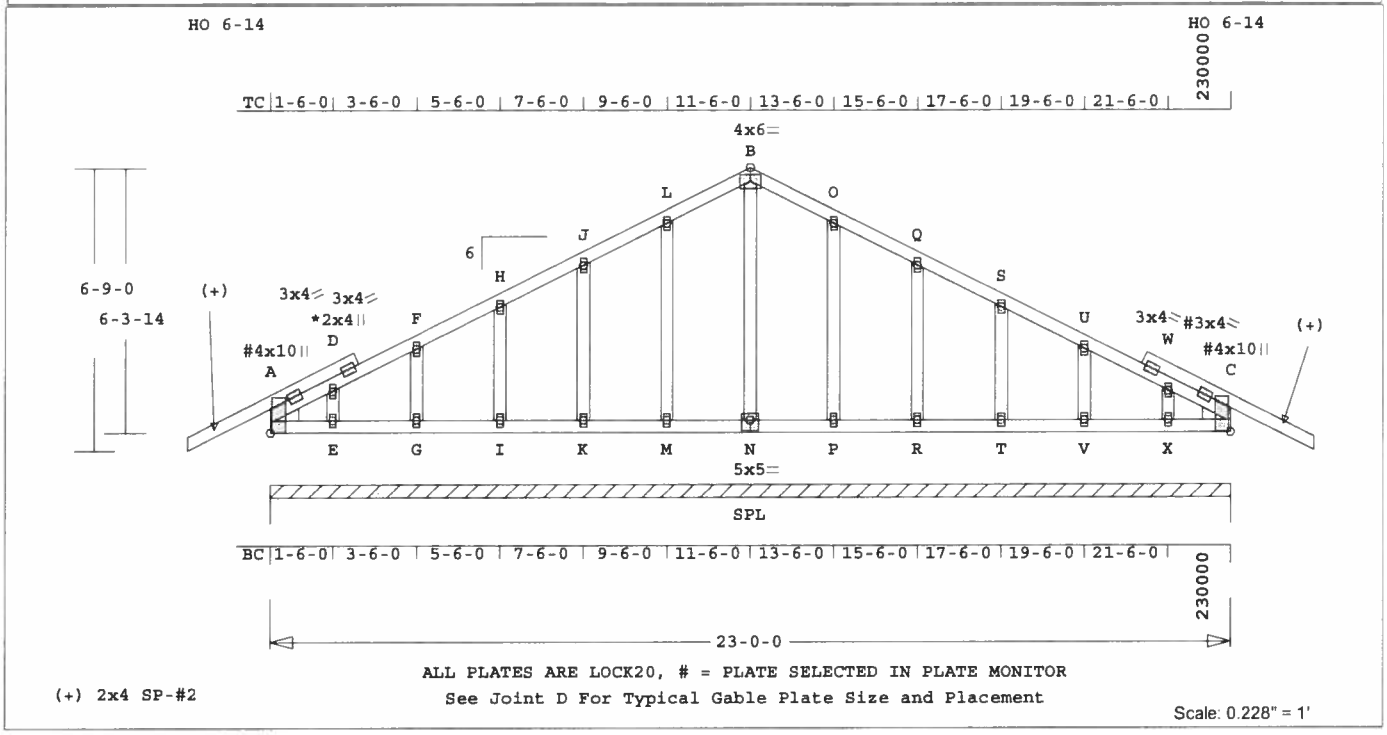
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 1266 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
KH-EMERALD	B3	1	TR	230000	6	0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 175.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.03	2x 4	SP-#2
BC	0.02	2x 4	SP-#2
GW	0.04	2x 4	SP-#2
WG	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	23- 0- 0
BC	Cont.	0- 0- 0	23- 0- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
Cont.	Brg 1840	0- 0- 0 to 245	Hz =	23- 0- 0 111

Membr	CSI	P Lbs	Axl-CSI-Bnd	
	Top Chords			
A -D	0.02	87	C 0.00	0.02
D -F	0.03	56	C 0.00	0.03
F -H	0.03	42	C 0.00	0.03
H -J	0.03	31	C 0.00	0.03
J -L	0.03	47	T 0.00	0.03
L -B	0.03	81	T 0.00	0.03
B -O	0.03	81	T 0.00	0.03
O -Q	0.03	47	T 0.00	0.03
Q -S	0.03	31	C 0.00	0.03
S -U	0.03	42	C 0.00	0.03
U -W	0.03	56	C 0.00	0.03
W -C	0.02	87	C 0.00	0.02
	Bottom Chords			
A -E	0.01	16	T 0.00	0.01
E -G	0.02	0	T 0.00	0.02
G -I	0.02	0	T 0.00	0.02
I -K	0.02	0	T 0.00	0.02
K -M	0.02	0	T 0.00	0.02
M -N	0.02	0	T 0.00	0.02
N -P	0.02	0	T 0.00	0.02
P -R	0.02	0	T 0.00	0.02
R -T	0.02	0	T 0.00	0.02
T -V	0.02	0	T 0.00	0.02
V -X	0.02	0	T 0.00	0.02
X -C	0.01	16	T 0.00	0.01
	Gable Webs			
E -D	0.00	104	C	
G -F	0.01	123	C	
I -H	0.01	119	C	
K -J	0.02	119	C	
M -L	0.04	124	C	
N -B	0.03	87	C	
P -O	0.04	124	C	
R -Q	0.02	119	C	
T -S	0.01	119	C	
V -U	0.01	123	C	
X -W	0.00	104	C	

TL Defl 0.00" in E -G L/999
LL Defl 0.00" in V -X L/999
Shear // Grain in D -F 0.07

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	4.0x10.0	2.4	1.8	0.56
D	LOCK	2.0x 4.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.00
H	LOCK	2.0x 4.0	Ctr	Ctr	0.00
J	LOCK	2.0x 4.0	Ctr	Ctr	0.00
L	LOCK	2.0x 4.0	Ctr	Ctr	0.00
B	LOCK	4.0x 6.0	Ctr	Ctr	0.58
O	LOCK	2.0x 4.0	Ctr	Ctr	0.00
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.00
S	LOCK	2.0x 4.0	Ctr	Ctr	0.00
U	LOCK	2.0x 4.0	Ctr	Ctr	0.00
W	LOCK	2.0x 4.0	Ctr	Ctr	0.00
C#	LOCK	4.0x10.0	-2.4	1.8	0.56
E	LOCK	2.0x 4.0	Ctr	Ctr	0.00
G	LOCK	2.0x 4.0	Ctr	Ctr	0.00
I	LOCK	2.0x 4.0	Ctr	Ctr	0.00
K	LOCK	2.0x 4.0	Ctr	Ctr	0.00
M	LOCK	2.0x 4.0	Ctr	Ctr	0.00
N	LOCK	5.0x 5.0	Ctr	-0.5	0.61
P	LOCK	2.0x 4.0	Ctr	Ctr	0.00
R	LOCK	2.0x 4.0	Ctr	Ctr	0.00
T	LOCK	2.0x 4.0	Ctr	Ctr	0.00
V	LOCK	2.0x 4.0	Ctr	Ctr	0.00
X	LOCK	2.0x 4.0	Ctr	Ctr	0.00

= Plate Monitor used

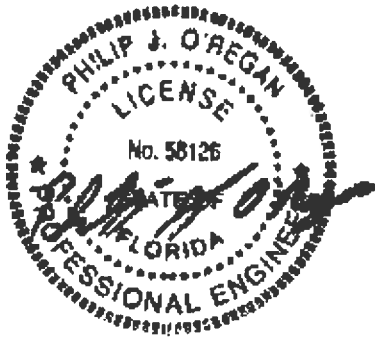
REVIEWED BY:

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
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as 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 124 Lbs
Quality Control Factor 1.25

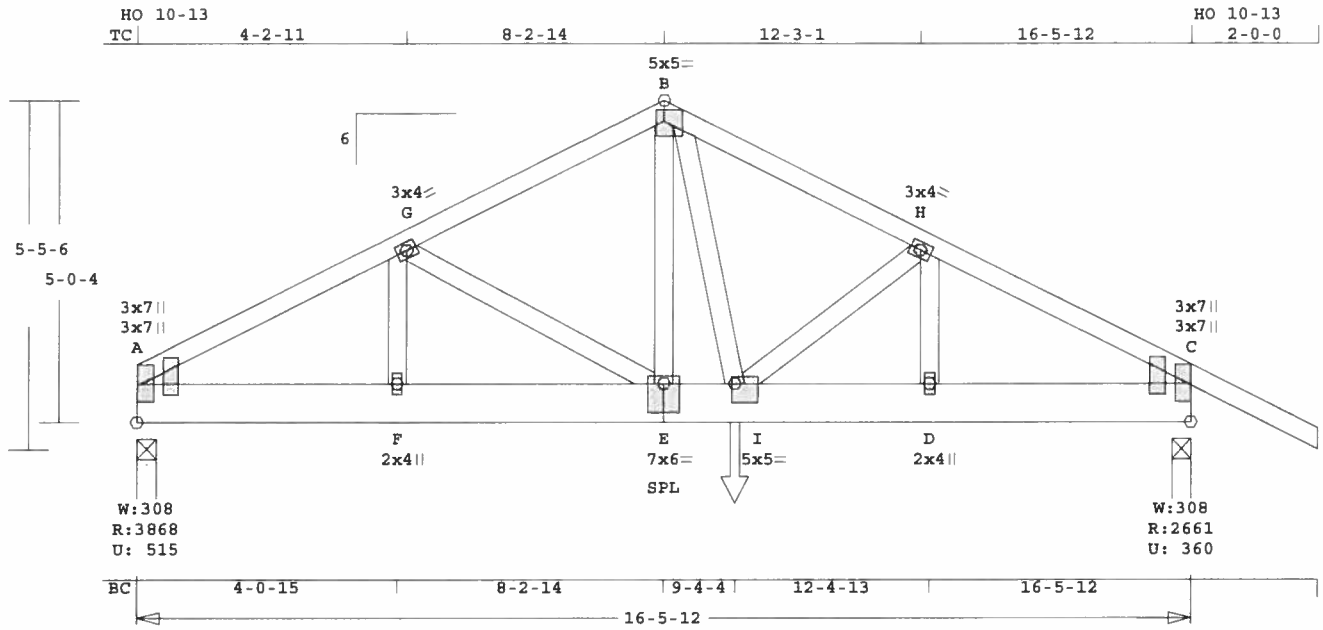
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	C1	1*2P	TR	160512	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 142.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.37	2x 4	SP-#2
BC	0.66	2x 8	SP-#2
WB	0.16	2x 4	SP-#2
WG	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	16- 5-12
BC Cont.		0- 0- 0	16- 5-12

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

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

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

plf - Live	Dead	From	To
TC V 40	20	0.0'	16.5'
BC V 0	20	0.0'	16.5'
BC V 189	189	0.0'	8.5'
BC V 940	940	9.4'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	3869	515	3- 8	2- 5
			Hz =	-70
C	2662	360	3- 8	1- 9
			Hz =	71

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -G	0.33	5050 C	0.05 0.28
G -B	0.37	3972 C	0.03 0.34
B -H	0.23	4352 C	0.04 0.19
H -C	0.26	3935 C	0.03 0.23
--------Bottom Chords---------			
A -F	0.66	4472 T	0.25 0.41
F -E	0.50	4472 T	0.25 0.25
E -I	0.27	3533 T	0.19 0.08
I -D	0.39	3496 T	0.19 0.20
D -C	0.56	3496 T	0.19 0.37
----------Webs----------			
F -G	0.08	1067 T	
G -E	0.05	1017 C	
E -B	0.16	1805 T	
B -I	0.15	1654 T	
I -H	0.04	543 T	
D -H	0.03	696 C	

TL Defl -0.11" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in A -F 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 7.0	1.1	0.2	0.97
A	LOCK	3.0x 7.0	Ctr	Ctr	0.00
G	LOCK	3.0x 4.0	Ctr	Ctr	0.53
B	LOCK	5.0x 5.0	1.0	-0.3	0.80
H	LOCK	3.0x 4.0	Ctr	Ctr	0.53
C	LOCK	3.0x 7.0	-1.1	0.2	0.76
C	LOCK	3.0x 7.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.57
E	LOCK	7.0x 6.0	Ctr	-2.0	0.60
I	LOCK	5.0x 5.0	Ctr	-1.1	0.56
D	LOCK	2.0x 4.0	Ctr	Ctr	0.38

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

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

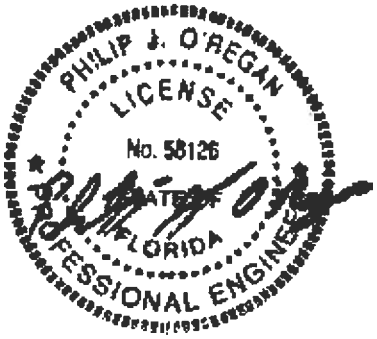
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
2 COMPLETE TRUSSES REQUIRED.

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

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

Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 5050 Lbs
Quality Control Factor 1.25

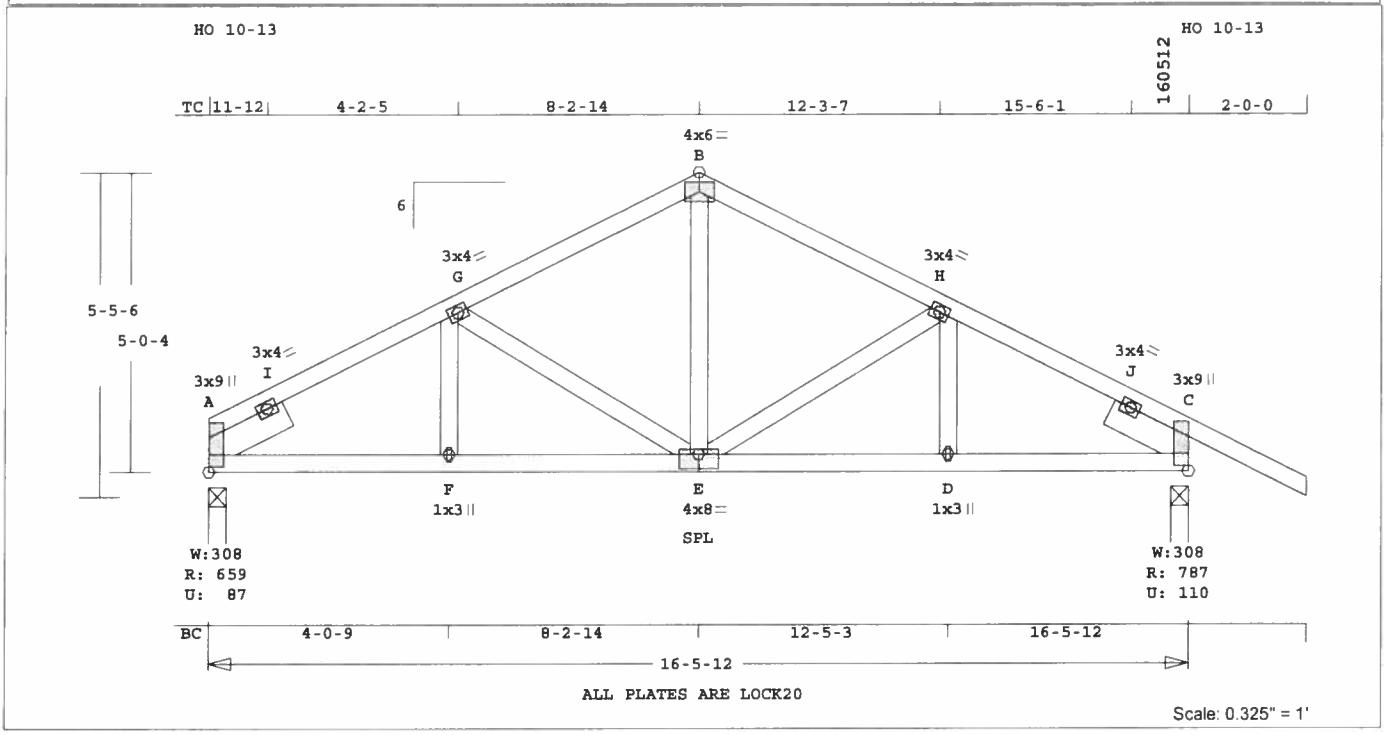
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	C2	1	TR	160512	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 113.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.29	2x 4	SP-#2
BC	0.42	2x 4	SP-#2
WB	0.05	2x 4	SP-#2
SL	0.03	2x 6	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	16- 5-12
BC Cont.	0- 0- 0	16- 5-12

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25

TC Fb=1.15 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	659	88	3- 8	1- 8
			Hz =	-71
C	787	110	3- 8	1- 8
			Hz =	72

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -I	0.29	435	C	0.00	0.29
I -G	0.29	829	C	0.00	0.29
G -B	0.16	648	C	0.00	0.16
B -H	0.16	648	C	0.00	0.16
H -J	0.29	829	C	0.00	0.29
J -C	0.29	435	C	0.00	0.29
Bottom Chords					
A -F	0.42	721	T	0.12	0.30
F -E	0.22	721	T	0.12	0.10
E -D	0.22	721	T	0.12	0.10
D -C	0.42	721	T	0.12	0.30
Webs					
F -G	0.01	99	T		
G -E	0.04	160	C		
E -B	0.05	326	T		
E -H	0.04	160	C		
D -H	0.01	99	T		
Sliders					
A -I	0.03	540	C		
J -C	0.03	540	C		

TL Defl -0.07" in F -E L/999
LL Defl -0.03" in F -E L/999
Shear // Grain in I -I 0.24

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 9.0	1.5	0.3	0.64
I	LOCK	3.0x 4.0	Ctr	Ctr	0.58
G	LOCK	3.0x 4.0	Ctr	Ctr	0.53
B	LOCK	4.0x 6.0	Ctr	Ctr	0.51
H	LOCK	3.0x 4.0	Ctr	Ctr	0.53
J	LOCK	3.0x 4.0	Ctr	Ctr	0.58
C	LOCK	3.0x 9.0	-1.5	0.3	0.64
F	LOCK	1.0x 3.0	Ctr	Ctr	0.81
E	LOCK	4.0x 8.0	Ctr	-1.0	0.57
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.

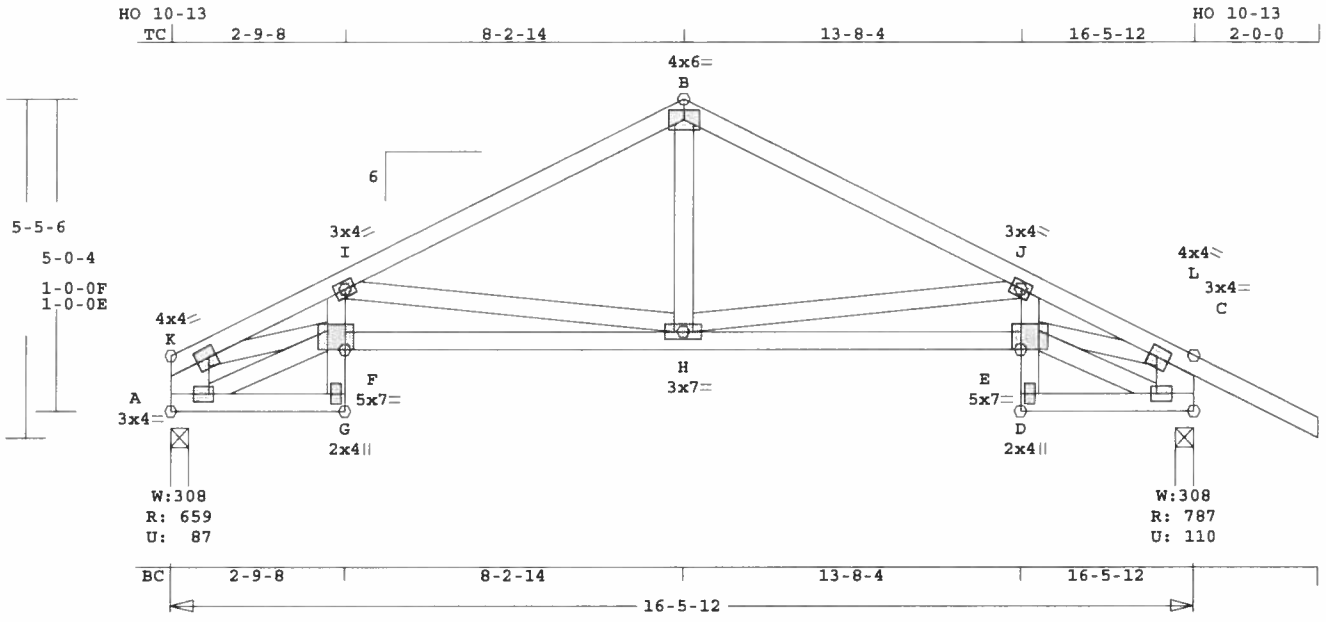
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 829 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	C3	2	SP	160512	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



ALL PLATES ARE LOCK20

Scale: 0.339" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 123.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.24	2x 4	SP-#2
BC	0.40	2x 4	SP-#2
CW	0.16	2x 4	SP-#2
WB	0.28	2x 4	SP-#2
EX A -K		2x 8	SP-#2
EX C -L		2x 8	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	16- 5-12
BC Cont.		0- 0- 0	16- 5-12

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

Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 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	659	88	3- 8	1- 8
			Hz =	-93
C	787	110	3- 8	1- 8
			Hz =	94

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
K -K	0.00	4 T		
K -I	0.14	1529 C	0.01	0.13
I -B	0.24	822 C	0.00	0.24
B -J	0.24	822 C	0.00	0.24
J -L	0.14	1529 C	0.01	0.13
L -L	0.00	4 T		
--------Bottom Chords---------				
A -G	0.04	76 T	0.00	0.04
F -H	0.40	1434 T	0.24	0.16
H -E	0.40	1434 T	0.24	0.16
D -C	0.04	76 T	0.00	0.04
----------Chord-Webs----------				
G -F	0.16	46 T	0.00	0.16
F -I	0.14	237 T	0.03	0.11
D -E	0.16	46 T	0.00	0.16
E -J	0.14	237 T	0.03	0.11
------------Webs------------				
A -K	0.02	596 C	WindLd	
A -F	0.00	83 C		
K -F	0.25	1388 T		
I -H	0.28	705 C		
H -B	0.07	428 T		
H -J	0.28	705 C		
E -L	0.25	1388 T		
E -C	0.00	83 C		
C -L	0.02	596 C	WindLd	

TL Defl -0.11" in F -H L/999
LL Defl -0.05" in F -H L/999
Shear // Grain in I -B 0.20

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

Jt	Type	Plt Size	X	Y	JSI
K	LOCK	4.0x 4.0	-0.4	-0.2	0.65
I	LOCK	3.0x 4.0	Ctr	Ctr	0.35
B	LOCK	4.0x 6.0	Ctr	Ctr	0.51
J	LOCK	3.0x 4.0	Ctr	Ctr	0.35
L	LOCK	4.0x 4.0	0.4	-0.2	0.65
A	LOCK	3.0x 4.0	-1.0	Ctr	0.63
G	LOCK	2.0x 4.0	Ctr	Ctr	0.58
F	LOCK	5.0x 7.0	Ctr	0.8	0.76
H	LOCK	3.0x 7.0	Ctr	Ctr	0.64
E	LOCK	5.0x 7.0	Ctr	0.7	0.76
D	LOCK	2.0x 4.0	Ctr	Ctr	0.58
C	LOCK	3.0x 4.0	1.0	Ctr	0.63

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

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

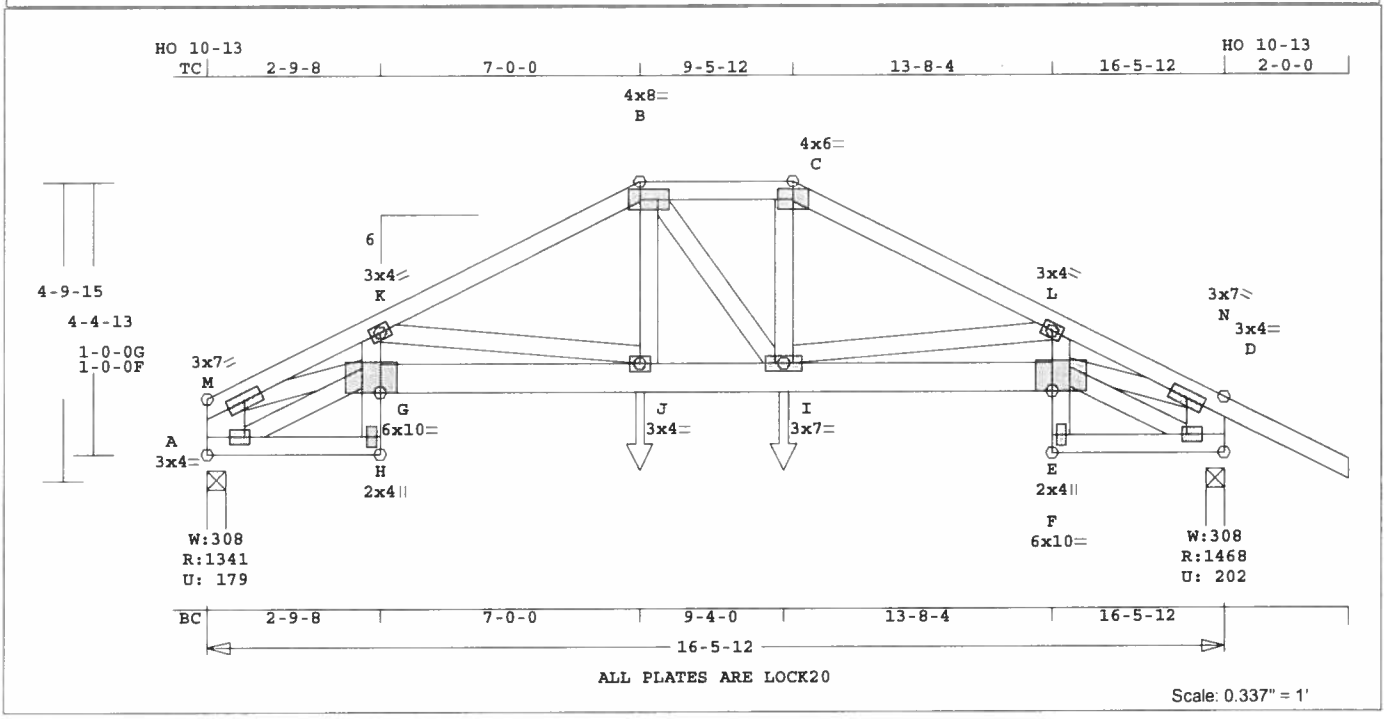
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 1529 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	C4	1	SP	160512	6	0	2- 0- 0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 139.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.06	2x 4	SP-#2
EX G -F		2x 6	SP-#2
CW	0.57	2x 4	SP-#2
WB	0.57	2x 4	SP-#2
EX A -M		2x 8	SP-#2
EX D -N		2x 8	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	16- 5-12
BC Cont.	0- 0- 0	16- 5-12

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

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

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

plf -	Live	Dead	From	To
TC V	40	20	0.0'	16.5'
BC V	0	20	0.0'	16.5'
TC V	50	25	7.0'	9.5'
BC V	0	25	7.0'	9.3'
BC V	280	280	7.0'	CL-LB
BC V	280	280	9.3'	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	1342	180	3- 8	1- 9
			Hz =	-82
D	1469	202	3- 8	1-12
			Hz =	83

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
M -M	0.00	4 T		
M -K	0.25	3430 C	0.10	0.15
K -B	0.34	2640 C	0.05	0.29
B -C	0.20	2386 C	0.04	0.16
C -L	0.32	2650 C	0.07	0.25
L -N	0.23	3433 C	0.10	0.13
N -N	0.00	4 T		
--------Bottom Chords---------				
A -H	0.06	247 T	0.04	0.02
G -J	0.65	3091 T	0.41	0.24
J -I	0.36	2352 T	0.31	0.05
I -F	0.66	3087 T	0.41	0.25
E -D	0.06	252 T	0.04	0.02
----------Chord-Webs----------				
H -G	0.55	46 T	0.00	0.55
G -K	0.11	344 T	0.06	0.05
E -F	0.57	46 T	0.00	0.57
F -L	0.10	329 T	0.05	0.05
------------Webs------------				
A -M	0.05	1197 C	WindLd	
A -G	0.03	272 C		
M -G	0.57	3090 T		
K -J	0.18	723 C		
J -B	0.15	821 T		
B -I	0.01	72 T		
I -C	0.15	828 T		
I -L	0.18	713 C		
F -N	0.57	3095 T		
F -D	0.03	278 C		
D -N	0.05	1194 C	WindLd	

TL Defl -0.19" in G -J L/999
LL Defl -0.09" in J -I L/999
Shear // Grain in E -F 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
M	LOCK	3.0x 7.0	Ctr	Ctr	0.88
K	LOCK	3.0x 4.0	Ctr	Ctr	0.35
B	LOCK	4.0x 8.0	Ctr	Ctr	0.79
C	LOCK	4.0x 6.0	Ctr	Ctr	0.79
L	LOCK	3.0x 4.0	Ctr	Ctr	0.35
N	LOCK	3.0x 7.0	Ctr	Ctr	0.88
A	LOCK	3.0x 4.0-1.0	Ctr	Ctr	0.63
H	LOCK	2.0x 4.0	Ctr	Ctr	0.58
G	LOCK	6.0x10.0	Ctr	0.2	0.86
J	LOCK	3.0x 4.0	Ctr	Ctr	0.64
I	LOCK	3.0x 7.0	Ctr	Ctr	0.63
F	LOCK	6.0x10.0	Ctr	0.2	0.86
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
D	LOCK	3.0x 4.0	1.0	Ctr	0.63

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

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

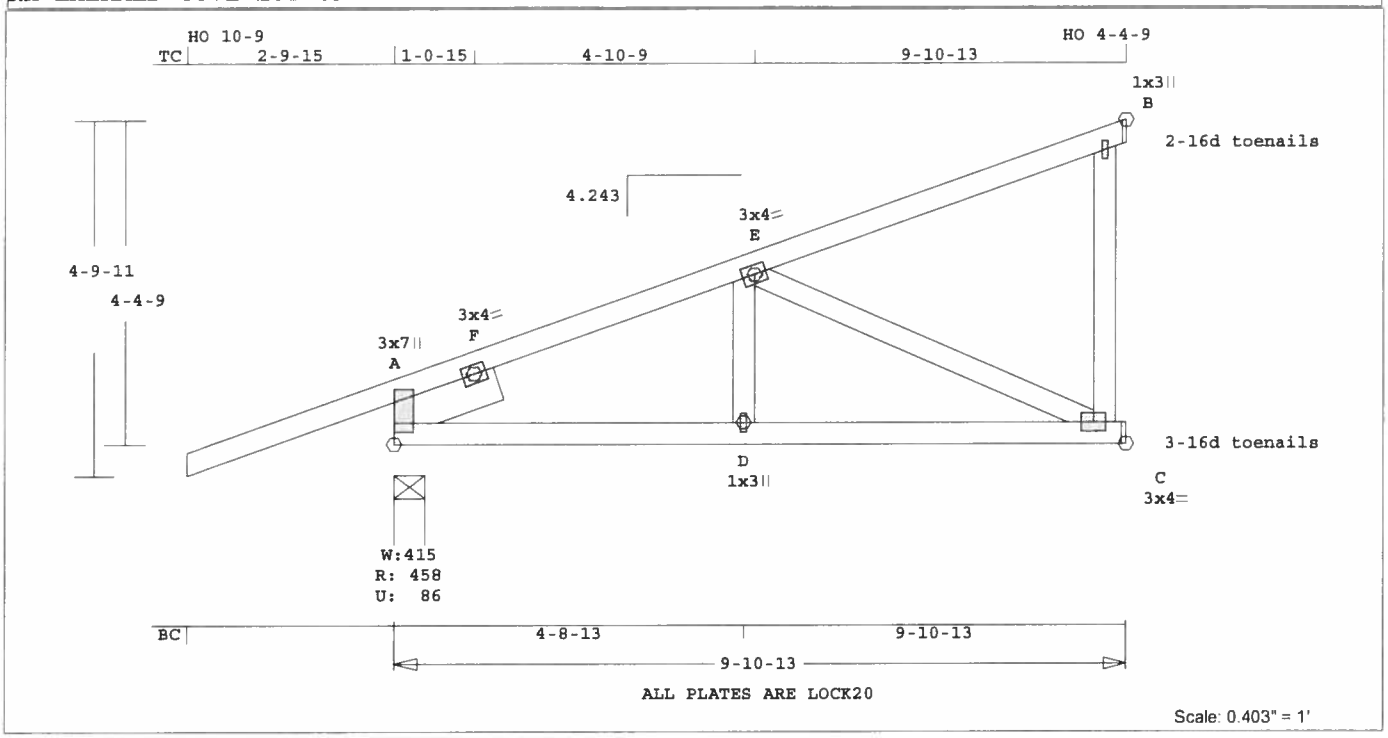
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance 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 3433 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	CJ1	1	MONO.DD	91013	4.243	2- 9-15	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 68.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.45	2x 4	SP-#2
BC	0.32	2x 4	SP-#2
WB	0.18	2x 4	SP-#2
SL	0.01	2x 6	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	Size Req'd In-Sx
A	458	87	4-15	1- 8
			Hz =	-50
C	337	5	1- 8	1- 8
B	263	88	1- 8	1- 8
			Hz =	135

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -F	0.22	308 C	0.00	0.22
F -E	0.24	487 C	0.00	0.24
E -B	0.45	80 T	0.00	0.45
Bottom Chords				
A -D	0.32	464 T	0.08	0.24
D -C	0.30	464 T	0.05	0.25
Webs				
D -E	0.03	207 T		
E -C	0.18	512 C		
C -B	0.02	0 T	WindLd	
Sliders				
A -F	0.01	266 C		

TL Defl -0.08" in D -C L/999
LL Defl -0.04" 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 7.0	1.5	0.3	0.89
F	LOCK	3.0x 4.0	Ctr	Ctr	0.50
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	0.54

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

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

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

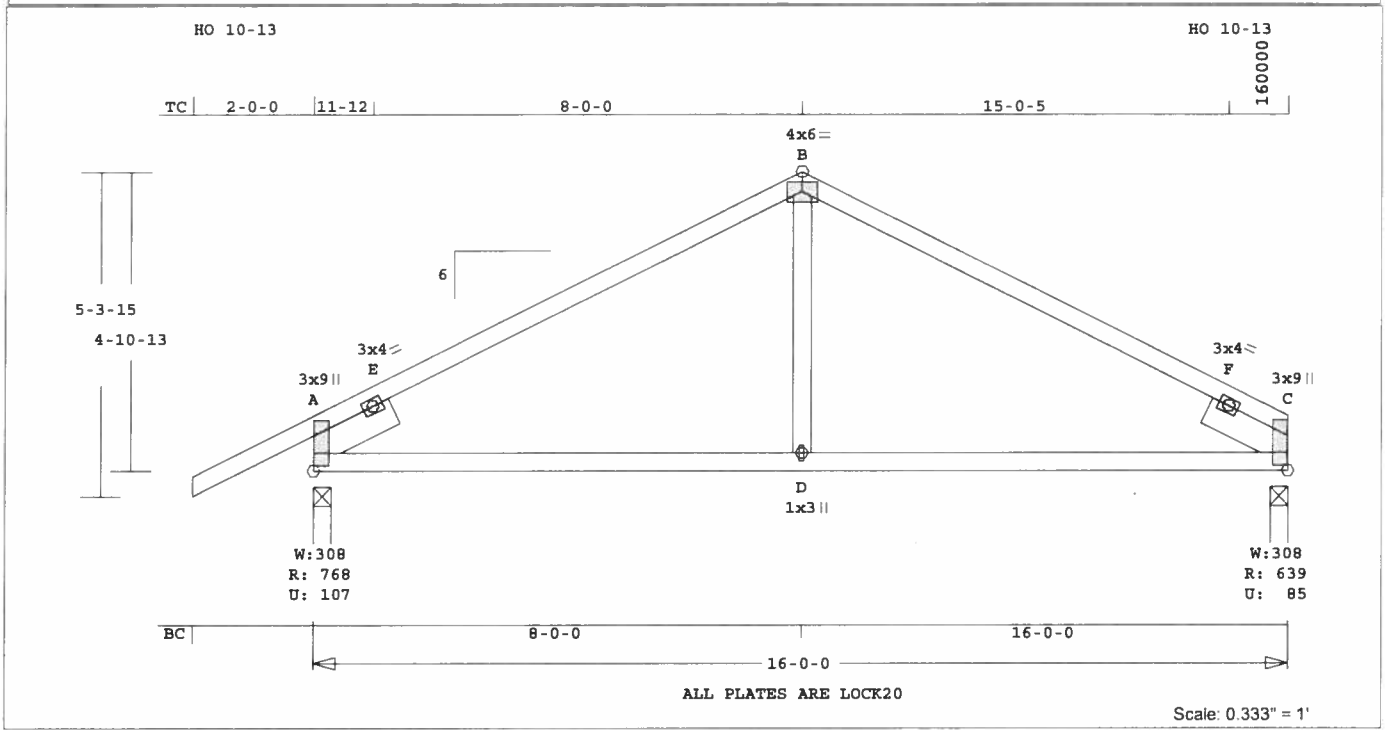
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 512 Lbs
Quality Control Factor 1.25

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

Date Scaled: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	D1	3	KI	160000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 85.4 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.39	2x 4	SP-#2
WB	0.04	2x 4	SP-#2
SL	0.04	2x 6	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	16- 0- 0
BC	Cont.	0- 0- 0	16- 0- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25

TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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	768	108	3- 8	1- 8
			Hz =	-68
C	640	85	3- 8	1- 8
			Hz =	69

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -E	0.31	381 C	0.00	0.31
E -B	0.35	683 C	0.01	0.34
B -F	0.35	683 C	0.01	0.34
F -C	0.31	381 C	0.00	0.31
Bottom Chords				
A -D	0.39	612 T	0.06	0.33
D -C	0.39	612 T	0.06	0.33
Webs				
D -B	0.04	318 T		
Sliders				
A -E	0.04	662 C		
F -C	0.04	662 C		

TL Defl -0.09" in A -D L/999
LL Defl -0.04" in A -D L/999
Shear // Grain in E -E 0.25

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

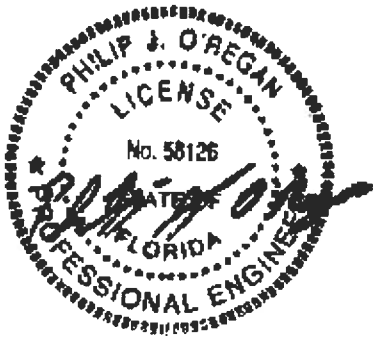
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 9.0	1.5	0.3	0.63
E	LOCK	3.0x 4.0	Ctr	Ctr	0.58
B	LOCK	4.0x 6.0	Ctr	Ctr	0.50
F	LOCK	3.0x 4.0	Ctr	Ctr	0.58
C	LOCK	3.0x 9.0-1.5	0.3	0.63	
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
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 683 Lbs
Quality Control Factor 1.25

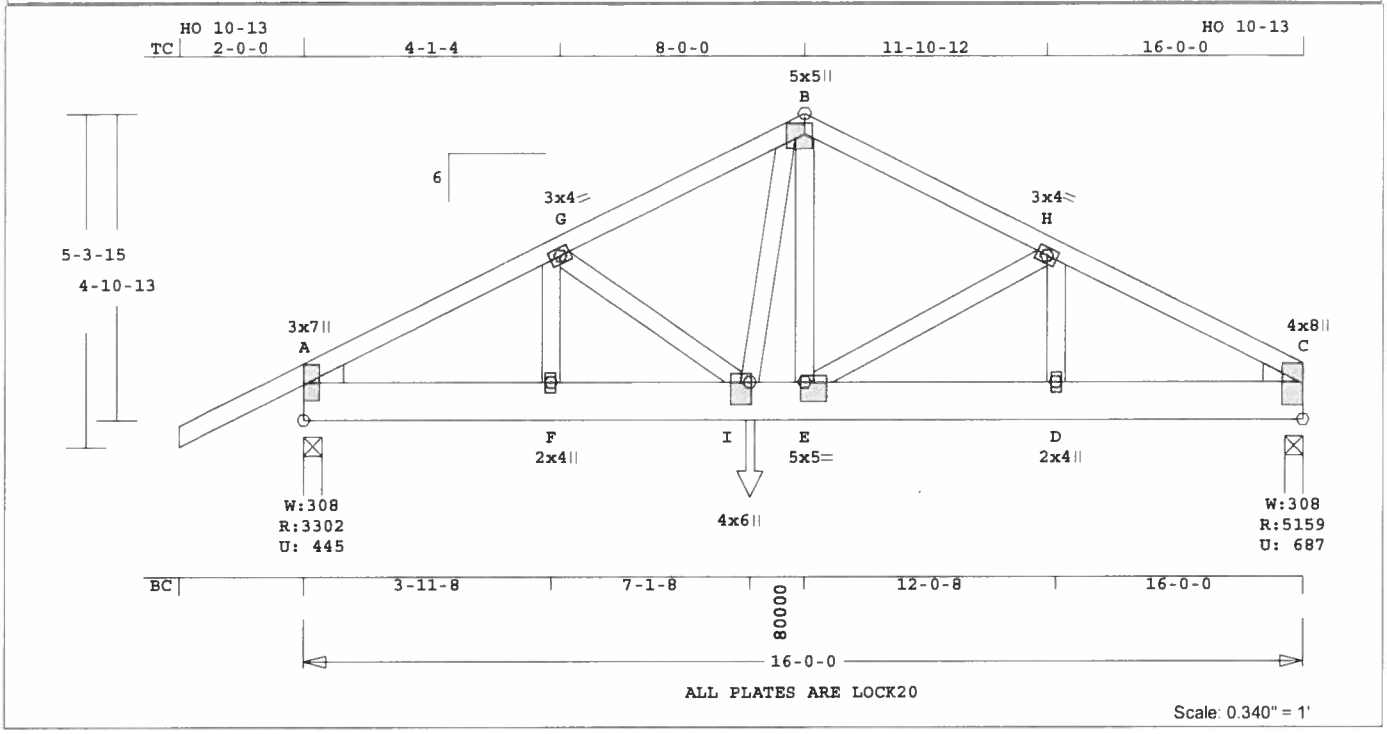
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	D2	1*2P	TR	160000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 138.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.83	2x 8	SP-#1
WB	0.22	2x 4	SP-#2
PB	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	16- 0- 0
BC	Cont.	0- 0- 0	16- 0- 0

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

Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.00 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'	16.0'
BC V	0	20	0.0'	16.0'
BC V	280	280	8.0'	16.0'
BC V	1287	1287	7.1'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	3302	445	3- 8	1-15
			Hz =	-68
C	5160	687	3- 8	3- 1
			Hz =	68

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -G	0.35	5098 C	0.05 0.30
G -B	0.33	5704 C	0.08 0.25
B -H	0.49	5315 C	0.05 0.44
H -C	0.49	6878 C	0.10 0.39
--------Bottom Chords---------			
A -F	0.62	4532 T	0.20 0.42
F -I	0.41	4532 T	0.20 0.21
I -E	0.28	4729 T	0.21 0.07
E -D	0.55	6093 T	0.27 0.28
D -C	0.83	6093 T	0.27 0.56
------------Webs------------			
F -G	0.04	897 C	
G -I	0.06	740 T	
I -B	0.20	2212 T	
E -B	0.22	2422 T	
E -H	0.08	1485 C	
D -H	0.13	1585 T	

TL Defl -0.15" in E -D L/999
LL Defl -0.08" in E -D L/999
Shear // Grain in D -C 0.56

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	1.5	0.4	0.98
G	LOCK	3.0x 4.0	Ctr	Ctr	0.52
B	LOCK	5.0x 5.0-1.0-0.3			0.91
H	LOCK	3.0x 4.0	Ctr	Ctr	0.62
C	LOCK	4.0x 8.0-2.0-0.1			0.99
F	LOCK	2.0x 4.0	Ctr	Ctr	0.38
I	LOCK	4.0x 6.0	Ctr-1.3		0.70
E	LOCK	5.0x 5.0	Ctr-1.1		0.82
D	LOCK	2.0x 4.0	Ctr	Ctr	0.85

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
2 COMPLETE TRUSSES REQUIRED.

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

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

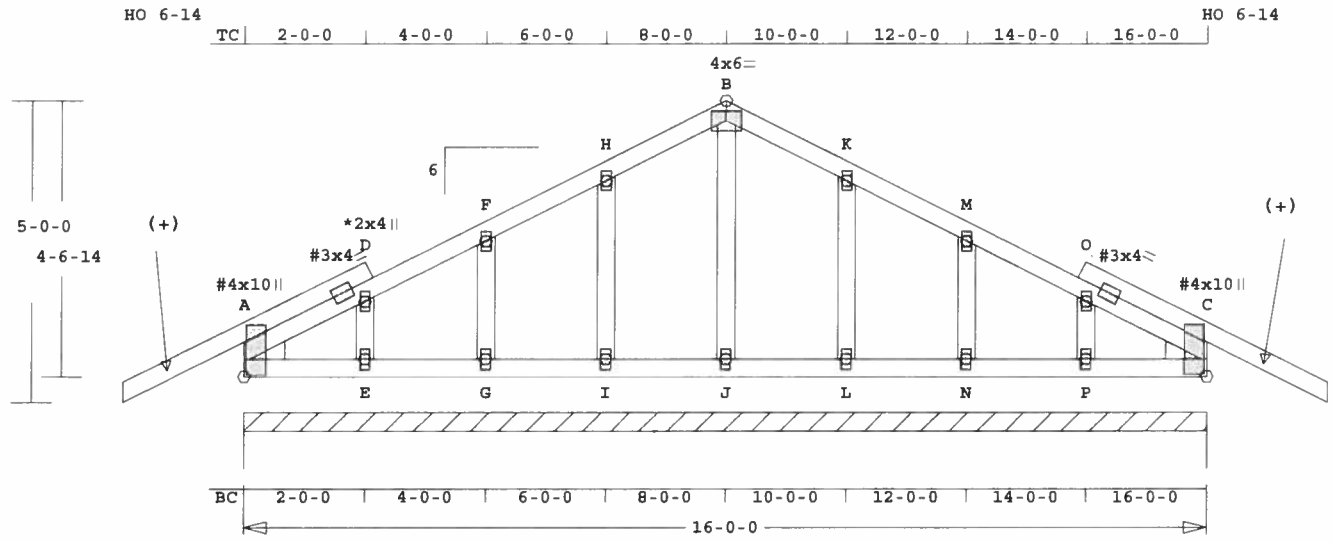
Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure 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 6878 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	D3	1	TR	160000	6	0	0	T06070087

KH-EMERALD COVE LOT 89



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

(+) 2x4 SP-#2

Scale: 0.328" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 114.6 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.03	2x 4	SP-#2
BC	0.02	2x 4	SP-#2
GW	0.01	2x 4	SP-#2
PB	---	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	16- 0- 0
BC	Cont.	0- 0- 0	16- 0- 0

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

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

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 16- 0- 0		
	1280	171	Hz =	69

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -D	0.03	44 C	0.00	0.03
D -F	0.03	40 C	0.00	0.03
F -H	0.03	40 C	0.00	0.03
H -B	0.03	73 T	0.00	0.03
B -K	0.03	73 T	0.00	0.03
K -M	0.03	40 C	0.00	0.03
M -O	0.03	40 C	0.00	0.03
O -C	0.03	44 C	0.00	0.03
--------Bottom Chords---------				
A -E	0.02	0 T	0.00	0.02
E -G	0.02	0 T	0.00	0.02
G -I	0.02	0 T	0.00	0.02
I -J	0.02	0 T	0.00	0.02
J -L	0.02	0 T	0.00	0.02
L -N	0.02	0 T	0.00	0.02
N -P	0.02	0 T	0.00	0.02
P -C	0.02	0 T	0.00	0.02
----------Gable Webs----------				
E -D	0.01	123 C		
G -F	0.01	119 C		
I -H	0.01	124 C		
J -B	0.01	76 C		
L -K	0.01	124 C		
N -M	0.01	119 C		
P -O	0.01	123 C		

TL Defl 0.00" in A -E L/999
LL Defl 0.00" in A -E L/999
Shear // Grain in A -D 0.07

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	4.0x10.0	2.3	1.8	0.49
D	LOCK	2.0x 4.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.00
H	LOCK	2.0x 4.0	Ctr	Ctr	0.00
B	LOCK	4.0x 6.0	Ctr	Ctr	0.50
K	LOCK	2.0x 4.0	Ctr	Ctr	0.00
M	LOCK	2.0x 4.0	Ctr	Ctr	0.00
O	LOCK	2.0x 4.0	Ctr	Ctr	0.00
C#	LOCK	4.0x10.0	-2.4	1.9	0.51
E	LOCK	2.0x 4.0	Ctr	Ctr	0.00
G	LOCK	2.0x 4.0	Ctr	Ctr	0.00
I	LOCK	2.0x 4.0	Ctr	Ctr	0.00
J	LOCK	2.0x 4.0	Ctr	Ctr	0.00
L	LOCK	2.0x 4.0	Ctr	Ctr	0.00
N	LOCK	2.0x 4.0	Ctr	Ctr	0.00
P	LOCK	2.0x 4.0	Ctr	Ctr	0.00

= 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.

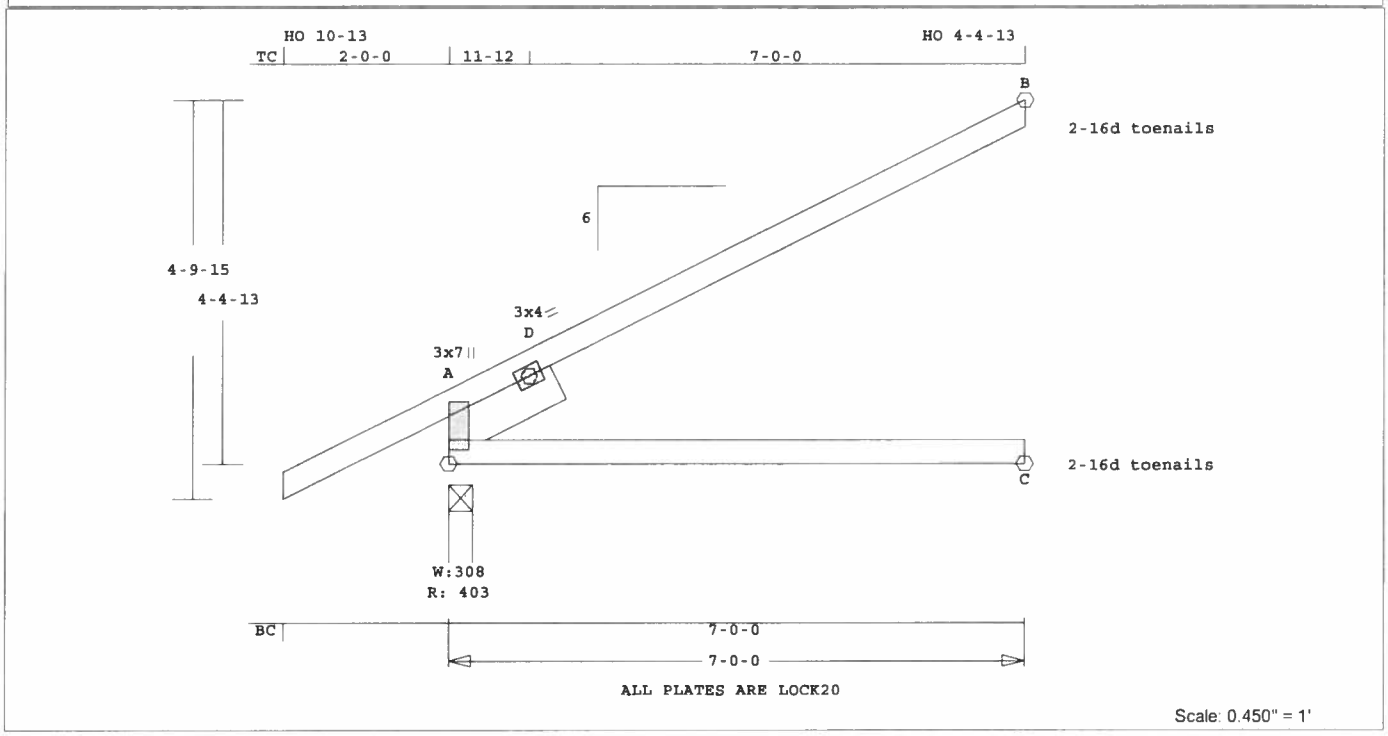
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as 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 124 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	J1	22	JCA2	70000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 36.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.47	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
SL	0.01	2x 6	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	In-Sx
A	404	0	3- 8	1- 8
			Hz =	107
C	131	0	3- 8	1- 8
			Hz =	73
B	195	89	3- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.14	181 C	0.00 0.14
D -B	0.47	53 C	0.00 0.47
--------Bottom Chords---------			
A -C	0.35	73 T	0.00 0.35
----------Sliders------------			
A -D	0.01	198 C	

TL Defl -0.18" in A -C L/431
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	3.0x 7.0	1.5	0.4	0.85
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

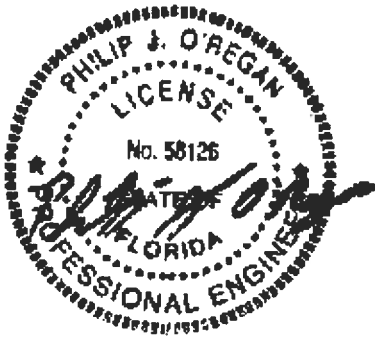
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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 198 Lbs
Quality Control Factor 1.25

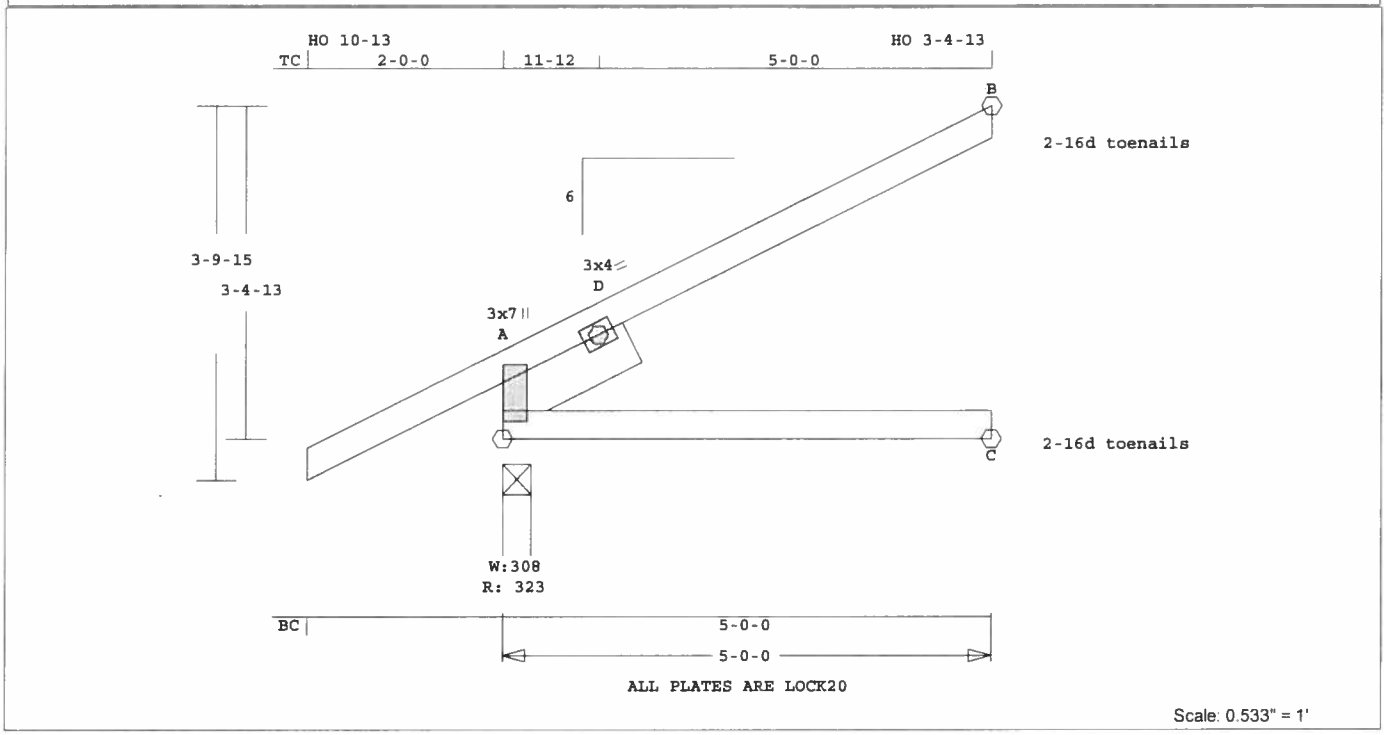
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	J2	2	JCA2	50000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 28.8 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.22	2x 4	SP-#2
BC	0.17	2x 4	SP-#2
SL	0.00	2x 6	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	324	0	3- 8	1- 8
			Hz =	77
C	93	0	3- 8	1- 8
			Hz =	52
B	141	66	3- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.08	87 C	0.00 0.08
D -B	0.22	39 C	0.00 0.22
--------Bottom Chords---------			
A -C	0.17	52 T	0.00 0.17
----------Sliders------------			
A -D	0.00	84 C	

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	3.0x 7.0	1.5	0.4	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.

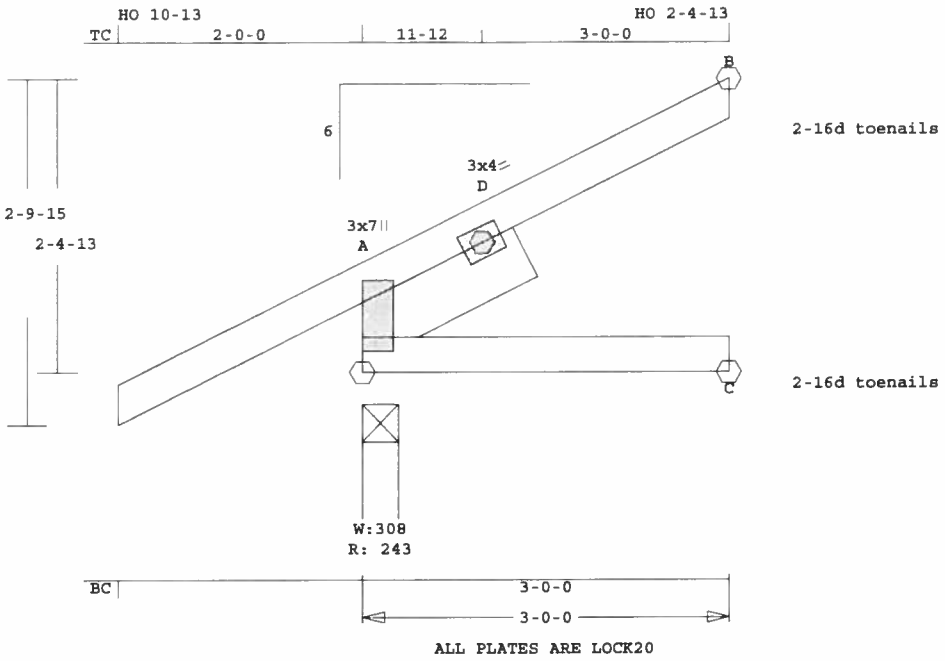
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 87 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	J3	2	JCA2	30000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



ALL PLATES ARE LOCK20

Scale: 0.666" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 20.7 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.07	2x 4	SP-#2
BC	0.05	2x 4	SP-#2
SL	0.00	2x 6	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	In-Sx
A	243	0	3- 8	1- 8
			Hz =	46
C	55	0	3- 8	1- 8
			Hz =	31
B	88	44	3- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -D	0.05	32 C	0.00 0.05
D -B	0.07	24 C	0.00 0.07
--------Bottom Chords---------			
A -C	0.05	31 T	0.00 0.05
-----------Sliders------------			
A -D	0.00	34 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	3.0x 7.0	1.5	0.4	0.80
D	LOCK	3.0x 4.0	Ctr	Ctr	0.50

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

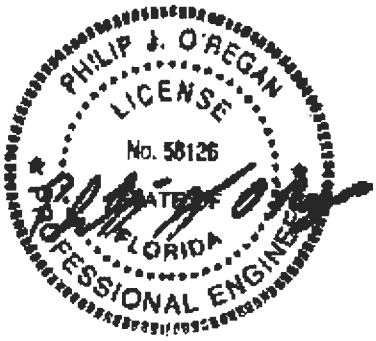
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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
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 32 Lbs
Quality Control Factor 1.25

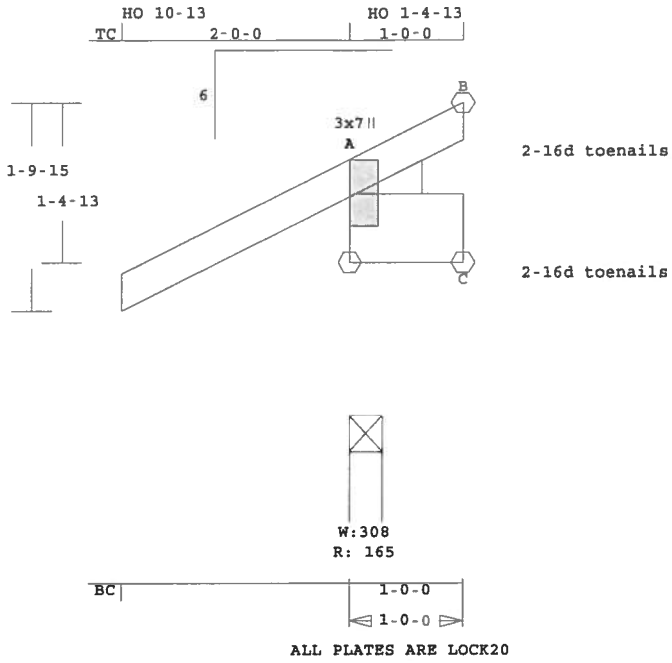
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	J4	6	JCA2	10000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



Scale: 0.619" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 11.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.00	2x 4	SP-#2
BC	0.00	2x 8	SP-#2
PB	---	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	In-Sx
A	165	0	3- 8	1- 8
			Hz =	15
B	30	16	1- 8	1- 8
C	19	3	1- 8	1- 8
			Hz =	10

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.00	9	C

--------Bottom Chords---------
A -C 0.00 10 T

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.02

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 7.0	1.5	0.4	0.70

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

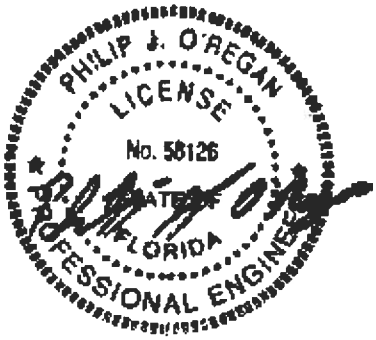
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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 9 Lbs
Quality Control Factor 1.25

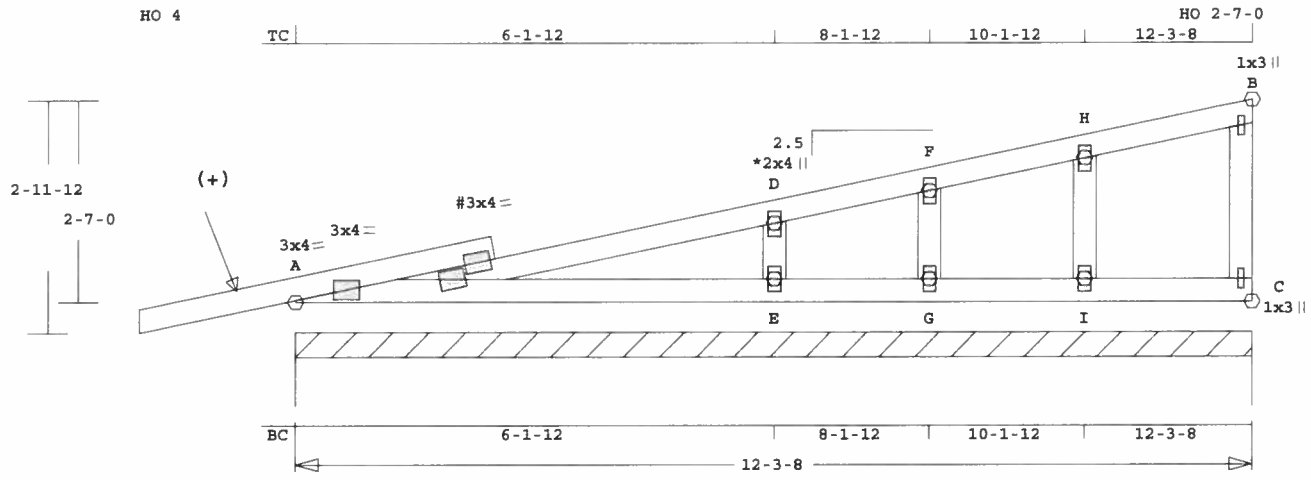
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055. Tampa. FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	M1	1	MONO	120308	2.5	0	0	T06070087

KH-EMERALD COVE LOT 89



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

See Joint D For Typical Gable Plate Size and Placement

(+) 2x4 SP-#2

Scale: 0.425" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 63.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.20	2x 4	SP-#2
BC	0.14	2x 4	SP-#2
WB	0.03	2x 4	SP-#2
GW	0.15	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	12- 3- 8
BC	Cont.	0- 0- 0	12- 3- 8

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25

TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
Cont. Brg	0- 0- 0 to 12- 3- 8			
	983	199 Hz =	82	

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -D	0.20	174 C	0.00	0.20
D -F	0.07	49 C	0.00	0.07
F -H	0.05	25 C	0.00	0.05
H -B	0.03	18 C	0.00	0.03
Bottom Chords				
A -E	0.14	6 T	0.00	0.14
E -G	0.04	0 T	0.00	0.04
G -I	0.03	0 T	0.00	0.03
I -C	0.02	0 T	0.00	0.02
Webs				
C -B	0.03	67 C	0.00	0.03
Gable Webs				
E -D	0.15	200 C	0.00	0.15
G -F	0.02	97 C	0.00	0.02
I -H	0.02	125 C	0.00	0.02

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

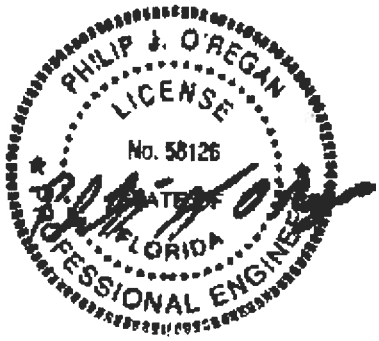
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.76
D	LOCK	2.0x 4.0	Ctr	Ctr	0.00
F	LOCK	2.0x 4.0	Ctr	Ctr	0.00
H	LOCK	2.0x 4.0	Ctr	Ctr	0.00
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
E	LOCK	2.0x 4.0	Ctr	Ctr	0.00
G	LOCK	2.0x 4.0	Ctr	Ctr	0.00
I	LOCK	2.0x 4.0	Ctr	Ctr	0.00
C	LOCK	1.0x 3.0	Ctr	Ctr	0.75

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
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
Design checked for 10 psf non-concurrent LL on BC.
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 200 Lbs
Quality Control Factor 1.25

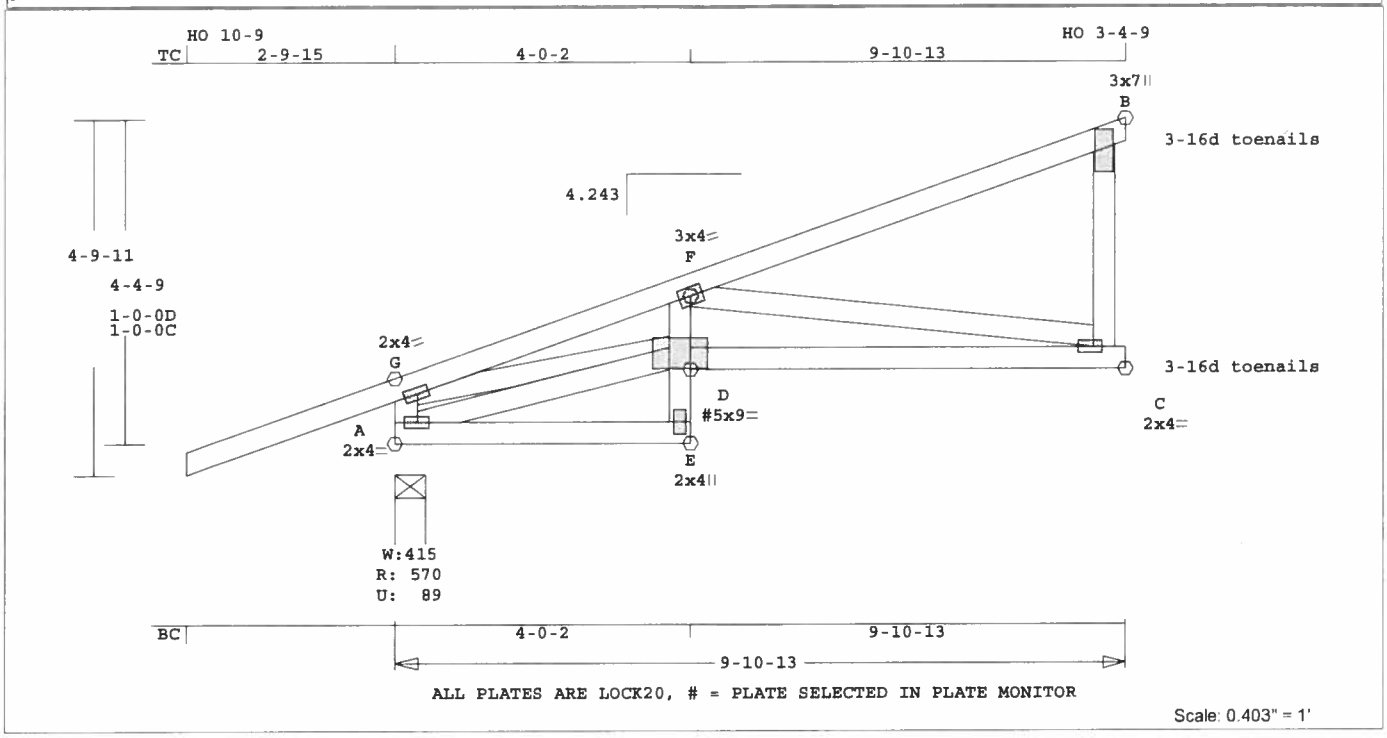
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Scaled: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	VCJ1	2	SP	91013	4.243	2- 9-15	0	T06070087

KH-EMERALD COVE LOT 89



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

Scale: 0.403" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 77.3 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.58	2x 4	SP-#2
BC	0.43	2x 4	SP-#2
CW	0.25	2x 4	SP-#2
WB	0.55	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=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

Load Case # 2 NonStandard Load
Lumber Duration Factor 1.25
Plate Duration Factor 1.25

plf -	Live	Dead	From	To
TC V	0	0	0.0'	9.9'
BC V	0	0	0.0'	9.9'
TC V	0	0	0.0'	
	99	50		9.9'
BC V	0	0	0.0'	
	0	50		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	Req'd In-Sx
A	571	90	4-15	1- 8
			Hz =	53
C	330	9	1- 8	1- 8
B	339	55	1- 8	1- 8
			Hz =	125

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
G -F	0.38	1235 C	0.01 0.37
F -B	0.58	88 T	0.00 0.58
--------Bottom Chords---------			
A -E	0.10	55 T	0.00 0.10
D -C	0.43	1294 T	0.21 0.22
----------Chord-Webs----------			
E -D	0.11	74 T	0.00 0.11
D -F	0.25	277 T	0.04 0.21
-------------Webs-------------			
A -G	0.03	334 C	WindLd
A -D	0.01	57 C	
G -D	0.22	1193 T	
F -C	0.55	1311 C	
C -B	0.01	0 T	WindLd

TL Defl -0.12" in D -C L/955
LL Defl -0.04" in E -D L/999
Shear // Grain in F -B 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
G	LOCK	2.0x 4.0	Ctr	Ctr	0.90
F	LOCK	3.0x 4.0	Ctr	Ctr	0.66
B	LOCK	3.0x 7.0	Ctr	-0.3	0.39
A	LOCK	2.0x 4.0	Ctr	Ctr	0.80
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
D#	LOCK	5.0x 9.0	Ctr	0.9	0.60
C	LOCK	2.0x 4.0-0.5	Ctr		0.97

= Plate Monitor used

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

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

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

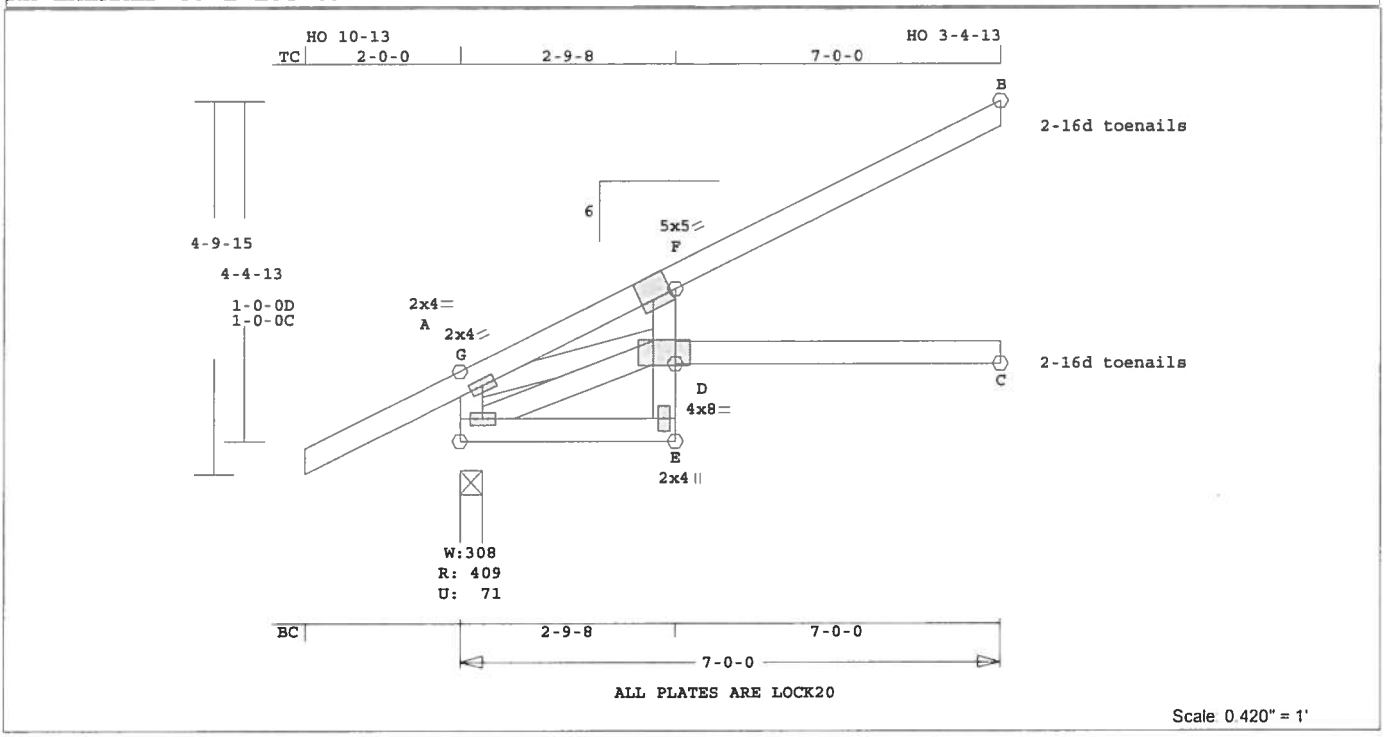
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Max gap between edge of brg and end vertical is 1/2".
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
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 1311 Lbs
Quality Control Factor 1.25

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

Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	VJ1	3	SP	70000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.5 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.39	2x 4	SP-#2
BC	0.52	2x 4	SP-#2
CW	0.26	2x 4	SP-#2
WB	0.04	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	In-Sx
A	409	71	3- 8	1- 8
			Hz =	120
C	127	5	1- 8	1- 8
B	168	70	1- 8	1- 8
			Hz =	83

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
G -F	0.10	281 C	0.00		0.10
F -B	0.39	67 T	0.00		0.39
Bottom Chords					
A -E	0.05	183 T	0.03		0.02
E -D	0.16	28 T	0.00		0.16
D -C	0.52	0 T	0.00		0.52
Chord-Webs					
E -D	0.18	28 T	0.00		0.18
D -F	0.26	81 T	0.00		0.26
Webs					
A -G	0.01	182 C	WindLd		
A -D	0.02	197 C			
G -D	0.04	251 T			

TL Defl -0.16" in E -D L/492
LL Defl -0.08" in E -D L/991

Hz Disp	LL	DL	TL
Jt C	0.03"	0.03"	0.06"

Shear // Grain in F -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
G	LOCK	2.0x 4.0	Ctr	Ctr	0.75
F	LOCK	5.0x 5.0-1.6	0.3		0.27
A	LOCK	2.0x 4.0	Ctr	Ctr	0.75
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
D	LOCK	4.0x 8.0	Ctr	Ctr	0.78

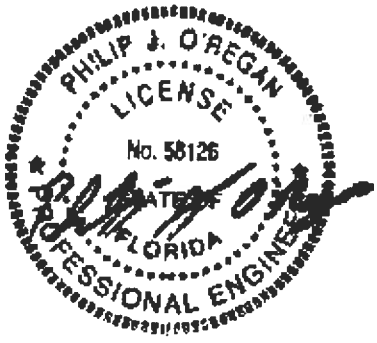
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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 281 Lbs
Quality Control Factor 1.25

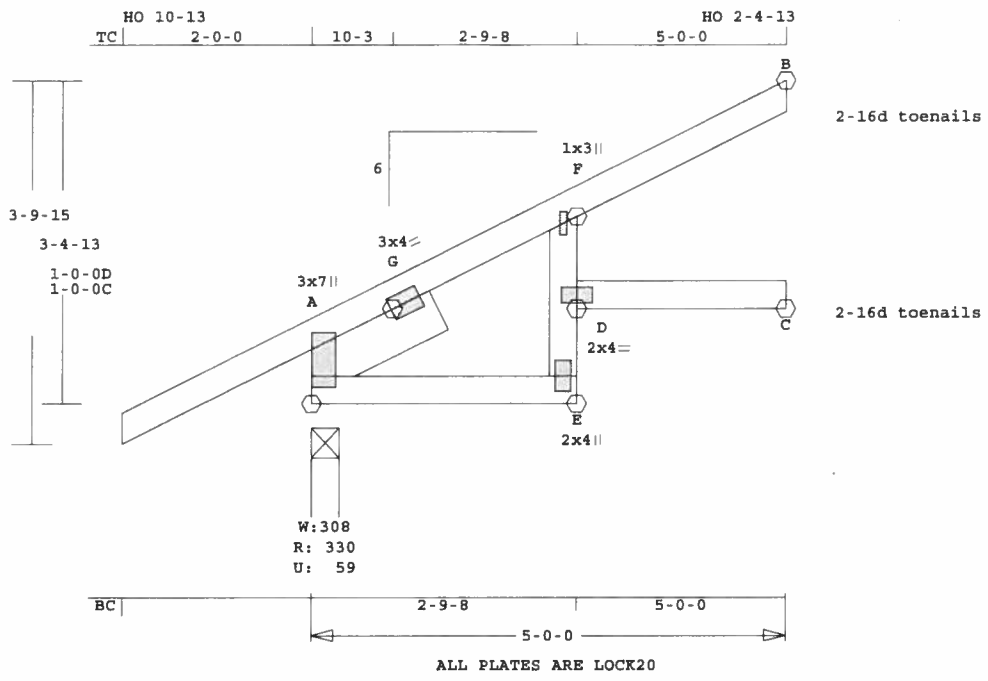
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	VJ2	4	SP	50000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.9 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.13	2x 4	SP-#2
BC	0.30	2x 4	SP-#2
CW	0.17	2x 4	SP-#2
SL	0.00	2x 6	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	Size Req'd In-Sx
A	330	59	3- 8	1- 8
		Hz =	77	
C	93	17	1- 8	1- 8
B	103	40	1- 8	1- 8
		Hz =	52	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -G	0.02	46	C	0.00	0.02
G -F	0.12	114	C	0.00	0.12
F -B	0.13	44	T	0.00	0.13
Bottom Chords					
A -E	0.05	89	T	0.01	0.04
E -D	0.03	30	T	0.00	0.03
D -C	0.30	0	T	0.00	0.30
Chord-Webs					
E -D	0.00	122	C		
D -F	0.17	53	T	0.00	0.17
Sliders					
A -G	0.00	122	C		

TL Defl -0.04" in E -D L/999
LL Defl -0.02" in E -D L/999
Shear // Grain in D -C 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	1.5	0.4	0.80
G	LOCK	3.0x 4.0	Ctr	Ctr	0.50
F	LOCK	1.0x 3.0	Ctr	Ctr	0.33
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
D	LOCK	2.0x 4.0	Ctr	Ctr	0.58

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 122 Lbs
Quality Control Factor 1.25

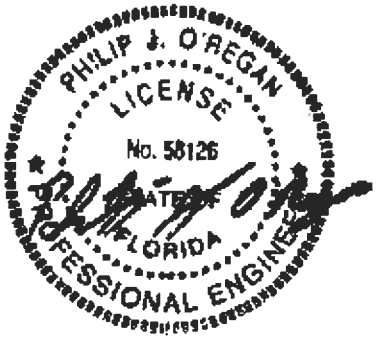
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

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

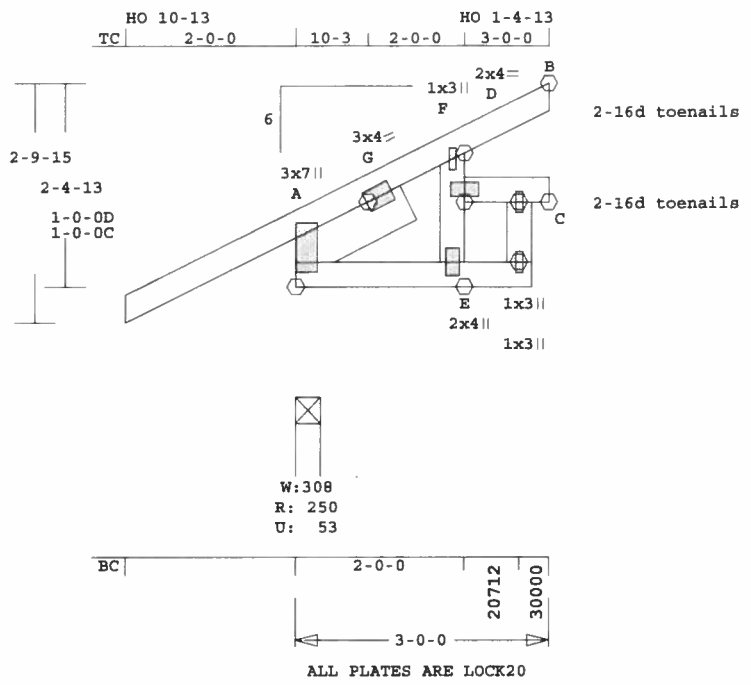
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
KH-EMERALD	VJ3	4	SP	30000	6	2- 0- 0	0	T06070087

KH-EMERALD COVE LOT 89



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 26.0 LBS

Online Plus -- Version 19.0.032
RUN DATE: 03-JUL-06

	CSI	-Size-	----Lumber----
TC	0.04	2x 4	SP-#2
BC	0.09	2x 4	SP-#2
CW	0.04	2x 4	SP-#2
SL	0.00	2x 6	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	In-Sx
A	250	53	3- 8	1- 8
			Hz =	46
C	59	17	1- 8	1- 8
B	57	22	1- 8	1- 8
			Hz =	31

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -G	0.02	29	C	0.00	0.02
G -F	0.04	46	C	0.00	0.04
F -B	0.03	27	T	0.00	0.03
--------Bottom Chords---------					
A -E	0.01	38	T	0.00	0.01
E -D	0.01	19	T	0.00	0.01
D -C	0.09	0	T	0.00	0.09
----------Chord-Webs----------					
E -D	0.00	44	C		
D -F	0.04	23	T	0.00	0.04
----------Sliders------------					
A -G	0.00	44	C		

TL Defl 0.00" in E -D L/999
LL Defl 0.00" in E -D L/999
Shear // Grain in D -C 0.07

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	1.5	0.4	0.80
G	LOCK	3.0x 4.0	Ctr	Ctr	0.50
F	LOCK	1.0x 3.0	Ctr	Ctr	0.33
E	LOCK	2.0x 4.0	Ctr	Ctr	0.58
D	LOCK	2.0x 4.0	Ctr	Ctr	0.58

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 46 Lbs
Quality Control Factor 1.25

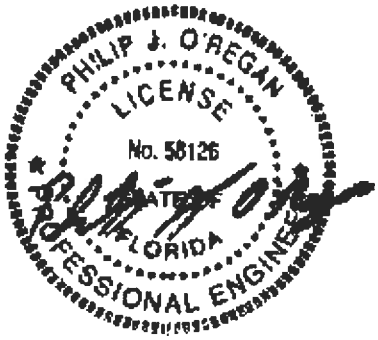
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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

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

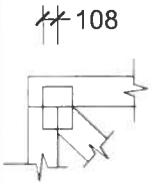
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 7/3/2006

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)

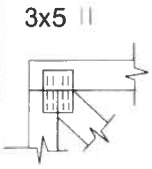
FLOOR TRUSS SPLICE (3X2, 4X2, 6X2)

(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.

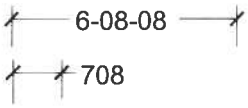
PLATE SIZE AND ORIENTATION

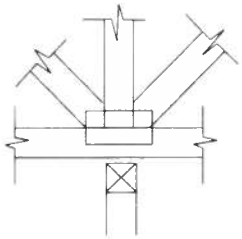


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

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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