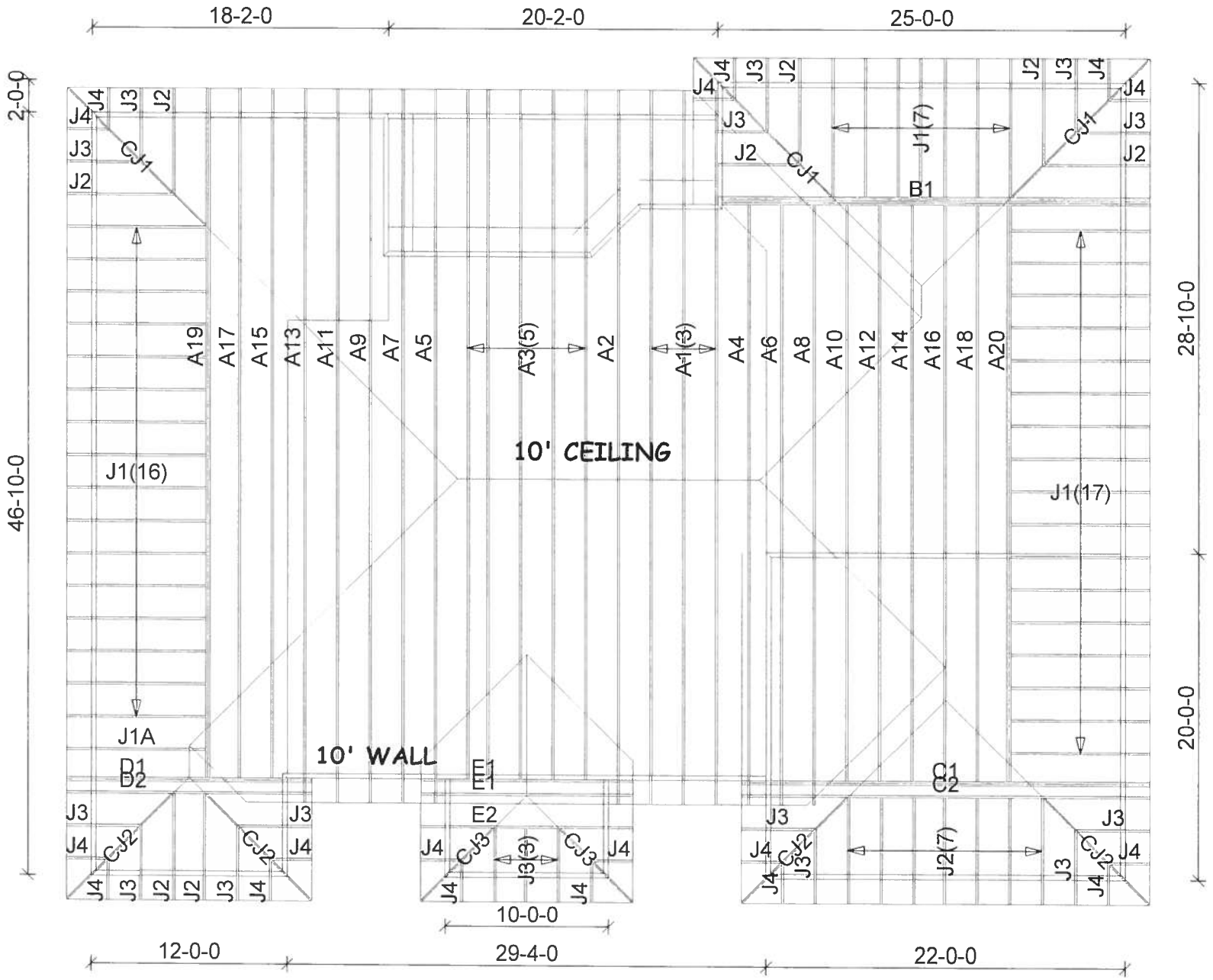


Mayo Truss Co. Inc.

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

~~EAGLE~~ HITSON PROPERTIES

EMERALD COVE LOT 18

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: HITSON-LOT18
Designer: M.MURRAY
Checker: M.MURRAY
Date: 04-21-06

Permit Number:_____ Lot Number:_____

Miscellaneous:_____ Address:_____

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

Truss Fabricator:Mayo Truss Company, Inc

Job Reference:HITSON-LOT18 - EMERALD COVE - LOT18

Standard Loading:

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

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

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

Engineering Index Sheet

Index Page 1 of 1

Job Number	Date		Specification Quantity
T06042081	04/20/2006	FBC - 2004 Chapter 16 and 23	35

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

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

	Date	Mark		Date	Mark		Date	Mark		Date	Mark
1	04/20/06	A1	2	04/20/06	A2	3	04/20/06	A3	4	04/20/06	A4
5	04/20/06	A5	6	04/20/06	A6	7	04/20/06	A7	8	04/20/06	A8
9	04/20/06	A9	10	04/20/06	A10	11	04/20/06	A11	12	04/20/06	A12
13	04/20/06	A13	14	04/20/06	A14	15	04/20/06	A15	16	04/20/06	A16
17	04/20/06	A17	18	04/20/06	A18	19	04/20/06	A19	20	04/20/06	A20
21	04/20/06	B1	22	04/20/06	C1	23	04/20/06	C2	24	04/20/06	CJ1
25	04/20/06	CJ2	26	04/20/06	CJ3	27	04/20/06	D1	28	04/20/06	D2
29	04/20/06	E1	30	04/20/06	E2	31	04/20/06	J1	32	04/20/06	J1A
33	04/20/06	J2	34	04/20/06	J3	35	04/20/06	J4			

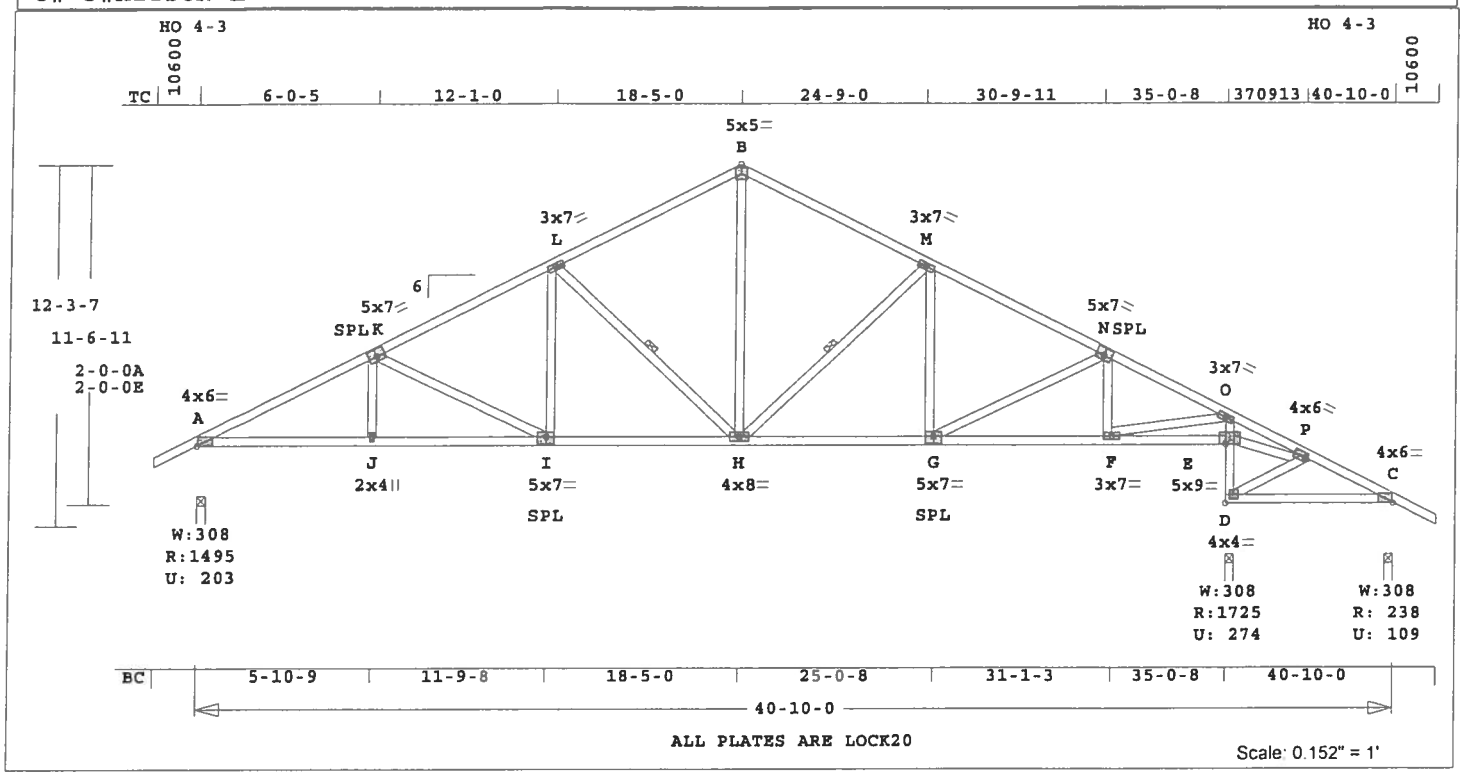
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

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

Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A1	3	SP	401000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 297.9 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.50	2x 4	SP-#2
CW	0.15	2x 4	SP-#2
WB	0.37	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40-10- 0
BC Cont.	0- 0- 0	40-10- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
A	1495	204	3- 8	1-12
		Hz =	-220	
D	1725	275	3- 8	1-13
C	238	109	3- 8	1- 8
		Hz =	224	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -K	0.28	2551	C	0.04	0.24
K -L	0.40	2055	C	0.02	0.38
L -B	0.39	1483	C	0.01	0.38
B -M	0.40	1483	C	0.01	0.39
M -N	0.41	1876	C	0.02	0.39
N -O	0.22	1842	C	0.01	0.21
O -P	0.24	436	T	0.07	0.17
P -C	0.11	171	T	0.00	0.11
Bottom Chords					
A -J	0.45	2282	T	0.38	0.07
J -I	0.50	2282	T	0.38	0.12
I -H	0.43	1843	T	0.30	0.13
H -G	0.41	1684	T	0.28	0.13
G -F	0.39	1649	T	0.27	0.12
F -E	0.17	353	C	0.00	0.17
D -C	0.15	71	T	0.00	0.15
Chord-Webs					
D -E	0.15	1642	C	0.15	0.00
E -O	0.15	1649	C	0.15	0.00
Webs					
J -K	0.03	221	T		
K -I	0.27	489	C		
I -L	0.06	419	T		
L -H	0.18	710	C		1 Br
H -B	0.17	950	T		
H -M	0.12	494	C		1 Br
G -M	0.03	249	T		
G -N	0.02	78	T		
F -N	0.04	331	C		
F -O	0.37	2043	T		
E -P	0.04	357	C		
D -P	0.01	92	C		

TL Defl -0.23" in I -H L/999
LL Defl -0.10" in I -H L/999
Shear // Grain in L -B 0.23

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.74
K	LOCK	5.0x 7.0	-0.2	0.5	0.79
L	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 5.0	Ctr	Ctr	0.72
M	LOCK	3.0x 7.0	Ctr	Ctr	0.44
N	LOCK	5.0x 7.0	0.2	0.5	0.79
O	LOCK	3.0x 7.0	Ctr	Ctr	0.72
P	LOCK	4.0x 6.0	Ctr	Ctr	0.77
C	LOCK	4.0x 6.0	Ctr	0.1	0.74
J	LOCK	2.0x 4.0	Ctr	Ctr	0.48
I	LOCK	5.0x 7.0	Ctr	-0.5	0.80
H	LOCK	4.0x 8.0	Ctr	Ctr	0.44
G	LOCK	5.0x 7.0	Ctr	-0.5	0.80
F	LOCK	3.0x 7.0	Ctr	Ctr	0.89
E	LOCK	5.0x 9.0	Ctr	0.8	0.69
D	LOCK	4.0x 4.0	Ctr	Ctr	0.96

REVIEWED BY:
Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

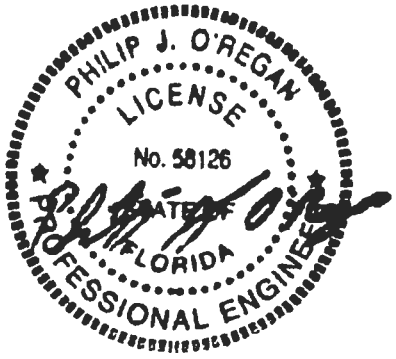
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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---
35- 0- 8	40-10- 0

Max comp. force 2551 Lbs
Quality Control Factor 1.25

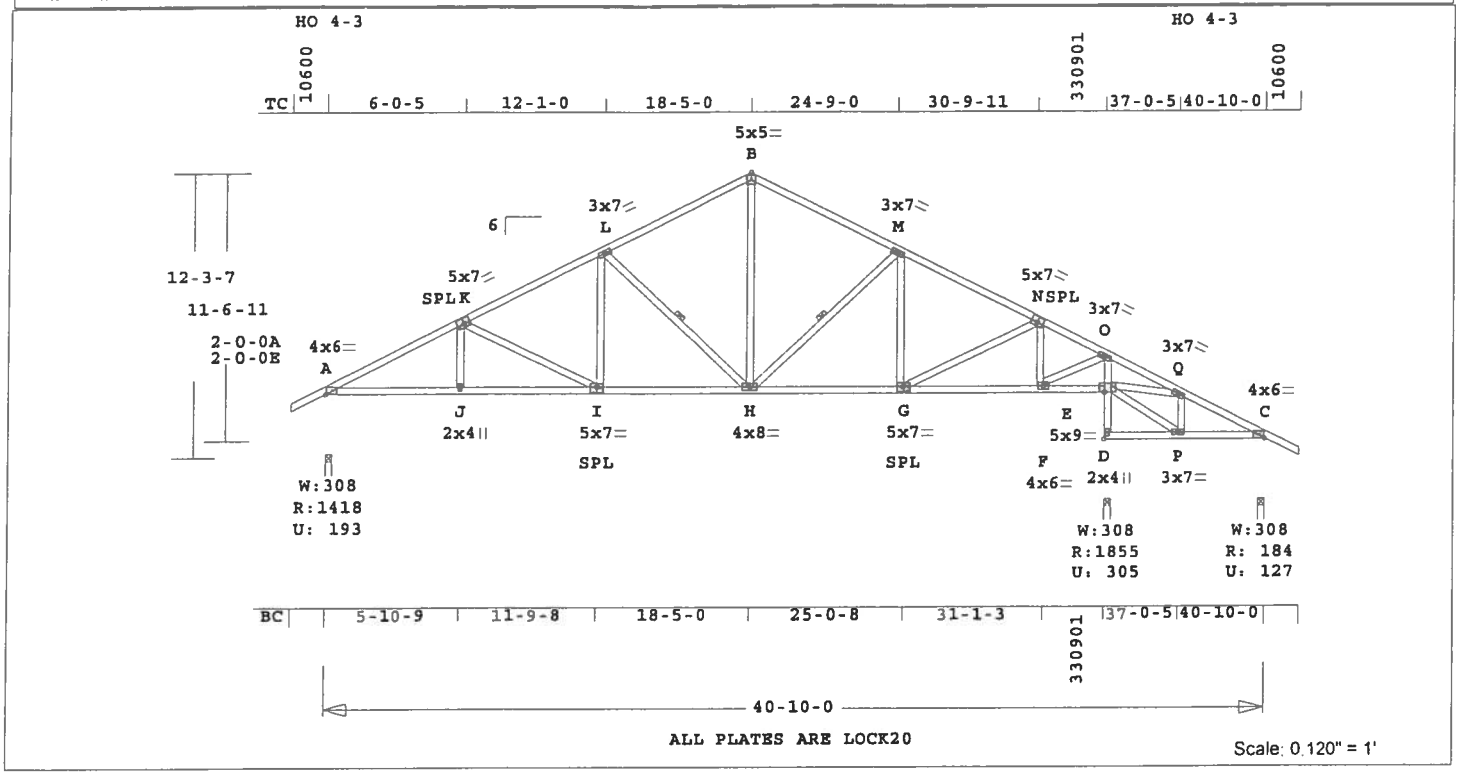
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A2	1	SP	401000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 302.8 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.40	2x 4	SP-#2
BC	0.47	2x 4	SP-#2
CW	0.17	2x 4	SP-#2
WB	0.34	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40-10- 0
BC Cont.	0- 0- 0	40-10- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
A	1419	194	3- 8	1-11
			Hz = -220	
D	1856	306	3- 8	2- 0
C	184	128	3- 8	1- 8
			Hz = 224	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -K	0.28	2388	C	0.03	0.25
K -L	0.40	1887	C	0.02	0.38
L -B	0.39	1314	C	0.01	0.38
B -M	0.40	1314	C	0.01	0.39
M -N	0.40	1523	C	0.01	0.39
N -O	0.20	954	C	0.00	0.20
O -Q	0.26	898	T	0.14	0.12
Q -C	0.14	163	T	0.02	0.12
Bottom Chords					
A -J	0.42	2136	T	0.35	0.07
J -I	0.47	2136	T	0.35	0.12
I -H	0.41	1692	T	0.28	0.13
H -G	0.36	1368	T	0.14	0.22
G -F	0.29	860	T	0.08	0.21
F -E	0.12	802	C	0.00	0.12
D -P	0.07	25	C	0.00	0.07
P -C	0.07	135	C	0.00	0.07
Chord-Webs					
D -E	0.16	1832	C	0.16	0.00
E -O	0.17	1849	C	0.17	0.00
Webs					
J -K	0.03	223	T		
K -I	0.27	495	C		
I -L	0.06	420	T		
L -H	0.18	712	C		1 Br
H -B	0.14	800	T		
H -M	0.07	270	C		1 Br
G -M	0.05	119	C		
G -N	0.10	565	T		
F -N	0.10	774	C		
F -O	0.34	1868	T		
E -Q	0.11	736	C		
E -P	0.02	150	C		
P -Q	0.02	187	T		

TL Defl -0.20" in J -I L/999
LL Defl -0.09" in J -I L/999
Shear // Grain in L -B 0.23

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.74
K	LOCK	5.0x 7.0	-0.2	0.5	0.79
L	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 5.0	Ctr	Ctr	0.72
M	LOCK	3.0x 7.0	Ctr	Ctr	0.44
N	LOCK	5.0x 7.0	0.2	0.5	0.79
O	LOCK	3.0x 7.0	Ctr	Ctr	0.81
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.47
C	LOCK	4.0x 6.0	Ctr	0.1	0.74
J	LOCK	2.0x 4.0	Ctr	Ctr	0.48
I	LOCK	5.0x 7.0	Ctr	-0.5	0.80
H	LOCK	4.0x 8.0	Ctr	Ctr	0.44
G	LOCK	5.0x 7.0	Ctr	-0.5	0.80
F	LOCK	4.0x 6.0	Ctr	Ctr	0.78
E	LOCK	5.0x 9.0	Ctr	0.8	0.69
D	LOCK	2.0x 4.0	Ctr	Ctr	0.72
P	LOCK	3.0x 7.0	Ctr	Ctr	0.44

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

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

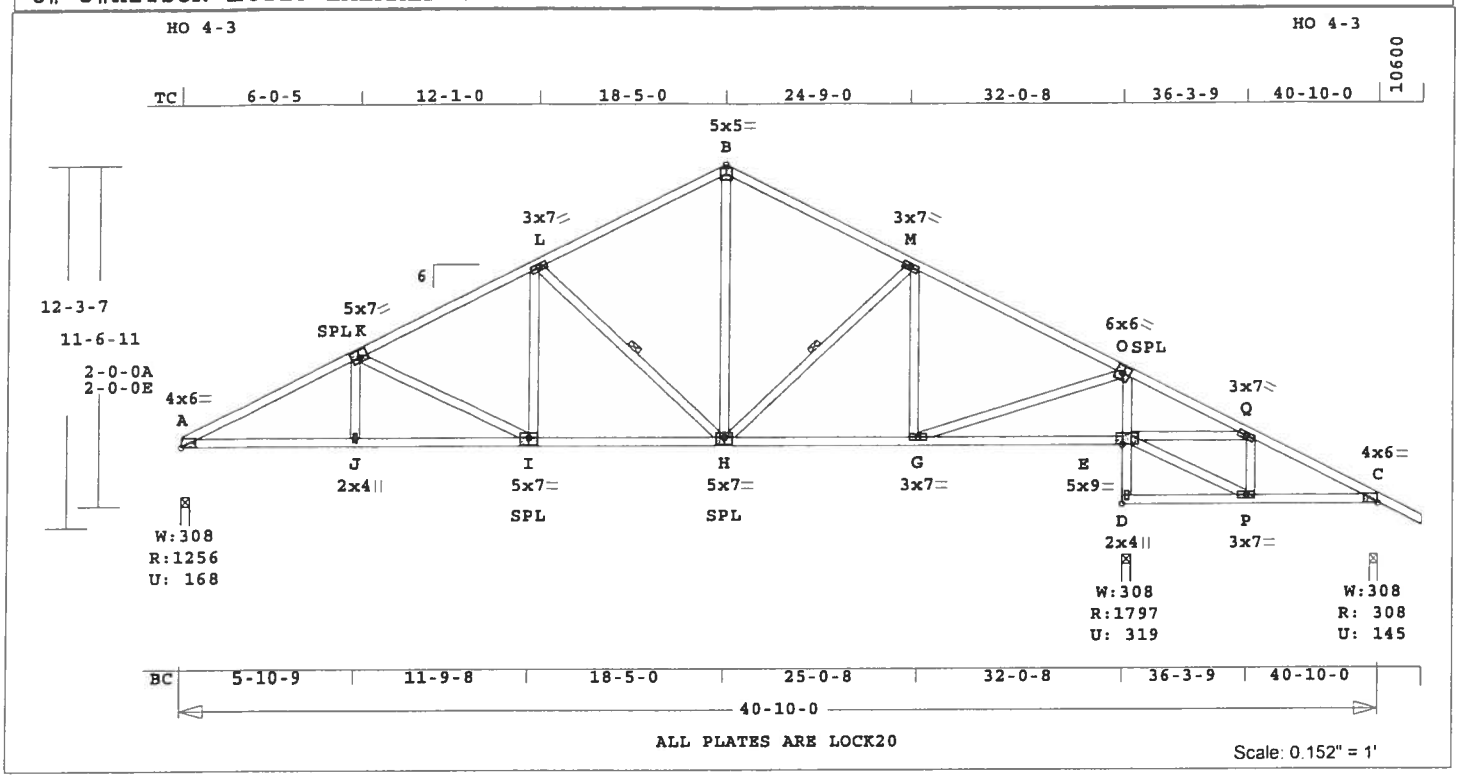
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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---
33- 9- 1 40-10- 0
Max comp. force 2388 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A3	5	SP	401000	6	0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 296.3 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.47	2x 4	SP-#2
BC	0.45	2x 4	SP-#2
CW	0.17	2x 4	SP-#2
WB	0.28	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40-10- 0
BC Cont.	0- 0- 0	40-10- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1256	168	3- 8	1- 8
			Hz =	-220
D	1798	319	3- 8	1-15
C	309	145	3- 8	1- 8
			Hz =	224

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -K	0.28	2247	C	0.03	0.25
K -L	0.39	1742	C	0.01	0.38
L -B	0.39	1167	C	0.01	0.38
B -M	0.47	1170	C	0.01	0.46
M -O	0.46	1231	C	0.00	0.46
O -Q	0.47	439	T	0.08	0.39
Q -C	0.13	152	T	0.00	0.13
Bottom Chords					
A -J	0.40	2011	T	0.33	0.07
J -I	0.45	2011	T	0.33	0.12
I -H	0.39	1563	T	0.26	0.13
H -G	0.35	1103	T	0.11	0.24
G -E	0.28	362	C	0.00	0.28
D -P	0.12	51	C	0.00	0.12
P -C	0.13	148	T	0.01	0.12
Chord-Webs					
D -E	0.17	1766	C	0.00	0.17
E -O	0.15	1593	C	0.01	0.14
Webs					
J -K	0.03	225	T		
K -I	0.27	499	C		
I -L	0.06	423	T		
L -H	0.18	715	C		1 Br
H -B	0.12	677	T		
H -M	0.02	117	C		1 Br
G -M	0.15	342	C		
G -O	0.28	1540	T		
E -Q	0.11	490	C		
E -P	0.03	178	T		
P -Q	0.02	145	T		

TL Defl -0.18" in J -I L/999
LL Defl -0.08" in J -I L/999
Shear // Grain in M -O 0.26

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.74
K	LOCK	5.0x 7.0	-0.2	0.5	0.79
L	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 5.0	Ctr	Ctr	0.72
M	LOCK	3.0x 7.0	Ctr	Ctr	0.44
O	LOCK	6.0x 6.0	Ctr	Ctr	0.89
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.42
C	LOCK	4.0x 6.0	Ctr	0.1	0.74
J	LOCK	2.0x 4.0	Ctr	Ctr	0.48
I	LOCK	5.0x 7.0	Ctr	-0.5	0.80
H	LOCK	5.0x 7.0	Ctr	-0.5	0.80
G	LOCK	3.0x 7.0	Ctr	Ctr	0.54
E	LOCK	5.0x 9.0	Ctr	0.8	0.69
D	LOCK	2.0x 4.0	Ctr	Ctr	0.70
P	LOCK	3.0x 7.0	Ctr	Ctr	0.46

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

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

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

--From--	---To---
32- 0- 8	40-10- 0

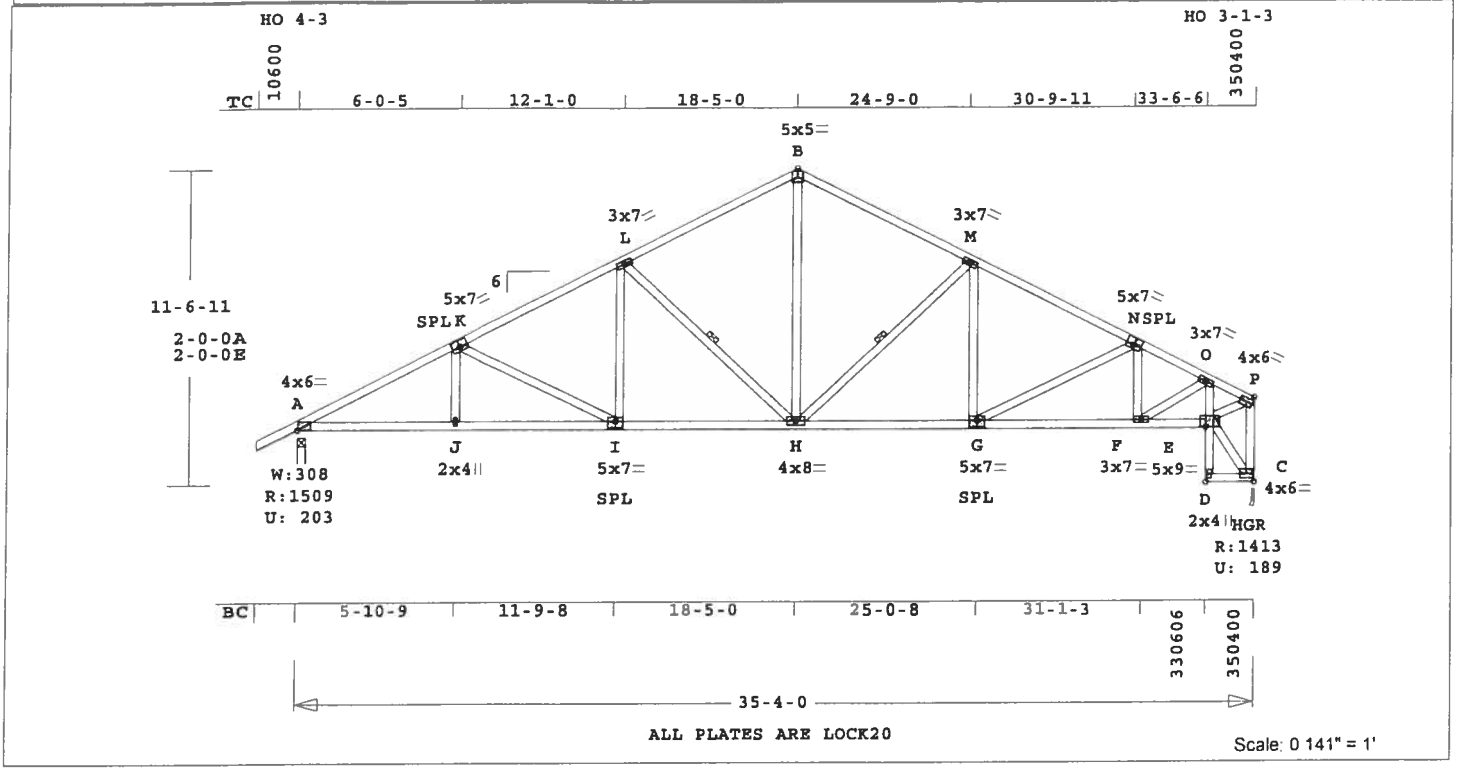
Max comp. force 2247 Lbs
Quality Control Factor 1.25

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

Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A4	1	SP	350400	6	1- 6- 0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 274.0 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.41	2x 4	SP-#2
BC	0.50	2x 4	SP-#2
CW	0.07	2x 4	SP-#2
WB	0.27	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 4- 0
BC Cont.	0- 0- 0	35- 4- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1509	204	3- 8	1-12
			Hz =	-201
C	1413	190	3- 8	1-11
			Hz =	258

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -K	0.28	2581 C	0.04	0.24
K -L	0.40	2085 C	0.02	0.38
L -B	0.39	1514 C	0.01	0.38
B -M	0.40	1514 C	0.01	0.39
M -N	0.41	1940 C	0.02	0.39
N -O	0.23	1992 C	0.02	0.21
O -P	0.05	1371 C	0.01	0.04
--------Bottom Chords---------				
A -J	0.45	2308 T	0.38	0.07
J -I	0.50	2308 T	0.38	0.12
I -H	0.44	1870 T	0.31	0.13
H -G	0.42	1741 T	0.29	0.13
G -F	0.41	1800 T	0.30	0.11
F -E	0.25	1237 T	0.20	0.05
D -C	0.01	17 T	0.00	0.01
----------Chord-Webs----------				
D -E	0.07	29 T	0.00	0.07
E -O	0.06	695 C	0.06	0.00
------------Webs------------				
J -K	0.03	220 T		
K -I	0.27	488 C		
I -L	0.06	419 T		
L -H	0.18	710 C		1 Br
H -B	0.18	978 T		
H -M	0.13	534 C		1 Br
G -M	0.04	281 T		
G -N	0.09	176 C		
F -N	0.03	236 C		
F -O	0.12	655 T		
E -P	0.26	1408 T		
E -C	0.04	344 T		
C -P	0.18	1372 C	WindLd	

TL Defl -0.23" in I -H L/999
LL Defl -0.10" in I -H L/999
Shear // Grain in L -B 0.23

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr 0.1		0.69
K	LOCK	5.0x 7.0	-0.2 0.5		0.73
L	LOCK	3.0x 7.0	Ctr Ctr		0.43
B	LOCK	5.0x 5.0	Ctr Ctr		0.66
M	LOCK	3.0x 7.0	Ctr Ctr		0.43
N	LOCK	5.0x 7.0	0.2 0.5		0.73
O	LOCK	3.0x 7.0	Ctr Ctr		0.40
P	LOCK	4.0x 6.0	-0.1 Ctr		0.74
J	LOCK	2.0x 4.0	Ctr Ctr		0.45
I	LOCK	5.0x 7.0	Ctr-0.5		0.74
H	LOCK	4.0x 8.0	Ctr Ctr		0.42
G	LOCK	5.0x 7.0	Ctr-0.5		0.74
F	LOCK	3.0x 7.0	Ctr Ctr		0.42
E	LOCK	5.0x 9.0	Ctr 0.8		0.92
D	LOCK	2.0x 4.0	Ctr Ctr		0.58
C	LOCK	4.0x 6.0	Ctr Ctr		0.74

REVIEWED BY:

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

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

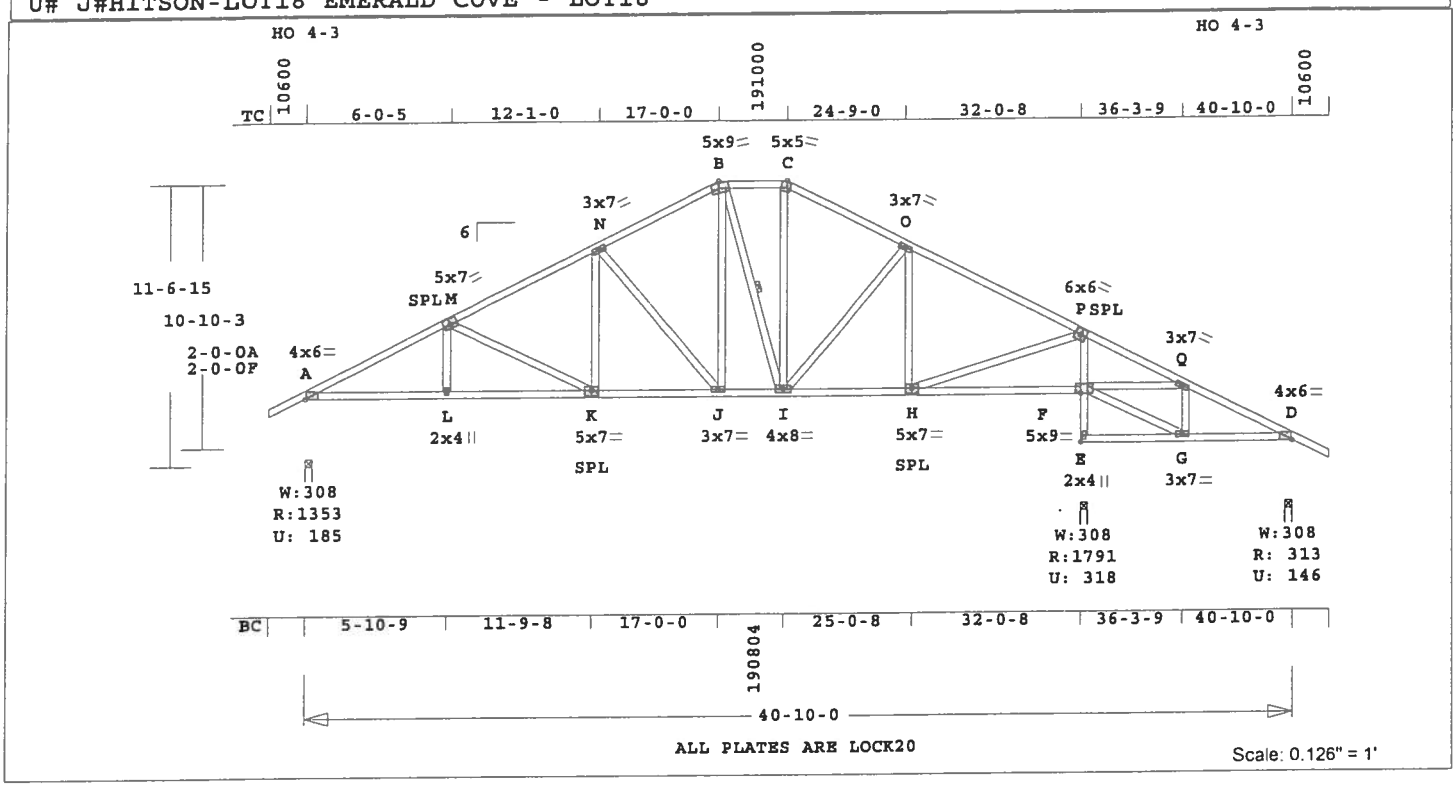
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 2581 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A5	1	SP	401000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 326.0 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	Size	Lumber
TC	0.48	2x 4	SP-#2
BC	0.44	2x 4	SP-#2
CW	0.18	2x 4	SP-#2
WB	0.50	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	40-10- 0
BC	Cont.	0- 0- 0	40-10- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size In-Sx	Req'd In-Sx
A	1354	185	3- 8	1-10
			Hz = -205	
E	1791	318	3- 8	1-15
D	314	146	3- 8	1- 8
			Hz = 209	

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -M	0.30	2253	C	0.03 0.27
M -N	0.30	1739	C	0.01 0.29
N -B	0.30	1274	C	0.01 0.29
B -C	0.06	1067	C	0.00 0.06
C -O	0.41	1208	C	0.01 0.40
O -P	0.42	1232	C	0.01 0.41
P -Q	0.48	415	T	0.07 0.41
Q -D	0.13	153	T	0.00 0.13
Bottom Chords				
A -L	0.40	2018	T	0.33 0.07
L -K	0.44	2018	T	0.33 0.11
K -J	0.37	1556	T	0.26 0.11
J -I	0.23	1126	T	0.18 0.05
I -H	0.33	1101	T	0.11 0.22
H -F	0.28	338	C	0.00 0.28
E -G	0.12	52	C	0.00 0.12
G -D	0.13	145	T	0.01 0.12
Chord-Webs				
E -F	0.18	1760	C	0.00 0.18
F -P	0.15	1582	C	0.01 0.14
Webs				
L -M	0.03	228	T	
M -K	0.28	514	C	
K -N	0.06	412	T	
N -J	0.50	648	C	
J -B	0.10	555	T	
B -I	0.05	208	C	1 Br
I -C	0.05	316	T	
I -O	0.07	95	C	
H -O	0.15	342	C	
H -P	0.27	1514	T	
F -Q	0.11	476	C	
F -G	0.03	175	T	
G -Q	0.02	141	T	

TL Defl -0.18" in L -K L/999
LL Defl -0.08" in L -K 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	4.0x 6.0	Ctr	0.1	0.74
M	LOCK	5.0x 7.0	-0.2	0.5	0.79
N	LOCK	3.0x 7.0	Ctr	Ctr	0.47
B	LOCK	5.0x 9.0	0.8	-3.5	0.80
C	LOCK	5.0x 5.0	-0.7	-3.0	0.69
O	LOCK	3.0x 7.0	Ctr	Ctr	0.47
P	LOCK	6.0x 6.0	Ctr	Ctr	0.89
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.42
D	LOCK	4.0x 6.0	Ctr	0.1	0.74
L	LOCK	2.0x 4.0	Ctr	Ctr	0.48
K	LOCK	5.0x 7.0	Ctr	-0.5	0.80
J	LOCK	3.0x 7.0	Ctr	Ctr	0.48
I	LOCK	4.0x 8.0	Ctr	Ctr	0.58
H	LOCK	5.0x 7.0	Ctr	-0.5	0.80
F	LOCK	5.0x 9.0	Ctr	0.8	0.69
E	LOCK	2.0x 4.0	Ctr	Ctr	0.70
G	LOCK	3.0x 7.0	Ctr	Ctr	0.46

REVIEWED BY:
Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

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

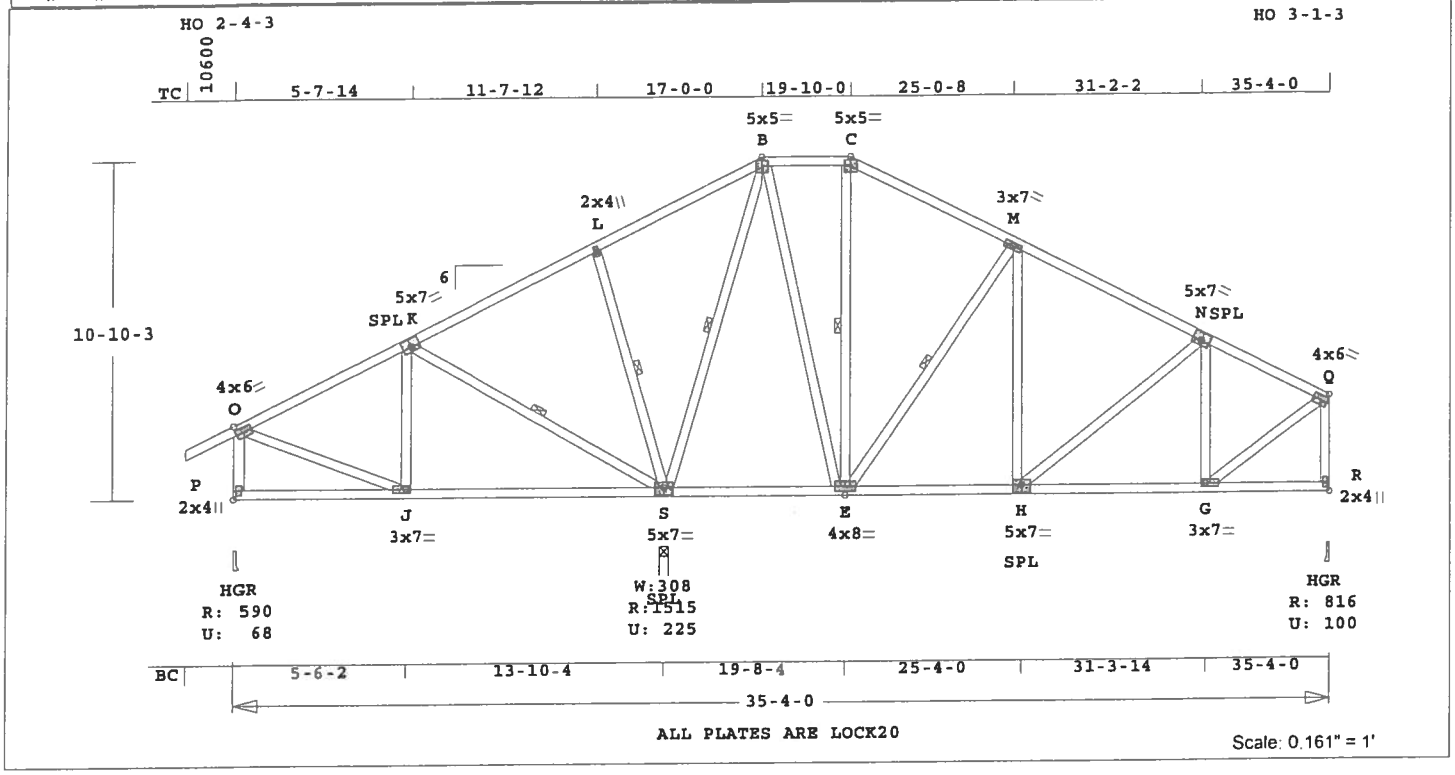
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
32- 0- 8 40-10- 0
Max comp. force 2253 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A6	1	HIPP	350400	6	1- 6- 0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 326.6 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.37	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
WB	0.33	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 4- 0
BC Cont.	0- 0- 0	35- 4- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
P	590	68	3- 8	1- 8
			Hz =	-239
S	1516	225	3- 8	1-10
R	817	100	3- 8	1- 8
			Hz =	254

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
O -K	0.34	386	C	0.00	0.34
K -L	0.37	65	T	0.01	0.36
L -B	0.36	111	T	0.00	0.36
B -C	0.18	278	C	0.00	0.18
C -M	0.36	326	C	0.00	0.36
M -N	0.36	608	C	0.00	0.36
N -Q	0.27	614	C	0.00	0.27
--------Bottom Chords---------					
P -J	0.32	212	T	0.00	0.32
J -S	0.35	359	T	0.03	0.32
S -E	0.33	142	T	0.01	0.32
E -H	0.24	547	T	0.05	0.19
H -G	0.24	565	T	0.05	0.19
G -R	0.16	216	T	0.00	0.16
----------Webs----------					
P -O	0.04	455	C	WindLd	
O -J	0.07	386	T		
J -K	0.03	209	T		
K -S	0.12	420	C		1 Br
L -S	0.08	345	C		1 Br
S -B	0.33	856	C		1 Br
B -E	0.10	548	T		
E -C	0.01	52	C		1 Br
E -M	0.14	469	C		1 Br
H -M	0.03	259	T		
H -N	0.04	65	C		
G -N	0.09	308	C		
G -Q	0.12	703	T		
R -Q	0.10	787	C	WindLd	

TL Defl -0.17" in J -S L/965
LL Defl -0.08" in J -S L/999
Shear // Grain in O -K 0.22

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

Jt	Type	Plt Size	X	Y	JSI
O	LOCK	4.0x 6.0	0.1	Ctr	0.74
K	LOCK	5.0x 7.0	-0.2	0.5	0.73
L	LOCK	2.0x 4.0	Ctr	Ctr	0.45
B	LOCK	5.0x 5.0	Ctr	-0.2	0.99
C	LOCK	5.0x 5.0	Ctr	-0.2	0.99
M	LOCK	3.0x 7.0	Ctr	Ctr	0.47
N	LOCK	5.0x 7.0	0.2	0.5	0.73
Q	LOCK	4.0x 6.0	-0.1	Ctr	0.74
P	LOCK	2.0x 4.0	Ctr	Ctr	0.49
J	LOCK	3.0x 7.0	Ctr	Ctr	0.48
S	LOCK	5.0x 7.0	Ctr	-0.5	0.74
E	LOCK	4.0x 8.0	Ctr	Ctr	0.58
H	LOCK	5.0x 7.0	Ctr	-0.5	0.74
G	LOCK	3.0x 7.0	Ctr	Ctr	0.43
R	LOCK	2.0x 4.0	Ctr	Ctr	0.49

REVIEWED BY:
Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

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

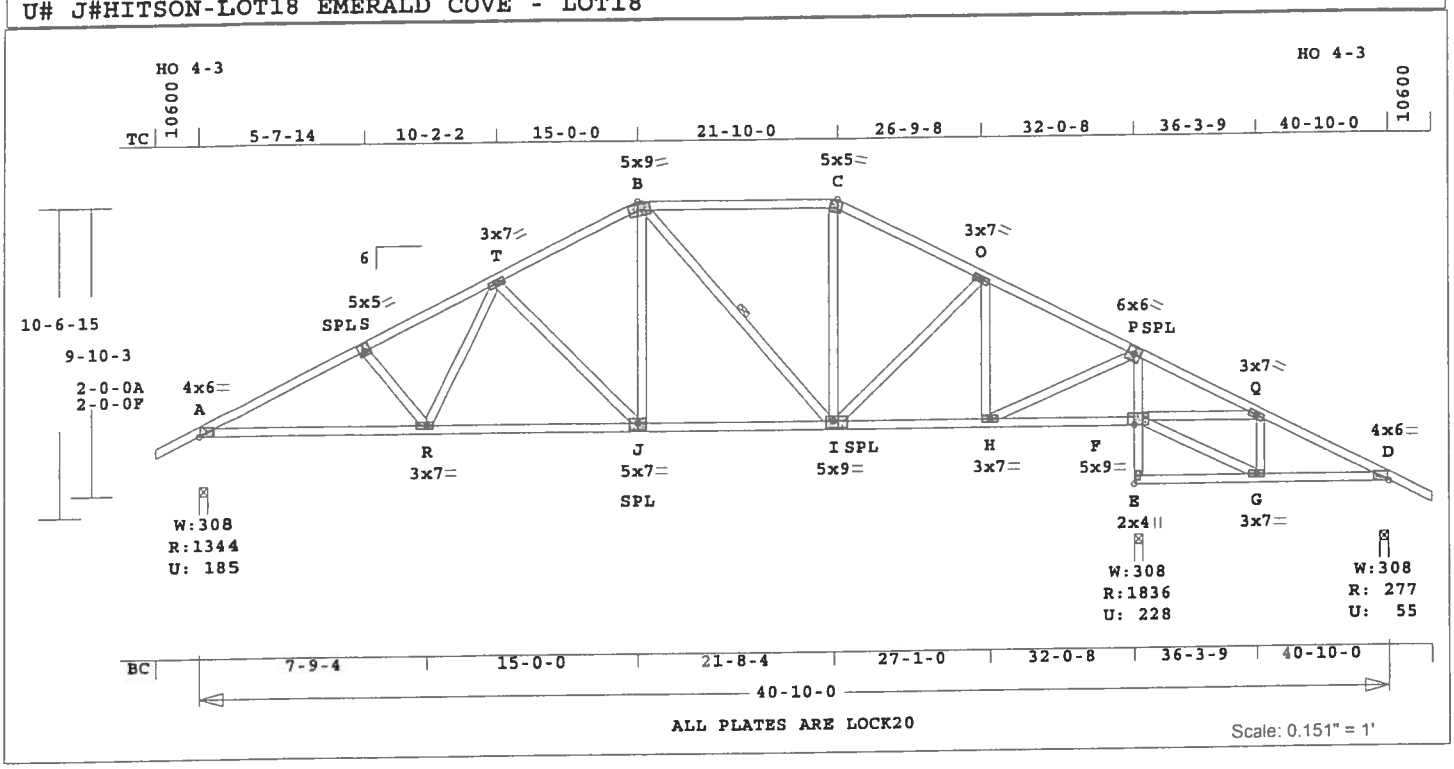
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 856 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A7	1	SP	401000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 303.3 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.46	2x 4	SP-#2
BC	0.49	2x 4	SP-#2
CW	0.16	2x 4	SP-#2
WB	0.31	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40-10- 0
BC Cont.	0- 0- 0	40-10- 0

WB 1 rows CLB on B -I
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	Req'd In-Sx
A	1344	185	3- 8	1- 9
			Hz =	-182
E	1837	228	3- 8	1-15
D	278	55	3- 8	1- 8
			Hz =	187

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -S	0.24	2215	C	0.05	0.19
S -T	0.22	2029	C	0.02	0.20
T -B	0.30	1435	C	0.01	0.29
B -C	0.46	1091	C	0.01	0.45
C -O	0.24	1219	C	0.00	0.24
O -P	0.24	1024	C	0.00	0.24
P -Q	0.35	600	T	0.11	0.24
Q -D	0.16	63	T	0.00	0.16
--------Bottom Chords---------					
A -R	0.49	1983	T	0.20	0.29
R -J	0.45	1641	T	0.16	0.29
J -I	0.38	1284	T	0.13	0.25
I -H	0.27	915	T	0.09	0.18
H -F	0.15	524	C	0.00	0.15
E -G	0.12	31	C	0.00	0.12
G -D	0.12	131	T	0.00	0.12
----------Chord-Webs----------					
E -F	0.16	1805	C	0.16	0.00
F -P	0.15	1671	C	0.15	0.00
------------Webs------------					
S -R	0.04	275	C		
R -T	0.07	429	T		
T -J	0.31	503	C		
J -B	0.09	527	T		
B -I	0.09	293	C		1 Br
I -C	0.04	274	T		
I -O	0.04	243	T		
H -O	0.17	556	C		
H -P	0.29	1578	T		
F -Q	0.13	595	C		
F -G	0.02	155	T		
G -Q	0.02	170	T		

TL Defl -0.20" in R -J L/999
LL Defl -0.08" in R -J L/999
Shear // Grain in B -C 0.25

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.74
S	LOCK	5.0x 5.0-0.2	0.5		0.79
T	LOCK	3.0x 7.0	Ctr	Ctr	0.53
B	LOCK	5.0x 9.0	0.8-3.5		0.69
C	LOCK	5.0x 5.0-0.7-3.0			0.69
O	LOCK	3.0x 7.0	Ctr	Ctr	0.45
P	LOCK	6.0x 6.0	Ctr	Ctr	0.89
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.42
D	LOCK	4.0x 6.0	Ctr	0.1	0.74
R	LOCK	3.0x 7.0-0.8	Ctr		0.55
J	LOCK	5.0x 7.0	Ctr-0.5		0.80
I	LOCK	5.0x 9.0-0.5-0.5			0.80
H	LOCK	3.0x 7.0	Ctr	Ctr	0.52
F	LOCK	5.0x 9.0	Ctr	0.8	0.69
E	LOCK	2.0x 4.0	Ctr	Ctr	0.71
G	LOCK	3.0x 7.0	Ctr	Ctr	0.46

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

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

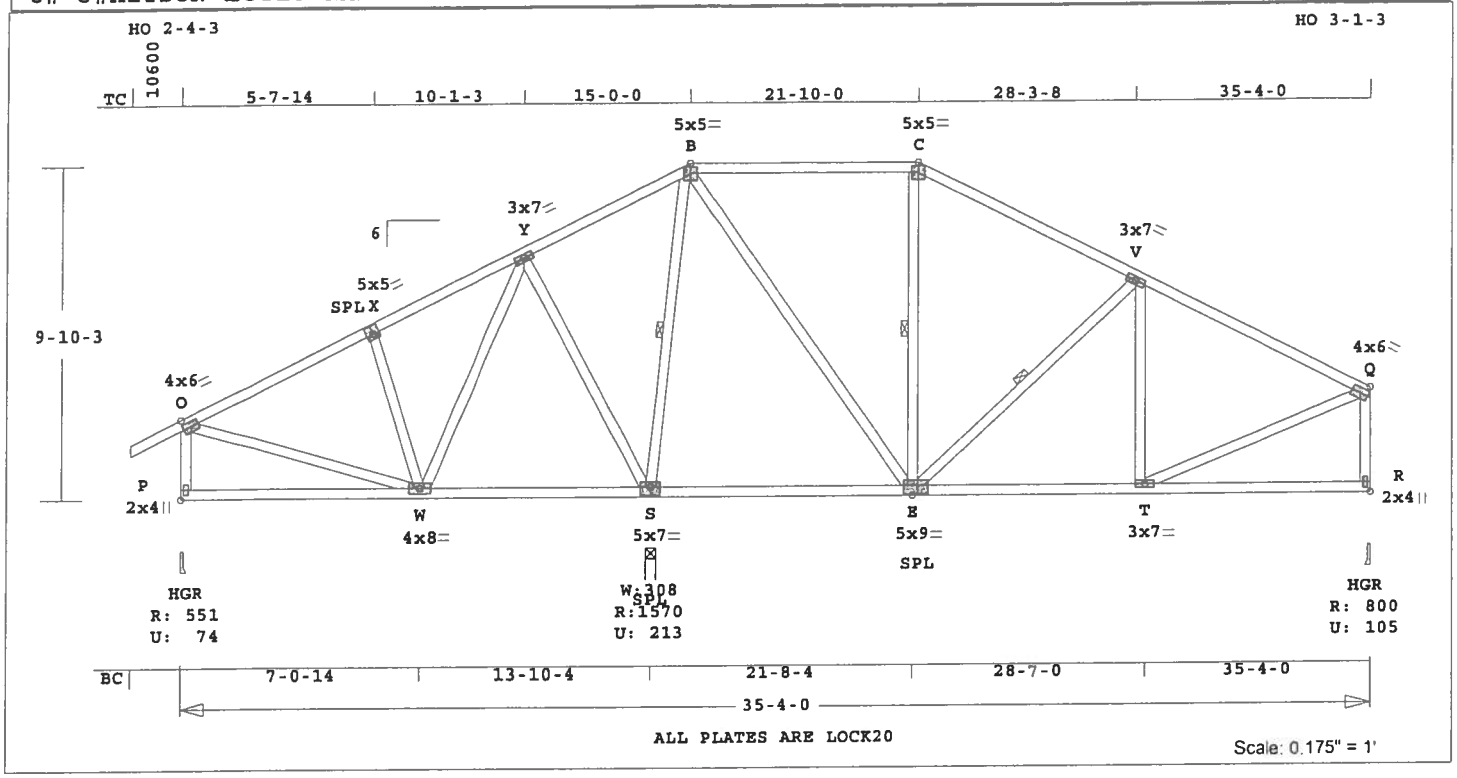
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 2215 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A8	1	HIPP	350400	6	1- 6- 0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 300.3 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.53	2x 4	SP-#2
BC	0.34	2x 4	SP-#2
WB	0.39	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 4- 0
BC Cont.	0- 0- 0	35- 4- 0

WB 1 rows CLB on S -B
WB 1 rows CLB on E -C
WB 1 rows CLB on E -V
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	551	75	3- 8	1- 8
			Hz =	-217
S	1571	213	3- 8	1-11
R	801	105	3- 8	1- 8
			Hz =	233

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
O -X	0.29	337	C	0.00	0.29
X -Y	0.29	247	C	0.00	0.29
Y -B	0.21	164	T	0.01	0.20
B -C	0.34	374	C	0.00	0.34
C -V	0.53	432	C	0.00	0.53
V -Q	0.53	676	C	0.00	0.53

Bottom Chords					
P -W	0.29	190	T	0.00	0.29
W -S	0.29	124	T	0.00	0.29
S -E	0.28	132	T	0.00	0.28
E -T	0.34	622	T	0.06	0.28
T -R	0.28	195	T	0.00	0.28
Webs					
P -O	0.04	394	C	WindLd	
O -W	0.06	327	T		
X -W	0.10	306	C		
W -Y	0.06	372	T		
Y -S	0.39	494	C		
S -B	0.30	992	C		1 Br
B -E	0.14	694	T		
E -C	0.05	188	C		1 Br
E -V	0.09	337	C		1 Br
T -V	0.05	116	C		
T -Q	0.12	676	T		
R -Q	0.09	743	C	WindLd	

TL Defl -0.15" in P -W L/999
LL Defl -0.07" in P -W L/999
Shear // Grain in V -Q 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
O	LOCK	4.0x 6.0	0.1	Ctr	0.74
X	LOCK	5.0x 5.0	-0.2	0.5	0.73
Y	LOCK	3.0x 7.0	Ctr	Ctr	0.53
B	LOCK	5.0x 5.0	Ctr	-0.2	0.99
C	LOCK	5.0x 5.0	Ctr	-0.2	0.99
V	LOCK	3.0x 7.0	Ctr	Ctr	0.43
Q	LOCK	4.0x 6.0	-0.1	Ctr	0.74
P	LOCK	2.0x 4.0	Ctr	Ctr	0.49
W	LOCK	4.0x 8.0	Ctr	Ctr	0.54
S	LOCK	5.0x 7.0	Ctr	-0.5	0.74
E	LOCK	5.0x 9.0	-0.5	-0.5	0.74
T	LOCK	3.0x 7.0	Ctr	Ctr	0.47
R	LOCK	2.0x 4.0	Ctr	Ctr	0.49

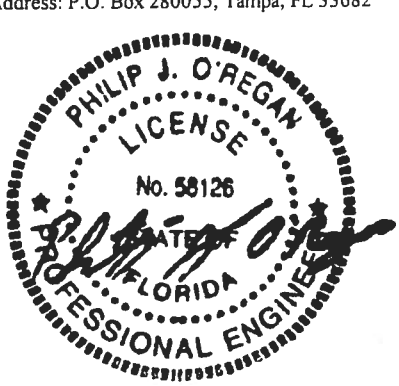
REVIEWED BY:
Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

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

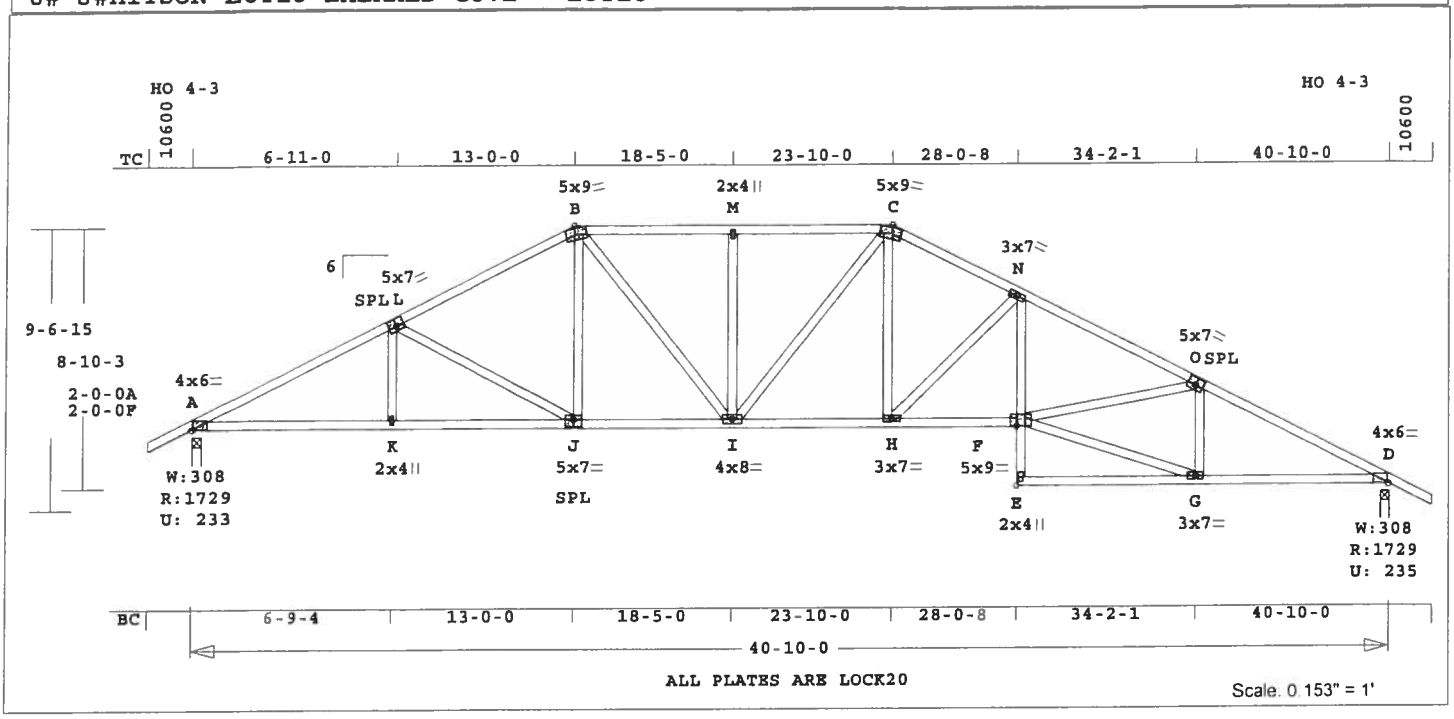
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 992 Lbs
Quality Control Factor 1.25

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



Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A9	1	SP	401000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 303.9 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.62	2x 4	SP-#2
BC	0.64	2x 4	SP-#2
CW	0.23	2x 4	SP-#2
WB	0.51	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40-10- 0
BC Cont.	0- 0- 0	40-10- 0

Loading	Live	Dead	(psf)
TC	20.0	10.0	
BC	0.0	10.0	
Total	20.0	20.0	40.0
Spacing			24.0"
Lumber Duration Factor			1.25
Plate Duration Factor			1.25
TC Fb=1.15	Fc=1.10	Ft=1.10	
BC Fb=1.10	Fc=1.10	Ft=1.10	

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1729	233	3- 8	2- 1
			Hz =	-160
D	1729	236	3- 8	2- 1
			Hz =	165

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -L	0.43	3005	C	0.13	0.30
L -B	0.36	2467	C	0.04	0.32
B -M	0.36	2515	C	0.04	0.32
M -C	0.36	2515	C	0.04	0.32
C -N	0.34	2742	C	0.04	0.30
N -O	0.62	3603	C	0.23	0.39
O -D	0.38	3028	C	0.05	0.33
--------Bottom Chords---------					
A -K	0.55	2689	T	0.45	0.10
K -J	0.56	2689	T	0.45	0.11
J -I	0.47	2199	T	0.36	0.11
I -H	0.50	2446	T	0.41	0.09
H -F	0.64	3227	T	0.54	0.10
E -G	0.21	41	T	0.00	0.21
G -D	0.54	2710	T	0.45	0.09
----------Chord-Webs----------					
E -F	0.17	100	T	0.00	0.17
F -N	0.23	841	T	0.15	0.08
-------------Webs-------------					
K -L	0.03	256	T		
L -J	0.35	549	C		
J -B	0.07	428	T		
B -I	0.09	502	T		
I -M	0.20	376	C		
I -C	0.06	118	T		
H -C	0.15	863	T		
H -N	0.51	1069	C		
F -O	0.09	519	T		
F -G	0.51	2807	T		
G -O	0.11	742	C		

TL Defl -0.46" in H -F L/999
LL Defl -0.23" in H -F L/999
Shear // Grain in M -C 0.25

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.74
L	LOCK	5.0x 7.0	-0.2	0.5	0.79
B	LOCK	5.0x 9.0	0.8	-3.5	0.69
M	LOCK	2.0x 4.0	Ctr	Ctr	0.48
C	LOCK	5.0x 9.0	-0.8	-3.5	0.69
N	LOCK	3.0x 7.0	Ctr	Ctr	0.59
O	LOCK	5.0x 7.0	0.2	0.5	0.79
D	LOCK	4.0x 6.0	Ctr	0.1	0.74
K	LOCK	2.0x 4.0	Ctr	Ctr	0.48
J	LOCK	5.0x 7.0	Ctr	-0.5	0.80
I	LOCK	4.0x 8.0	Ctr	Ctr	0.44
H	LOCK	3.0x 7.0	Ctr	Ctr	0.47
F	LOCK	5.0x 9.0	Ctr	0.8	0.69
E	LOCK	2.0x 4.0	Ctr	Ctr	0.60
G	LOCK	3.0x 7.0	Ctr	Ctr	0.90

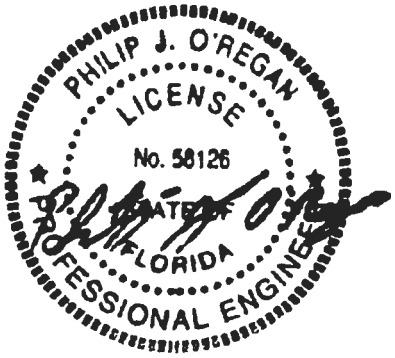
REVIEWED BY:
Robbins Engineering, Inc.

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 3603 Lbs
Quality Control Factor 1.25

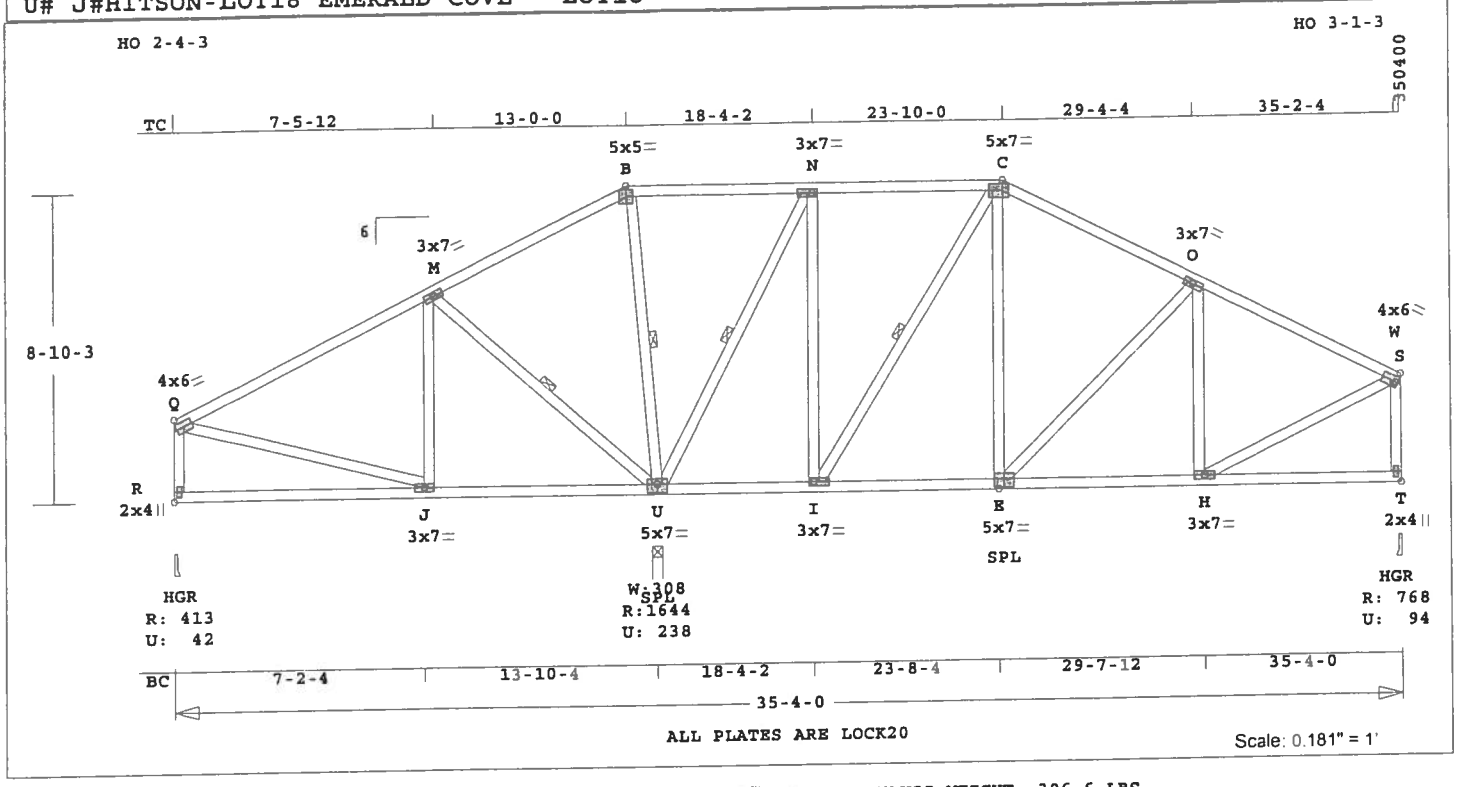
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A10	1	HIPP	350400	6	0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 306.6 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.57	2x 4	SP-#2
BC	0.35	2x 4	SP-#2
WB	0.27	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 4- 0
BC Cont.	0- 0- 0	35- 4- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
R	414	43	3- 8	1- 8
			Hz =	-196
U	1645	239	3- 8	1-12
T	768	95	3- 8	1- 8
			Hz =	211

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
Q -M	0.55	222	C	0.00	0.55
M -B	0.57	200	T	0.02	0.55
B -N	0.34	232	T	0.03	0.31
N -C	0.31	187	C	0.00	0.31
C -O	0.38	475	C	0.00	0.38
O -W	0.38	626	C	0.00	0.38
--------Bottom Chords---------					
R -J	0.33	169	T	0.00	0.33
J -U	0.35	215	T	0.02	0.33
U -I	0.16	187	T	0.01	0.15
I -E	0.19	412	T	0.04	0.15
E -H	0.27	575	T	0.06	0.21
H -T	0.21	173	T	0.00	0.21
----------Webs----------					
R -Q	0.03	352	C	WindLd	
Q -J	0.04	224	T		
J -M	0.04	273	T		
M -U	0.13	550	C		1 Br
B -U	0.09	370	C		1 Br
U -N	0.27	907	C		1 Br
I -N	0.08	461	T		
I -C	0.14	423	C		1 Br
E -C	0.05	335	T		
E -O	0.18	224	C		
H -O	0.06	160	C		
H -W	0.11	644	T		
T -W	0.09	719	C	WindLd	

TL Defl -0.15" in R -J L/999
LL Defl -0.07" in R -J L/999
Shear // Grain in Q -M 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
Q	LOCK	4.0x 6.0	0.1	Ctr	0.74
M	LOCK	3.0x 7.0	Ctr	Ctr	0.42
B	LOCK	5.0x 5.0	Ctr	-0.2	0.99
N	LOCK	3.0x 7.0	Ctr	Ctr	0.52
C	LOCK	5.0x 7.0	0.5	-0.1	0.94
O	LOCK	3.0x 7.0	Ctr	Ctr	0.43
W	LOCK	4.0x 6.0	-0.1	Ctr	0.74
R	LOCK	2.0x 4.0	Ctr	Ctr	0.49
J	LOCK	3.0x 7.0	Ctr	Ctr	0.87
U	LOCK	5.0x 7.0	Ctr	-0.5	0.74
I	LOCK	3.0x 7.0	Ctr	Ctr	0.50
E	LOCK	5.0x 7.0	Ctr	-0.5	0.74
H	LOCK	3.0x 7.0	Ctr	Ctr	0.44
T	LOCK	2.0x 4.0	Ctr	Ctr	0.49

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

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

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

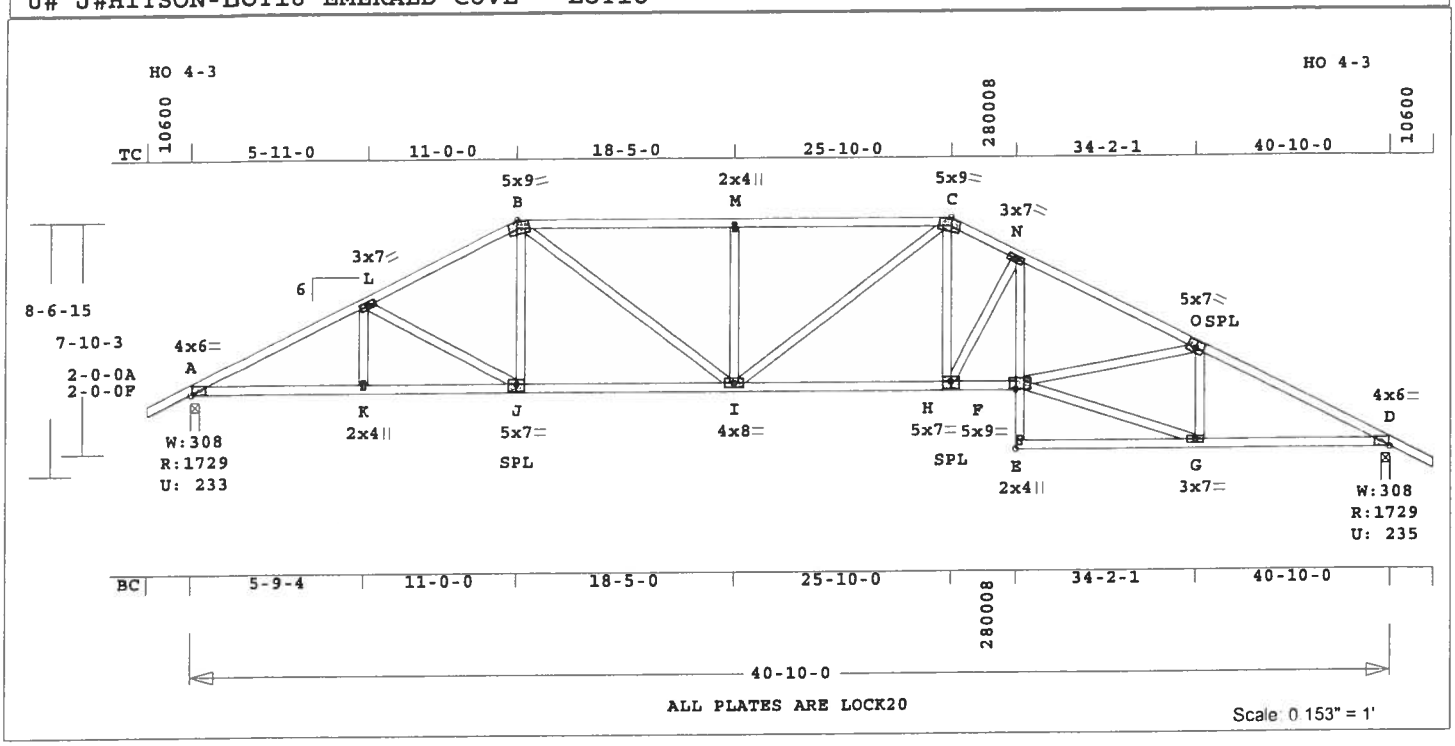
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

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

Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A11	1	SP	401000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 294.8 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.73	2x 4	SP-#2
BC	0.70	2x 4	SP-#2
CW	0.24	2x 4	SP-#2
WB	0.51	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	40-10- 0
BC	Cont.	0- 0- 0	40-10- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1729	233	3- 8	2- 1
			Hz =	-138
D	1729	236	3- 8	2- 1
			Hz =	143

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -L	0.30	3040 C	0.10	0.20
L -B	0.34	2638 C	0.04	0.30
B -M	0.67	3006 C	0.06	0.61
M -C	0.73	3006 C	0.16	0.57
C -N	0.48	3085 C	0.06	0.42
N -O	0.66	3588 C	0.22	0.44
O -D	0.39	3030 C	0.05	0.34
Bottom Chords				
A -K	0.55	2714 T	0.45	0.10
K -J	0.58	2714 T	0.45	0.13
J -I	0.55	2359 T	0.39	0.16
I -H	0.62	2773 T	0.46	0.16
H -F	0.70	3206 T	0.53	0.17
E -G	0.21	58 T	0.00	0.21
G -D	0.54	2712 T	0.45	0.09
Chord-Webs				
E -F	0.24	100 T	0.00	0.24
F -N	0.19	778 T	0.14	0.05
Webs				
K -L	0.02	188 T		
L -J	0.18	396 C		
J -B	0.06	397 T		
B -I	0.14	808 T		
I -M	0.19	509 C		
I -C	0.10	290 T		
H -C	0.16	883 T		
H -N	0.26	836 C		
F -O	0.09	499 T		
F -G	0.51	2792 T		
G -O	0.11	738 C		

TL Defl -0.52" in I -H L/930
LL Defl -0.24" in H -F L/999
Shear // Grain in M -C 0.33

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.74
L	LOCK	3.0x 7.0	Ctr	Ctr	0.42
B	LOCK	5.0x 9.0	0.8	-3.5	0.69
M	LOCK	2.0x 4.0	Ctr	Ctr	0.48
C	LOCK	5.0x 9.0	-0.8	-3.5	0.69
N	LOCK	3.0x 7.0	Ctr	Ctr	0.52
O	LOCK	5.0x 7.0	0.2	0.5	0.79
D	LOCK	4.0x 6.0	Ctr	0.1	0.74
K	LOCK	2.0x 4.0	Ctr	Ctr	0.48
J	LOCK	5.0x 7.0	Ctr	-0.5	0.80
I	LOCK	4.0x 8.0	Ctr	Ctr	0.45
H	LOCK	5.0x 7.0	Ctr	-0.5	0.80
F	LOCK	5.0x 9.0	Ctr	0.8	0.69
E	LOCK	2.0x 4.0	Ctr	Ctr	0.60
G	LOCK	3.0x 7.0	Ctr	Ctr	0.90

REVIEWED BY:
Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

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

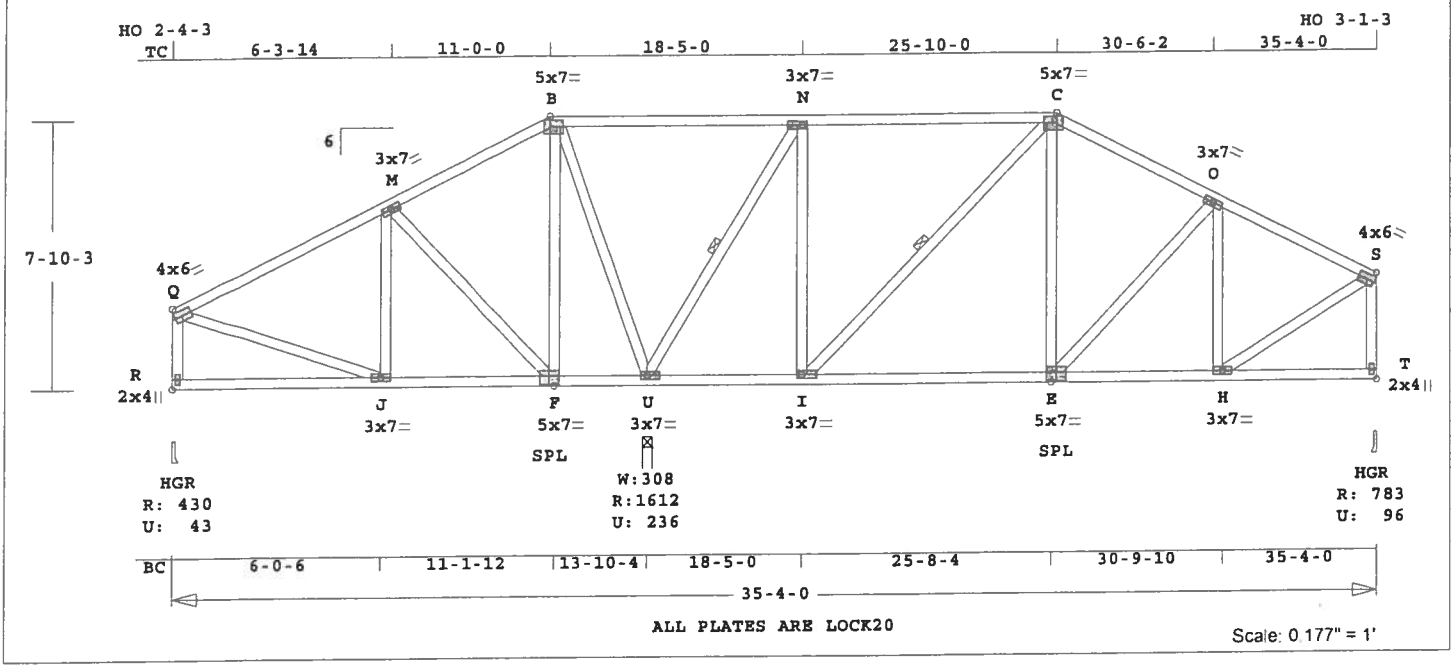
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 3588 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A12	1	HIPP	350400	6	0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 302.8 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.67	2x 4	SP-#2
BC	0.28	2x 4	SP-#2
WB	0.56	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	35- 4- 0
BC Cont.		0- 0- 0	35- 4- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
R	431	44	3- 8	1- 8
			Hz =	-174
U	1613	236	3- 8	1-11
T	783	96	3- 8	1- 8
			Hz =	190

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
Q -M	0.36	277	C	0.00	0.36
M -B	0.36	67	T	0.00	0.36
B -N	0.67	251	T	0.04	0.63
N -C	0.63	278	C	0.00	0.63
C -O	0.21	579	C	0.00	0.21
O -S	0.21	604	C	0.00	0.21
Bottom Chords					
R -J	0.22	147	T	0.00	0.22
J -F	0.24	261	T	0.02	0.22
F -U	0.07	117	T	0.00	0.07
U -I	0.25	278	T	0.02	0.23
I -E	0.28	515	T	0.05	0.23
E -H	0.27	551	T	0.05	0.22
H -T	0.11	152	T	0.00	0.11
Webs					
R -Q	0.04	379	C	WindLd	
Q -J	0.05	277	T		
J -M	0.03	195	T		
M -F	0.24	396	C		
F -B	0.06	342	T		
B -U	0.56	700	C		
U -N	0.26	1023	C	1 Br	
I -N	0.06	450	T		
I -C	0.12	339	C	1 Br	
E -C	0.04	274	T		
E -O	0.04	74	C		
H -O	0.08	253	C		
H -S	0.12	652	T		
T -S	0.09	742	C	WindLd	

TL Defl -0.08" in I -E L/999
LL Defl -0.04" in R -J L/999
Shear // Grain in N -C 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

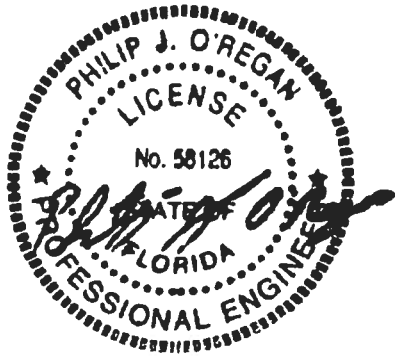
Jt	Type	Plt Size	X	Y	JSI
Q	LOCK	4.0x 6.0	0.1	Ctr	0.74
M	LOCK	3.0x 7.0	Ctr	Ctr	0.44
B	LOCK	5.0x 7.0	-0.5	-0.1	0.94
N	LOCK	3.0x 7.0	Ctr	Ctr	0.50
C	LOCK	5.0x 7.0	0.5	-0.1	0.94
O	LOCK	3.0x 7.0	Ctr	Ctr	0.44
S	LOCK	4.0x 6.0	-0.1	Ctr	0.74
R	LOCK	2.0x 4.0	Ctr	Ctr	0.49
J	LOCK	3.0x 7.0	Ctr	Ctr	0.50
F	LOCK	5.0x 7.0	Ctr	-0.5	0.74
U	LOCK	3.0x 7.0	1.1	Ctr	0.56
I	LOCK	3.0x 7.0	Ctr	Ctr	0.45
E	LOCK	5.0x 7.0	Ctr	-0.5	0.74
H	LOCK	3.0x 7.0	Ctr	Ctr	0.42
T	LOCK	2.0x 4.0	Ctr	Ctr	0.49

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 1023 Lbs
Quality Control Factor 1.25

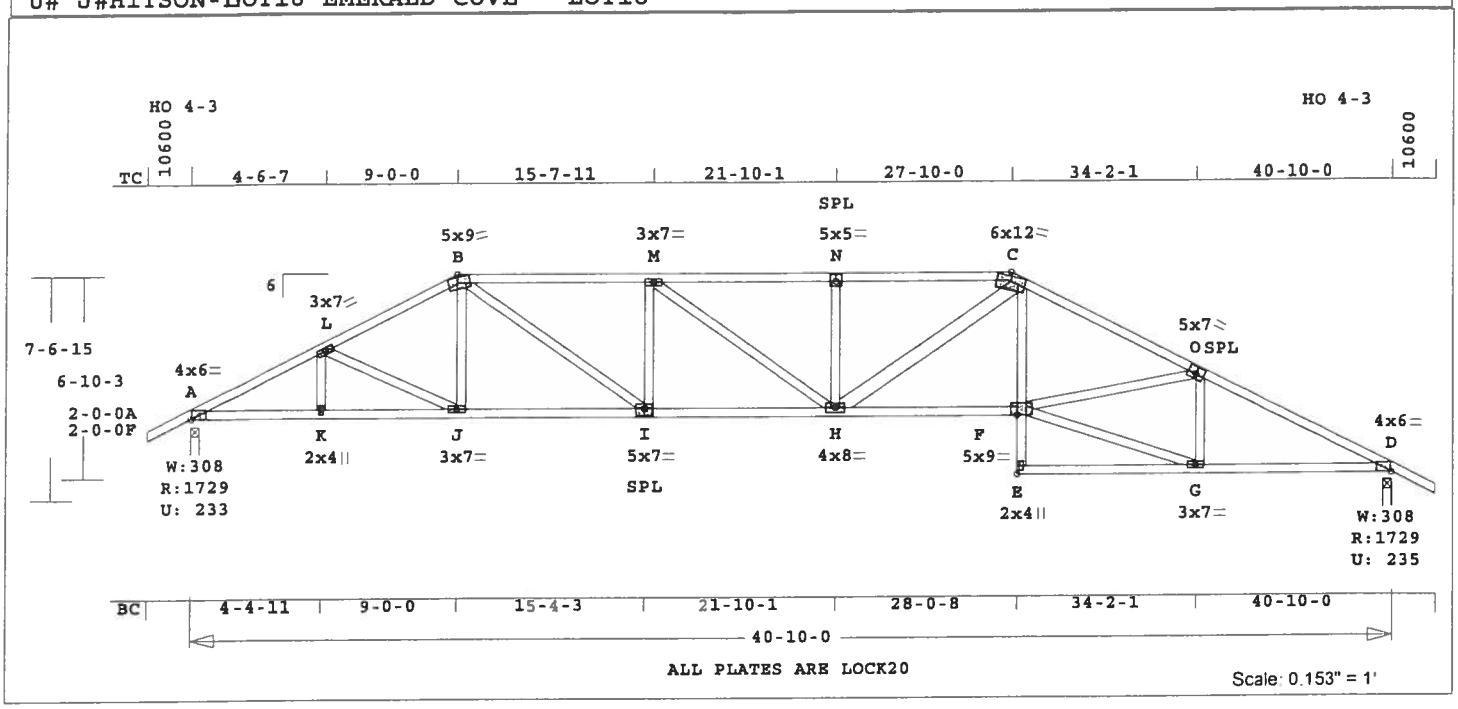
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A13	1	SP	401000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 292.2 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.97	2x 4	SP-#2
BC	0.68	2x 4	SP-#2
CW	0.26	2x 4	SP-#2
WB	0.52	2x 4	SP-#2
EX	H -C	2x 6	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40-10- 0
BC Cont.	0- 0- 0	40-10- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1729	233	3- 8	2- 1
			Hz =	-116
D	1729	236	3- 8	2- 1
			Hz =	121

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -L	0.24	3085 C	0.06	0.18
L -B	0.28	2798 C	0.04	0.24
B -M	0.50	3457 C	0.08	0.42
M -N	0.58	3615 C	0.19	0.39
N -C	0.76	3615 C	0.09	0.67
C -O	0.97	3577 C	0.22	0.75
O -D	0.50	3043 C	0.05	0.45
Bottom Chords				
A -K	0.60	2747 T	0.46	0.14
K -J	0.57	2747 T	0.46	0.11
J -I	0.53	2508 T	0.42	0.11
I -H	0.68	3457 T	0.58	0.10
H -F	0.65	3162 T	0.53	0.12
E -G	0.20	13 C	0.00	0.20
G -D	0.56	2728 T	0.45	0.11
Chord-Webs				
F -C	0.26	908 T	0.16	0.10
E -F	0.05	101 T	0.01	0.04
Webs				
K -L	0.01	127 T		
L -J	0.08	258 C		
J -B	0.04	319 T		
B -I	0.21	1160 T		
I -M	0.14	538 C		
M -H	0.03	195 T		
H -N	0.07	292 C		
H -C	0.07	546 T		
F -O	0.08	454 T		
F -G	0.52	2859 T		
G -O	0.12	764 C		

TL Defl -0.65" in I -H L/741
LL Defl -0.32" in I -H L/999
Shear // Grain in N -C 0.29

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	0.1	0.74
L	LOCK	3.0x 7.0	Ctr	Ctr	0.42
B	LOCK	5.0x 9.0	0.8	-3.5	0.69
M	LOCK	3.0x 7.0	Ctr	Ctr	0.44
N	LOCK	5.0x 5.0	Ctr	0.5	0.80
C	LOCK	6.0x12.0	-0.6	-4.5	0.91
O	LOCK	5.0x 7.0	0.2	0.5	0.79
D	LOCK	4.0x 6.0	Ctr	0.1	0.74
K	LOCK	2.0x 4.0	Ctr	Ctr	0.48
J	LOCK	3.0x 7.0	Ctr	Ctr	0.47
I	LOCK	5.0x 7.0	Ctr	-0.5	0.80
H	LOCK	4.0x 8.0	Ctr	Ctr	0.53
F	LOCK	5.0x 9.0	Ctr	0.8	0.69
E	LOCK	2.0x 4.0	Ctr	Ctr	0.60
G	LOCK	3.0x 7.0	Ctr	Ctr	0.92

REVIEWED BY:

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

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

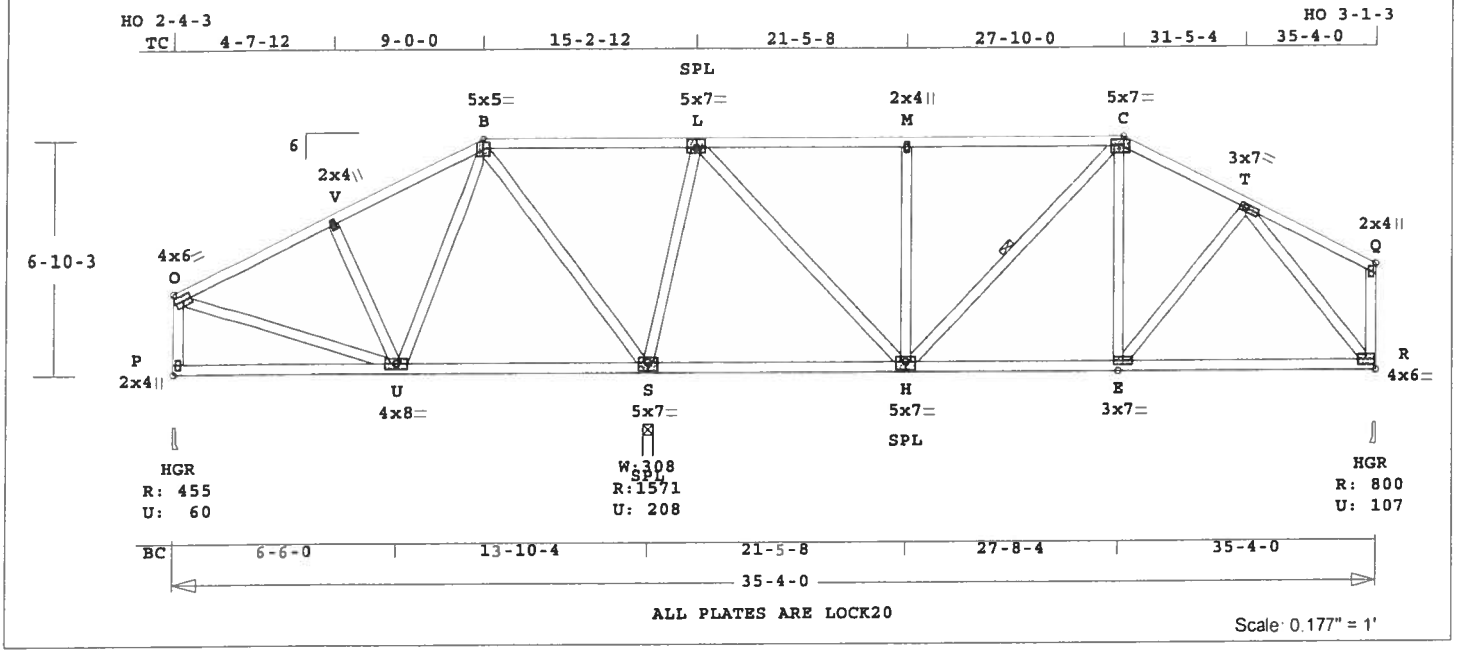
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 3615 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A14	1	HIPP	350400	6	0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 284.2 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.45	2x 4	SP-#2
BC	0.38	2x 4	SP-#2
WB	0.57	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 4- 0
BC Cont.	0- 0- 0	35- 4- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
P	455	61	3- 8	1- 8
			Hz = -153	
S	1571	209	3- 8	1-11
R	800	107	3- 8	1- 8
			Hz = 168	

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
O -V	0.18	370	C	0.00	0.18
V -B	0.24	257	C	0.00	0.24
B -L	0.45	202	T	0.03	0.42
L -M	0.42	543	C	0.00	0.42
M -C	0.37	543	C	0.00	0.37
C -T	0.14	653	C	0.00	0.14
T -Q	0.13	63	T	0.00	0.13
Bottom Chords					
P -U	0.28	126	T	0.00	0.28
U -S	0.32	137	T	0.01	0.31
S -H	0.31	73	T	0.00	0.31
H -E	0.38	585	T	0.06	0.32
E -R	0.36	500	T	0.04	0.32
Webs					
P -O	0.04	399	C	WindLd	
O -U	0.06	357	T		
V -U	0.07	247	C		
U -B	0.05	313	T		
B -S	0.46	558	C		
S -L	0.57	994	C		
L -H	0.14	776	T		
H -M	0.21	390	C		
H -C	0.01	74	C		1 Br
E -C	0.02	173	T		
E -T	0.02	174	T		
T -R	0.36	805	C		
R -Q	0.02	104	C	WindLd	

TL Defl -0.20" in E -R L/999
LL Defl -0.10" in E -R L/999
Shear // Grain in B -L 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
O	LOCK	4.0x 6.0	0.1	Ctr	0.74
V	LOCK	2.0x 4.0	Ctr	Ctr	0.45
B	LOCK	5.0x 5.0	Ctr	-0.2	0.99
L	LOCK	5.0x 7.0	Ctr	0.5	0.74
M	LOCK	2.0x 4.0	Ctr	Ctr	0.45
C	LOCK	5.0x 7.0	0.5	-0.1	0.94
T	LOCK	3.0x 7.0	1.2	-0.6	0.45
Q	LOCK	2.0x 4.0	Ctr	Ctr	0.49
P	LOCK	2.0x 4.0	Ctr	Ctr	0.49
U	LOCK	4.0x 8.0	Ctr	Ctr	0.56
S	LOCK	5.0x 7.0	Ctr	-0.5	0.74
H	LOCK	5.0x 7.0	Ctr	-0.5	0.74
E	LOCK	3.0x 7.0	Ctr	Ctr	0.47
R	LOCK	4.0x 6.0	Ctr	Ctr	0.74

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

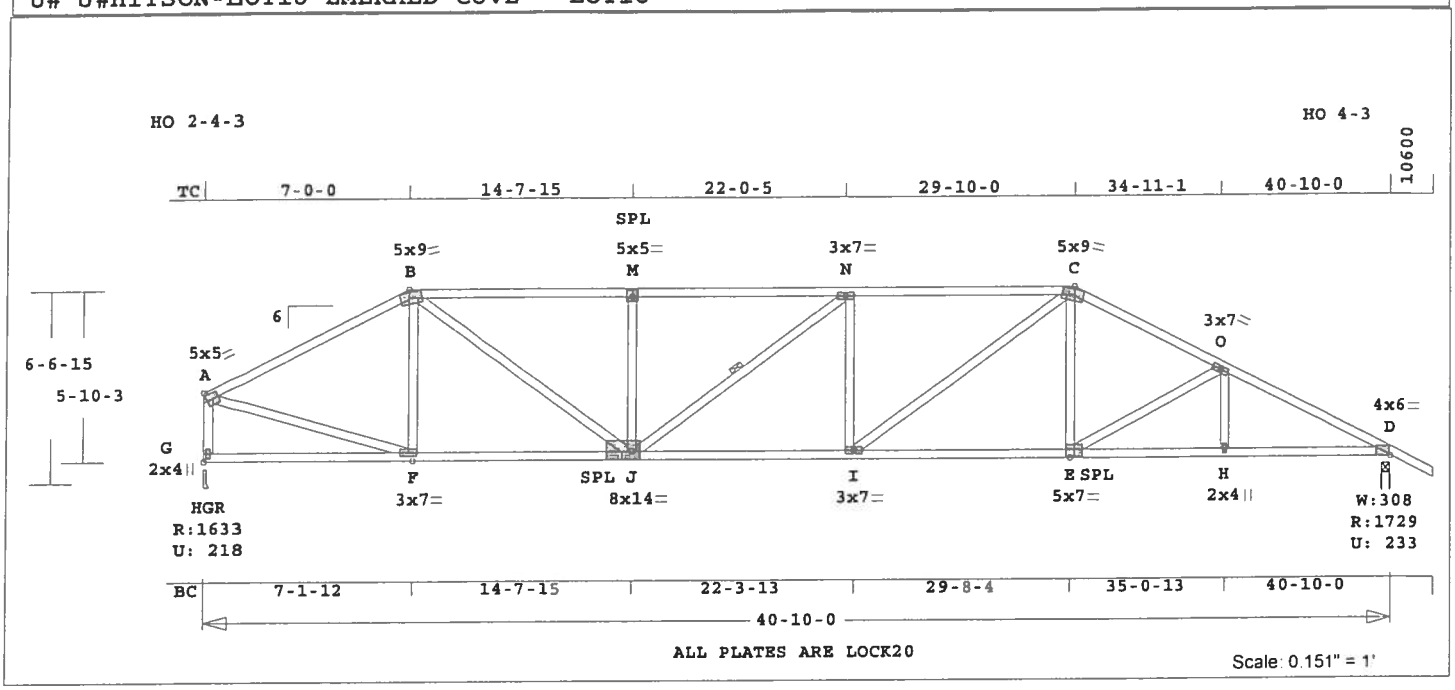
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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 994 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A15	1	HIPP	401000	6	0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 285.1 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.76	2x 4	SP-#2
BC	0.67	2x 4	SP-#2
WB	0.33	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40-10- 0
BC Cont.	0- 0- 0	40-10- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	1633	218	3- 8	1-15
			Hz =	-146
D	1729	234	3- 8	2- 1
			Hz =	108

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
A -B	0.71	1924	C	0.08	0.63
B -M	0.53	2780	C	0.05	0.48
M -N	0.61	2780	C	0.05	0.56
N -C	0.76	3007	C	0.18	0.58
C -O	0.36	2640	C	0.04	0.32
O -D	0.31	3039	C	0.10	0.21
Bottom Chords					
G -F	0.33	119	T	0.00	0.33
F -J	0.51	1737	T	0.18	0.33
J -I	0.67	3007	T	0.50	0.17
I -E	0.56	2363	T	0.39	0.17
E -H	0.59	2712	T	0.45	0.14
H -D	0.54	2712	T	0.45	0.09
Webs					
G -A	0.16	1575	C	WindLd	
A -F	0.33	1807	T		
F -B	0.13	358	C		
B -J	0.23	1289	T		
J -M	0.17	445	C		
J -N	0.08	282	C		1 Br
I -N	0.12	314	C		
I -C	0.14	796	T		
E -C	0.06	403	T		
E -O	0.17	390	C		
H -O	0.02	185	T		

TL Defl -0.41" in J -I L/999
LL Defl -0.19" in J -I L/999
Shear // Grain in N -C 0.32

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

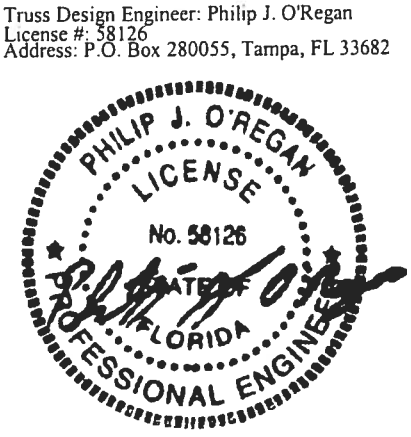
Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	Ctr	Ctr	0.75
B	LOCK	5.0x 9.0	0.8-3.5		0.71
M	LOCK	5.0x 5.0	Ctr	0.5	0.80
N	LOCK	3.0x 7.0	Ctr	Ctr	0.45
C	LOCK	5.0x 9.0	-0.8-3.5		0.69
O	LOCK	3.0x 7.0	Ctr	Ctr	0.42
D	LOCK	4.0x 6.0	Ctr	0.1	0.74
G	LOCK	2.0x 4.0	Ctr	Ctr	0.56
F	LOCK	3.0x 7.0	Ctr	Ctr	0.58
J	LOCK	8.0x14.0	0.5	0.5	0.69
I	LOCK	3.0x 7.0	Ctr	Ctr	0.45
E	LOCK	5.0x 7.0	Ctr	-0.5	0.80
H	LOCK	2.0x 4.0	Ctr	Ctr	0.48

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 3039 Lbs
Quality Control Factor 1.25

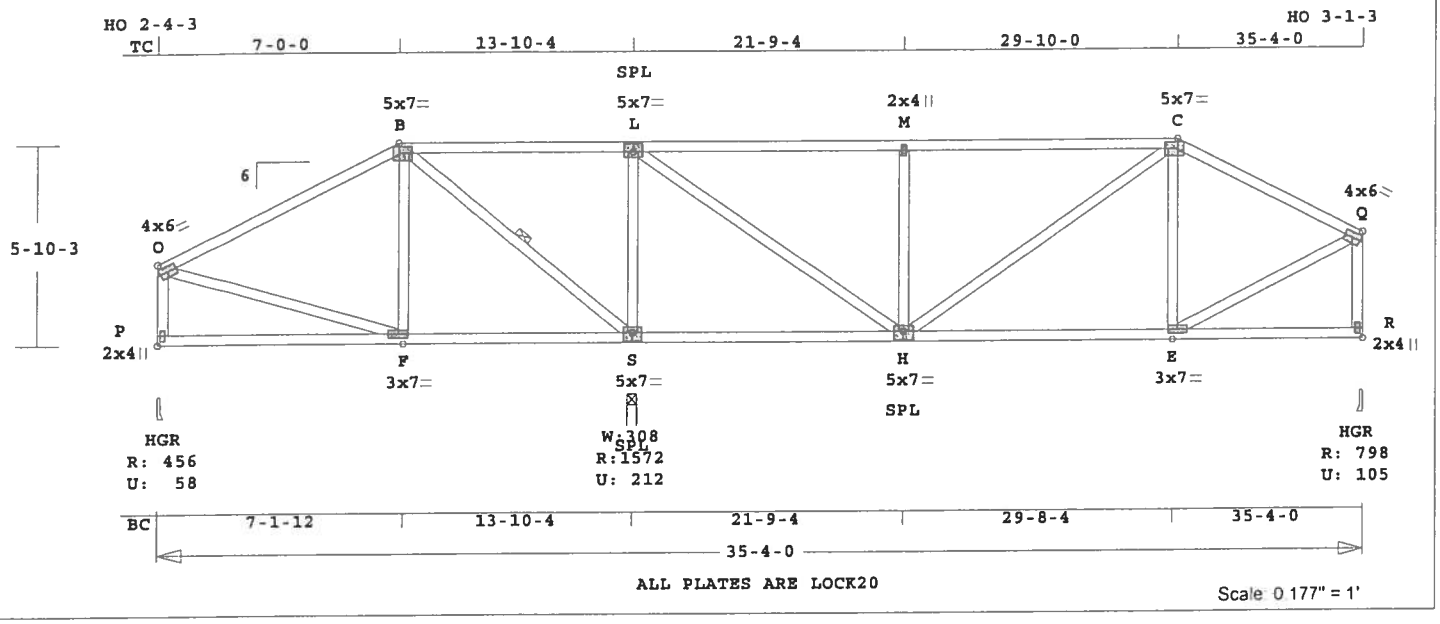
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A16	1	HIPP	350400	6	0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 260.0 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.63	2x 4	SP-#2
BC	0.40	2x 4	SP-#2
WB	0.41	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	35- 4- 0
BC Cont.		0- 0- 0	35- 4- 0

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
P	456	58	3- 8	1- 8
			Hz =	-132
S	1572	213	3- 8	1-11
R	798	105	3- 8	1- 8
			Hz =	147

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
O -B	0.50	279	C	0.00	0.50
B -L	0.54	188	T	0.03	0.51
L -M	0.63	685	C	0.00	0.63
M -C	0.63	685	C	0.00	0.63
C -Q	0.27	662	C	0.00	0.27
--------Bottom Chords---------					
P -F	0.29	105	T	0.00	0.29
F -S	0.31	257	T	0.02	0.29
S -H	0.34	188	C	0.00	0.34
H -E	0.40	605	T	0.06	0.34
E -R	0.27	109	T	0.00	0.27
----------Webs----------					
P -O	0.04	396	C	WindLd	
O -F	0.04	270	T		
F -B	0.03	244	T		
B -S	0.14	575	C		1 Br
S -L	0.41	1063	C		
L -H	0.19	1066	T		
H -M	0.19	505	C		
H -C	0.07	97	T		
E -C	0.06	166	C		
E -Q	0.12	678	T		
R -Q	0.10	756	C	WindLd	

TL Defl -0.14" in P -F L/999
LL Defl -0.07" in P -F L/999
Shear // Grain in M -C 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
O	LOCK	4.0x 6.0	0.1	Ctr	0.74
B	LOCK	5.0x 7.0	-0.5	-0.1	0.94
L	LOCK	5.0x 7.0	Ctr	0.5	0.74
M	LOCK	2.0x 4.0	Ctr	Ctr	0.45
C	LOCK	5.0x 7.0	0.5	-0.1	0.94
Q	LOCK	4.0x 6.0	-0.1	Ctr	0.74
P	LOCK	2.0x 4.0	Ctr	Ctr	0.49
F	LOCK	3.0x 7.0	Ctr	Ctr	0.53
S	LOCK	5.0x 7.0	Ctr	-0.5	0.74
H	LOCK	5.0x 7.0	Ctr	-0.5	0.74
E	LOCK	3.0x 7.0	Ctr	Ctr	0.44
R	LOCK	2.0x 4.0	Ctr	Ctr	0.49

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 1063 Lbs
Quality Control Factor 1.25

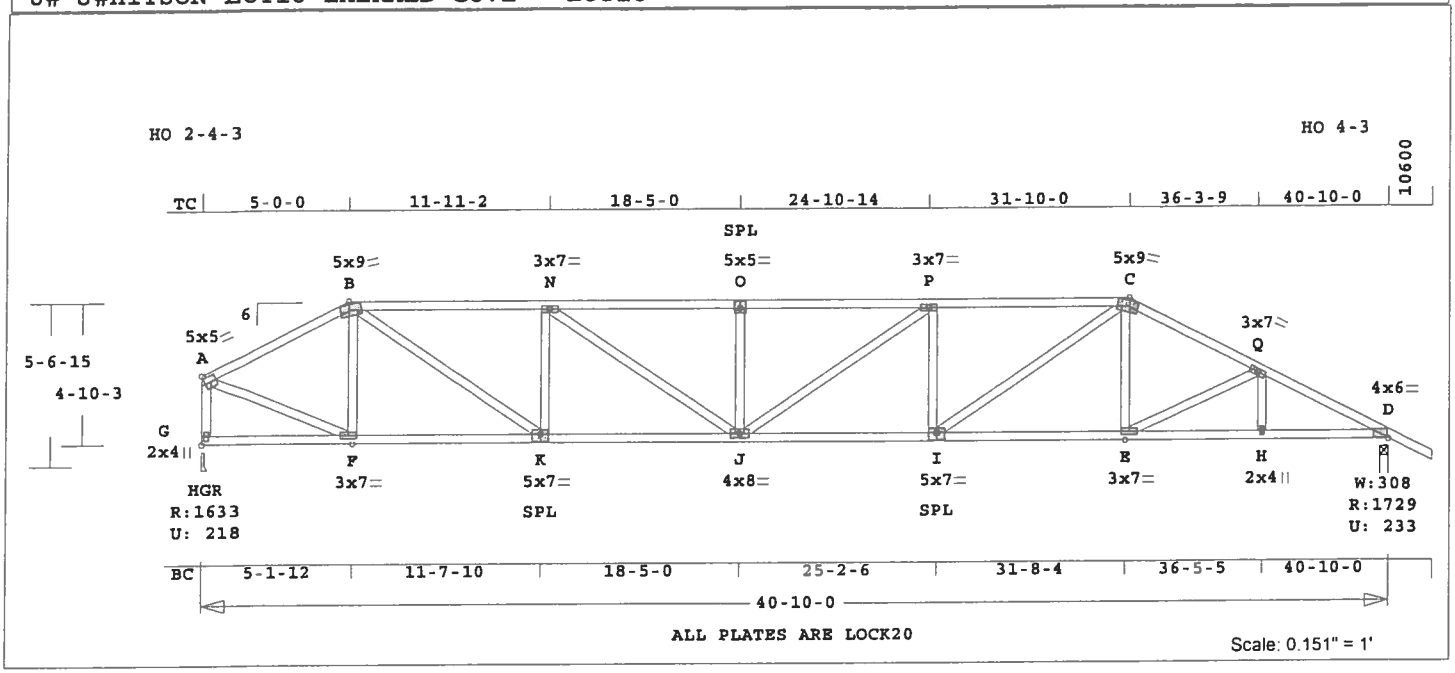
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

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

Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A17	1	HIPP	401000	6	0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 285.3 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.59	2x 4	SP-#2
BC	0.69	2x 4	SP-#2
WB	0.31	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	40-10- 0
BC Cont.	0- 0- 0	40-10- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
G	1633	218	3- 8	1-15
			Hz =	-124
D	1729	234	3- 8	2- 1
			Hz =	86

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A -B	0.31	1758 C	0.03	0.28
B -N	0.43	3010 C	0.06	0.37
N -O	0.47	3627 C	0.16	0.31
O -P	0.50	3627 C	0.09	0.41
P -C	0.59	3481 C	0.18	0.41
C -Q	0.31	2800 C	0.05	0.26
Q -D	0.24	3084 C	0.06	0.18
Bottom Chords				
G -F	0.21	97 T	0.00	0.21
F -K	0.38	1590 T	0.26	0.12
K -J	0.61	3010 T	0.50	0.11
J -I	0.69	3481 T	0.58	0.11
I -E	0.54	2510 T	0.42	0.12
E -H	0.58	2746 T	0.46	0.12
H -D	0.60	2746 T	0.46	0.14
Webs				
G -A	0.16	1593 C	WindLd	
A -F	0.31	1712 T		
F -B	0.14	536 C		
B -K	0.31	1711 T		
K -N	0.21	822 C		
N -J	0.13	748 T		
J -O	0.10	392 C		
J -P	0.05	177 T		
I -P	0.13	519 C		
I -C	0.21	1169 T		
E -C	0.04	324 T		
E -Q	0.08	253 C		
H -Q	0.01	125 T		

TL Defl -0.54" in J -I L/900
LL Defl -0.26" in J -I L/999
Shear // Grain in P -C 0.28

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	5.0x 5.0	Ctr	Ctr	0.75
B	LOCK	5.0x 9.0	0.8	-3.5	0.93
N	LOCK	3.0x 7.0	Ctr	Ctr	0.44
O	LOCK	5.0x 5.0	Ctr	0.5	0.80
P	LOCK	3.0x 7.0	Ctr	Ctr	0.44
C	LOCK	5.0x 9.0	-0.8	-3.5	0.69
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.42
D	LOCK	4.0x 6.0	Ctr	0.1	0.74
G	LOCK	2.0x 4.0	Ctr	Ctr	0.56
F	LOCK	3.0x 7.0	Ctr	Ctr	0.56
K	LOCK	5.0x 7.0	Ctr	-0.5	0.80
J	LOCK	4.0x 8.0	Ctr	Ctr	0.45
I	LOCK	5.0x 7.0	Ctr	-0.5	0.80
E	LOCK	3.0x 7.0	Ctr	Ctr	0.47
H	LOCK	2.0x 4.0	Ctr	Ctr	0.48

REVIEWED BY:
Robbins Engineering, Inc.

PO Box 280055
Tampa, FL 33682

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 3627 Lbs
Quality Control Factor 1.25

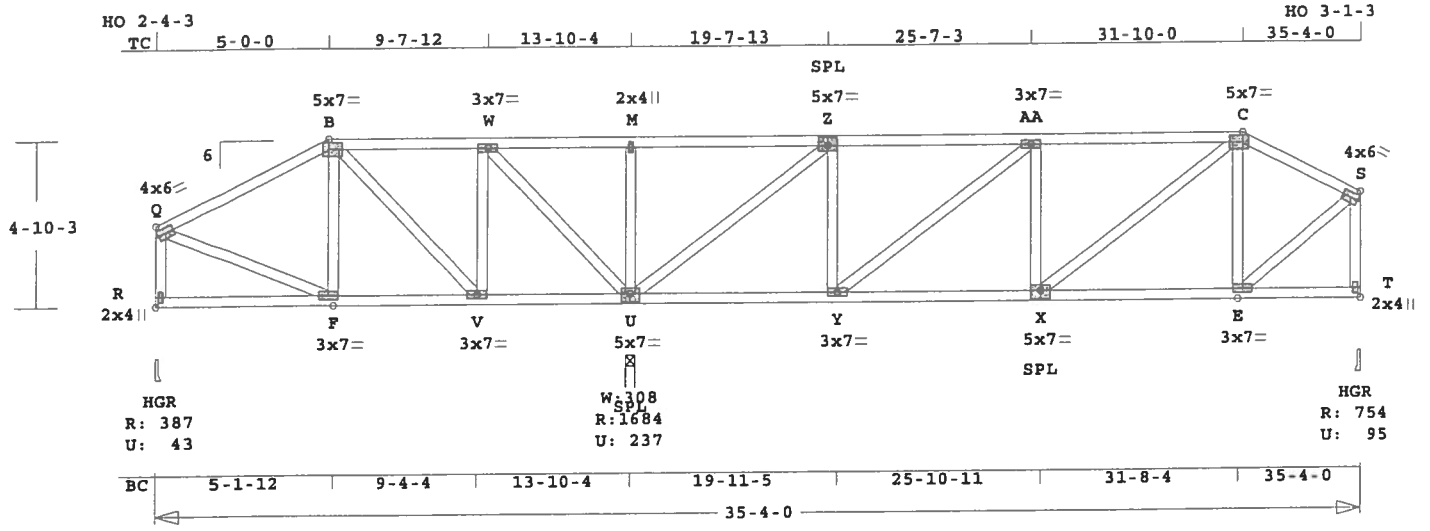
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

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

Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A18	1	HIPP	350400	6	0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 272.6 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.39	2x 4	SP-#2
BC	0.26	2x 4	SP-#2
WB	0.81	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 4- 0
BC Cont.	0- 0- 0	35- 4- 0

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
R	388	43	3- 8	1- 8
			Hz =	-110
U	1684	238	3- 8	1-13
T	754	96	3- 8	1- 8
			Hz =	126

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
Q -B	0.25	244 C	0.00	0.25	
B -W	0.15	51 T	0.00	0.15	
W -M	0.34	470 T	0.07	0.27	
M -Z	0.39	470 T	0.07	0.32	
Z -AA	0.33	479 C	0.00	0.33	
AA-C	0.33	809 C	0.00	0.33	
C -S	0.10	533 C	0.00	0.10	
Bottom Chords					
R -F	0.15	83 T	0.00	0.15	
F -V	0.17	222 T	0.02	0.15	
V -U	0.17	77 T	0.00	0.17	
U -Y	0.23	479 T	0.05	0.18	
Y -X	0.26	809 T	0.08	0.18	
X -E	0.23	489 T	0.05	0.18	
E -T	0.14	88 T	0.00	0.14	
Webs					
R -Q	0.03	344 C	WindLd		
Q -F	0.04	242 T			
F -B	0.02	143 T			
B -V	0.13	282 C			
V -W	0.05	300 T			
W -U	0.34	719 C			
U -M	0.08	320 C			
U -Z	0.81	1196 C			
Y -Z	0.06	425 T			
Y -AA	0.28	415 C			
X -AA	0.03	118 C			
X -C	0.07	400 T			
E -C	0.07	290 C			
E -S	0.11	623 T			
T -S	0.09	729 C	WindLd		

TL Defl -0.06" in X -E L/999
LL Defl -0.02" in R -F L/999
Shear // Grain in AA-C 0.25

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

Jt	Type	Plt Size	X	Y	JSI
Q	LOCK	4.0x 6.0	0.1	Ctr	0.74
B	LOCK	5.0x 7.0	-0.5	-0.1	0.94
W	LOCK	3.0x 7.0	Ctr	Ctr	0.46
M	LOCK	2.0x 4.0	Ctr	Ctr	0.45
Z	LOCK	5.0x 7.0	Ctr	0.5	0.74
AA	LOCK	3.0x 7.0	Ctr	Ctr	0.43
C	LOCK	5.0x 7.0	0.5	-0.1	0.94
S	LOCK	4.0x 6.0	-0.1	Ctr	0.74
R	LOCK	2.0x 4.0	Ctr	Ctr	0.49
F	LOCK	3.0x 7.0	Ctr	Ctr	0.47
V	LOCK	3.0x 7.0	Ctr	Ctr	0.46
U	LOCK	5.0x 7.0	Ctr	-0.5	0.74
Y	LOCK	3.0x 7.0	Ctr	Ctr	0.43
X	LOCK	5.0x 7.0	Ctr	-0.5	0.74
E	LOCK	3.0x 7.0	Ctr	Ctr	0.44
T	LOCK	2.0x 4.0	Ctr	Ctr	0.49

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
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 1196 Lbs
Quality Control Factor 1.25

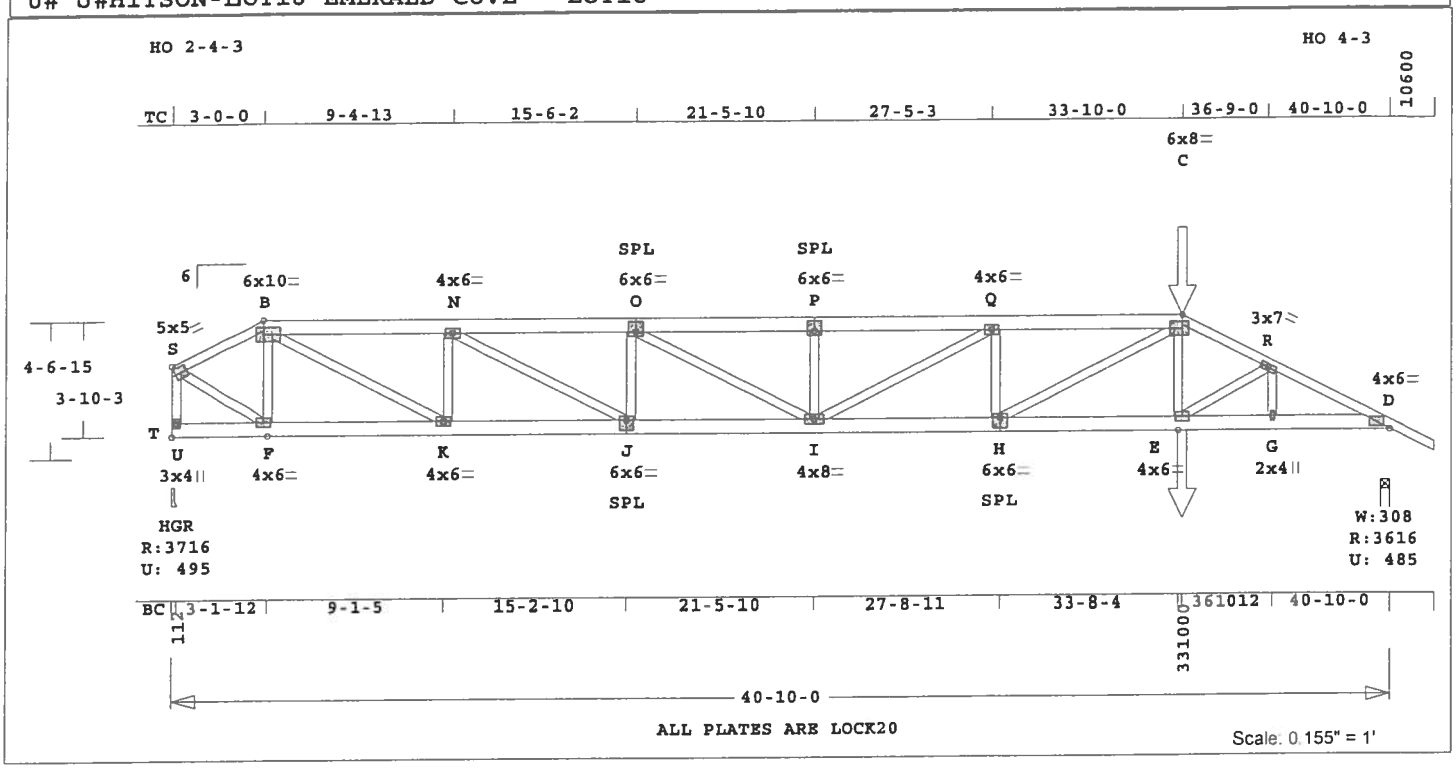
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

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

Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A19	1*2P	HIPP	401000	6	0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 341.3 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.34	2x 6	SP-#2
EX S -B		2x 4	SP-#2
EX C -D		2x 4	SP-#2
BC	0.80	2x 6	SP-#2
WB	0.49	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	40-10- 0
BC Cont.		0- 0- 0	40-10- 0

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

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

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

plf -	Live	Dead	From	To	
TC V	40	20	0.0'	40.8'	
BC V	0	20	0.0'	40.8'	
BC V	50	50	0.0'	3.0'	
TC V	50	25	3.0'	33.8'	
BC V	0	25	3.0'	33.8'	
BC V	174	174	33.8'	CL-LB	
TC V	120	120	33.8'	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
U	3717	496	3- 8	2- 3
		Hz =	-99	
D	3616	485	3- 8	2- 2
		Hz =	62	

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
S -B	0.17	3315 C	0.02	0.15
B -N	0.28	7754 C	0.05	0.23
N -O	0.33	10514 C	0.12	0.21
O -P	0.33	11207 C	0.13	0.20
P -Q	0.31	11207 C	0.13	0.18
Q -C	0.34	9997 C	0.10	0.24
C -R	0.35	7211 C	0.10	0.25
R -D	0.26	7169 C	0.12	0.14
--------Bottom Chords--------				
U -F	0.13	73 T	0.00	0.13
F -K	0.33	3001 T	0.20	0.13
K -J	0.62	7753 T	0.51	0.11
J -I	0.80	10514 T	0.70	0.10
I -H	0.76	9996 T	0.66	0.10
H -E	0.51	6477 T	0.43	0.08
E -G	0.57	6391 T	0.42	0.15
G -D	0.57	6391 T	0.42	0.15
------------Webs------------				
U -S	0.17	3605 C	WindLd	
S -F	0.32	3556 T		
F -B	0.07	1550 C		
B -K	0.49	5365 T		
K -N	0.11	2278 C		
N -J	0.29	3157 T		
J -O	0.06	1238 C		
O -I	0.07	792 T		
I -P	0.03	797 C		
I -Q	0.12	1384 T		
H -Q	0.07	1561 C		
H -C	0.36	3973 T		
E -C	0.05	646 T		
E -R	0.01	123 T		
G -R	0.00	125 C		

TL Defl -0.68" in J -I L/713
LL Defl -0.33" in J -I L/999
Shear // Grain in Q -C 0.19

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

Jt	Type	Plt Size	X	Y	JSI
S	LOCK	5.0x 5.0	Ctr	Ctr	0.75
B	LOCK	6.0x10.0	Ctr	Ctr	0.90
N	LOCK	4.0x 6.0	Ctr	Ctr	0.46
O	LOCK	6.0x 6.0	Ctr	1.2	0.64
P	LOCK	6.0x 6.0	Ctr	1.2	0.64
Q	LOCK	4.0x 6.0	Ctr	Ctr	0.44
C	LOCK	6.0x 8.0	0.5	Ctr	0.96
R	LOCK	3.0x 7.0	Ctr	Ctr	0.42
D	LOCK	4.0x 6.0	Ctr	Ctr	0.80
U	LOCK	3.0x 4.0	Ctr	Ctr	0.92
F	LOCK	4.0x 6.0	Ctr	Ctr	0.53
K	LOCK	4.0x 6.0	Ctr	Ctr	0.78
J	LOCK	6.0x 6.0	Ctr	-1.2	0.91
I	LOCK	4.0x 8.0	Ctr	Ctr	0.48
H	LOCK	6.0x 6.0	Ctr	-1.2	0.87
E	LOCK	4.0x 6.0	Ctr	Ctr	0.44
G	LOCK	2.0x 4.0	Ctr	Ctr	0.48

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

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

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

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

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main

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

Date Sealed: 4/20/2006

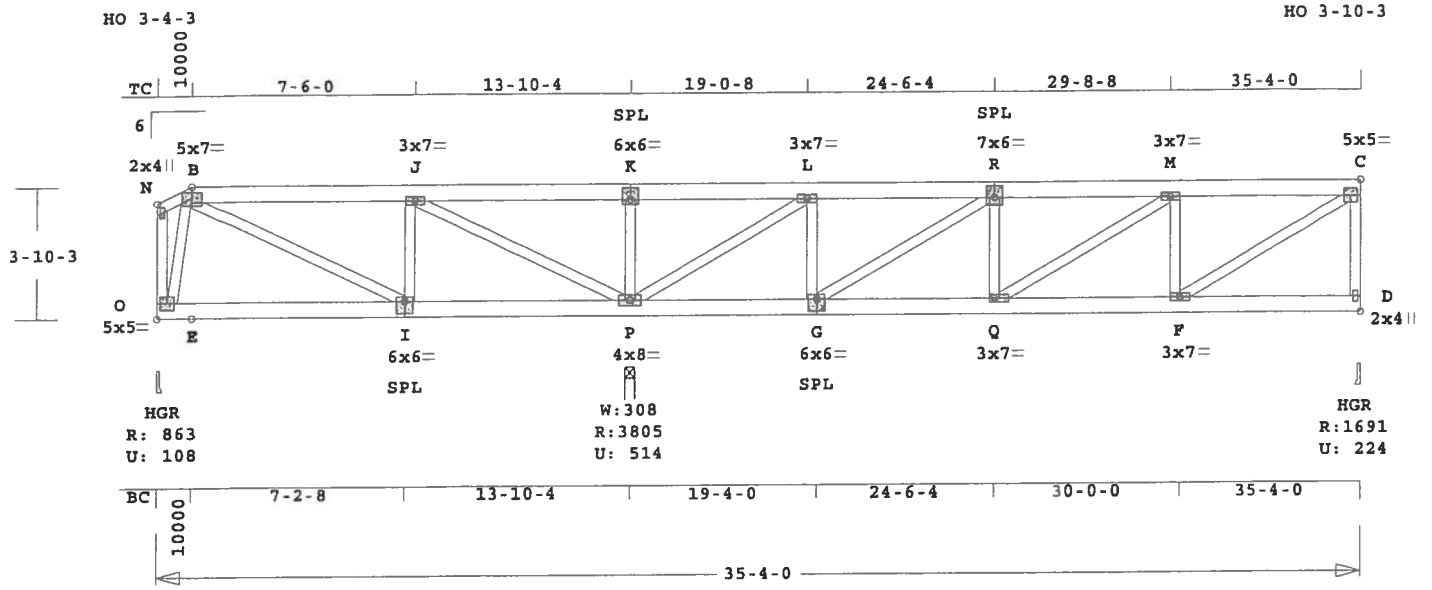
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A19	1*2P	HIPP	401000	6	0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18

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 11207 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	A20	1*2P	HHIP	350400	6	0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 314.0 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.34	2x 6	SP-#2
EX N -B		2x 4	SP-#2
BC	0.20	2x 6	SP-#2
WB	0.22	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	35- 4- 0
BC Cont.	0- 0- 0	35- 4- 0

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

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

plf -	Live	Dead	From	To
TC V	90	45	0.0'	35.3'
BC V	0	45	0.0'	35.3'

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
O	863	108	3- 8	1- 8
			Hz =	-101
P	3805	514	3- 8	2- 0
D	1691	225	3- 8	1- 8
			Hz =	115

Membr	CSI	P Lbs	Axl	CSI	Bnd
Top Chords					
N -B	0.01	46	C	0.00	0.01
B -J	0.24	588	C	0.00	0.24
J -K	0.34	1378	T	0.09	0.25
K -L	0.34	1378	T	0.09	0.25
L -R	0.13	1146	C	0.00	0.13
R -M	0.17	2312	C	0.00	0.17
M -C	0.17	1985	C	0.00	0.17
Bottom Chords					
O -I	0.17	170	T	0.00	0.17
I -P	0.19	588	T	0.02	0.17
P -G	0.20	1146	T	0.07	0.13
G -Q	0.20	2312	T	0.15	0.05
Q -F	0.17	1985	T	0.08	0.09
F -D	0.09	88	T	0.00	0.09
Webs					
O -N	0.01	54	C	WindLd	
O -B	0.03	683	C		
B -I	0.04	466	T		
I -J	0.03	497	T		
J -P	0.20	2218	C		
P -K	0.04	851	C		
P -L	0.22	2992	C		
G -L	0.08	998	T		
G -R	0.10	1381	C		
Q -R	0.02	317	T		
Q -M	0.03	388	T		
F -M	0.05	1005	C		
F -C	0.21	2352	T		
D -C	0.07	1578	C	WindLd	

TL Defl -0.06" in Q -F L/999
LL Defl -0.03" in Q -F L/999
Shear // Grain in B -J 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
N	LOCK	2.0x 4.0	Ctr	Ctr	0.49
B	LOCK	5.0x 7.0	Ctr	-0.3	0.67
J	LOCK	3.0x 7.0	Ctr	Ctr	0.45
K	LOCK	6.0x 6.0	Ctr	1.2	0.59
L	LOCK	3.0x 7.0	Ctr	Ctr	0.46
R	LOCK	7.0x 6.0	Ctr	0.8	0.59
M	LOCK	3.0x 7.0	Ctr	Ctr	0.42
C	LOCK	5.0x 5.0	Ctr	Ctr	0.75
O	LOCK	5.0x 5.0	Ctr	Ctr	0.75
I	LOCK	6.0x 6.0	Ctr	-1.2	0.59
P	LOCK	4.0x 8.0	Ctr	Ctr	0.53
G	LOCK	6.0x 6.0	Ctr	-1.2	0.59
Q	LOCK	3.0x 7.0	Ctr	Ctr	0.42
F	LOCK	3.0x 7.0	Ctr	Ctr	0.42
D	LOCK	2.0x 4.0	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.

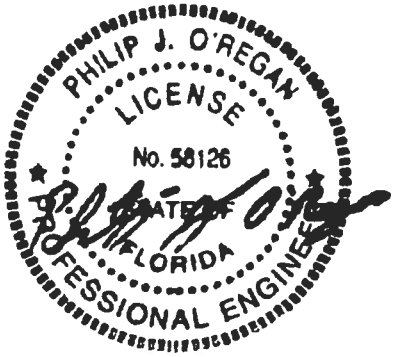
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.

Analysis Conforms To:
FBC2004
Girder Common
Loading TC and BC
Span 7- 0- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

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

Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
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 2992 Lbs
Quality Control Factor 1.25

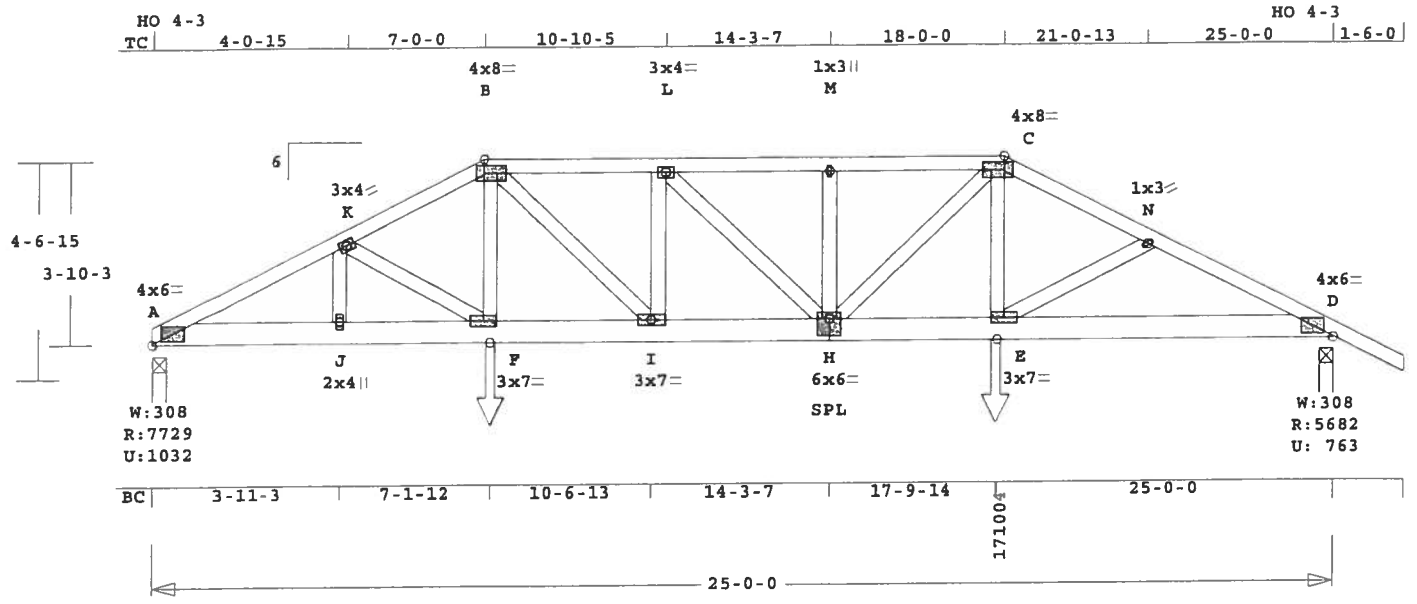
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	B1	1*4P	HIPP	250000	6	0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 189.9 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06
****
* 4-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.58	2x 6	SP-#2
WB	0.14	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	25- 0- 0
BC Cont.		0- 0- 0	25- 0- 0

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

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

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

plf -	Live	Dead	From	To
TC V	40	20	0.0'	25.0'
BC V	0	20	0.0'	25.0'
BC V	333	333	0.0'	3.0'
BC V	193	193	3.0'	17.0'
TC V	50	25	7.0'	18.0'
BC V	0	25	7.1'	17.9'
BC V	846	846	17.8'	CL-LB
BC V	280	280	7.1'	CL-LB
BC V	280	280	17.9'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	7730	1032	3- 8	2- 4
			Hz =	-66
D	5683	763	3- 8	1-11
			Hz =	67

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -K	0.22	13597 C	0.09 0.13
K -B	0.30	12007 C	0.06 0.24
B -L	0.18	12936 C	0.08 0.10
L -M	0.12	12868 C	0.07 0.05
M -C	0.18	12868 C	0.08 0.10
C -N	0.28	11760 C	0.05 0.23
N -D	0.19	11694 C	0.06 0.13

Bottom Chords				
A -J	0.58	12148 T	0.36	0.22
J -F	0.46	12148 T	0.36	0.10
F -I	0.42	10760 T	0.32	0.10
I -H	0.47	12936 T	0.39	0.08
H -E	0.45	10547 T	0.32	0.13
E -D	0.36	10397 T	0.31	0.05
Webs				
J -K	0.07	1621 T		
K -F	0.03	1519 C		
F -B	0.12	2797 T		
B -I	0.13	3003 T		
I -L	0.01	488 C		
L -H	0.00	94 C		
H -M	0.01	520 C		
H -C	0.14	3204 T		
E -C	0.11	2528 T		
E -N	0.01	352 T		

TL Defl -0.24" in I -H L/999
LL Defl -0.12" in I -H L/999
Shear // Grain in A -J 0.19

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.76
K	LOCK	3.0x 4.0	Ctr	Ctr	0.63
B	LOCK	4.0x 8.0	Ctr	Ctr	0.95
L	LOCK	3.0x 4.0	Ctr	Ctr	0.57
M	LOCK	1.0x 3.0	Ctr	Ctr	0.76
C	LOCK	4.0x 8.0	Ctr	Ctr	0.95
N	LOCK	1.0x 3.0	Ctr	Ctr	0.76
D	LOCK	4.0x 6.0	Ctr	Ctr	0.66
J	LOCK	2.0x 4.0	Ctr	Ctr	0.44
F	LOCK	3.0x 7.0	Ctr	Ctr	0.38
I	LOCK	3.0x 7.0	Ctr	Ctr	0.40
H	LOCK	6.0x 6.0	Ctr	-1.2	0.69
E	LOCK	3.0x 7.0	Ctr	Ctr	0.39

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
4 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS6 screws -OR- 16d nails as each layer is applied.)

	Rows	Nails	Screws	Bolts
		----Spacing (In)----		
TC	1	12	24	0
BC	2	9	14	21
WB	1	8	8	

No bolts in 2x4s or smaller.
Plus clusters of nails where shown.
Plus use 1/2 In (ASTM-A307) thru bolts at each panel point and on each side of splices in 2x6 or larger chords only.
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

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: 4/20/2006

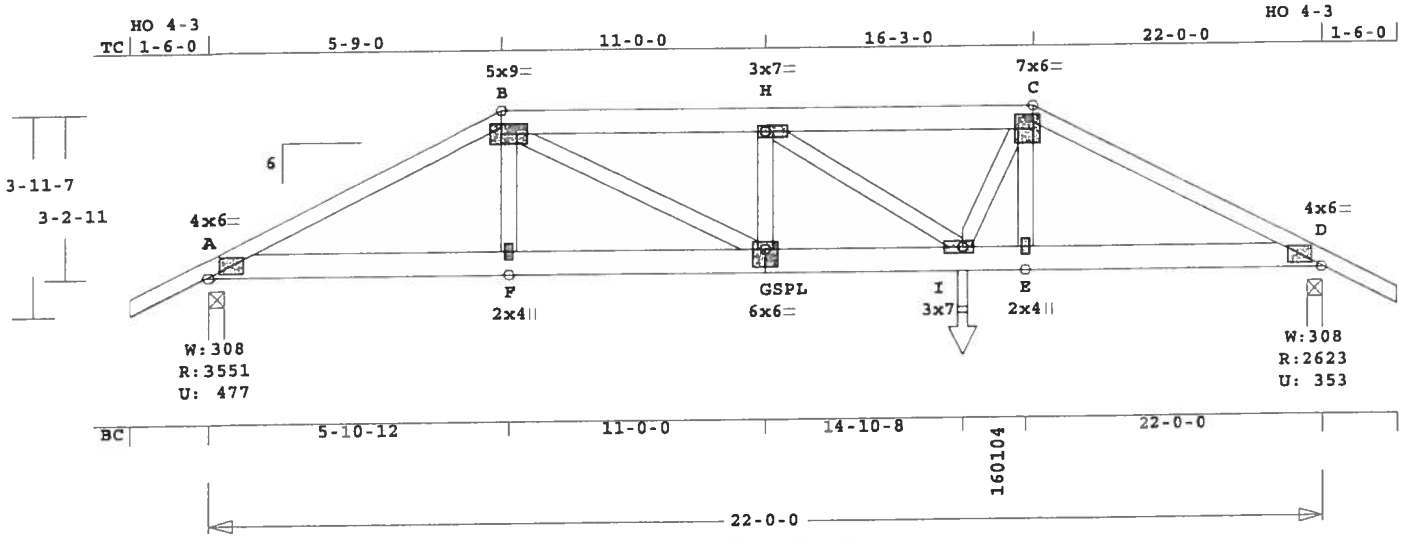
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	B1	1*4P	HIPP	250000	6	0	1- 6- 0	T06042081
U# J#HITSON-LOT18 EMERALD COVE - LOT18								

BC Dead Load : 5.0 psf
Max comp. force 13597 Lbs
Quality Control Factor 1.25

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	C1	1*2P	HIPP	220000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18

This truss is NOT symmetric.
Proper orientation is essential.



ALL PLATES ARE LOCK20

Scale 0.263" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 159.5 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.38	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.68	2x 6	SP-#2
WB	0.22	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.		0- 0- 0	22- 0- 0
BC Cont.		0- 0- 0	22- 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'	22.0'
BC V	0	20	0.0'	22.0'
BC V	120	120	0.0'	14.0'
BC V	432	432	14.9'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	3552	477	3- 8	2- 2
			Hz =	-52
D	2624	354	3- 8	1- 9
			Hz =	53

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -B	0.38	5804 C	0.06	0.32
B -H	0.18	6756 C	0.04	0.14
H -C	0.16	5565 C	0.02	0.14
C -D	0.31	5064 C	0.05	0.26
--------Bottom Chords---------				
A -F	0.68	5232 T	0.34	0.34
F -G	0.59	5164 T	0.34	0.25
G -I	0.63	6756 T	0.45	0.18
I -E	0.41	4563 T	0.30	0.11
E -D	0.41	4553 T	0.30	0.11
------------Webs------------				
F -B	0.13	1564 T		
B -G	0.16	1782 T		
G -H	0.04	539 T		
H -I	0.08	1458 C		
I -C	0.22	2467 T		
E -C	0.01	269 C		

TL Defl -0.21" in F -G L/999
LL Defl -0.10" in F -G L/999
Shear // Grain in A -F 0.32

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

Jt Type	Plt Size	X	Y	JSI
A LOCK	4.0x 6.0	Ctr	Ctr	0.65
B LOCK	5.0x 9.0	Ctr	Ctr	0.87
H LOCK	3.0x 7.0	Ctr	Ctr	0.35
C LOCK	7.0x 6.0	0.5	Ctr	0.97
D LOCK	4.0x 6.0	Ctr	Ctr	0.57
F LOCK	2.0x 4.0	Ctr	Ctr	0.84
G LOCK	6.0x 6.0	Ctr	-1.2	0.71
I LOCK	3.0x 7.0	-0.9	Ctr	0.74
E LOCK	2.0x 4.0	Ctr	Ctr	0.38

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

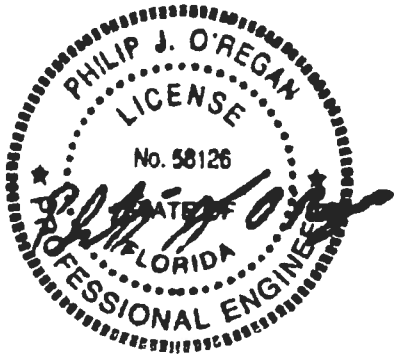
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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

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

Plus clusters of nails where shown.
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Prevent truss rotation at all bearing locations.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 6756 Lbs
Quality Control Factor 1.25

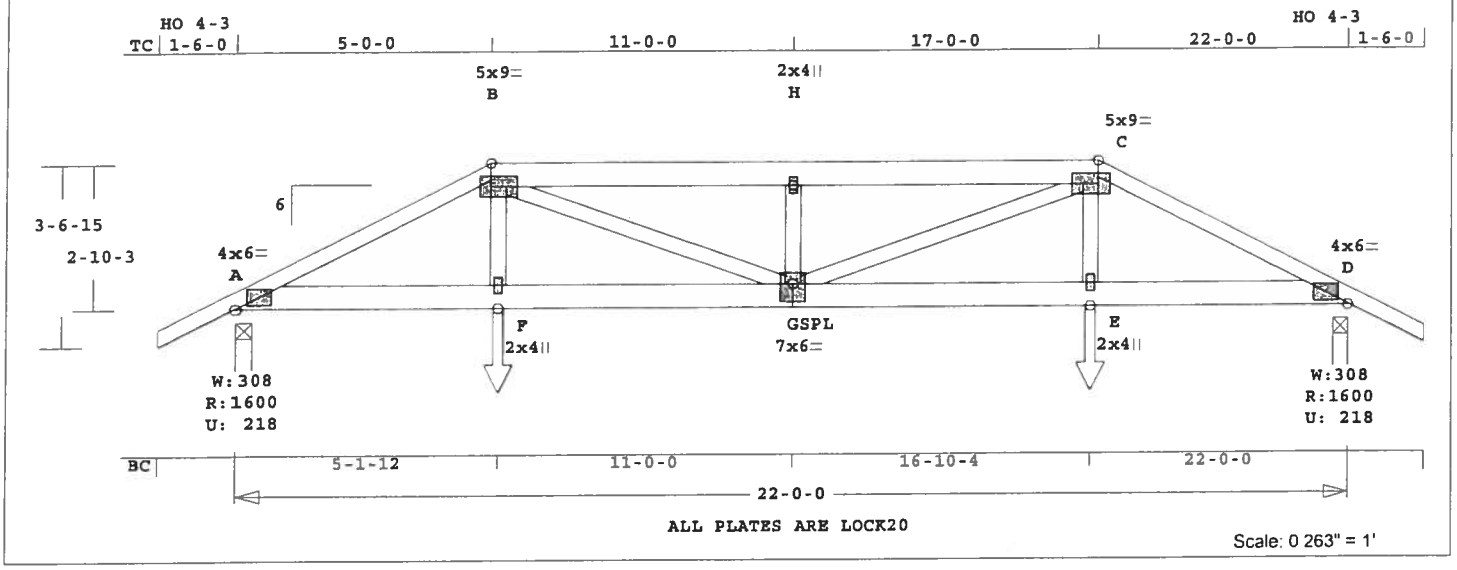
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	C2	1	HIPP	220000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 157.5 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

CSI	-Size-	----Lumber----
TC 0.34	2x 4	SP-#2
EX B -C	2x 6	SP-#2
BC 0.48	2x 6	SP-#2
WB 0.25	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	22- 0- 0
BC Cont.	0- 0- 0	22- 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'	22.0'
BC V	0	20	0.0'	22.0'
TC V	30	15	5.0'	17.0'
BC V	0	15	5.1'	16.9'
BC V	133	133	5.1'	CL-LB
BC V	133	133	16.9'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	1600	219	3- 8	1-14
			Hz =	-44
D	1600	219	3- 8	1-14
			Hz =	45

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.34	2903 C	0.06 0.28
B -H	0.38	3869 C	0.06 0.32
H -C	0.38	3869 C	0.06 0.32
C -D	0.34	2903 C	0.06 0.28
--------Bottom Chords---------			
A -F	0.42	2609 T	0.34 0.08
F -G	0.48	2585 T	0.34 0.14
G -E	0.48	2585 T	0.34 0.14
E -D	0.42	2609 T	0.34 0.08
------------Webs------------			
F -B	0.07	472 T	
B -G	0.25	1370 T	
G -H	0.07	718 C	
G -C	0.25	1370 T	
E -C	0.07	472 T	

TL Defl -0.23" in G -E L/999
LL Defl -0.11" in G -E L/999
Shear // Grain in B -H 0.29

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	4.0x 6.0	Ctr	Ctr	0.65
B	LOCK	5.0x 9.0	Ctr	Ctr	0.87
H	LOCK	2.0x 4.0	Ctr	Ctr	0.40
C	LOCK	5.0x 9.0	Ctr	Ctr	0.87
D	LOCK	4.0x 6.0	Ctr	Ctr	0.65
F	LOCK	2.0x 4.0	Ctr	Ctr	0.51
G	LOCK	7.0x 6.0	Ctr	-0.8	0.90
E	LOCK	2.0x 4.0	Ctr	Ctr	0.51

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

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

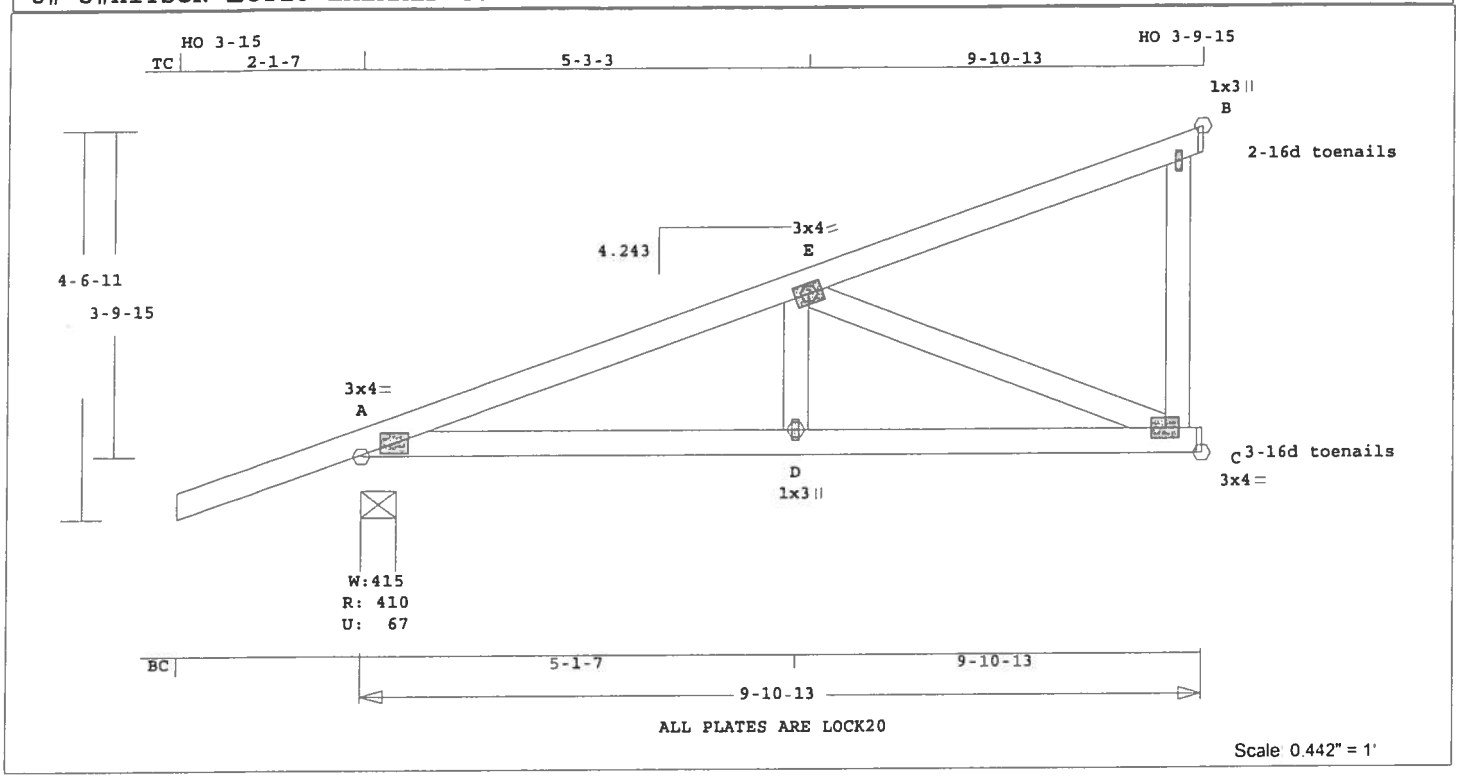
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance 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 3869 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	CJ1	3	MONO.DD	91013	4.243	2- 1- 7	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 60.5 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.36	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.19	2x 4	SP-#2

Brace truss as follows:

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

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	411	68	4-15	1- 8
			Hz =	-43
C	348	8	1- 8	1- 8
B	240	84	1- 8	1- 8
			Hz =	127

Membr	CSI	P Lbs	Axl-CSI-Bnd	
		Top Chords		
A -E	0.30	632 C	0.00	0.30
E -B	0.36	77 T	0.00	0.36
		Bottom Chords		
A -D	0.23	612 T	0.07	0.16
D -C	0.27	612 T	0.07	0.20
		Webs		
D -E	0.03	234 T		
E -C	0.19	661 C		
C -B	0.02	0 T	WindLd	

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

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.64
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

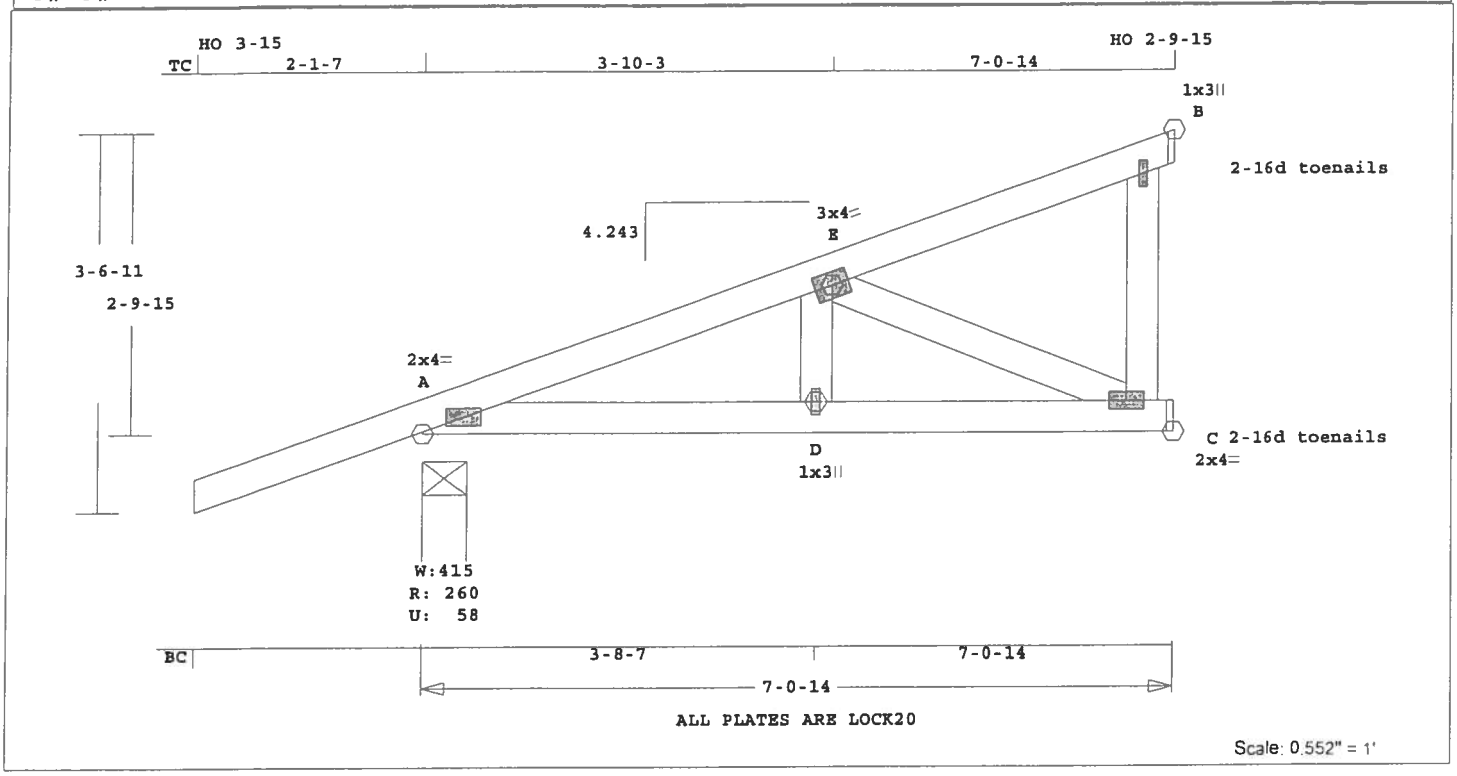
NOTES:

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 661 Lbs
Quality Control Factor 1.25

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

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	CJ2	4	MONO.DD	70014	4.243	2- 1- 7	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.8 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.11	2x 4	SP-#2
BC	0.09	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- 0-14
BC Cont.		0- 0- 0	7- 0-14

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

TC Fb=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

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

plf - Live	Dead	From	To
TC V 40	20	0.0'	7.1'
BC V 0	20	0.0'	7.1'
TC V -40	-20	0.0'	
17	8		7.1'
BC V 0	-20	0.0'	
0	8		7.1'

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	260	59	4-15	1- 8
			Hz =	-29
C	166	3	1- 8	1- 8
B	119	39	1- 8	1- 8
			Hz =	71

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -E	0.08	274 C	0.00	0.08
E -B	0.11	42 T	0.00	0.11
--------Bottom Chords---------				
A -D	0.07	265 T	0.03	0.04
D -C	0.09	265 T	0.03	0.06
-------------Webs-------------				
D -E	0.01	105 T		
E -C	0.04	289 C		
C -B	0.00	0 T	WindLd	

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

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	2.0x 4.0	Ctr	Ctr	0.77
E	LOCK	3.0x 4.0	Ctr	Ctr	0.40
B	LOCK	1.0x 3.0	Ctr	Ctr	0.75
D	LOCK	1.0x 3.0	Ctr	Ctr	0.75
C	LOCK	2.0x 4.0	Ctr	Ctr	0.75

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

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

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

NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 289 Lbs
Quality Control Factor 1.25

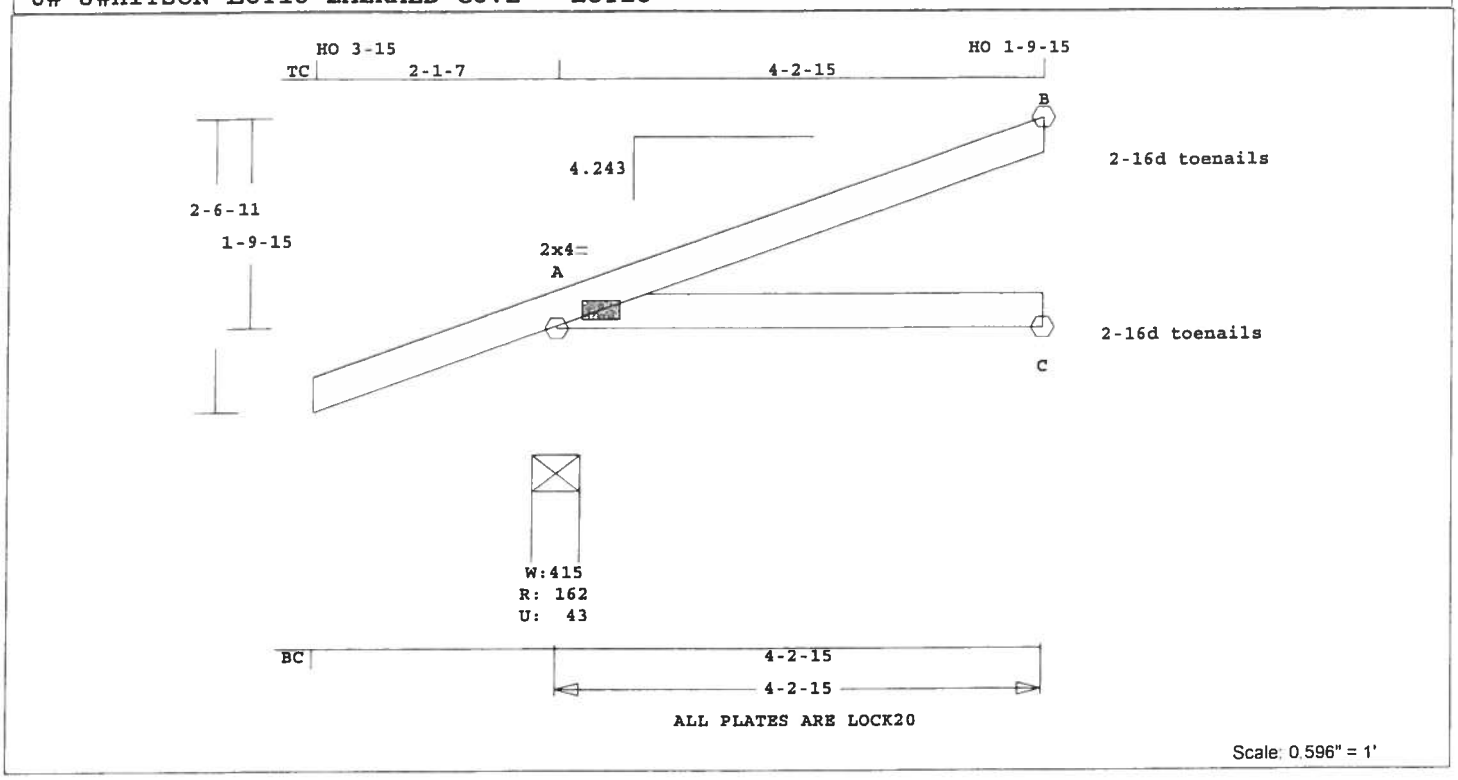
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

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

Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	CJ3	2	JCA2	40215	4.243	2- 1- 7	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 21.0 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

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

Brace truss as follows:

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

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

TC Fb=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

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

plf -	Live	Dead	From	To
TC V	40	20	0.0'	4.2'
BC V	0	20	0.0'	4.2'
TC V	-40	-20	0.0'	
	-12	-6		4.2'
BC V	0	-20	0.0'	
	0	-6		4.2'

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
A	163	44	4-15	1- 8
			Hz =	16
C	36	0	1- 8	1- 8
B	53	20	1- 8	1- 8

Membr CSI P Lbs Axl-CSI-Bnd

Top Chords					
A -B	0.07	8	C	0.00	0.07
Bottom Chords					
A -C	0.05	0	T	0.00	0.05

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.06

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

Jt	Type	Plt Size X	Y	JSI
A	LOCK	2.0x 4.0 Ctr	Ctr	0.72

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
Girder King Jack
Loading TC and BC

Setback 3- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
Zone location: Exterior
TC Dead Load : 5.0 psf
BC Dead Load : 5.0 psf
Max comp. force 8 Lbs
Quality Control Factor 1.25

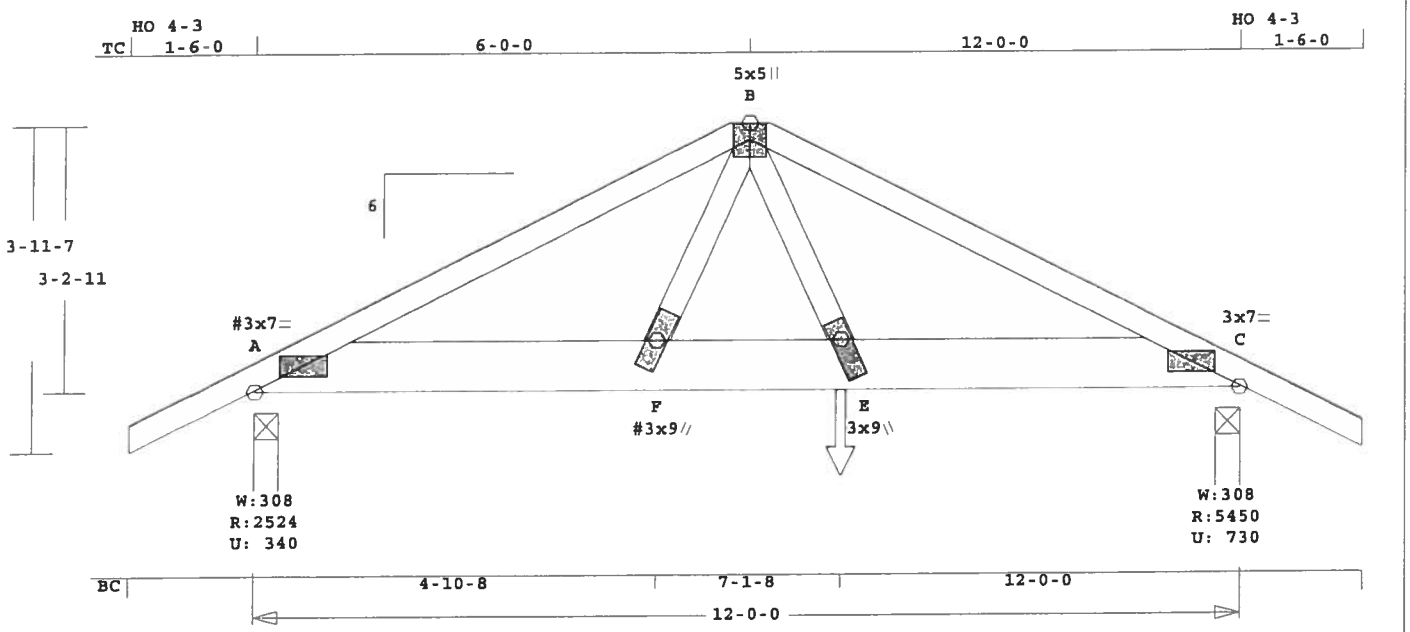
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

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

Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	D1	1*2P	TR	120000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 87.7 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.55	2x 4	SP-#2
BC	1.00	2x 8	SP-#2
WB	0.50	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	12- 0- 0
BC	Cont.	0- 0- 0	12- 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'	12.0'
BC V	0	20	0.0'	12.0'
BC V	388	388	8.0'	12.0'
BC V	1858	1858	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	2524	340	3- 8	1- 8
			Hz =	-49
C	5450	730	3- 8	3- 3
			Hz =	46

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.33	5068 C	0.07 0.26
B -C	0.55	7432 C	0.16 0.39
--------Bottom Chords---------			
A -F	0.36	4505 T	0.25 0.11
F -E	0.29	4340 T	0.24 0.05
E -C	1.00	6709 T	0.37 0.63
------------Webs------------			
F -B	0.03	411 T	
B -E	0.50	5458 T	

TL Defl -0.12" in E -C L/999
LL Defl -0.06" in E -C L/999
Shear // Grain in E -C 0.39

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

Jt Type	Plt Size	X	Y	JSI
A# LOCK	3.0x 7.0	Ctr	Ctr	0.80
B LOCK	5.0x 5.0	Ctr	-0.1	0.96
C LOCK	3.0x 7.0	Ctr	Ctr	0.95
F# LOCK	3.0x 9.0	Ctr	Ctr	0.25
E LOCK	3.0x 9.0	0.7	-1.4	0.68

= Plate Monitor used

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

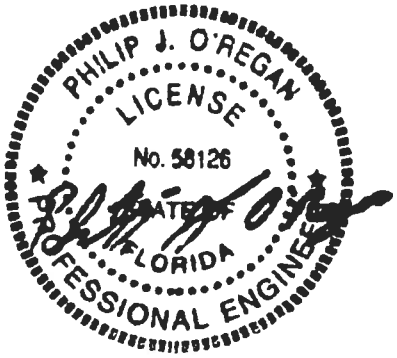
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

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

	----Spacing (In)----		
	Rows	Nails	Screws	Bolts
TC	1	12	24	0
BC	2	9.5	18	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.
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 7432 Lbs
Quality Control Factor 1.25

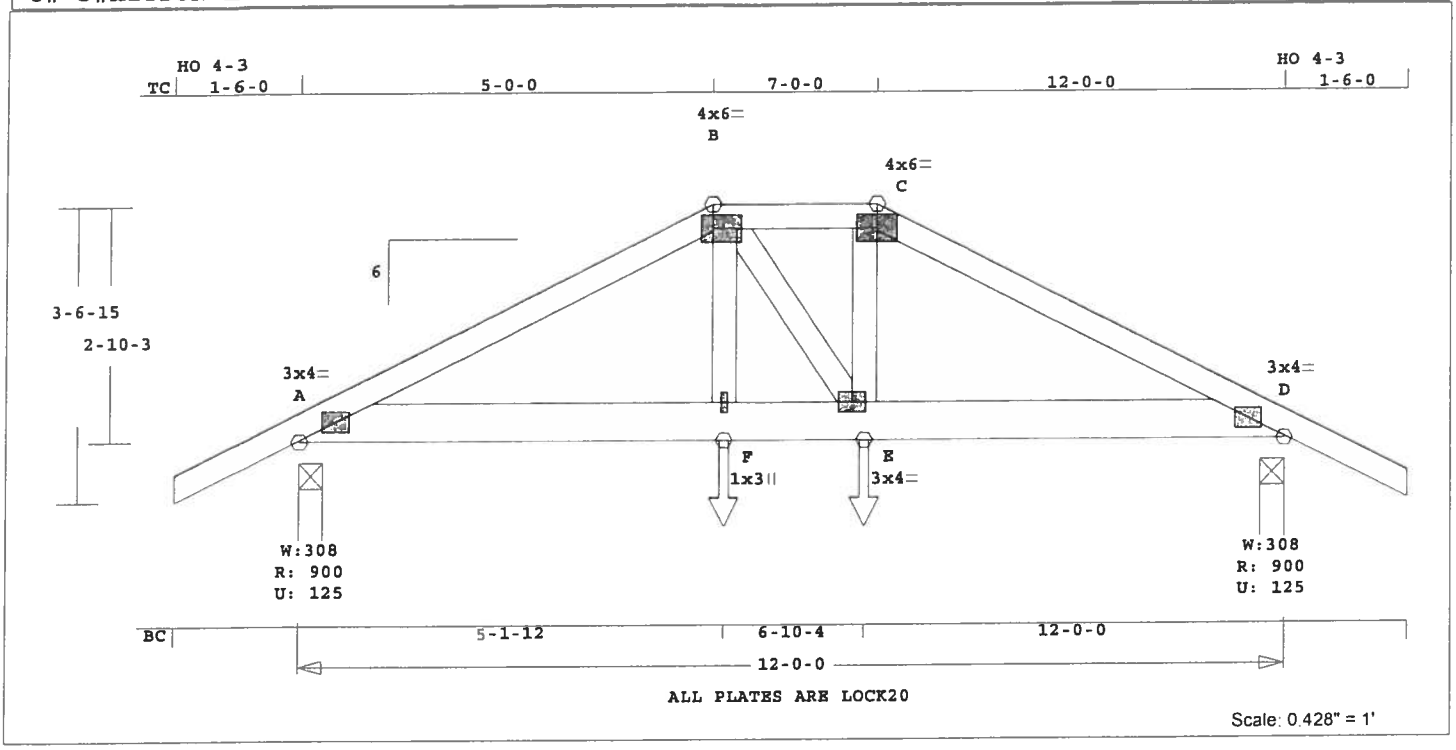
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	D2	1	HIPP	120000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 78.5 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.17	2x 4	SP-#2
BC	0.27	2x 6	SP-#2
WB	0.06	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	12- 0- 0
BC	Cont.	0- 0- 0	12- 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'	12.0'
BC V	0	20	0.0'	12.0'
TC V	30	15	5.0'	7.0'
BC V	0	15	5.1'	6.9'
BC V	133	133	5.1'	CL-LB
BC V	133	133	6.9'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	900	125	3- 8	1- 8
			Hz =	-40
D	900	125	3- 8	1- 8
			Hz =	40

Membr	CSI	P Lbs	Axl-CSI-Bnd	
Top Chords				
A -B	0.17	1352 C	0.01	0.16
B -C	0.05	1215 C	0.01	0.04
C -D	0.17	1356 C	0.01	0.16
Bottom Chords				
A -F	0.27	1212 T	0.16	0.11
F -E	0.17	1198 T	0.16	0.01
E -D	0.27	1215 T	0.16	0.11
Webs				
F -B	0.06	353 T		
B -E	0.00	59 T		
E -C	0.06	355 T		

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

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.73
B	LOCK	4.0x 6.0-0.5	Ctr	Ctr	0.71
C	LOCK	4.0x 6.0	Ctr	Ctr	0.71
D	LOCK	3.0x 4.0	Ctr	Ctr	0.73
F	LOCK	1.0x 3.0	Ctr	Ctr	0.76
E	LOCK	3.0x 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.

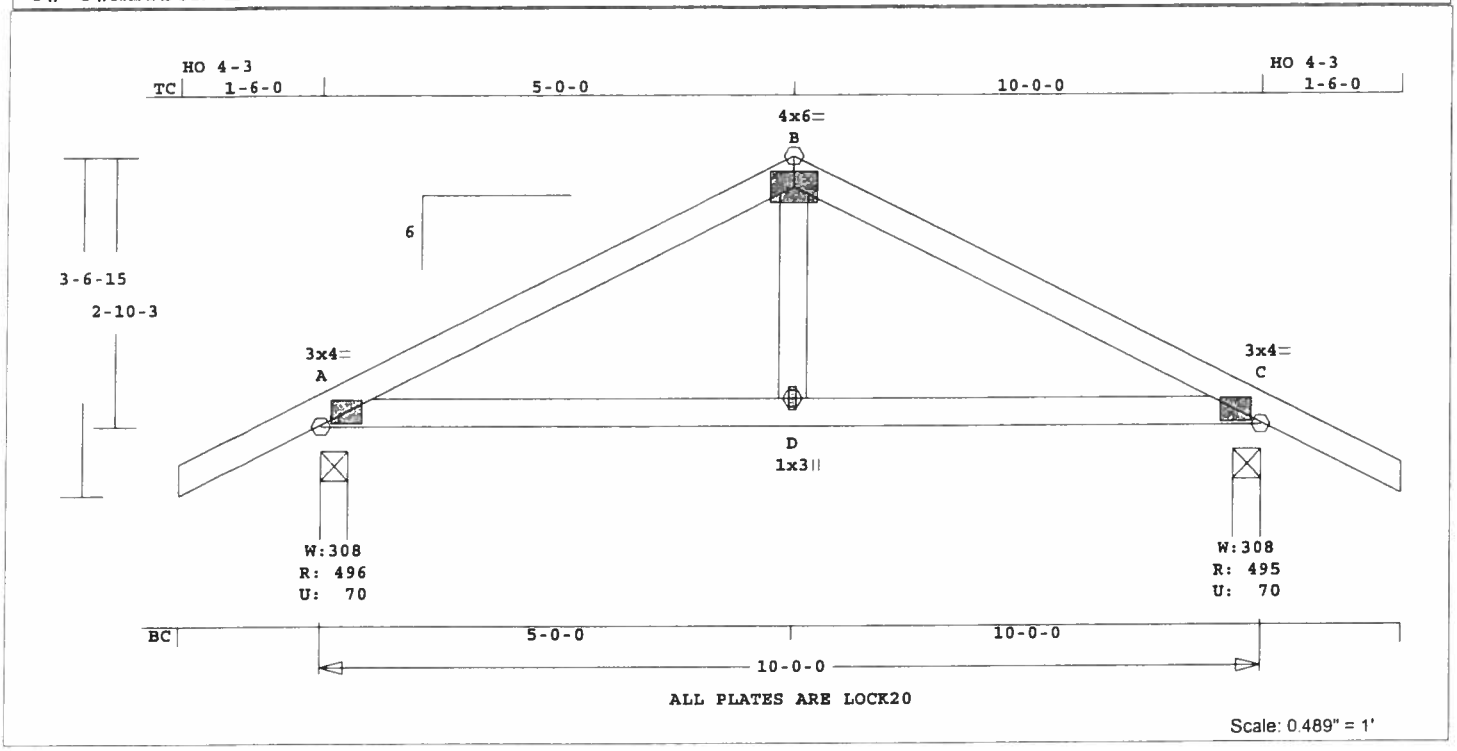
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 5- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 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 1356 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	E1	2	TR	100000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 51.1 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.16	2x 4	SP-#2
BC	0.20	2x 4	SP-#2
WB	0.03	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	10- 0- 0
BC Cont.	0- 0- 0	10- 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	496	70	3- 8	1- 8
			Hz =	-40
C	496	70	3- 8	1- 8
			Hz =	41

Membr	CSI	P Lbs	Axl	CSI	Bnd
----------Top Chords----------					
A -B	0.16	481	C	0.00	0.16
B -C	0.16	481	C	0.00	0.16
--------Bottom Chords---------					
A -D	0.20	432	T	0.07	0.13
D -C	0.20	432	T	0.07	0.13
------------Webs------------					
D -B	0.03	218	T		

TL Defl -0.02" in A -D L/999
LL Defl -0.01" in A -D L/999
Shear // Grain in A -B 0.16

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.60
B	LOCK	4.0x 6.0	Ctr	Ctr	0.43
C	LOCK	3.0x 4.0	Ctr	Ctr	0.60
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.

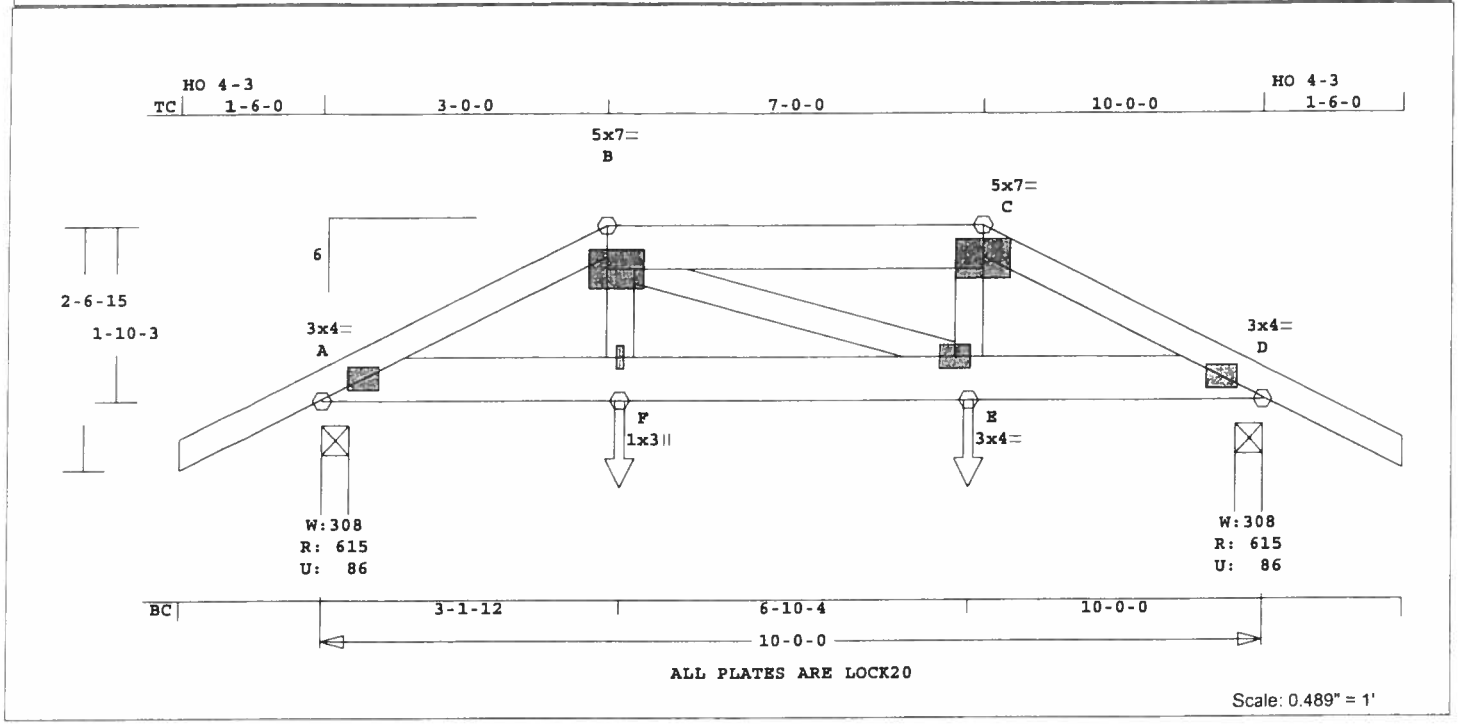
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 481 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	E2	1	HIPP	100000	6	1- 6- 0	1- 6- 0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 69.4 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.13	2x 4	SP-#2
EX B -C		2x 6	SP-#2
BC	0.19	2x 6	SP-#2
WB	0.03	2x 4	SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	10- 0- 0
BC Cont.	0- 0- 0	10- 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'	10.0'
BC V	0	20	0.0'	10.0'
TC V	10	5	3.0'	7.0'
BC V	0	5	3.1'	6.9'
BC V	40	40	3.1'	CL-LB
BC V	40	40	6.9'	CL-LB

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	615	86	3- 8	1- 8
			Hz =	-22
D	615	86	3- 8	1- 8
			Hz =	23

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
A -B	0.12	832 C	0.00	0.12
B -C	0.15	825 C	0.00	0.15
C -D	0.13	906 C	0.00	0.13
--------Bottom Chords---------				
A -F	0.18	761 T	0.10	0.08
F -E	0.19	749 T	0.10	0.09
E -D	0.12	825 T	0.11	0.01
-------------Webs-------------				
F -B	0.02	161 T		
B -E	0.01	79 T		
E -C	0.03	209 T		

TL Defl -0.04" in F -E L/999
LL Defl -0.02" in F -E L/999
Shear // Grain in A -B 0.12

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	3.0x 4.0	Ctr	Ctr	0.73
B	LOCK	5.0x 7.0-0.5	Ctr		0.74
C	LOCK	5.0x 7.0	Ctr-0.3		0.48
D	LOCK	3.0x 4.0	Ctr	Ctr	0.73
F	LOCK	1.0x 3.0	Ctr	Ctr	0.75
E	LOCK	3.0x 4.0	Ctr	Ctr	0.41

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

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

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

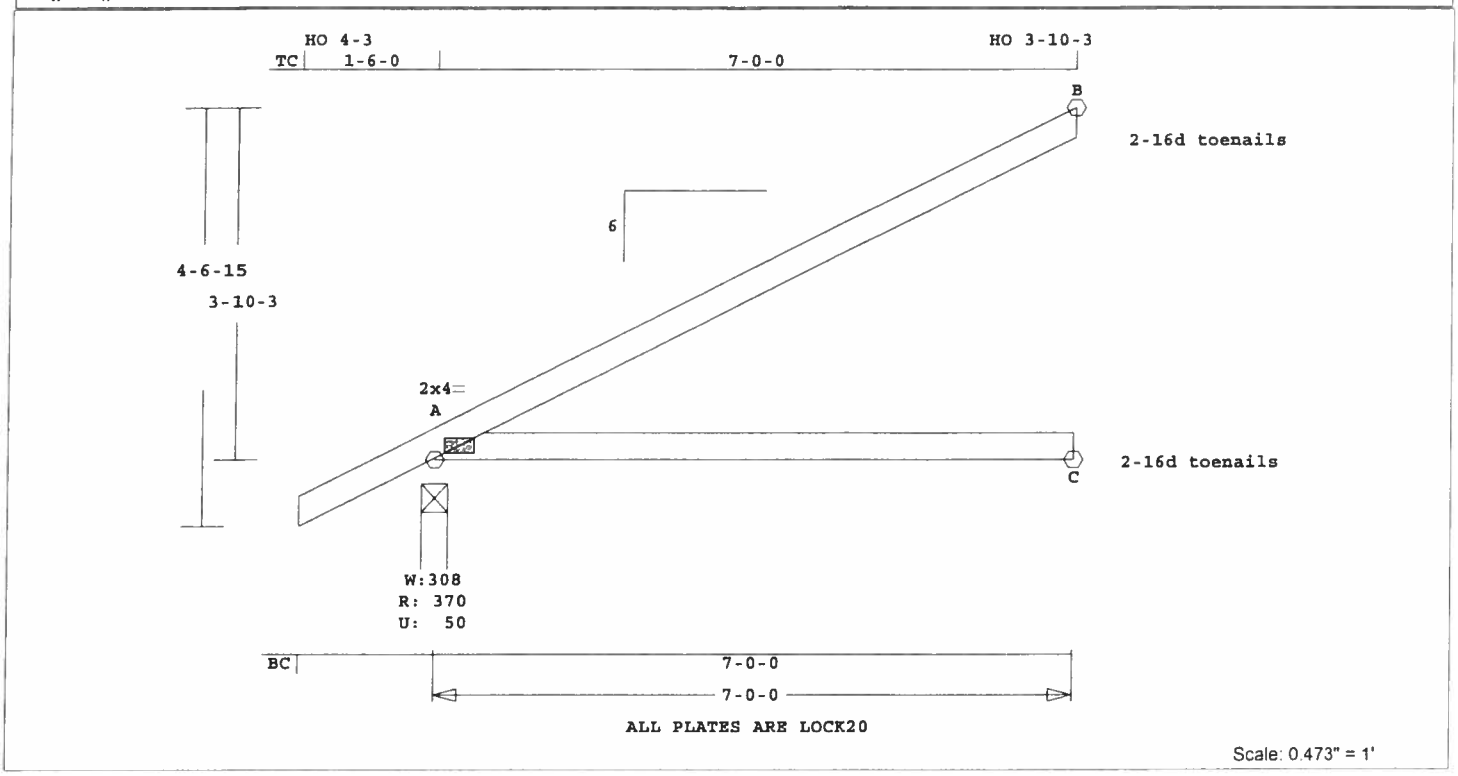
Analysis Conforms To:
FBC2004
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 3- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 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 906 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	J1	40	JCA2	70000	6	1- 6- 0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.5 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.50	2x 4	SP-#2
BC	0.36	2x 4	SP-#2

Brace truss as follows:

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	Size Req'd In-Sx
A	370	51	3- 8	1- 8
			Hz = 105	
C	128	0	1- 8	1- 8
B	183	79	1- 8	1- 8
			Hz = 72	

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.50	49	C 0.00 0.50
--------Bottom Chords---------			
A -C	0.36	0	T 0.00 0.36

TL Defl -0.19" in A -C L/419
LL Defl -0.08" in A -C L/999
Shear // Grain in A -B 0.23

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.69

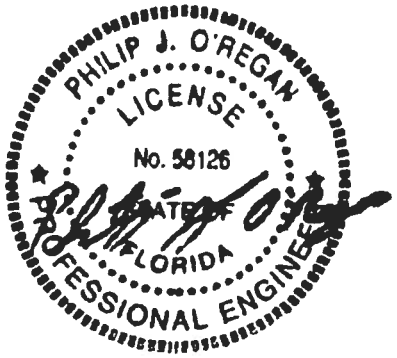
REVIEWED BY:
Robbins Engineering, Inc.
PO Box 280055
Tampa, FL 33682

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

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 49 Lbs
Quality Control Factor 1.25

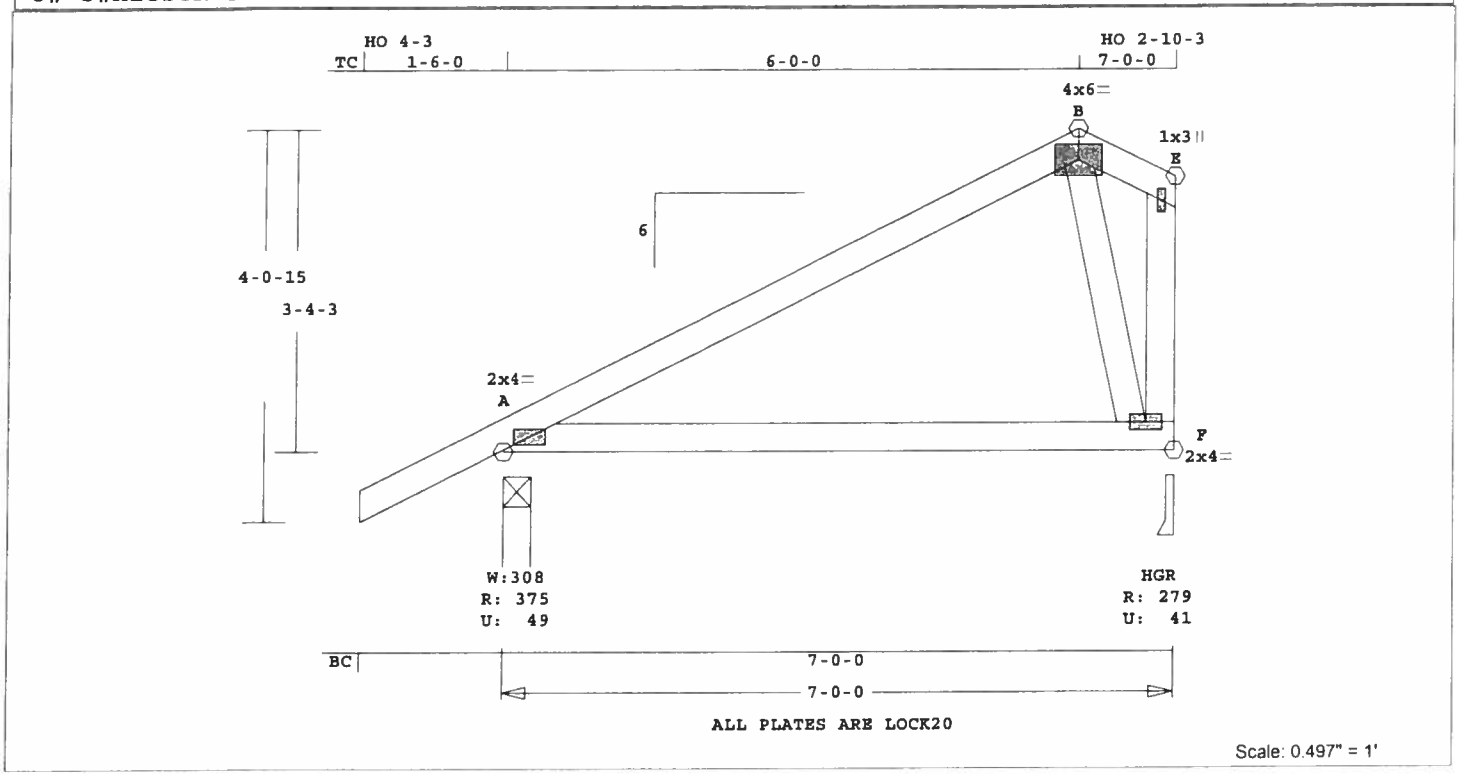
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682



Date Sealed: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	J1A	1	TR	70000	6	1- 6- 0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



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

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

	CSI	-Size-	----Lumber----
TC	0.31	2x 4	SP-#2
BC	0.28	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 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	376	50	3- 8	1- 8
			Hz =	-42
F	280	42	3- 8	1- 8
			Hz =	96

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.31	88 C	0.00 0.31
B -E	0.16	52 T	0.01 0.15
--------Bottom Chords---------			
A -F	0.28	86 T	0.00 0.28
------------Webs------------			
B -F	0.04	303 C	
F -E	0.01	86 T	WindLd

TL Defl -0.16" in A -F L/491
LL Defl -0.07" in A -F L/999
Shear // Grain in A -B 0.21

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.69
B	LOCK	4.0x 6.0	Ctr	Ctr	0.39
E	LOCK	1.0x 3.0	Ctr	Ctr	0.75
F	LOCK	2.0x 4.0	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.

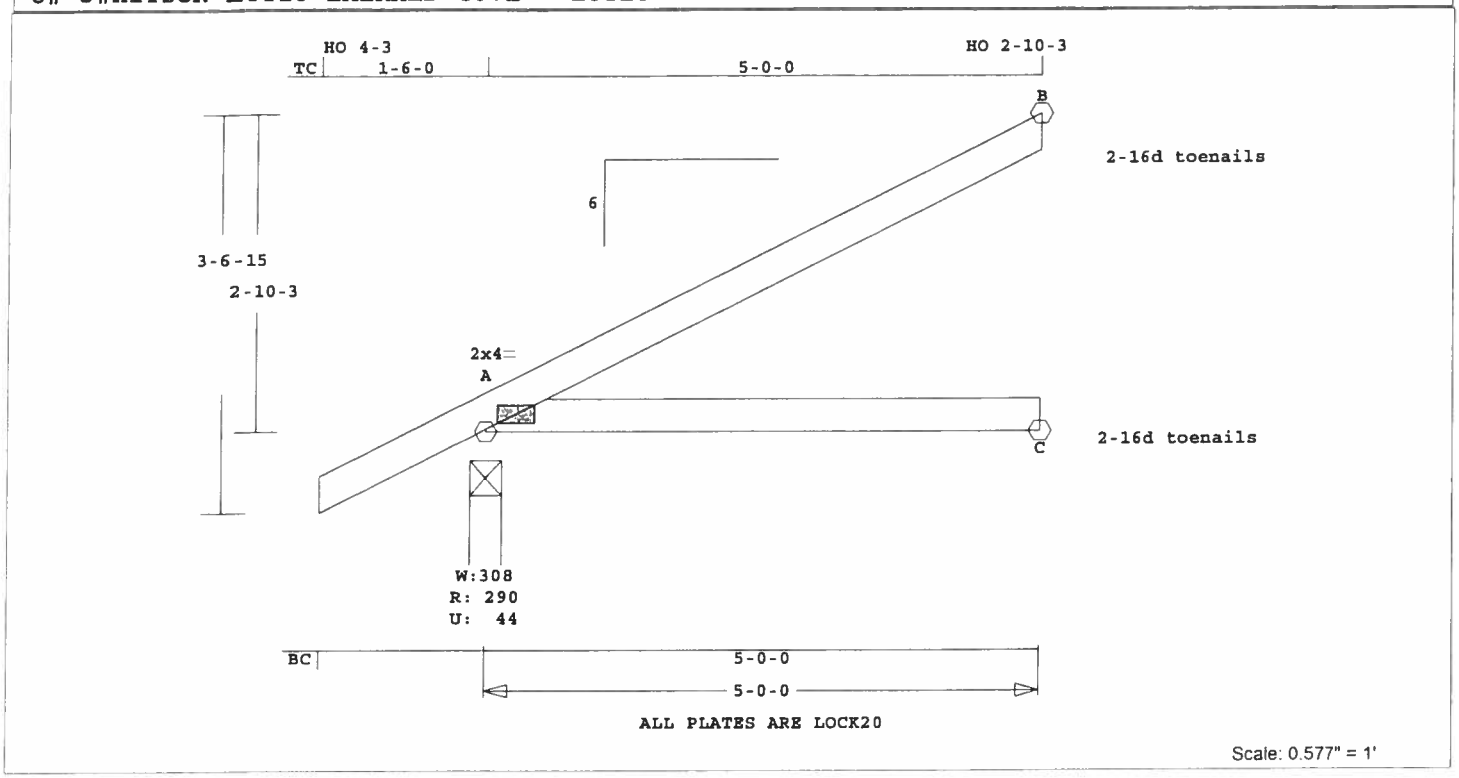
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 303 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	J2	15	JCA2	50000	6	1- 6- 0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.4 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

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

Brace truss as follows:

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	290	45	3- 8	1- 8
			Hz =	74
C	90	0	1- 8	1- 8
B	129	56	1- 8	1- 8
			Hz =	51

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.25	34 C	0.00 0.25
--------Bottom Chords---------			
A -C	0.18	0 T	0.00 0.18

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

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.65

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

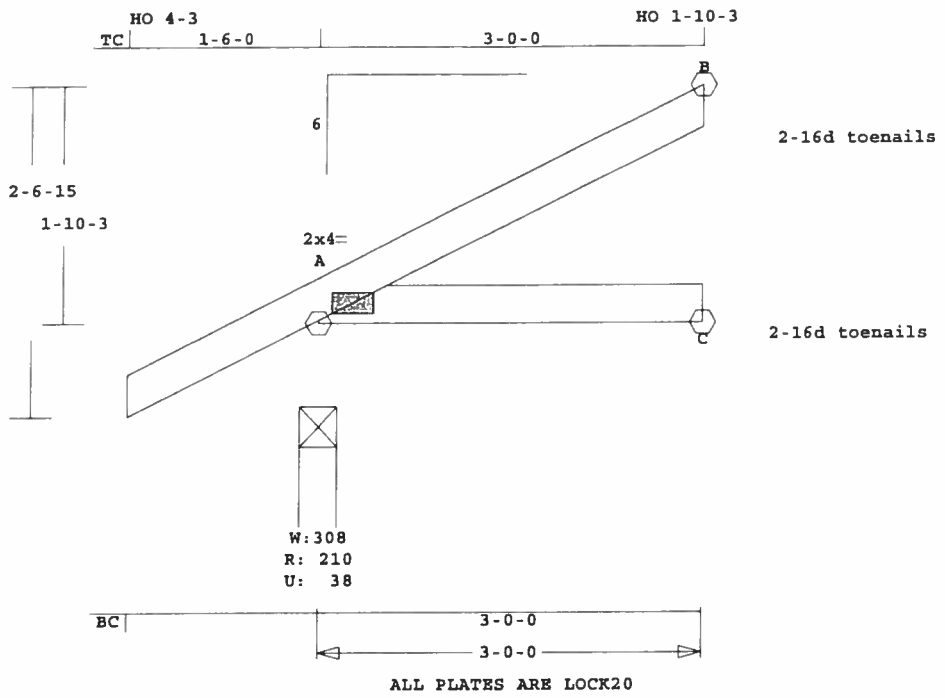
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 34 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	J3	17	JCA2	30000	6	1- 6- 0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



Scale: 0.665" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 15.4 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

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

Brace truss as follows:

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

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

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

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

Jt	React Lbs	Uplft Lbs	Size Req'd In-Sx	In-Sx
A	210	39	3- 8	1- 8
			Hz =	44
C	52	0	1- 8	1- 8
B	74	32	1- 8	1- 8
			Hz =	30

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.08	20 T	0.00 0.08
A -C	0.06	0 T	0.00 0.06
--------Bottom Chords---------			

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

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

Jt	Type	Plt Size	X	Y	JSI
A	LOCK	2.0x 4.0	Ctr	Ctr	0.65

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

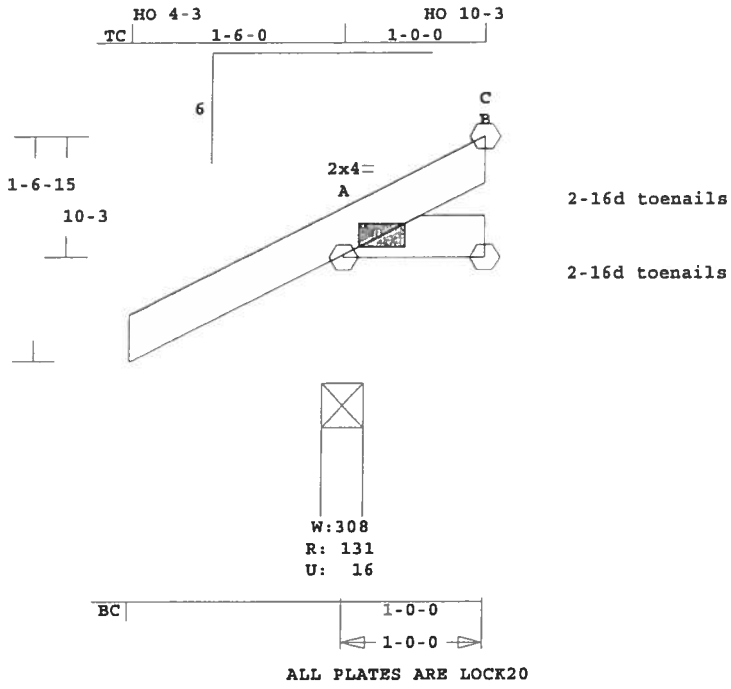
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2004
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-02
Truss is designed as a Main Wind-Force Resistance System.
Wind Speed: 110 mph
Mean Roof Height: 15-0
Exposure Category: 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 19 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: 4/20/2006

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
HITSON-LOT18	J4	18	JCA2	10000	6	1- 6- 0	0	T06042081

U# J#HITSON-LOT18 EMERALD COVE - LOT18



ALL PLATES ARE LOCK20

Scale: 0.736" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.4 LBS

Online Plus -- Version 19.1.012
RUN DATE: 19-APR-06

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

Brace truss as follows:

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

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

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

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	131	16	3- 8	1- 8
			Hz =	13
B	20	9	1- 8	1- 8
C	14	0	1- 8	1- 8

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.00	4	C
--------Bottom Chords---------			
A -C	0.00	8	T

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -B 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	2.0x 4.0	Ctr	Ctr	0.65

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

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

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 4 Lbs
Quality Control Factor 1.25

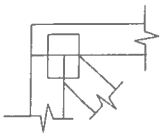
Truss Design Engineer: Philip J. O'Regan
License #: 58126
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 4/20/2006

ROBBINS ENG. GENERAL NOTES & SYMBOLS

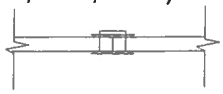
PLATE LOCATION

108



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.

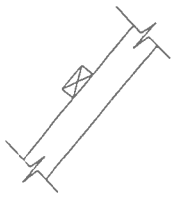
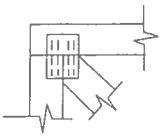


PLATE SIZE AND ORIENTATION

3x5



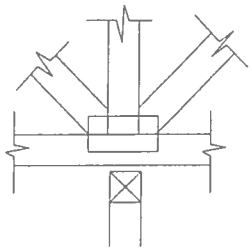
The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

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

6-08-08

708



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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