Customer: Capitol Truss
Contact: Michael Friedman. Brad
Job Reference: 02979, 16" SEALED SET - N/A

Customer ID: 2280
Job Number: T07080669

ROBBINS ENGINEERING, INC.	6904 Parke East Blvd. Tampa, FL 33610-4115 Phone: (813) 972-1135	Engineering Tracking Form 8/17/2007	Revision

Notes

Orginal Drawing Quantity:	0
Final Drawing Quantity:	19

Date In:	8/16/2007
Date Complete:	8/17/2007
Designer:	
PE:	PORegan

State Seal:	AL
Qty Flat:	2
Qty EMB:	0

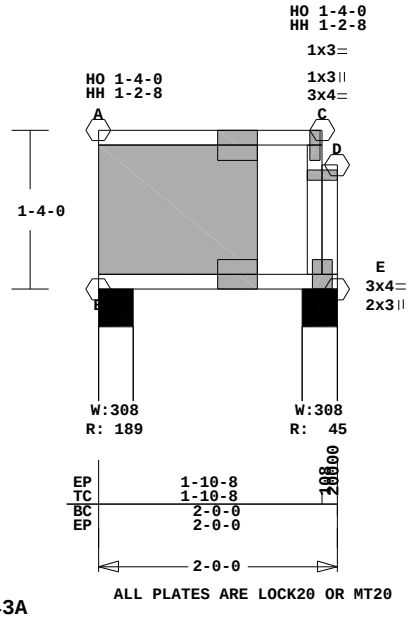
Fax:	
Overnight:	
Pick-up:	

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R2	1	M100	20000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

Scale: 0.703" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 21.4 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	-Size-	----Lumber----
TC	0.03	3x 2	SP-#2
BC	0.03	3x 2	SP-#2
WB	0.00	3x 2	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
B	190		
E	45		

Jt	Brg Size	Required
B	3.5"	1.5"
E	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	2.0'
BC V	10	0	0.0'	2.0'

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
C -C	0.03	0 T 0.00	0.03
--------Bottom Chords---------			
E -E	0.03	0 T 0.00	0.03
------------Webs------------			
E -C	0.00	32 C	

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

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
C	LOCK	3.0x 4.0-2.0	Ctr	0.60	
C	LOCK	1.0x 3.0 Ctr	Ctr	0.90	
C	LOCK	1.0x 3.0 Ctr	Ctr	0.00	
E	LOCK	3.0x 4.0-2.0	Ctr	0.60	
E	LOCK	2.0x 3.0 Ctr	Ctr	0.90	

Max comp. force 44 Lbs
Max tens. force 0 Lbs
Quality Control Factor 1.25

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

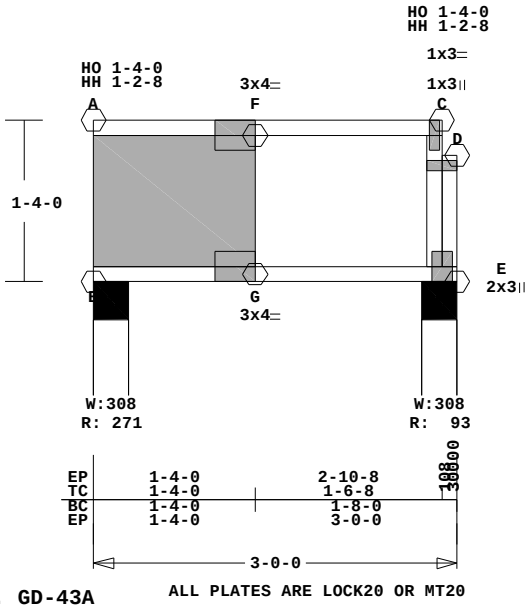
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R3	1	M100	30000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



ALL PLATES ARE LOCK20 OR MT20

Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

Scale: 0.718" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.2 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	-Size-	----Lumber----
TC	0.19	3x 2	SP-#2
BC	0.05	3x 2	SP-#2
WB	0.01	3x 2	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

psf-Ld	Dead	Live	
TC	10.0	40.0	
BC	5.0	0.0	
TC+BC	15.0	40.0	
Total	55.0	Spacing	24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
G	271		
E	94		

Jt	Brg Size	Required
G	3.5"	1.5"
E	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	20	100	0.0' 3.0'
BC V	10	0	0.0' 3.0'

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
F -C	0.19	0 T	0.00 0.19
--------Bottom Chords---------			
G -E	0.05	0 T	0.00 0.05
------------Webs------------			
E -C	0.01	80 C	

TL Defl 0.00" in G -E L/999
LL Defl 0.00" in G -E L/999
Shear // Grain in F -C 0.23

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
F	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
C	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	1.0x 3.0	Ctr	Ctr	0.00
G	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
E	LOCK	2.0x 3.0	Ctr	Ctr	0.90

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.

Max comp. force 166 Lbs
Max tens. force 0 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

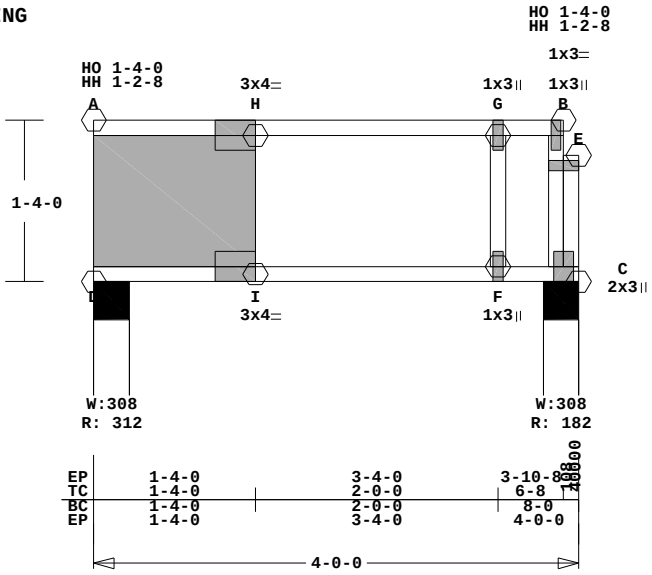
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R4	1	M100	40000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



ALL PLATES ARE LOCK20 OR MT20

Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

Scale: 0.718" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 28.6 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.30	3x 2	SP-#2
BC	0.22	3x 2	SP-#2
WB	0.25	3x 2	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
I	312		
C	182		

Jt	Brg Size	Required
I	3.5"	1.5"
C	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	4.0'
BC V	10	0	0.0'	4.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
H -G	0.30	76 C	0.00 0.30
G -B	0.15	34 C	0.00 0.15
Bottom Chords			
I -F	0.10	76 T	0.02 0.08
F -C	0.22	34 T	0.01 0.21
Webs			
F -G	0.25	99 C	0.00 0.25
C -B	0.18	75 C	0.00 0.18

TL Defl -0.01" in I -F L/999
LL Defl -0.01" in I -F L/999
Shear // Grain in H -G 0.29

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
H	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
G	LOCK	1.0x 3.0	Ctr	Ctr	0.90
B	LOCK	1.0x 3.0	Ctr	Ctr	0.90
B	LOCK	1.0x 3.0	Ctr	Ctr	0.00
I	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
F	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	2.0x 3.0	Ctr	Ctr	0.90

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 251 Lbs
Max tens. force 76 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

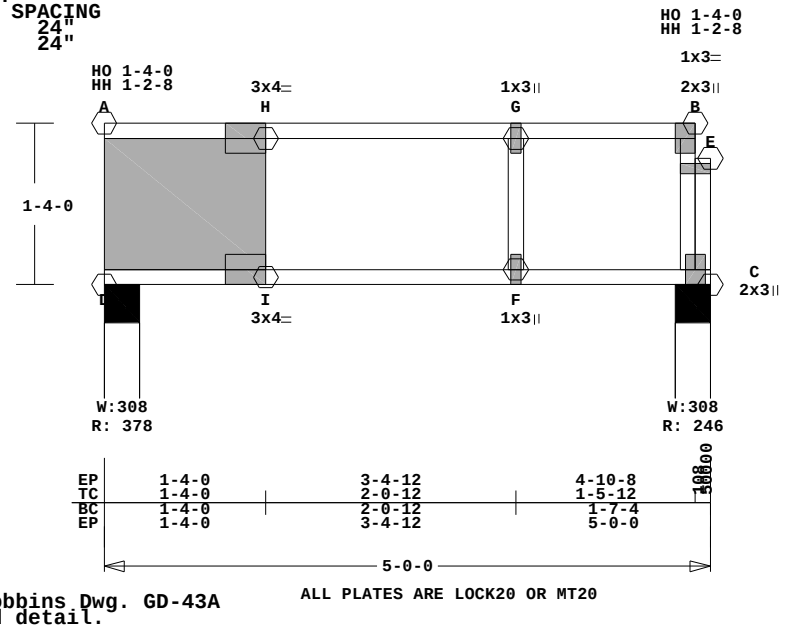
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R5	1	M100	50000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



ALL PLATES ARE LOCK20 OR MT20

Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

Scale: 0.718" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 31.4 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.52	3x 2	SP-#2
BC	0.53	3x 2	SP-#2
WB	0.52	3x 2	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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
I	379		
C	246		

Jt	Brg Size	Required
I	3.5"	1.5"
C	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	5.0'
BC V	10	0	0.0'	5.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
H -G	0.52	140 C	0.00 0.52
G -B	0.45	97 C	0.00 0.45
Bottom Chords			
I -F	0.41	140 T	0.04 0.37
F -C	0.53	97 T	0.02 0.51
Webs			
F -G	0.25	112 C	0.00 0.25
C -B	0.52	150 C	0.00 0.52

TL Defl -0.06" in I -F L/856
LL Defl -0.05" in I -F L/999
Shear // Grain in H -G 0.36

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
H	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
G	LOCK	1.0x 3.0	Ctr	Ctr	0.90
B	LOCK	2.0x 3.0-0.2	Ctr	Ctr	0.60
B	LOCK	1.0x 3.0	Ctr	Ctr	0.00
I	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
F	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	2.0x 3.0	Ctr	Ctr	0.90

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 362 Lbs
Max tens. force 140 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

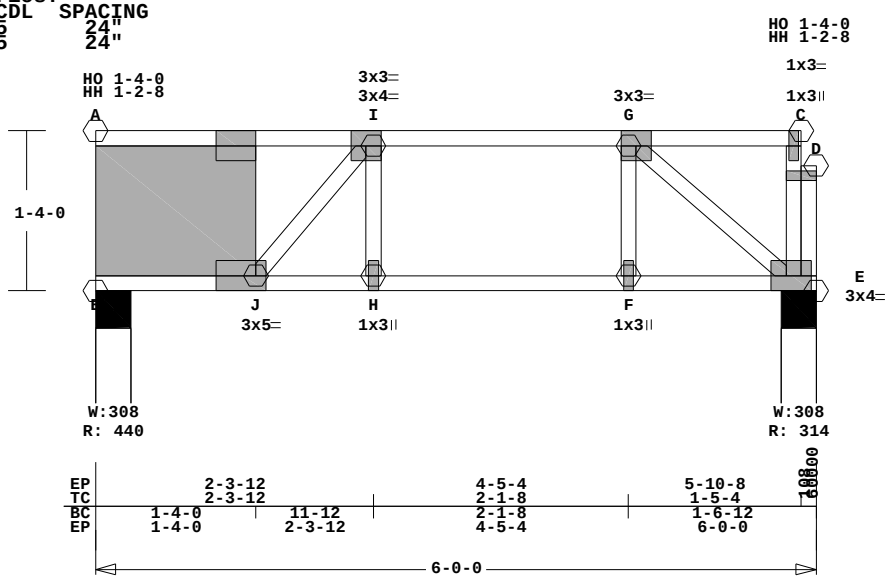
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R6	1	M100	60000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.718" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 40.1 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	-Size-	----Lumber----
TC	0.28	3x 2	SP-#2
BC	0.14	3x 2	SP-#2
WB	0.06	3x 2	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0

Total 55.0 Spacing 24.0"
Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
J	440		
E	314		

Jt	Brg Size	Required
J	3.5"	1.5"
E	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	6.0'
BC V	10	0	0.0'	6.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
I -I	0.28	68 C	0.00 0.28
I -G	0.28	283 C	0.00 0.28
G -C	0.26	0 T	0.00 0.26
Bottom Chords			
J -H	0.14	283 T	0.06 0.08
H -F	0.14	283 T	0.06 0.08
F -E	0.11	283 T	0.05 0.06
Webs			
J -I	0.05	328 C	
H -I	0.01	36 T	
F -G	0.00	28 T	
G -E	0.06	376 C	
E -C	0.00	56 C	

TL Defl -0.01" in H -F L/999
LL Defl -0.01" in H -F L/999
Shear // Grain in I -G 0.29

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
I	LOCK	3.0x 4.0-2.0	Ctr	0.60	
I	LOCK	3.0x 3.0	Ctr	Ctr	0.60
G	LOCK	3.0x 3.0	Ctr	Ctr	0.60
C	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	1.0x 3.0	Ctr	Ctr	0.00
J	LOCK	3.0x 5.0-1.5	Ctr	0.60	
H	LOCK	1.0x 3.0	Ctr	Ctr	0.90
F	LOCK	1.0x 3.0	Ctr	Ctr	0.90
E	LOCK	3.0x 4.0	0.5	Ctr	0.60

REVIEWED BY:
Robbins Engineering, Inc.

6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 376 Lbs
Max tens. force 283 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

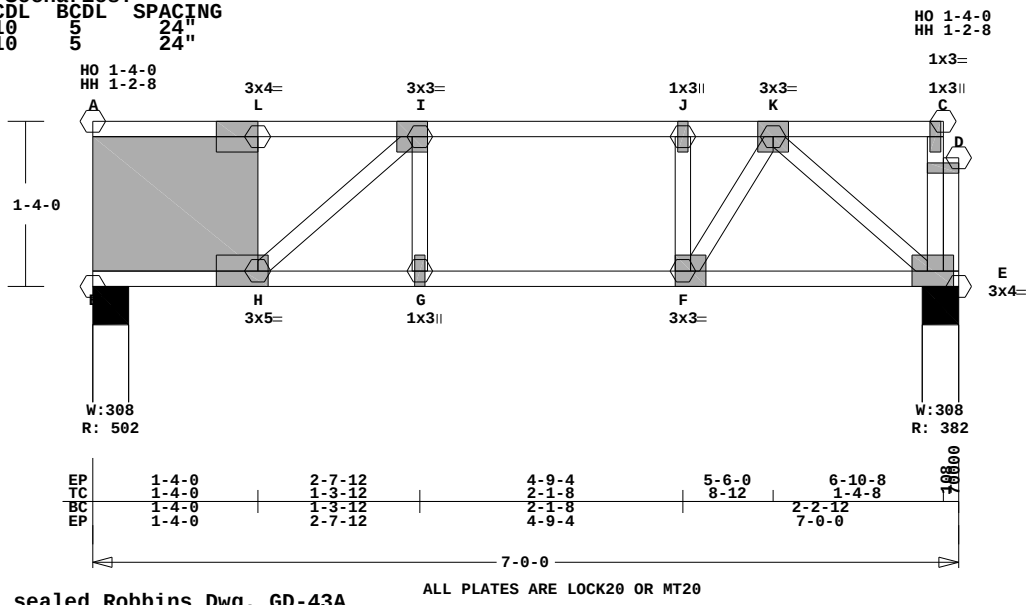
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R7	1	M100	70000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

Scale: 0.739" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 45.1 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.37	3x 2	SP-#2
BC	0.24	3x 2	SP-#2
WB	0.07	3x 2	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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0

Total 55.0 Spacing 24.0"
Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
H	503		
E	382		

Jt	Brg Size	Required
H	3.5"	1.5"
E	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	7.0'
BC V	10	0	0.0'	7.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P	Lbs	Axl-CSI-Bnd
Top Chords				
L -I	0.37	C	97	0.00 0.37
I -J	0.37	C	430	0.00 0.37
J -K	0.22	C	430	0.00 0.22
K -C	0.14	T	0	0.00 0.14
Bottom Chords				
H -G	0.24	T	430	0.09 0.15
G -F	0.24	T	430	0.09 0.15
F -E	0.17	T	328	0.07 0.10
Webs				
H -I	0.07	C	442	
G -I	0.01	T	50	
F -J	0.02	C	162	
F -K	0.06	T	210	
K -E	0.07	C	444	
E -C	0.01	C	68	

TL Defl -0.03" in F -E L/999
LL Defl -0.02" in F -E L/999
Shear // Grain in I -J 0.32

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
L	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
I	LOCK	3.0x 3.0	Ctr	Ctr	0.60
J	LOCK	1.0x 3.0	Ctr	Ctr	0.90
K	LOCK	3.0x 3.0	Ctr	Ctr	0.60
C	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	1.0x 3.0	Ctr	Ctr	0.00
H	LOCK	3.0x 5.0-1.5	Ctr	Ctr	0.68
G	LOCK	1.0x 3.0	Ctr	Ctr	0.90
F	LOCK	3.0x 3.0	Ctr	Ctr	0.60
E	LOCK	3.0x 4.0	0.5	Ctr	0.60

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 444 Lbs
Max tens. force 430 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

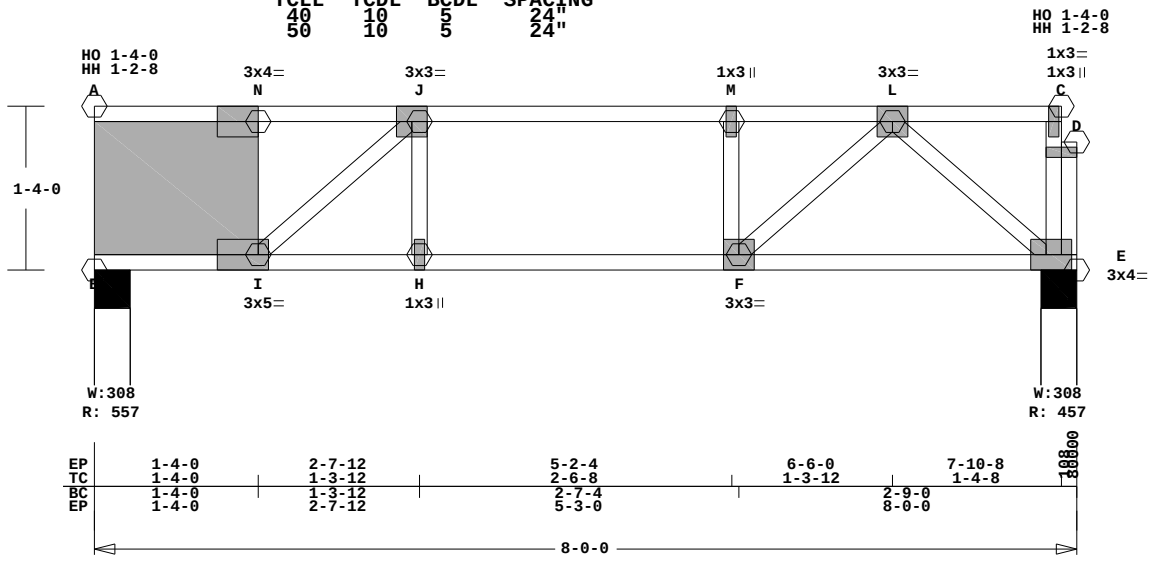
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R8	1	M100	80000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.729" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 48.5 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

CSI	-Size-	----Lumber----
TC 0.65	3x 2	SP-#2
BC 0.44	3x 2	SP-#2
WB 0.10	3x 2	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0

Total 55.0 Spacing 24.0"
Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
I	557		
E	458		

Jt	Brg Size	Required
I	3.5"	1.5"
E	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	8.0'
BC V	10	0	0.0'	8.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd

REVIEWED BY:

Top Chords				
N -J	0.65	153 C	0.00	0.65
J -M	0.65	614 C	0.00	0.65
M -L	0.22	614 C	0.00	0.22
L -C	0.14	0 T	0.00	0.14
Bottom Chords				
I -H	0.44	614 T	0.18	0.26
H -F	0.44	614 T	0.18	0.26
F -E	0.27	403 T	0.09	0.18
Webs				
I -J	0.10	614 C		
H -J	0.02	80 T		
F -M	0.03	197 C		
F -L	0.09	286 T		
L -E	0.09	548 C		
E -C	0.01	63 C		

TL Defl -0.08" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in J -M 0.41

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
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	3.0x 4.0-2.0	Ctr	Ctr	0.60
J	LOCK	3.0x 3.0	Ctr	Ctr	0.67
M	LOCK	1.0x 3.0	Ctr	Ctr	0.90
L	LOCK	3.0x 3.0	Ctr	Ctr	0.60
C	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	1.0x 3.0	Ctr	Ctr	0.00
I	LOCK	3.0x 5.0-1.5	Ctr	Ctr	0.94
H	LOCK	1.0x 3.0	Ctr	Ctr	0.90
F	LOCK	3.0x 3.0	Ctr	Ctr	0.60
E	LOCK	3.0x 4.0	0.5	Ctr	0.60

Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

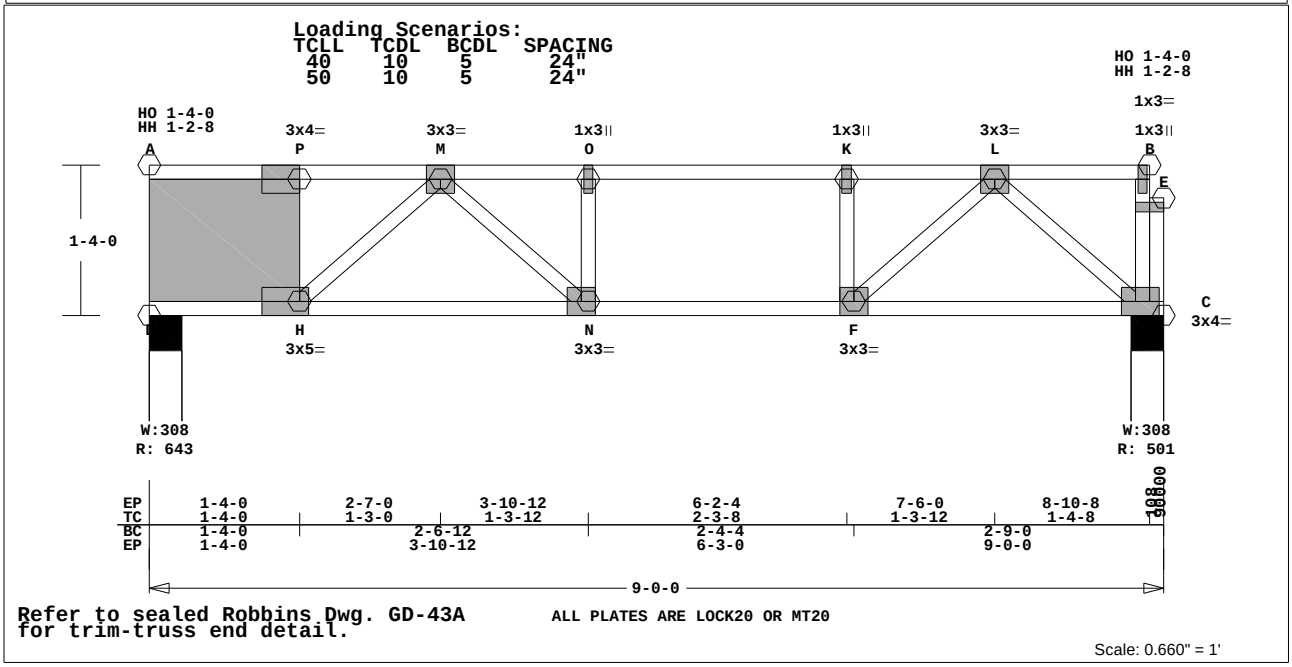
REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 614 Lbs
Max tens. force 614 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R9	1	M150	90000	10400	0	0	T07080539

U# J#02979 16" SEALED SET



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.660" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 53.7 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.41	3x 2	SP-#2
BC	0.31	3x 2	SP-#2
WB	0.13	3x 2	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
H	644		
C	501		

Jt	Brg Size	Required
H	3.5"	1.5"
C	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V 20	100	0.0'	9.0'
BC V 10	0	0.0'	9.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd

Top Chords

P -M	0.11	80 C	0.00	0.11
M -O	0.37	759 C	0.00	0.37
O -K	0.41	759 C	0.00	0.41
K -L	0.41	759 C	0.00	0.41
L -B	0.14	0 T	0.00	0.14

Bottom Chords

H -N	0.22	493 T	0.09	0.13
N -F	0.31	759 T	0.14	0.17
F -C	0.23	457 T	0.06	0.17

Webs

H -M	0.09	562 C	
M -N	0.11	360 T	
N -O	0.03	229 C	
F -K	0.04	245 C	
F -L	0.13	410 T	
L -C	0.10	621 C	
C -B	0.01	68 C	

TL Defl -0.05" in H -N L/999
LL Defl -0.04" in H -N L/999
Shear // Grain in O -K 0.32

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
P	LOCK	3.0x 4.0	-2.0 Ctr		0.60
M	LOCK	3.0x 3.0	Ctr Ctr		0.62
O	LOCK	1.0x 3.0	Ctr Ctr		0.90
K	LOCK	1.0x 3.0	Ctr Ctr		0.90
L	LOCK	3.0x 3.0	Ctr Ctr		0.68
B	LOCK	1.0x 3.0	Ctr Ctr		0.90
B	LOCK	1.0x 3.0	Ctr Ctr		0.00
H	LOCK	3.0x 5.0	-1.5 Ctr		0.86
N	LOCK	3.0x 3.0	Ctr Ctr		0.60
F	LOCK	3.0x 3.0	Ctr Ctr		0.60
C	LOCK	3.0x 4.0	0.5 Ctr		0.68

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 759 Lbs
Max tens. force 759 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

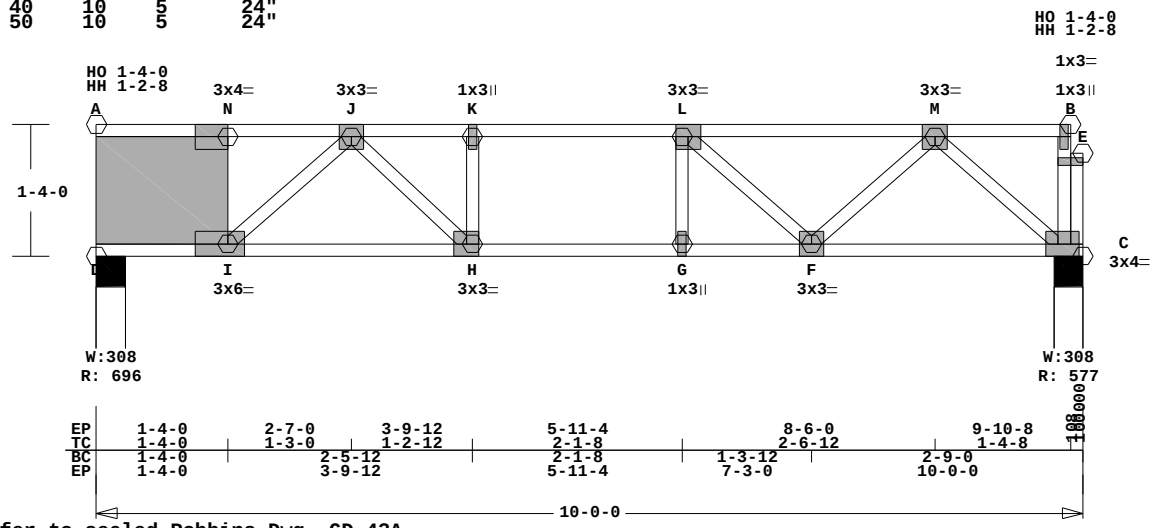
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R10	1	M150	100000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.599" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 58.7 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.58	3x 2	SP-#2
BC	0.66	3x 2	SP-#2
WB	0.16	3x 2	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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
I	697		
C	578		

Jt	Brg Size	Required
I	3.5"	1.5"
C	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	10.0'
BC V	10	0	0.0'	10.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
N -J	0.14	156 C	0.00 0.14
J -K	0.58	1020 C	0.01 0.57
K -L	0.58	1020 C	0.01 0.57
L -M	0.47	831 C	0.01 0.46
M -B	0.46	0 T	0.00 0.46
Bottom Chords			
I -H	0.52	645 T	0.11 0.41
H -G	0.66	1020 T	0.21 0.45
G -F	0.66	1020 T	0.21 0.45
F -C	0.24	582 T	0.17 0.07
Webs			
I -J	0.11	664 C	
J -H	0.16	525 T	
H -K	0.04	282 C	
G -L	0.01	88 C	
L -F	0.04	256 C	
F -M	0.11	346 T	
M -C	0.13	791 C	
C -B	0.00	31 C	

TL Defl -0.11" in G -F L/999
LL Defl -0.09" in G -F L/999
Shear // Grain in L -M 0.38

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
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	3.0x 4.0-2.0	Ctr	Ctr	0.60
J	LOCK	3.0x 3.0	Ctr	Ctr	0.73
K	LOCK	1.0x 3.0	Ctr	Ctr	0.90
L	LOCK	3.0x 3.0	Ctr	Ctr	0.60
M	LOCK	3.0x 3.0	Ctr	Ctr	0.87
B	LOCK	1.0x 3.0	Ctr	Ctr	0.90
B	LOCK	1.0x 3.0	Ctr	Ctr	0.00
I	LOCK	3.0x 6.0-1.0	Ctr	Ctr	0.60
H	LOCK	3.0x 3.0	Ctr	Ctr	0.70
G	LOCK	1.0x 3.0	Ctr	Ctr	0.90
F	LOCK	3.0x 3.0	Ctr	Ctr	0.60
C	LOCK	3.0x 4.0	0.5	Ctr	0.87

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 1020 Lbs
Max tens. force 1020 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

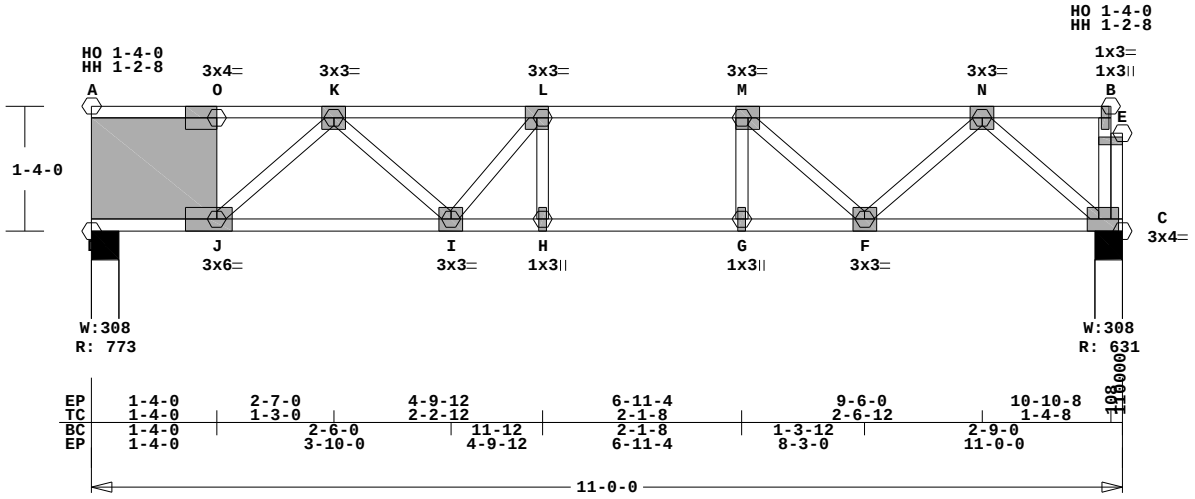
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R11	1	M150	110000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.551" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 63.7 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.41	3x 2	SP-#2
BC	0.62	3x 2	SP-#2
WB	0.14	3x 2	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	11- 0- 0
BC	Cont.	0- 0- 0	11- 0- 0

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
J	773		
C	631		

Jt	Brg Size	Required
J	3.5"	1.5"
C	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	20	100	0.0' 11.0'
BC V	10	0	0.0' 11.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
O -K	0.27	99 C	0.00 0.27
K -L	0.39	995 C	0.01 0.38
L -M	0.41	1242 C	0.03 0.38
M -N	0.41	947 C	0.02 0.39
N -B	0.39	0 T	0.00 0.39
Bottom Chords			
J -I	0.26	672 T	0.19 0.07
I -H	0.62	1242 T	0.24 0.38
H -G	0.62	1242 T	0.24 0.38
G -F	0.59	1242 T	0.24 0.35
F -C	0.22	631 T	0.18 0.04
Webs			
J -K	0.13	788 C	
K -I	0.14	446 T	
I -L	0.06	395 C	
H -L	0.03	117 T	
G -M	0.02	77 T	
M -F	0.06	401 C	
F -N	0.14	439 T	
N -C	0.14	857 C	
C -B	0.00	37 C	

TL Defl -0.09" in H -G L/999
LL Defl -0.08" in G -F L/999
Shear // Grain in M -N 0.35

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
O	LOCK	3.0x 4.0	-2.0 Ctr		0.60
K	LOCK	3.0x 3.0	Ctr Ctr		0.87
L	LOCK	3.0x 3.0	Ctr Ctr		0.60
M	LOCK	3.0x 3.0	Ctr Ctr		0.60
N	LOCK	3.0x 3.0	Ctr Ctr		0.94
B	LOCK	1.0x 3.0	Ctr Ctr		0.90
B	LOCK	1.0x 3.0	Ctr Ctr		0.00
J	LOCK	3.0x 6.0	-1.0 Ctr		0.64
I	LOCK	3.0x 3.0	Ctr Ctr		0.60
H	LOCK	1.0x 3.0	Ctr Ctr		0.90
G	LOCK	1.0x 3.0	Ctr Ctr		0.90
F	LOCK	3.0x 3.0	Ctr Ctr		0.60
C	LOCK	3.0x 4.0	0.5 Ctr		0.94

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 1242 Lbs
Max tens. force 1242 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

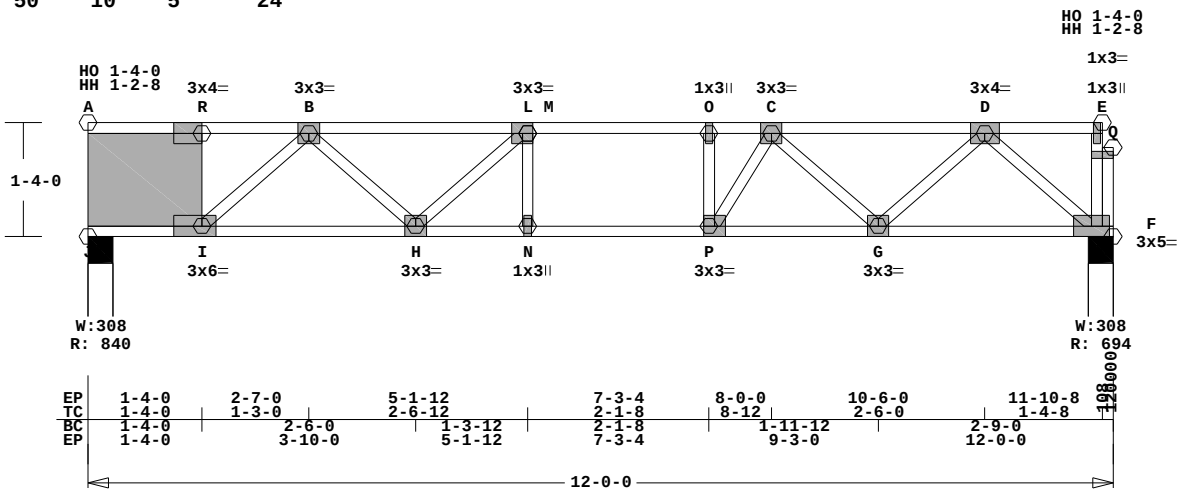
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R12	1	M150	120000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.509" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 68.6 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.55	3x 2	SP-#2
BC	0.66	3x 2	SP-#2
WB	0.17	3x 2	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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
I	841		
F	694		

Jt	Brg Size	Required
I	3.5"	1.5"
F	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V 20	100	0.0'	12.0'
BC V 10	0	0.0'	12.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
R -B	0.36	92 C	0.00 0.36
B -L	0.53	1112 C	0.02 0.51
L -O	0.55	1493 C	0.04 0.51
O -C	0.42	1493 C	0.01 0.41
C -D	0.40	1081 C	0.03 0.37
D -E	0.37	0 T	0.00 0.37
Bottom Chords			
I -H	0.28	742 T	0.21 0.07
H -N	0.66	1493 T	0.29 0.37
N -P	0.66	1493 T	0.29 0.37
P -G	0.62	1439 T	0.30 0.32
G -F	0.24	696 T	0.15 0.09
Webs			
I -B	0.15	903 C	
B -H	0.16	515 T	
H -L	0.08	517 C	
N -L	0.03	101 T	
P -O	0.03	196 C	
P -C	0.09	304 T	
C -G	0.08	493 C	
G -D	0.17	535 T	
D -F	0.15	947 C	
F -E	0.00	39 C	

TL Defl -0.12" in P -G L/999
LL Defl -0.10" in P -G L/999
Shear // Grain in B -L 0.37

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
R	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
B	LOCK	3.0x 3.0	Ctr	Ctr	0.99
L	LOCK	3.0x 3.0	Ctr	Ctr	0.60
O	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	3.0x 3.0	Ctr	Ctr	0.60
D	LOCK	3.0x 4.0	Ctr	Ctr	0.84
E	LOCK	1.0x 3.0	Ctr	Ctr	0.90
E	LOCK	1.0x 3.0	Ctr	Ctr	0.00
I	LOCK	3.0x 6.0-1.0	Ctr	Ctr	0.74
H	LOCK	3.0x 3.0	Ctr	Ctr	0.69
N	LOCK	1.0x 3.0	Ctr	Ctr	0.90
P	LOCK	3.0x 3.0	Ctr	Ctr	0.60
G	LOCK	3.0x 3.0	Ctr	Ctr	0.71
F	LOCK	3.0x 5.0	Ctr	Ctr	0.76

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 1493 Lbs
Max tens. force 1493 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

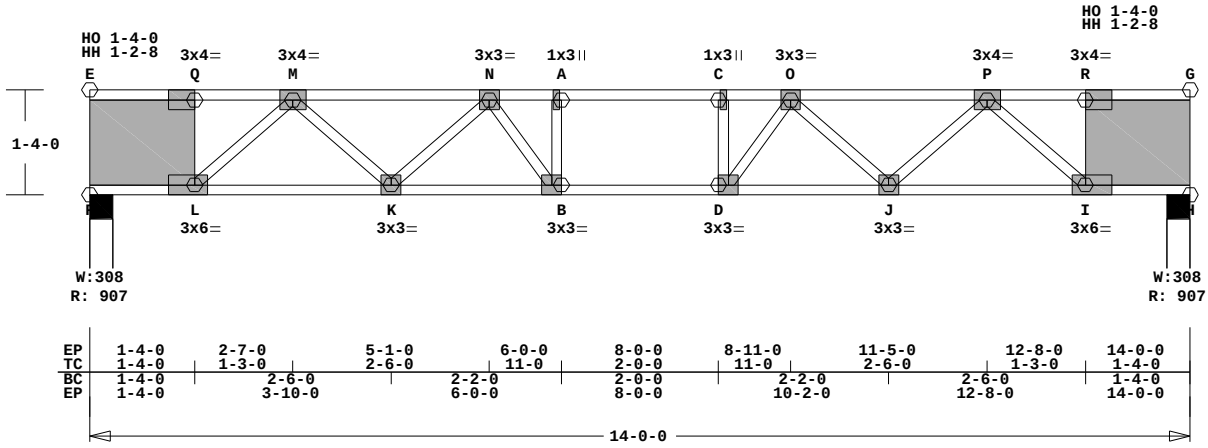
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R14	1	M150	140000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.460" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 91.1 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	-Size-	----Lumber----
TC	0.55	3x 2	SP-#2
BC	0.56	3x 2	SP-#2
WB	0.19	3x 2	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0

Total 55.0 Spacing 24.0"
Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
L	908		
I	908		

Jt	Brg Size	Required
L	3.5"	1.5"
I	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	14.0'
BC V	10	0	0.0'	14.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
Q -M	0.37	53 C	0.00 0.37
M -N	0.43	1220 C	0.04 0.39
N -A	0.55	1760 C	0.02 0.53
A -C	0.55	1760 C	0.02 0.53
C -O	0.54	1760 C	0.02 0.52
O -P	0.43	1220 C	0.04 0.39
P -R	0.37	54 C	0.00 0.37
--------Bottom Chords---------			
L -K	0.30	787 T	0.23 0.07
K -B	0.55	1636 T	0.32 0.23
B -D	0.56	1760 T	0.32 0.24
D -J	0.55	1636 T	0.32 0.23
J -I	0.30	788 T	0.23 0.07
------------Webs------------			
L -M	0.17	1010 C	
M -K	0.19	601 T	
K -N	0.09	575 C	
N -B	0.12	373 T	
B -A	0.03	238 C	
D -C	0.03	238 C	
D -O	0.12	372 T	
O -J	0.09	575 C	
J -P	0.19	601 T	
P -I	0.16	1006 C	

TL Defl -0.12" in D -J L/999
LL Defl -0.10" in D -J L/999
Shear // Grain in M -N 0.34

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
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	3.0x 4.0	-2.0 Ctr		0.60
M	LOCK	3.0x 4.0	Ctr Ctr		0.90
N	LOCK	3.0x 3.0	Ctr Ctr		0.63
A	LOCK	1.0x 3.0	Ctr Ctr		0.90
C	LOCK	1.0x 3.0	Ctr Ctr		0.90
O	LOCK	3.0x 3.0	Ctr Ctr		0.63
P	LOCK	3.0x 4.0	Ctr Ctr		0.89
R	LOCK	3.0x 4.0	2.0 Ctr		0.60
L	LOCK	3.0x 6.0	-1.0 Ctr		0.82
K	LOCK	3.0x 3.0	Ctr Ctr		0.80
B	LOCK	3.0x 3.0	Ctr Ctr		0.60
D	LOCK	3.0x 3.0	Ctr Ctr		0.60
J	LOCK	3.0x 3.0	Ctr Ctr		0.80
I	LOCK	3.0x 6.0	1.0 Ctr		0.89

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 1760 Lbs
Max tens. force 1760 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

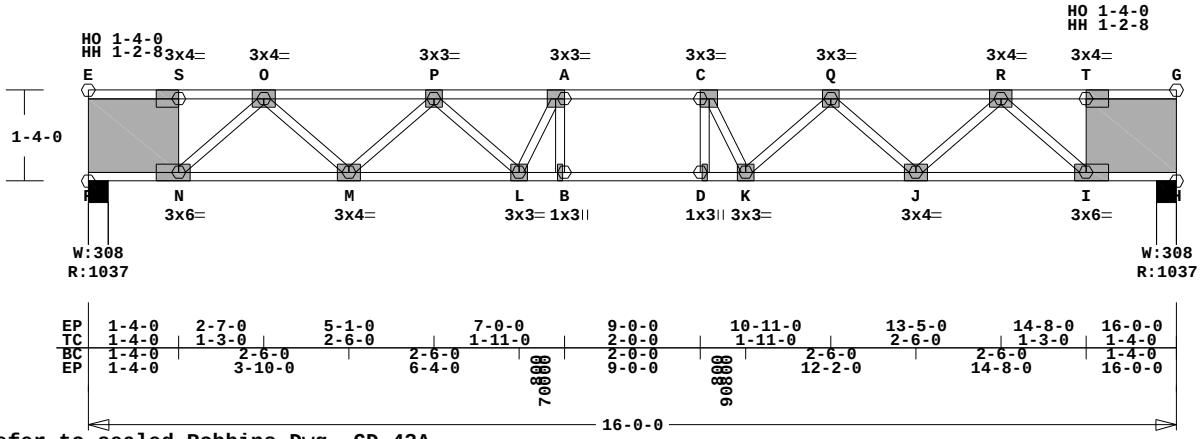
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R16	1	M150	160000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.405" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 128.9 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

CSI	Size	Lumber
TC 0.34	4x 2	SP-#2
BC 0.64	4x 2	SP-#2
WB 0.31	4x 2	SP-#3

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
N	1038		
I	1038		

Jt	Brg Size	Required
N	3.5"	1.5"
I	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	20	100 0.0'	16.0'
BC V	10	0 0.0'	16.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
S -O	0.25	29 T	0.00 0.25
O -P	0.27	1449 C	0.02 0.25
P -A	0.33	2268 C	0.01 0.32
A -C	0.34	2384 C	0.02 0.32
C -Q	0.33	2268 C	0.01 0.32
Q -R	0.27	1449 C	0.02 0.25
R -T	0.25	26 T	0.00 0.25
Bottom Chords			
N -M	0.23	879 T	0.18 0.05
M -L	0.45	1996 T	0.41 0.04
L -B	0.64	2384 T	0.30 0.34
B -D	0.64	2384 T	0.30 0.34
D -K	0.64	2384 T	0.30 0.34
K -J	0.45	1996 T	0.41 0.04
J -I	0.23	879 T	0.18 0.05
Webs			
N -O	0.24	1196 C	
O -M	0.31	792 T	
M -P	0.15	760 C	
P -L	0.16	399 T	
L -A	0.08	409 C	
B -A	0.07	177 T	
D -C	0.07	177 T	
C -K	0.08	408 C	
K -Q	0.16	399 T	
Q -J	0.15	760 C	
J -R	0.31	792 T	
R -I	0.23	1191 C	

TL Defl -0.15" in B -D L/999
LL Defl -0.11" in B -D L/999
Shear // Grain in O -P 0.24

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
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	3.0x 4.0-2.0	Ctr	0.60	
O	LOCK	3.0x 4.0	Ctr	Ctr	0.85
P	LOCK	3.0x 3.0	Ctr	Ctr	0.60
A	LOCK	3.0x 3.0	Ctr	Ctr	0.63
C	LOCK	3.0x 3.0	Ctr	Ctr	0.63
Q	LOCK	3.0x 3.0	Ctr	Ctr	0.60
R	LOCK	3.0x 4.0	Ctr	Ctr	0.85
T	LOCK	3.0x 4.0	2.0	Ctr	0.60
N	LOCK	3.0x 6.0-1.0	Ctr	0.64	
M	LOCK	3.0x 4.0	Ctr	Ctr	0.85
L	LOCK	3.0x 3.0	Ctr	Ctr	0.63
B	LOCK	1.0x 3.0	Ctr	Ctr	0.90
D	LOCK	1.0x 3.0	Ctr	Ctr	0.90
K	LOCK	3.0x 3.0	Ctr	Ctr	0.63
J	LOCK	3.0x 4.0	Ctr	Ctr	0.85
I	LOCK	3.0x 6.0	1.0	Ctr	0.64

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 2384 Lbs
Max tens. force 2384 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

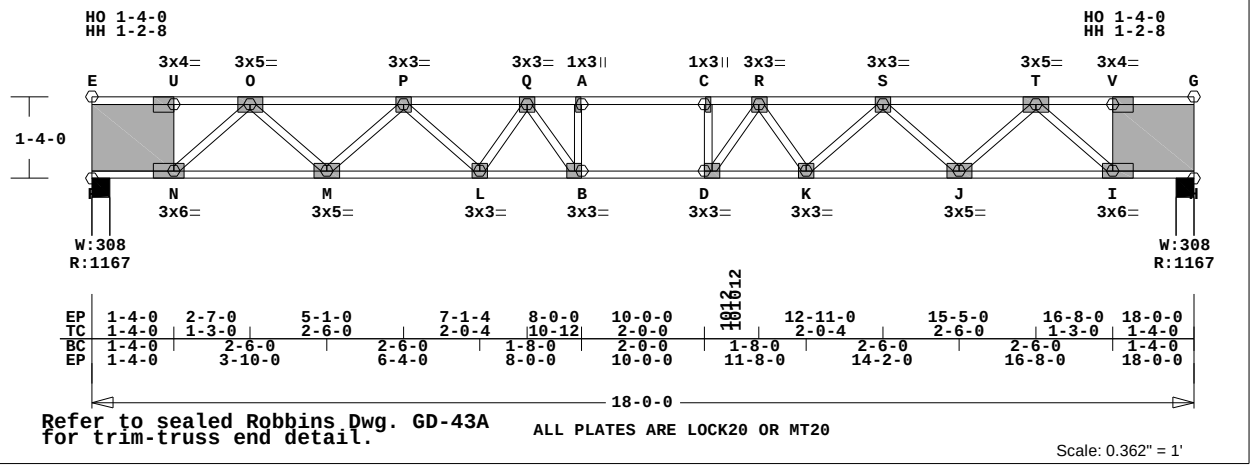
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R18	1	M150	180000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.362" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 141.9 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.51	4x 2	SP-#2
BC	0.69	4x 2	SP-#2
WB	0.39	4x 2	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	18- 0- 0
BC	Cont.	0- 0- 0	18- 0- 0

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
N	1168		
I	1168		

Jt	Brg Size	Required
N	3.5"	1.5"
I	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf -	Dead	Live*	From	To
TC V	20	100	0.0'	18.0'
BC V	10	0	0.0'	18.0'

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
U -O	0.25	71 T	0.01 0.24
O -P	0.31	1655 C	0.02 0.29
P -Q	0.36	2723 C	0.07 0.29
Q -A	0.51	3086 C	0.03 0.48
A -C	0.51	3086 C	0.03 0.48
C -R	0.51	3086 C	0.03 0.48
R -S	0.36	2724 C	0.07 0.29
S -T	0.31	1655 C	0.02 0.29
T -V	0.24	67 T	0.01 0.23

Bottom Chords				
N -M	0.25	947 T	0.19	0.06
M -L	0.54	2340 T	0.49	0.05
L -B	0.69	2940 T	0.40	0.29
B -D	0.69	3086 T	0.64	0.05
D -K	0.69	2940 T	0.40	0.29
K -J	0.54	2340 T	0.49	0.05
J -I	0.25	947 T	0.19	0.06
Webs				
N -O	0.27	1381 C		
O -M	0.39	984 T		
M -P	0.19	952 C		
P -L	0.21	530 T		
L -Q	0.08	408 C		
Q -B	0.19	485 T		
B -A	0.05	293 C		
D -C	0.05	293 C		
D -R	0.19	485 T		
R -K	0.08	407 C		
K -S	0.21	530 T		
S -J	0.19	952 C		
J -T	0.39	984 T		
T -I	0.27	1375 C		

TL Defl -0.25" in B -D L/851
LL Defl -0.19" in B -D L/999
Shear // Grain in A -C 0.26

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
U	LOCK	3.0x 4.0-2.0	Ctr	Ctr	0.60
O	LOCK	3.0x 5.0	Ctr	Ctr	0.96
P	LOCK	3.0x 3.0	Ctr	Ctr	0.71
Q	LOCK	3.0x 3.0	Ctr	Ctr	0.70
A	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	1.0x 3.0	Ctr	Ctr	0.90
R	LOCK	3.0x 3.0	Ctr	Ctr	0.70
S	LOCK	3.0x 3.0	Ctr	Ctr	0.71
T	LOCK	3.0x 5.0	Ctr	Ctr	0.96
V	LOCK	3.0x 4.0	2.0	Ctr	0.60
N	LOCK	3.0x 6.0-1.0	Ctr	Ctr	0.74
M	LOCK	3.0x 5.0	Ctr	Ctr	0.96
L	LOCK	3.0x 3.0	Ctr	Ctr	0.71
B	LOCK	3.0x 3.0	Ctr	Ctr	0.70
D	LOCK	3.0x 3.0	Ctr	Ctr	0.70
K	LOCK	3.0x 3.0	Ctr	Ctr	0.71
J	LOCK	3.0x 5.0	Ctr	Ctr	0.96
I	LOCK	3.0x 6.0	1.0	Ctr	0.74

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 3086 Lbs
Max tens. force 3086 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R20	1	M150	200000	10400	0	0	T07080539

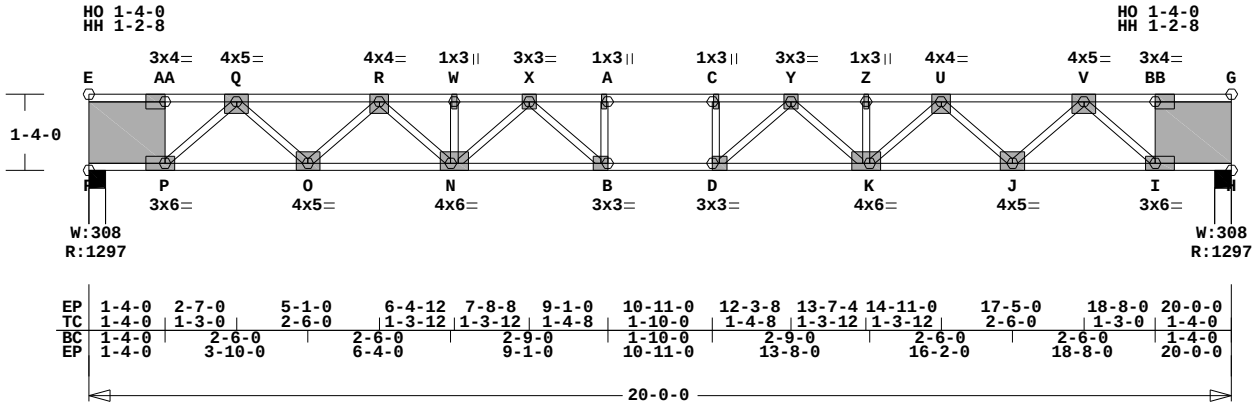
U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"

ATTIC LOAD SCENARIOS
-Assumed Rafter Loading is 30 psf LL & 15 psf DL
-20 psf Floor LL behind kneewall
-40 psf Floor LL in room area between kneewalls

TCLL	TCDL	BCDL	SPACING
40	10	5	19.2" + Kneewall loads 450# at 5' & 15'
40	10	5	19.2" + Kneewall loads 464# at 6' & 14'



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.328" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 156.1 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.55	4x 2	SP-#2
BC	0.92	4x 2	SP-#2
WB	0.57	4x 2	SP-#3

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0

Total 55.0 Spacing 24.0"
Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
P	1298		
I	1298		

Jt	Brg Size	Required
P	3.5"	1.5"
I	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V 20	100	0.0'	20.0'
BC V 10	0	0.0'	20.0'

LC# 3 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V 20	64	0.0'	20.0'
BC V 10	0	0.0'	20.0'
TC V -4	-32	0.0'	5.0'
TC V -4	-32	15.0'	20.0'
TC V 225	225	5.0'	CL-LB
TC V 225	225	15.0'	CL-LB

LC# 4 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V 20	64	0.0'	20.0'
BC V 10	0	0.0'	20.0'
TC V -4	-32	0.0'	6.0'
TC V -4	-32	14.0'	20.0'
TC V 232	232	6.0'	CL-LB
TC V 232	232	14.0'	CL-LB

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
AA-Q	0.28	212 T	0.03 0.25
Q -R	0.31	2021 C	0.05 0.26
R -W	0.53	3744 C	0.16 0.37
W -X	0.39	3744 C	0.15 0.24
X -A	0.55	4185 C	0.05 0.50
A -C	0.55	4185 C	0.05 0.50
C -Y	0.55	4185 C	0.05 0.50
Y -Z	0.39	3745 C	0.15 0.24
Z -U	0.53	3745 C	0.16 0.37
U -V	0.31	2022 C	0.05 0.26
V -BB	0.28	206 T	0.03 0.25
Bottom Chords			
P -O	0.27	994 T	0.20 0.07
O -N	0.68	3029 T	0.63 0.05
N -B	0.90	3993 T	0.83 0.07
B -D	0.92	4185 T	0.87 0.05
D -K	0.90	3994 T	0.83 0.07
K -J	0.68	3030 T	0.63 0.05
J -I	0.27	994 T	0.20 0.07
Webs			
P -Q	0.32	1612 C	
Q -O	0.57	1429 T	
O -R	0.28	1401 C	
R -N	0.42	1071 T	
N -W	0.09	470 C	
N -X	0.11	560 C	
X -B	0.22	559 T	
B -A	0.05	275 C	
D -C	0.05	274 C	
D -Y	0.22	559 T	
Y -K	0.11	560 C	
K -Z	0.09	470 C	
K -U	0.42	1070 T	
U -J	0.28	1401 C	
J -V	0.57	1429 T	
V -I	0.32	1605 C	

TL Defl -0.42" in B -D L/558
LL Defl -0.29" in B -D L/796
Shear // Grain in R -W 0.61

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
AA	LOCK	3.0x 4.0	2.0 Ctr		0.60
Q	LOCK	4.0x 5.0	Ctr-0.5		0.94
R	LOCK	4.0x 4.0	Ctr-0.5		0.87
W	LOCK	1.0x 3.0	Ctr Ctr		0.90
X	LOCK	3.0x 3.0	Ctr Ctr		0.75
A	LOCK	1.0x 3.0	Ctr Ctr		0.90
C	LOCK	1.0x 3.0	Ctr Ctr		0.90
Y	LOCK	3.0x 3.0	Ctr Ctr		0.75
Z	LOCK	1.0x 3.0	Ctr Ctr		0.90
U	LOCK	4.0x 4.0	Ctr-0.5		0.87
V	LOCK	4.0x 5.0	Ctr-0.5		0.94
BB	LOCK	3.0x 4.0	2.0 Ctr		0.60
P	LOCK	3.0x 6.0-1.0	Ctr		0.87
O	LOCK	4.0x 5.0	Ctr		0.94
N	LOCK	4.0x 6.0	Ctr		0.77
B	LOCK	3.0x 3.0	Ctr Ctr		0.75
D	LOCK	3.0x 3.0	Ctr Ctr		0.75
K	LOCK	4.0x 6.0	Ctr		0.77
J	LOCK	4.0x 5.0	Ctr		0.94
I	LOCK	3.0x 6.0	1.0 Ctr		0.86

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 4185 Lbs
Max tens. force 4185 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

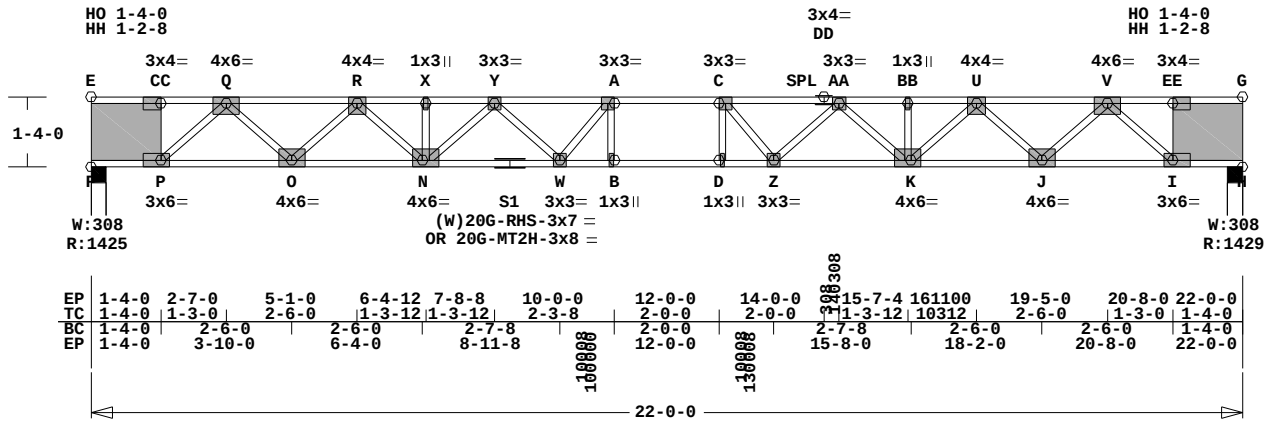
Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R22	1	M150	220000	10400	0	0	T07080539

U# J#02979 16" SEALED SET

```
Loading Scenarios:
TCLL  TCDL  BCDL  SPACING
 40    10    5     24"
 50    10    5     24"

ATTIC LOAD SCENARIOS
-Assumed Rafter Loading is 30 psf LL & 15 psf DL
-20 psf Floor LL behind kneewall
-40 psf Floor LL in room area between kneewalls
TCLL  TCDL  BCDL  SPACING
 40    10    5     19.2" + Kneewall loads 500# at 5' & 17'
 40    10    5     19.2" + Kneewall loads 500# at 6' & 16'
```



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

EXCEPT AS SHOWN ALL PLATES ARE LOCK20 OR MT20

Scale: 0.299" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 169.0 LBS

```
Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

     CSI -Size- ----Lumber----
TC  0.61  4x 2  SP-#2
BC  0.98  4x 2  SP-#2
--  0.74  4x 2  SP-2100f-1.8E
    S1-I
WB  0.63  4x 2  SP-#3

Brace truss as follows:
      O.C.     From      To
 TC  Cont.    0- 0- 0 22- 0- 0
 BC  Cont.    0- 0- 0 22- 0- 0

psf-Ld  Dead  Live
TC      10.0  40.0
BC       5.0   0.0
TC+BC   15.0  40.0
Total   55.0   Spacing  24.0"
Lumber Duration Factor  1.00
Plate  Duration Factor  1.00
TC Fb=1.15  Fc=1.10  Ft=1.10
BC Fb=1.10  Fc=1.10  Ft=1.10

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
P   1426
I   1430

Jt   Brg Size   Required
P       3.5"       1.6"
I       3.5"       1.6"

LC#  2  NonStandard Loading
Dur Fctrs - Lbr 1.00  Plt 1.00
plf - Dead  Live* From    To
TC V    20   100   0.0'  22.0'
BC V    10     0   0.0'  22.0'

LC#  3  NonStandard Loading
Dur Fctrs - Lbr 1.00  Plt 1.00
plf - Dead  Live* From    To
TC V    16    64   0.0'  22.0'
BC V     8     0   0.0'  22.0'
TC V     0   -32   0.0'   5.0'
TC V     0   -32  17.0'  22.0'
TC V   250   250   5.0'  CL-LB
TC V   250   250  17.0'  CL-LB

LC#  4  NonStandard Loading
Dur Fctrs - Lbr 1.00  Plt 1.00
plf - Dead  Live* From    To
TC V    16    64   0.0'  22.0'
BC V     8     0   0.0'  22.0'
TC V     0   -32   0.0'   6.0'
TC V     0   -32  16.0'  22.0'
TC V   250   250   6.0'  CL-LB
TC V   250   250  16.0'  CL-LB

Plus  2 Unbalanced Load Cases

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
CC-Q  0.30   305 T  0.05  0.25
Q -R  0.32  2144 C  0.06  0.26
R -X  0.61  4033 C  0.19  0.42
X -Y  0.40  4033 C  0.17  0.23
Y -A  0.57  4584 C  0.31  0.26
A -C  0.51  4747 C  0.08  0.43
C -DD 0.56  4577 C  0.31  0.25
DD-AA 0.38  4577 C  0.22  0.16
AA-BB 0.40  4015 C  0.17  0.23
BB-U  0.61  4015 C  0.19  0.42
U -V  0.32  2119 C  0.06  0.26
V -EE 0.30   334 T  0.06  0.24
--------Bottom Chords---------
P -O  0.28  1024 T  0.21  0.07
O -N  0.73  3261 T  0.68  0.05
N -S1 0.98  4371 T  0.91  0.07
S1-W  0.53  4371 T  0.48  0.05
W -B  0.74  4747 T  0.31  0.43
B -D  0.74  4747 T  0.31  0.43
D -Z  0.74  4747 T  0.31  0.43
Z -K  0.52  4359 T  0.47  0.05
K -J  0.39  3241 T  0.35  0.04
J -I  0.15   995 T  0.10  0.05
------------Webs-------------
P -Q  0.35  1761 C
Q -O  0.63  1573 T
O -R  0.31  1553 C
R -N  0.47  1193 T
N -X  0.09   476 C
N -Y  0.15   781 C
Y -W  0.20   499 T
W -A  0.11   581 C
B -A  0.09   232 T
D -C  0.09   236 T
C -Z  0.11   587 C
Z -AA 0.20   503 T
AA-K  0.15   788 C
K -BB 0.09   474 C
K -U  0.48  1198 T
U -J  0.31  1560 C
J -V  0.63  1579 T
V -I  0.35  1759 C

TL Defl  -0.56" in B -D  L/462
LL Defl  -0.42" in B -D  L/618
Shear // Grain  in R -X   0.64

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS  20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
CC LOCK  3.0x 4.0-2.0 Ctr 0.60
Q  LOCK  4.0x 6.0 Ctr-0.5 0.91
R  LOCK  4.0x 4.0 Ctr-0.5 0.97
X  LOCK  1.0x 3.0 Ctr Ctr 0.90
Y  LOCK  3.0x 3.0 Ctr Ctr 0.67
A  LOCK  3.0x 3.0 Ctr Ctr 0.60
C  LOCK  3.0x 3.0 Ctr Ctr 0.60
DD LOCK W3.0x 4.0 Ctr Ctr 0.00
AA LOCK  3.0x 3.0 Ctr Ctr 0.67
BB LOCK  1.0x 3.0 Ctr Ctr 0.90
U  LOCK  4.0x 4.0 Ctr-0.5 0.97
V  LOCK  4.0x 6.0 Ctr-0.5 0.92
EE LOCK  3.0x 4.0 2.0 Ctr 0.60
P  LOCK  3.0x 6.0-1.0 Ctr 0.95
O  LOCK  4.0x 6.0 Ctr 0.5 0.91
N  LOCK  4.0x 6.0 Ctr 0.5 0.86
S1 RHS  W3.0x 7.0 Ctr Ctr 0.00
W  LOCK  3.0x 3.0 Ctr Ctr 0.67
B  LOCK  1.0x 3.0 Ctr Ctr 0.90
D  LOCK  1.0x 3.0 Ctr Ctr 0.90
Z  LOCK  3.0x 3.0 Ctr Ctr 0.67
K  LOCK  4.0x 6.0 Ctr 0.5 0.86
J  LOCK  4.0x 6.0 Ctr 0.5 0.92
I  LOCK  3.0x 6.0 1.0 Ctr 0.95

REVIEWED BY:
 Robbins Engineering, Inc.
 6904 Parke East Blvd.
 Tampa, FL  33610

REFER TO ROBBINS ENG. GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
  Capitol Truss, Inc.
Analysis Conforms To:
  ANSI/TPI 95 & 02
Provide 2X6 continuous
  strongbacks (on edge) every
  10.0  Ft.  Fasten to each
  truss w/ 3-16d nails at
  truss member(s).
This truss must be installed
  as shown. It cannot be
  installed upside-down.
Max comp. force     4747 Lbs
Max tens. force     4747 Lbs
Quality Control Factor 1.25
```

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R24	1	M150	240000	10400	0	0	T07080539

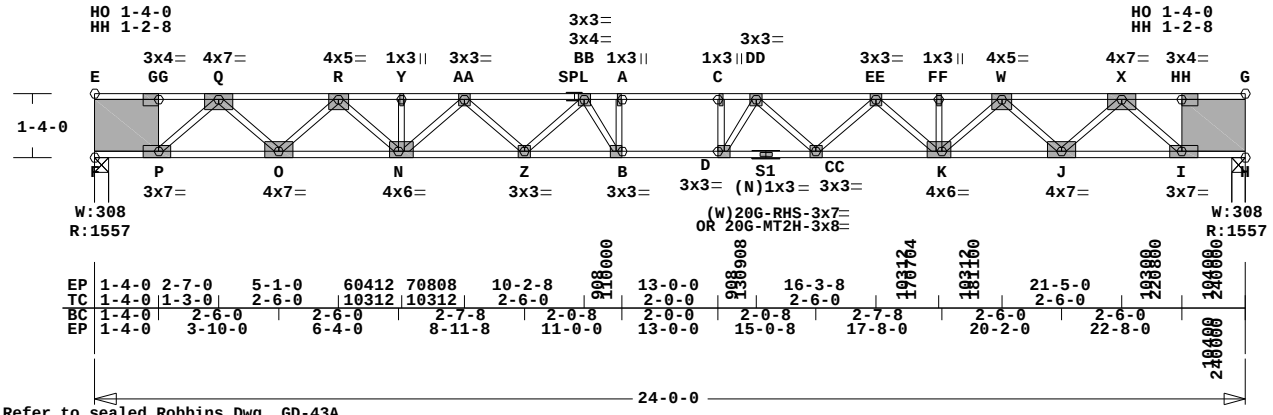
U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	24"
50	10	5	24"

ATTIC LOAD SCENARIOS
-Assumed Rafter Loading is 30 psf LL & 15 psf DL
-20 psf Floor LL behind kneewall
-40 psf Floor LL in room area between kneewalls

TCLL	TCDL	BCDL	SPACING
40	10	5	19.2" + Kneewall loads 552# at 5' & 19'
40	10	5	19.2" + Kneewall loads 540# at 6' & 18'



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

EXCEPT AS SHOWN ALL PLATES ARE LOCK20 OR MT20

Scale: 0.275" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 182.2 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.91	4x 2	SP-#2
BC	1.00	4x 2	SP-#1
WB	0.71	4x 2	SP-#3

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 24.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
P	1558		
I	1558		

Jt	Brg Size	Required
P	3.5"	1.8"
I	3.5"	1.8"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	20	100 0.0'	24.0'
BC V	10	0 0.0'	24.0'

LC# 3 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	16	64 0.0'	24.0'
BC V	8	0 0.0'	24.0'
TC V	0	-32 0.0'	5.0'
TC V	0	-26 19.0'	24.0'
TC V	276	276 5.0'	CL-LB
TC V	276	276 19.0'	CL-LB

LC# 4 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	16	64 0.0'	24.0'
BC V	8	0 0.0'	24.0'
TC V	0	-32 0.0'	6.0'
TC V	0	-32 18.0'	24.0'
TC V	270	270 6.0'	CL-LB
TC V	270	270 18.0'	CL-LB

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
GG-Q	0.34	473 T	0.09 0.25
Q -R	0.34	2282 C	0.07 0.27
R -Y	0.70	4401 C	0.23 0.47
Y -AA	0.45	4401 C	0.21 0.24
AA-BB	0.91	5171 C	0.47 0.44
BB-A	0.79	5669 C	0.12 0.67
A -C	0.79	5669 C	0.12 0.67
C -DD	0.79	5669 C	0.12 0.67
DD-EE	0.91	5172 C	0.47 0.44
EE-FF	0.45	4403 C	0.21 0.24
FF-W	0.70	4403 C	0.23 0.47
W -X	0.34	2306 C	0.07 0.27
X -HH	0.33	464 T	0.09 0.24
Bottom Chords			
P -O	0.22	1003 T	0.16 0.06
O -N	0.63	3548 T	0.58 0.05
N -Z	0.85	4844 T	0.79 0.06
Z -B	0.97	5571 T	0.91 0.06
B -D	1.00	5669 T	0.93 0.07
D -S1	0.97	5572 T	0.91 0.06
S1-CC	0.97	5572 T	0.91 0.06
CC-K	0.85	4845 T	0.79 0.06
K -J	0.63	3575 T	0.58 0.05
J -I	0.23	1023 T	0.16 0.07
Webs			
P -Q	0.39	1968 C	
Q -O	0.71	1779 T	
O -R	0.35	1760 C	
R -N	0.54	1366 T	
N -Y	0.09	498 C	
N -AA	0.19	995 C	
AA-Z	0.23	581 T	
Z -BB	0.11	553 C	
BB-B	0.24	621 T	
B -A	0.07	398 C	
D -C	0.07	398 C	
D -DD	0.24	620 T	
DD-CC	0.11	552 C	
CC-EE	0.23	580 T	
EE-K	0.19	995 C	
K -FF	0.09	497 C	
K -W	0.54	1365 T	
W -J	0.35	1765 C	
J -X	0.71	1783 T	
X -I	0.39	1984 C	

TL Defl -0.78" in B -D L/358
LL Defl -0.60" in B -D L/467
Shear // Grain in R -Y 0.69

Plates for each ply each face.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
GG	LOCK	3.0x 4.0	Ctr	Ctr	0.60
Q	LOCK	4.0x 7.0	Ctr	Ctr	0.96
R	LOCK	4.0x 5.0	Ctr	Ctr	0.90
Y	LOCK	1.0x 3.0	Ctr	Ctr	0.90
AA	LOCK	3.0x 3.0	Ctr	Ctr	0.77
BB	LOCK	W3.0x 4.0	Ctr	Ctr	0.00
BB	LOCK	3.0x 3.0	Ctr	Ctr	0.95
A	LOCK	1.0x 3.0	Ctr	Ctr	0.90
C	LOCK	1.0x 3.0	Ctr	Ctr	0.90
DD	LOCK	3.0x 3.0	Ctr	Ctr	0.94
EE	LOCK	3.0x 3.0	Ctr	Ctr	0.77
FF	LOCK	1.0x 3.0	Ctr	Ctr	0.90
W	LOCK	4.0x 5.0	Ctr	Ctr	0.90
X	LOCK	4.0x 7.0	Ctr	Ctr	0.97
HH	LOCK	3.0x 4.0	Ctr	Ctr	0.60
P	LOCK	3.0x 7.0	Ctr	Ctr	0.94
O	LOCK	4.0x 7.0	Ctr	Ctr	0.96
N	LOCK	4.0x 6.0	Ctr	Ctr	0.99
Z	LOCK	3.0x 3.0	Ctr	Ctr	0.77
B	LOCK	3.0x 3.0	Ctr	Ctr	0.95
D	LOCK	3.0x 3.0	Ctr	Ctr	0.94
S1	RHS	W3.0x 7.0	Ctr	Ctr	0.00
S1	LOCK	N1.0x 3.0	Ctr	Ctr	0.00
CC	LOCK	3.0x 3.0	Ctr	Ctr	0.77
K	LOCK	4.0x 6.0	Ctr	Ctr	0.98
J	LOCK	4.0x 7.0	Ctr	Ctr	0.97
I	LOCK	3.0x 7.0	Ctr	Ctr	0.94

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 5669 Lbs
Max tens. force 5669 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R26	1	M150	260000	10400	0	0	T07080539

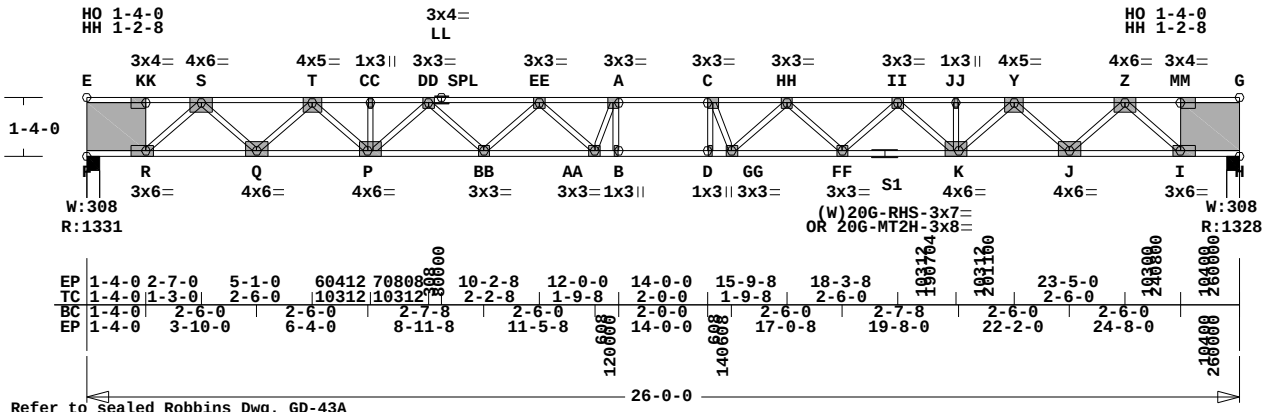
U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	19.2"
50	10	5	16"

ATTIC LOAD SCENARIOS
-Assumed Rafter Loading is 30 psf LL & 15 psf DL
-20 psf Floor LL behind kneewall
-40 psf Floor LL in room area between kneewalls

TCLL	TCDL	BCDL	SPACING
40	10	5	16" + Kneewall loads 510# at 5' & 21'
40	10	5	16" + Kneewall loads 490# at 6' & 20'



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

EXCEPT AS SHOWN ALL PLATES ARE LOCK20 OR MT20

Scale: 0.255" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 195.6 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	Size	Lumber
TC	0.66	4x 2	SP-#2
BC	0.99	4x 2	SP-#2
--	0.92	4x 2	SP-#1
	R -S1		
WB	0.66	4x 2	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	26- 0- 0
BC	Cont.	0- 0- 0	26- 0- 0

psf-Ld	Dead	Live
TC	10.0	40.0
BC	5.0	0.0
TC+BC	15.0	40.0
Total	55.0	Spacing 16.0"

Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
R	1332		
I	1329		

Jt	Brg Size	Required
R	3.5"	1.5"
I	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V 13	67	0.0'	26.0'
BC V 7	0	0.0'	26.0'

LC# 3 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V 13	53	0.0'	26.0'
BC V 7	0	0.0'	26.0'
TC V 0	-27	0.0'	5.0'
TC V 0	-27	21.0'	26.0'
TC V 255	255	5.0'	CL-LB
TC V 255	255	21.0'	CL-LB

LC# 4 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V 13	53	0.0'	26.0'
BC V 7	0	0.0'	26.0'
TC V 0	-27	0.0'	6.0'
TC V 0	-27	20.0'	26.0'
TC V 245	245	6.0'	CL-LB
TC V 245	245	20.0'	CL-LB

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
KK-S	0.24	540 T	0.08 0.16
S -T	0.21	2018 C	0.03 0.18
T -CC	0.60	3995 C	0.18 0.42
CC-DD	0.38	3995 C	0.16 0.22
DD-LL	0.33	4761 C	0.23 0.10
LL-EE	0.66	4761 C	0.39 0.27
EE-A	0.39	5212 C	0.33 0.06
A -C	0.60	5262 C	0.40 0.20
C -HH	0.40	5215 C	0.34 0.06
HH-II	0.66	4771 C	0.39 0.27
II-JJ	0.39	4012 C	0.17 0.22
JJ-Y	0.61	4012 C	0.19 0.42
Y -Z	0.22	2040 C	0.04 0.18
Z -MM	0.24	506 T	0.08 0.16
Bottom Chords			
R -Q	0.19	825 T	0.13 0.06
Q -P	0.56	3200 T	0.52 0.04
P -BB	0.78	4441 T	0.73 0.05
BB-AA	0.89	5063 T	0.83 0.06
AA-B	0.90	5262 T	0.86 0.04
B -D	0.92	5262 T	0.86 0.06
D -GG	0.90	5262 T	0.86 0.04
GG-FF	0.89	5070 T	0.83 0.06
FF-S1	0.78	4454 T	0.73 0.05
S1-K	0.99	4454 T	0.93 0.06
K -J	0.72	3219 T	0.67 0.05
J -I	0.24	850 T	0.17 0.07
Webs			
R -S	0.36	1819 C	
S -Q	0.66	1658 T	
Q -T	0.33	1643 C	
T -P	0.51	1291 T	
P -CC	0.08	448 C	
P -DD	0.15	792 C	
DD-BB	0.20	515 T	
BB-EE	0.09	490 C	
EE-AA	0.15	391 T	
AA-A	0.09	473 C	
B -A	0.10	270 T	
D -C	0.10	267 T	
C -GG	0.09	468 C	
GG-HH	0.15	388 T	
HH-FF	0.09	487 C	
FF-II	0.20	511 T	
II-K	0.15	788 C	
K -JJ	0.08	448 C	
K -Y	0.51	1287 T	
Y -J	0.32	1640 C	
J -Z	0.66	1655 T	
Z -I	0.36	1808 C	

TL Defl -0.89" in B -D L/342
LL Defl -0.56" in B -D L/541
Shear // Grain in T -CC 0.62

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt Type	Plt Size	X	Y	JSI
KK LOCK	3.0x 4.0-2.0 Ctr			0.60
S LOCK	4.0x 6.0 Ctr-0.5			0.96
T LOCK	4.0x 5.0 Ctr-0.5			0.85
CC LOCK	1.0x 3.0 Ctr Ctr			0.90
DD LOCK	3.0x 3.0 Ctr Ctr			0.69
LL LOCK W	3.0x 4.0 Ctr Ctr			0.00
EE LOCK	3.0x 3.0 Ctr Ctr			0.60
A LOCK	3.0x 3.0 Ctr Ctr			0.71
C LOCK	3.0x 3.0 Ctr Ctr			0.71
HH LOCK	3.0x 3.0 Ctr Ctr			0.60
II LOCK	3.0x 3.0 Ctr Ctr			0.68
JJ LOCK	1.0x 3.0 Ctr Ctr			0.90
Y LOCK	4.0x 5.0 Ctr-0.5			0.85
Z LOCK	4.0x 6.0 Ctr-0.5			0.96
MM LOCK	3.0x 4.0 2.0 Ctr			0.60
R LOCK	3.0x 6.0-1.0 Ctr			0.98
Q LOCK	4.0x 6.0 Ctr 0.5			0.96
P LOCK	4.0x 6.0 Ctr 0.5			0.93
BB LOCK	3.0x 3.0 Ctr Ctr			0.69
AA LOCK	3.0x 3.0-0.1 Ctr			0.71
B LOCK	1.0x 3.0 Ctr Ctr			0.90
D LOCK	1.0x 3.0 Ctr Ctr			0.90
GG LOCK	3.0x 3.0 0.1 Ctr			0.71
FF LOCK	3.0x 3.0 Ctr Ctr			0.68
S1 RHS	W3.0x 7.0 Ctr Ctr			0.00
K LOCK	4.0x 6.0 Ctr 0.5			0.93
J LOCK	4.0x 6.0 Ctr 0.5			0.96
I LOCK	3.0x 6.0 1.0 Ctr			0.97

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.
Max comp. force 5262 Lbs
Max tens. force 5262 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 8/14/2007

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
02979	16R28	1	M150	280000	10400	0	0	T07080539

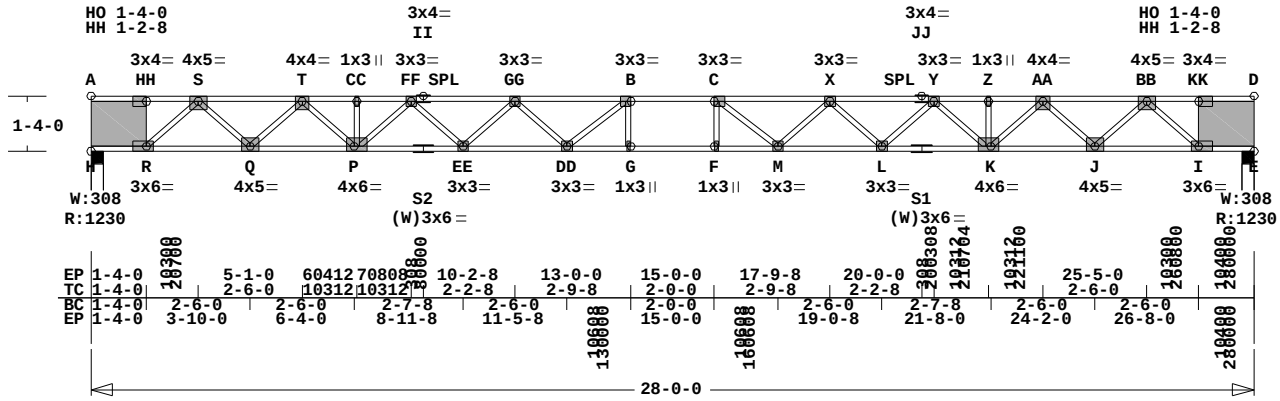
U# J#02979 16" SEALED SET

Loading Scenarios:

TCLL	TCDL	BCDL	SPACING
40	10	5	16"
50	10	5	16"

ATTIC LOAD SCENARIOS
-Assumed Rafter Loading is 30 psf LL & 15 psf DL
-20 psf Floor LL behind kneewall
-40 psf Floor LL in room area between kneewalls

TCLL	TCDL	BCDL	SPACING
40	10	5	12" + Kneewall loads 432# at 5' & 23'
40	10	5	12" + Kneewall loads 418# at 6' & 22'



Refer to sealed Robbins Dwg. GD-43A for trim-truss end detail.

ALL PLATES ARE LOCK20 OR MT20

Scale: 0.237" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 205.5 LBS

Online Plus -- Version 21.0.059
RUN DATE: 14-AUG-07

	CSI	-Size-	----Lumber----
TC	0.86	4x 2	SP-#2
BC	0.74	4x 2	SP-2100f-1.8E
WB	0.55	4x 2	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	28- 0- 0
BC	Cont.	0- 0- 0	28- 0- 0

psf-Ld	Dead	Live
TC	7.0	27.0
BC	3.5	0.0
TC+BC	10.5	27.0

Total 37.5 Spacing 24.0"
Lumber Duration Factor 1.00
Plate Duration Factor 1.00
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
R	1231		
I	1230		

Jt	Brg Size	Required
R	3.5"	1.5"
I	3.5"	1.5"

LC# 2 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	14	67	0.0' 28.0'
BC V	7	0	0.0' 28.0'

LC# 3 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	10	40	0.0' 28.0'
BC V	5	0	0.0' 28.0'
TC V	0	-20	23.0' 28.0'
TC V	0	-20	0.0' 5.0'
TC V	216	216	23.0' CL-LB
TC V	216	216	5.0' CL-LB

LC# 4 NonStandard Loading
Dur Fctrs - Lbr 1.00 Plt 1.00

plf - Dead	Live*	From	To
TC V	10	40	0.0' 28.0'
BC V	5	0	0.0' 28.0'
TC V	0	-20	22.0' 28.0'
TC V	0	-20	0.0' 6.0'
TC V	209	209	22.0' CL-LB
TC V	209	209	6.0' CL-LB

Plus 2 Unbalanced Load Cases

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
HH-S	0.28	590 T	0.12 0.16
S -T	0.21	1596 C	0.04 0.17
T -CC	0.46	3282 C	0.12 0.34
CC-FF	0.30	3282 C	0.11 0.19
FF-II	0.31	4334 C	0.20 0.11
II-GG	0.55	4334 C	0.33 0.22
GG-B	0.86	5014 C	0.50 0.36
B -C	0.47	5265 C	0.37 0.10
C -X	0.86	5015 C	0.50 0.36
X -JJ	0.55	4335 C	0.33 0.22
JJ-Y	0.31	4335 C	0.20 0.11
Y -Z	0.30	3284 C	0.11 0.19
Z -AA	0.46	3284 C	0.12 0.34
AA-BB	0.21	1598 C	0.04 0.17
BB-KK	0.28	582 T	0.12 0.16
Bottom Chords			
R -Q	0.11	596 T	0.06 0.05
Q -P	0.31	2590 T	0.28 0.03
P -S2	0.46	3858 T	0.42 0.04
S2-EE	0.46	3858 T	0.42 0.04
EE-DD	0.57	4791 T	0.52 0.05
DD-G	0.74	5265 T	0.34 0.40
G -F	0.74	5265 T	0.34 0.40
F -M	0.74	5265 T	0.34 0.40
M -L	0.57	4792 T	0.52 0.05
L -S1	0.46	3860 T	0.42 0.04
S1-K	0.46	3860 T	0.42 0.04
K -J	0.31	2592 T	0.28 0.03
J -I	0.11	598 T	0.06 0.05
Webs			
R -S	0.31	1577 C	
S -Q	0.55	1391 T	
Q -T	0.27	1381 C	
T -P	0.44	1103 T	
P -CC	0.07	380 C	
P -FF	0.18	925 C	
FF-EE	0.26	661 T	
EE-GG	0.12	635 C	
GG-DD	0.15	397 T	
DD-B	0.11	553 C	
G -B	0.07	181 T	
F -C	0.07	180 T	
C -M	0.11	552 C	
M -X	0.15	397 T	
X -L	0.12	635 C	
L -Y	0.26	660 T	
Y -K	0.18	924 C	
K -Z	0.07	380 C	
K -AA	0.44	1102 T	
AA-J	0.27	1381 C	
J -BB	0.55	1391 T	
BB-I	0.31	1570 C	

TL Defl -0.96" in G -F L/340
LL Defl -0.73" in G -F L/448
Shear // Grain in T -CC 0.52

Plates for each ply each face.
TRUSS MEETS IRC 2003 CODE
REPORTS: NER 691 ESR-1311
USING GROSS AREA TEST.
Plate - LOCK 20 Ga, Gross Area
Plate - RHS 20 Ga, Gross Area

Jt Type	Plt Size	X	Y	JSI
HH LOCK	3.0x	4.0	2.0 Ctr	0.60
S LOCK	4.0x	5.0	Ctr-0.5	0.92
T LOCK	4.0x	4.0	Ctr-0.5	0.89
CC LOCK	1.0x	3.0	Ctr Ctr	0.90
FF LOCK	3.0x	3.0	Ctr Ctr	0.88
II LOCK W	3.0x	4.0	Ctr Ctr	0.00
GG LOCK	3.0x	3.0	Ctr Ctr	0.60
B LOCK	3.0x	3.0	Ctr Ctr	0.60
C LOCK	3.0x	3.0	Ctr Ctr	0.60
X LOCK	3.0x	3.0	Ctr Ctr	0.60
JJ LOCK W	3.0x	4.0	Ctr Ctr	0.00
Y LOCK	3.0x	3.0	Ctr Ctr	0.88
Z LOCK	1.0x	3.0	Ctr Ctr	0.90
AA LOCK	4.0x	4.0	Ctr-0.5	0.89
BB LOCK	4.0x	5.0	Ctr-0.5	0.92
KK LOCK	3.0x	4.0	2.0 Ctr	0.60
R LOCK	3.0x	6.0	-1.0 Ctr	0.85
Q LOCK	4.0x	5.0	Ctr 0.5	0.92
P LOCK	4.0x	6.0	Ctr 0.5	0.80
S2 LOCK W	3.0x	6.0	Ctr Ctr	0.00
EE LOCK	3.0x	3.0	Ctr Ctr	0.88
DD LOCK	3.0x	3.0	Ctr Ctr	0.60
G LOCK	1.0x	3.0	Ctr Ctr	0.90
F LOCK	1.0x	3.0	Ctr Ctr	0.90
M LOCK	3.0x	3.0	Ctr Ctr	0.60
L LOCK	3.0x	3.0	Ctr Ctr	0.88
S1 LOCK W	3.0x	6.0	Ctr Ctr	0.00
K LOCK	4.0x	6.0	Ctr 0.5	0.80
J LOCK	4.0x	5.0	Ctr 0.5	0.92
I LOCK	3.0x	6.0	1.0 Ctr	0.85

REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ROBBINS ENG. GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.
NOTES:
Trusses Manufactured by:
Capitol Truss, Inc.
Analysis Conforms To:
ANSI/TPI 95 & 02
Provide 2X6 continuous strongbacks (on edge) every 10.0 Ft. Fasten to each truss w/ 3-16d nails at truss member(s).
This truss must be installed as shown. It cannot be installed upside-down.

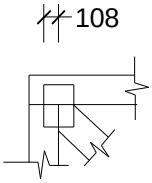
Max comp. force 5265 Lbs
Max tens. force 5265 Lbs
Quality Control Factor 1.25

Truss Design Engineer: Thomas A. Albani
License #: 17130
Address: P.O. Box 280055, Tampa, FL 33682

Date Sealed: 8/14/2007

ROBBINS ENG. GENERAL NOTES & SYMBOLS

PLATE LOCATION



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

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

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

LATERAL BRACING

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

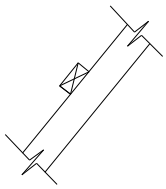
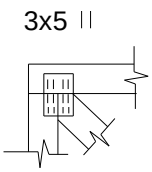


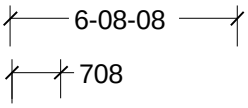
PLATE SIZE AND ORIENTATION

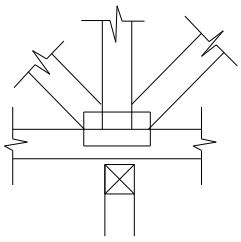


The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

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





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

BEARING

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

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

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

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

Robbins Engineering, Inc.

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www.robbinseng.com