

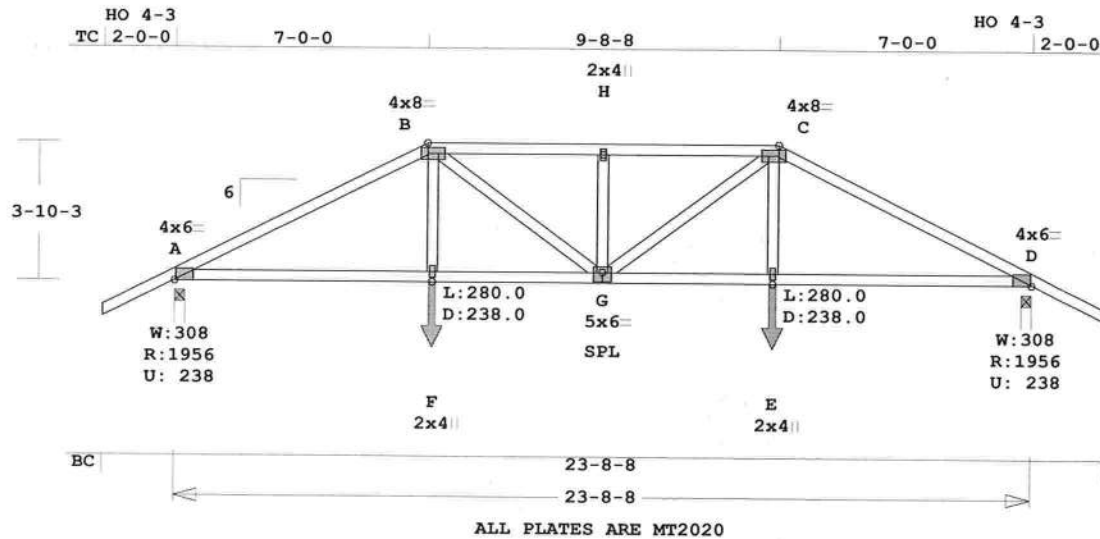
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R1

Quan
1type
HIPPspan
230808Pl-H1
6Left OH
2- 0- 0Right OH
2- 0- 0

Engineering

84-CCBA- Spec House



Scale: 0.188" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 140.9 LBS
Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

Plus 1 DL Load Case(s)

Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7'-0"-0"

OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 12'-0"
Exposure Category: B
Occupancy Factor: 1.00
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf

Max comp. force 3707 Lbs
Max tens. force 3111 Lbs
Fabrication Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

	CSI	Size	---Lumber---
TC	0.68	2x 4	SP-#2
BC	0.75	2x 4	SP-#2
WB	0.24	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	23- 8- 8	
BC Cont.	0- 0- 0	23- 8- 8	

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1957	239 U	70 R
D	1957	239 U	70 R

Jt	Brg Size	Required
A	3.5"	2.3"
D	3.5"	2.3"

LC# 1 Girder Loading

Dur Fctrs - Lbr 1.25 Plt 1.25

plf - Dead	Live*	From	To
TC V	14	40	0.0' 23.7'
BC V	20	0	0.0' 23.7'
TC V	18	50	7.0' 16.7'
BC V	25	0	7.1' 16.6'
BC V	238	280	7.1' CL-LB
BC V	238	280	16.6' CL-LB

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -B	0.55	3478 C	0.25 0.30
B -H	0.68	3707 C	0.11 0.57
H -C	0.68	3707 C	0.11 0.57
C -D	0.55	3478 C	0.25 0.30
-----Bottom Chords-----			
A -F	0.74	3111 T	0.57 0.17
F -G	0.75	3091 T	0.57 0.18
G -E	0.75	3091 T	0.57 0.18
E -D	0.74	3111 T	0.57 0.17
-----Webs-----			
F -B	0.21	701 T	
B -G	0.24	764 T	
G -H	0.17	668 C	
G -C	0.24	764 T	
E -C	0.21	701 T	

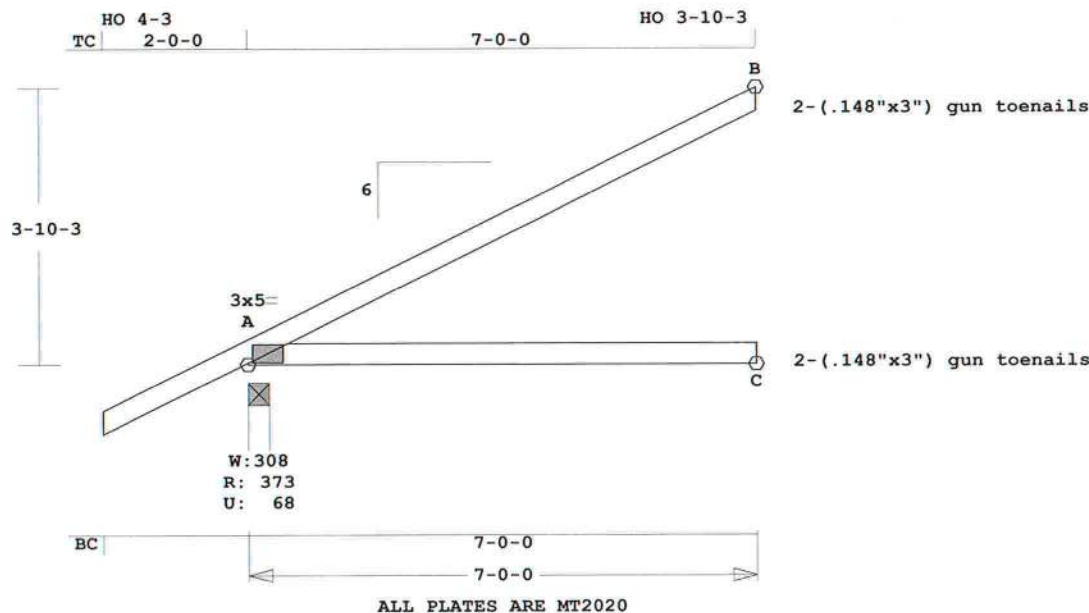
TL Defl -0.37" in G -E L/752
LL Defl -0.16" in G -E L/999
Shear // Grain in B -H 0.43

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 6.0 Ctr 0.1 0.93
B MT20 4.0x 8.0 Ctr Ctr 0.72
H MT20 2.0x 4.0 Ctr Ctr 0.31
C MT20 4.0x 8.0 Ctr Ctr 0.72
D MT20 4.0x 6.0 Ctr 0.1 0.93
F MT20 2.0x 4.0 Ctr Ctr 0.58
G MT20 5.0x 6.0 Ctr-0.5 0.80
E MT20 2.0x 4.0 Ctr Ctr 0.58

NOTES:

Trusses Manufactured by:
RIDGWAY ROOF TRUSS
Analysis Conforms To:
FBC2007
TPI 2002





Scale: 0.375" = 1'

Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

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

psf-Ld Dead Live
 TC 7.0 20.0
 BC 10.0 0.0
 TC+BC 17.0 20.0
 Total 37.0 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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	374	69 U	282 R
C	129		
B	176	82 U	72 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 8 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -B	0.52	164 C	0.00 0.52
-----Bottom Chords-----			
A -C	0.41	0 T	0.00 0.41

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.5 LBS

TL Defl -0.17" in A -C L/445
 LL Defl -0.07" in A -C L/999
 Shear // Grain in A -B 0.27

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47

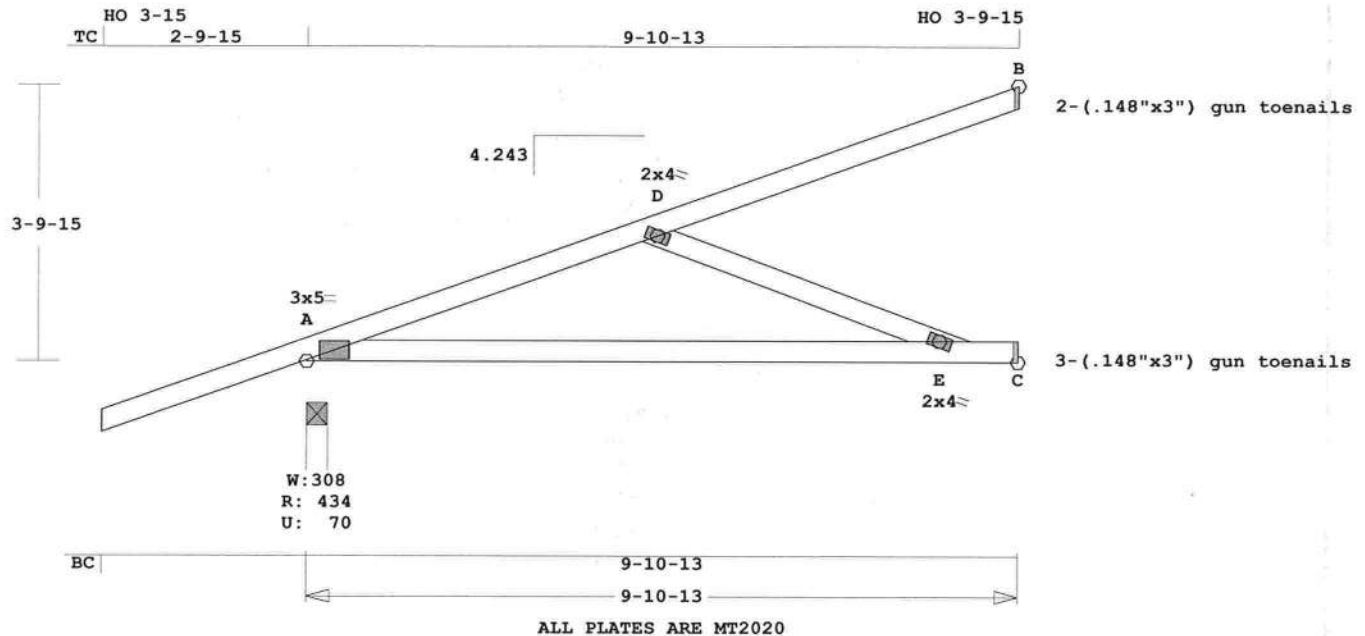
BC Dead Load: 6.0 psf
 Max comp. force 164 Lbs
 Max tens. force 45 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.

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

NOTES:
 Trusses Manufactured by:
 RIDGWAY ROOF TRUSS
 Analysis Conforms To:
 FBC2007
 TPI 2002
 OH Loading
 Soffit psf 2.0
 This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-05
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 12-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 4.0 psf

Engineering

84-CCBA- Spec House



Scale: 0.375" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 53.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

	CSI	-Size-	----Lumber----
TC	0.52	2x 4	SP-#2
BC	0.36	2x 4	SP-DSS
WB	0.25	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	9- 9- 5
BC	Cont.	0- 0- 0	9- 9- 5

psf-Ld	Dead	Live	
TC	7.0	20.0	
BC	10.0	0.0	
TC+BC	17.0	20.0	
Total	37.0	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	

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	434	71 U	259 R
C	327		78 R
B	219	101 U	

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC# 1 Girder Loading

Dur	Fctrs	- Lbr	1.25	Plt	1.25
plf	- Dead	Live*	From	To	
TC V	14	40	0.0'	9.9'	
BC V	20	0	0.0'	9.9'	
TC V	-14	-40	0.0'		
	16	45		9.9'	
BC V	-20	0	0.0'		
	22	0		9.9'	

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -D	0.42	524 C	0.00 0.42
D -B	0.52	127 C	0.00 0.52
-----Bottom Chords-----			
A -E	0.36	544 C	0.01 0.35
E -C	0.18	77 T	0.00 0.18
-----Webs-----			
D -E	0.25	580 T	

TL Defl	-0.57"	in A -E	L/200
LL Defl	-0.26"	in A -E	L/432
Hz Disp	LL	DL	TL
Jt B	0.00"	0.01"	0.01"
Shear //	Grain	in E -C	0.38

Plates for each ply each face.						
Plate - MT20 20 Ga, Gross Area						
Plate - MT2H 20 Ga, Gross Area						
Jt Type	Plt Size	X	Y	JSI		
A MT20	3.0x	5.0	Ctr	Ctr	0.51	
D MT20	2.0x	4.0	Ctr	Ctr	0.31	
E MT20	2.0x	4.0	Ctr	Ctr	0.35	

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

NOTES :

Trusses Manufactured by:
RIDGWAY ROOF TRUSS
Analysis Conforms To:
FBC2007
TPI 2002
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 7-05

Truss is designed as

Components and Claddings*
for Exterior zone location

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

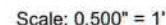
Max comp. force	559 Lbs
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Max tens. force	580 Lbs
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Fabrication Tolerance = 20%

This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 8.4 LBS

TL Defl	0.00"	in A -E	L/999
LL Defl	0.00"	in A -E	L/999
Shear //	Grain	in A -B	0.03

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47

BC Dead Load: 6.0 psf
Max comp. force 13 Lbs
Max tens. force 9 Lbs
Fabrication Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

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

NOTES:
Trusses Manufactured by:
RIDGWAY ROOF TRUSS
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.
Design checked for 10 psf non-
concurrent LL on BC.

Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 12-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 4.0 psf

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Membr  CSI  P Lbs  Axl-CSt-Bnd
-----Top Chords-----
A -B   0.00   13 C
-----Bottom Chords-----
A -C   0.00    9 T

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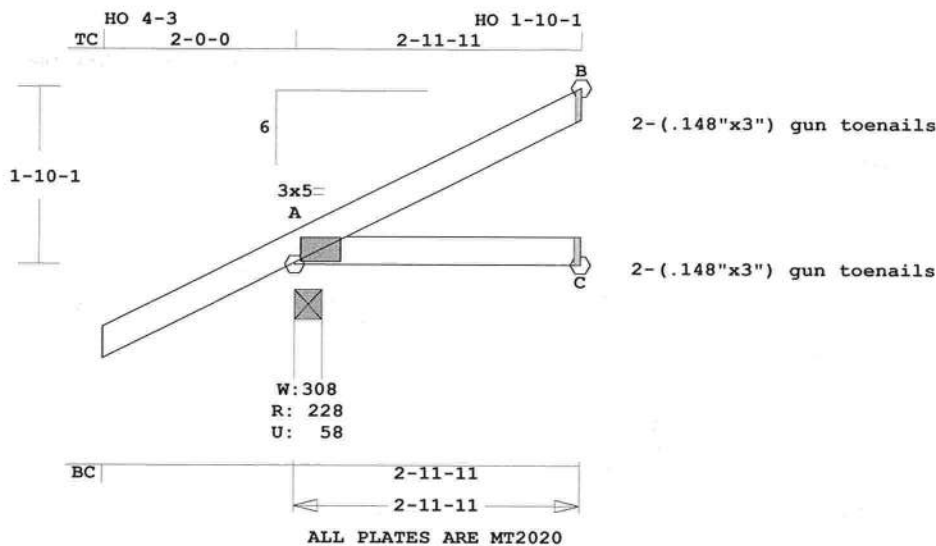
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R5

Quan
8Type
JACK1Span
21111Pl-HI
6Left OH
2- 0- 0Right OH
0

Engineering

84-CCBA- Spec House



Scale: 0.500" = 1'

Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

CSI -Size- ----Lumber-----
 TC 0.09 2x 4 SP-#2
 BC 0.07 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	2-11-11
BC	Cont.	0- 0- 0	2-11-11

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	228	58 U	164 R
C	53		
B	76	36 U	30 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 8 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.09	85 C	0.00	0.09
-----Bottom Chords-----				
A -C	0.07	0 T	0.00	0.07

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.4 LBS

TL Defl 0.00" in A -C L/999
 LL Defl 0.00" in A -C L/999
 Shear // Grain in A -B 0.14

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47

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

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.

Design checked for 10 psf non-
 concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*
 for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

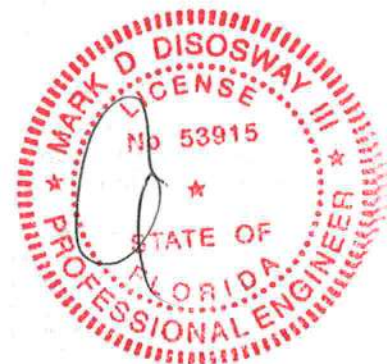
Exposure Category: B

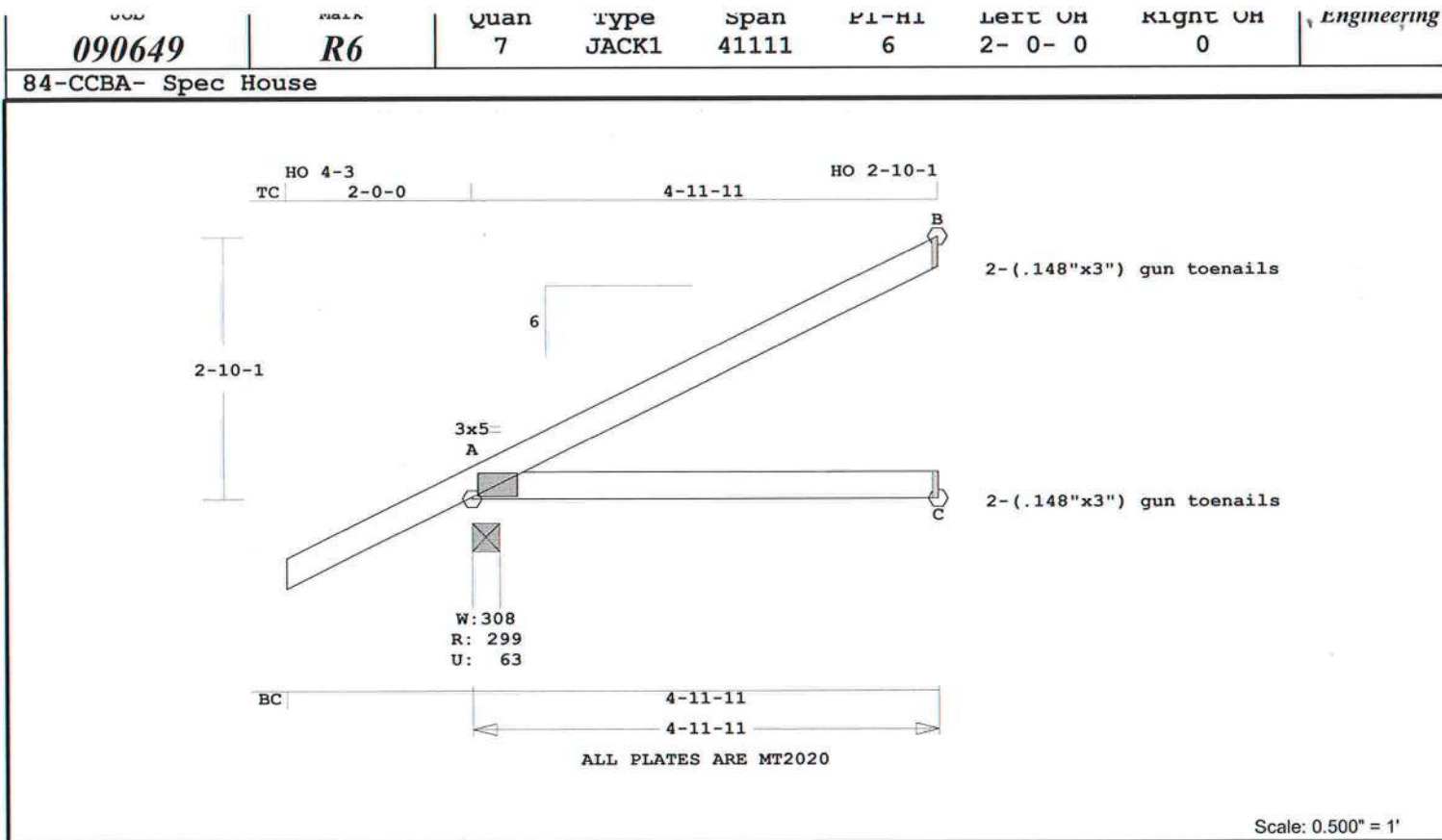
Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf
 Max comp. force 85 Lbs
 Max tens. force 19 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.





Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

CSI -Size- ----Lumber----
 TC 0.31 2x 4 SP-#2
 BC 0.23 2x 4 SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	4-11-11	
BC Cont.	0- 0- 0	4-11-11	

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	300	63 U	232 R
C	91		
B	126	59 U	51 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	1.5"
B	3.5"	1.5"

Plus 8 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Ax1	CSI-Bnd
-----Top Chords-----				
A -B	0.31	135 C	0.00	0.31
-----Bottom Chords-----				
A -C	0.23	0 T	0.00	0.23

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.4 LBS

TL Defl -0.04" in A -C L/999
 LL Defl -0.02" in A -C L/999
 Shear // Grain in A -B 0.22

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47

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

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.

Design checked for 10 psf non-
 concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*
 for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

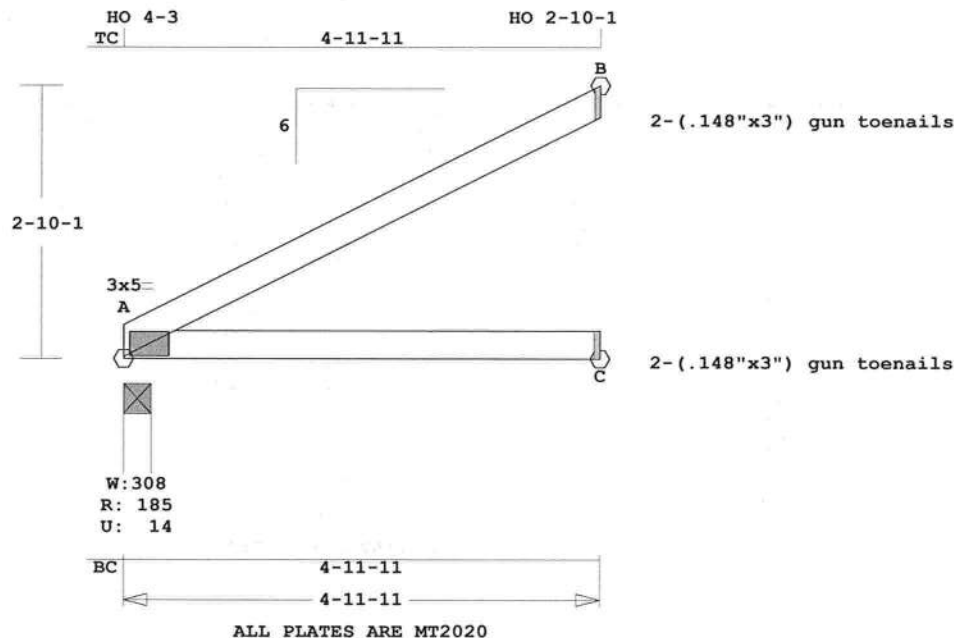
Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

84-CCBA- Spec House



Scale: 0.500" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 20.2 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

TL Defl	-0.05" in A -C	L/999
LL Defl	-0.02" in A -C	L/999
Shear //	Grain in A -B	0.23

Max tens. force 33 Lbs
Fabrication Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

CSI -Size- ----Lumber----

TC	0.34	2x 4	SP-#2
BC	0.27	2x 4	SP-#2

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4-11-11
BC	Cont.	0- 0- 0	4-11-11

psf-Ld	Dead	Live	
TC	7.0	20.0	
BC	10.0	0.0	
TC+BC	17.0	20.0	
Total	37.0	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	

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	186	15 U	232 R
C	90		
B	122	56 U	51 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

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Membr  CSI  P Lbs  Axl-CSI-Bnd
-----Top Chords-----
A -B  0.34    129 C  0.00  0.34
-----Bottom Chords-----
A -C  0.27     0 T  0.00  0.27

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

NOTES:

Trusses Manufactured by:
RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05
Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 11

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 129 Lbs



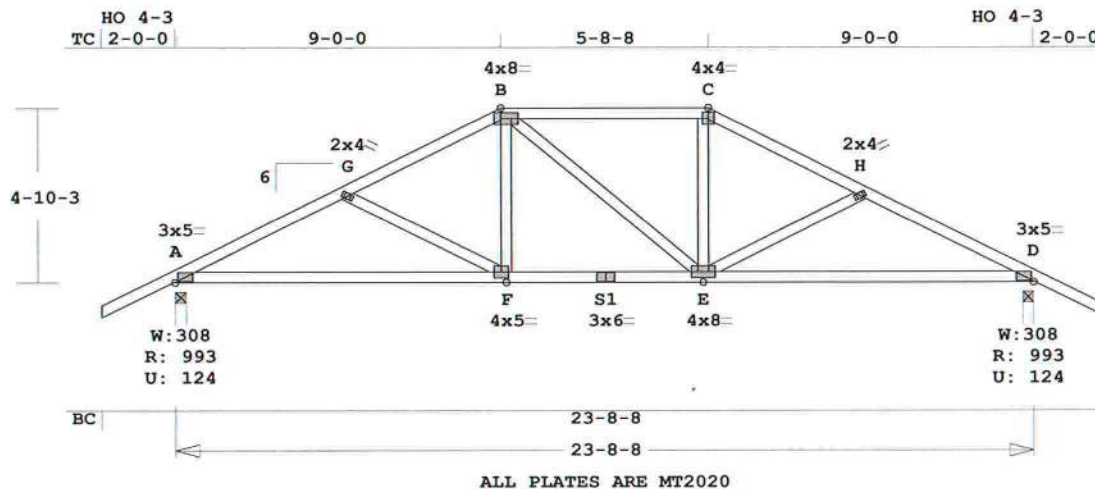
090649

R7

Quan
1Type
HIPPSpan
230808Pl-HI
6Left OH
2- 0- 0Right OH
2- 0- 0

Engineering

84-CCBA- Spec House



Scale: 0.188" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 149.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

	CSI	-Size-	-----Lumber-----
TC	0.28	2x 4	SP-#2
BC	0.42	2x 4	SP-#2
WB	0.12	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	23- 8- 8
BC	Cont.	0- 0- 0	23- 8- 8

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	993	124 U	91 R
D	993	124 U	91 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -G	0.23	1464 C	0.10 0.13
G -B	0.24	1209 C	0.08 0.16
B -C	0.28	1083 C	0.01 0.27
C -H	0.24	1209 C	0.08 0.16
H -D	0.23	1466 C	0.10 0.13
-----Bottom Chords-----			
A -F	0.41	1315 T	0.12 0.29

F -S1	0.40	1078 T	0.11 0.29
S1-E	0.41	1078 T	0.11 0.30
E -D	0.42	1318 T	0.12 0.30
-----Webs-----			
G -F	0.12	296 T	
F -B	0.08	329 T	
B -E	0.05	73 T	
E -C	0.08	329 T	
E -H	0.12	298 T	

TL Defl -0.30" in A -F L/938
LL Defl -0.14" in A -F L/999
Shear // Grain in B -C 0.18

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 Ctr Ctr 0.66
G MT20 2.0x 4.0 Ctr Ctr 0.28
B MT20 4.0x 8.0 Ctr Ctr 0.58
C MT20 4.0x 4.0 Ctr Ctr 0.58
H MT20 2.0x 4.0 Ctr Ctr 0.28
D MT20 3.0x 5.0 Ctr Ctr 0.66
F MT20 4.0x 5.0 Ctr Ctr 0.25
S1 MT20 3.0x 6.0 Ctr Ctr 0.39
E MT20 4.0x 8.0 Ctr Ctr 0.24

NOTES:

Trusses Manufactured by:
RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

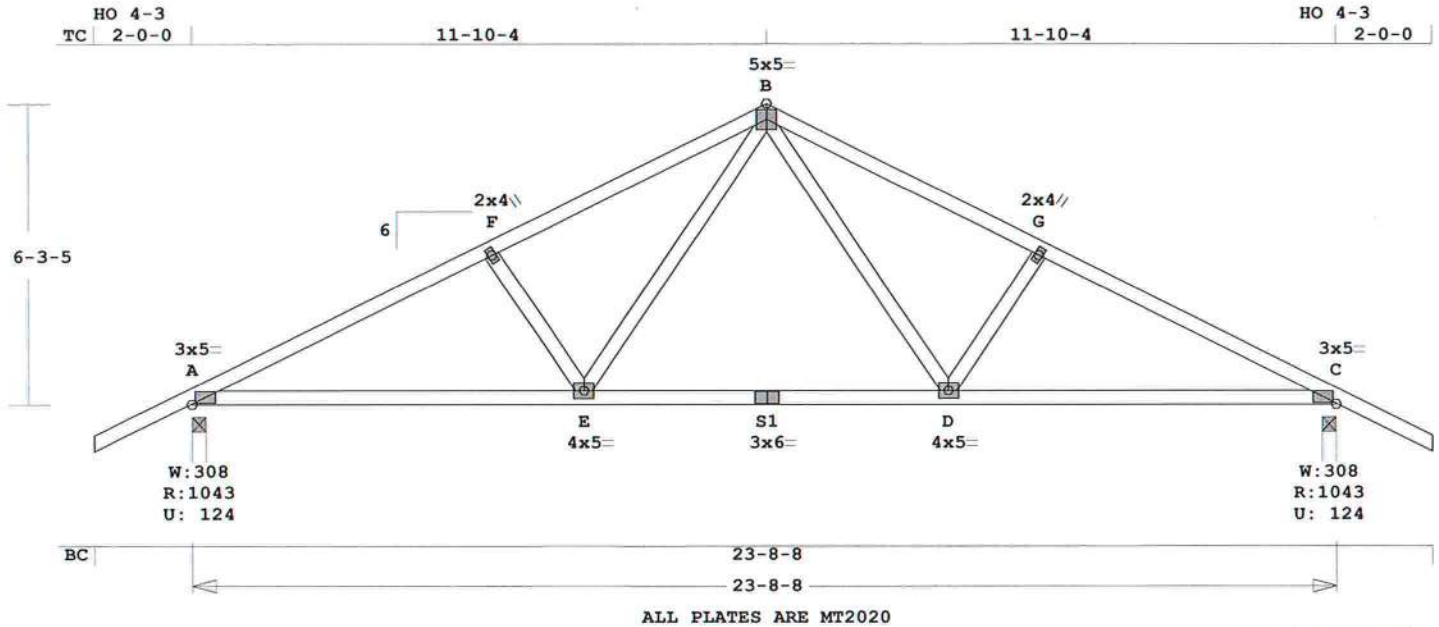
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.

Design checked for 10 psf non-

concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 12-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 1466 Lbs
Max tens. force 1318 Lbs
Fabrication Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

A circular red ink seal for a Professional Engineer in the State of Florida. The outer ring contains the text "MARK D. DISOSWAY III" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No 53915" is in the center, and "STATE OF FLORIDA" is at the bottom. A stylized signature is written over the seal.

84-CCBA- Spec House



Scale: 0.250" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 142.5 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

	CSI	-Size-	----Lumber----
TC	0.36	2x 4	SP-#2
BC	0.52	2x 4	SP-#2
WB	0.19	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	23- 8- 8
BC	Cont.	0- 0- 0	23- 8- 8

psf-Ld	Dead	Live	
TC	7.0	20.0	
BC	10.0	0.0	
TC+BC	17.0	20.0	
Total	37.0	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	

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1044	124 U	120 R
C	1044	124 U	120 R

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

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 BC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -F	0.36	1547 C	0.09	0.27
F -B	0.36	1381 C	0.09	0.27
B -G	0.36	1381 C	0.09	0.27
G -C	0.36	1547 C	0.09	0.27
-----Bottom Chords-----				
A -E	0.52	1389 T	0.23	0.29

E -S1	0.44	920 T	0.15	0.29
S1-D	0.44	920 T	0.15	0.29
D -C	0.52	1389 T	0.23	0.29
-----Webs-----				
F -E	0.08	333 T		
E -B	0.19	562 T		
B -D	0.19	562 T		
D -G	0.08	333 T		

TL Defl	-0.26"	in E -D	L/999
LL Defl	-0.16"	in E -D	L/999
Shear //	Grain	in A -F	0.20

Plates for each ply each face.						
Plate - MT20 20 Ga, Gross Area						
Plate - MT2H 20 Ga, Gross Area						
Jt	Type	Plt	Size	X	Y	JSI
A	MT20	3.0x	5.0	Ctr	Ctr	0.70
F	MT20	2.0x	4.0	Ctr	Ctr	0.30
B	MT20	5.0x	5.0	Ctr	Ctr	0.42
G	MT20	2.0x	4.0	Ctr	Ctr	0.30
C	MT20	3.0x	5.0	Ctr	Ctr	0.70
E	MT20	4.0x	5.0	Ctr	Ctr	0.27
S1	MT20	3.0x	6.0	Ctr	Ctr	0.67
D	MT20	4.0x	5.0	Ctr	Ctr	0.27

NOTES :

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 1547 Lbs

Max tens. force 1389 Lbs

Fabrication Tolerance = 20%

This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

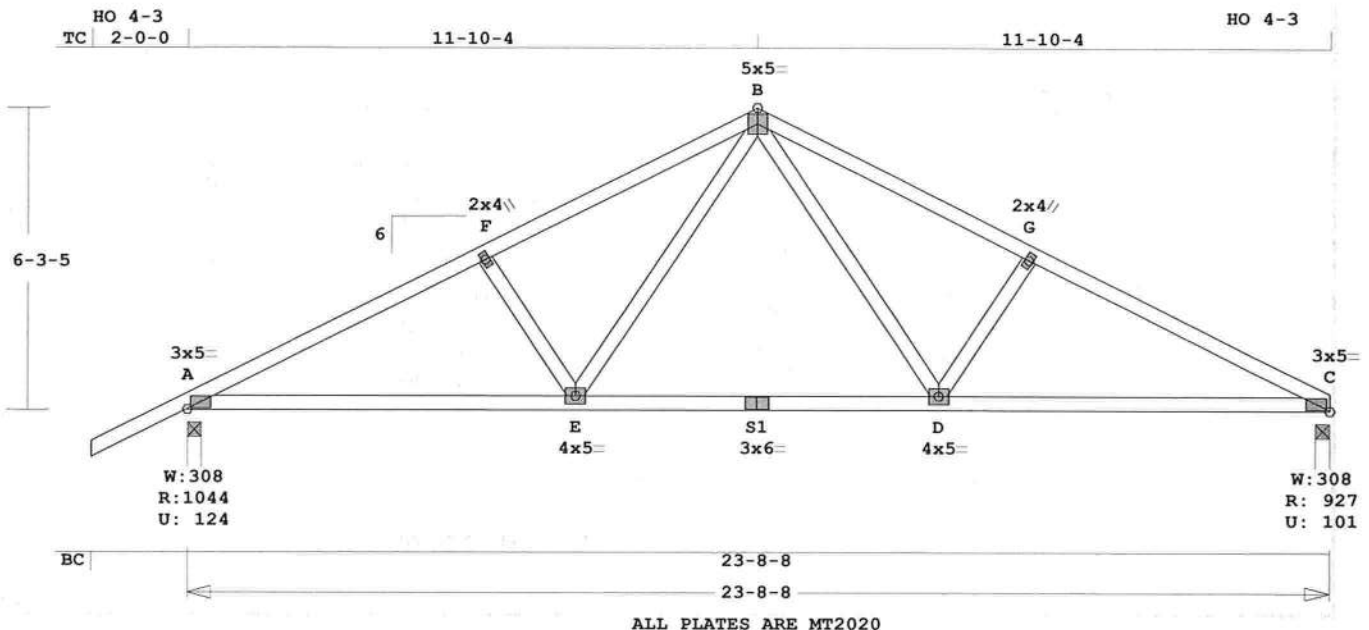
090649

R10

Quan
2Type
TRSpan
230808Pl-HI
6Left OH
2- 0- 0Right OH
0

Engineering

84-CCBA- Spec House



ALL PLATES ARE MT2020

Scale: 0.250" = 1'

Robbins Engineering, Inc./Online Plus™

APPROX. TRUSS WEIGHT: 138.2 LBS

Online Plus -- Version 25.0.008

RUN DATE: 15-DEC-09

CSI -Size- ---Lumber---

TC	0.37	2x 4	SP-#2
BC	0.52	2x 4	SP-#2
WB	0.20	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	23- 8- 8	
BC Cont.	0- 0- 0	23- 8- 8	

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1045	124 U	120 R
C	927	102 U	120 R

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

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 BC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -F	0.36	1549 C	0.09 0.27
F -B	0.36	1382 C	0.09 0.27
B -G	0.36	1385 C	0.09 0.27
G -C	0.37	1552 C	0.10 0.27
-----Bottom Chords-----			
A -E	0.52	1390 T	0.23 0.29

	E	S1	D	F	E	B	D	G
-S1	0.44	922 T	0.15	0.29				
S1-D	0.44	922 T	0.15	0.29				
D -C	0.52	1394 T	0.23	0.29				
-----Webs-----								
F -E	0.08	333 T						
E -B	0.19	562 T						
B -D	0.20	566 T						
D -G	0.08	335 T						

TL Defl	-0.26"	in E -D	L/999
LL Defl	-0.16"	in E -D	L/999
Shear //	Grain	in A -F	0.20

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.70
 F MT20 2.0x 4.0 Ctr Ctr 0.30
 B MT20 5.0x 5.0 Ctr Ctr 0.42
 G MT20 2.0x 4.0 Ctr Ctr 0.30
 C MT20 3.0x 5.0 Ctr Ctr 0.70
 E MT20 4.0x 5.0 Ctr Ctr 0.27
 S1 MT20 3.0x 6.0 Ctr Ctr 0.67
 D MT20 4.0x 5.0 Ctr Ctr 0.28

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*
 for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12'-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 1552 Lbs

Max tens. force 1394 Lbs

Fabrication Tolerance = 20%

This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.



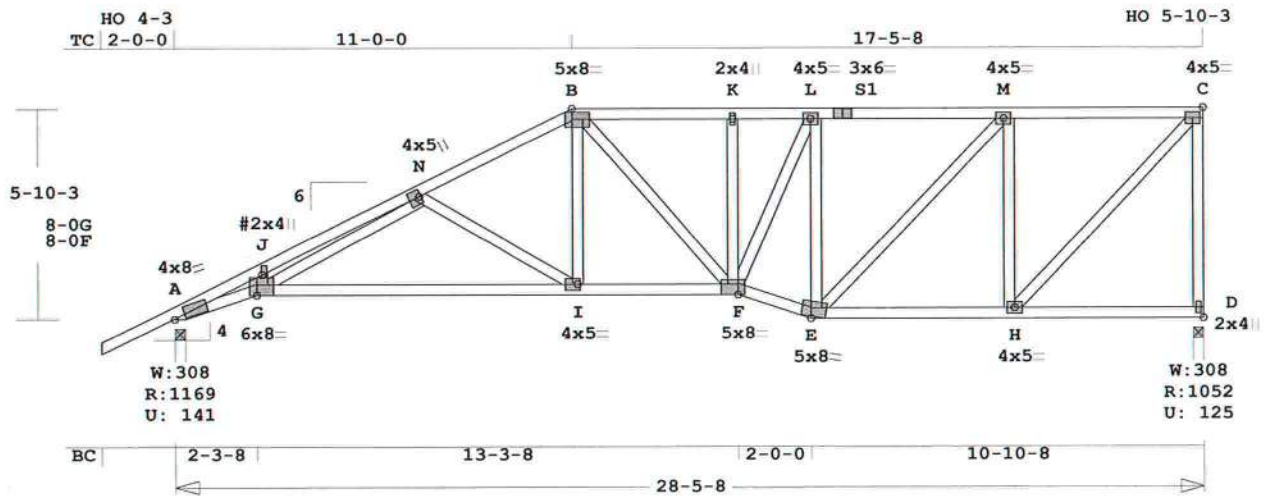
090649

R13

Quan
1Type
SPSpan
280508Pl-HI
6Left OH
2- 0- 0Right OH
0

Engineering

84-CCBA- Spec House



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.188" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 230.1 LBS

Online Plus -- Version 25.0.008

RUN DATE: 15-DEC-09

CSI -Size- ----Lumber----

TC	0.75	2x 4	SP-#2
BC	0.71	2x 4	SP-#2
WB	0.56	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	28- 5- 8	
BC Cont.	0- 0- 0	28- 5- 8	

psf-Ld Dead Live

TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1170	141 U	109 R
D	1052	126 U	197 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -J	0.59	3883 C	0.10 0.49
J -N	0.75	3779 C	0.14 0.61
N -B	0.31	1642 C	0.10 0.21
B -K	0.19	1509 C	0.01 0.18
K -L	0.17	1509 C	0.10 0.07
L -S1	0.15	1250 C	0.08 0.07
S1-M	0.30	1250 C	0.01 0.29
M -C	0.29	841 C	0.00 0.29

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

A -G	0.71	3521 T	0.59 0.12
G -I	0.59	1913 T	0.32 0.27
I -F	0.54	1453 T	0.15 0.39
F -E	0.39	1303 T	0.21 0.18
E -H	0.28	841 T	0.08 0.20
H -D	0.20	154 T	0.00 0.20

-----Webs-----

G -J	0.06	253 T
G -N	0.56	1767 T
N -I	0.26	534 C
I -B	0.14	492 T
B -F	0.05	82 T
F -K	0.08	192 C
F -L	0.17	559 T
E -L	0.38	692 C
E -M	0.29	586 T
H -M	0.41	754 C
H -C	0.52	1226 T
D -C	0.56	1010 C

TL Defl -0.62" in G -I L/541
 LL Defl -0.24" in G -I L/999
 Hz Disp LL DL TL
 Jt D 0.09" 0.12" 0.21"
 Shear // Grain in G -J 0.32

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 4.0x 8.0 Ctr Ctr 0.81
 J# MT20 2.0x 4.0 0.6 1.2 0.42
 N MT20 4.0x 5.0-1.3-0.7 0.81
 B MT20 5.0x 8.0 Ctr-0.1 0.49
 K MT20 2.0x 4.0 Ctr Ctr 0.31
 L MT20 4.0x 5.0 Ctr Ctr 0.30
 S1 MT20 3.0x 6.0 Ctr Ctr 0.39
 M MT20 4.0x 5.0 Ctr Ctr 0.27
 C MT20 4.0x 5.0 Ctr Ctr 0.57
 G MT20 6.0x 8.0 1.5-0.5 0.92
 I MT20 4.0x 5.0 Ctr Ctr 0.25
 F MT20 5.0x 8.0 Ctr-1.0 0.51
 E MT20 5.0x 8.0 1.0 3.1 0.50
 H MT20 4.0x 5.0 Ctr Ctr 0.57
 D MT20 2.0x 4.0 Ctr Ctr 0.31

= Plate Monitor used

NOTES:

Trusses Manufactured by:
 RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle

3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.

Design checked for 10 psf non-
 concurrent LL on BC.

NOTE: USER MODIFIED PLATES

This design may have plates
 selected through a plate
 monitor.

Wind Loads - ANSI / ASCE 7-05
 Truss is designed as

Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 3883 Lbs

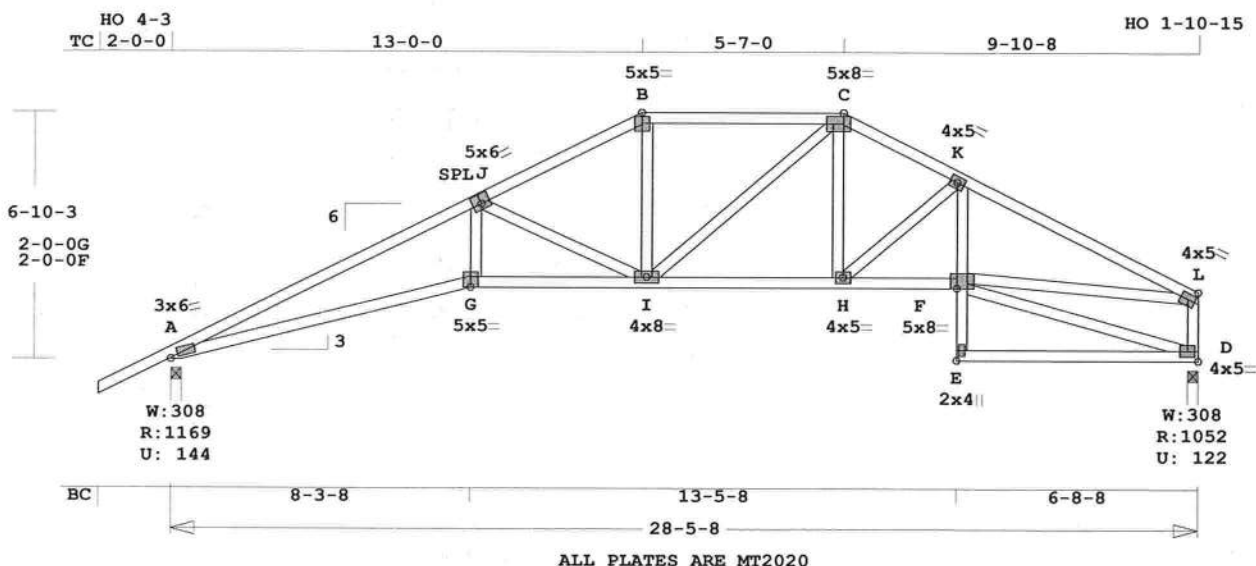
Max tens. force 3521 Lbs

Fabrication Tolerance = 20%

This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.

Engineering

84-CCBA- Spec House



Scale: 0.188" = 1'

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

	CSI	-Size-	----Lumber----
TC	0.99	2x 4	SP-#2
BC	0.73	2x 4	SP-#2
CW	0.22	2x 4	SP-#3
WB	0.64	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	28- 5- 8
BC	Cont.	0- 0- 0	28- 5- 8

psf-Ld	Dead	Live	
TC	7.0	20.0	
BC	10.0	0.0	
TC+BC	17.0	20.0	
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1170	144 U	133 R
D	1052	123 U	161 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -J	0.99	3148	C	0.28	0.71
J -B	0.44	1811	C	0.11	0.33
B -C	0.32	1614	C	0.02	0.30
C -K	0.43	1665	C	0.11	0.32
K -L	0.54	2026	C	0.07	0.47
-----Bottom Chords-----					

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 202.5 LBS

Arg.	Inc?	Prune	Prus	Approx.	Prus
A -G	0.73	2899	T	0.48	0.25
G -I	0.65	2814	T	0.47	0.18
I -H	0.31	1475	T	0.24	0.07
H -F	0.37	1829	T	0.30	0.07
E -D	0.32	27	T	0.00	0.32
-----Chord-Webs-----					
E -F	0.22	128	T	0.02	0.20
F -K	0.13	230	T	0.05	0.08
-----Webs-----					
G -J	0.26	838	T		
J -I	0.64	1332	C		
I -B	0.17	539	T		
I -C	0.11	180	T		
H -C	0.12	398	T		
H -K	0.16	449	C		
F -L	0.58	1824	T		
F -D	0.03	134	T		
D -L	0.16	976	C	WindLd	

TL Defl	-0.48"	in A -G	L/697
LL Defl	-0.20"	in A -G	L/999
Hz Disp	LL	DL	TL
Jt D	0.13"	0.16"	0.29"
Shear //	Grain	in A -J	0.25

Jt	Type	Plt	Size	X	Y	JSI
A	MT20	3.0x	6.0	Ctr	Ctr	0.91
J	MT20	5.0x	6.0-0.2	0.5	0.43	
B	MT20	5.0x	5.0	Ctr-0.2	0.51	
C	MT20	5.0x	8.0	Ctr-0.1	0.49	
K	MT20	4.0x	5.0	Ctr	Ctr	0.28
L	MT20	4.0x	5.0	Ctr	Ctr	0.77
G	MT20	5.0x	5.0	Ctr-1.0	0.75	
I	MT20	4.0x	8.0	Ctr	Ctr	0.60
H	MT20	4.0x	5.0	Ctr	Ctr	0.25
F	MT20	5.0x	8.0	Ctr	1.7	0.69
E	MT20	2.0x	4.0	Ctr	Ctr	0.58
D	MT20	4.0x	5.0	Ctr	Ctr	0.29

NOTES:
Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

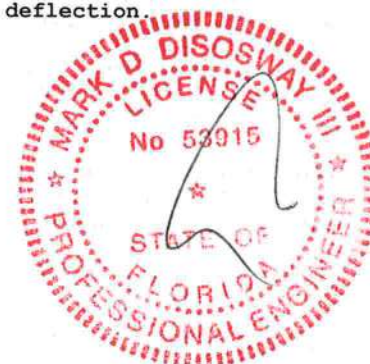
BC Dead Load: 6.0 psf

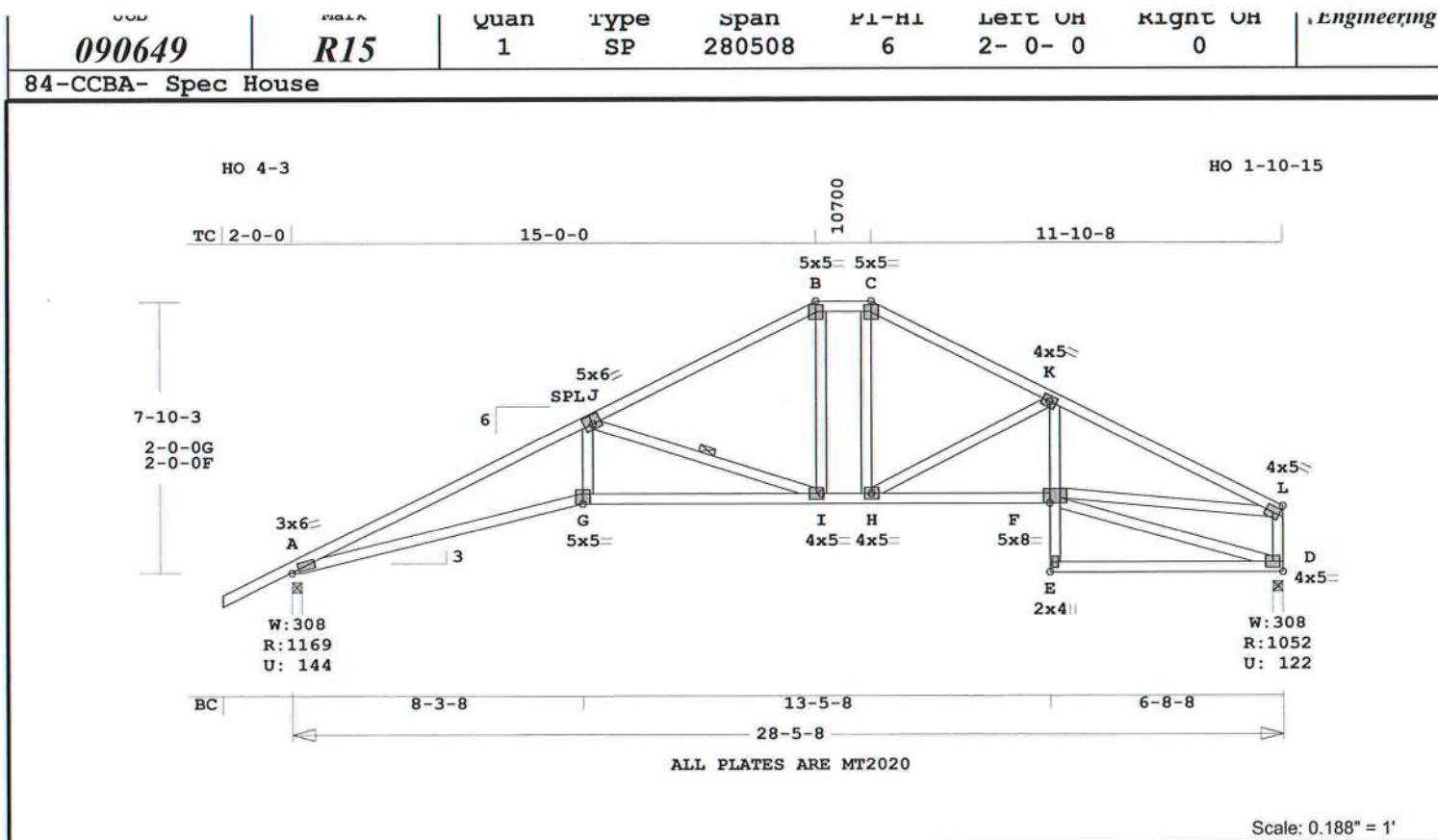
Max comp. force 3148 Lbs

Max tens. force 2899 Lbs

Fabrication Tolerance = 20%

This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.





Robbins Engineering, Inc./Online Plus™
 Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

CSI	Size	-----Lumber-----
TC	0.90	2x 4 SP-#2
BC	0.72	2x 4 SP-#2
CW	0.20	2x 4 SP-#3
WB	0.58	2x 4 SP-#3

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	28- 5- 8
BC Cont.	0- 0- 0	28- 5- 8

One Continuous Lateral Brace
 J -I
 Attach CLB with (2)-10d nails
 at each web.

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	1170	144 U	154 R
D	1052	123 U	182 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd
 -----Top Chords-----

APPROX. TRUSS WEIGHT: 201.5 LBS					
A -J	0.90	3179	C	0.28	0.62
J -B	0.51	1483	C	0.09	0.42
B -C	0.20	1316	C	0.10	0.10
C -K	0.45	1481	C	0.10	0.35
K -L	0.51	2039	C	0.07	0.44
-----Bottom Chords-----					
A -G	0.72	2931	T	0.49	0.23
G -I	0.66	2846	T	0.47	0.19
I -H	0.45	1316	T	0.22	0.23
H -F	0.53	1845	T	0.30	0.23
E -D	0.32	28	C	0.00	0.32
-----Chord-Webs-----					
E -F	0.20	128	T	0.02	0.18
F -K	0.20	283	T	0.07	0.13
-----Webs-----					
G -J	0.27	866	T		
J -I	0.43	1614	C		1 Br
I -B	0.15	471	T		
H -C	0.15	478	T		
H -K	0.39	598	C		
F -L	0.58	1838	T		
F -D	0.04	166	T		
D -L	0.16	977	C		WindLd

TL Defl	-0.51"	in A -G	L/661
LL Defl	-0.22"	in A -G	L/999
Hz Disp	LL	DL	TL
Jt D	0.13"	0.17"	0.30"
Shear //	Grain in A -J 0.25		

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 6.0 Ctr Ctr 0.91
 J MT20 5.0x 6.0-0.2 0.5 0.49
 B MT20 5.0x 5.0 Ctr-0.2 0.51
 C MT20 5.0x 5.0 Ctr-0.2 0.51
 K MT20 4.0x 5.0 Ctr Ctr 0.28
 L MT20 4.0x 5.0 Ctr Ctr 0.78
 G MT20 5.0x 5.0 Ctr-1.0 0.76
 I MT20 4.0x 5.0 Ctr Ctr 0.67
 H MT20 4.0x 5.0 Ctr Ctr 0.25

NOTES:

Trusses Manufactured by:
 RIDGWAY ROOF TRUSS
 Analysis Conforms To:
 FBC2007
 TPI 2002
 OH Loading
 Soffit psf 2.0
 This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-05
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 12-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 4.0 psf
 BC Dead Load: 6.0 psf
 Max comp. force 3179 Lbs
 Max tens. force 2931 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.

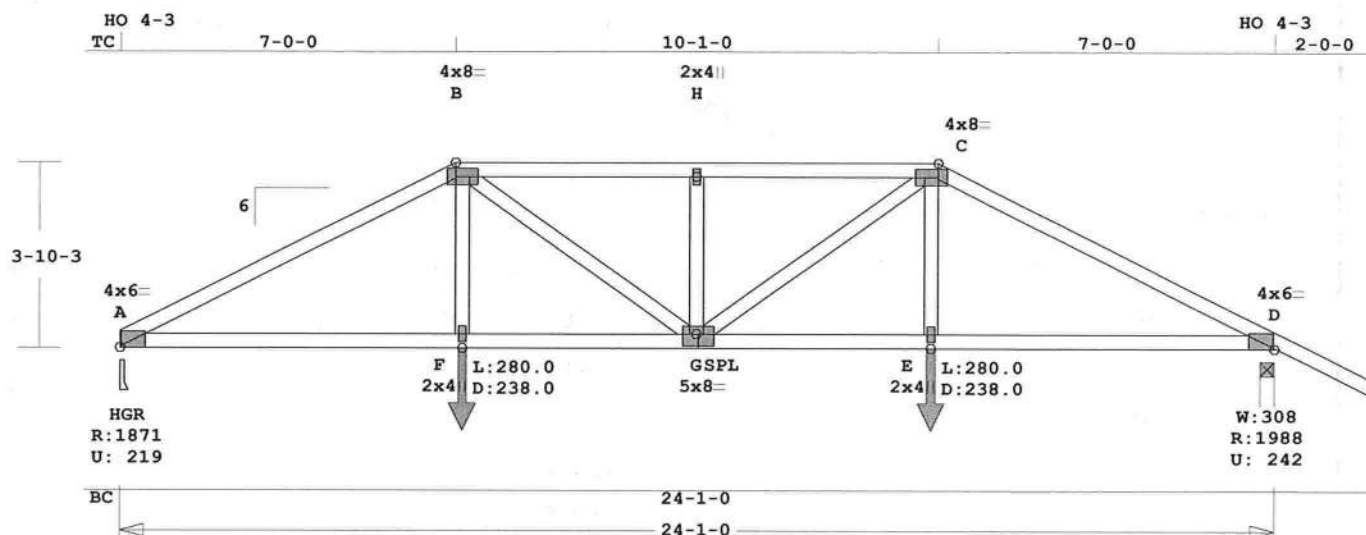
090649

R18

Quan
1Type
HIPPSpan
240100Pl-HI
6Left OH
0Right OH
2- 0- 0

Engineering

84-CCBA- Spec House



Scale: 0.250" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 138.7 LBS

Online Plus -- Version 25.0.008

RUN DATE: 15-DEC-09

CSI -Size- ---Lumber----

TC 0.74 2x 4 SP-#2

BC 0.78 2x 4 SP-#2

WB 0.26 2x 4 SP-#3

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 24- 1- 0

BC Cont. 0- 0- 0 24- 1- 0

psf-Ld Dead Live

TC 7.0 20.0

BC 10.0 0.0

TC+BC 17.0 20.0

Total 37.0 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

Total Load Reactions (Lbs)

Jt Down Uplift Horiz

A 1871 220 U 70 R

D 1988 243 U 70 R

Jt Brg Size Required

A 3.5" 2.2"

D 3.5" 2.3"

LC# 1 Girder Loading

Dur Fctrs - Lbr 1.25 Plt 1.25

plf - Dead Live* From To

TC V 14 40 0.0' 24.1'

BC V 20 0 0.0' 24.1'

TC V 18 50 7.0' 17.1'

BC V 25 0 7.1' 16.9'

BC V 238 280 7.1' CL-LB

BC V 238 280 16.9' CL-LB

Plus 9 Wind Load Case(s)

Plus 1 UBC LL Load Case(s)

Plus 1 DL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd

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

A -B 0.56 3551 C 0.25 0.31

B -H 0.74 3822 C 0.12 0.62

H -C 0.74 3822 C 0.12 0.62

C -D 0.55 3548 C 0.25 0.30

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

A -F 0.74 3178 T 0.58 0.16

F -G 0.78 3157 T 0.58 0.20

G -E 0.78 3154 T 0.58 0.20

E -D 0.76 3175 T 0.58 0.18

-----Webs-----

F -B 0.21 708 T

B -G 0.26 814 T

G -H 0.17 693 C

G -C 0.26 817 T

E -C 0.21 707 T

TL Defl -0.39" in G -E L/725

LL Defl -0.16" in G -E L/999

Shear // Grain in B -H 0.45

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A MT20 4.0x 6.0 Ctr 0.1 0.94

B MT20 4.0x 8.0 Ctr Ctr 0.74

H MT20 2.0x 4.0 Ctr Ctr 0.33

C MT20 4.0x 8.0 Ctr Ctr 0.73

D MT20 4.0x 6.0 Ctr 0.1 0.94

F MT20 2.0x 4.0 Ctr Ctr 0.58

G MT20 5.0x 8.0 Ctr-0.5 0.82

E MT20 2.0x 4.0 Ctr Ctr 0.58

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

Girder Step Down Hip

Framing King Jacks

Jack Open Faced

Setback 7- 0- 0

OH Loading

Soffit psf 2.0

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

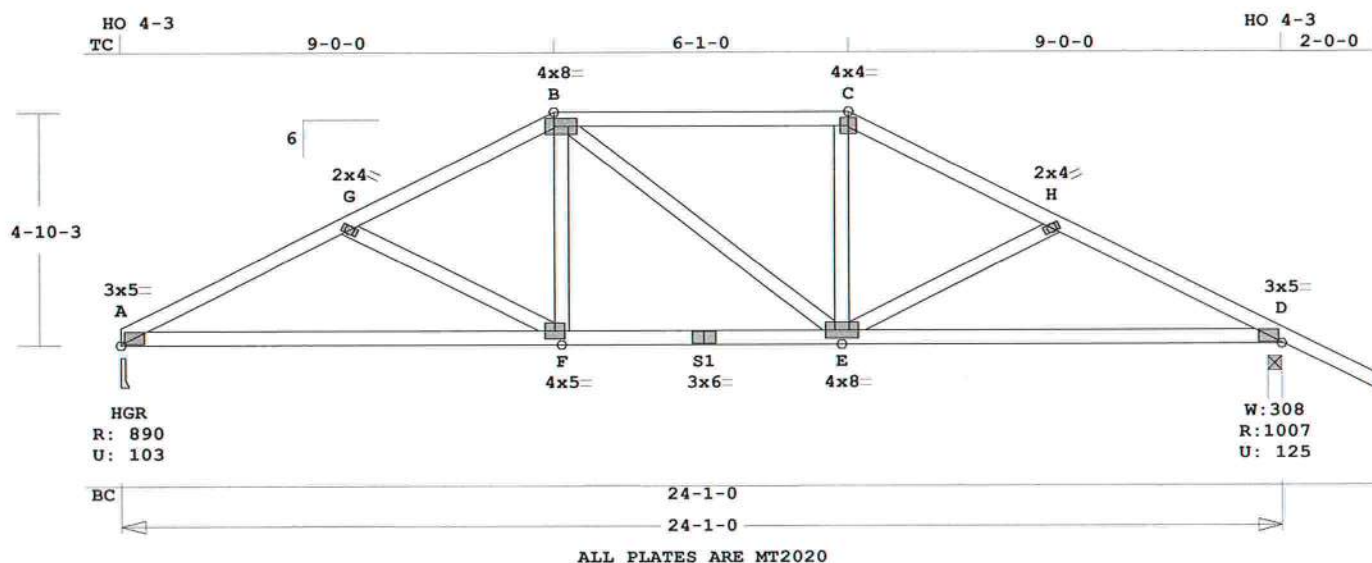
Max comp. force 3822 Lbs

Max tens. force 3178 Lbs

Fabrication Tolerance = 20%

This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.





Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

	CSI	-Size-	-----Lumber-----
TC	0.32	2x 4	SP-#2
BC	0.43	2x 4	SP-#2
WB	0.12	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	24- 1- 0
BC	Cont.	0- 0- 0	24- 1- 0

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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		

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	890	103 U	91 R
D	1008	126 U	91 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P	Lbs	Ax1	CSI-Bnd
-----Top Chords-----					
A -G	0.23	1498	C	0.10	0.13
G -B	0.23	1244	C	0.08	0.15
B -C	0.32	1114	C	0.01	0.31
C -H	0.24	1243	C	0.08	0.16
H -D	0.23	1497	C	0.10	0.13
-----Bottom Chords-----					
A -F	0.42	1346	T	0.12	0.30
F -S1	0.41	1111	T	0.11	0.30

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 147.3 LBS

S1-E	0.41	1111	T	0.11	0.30
E -D	0.43	1344	T	0.13	0.30
-----Webs-----					
G -F	0.12	298	T		
F -B	0.09	337	T		
B -E	0.06	75	T		
E -C	0.09	336	T		
E -H	0.12	295	T		

TL Defl -0.30" in A -F L/951
 LL Defl -0.13" in A -F L/999
 Shear // Grain in B -C 0.19

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.67
 G MT20 2.0x 4.0 Ctr Ctr 0.28
 B MT20 4.0x 8.0 Ctr Ctr 0.58
 C MT20 4.0x 4.0 Ctr Ctr 0.58
 H MT20 2.0x 4.0 Ctr Ctr 0.28
 D MT20 3.0x 5.0 Ctr Ctr 0.67
 F MT20 4.0x 5.0 Ctr Ctr 0.25
 S1 MT20 3.0x 6.0 Ctr Ctr 0.39
 E MT20 4.0x 8.0 Ctr Ctr 0.24

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.

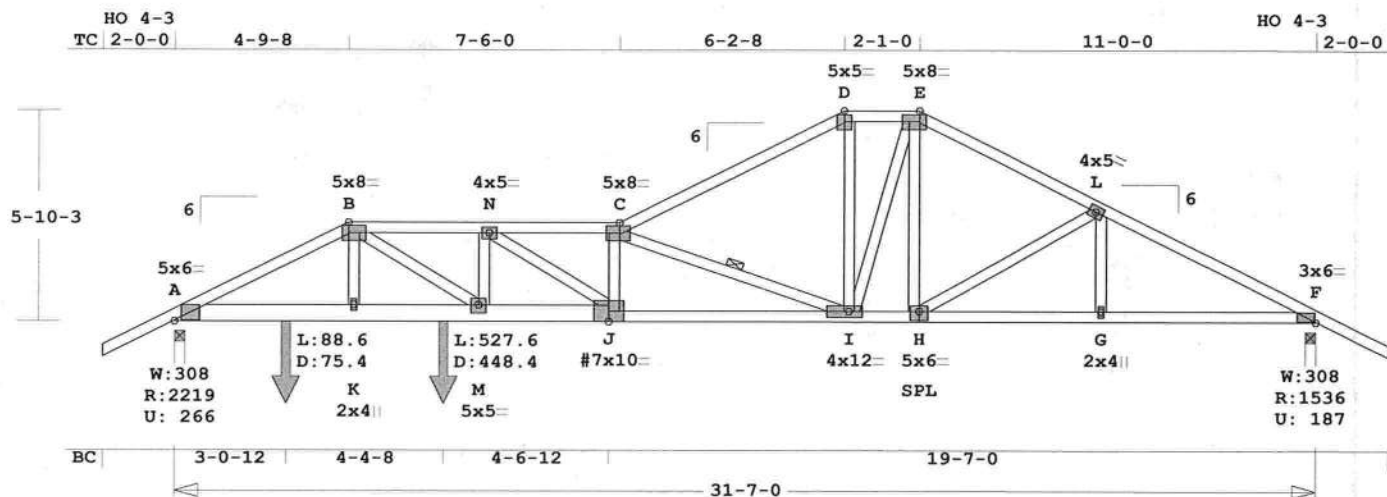
Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as Components and Claddings* for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 12-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 4.0 psf
 BC Dead Load: 6.0 psf
 Max comp. force 1498 Lbs
 Max tens. force 1346 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

090649	R20	Quan 1	Type SP	Span 310700	Pl-HI 6	Left OH 2- 0- 0	Right OH 2- 0- 0	Engineering
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84-CCBA- Spec House



ALL PLATES ARE MT2020, # = PLATE SELECTED IN PLATE MONITOR

Scale: 0.188" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 229.6 LBS
 Online Plus -- Version 25.0.008 Plus 1 UBC LL Load Case(s) H MT20 5.0x 6.0 Ctr-0.5 0.53
 RUN DATE: 15-DEC-09 Plus 1 DL Load Case(s) G MT20 2.0x 4.0 Ctr Ctr 0.31

CSI -Size- ---Lumber---
 TC 0.93 2x 4 SP-#2
 -- 0.59 2x 4 SP-DSS
 B -C
 BC 0.65 2x 4 SP-DSS
 -- 0.49 2x 6 SP-2400f-2.0E
 A -J
 -- 0.53 2x 4 SP-#2
 H -F
 WB 0.96 2x 4 SP-#3

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 31- 7- 0
 BC Cont. 0- 0- 0 31- 7- 0
 One Continuous Lateral Brace
 C -I
 Attach CLB with (2)-10d nails
 at each web.

psf-Ld Dead Live
 TC 7.0 20.0
 BC 10.0 0.0
 TC+BC 17.0 20.0
 Total 37.0 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

Total Load Reactions (Lbs)
 Jt Down Uplift Horiz-
 A 2219 267 U 117 R
 F 1536 187 U 117 R

Jt Brg Size Required
 A 3.5" 1.8"
 F 3.5" 1.8"

LC# 1 Standard Loading
 Dur Fctrs - Lbr 1.25 Plt 1.25
 plf - Dead Live* From To
 TC V 14 40 0.0' 31.6'
 BC V 20 0 0.0' 31.6'
 TC V 4 10 5.0' 7.5'
 BC V 5 0 5.0' 7.5'
 BC V 75 89 3.1' CL-LB
 BC V 448 528 7.4' CL-LB

Plus 9 Wind Load Case(s)

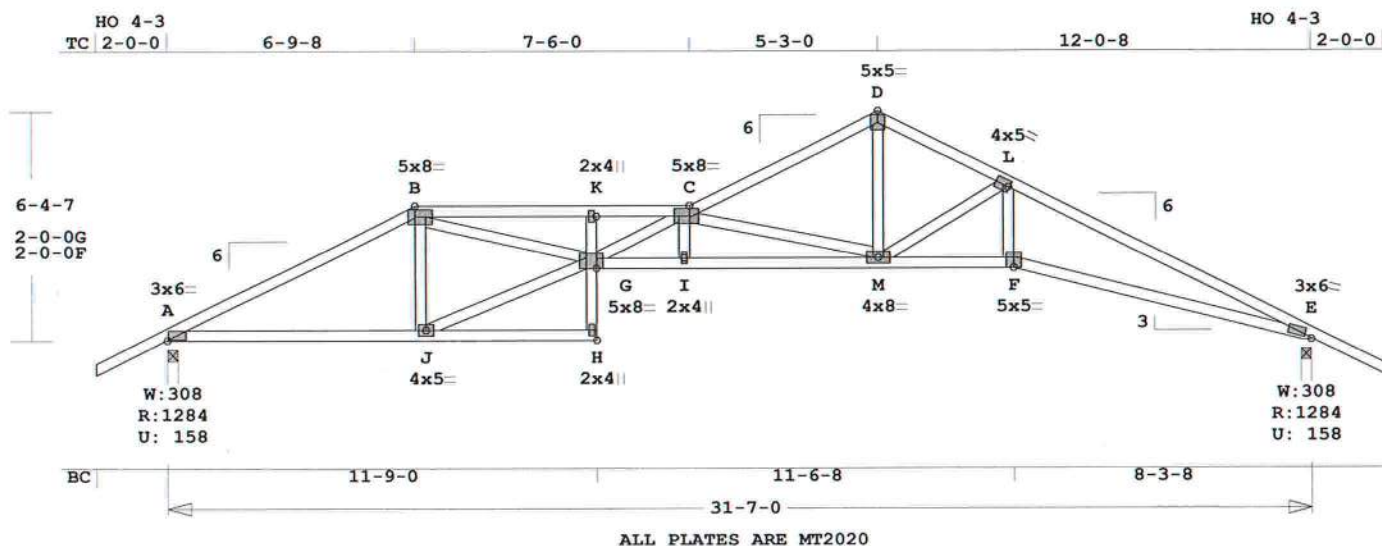
Membr CSI P Lbs Axl-CSI-Bnd
 -----Top Chords-----
 A -B 0.44 4183 C 0.30 0.14
 B -N 0.29 5448 C 0.15 0.14
 N -C 0.59 5695 C 0.14 0.45
 C -D 0.93 2426 C 0.10 0.83
 D -E 0.40 2197 C 0.18 0.22
 E -L 0.42 2225 C 0.17 0.25
 L -F 0.44 2611 C 0.18 0.26
 -----Bottom Chords-----
 A -K 0.25 3757 T 0.18 0.07
 K -M 0.49 3734 T 0.18 0.31
 M -J 0.34 5449 T 0.27 0.07
 J -I 0.65 5704 T 0.52 0.13
 I -H 0.31 1986 T 0.18 0.13
 H -G 0.52 2332 T 0.43 0.09
 G -F 0.53 2332 T 0.43 0.10
 -----Webs-----
 K -B 0.15 550 T
 B -M 0.65 2026 T
 M -N 0.03 171 C
 N -J 0.09 296 T
 J -C 0.05 227 T
 C -I 0.96 3722 C 1 Br
 I -D 0.23 723 T
 I -E 0.24 697 T
 H -E 0.06 216 T
 H -L 0.24 395 C
 G -L 0.05 211 T

TL Defl -0.86" in J -I L/433
 LL Defl -0.38" in J -I L/982
 Shear // Grain in K -M 0.56

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 5.0x 6.0 Ctr-0.1 0.97
 B MT20 5.0x 8.0 Ctr-0.1 0.80
 N MT20 4.0x 5.0 Ctr Ctr 0.25
 C MT20 5.0x 8.0-0.5 Ctr 0.86
 D MT20 5.0x 5.0 Ctr-0.2 0.51
 E MT20 5.0x 8.0 Ctr-0.1 0.49
 L MT20 4.0x 5.0 Ctr Ctr 0.28
 F MT20 3.0x 6.0 Ctr Ctr 0.98
 K MT20 2.0x 4.0 Ctr Ctr 0.45
 M MT20 5.0x 5.0 Ctr-0.2 0.80
 J MT20 7.0x10.0-0.1 0.1 0.80
 I MT20 4.0x12.0-1.5 Ctr 0.69

NOTES:
 Trusses Manufactured by:
 RIDGWAY ROOF TRUSS
 Analysis Conforms To:
 FBC2007
 TPI 2002
 OH Loading
 Soffit psf 2.0
 This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.
 Design checked for 10 psf non-
 concurrent LL on BC.
 NOTE: USER MODIFIED PLATES
 This design may have plates
 selected through a plate
 monitor.
 Wind Loads - ANSI / ASCE 7-05
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 12-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 4.0 psf
 BC Dead Load: 6.0 psf
 Max comp. force 5695 Lbs
 Max tens. force 5704 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.





Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

 * 2-Ply Truss *

CSI -Size- ----Lumber-----
 TC 0.48 2x 4 SP-#2
 BC 0.72 2x 4 SP-#2
 CW 0.66 2x 4 SP-#3
 WB 0.77 2x 4 SP-#3

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 7- 0
BC Cont.	0- 0- 0	31- 7- 0

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1284	158 U	129 R
E	1285	158 U	128 R

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

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -B	0.25	1987 C	0.01 0.24
B -K	0.48	5286 C	0.04 0.44
K -C	0.43	5396 C	0.04 0.39
C -D	0.32	2373 C	0.01 0.31
D -L	0.22	2410 C	0.08 0.14
L -E	0.35	3608 C	0.09 0.26
-----Bottom Chords-----			
A -J	0.25	1757 T	0.14 0.11
J -H	0.13	179 T	0.00 0.13
G -I	0.72	6537 T	0.54 0.18
I -M	0.66	6538 T	0.54 0.12

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 199.2 LBS

M -F	0.36	3223 T	0.27 0.09
F -E	0.39	3319 T	0.27 0.12
-----Chord-Webs-----			
H -G	0.66	58 T	0.00 0.66
G -K	0.34	327 T	0.05 0.29

-----Webs-----			
J -B	0.07	512 C	
J -G	0.27	1728 T	
B -G	0.58	3643 T	
G -C	0.17	1277 C	
I -C	0.02	172 T	
C -M	0.77	4500 C	
M -D	0.29	1824 T	
M -L	0.18	1257 C	
F -L	0.14	913 T	

TL Defl	-0.93"	in G -I	L/400
LL Defl	-0.41"	in G -I	L/903
Hz Disp	LL	DL	TL
Jt E	0.18"	0.23"	0.41"
Shear //	Grain	in K -C	0.25

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 6.0 Ctr Ctr 0.43
 B MT20 5.0x 8.0 Ctr Ctr 0.80
 K MT20 2.0x 4.0 Ctr Ctr 0.15
 C MT20 5.0x 8.0-1.0 Ctr 0.57
 D MT20 5.0x 5.0 Ctr Ctr 0.34
 L MT20 4.0x 5.0 Ctr Ctr 0.28
 E MT20 3.0x 6.0 Ctr Ctr 0.55
 J MT20 4.0x 5.0 Ctr Ctr 0.38
 H MT20 2.0x 4.0 Ctr Ctr 0.58
 G MT20 5.0x 8.0 Ctr 0.8 0.94
 I MT20 2.0x 4.0 Ctr Ctr 0.15
 M MT20 4.0x 8.0 Ctr Ctr 0.62
 F MT20 5.0x 5.0 Ctr-1.0 0.46

NOTES:

Trusses Manufactured by:
 RIDGWAY ROOF TRUSS
 Analysis Conforms To:
 FBC2007
 TPI 2002
 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 1	12	24	0
WB 1	8	8	

Web Connection Exception --
 Space screws or nails for the
 following webs-
 C -M @ 4" o.c.

OH Loading
 Soffit psf 2.0
 This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-05
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 12-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 4.0 psf
 BC Dead Load: 6.0 psf
 Max comp. force 5396 Lbs
 Max tens. force 6538 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.

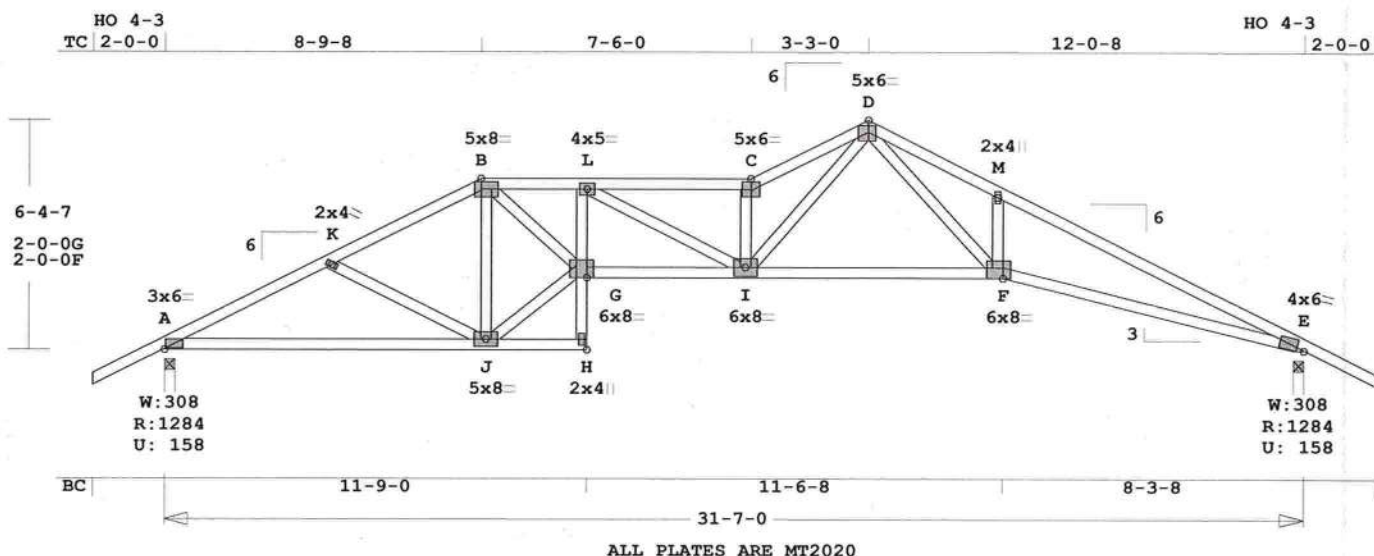
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R22

Quan
1type
SPSpan
310700Pl-HI
6Left OH
2- 0- 0Right OH
2- 0- 0

Engineering

84-CCBA- Spec House



Scale: 0.188" = 1'

Robbins Engineering, Inc./Online Plus™
Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

CSI -Size- ---Lumber---
TC 0.60 2x 4 SP-DSS
-- 0.44 2x 4 SP-#2
A -B B -C C -D
BC 0.74 2x 4 SP-#2
CW 0.30 2x 4 SP-#3
WB 0.84 2x 4 SP-#3

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 7- 0
BC Cont.	0- 0- 0	31- 7- 0

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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		

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1285	158 U	128 R
E	1284	158 U	129 R

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

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -K	0.28	2105 C	0.14	0.14
K -B	0.31	1847 C	0.12	0.19
B -L	0.36	3377 C	0.22	0.14
L -C	0.38	3765 C	0.24	0.14
C -D	0.44	4163 C	0.13	0.31

APPROX. TRUSS WEIGHT: 207.0 LBS

D -M	0.27	3638 C	0.12	0.15
M -E	0.60	3644 C	0.27	0.33
-----Bottom Chords-----				
A -J	0.50	1885 T	0.18	0.32
J -H	0.32	40 T	0.00	0.32
G -I	0.66	3399 T	0.57	0.09
I -F	0.48	2004 T	0.33	0.15
F -E	0.74	3353 T	0.56	0.18
-----Chord-Webs-----				
H -G	0.30	22 C	0.00	0.30
G -L	0.21	274 C	0.00	0.21
-----Webs-----				
K -J	0.12	300 T		
J -B	0.35	954 C		
J -G	0.65	2033 T		
B -G	0.73	2287 T		
L -I	0.13	415 T		
I -C	0.37	2040 C		
I -D	0.84	2640 T		
D -F	0.57	1777 T		
F -M	0.09	388 T		

TL Defl	-0.86"	in I -F	L/432
LL Defl	-0.37"	in I -F	L/999
Hz Disp	LL	DL	TL
Jt E	0.19"	0.24"	0.43"
Shear // Grain	in M -E	0.26	

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 6.0 Ctr Ctr 0.79
K MT20 2.0x 4.0 Ctr Ctr 0.28
B MT20 5.0x 8.0 Ctr-0.1 0.89
L MT20 4.0x 5.0 Ctr Ctr 0.25
C MT20 5.0x 6.0 Ctr Ctr 0.89
D MT20 5.0x 6.0-0.5-0.3 0.91
M MT20 2.0x 4.0 Ctr Ctr 0.28
E MT20 4.0x 6.0 Ctr Ctr 0.92
J MT20 5.0x 8.0 Ctr Ctr 0.82
H MT20 2.0x 4.0 Ctr Ctr 0.58
G MT20 6.0x 8.0 Ctr 1.2 0.88
I MT20 6.0x 8.0 Ctr Ctr 0.92
F MT20 6.0x 8.0-1.5-0.5 0.86

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide

will fit between the B.C.
and any other member.

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

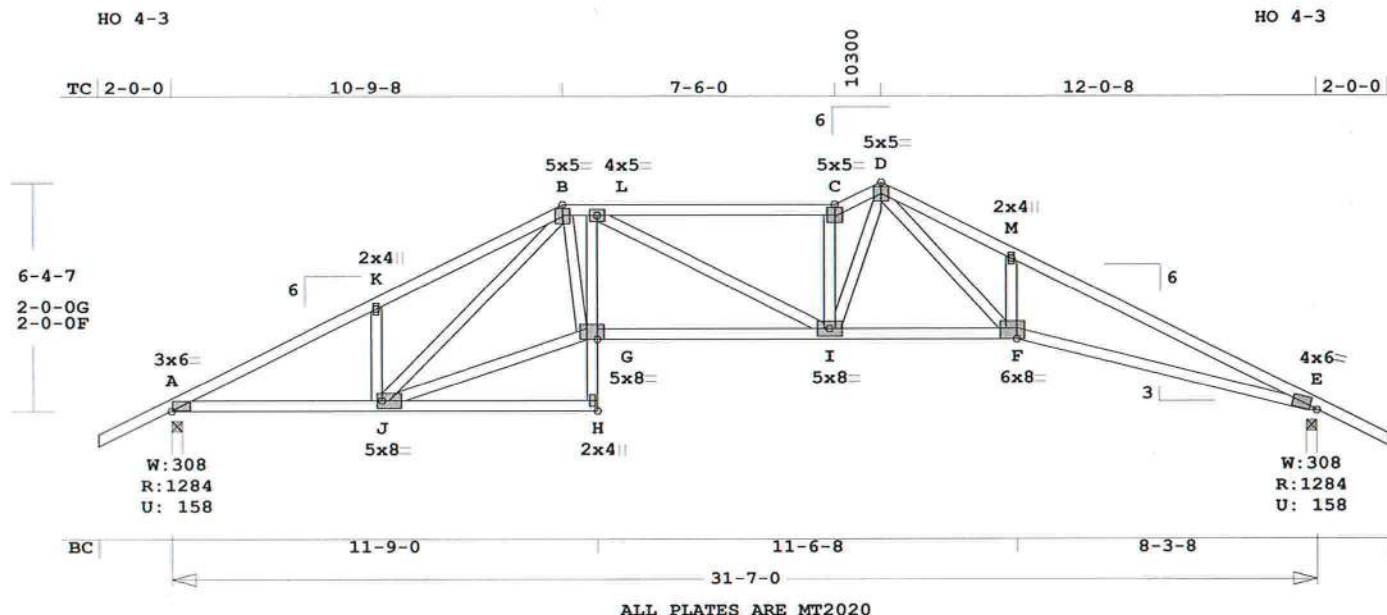
Max comp. force 4163 Lbs

Max tens. force 3399 Lbs

Fabrication Tolerance = 20%

This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.





Robbins Engineering, Inc./Online Plus™
 Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

CSI	-Size-	---	Lumber----
TC	0.62	2x 4	SP-DSS
--	0.42	2x 4	SP-#2
A -B	B -C	C -D	
BC	0.77	2x 4	SP-#2
CW	0.24	2x 4	SP-#3
WB	0.73	2x 4	SP-#3

Brace truss as follows:

O.C.	From	To
TC	Cont.	0- 0- 0 31- 7- 0
BC	Cont.	0- 0- 0 31- 7- 0

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1285	158 U	129 R
E	1285	158 U	129 R

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

Plus 9 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -K	0.36	2108 C	0.13	0.23
K -B	0.38	2119 C	0.15	0.23
B -L	0.31	2458 C	0.04	0.27
L -C	0.42	2619 C	0.09	0.33

C -D	0.23	2896 C	0.19	0.04
D -M	0.26	3607 C	0.12	0.14
M -E	0.62	3625 C	0.26	0.36

-----Bottom Chords-----				
A -J	0.40	1886 T	0.31	0.09
J -H	0.19	27 C	0.00	0.19
G -I	0.53	2476 T	0.41	0.12
I -F	0.44	2051 T	0.34	0.10
F -E	0.77	3335 T	0.56	0.21

-----Chord-Webs-----				
H -G	0.15	98 T	0.00	0.15
G -L	0.24	261 T	0.00	0.24

-----Webs-----				
J -K	0.08	349 T		
J -B	0.43	437 C		
J -G	0.73	2293 T		
B -G	0.35	1119 T		
L -I	0.11	160 T		
I -C	0.36	1460 C		
I -D	0.51	1613 T		
D -F	0.54	1687 T		
F -M	0.09	376 T		

TL Defl	-0.61"	in G -I	L/610
LL Defl	-0.26"	in I -F	L/999
Hz Disp	LL	DL	TL
Jt E	0.16"	0.20"	0.36"
Shear //	Grain	in M -E	0.26

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 6.0 Ctr Ctr 0.79
 K MT20 2.0x 4.0 Ctr Ctr 0.28
 B MT20 5.0x 5.0 Ctr-0.2 0.55
 L MT20 4.0x 5.0 Ctr Ctr 0.25
 C MT20 5.0x 5.0 Ctr Ctr 0.70
 D MT20 5.0x 5.0 Ctr Ctr 0.87
 M MT20 2.0x 4.0 Ctr Ctr 0.28
 E MT20 4.0x 6.0 Ctr Ctr 0.92
 J MT20 5.0x 8.0 2.5 Ctr 0.89
 H MT20 2.0x 4.0 Ctr Ctr 0.58
 G MT20 5.0x 8.0 Ctr 0.8 0.76
 I MT20 5.0x 8.0 Ctr Ctr 0.75

NOTES:
 Trusses Manufactured by:
 RIDGWAY ROOF TRUSS
 Analysis Conforms To:
 FBC2007
 TPI 2002
 OH Loading
 Soffit psf 2.0
 This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-05
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 12-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 4.0 psf
 BC Dead Load: 6.0 psf
 Max comp. force 3625 Lbs
 Max tens. force 3335 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.

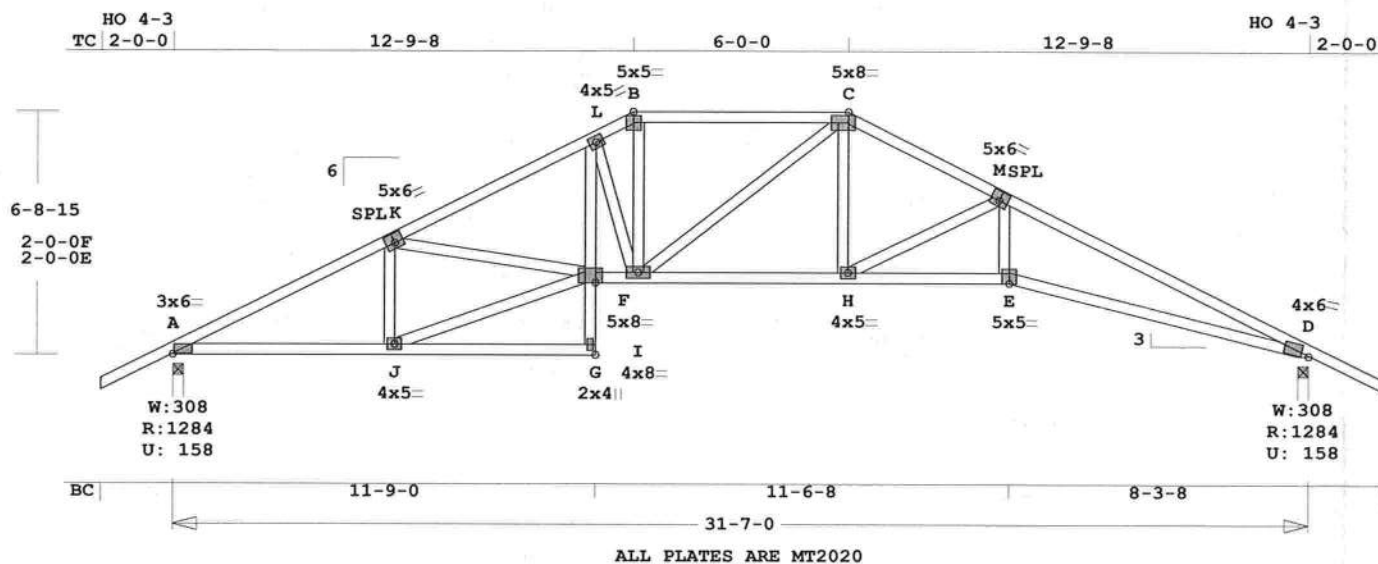
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R24

Quan
1type
SPspan
310700Pl-HI
6Left OH
2- 0- 0Right OH
2- 0- 0

Engineering

84-CCBA- Spec House



Scale: 0.188" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 219.8 LBS
Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

CSI -Size- ---Lumber---
TC 0.62 2x 4 SP-DSS
-- 0.43 2x 4 SP-#2
A -K K -B B -C C -M
BC 0.79 2x 4 SP-#2
CW 0.35 2x 4 SP-#3
WB 0.62 2x 4 SP-#3

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	31- 7- 0
BC Cont.	0- 0- 0	31- 7- 0

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1285	158 U	138 R
D	1285	158 U	138 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	3.5"	1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -K	0.38	2086 C	0.13 0.25
K -L	0.39	2437 C	0.14 0.25
L -B	0.31	2189 C	0.03 0.28
B -C	0.40	1994 C	0.04 0.36
C -M	0.43	2213 C	0.13 0.30

M	-D	0.62	3604 C	0.26	0.36
-----Bottom Chords-----					
A -J	0.39	1867 T	0.31	0.08	
J -G	0.18	47 T	0.00	0.18	
F -I	0.52	2175 T	0.36	0.16	
I -H	0.45	1965 T	0.33	0.12	
H -E	0.73	3218 T	0.54	0.19	
E -D	0.79	3314 T	0.55	0.24	
-----Chord-Webs-----					
G -F	0.35	91 T	0.01	0.34	
F -L	0.19	537 T	0.17	0.02	
-----Webs-----					
J -K	0.11	529 C			
J -F	0.62	1933 T			
K -F	0.09	311 T			
L -I	0.17	553 C			
I -B	0.22	698 T			
I -C	0.08	122 T			
H -C	0.22	690 T			
H -M	0.62	1383 C			
E -M	0.30	937 T			

TL Defl	-0.56"	in E -D	L/668
LL Defl	-0.24"	in E -D	L/999
Hz Disp	LL	DL	TL
Jt D	0.15"	0.19"	0.33"
Shear // Grain	in M -D	0.26	

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 6.0 Ctr Ctr 0.78
K MT20 5.0x 6.0-0.2 0.5 0.43
L MT20 4.0x 5.0 Ctr Ctr 0.33
B MT20 5.0x 5.0 Ctr-0.2 0.51
C MT20 5.0x 8.0 Ctr-0.1 0.49
M MT20 5.0x 6.0 0.2 0.5 0.47
D MT20 4.0x 6.0 Ctr Ctr 0.91
J MT20 4.0x 5.0 Ctr Ctr 0.84
G MT20 2.0x 4.0 Ctr Ctr 0.58
F MT20 5.0x 8.0 Ctr 0.8 0.64
I MT20 4.0x 8.0 Ctr Ctr 0.28
H MT20 4.0x 5.0 Ctr Ctr 0.56
E MT20 5.0x 5.0 Ctr-1.0 0.85

NOTES:

Trusses Manufactured by:
RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor: 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

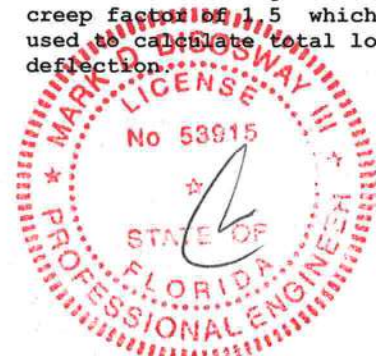
BC Dead Load: 6.0 psf

Max comp. force 3604 Lbs

Max tens. force 3314 Lbs

Fabrication Tolerance = 20%

This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.



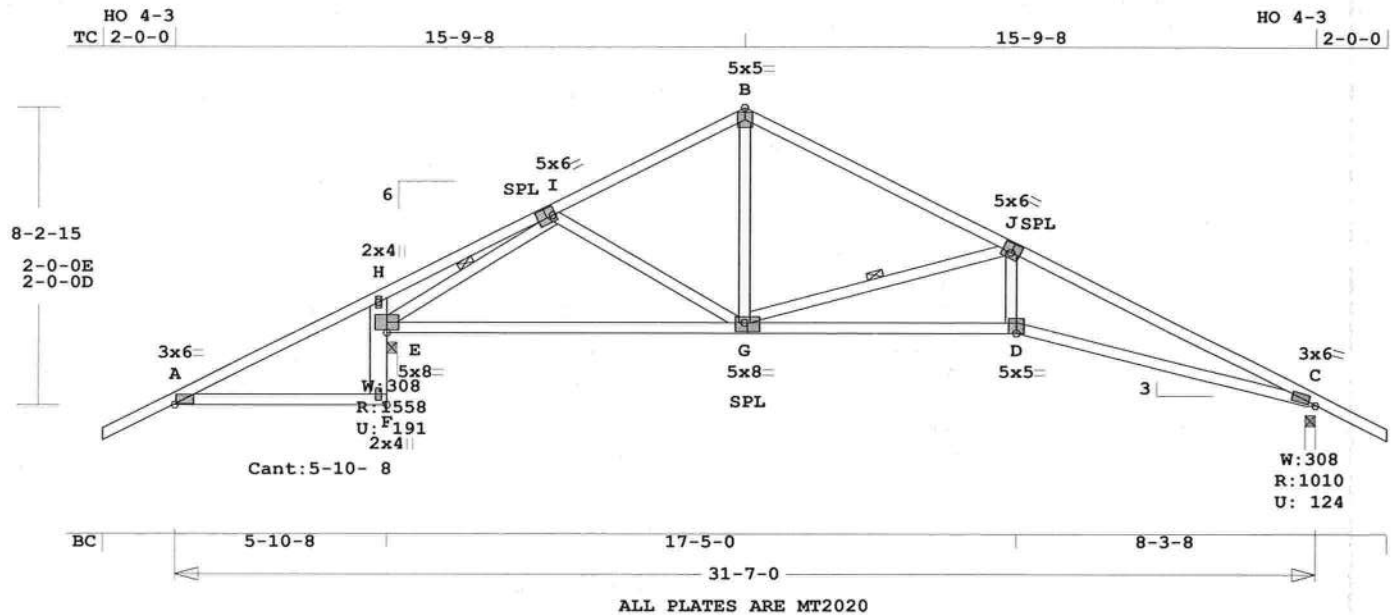
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R26

Quan
2Type
SPSpan
310700Pl-HI
6Left OH
2- 0- 0Right OH
2- 0- 0

Engineering

84-CCBA- Spec House



Scale: 0.188" = 1'

Robbins Engineering, Inc./Online Plus™
Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

CSI -Size- ---Lumber---
TC 0.79 2x 4 SP-#2
BC 0.74 2x 4 SP-#2
CW 0.56 2x 6 SP-2400f-2.0E
WB 0.56 2x 4 SP-#3

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 31- 7- 0
BC Cont. 0- 0- 0 31- 7- 0
One Continuous Lateral Brace
E -I G -J
Attach CLB with (2)-10d nails
at each web.

psf-Ld Dead Live
TC 7.0 20.0
BC 10.0 0.0
TC+BC 17.0 20.0
Total 37.0 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

Total Load Reactions (Lbs)

Jt Down Uplift Horiz-
E 1559 192 U 170 R
C 1011 124 U 170 R

Jt Brg Size Required
E 3.5" 1.7"
C 3.5" 1.5"

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr CSI P Lbs Axl-Csi-Bnd
-----Top Chords-----
A -H 0.65 630 T 0.11 0.54
H -I 0.79 1900 C 0.25 0.54

APPROX. TRUSS WEIGHT: 193.6 LBS
I -B 0.27 933 C 0.05 0.22
B -J 0.50 949 C 0.04 0.46
J -C 0.72 2538 C 0.18 0.54
-----Bottom Chords-----
A -F 0.22 603 T 0.07 0.15
E -G 0.74 686 T 0.07 0.67
G -D 0.63 2276 T 0.23 0.40
D -C 0.63 2345 T 0.39 0.24
-----Chord-Webs-----
F -E 0.56 97 T 0.00 0.56
E -H 0.48 266 C 0.00 0.48
-----Webs-----
E -I 0.56 2549 C 1 Br
I -G 0.10 181 T
G -B 0.15 567 T
G -J 0.45 1502 C 1 Br
D -J 0.23 719 T

TL Defl -0.40" in D -C L/746
LL Defl -0.16" in D -C L/999
LL Cant -0.24" in A -F L/288
Hz Disp LL DL TL
Jt C 0.07" 0.09" 0.17"
Shear // Grain in F -E 0.41

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 6.0 Ctr Ctr 0.43
H MT20 2.0x 4.0 Ctr Ctr 0.28
I MT20 5.0x 6.0-0.2 0.5 0.97
B MT20 5.0x 5.0 Ctr Ctr 0.34
J MT20 5.0x 6.0 0.2 0.5 0.97
C MT20 3.0x 6.0 Ctr Ctr 0.73
F MT20 2.0x 4.0 Ctr Ctr 0.91
E MT20 5.0x 8.0 Ctr Ctr 0.57
G MT20 5.0x 8.0 Ctr-0.5 0.60
D MT20 5.0x 5.0 Ctr-1.0 0.60

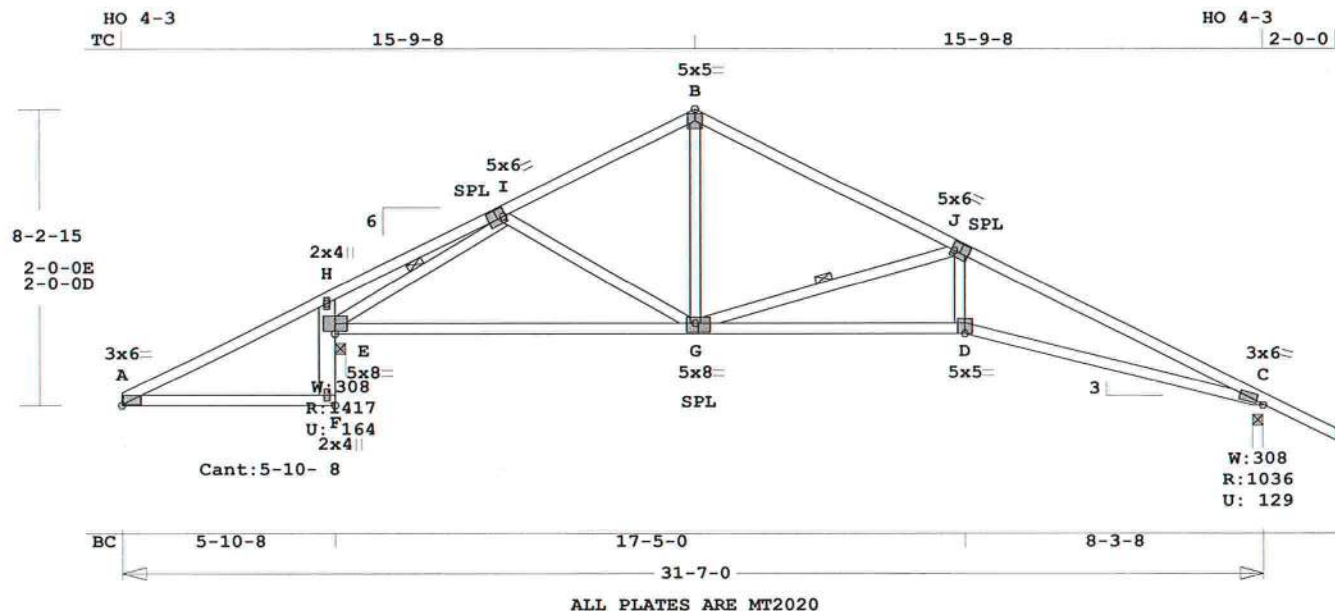
NOTES:

Trusses Manufactured by:
RIDGWAY ROOF TRUSS
Analysis Conforms To:

FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 12-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 2549 Lbs
Max tens. force 2345 Lbs
Fabrication Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.



84-CCBA- Spec House



Scale: 0.188" = 1'

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

	CSI	-Size-	-----Lumber-----
TC	0.74	2x 4	SP-#2
BC	0.72	2x 4	SP-#2
CW	0.65	2x 6	SP-#2
WB	0.46	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	31- 7- 0
BC	Cont.	0- 0- 0	31- 7- 0

One Continuous Lateral Brace
E -I G -J
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
E	1417	165 U	170 R
C	1036	129 U	170 R

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

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -H	0.53	386 T	0.07	0.46
H -I	0.59	884 C	0.13	0.46

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 189.4 LBS

I -B	0.29	1011 C	0.07	0.22
B -J	0.51	1025 C	0.07	0.44
J -C	0.74	2640 C	0.19	0.55
-----Bottom Chords-----				
A -F	0.21	322 C	0.04	0.17
E -G	0.72	847 T	0.07	0.65
G -D	0.63	2367 T	0.23	0.40
D -C	0.65	2439 T	0.41	0.24
-----Chord-Webs-----				
F -E	0.65	97 T	0.00	0.65
E -H	0.51	148 C	0.00	0.51
-----Webs-----				
E -I	0.41	1944 C		1 Br
I -G	0.03	139 T		
G -B	0.18	589 T		
G -J	0.46	1525 C		1 Br
D -J	0.23	738 T		

TL Defl	-0.41"	in D -C	L/729
LL Defl	-0.17"	in D -C	L/999
LL Cant	-0.14"	in A -F	L/506
Hz Disp	LL	DL	TL
Jt C	0.08"	0.10"	0.17"
Shear //	Grain	in J -C	0.26

Plates for each ply each face.

Plate	MT20	20 Ga,	Gross Area
Plate	MT2H	20 Ga, <td>Gross Area</td>	Gross Area
Jt Type	Plt Size	X	Y JSI
A	MT20	3.0x 6.0	Ctr Ctr 0.43
H	MT20	2.0x 4.0	Ctr Ctr 0.28
I	MT20	5.0x 6.0-0.2	0.5 0.61
B	MT20	5.0x 5.0	Ctr Ctr 0.34
J	MT20	5.0x 6.0	0.2 0.5 0.99
C	MT20	3.0x 6.0	Ctr Ctr 0.76
F	MT20	2.0x 4.0	Ctr Ctr 0.91
E	MT20	5.0x 8.0	Ctr Ctr 0.46
G	MT20	5.0x 8.0	Ctr-0.5 0.49
D	MT20	5.0x 5.0	Ctr-1.0 0.63

NOTES:
Trusses Manufactured by:
RIDGWAY ROOF TRUSS
Analysis Conforms To:

FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 12-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 2640 Lbs
Max tens. force 2439 Lbs
Fabrication Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

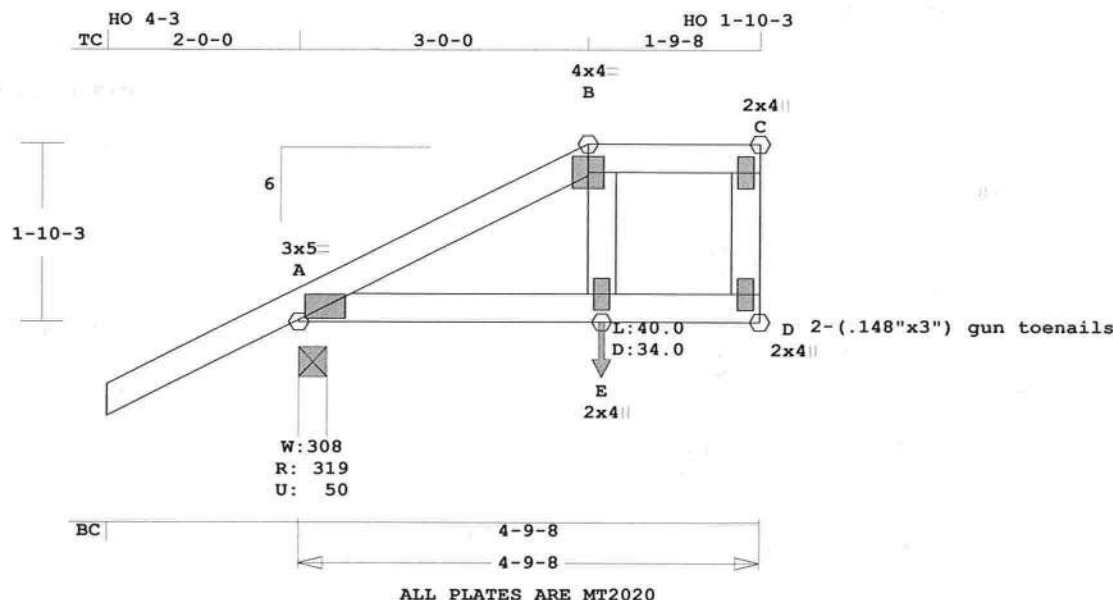
090649

R28

Quan
1Type
HHIPSpan
40908Pl-HI
6Left OH
2- 0- 0Right OH
0

Engineering

84-CCBA- Spec House



Scale: 0.500" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 28.0 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

	CSI	-Size-	---	Lumber----
TC	0.17	2x 4	SP-#2	
BC	0.17	2x 4	SP-#2	
WB	0.29	2x 4	SP-#3	

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4- 9- 8
BC	Cont.	0- 0- 0	4- 9- 8

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	320	50 U	87 R
D	165	36 U	54 R

Jt	Brg Size	Required
A	3.5"	1.5"
D	1.5"	1.5"

LC# 1 Girder Loading

Dur Fctrs - Lbr	1.25	Plt	1.25	
plf - Dead	Live*	From	To	
TC V	14	40	0.0'	4.8'
BC V	20	0	0.0'	4.8'
TC V	4	10	3.0'	3.8'
TC V	-14	-40	3.8'	4.8'
BC V	5	0	3.1'	3.8'
BC V	-20	0	3.8'	4.8'
BC V	34	40	3.1'	CL-LB

Plus 9 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr CSI P Lbs Axl-CSI-Bnd

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

A -B 0.14 187 T 0.02 0.12

B -C 0.17 154 T 0.02 0.15

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

A -E 0.07 158 C 0.02 0.05

E -D 0.17 87 T 0.00 0.17

-----Webs-----

E -B 0.24 66 T 0.01 0.23

D -C 0.29 91 T 0.02 0.27

TL Defl -0.02" in A -E L/999

LL Defl -0.01" in A -E L/999

Shear // Grain in A -B 0.15

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A MT20 3.0x 5.0 Ctr Ctr 0.47

B MT20 4.0x 4.0 Ctr Ctr 0.58

C MT20 2.0x 4.0 Ctr Ctr 0.12

E MT20 2.0x 4.0 Ctr Ctr 0.12

D MT20 2.0x 4.0 Ctr Ctr 0.12

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

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

Girder Half 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 7-05

Truss is designed as

Components and Claddings*
for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

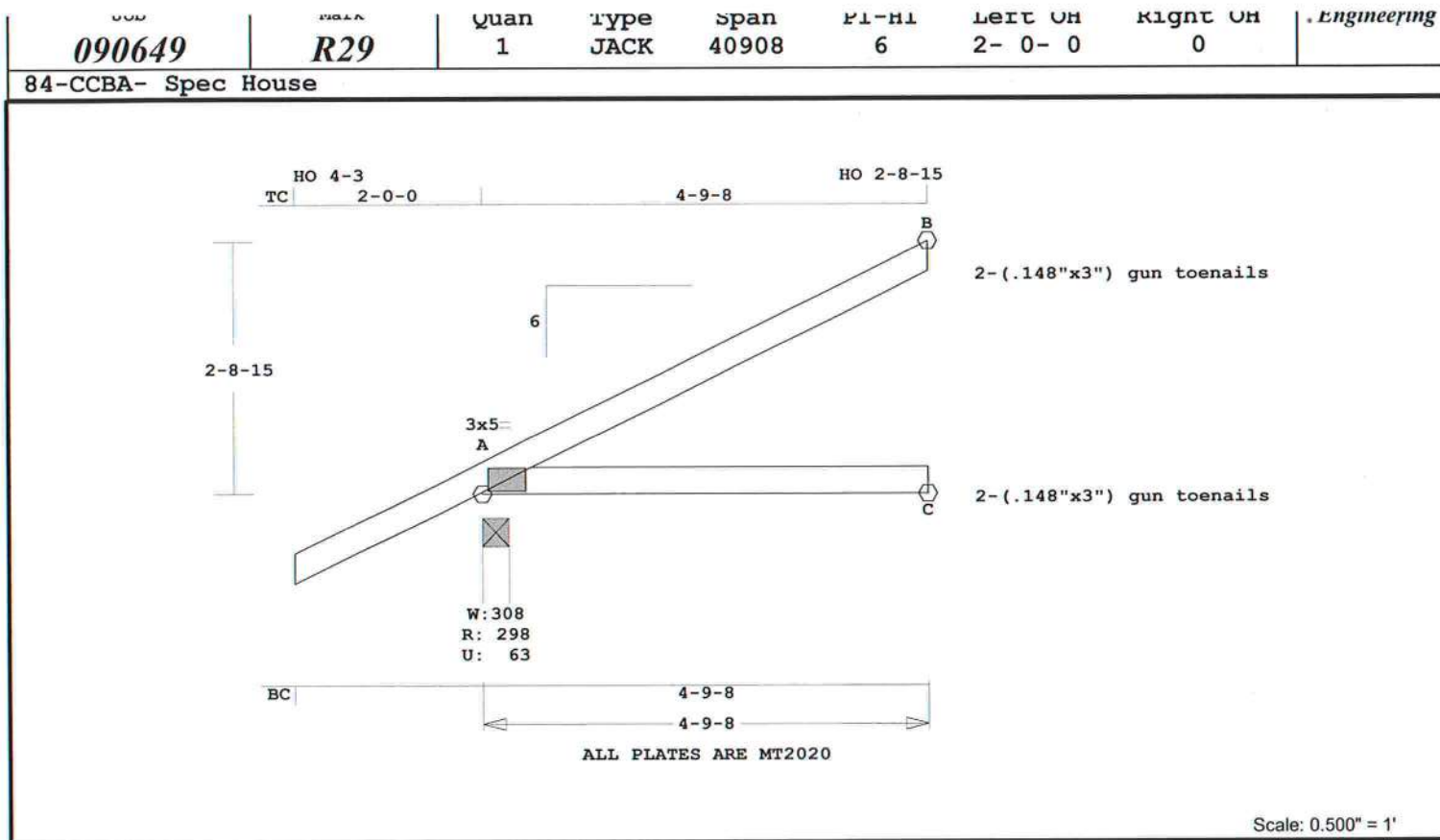
Max comp. force 164 Lbs

Max tens. force 187 Lbs

Fabrication Tolerance = 20%

This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.





Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.7 LBS
 Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

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

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 9- 8
BC Cont.	0- 0- 0	4- 9- 8

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	299	64 U	226 R
C	86		
B	115	54 U	49 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

Plus 8 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -B	0.31	124 C	0.00 0.31
-----Bottom Chords-----			
A -C	0.24	0 T	0.00 0.24

TL Defl -0.04" in A -C L/999
 LL Defl -0.02" in A -C L/999
 Shear // Grain in A -B 0.22

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47

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

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.

Design checked for 10 psf non-
 concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05
 Truss is designed as

Components and Claddings*
 for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

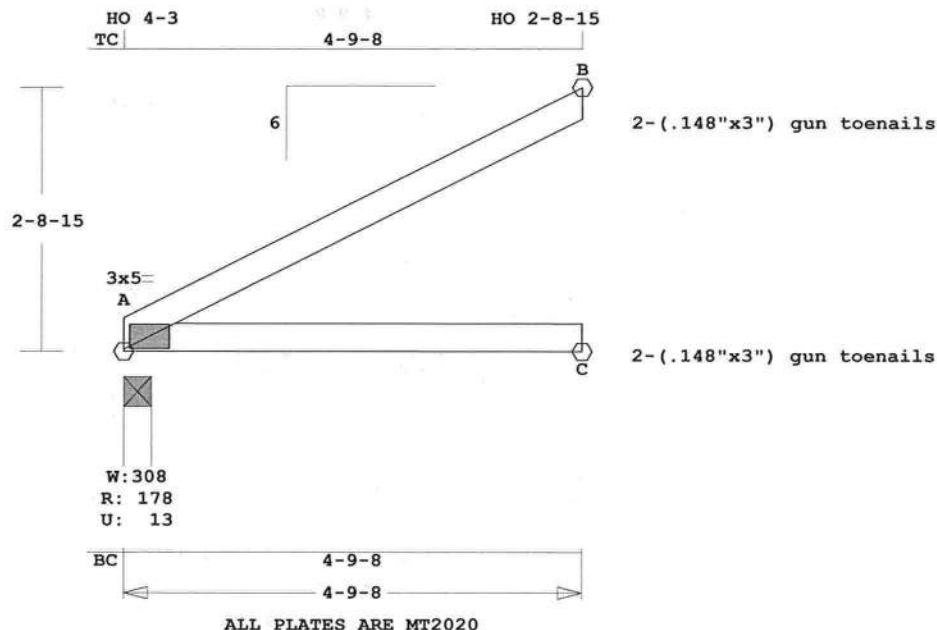
090649

R30

Quan
1Type
JACKSpan
40908Pl-HI
6Left OH
0Right OH
0

Engineering

84-CCBA- Spec House



Scale: 0.500" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 19.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

TC	0.32	2x 4	SP-#2
BC	0.26	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4- 9- 8
BC	Cont.	0- 0- 0	4- 9- 8

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	179	14 U	226 R
C	86		
B	117	54 U	49 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.32	125 C	0.00	0.32
-----Bottom Chords-----				
A -C	0.26	0 T	0.00	0.26

TL Defl -0.04" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 0.22

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 Ctr Ctr 0.47

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

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide

will fit between the B.C.
and any other member.

Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 125 Lbs



090649

R31

Quan

Type

Span

Pl-H1

Left OH

Right OH

Engineering

1

MONO

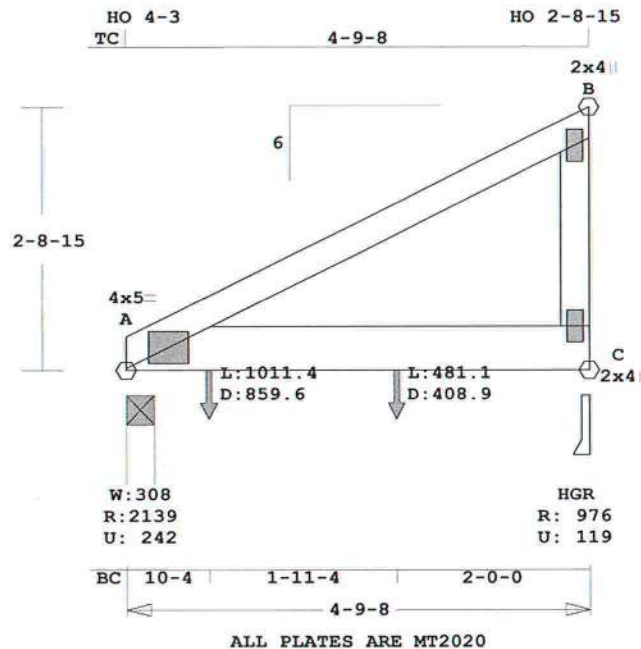
40908

6

0

0

84-CCBA- Spec House



Scale: 0.500" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 27.7 LBS

Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

	CSI	-Size-	----Lumber----
TC	0.58	2x 4	SP-#2
BC	0.75	2x 6	SP-2400f-2.0E
WB	0.07	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4- 9- 8
BC	Cont.	0- 0- 0	4- 9- 8

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2140	243 U	100 R
C	976	120 U	80 R

Jt	Brg Size	Required
A	3.5"	1.8"
C	3.5"	1.5"

LC#	1	Standard Loading	
Dur Fctrs - Lbr	1.25	Plt 1.25	
plf - Dead	Live*	From To	
TC V	14	40	0.0' 4.8'
BC V	20	0	0.0' 4.8'
BC V	860	1011	0.9' CL-LB
BC V	409	481	2.8' CL-LB

Plus 8 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.58		85 C	0.00	0.58
-----Bottom Chords-----					
A -C	0.75		66 T	0.00	0.75
-----Webs-----					
C -B	0.07		289 T	WindLd	

TL Defl	-0.11"	in A -C	L/467
LL Defl	-0.05"	in A -C	L/965
Shear //	Grain	in A -C	0.60

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 4.0x 5.0 Ctr Ctr 0.56
 B MT20 2.0x 4.0 Ctr Ctr 0.15
 C MT20 2.0x 4.0 Ctr Ctr 0.18

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

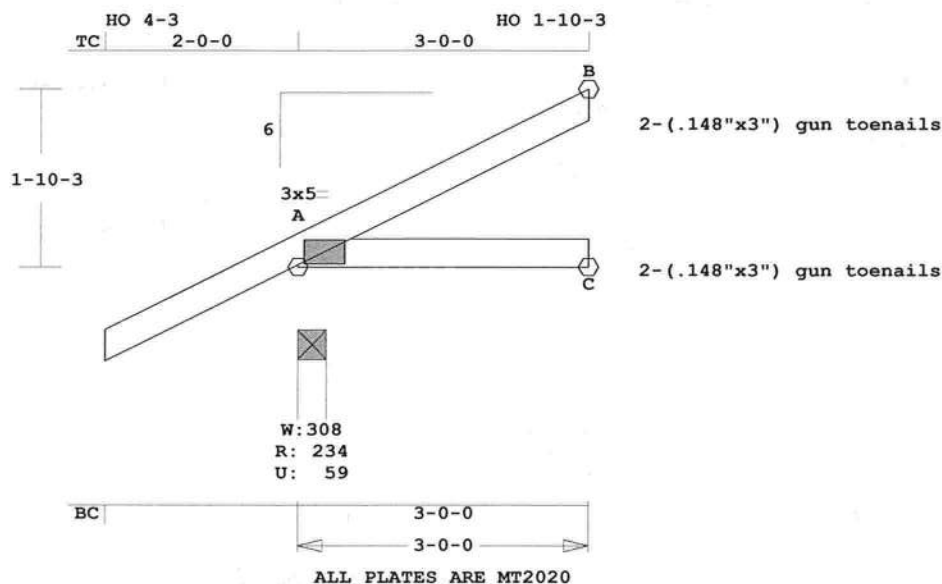
Analysis Conforms To:

FBC2007

TPI 2002

This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-05
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 12-0

Quan	Type	Span	Pl-HI	Left OH	Right OH	Engineering	
090649	R32	1	JACK	30000	6	2- 0- 0	0
84-CCBA- Spec House							



Scale: 0.500" = 1'

Online Plus -- Version 25.0.008
 RUN DATE: 15-DEC-09

CSI -Size- ----Lumber-----
 TC 0.11 2x 4 SP-#2
 BC 0.09 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

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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		

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	235	59 U	166 R
C	52		
B	70	33 U	30 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

Plus 8 Wind Load Case(s)
 Plus 1 UBC LL Load Case(s)
 Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -B	0.11	79 C	0.00 0.11
-----Bottom Chords-----			
A -C	0.09	0 T	0.00 0.09

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.5 LBS

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

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47

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

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
 for 20.0 psf LL on the B.C.
 in areas where a rectangle
 3- 6- 0 tall by
 2- 0- 0 wide
 will fit between the B.C.
 and any other member.

Design checked for 10 psf non-
 concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed:

110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load:

4.0 psf

BC Dead Load: 6.0 psf
 Max comp. force 79 Lbs
 Max tens. force 20 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.



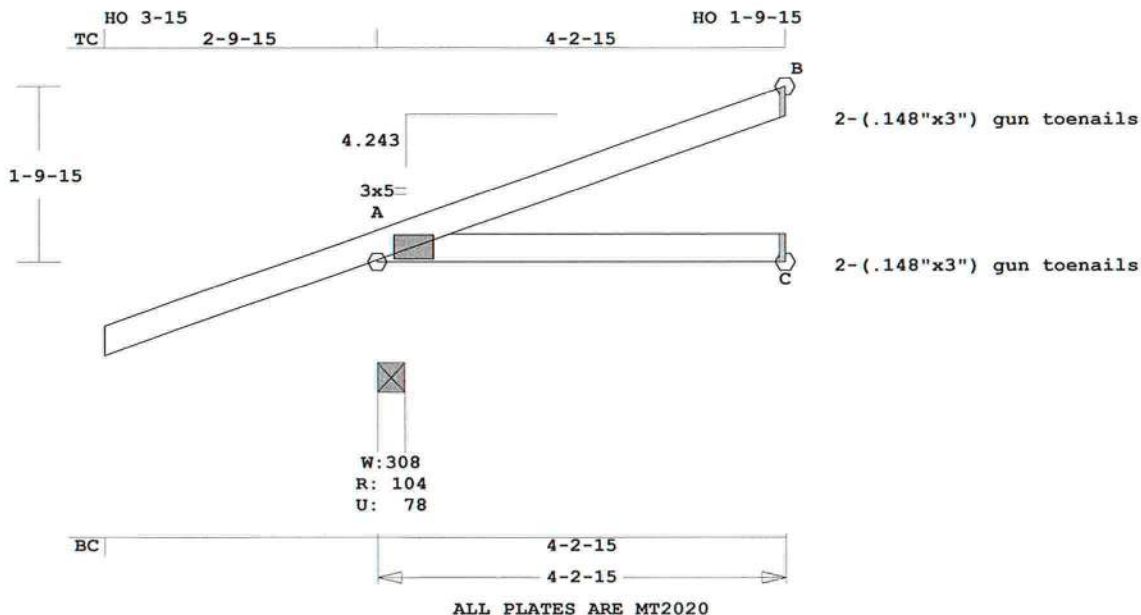
090649

R33

Quan
1Type
KINGSpan
40215Pl-HI
4.243Left OH
2- 9-15Right OH
0

Engineering

84-CCBA- Spec House



Scale: 0.500" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 22.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

	CSI	-Size-	-----Lumber-----
TC	0.10	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

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	104	79 U	54 R
C	37		
B	50	20 U	11 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
B	1.5"	1.5"

LC#	1	Girder Loading
Dur Fctrs - Lbr	1.25	Plt 1.25
plf - Dead	Live*	From To
TC V	14	40 0.0' 4.2'
BC V	20	0 0.0' 4.2'
TC V	-14	-40 0.0' 4.2'
	-4	-12 4.2'
BC V	-20	0 0.0' 4.2'
	-6	0 4.2'

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P	Lbs	Axl	CSI-Bnd
-----Top Chords-----					
A -B	0.10	40 C	0.00	0.10	
-----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 0.09

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 Ctr Ctr 0.51

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

NOTES:

Trusses Manufactured by:
RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

Girder King Jack

Loading TC and BC

Setback 3- 0- 0

OH Loading

Soffit psf 2.0

Excessive Left OH condition.

Max allowable length is

2- 9- 5. Support end or
provide level return.

Design checked for 10 psf non-
concurrent LL on BC.

Use properly rated hangers for
loads framing into girder
truss.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 40 Lbs

Max tens. force 7 Lbs

Fabrication Tolerance = 20%

This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

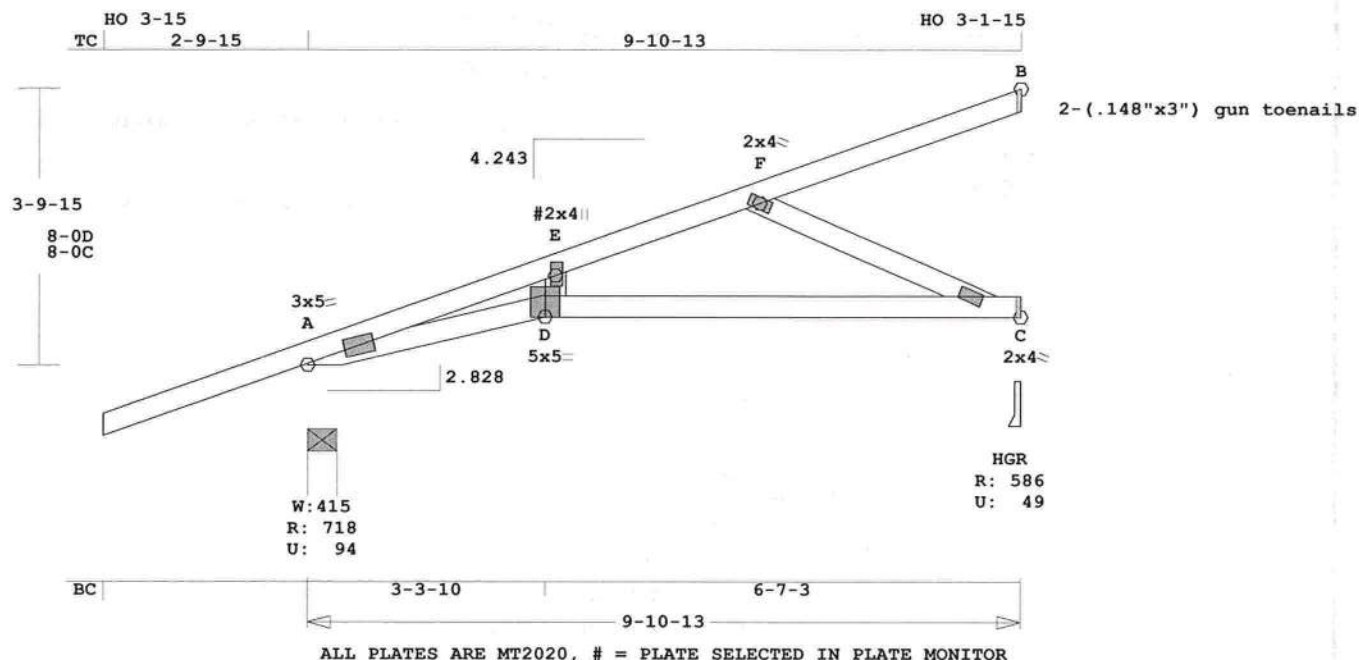
090649

R34

Quan
1type
SPSpan
91013Fl-H1
4.243Left OH
2- 9-15Right OH
0

Engineering

84-CCBA- Spec House



Scale: 0.375" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 52.2 LBS

Online Plus -- Version 25.0.008

RUN DATE: 15-DEC-09

CSI -Size- ---Lumber---

TC	0.68	2x 4	SP-DSS
BC	0.63	2x 4	SP-#2
WB	0.36	2x 4	SP-#3

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	718	95 U	244 R
C	586	50 U	
B	10	39 G	73 R

G = Gravity Uplift

Jt	Brg Size	Required
A	4.9"	1.5"
C	3.5"	1.5"
B	1.5"	1.5"

LC# 1 Standard Loading

Dur Fctrs	Lbr 1.25	Plt 1.25	
plf - Dead	Live*	From To	
TC V	14	40	0.0' 9.9'
BC V	20	0	0.0' 9.9'
TC V	0	0	1.4' 7.1'
BC V	0	0	1.4' 7.1'

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd

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

A -E	0.68	1253 C	0.00	0.68
E -F	0.68	1019 C	0.00	0.68
F -B	0.41	65 T	0.00	0.41

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

A -D	0.56	1136 T	0.20	0.36
D -C	0.63	1092 T	0.20	0.43
C -C	0.00	0 T		

-----Webs-----

D -E	0.15	469 T
F -C	0.36	1192 C

TL Defl	-0.50"	in D -C	L/220
LL Defl	-0.19"	in D -C	L/595
Hz Disp	LL	DL	TL
Jt C	0.05"	0.08"	0.13"
Shear //	Grain	in E -F	0.70

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 Ctr Ctr 0.66
E# MT20 2.0x 4.0 0.2 0.3 0.31
F MT20 2.0x 4.0 Ctr Ctr 0.62
D MT20 5.0x 5.0 Ctr-1.0 0.46
C MT20 2.0x 4.0 Ctr Ctr 0.74

= Plate Monitor used

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

NOTES:

Trusses Manufactured by:
RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide

will fit between the B.C.
and any other member.

Design checked for 10 psf non-
concurrent LL on BC.

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 1253 Lbs

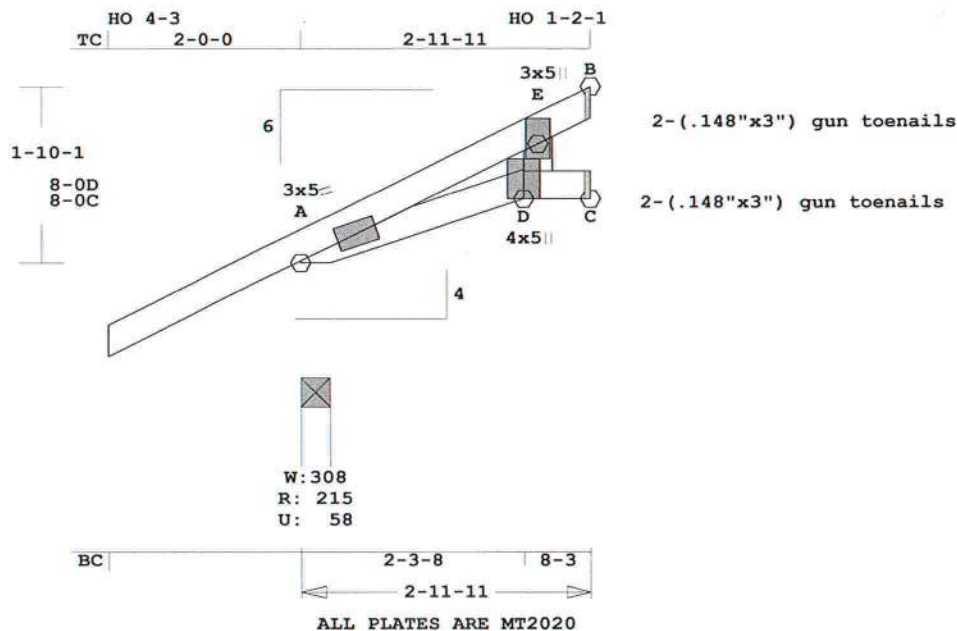
Max tens. force 1136 Lbs

Fabrication Tolerance = 20%

This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

No 53915

84-CCBA- Spec House



Scale: 0.500" = 1'

Robbins Engineering, Inc./Online Plus™
Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

CSI -Size- ---Lumber---
TC 0.05 2x 4 SP-#2
BC 0.06 2x 4 SP-#2
WB 0.02 2x 4 SP-#3

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 2-10- 3
BC Cont. 0- 0- 0 2-10- 3

psf-Ld Dead Live
TC 7.0 20.0
BC 10.0 0.0
TC+BC 17.0 20.0
Total 37.0 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

Total Load Reactions (Lbs)
Jt Down Uplift Horiz-
A 216 59 U 147 R
C 32 9 G
E 108 26 U 27 R
G = Gravity Uplift

Jt Brg Size Required
A 3.5" 1.5"
C 1.5" 1.5"
E 1.5" 1.5"

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -E 0.05 37 C 0.00 0.05
-----Bottom Chords-----

APPROX. TRUSS WEIGHT: 17.4 LBS
A -D 0.06 33 C 0.00 0.06
D -C 0.02 0 T 0.00 0.02
-----Webs-----
D -E 0.02 77 T WindLd

TL Defl 0.00" in A -D L/999
LL Defl 0.00" in A -D L/999
Hz Disp LL DL TL
Jt E 0.00" 0.00" 0.00"
Shear // Grain in D -E 0.09

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 Ctr Ctr 0.63
E MT20 3.0x 5.0 Ctr 0.7 0.09
D MT20 4.0x 5.0 Ctr-1.0 0.58

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

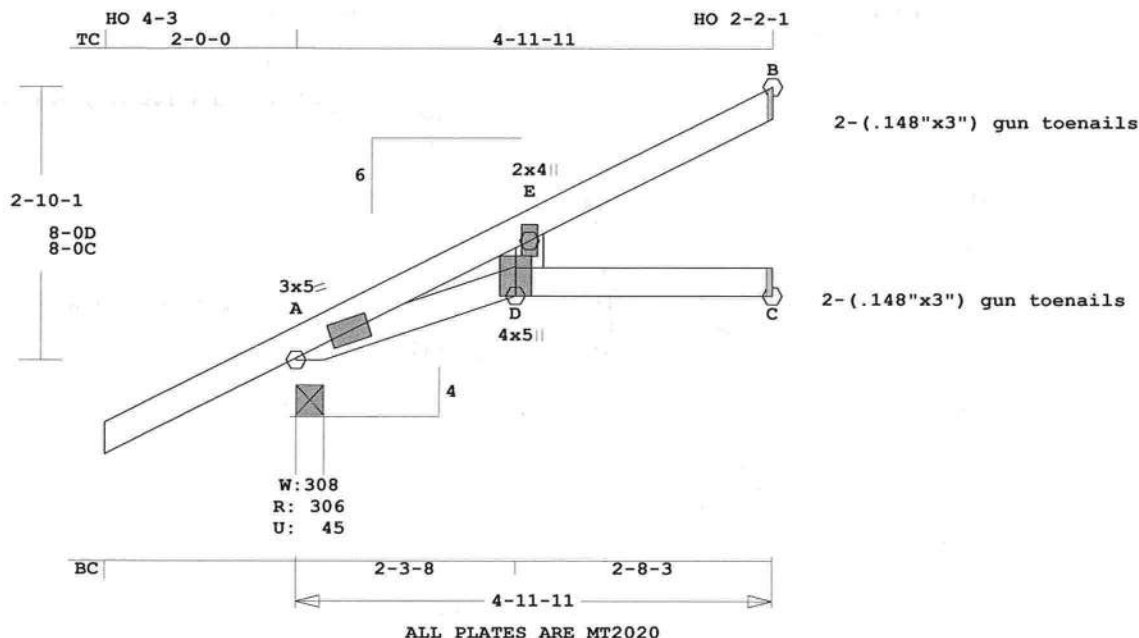
NOTES:
Trusses Manufactured by:
RIDGWAY ROOF TRUSS
Analysis Conforms To:
FBC2007
TPI 2002

OH Loading
Soffit psf 2.0
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05

Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 12-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 73 Lbs
Max tens. force 77 Lbs
Fabrication Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

Engineering

84-CCBA- Spec House



Scale: 0.500" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 25.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

	CSI	-Size-	----Lumber----
TC	0.61	2x 4	SP-#2
BC	0.58	2x 4	SP-DSS
WB	0.25	2x 4	SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4-10- 3
BC	Cont.	0- 0- 0	4-10- 3

psf-Ld	Dead	Live	
TC	7.0	20.0	
BC	10.0	0.0	
TC+BC	17.0	20.0	
Total	37.0	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	

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	307	45 U	235 R
C	177	40 U	
C	177	40 U	52 R

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

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

```

Membr  CSI  P Lbs  Axl-CSI-Bnd
-----Top Chords-----
A -E  0.61    667 C  0.00  0.61
E -B  0.61     30 C  0.00  0.61
-----Bottom Chords-----

```

A -D	0.58	435 T	0.02	0.56
D -C	0.56	51 T	0.00	0.56
-----Webs-----				
D -E	0.25	1011 T	WindLd	
TL Defl	-0.15"	in D -C	L/362	
LL Defl	-0.08"	in D -C	L/702	
H _z Disp	LL	DL	TL	
Jt C	0.09"	0.01"	0.07"	
Shear //	Grain	in A -D	0.57	

Plates for each ply each face.						
Plate - MT20 20 Ga, Gross Area						
Plate - MT2H 20 Ga, Gross Area						
Jt	Type	Plt Size	X	Y	JSI	
A	MT20	3.0x	5.0	Ctr	Ctr	0.63
E	MT20	2.0x	4.0	Ctr	Ctr	0.49
D	MT20	4.0x	5.0	Ctr	-1.0	0.65

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

NOTES:

Trusses Manufactured by:
RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

Soffit psf 2.0

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*
for Exterior zone location

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 667 Lbs

Max tens. force 1011 Lbs

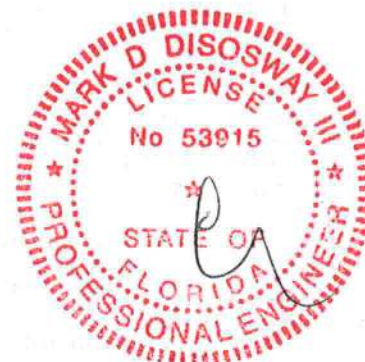
Fabrication Tolerance = 20%

This truss is designed for a

creep factor of 1.5 which is

used to calculate total load

deflection.



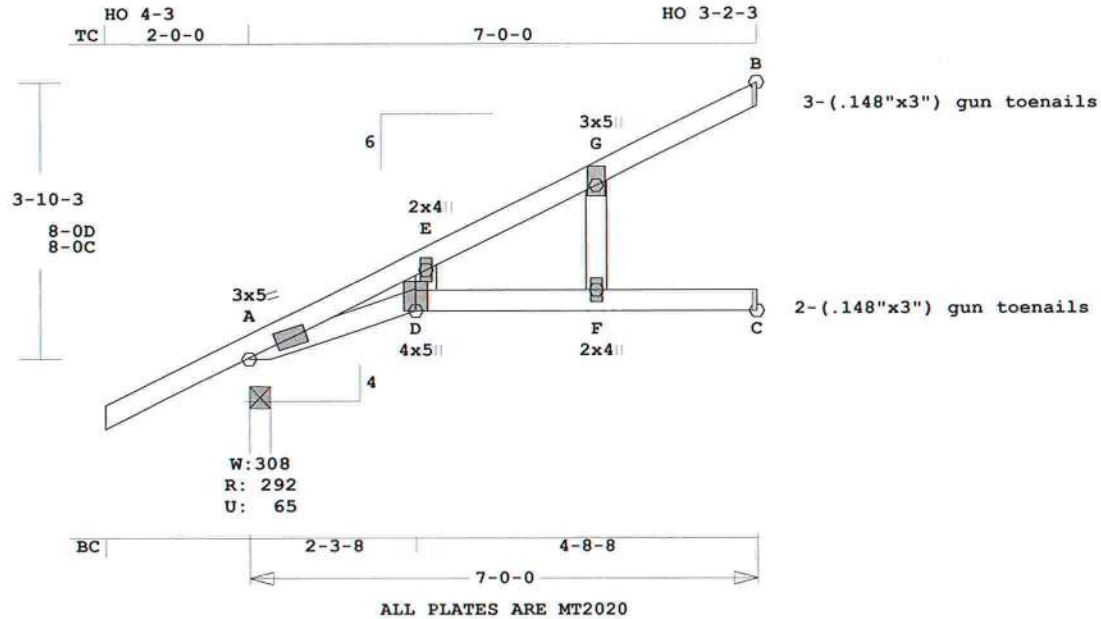
090649

R38

Quan
6Type
SPSpan
70000Pl-HI
6Left OH
2- 0- 0Right OH
0

Engineering

84-CCBA- Spec House



Scale: 0.375" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 36.4 LBS
Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

CSI	-Size-	---Lumber---
TC	0.16	2x 4 SP-#2
BC	0.14	2x 4 SP-#2
WB	0.27	2x 4 SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	6-10- 8
BC	Cont.	0- 0- 0	6-10- 8

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	292	65 U	175 R
C	27		
G	230	32 U	52 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	1.5"	1.5"
G	1.5"	1.5"

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Ax1-CSI-Bnd
-----Top Chords-----			
A -E	0.06	258 C	0.00 0.06
E -G	0.16	47 T	0.00 0.16
-----Bottom Chords-----			

	A -D	0.07	239 T	0.04	0.03
D -F	0.14	56 C	0.00	0.14	
F -C	0.09	0 T	0.00	0.09	
-----Webs-----					
D -E	0.24	96 T	0.02	0.22	
F -G	0.27	149 T	0.03	0.24	
TL Defl	-0.04"	in D -F	L/999		
LL Defl	-0.02"	in D -F	L/999		
Hz Disp	LL	DL	TL		
Jt C	0.01"	0.01"	0.01"		
Shear //	Grain	in E -G	0.16		

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 Ctr Ctr 0.63
E MT20 2.0x 4.0 Ctr Ctr 0.13
G MT20 3.0x 5.0 Ctr 0.7 0.09
D MT20 4.0x 5.0 Ctr-1.0 0.58
F MT20 2.0x 4.0 Ctr Ctr 0.12

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

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

OH Loading

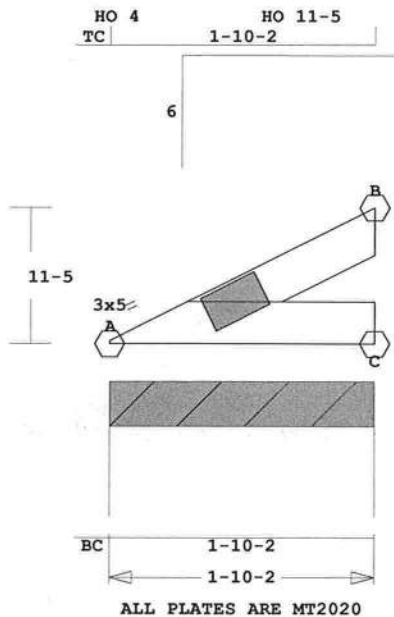
Soffit psf 2.0

This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.

and any other member.
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 110 mph
Mean Roof Height: 12-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 258 Lbs
Max tens. force 239 Lbs
Fabrication Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which is
used to calculate total load
deflection.

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84-CCBA- Spec House



Scale: 0.750" = 1'

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09

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

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	1-10- 2	
BC Cont.	0- 0- 0	1-10- 2	

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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		

Total Load Reactions (lbs)

Jt	Down	Uplift	Horiz-
A	94	11 U	72 R

Jt	Brg Size	Required
A	22.1"	0"-to- 22"

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A -B	0.06	9 C	0.00 0.06
-----Bottom Chords-----			
A -C	0.00	0 T	

TL Defl	0.00"	in C -C	L/999
LL Defl	0.00"	in C -C	L/999
Shear //	Grain	in C -B	0.09

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 6.2 LBS

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 Ctr Ctr 0.47

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 9 Lbs

Max tens. force 0 Lbs

Fabrication Tolerance = 20%

This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.



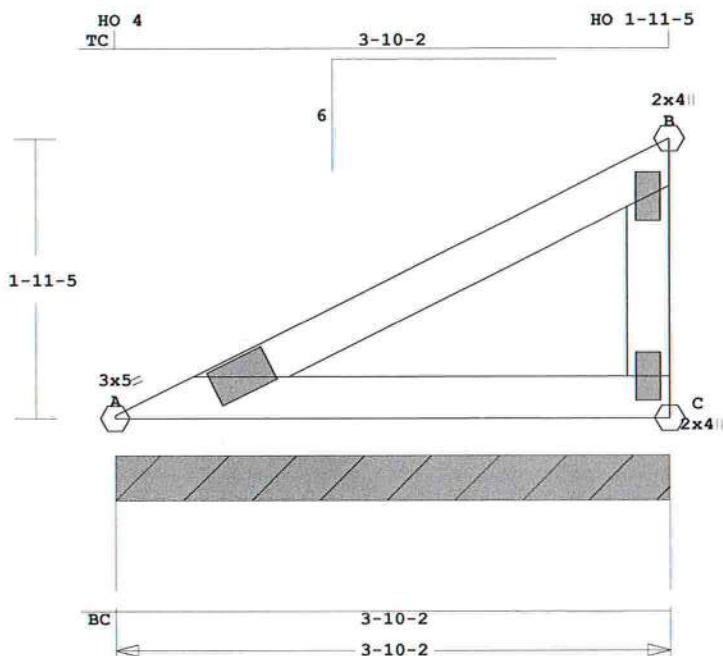
090649

V2

Quan
1Type
VLMSpan
31002Pl-HI
6Left OH
0Right OH
0

Engineering

84-CCBA- Spec House



ALL PLATES ARE MT2020

Scale: 0.750" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.7 LBS

Online Plus -- Version 25.0.008
RUN DATE: 15-DEC-09LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 0.16

TC	BC	WB	CSI	Size	Lumber
0.15	0.12	0.04	2x 4	SP-#2	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	3-10- 2
BC Cont.	0- 0- 0	3-10- 2

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	357	37 U	236 R

Jt	Brg Size	Required
A	46.1"	0"-to- 46"

Plus 8	Wind Load Case(s)
Plus 1	UBC LL Load Case(s)
Plus 1	DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.15	50 C	0.00	0.15
-----Bottom Chords-----				
A -C	0.12	4 T	0.00	0.12
-----Webs-----				
C -B	0.04	174 T	WindLd	

TL Defl -0.01" in A -C L/999

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47
 B MT20 2.0x 4.0 Ctr Ctr 0.12
 C MT20 2.0x 4.0 Ctr Ctr 0.13

NOTES:

Trusses Manufactured by:
 RIDGWAY ROOF TRUSS
 Analysis Conforms To:
 FBC2007
 TPI 2002
 Design checked for 10 psf non-
 concurrent LL on BC.
 Wind Loads - ANSI / ASCE 7-05
 Truss is designed as
 Components and Claddings*
 for Exterior zone location.
 Wind Speed: 110 mph
 Mean Roof Height: 12-0
 Exposure Category: B
 Occupancy Factor : 1.00
 Building Type: Enclosed
 TC Dead Load: 4.0 psf
 BC Dead Load: 6.0 psf
 Max comp. force 83 Lbs
 Max tens. force 174 Lbs
 Fabrication Tolerance = 20%
 This truss is designed for a
 creep factor of 1.5 which is
 used to calculate total load
 deflection.

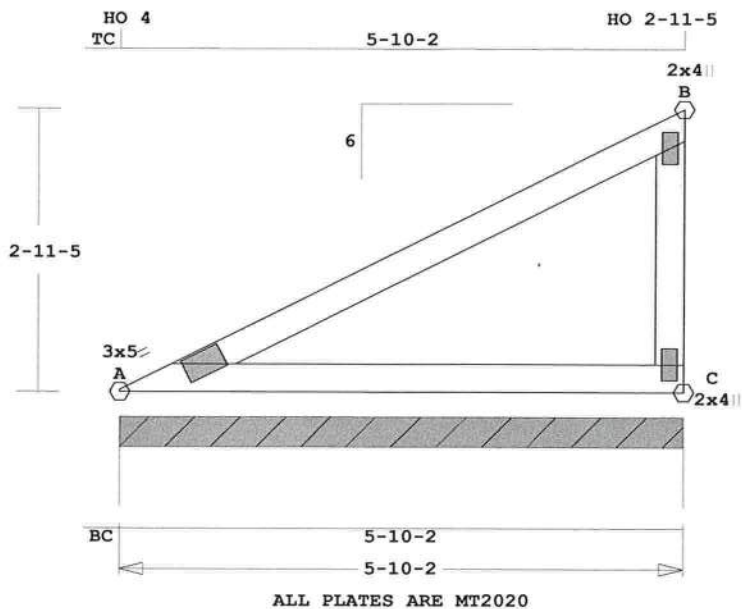
090649

V3

Quan
1type
VLMSpan
51002Pl-HI
6Left OH
0Right OH
0

Engineering

84-CCBA- Spec House



Scale: 0.500" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 26.6 LBS

Online Plus -- Version 25.0.008

RUN DATE: 15-DEC-09

LL Defl -0.03" in A -C L/999

Shear // Grain in A -B 0.24

CSI -Size- ----Lumber----

TC 0.37 2x 4 SP-#2

BC 0.27 2x 4 SP-#2

WB 0.06 2x 4 SP-#3

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5-10- 2
BC	Cont.	0- 0- 0	5-10- 2

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	579	61 U	276 R

Jt	Brg Size	Required
A	70.1"	0"-to- 70"

Plus 8 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
-----Top Chords-----				
A -B	0.37	63 C	0.00	0.37
-----Bottom Chords-----				
A -C	0.27	3 T	0.00	0.27
-----Webs-----				
C -B	0.06	251 T	WindLd	

TL Defl -0.06" in A -C L/999

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 3.0x 5.0 Ctr Ctr 0.47
 B MT20 2.0x 4.0 Ctr Ctr 0.13
 C MT20 2.0x 4.0 Ctr Ctr 0.16

NOTES:

Trusses Manufactured by:

RIDGWAY ROOF TRUSS

Analysis Conforms To:

FBC2007

TPI 2002

Design checked for 10 psf non-concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-05

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 110 mph

Mean Roof Height: 12-0

Exposure Category: B

Occupancy Factor : 1.00

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 132 Lbs

Max tens. force 251 Lbs

Fabrication Tolerance = 20%

This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

