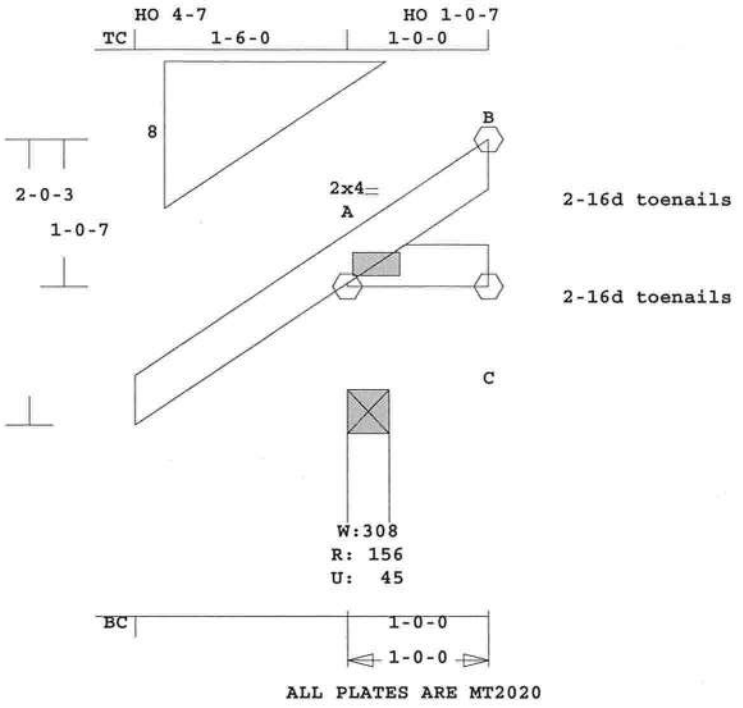
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***J4***	8	JCA2	10000	8	1- 6- 0	0	*T3506532*

FIRST FEDERAL--SPEC



Scale: 0.732" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 7.9 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

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

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	157	45 U	43 R
B	21	19 U	
C	13	8 U	16 R

Jt	Brg Size	Required
A	3.5"	1.5"
B	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 -B	0.00	20 C	
--------Bottom Chords---------			
A -C	0.00	15 T	

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -C 0.04

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	2.0x 4.0	Ctr	Ctr	0.59

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions

--From--	---To---
0- 0- 0	1- 0- 0

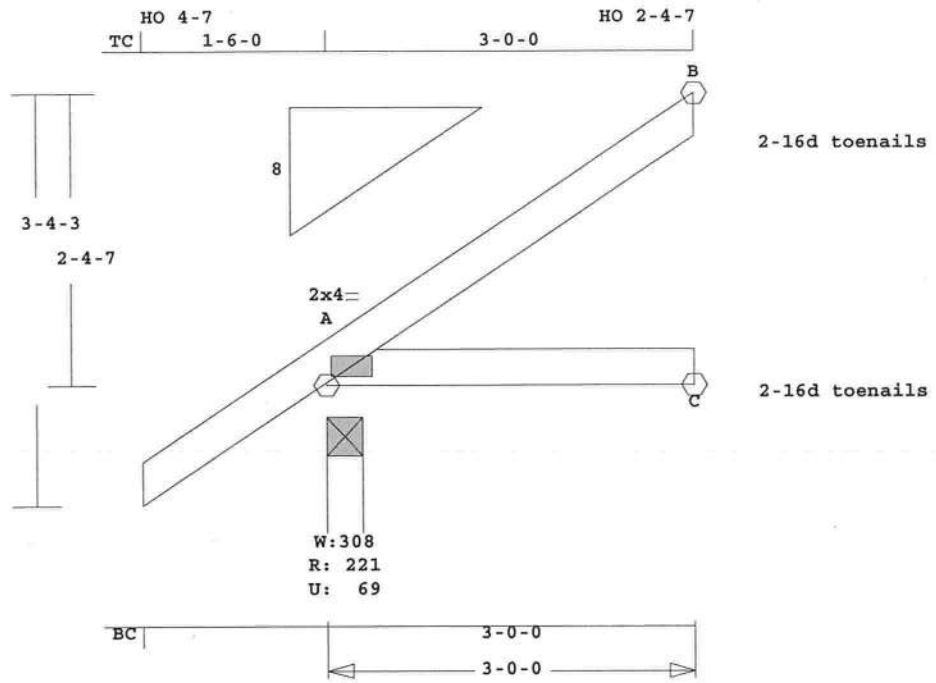
Max comp. force 20 Lbs
Max tens. force 15 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***J3***	8	JCA2	30000	8	1- 6- 0	0	*T3506533*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.637" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 16.3 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.10	2x 4	SP-#2
BC	0.14	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	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	222	69 U	124 R
C	56	29 U	
B	83	59 U	49 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	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	0.10	73 C	0.00 0.10
--------Bottom Chords---------			
A -C	0.14	0 T	0.00 0.14

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -C 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	2.0x 4.0	Ctr	Ctr	0.59

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions

--From--	---To---
0- 0- 0	3- 0- 0

Max comp. force 73 Lbs
Max tens. force 38 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

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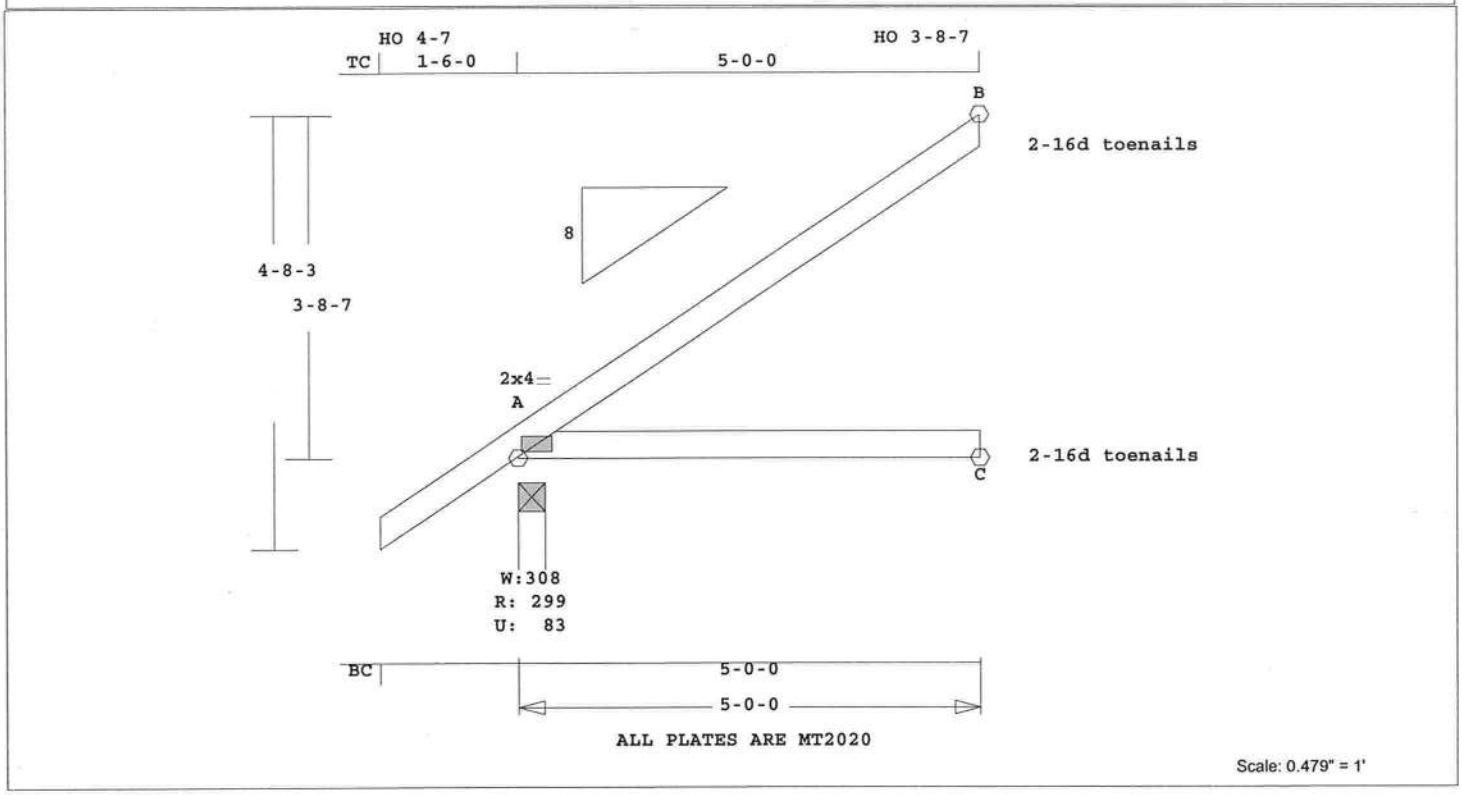
October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	*Engineering*
FFSB-SPEC	***J2***	8	JCA2	50000	8	1- 6- 0	0	*T3506534*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 24.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.44	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	300	84 U	204 R
C	95	48 U	
B	138	97 U	82 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	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	0.33	123 C	0.00 0.33
--------Bottom Chords---------			
A -C	0.44	0 T	0.00 0.44

TL Defl -0.05" in A -C L/999
LL Defl -0.02" in A -C L/999
Shear // Grain in A -C 0.30

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	2.0x 4.0	Ctr	Ctr	0.59

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions

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

Max comp. force 123 Lbs
Max tens. force 63 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

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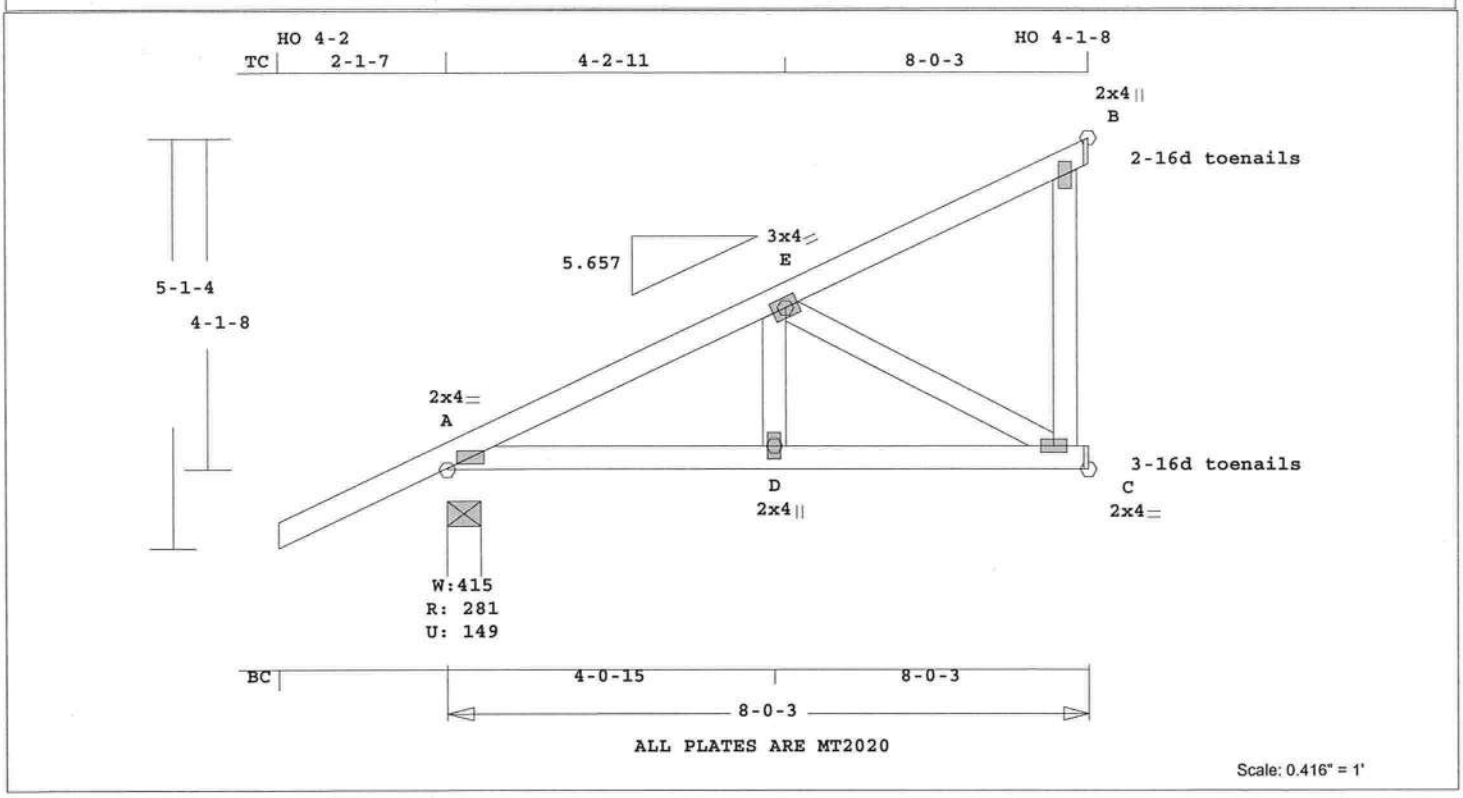
October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***CJ3***	1	MONO.DD	80003	5.657	2- 1- 7	0	*T3506535*

FIRST FEDERAL--SPEC



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

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.31	2x 4	SP-#2
BC	0.20	2x 4	SP-#2
WB	0.11	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	282	150 U	102 R
C	218	123 U	
B	157	67 U	141 R

Jt	Brg Size	Required
A	4.9"	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	20	40	0.0'	8.0'
BC V	20	0	0.0'	8.0'
TC V	-20	-40	0.0'	
	13	26		8.0'
BC V	-20	0	0.0'	
	13	0		8.0'

Plus 7 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	0.30	595 T	0.08 0.22
E -B	0.31	88 T	0.00 0.31
--------Bottom Chords---------			
A -D	0.20	591 C	0.00 0.20
D -C	0.20	591 C	0.00 0.20
------------Webs-------------			
D -E	0.03	369 C	
E -C	0.11	805 T	
C -B	0.07	0 T	WindLd

TL Defl -0.02" in D -C L/999
LL Defl -0.01" in D -C L/999
Shear // Grain in E -B 0.25

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	2.0x 4.0	Ctr	Ctr	0.66
E	MT20	3.0x 4.0	Ctr	Ctr	0.34
B	MT20	2.0x 4.0	Ctr	Ctr	0.12
D	MT20	2.0x 4.0	Ctr	Ctr	0.12
C	MT20	2.0x 4.0	Ctr	Ctr	0.55

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder King Jack
Loading TC and BC
Setback 5- 8- 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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 8- 0- 3
Max comp. force 591 Lbs
Max tens. force 805 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

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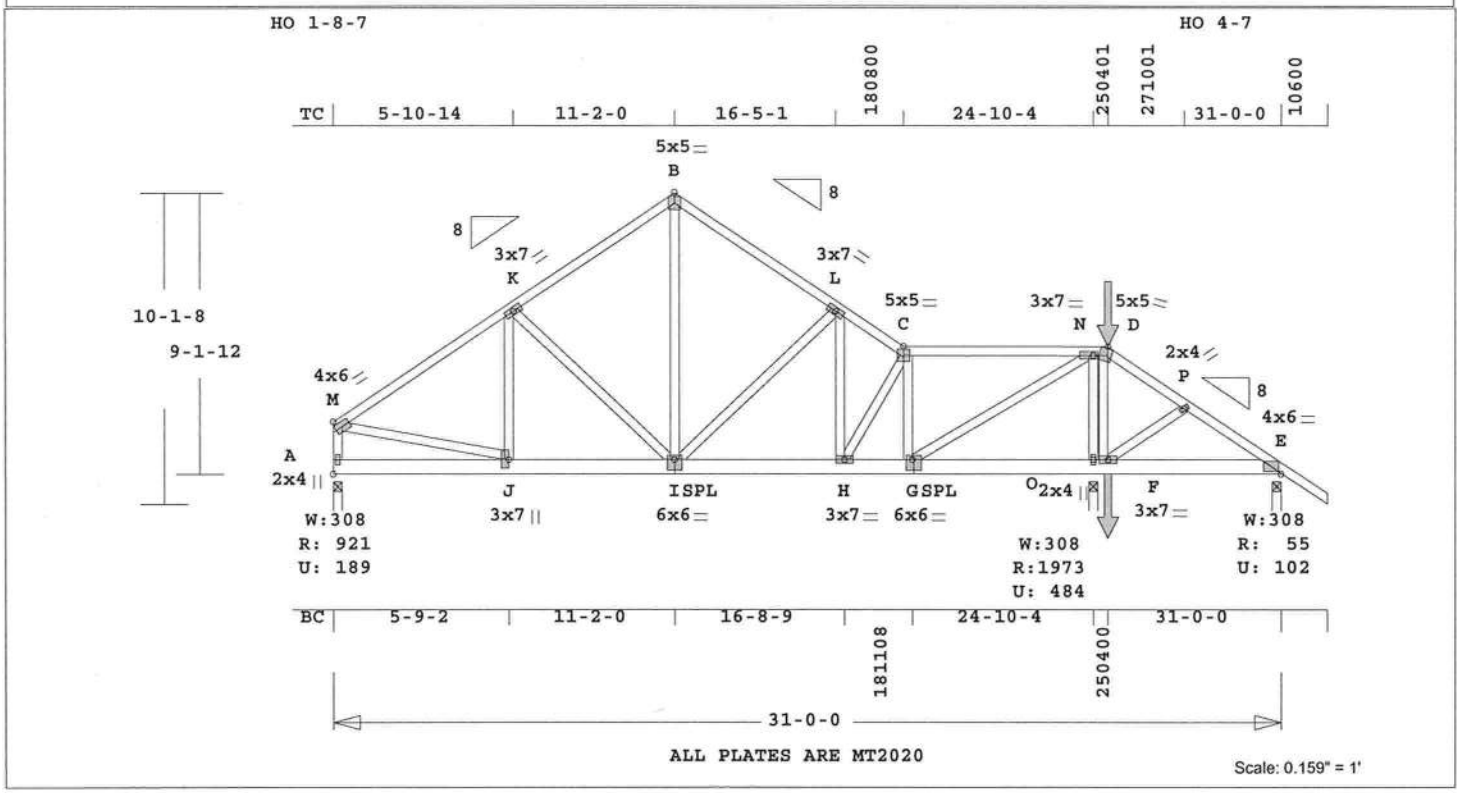
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	*A8GIR*	1	SP	310000	8	0	1- 6- 0	*T3506536*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 278.1 LBS

```
Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

     CSI -Size- ----Lumber----
TC  0.45  2x 4  SP-#2
BC  0.22  2x 6  SP-#2
WB  0.41  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 31- 0- 0
 BC  Cont.     0- 0- 0 31- 0- 0

psf-Ld  Dead  Live
TC      10.0  20.0
BC      10.0   0.0
TC+BC   20.0  20.0
Total   40.0   Spacing  24.0"
Lumber Duration Factor  1.25
Plate  Duration Factor  1.25
TC Fb=1.00  Fc=1.00  Ft=1.00
BC Fb=1.00  Fc=1.00  Ft=1.00

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A    922   189 U   251 R
O   1973   484 U
E     56   103 U   223 R

Jt   Brg Size   Required
A       3.5"       1.5"
O       3.5"       2.1"
E       3.5"       1.5"

LC#  1  Standard Loading
Dur Fctrs - Lbr 1.25  Plt 1.25
plf - Dead  Live* From    To
TC V    20    40   0.0'  31.0'
BC V    20     0   0.0'  31.0'
TC V    79    79  25.3'  CL-LB
BC V   109   109  25.3'  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----------
M -K  0.40   934 C  0.00  0.40
K -B  0.40   743 C  0.00  0.40
B -L  0.26   735 C  0.06  0.20
L -C  0.27   976 C  0.07  0.20
C -N  0.38   819 C  0.00  0.38
N -D  0.45   409 T  0.07  0.38
D -P  0.20   470 T  0.07  0.13
P -E  0.19   317 T  0.06  0.13
--------Bottom Chords---------
A -J  0.09   229 T  0.00  0.09
J -I  0.15   793 T  0.10  0.05
I -H  0.16   831 T  0.11  0.05
H -G  0.14   837 T  0.11  0.03
G -O  0.22   435 C  0.00  0.22
O -F  0.22   435 C  0.00  0.22
F -E  0.10   270 C  0.00  0.10
-------------Webs-------------
A -M  0.08   869 C WindLd
M -J  0.15   817 T
J -K  0.03   125 T
K -I  0.26   325 C
I -B  0.34   506 T
I -L  0.25   306 C
H -L  0.02   162 T
H -C  0.00    65 T
G -C  0.15   741 C
G -N  0.41  1448 T
O -N  0.29  1381 C
F -D  0.04   227 C
F -P  0.03   210 T

TL Defl  -0.09" in I -H  L/999
LL Defl  -0.03" in I -H  L/999
Shear // Grain  in N -N   0.54

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
M  MT20  4.0x 6.0 0.1  0.1 0.30
K  MT20  3.0x 7.0 Ctr  Ctr 0.26
B  MT20  5.0x 5.0 Ctr  Ctr 0.33
L  MT20  3.0x 7.0 Ctr  Ctr 0.26
C  MT20  5.0x 5.0 Ctr  Ctr 0.46
N  MT20  3.0x 7.0 Ctr  Ctr 0.49
D  MT20  5.0x 5.0-0.9-3.1 0.33
P  MT20  2.0x 4.0 Ctr  Ctr 0.23
E  MT20  4.0x 6.0 Ctr  Ctr 0.45
A  MT20  2.0x 4.0 Ctr  Ctr 0.29
J  MT20  3.0x 7.0-1.5 0.3  0.41
I  MT20  6.0x 6.0 Ctr-1.2  0.54
H  MT20  3.0x 7.0 Ctr  Ctr 0.24
G  MT20  6.0x 6.0 Ctr-1.2  0.46
O  MT20  2.0x 4.0 Ctr  Ctr 0.53
F  MT20  3.0x 7.0 Ctr  Ctr 0.19

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:
  Mayo Truss Co. Inc.
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:          120 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:          5.0 psf
  BC Dead Load:          5.0 psf
User-defined wind-exposed BC
  regions  --From--   ---To---
           24-10- 4   31- 0- 0
Max comp. force     1381 Lbs
Max tens. force     1448 Lbs
Quality Control Factor 1.25
This truss is designed for a
creep factor of 1.5  which is
used to calculate total load
deflection.
```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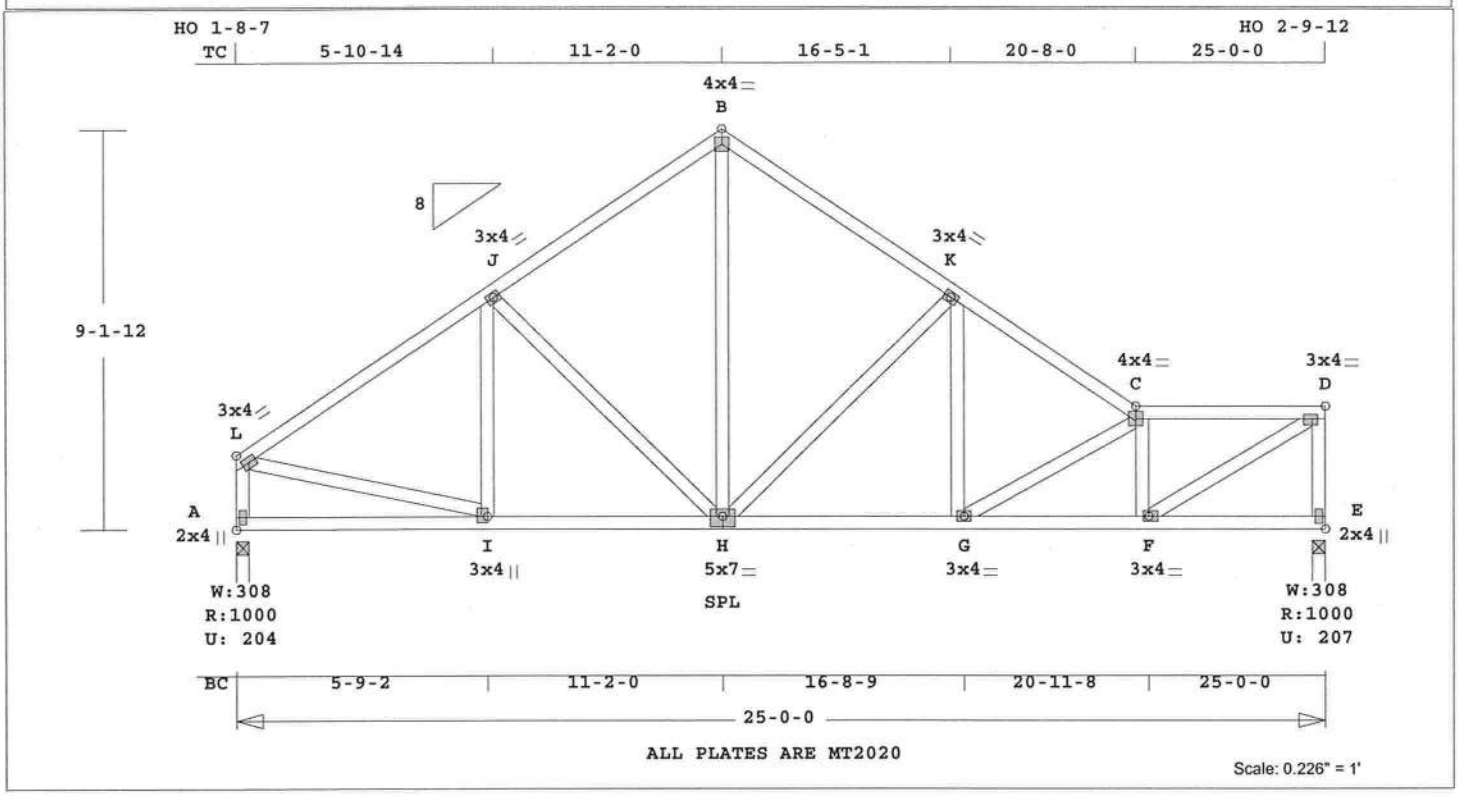
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A9*	1	SP	250,000	8	0	0	*T3506537*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 202.9 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.36	2x 4	SP-#2
BC	0.30	2x 4	SP-#2
WB	0.44	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1000	205 U	243 R
E	1000	207 U	262 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			
L -J	0.36	1025 C	0.06 0.30
J -B	0.36	853 C	0.06 0.30
B -K	0.28	848 C	0.06 0.22
K -C	0.29	1270 C	0.07 0.22
C -D	0.17	1365 C	0.08 0.09
Bottom Chords			
A -I	0.19	219 T	0.00 0.19
I -H	0.28	868 T	0.09 0.19
H -G	0.26	1077 T	0.18 0.08
G -F	0.30	1395 T	0.23 0.07
F -E	0.09	223 T	0.00 0.09
Webs			
A -L	0.09	950 C	WindLd
L -I	0.16	898 T	
I -J	0.04	133 T	
J -H	0.26	307 C	
H -B	0.42	635 T	
H -K	0.44	524 C	
G -K	0.05	335 T	
G -C	0.12	364 C	
F -C	0.09	774 C	
F -D	0.29	1608 T	
E -D	0.12	958 C	WindLd

TL Defl -0.12" in H -G L/999
LL Defl -0.04" in G -F L/999
Shear // Grain in L -J 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
L	MT20	3.0x 4.0	Ctr	Ctr	0.56
J	MT20	3.0x 4.0	Ctr	Ctr	0.40
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
K	MT20	3.0x 4.0	Ctr	Ctr	0.40
C	MT20	4.0x 4.0	Ctr	Ctr	0.58
D	MT20	3.0x 4.0-0.4-0.3			0.69
A	MT20	2.0x 4.0	Ctr	Ctr	0.29
I	MT20	3.0x 4.0-1.5	0.3		0.69
H	MT20	5.0x 7.0	Ctr-0.5		0.44
G	MT20	3.0x 4.0	Ctr	Ctr	0.33
F	MT20	3.0x 4.0	0.5	Ctr	0.78
E	MT20	2.0x 4.0	Ctr	Ctr	0.29

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

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

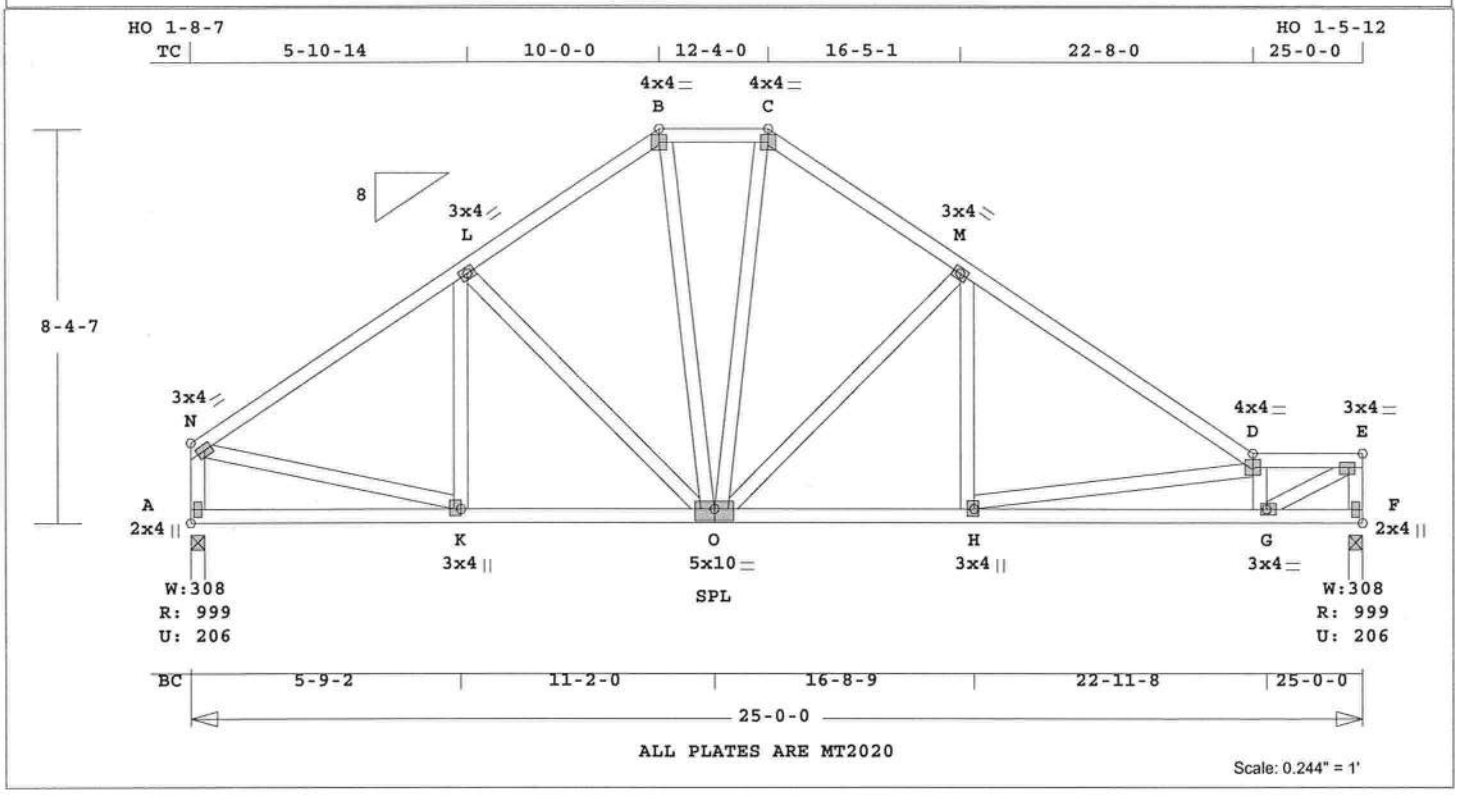
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1365 Lbs
Max tens. force 1608 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	*A10*	1	SP	25\0000	8	0	0	*T3506538*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 209.3 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.43	2x 4	SP-#2
BC	0.44	2x 4	SP-#2
WB	0.44	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1000	206 U	227 R
F	1000	206 U	221 R

Jt	Brg Size	Required
A	3.5"	1.5"
F	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			
N -L	0.33	1022 C	0.06 0.27
L -B	0.33	872 C	0.06 0.27
B -C	0.08	749 C	0.06 0.02
C -M	0.37	875 C	0.00 0.37
M -D	0.43	1296 C	0.03 0.40
D -E	0.27	1661 C	0.01 0.26
Bottom Chords			
A -K	0.19	204 T	0.00 0.19
K -O	0.28	865 T	0.09 0.19
O -H	0.32	1096 T	0.18 0.14
H -G	0.44	1748 T	0.29 0.15
G -F	0.10	202 T	0.00 0.10
Webs			
A -N	0.09	951 C	WindLd
N -K	0.16	894 T	
K -L	0.04	134 T	
L -O	0.24	292 C	
B -O	0.17	306 T	
O -C	0.18	319 T	
O -M	0.44	539 C	
H -M	0.05	341 T	
H -D	0.40	660 C	
G -D	0.08	918 C	
G -E	0.35	1921 T	
F -E	0.09	962 C	WindLd

TL Defl -0.17" in H -G L/999
LL Defl -0.06" in H -G L/999
Shear // Grain in M -D 0.23

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
N	MT20	3.0x 4.0	Ctr	Ctr	0.56
L	MT20	3.0x 4.0	Ctr	Ctr	0.40
B	MT20	4.0x 4.0	Ctr	Ctr	0.58
C	MT20	4.0x 4.0	Ctr	Ctr	0.58
M	MT20	3.0x 4.0	Ctr	Ctr	0.40
D	MT20	4.0x 4.0	Ctr	Ctr	0.58
E	MT20	3.0x 4.0-0.4-0.2			0.80
A	MT20	2.0x 4.0	Ctr	Ctr	0.29
K	MT20	3.0x 4.0-1.5	0.3		0.68
O	MT20	5.0x10.0	Ctr-0.5		0.50
H	MT20	3.0x 4.0	1.5	0.2	0.37
G	MT20	3.0x 4.0	0.5	Ctr	0.90
F	MT20	2.0x 4.0	Ctr	Ctr	0.29

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

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

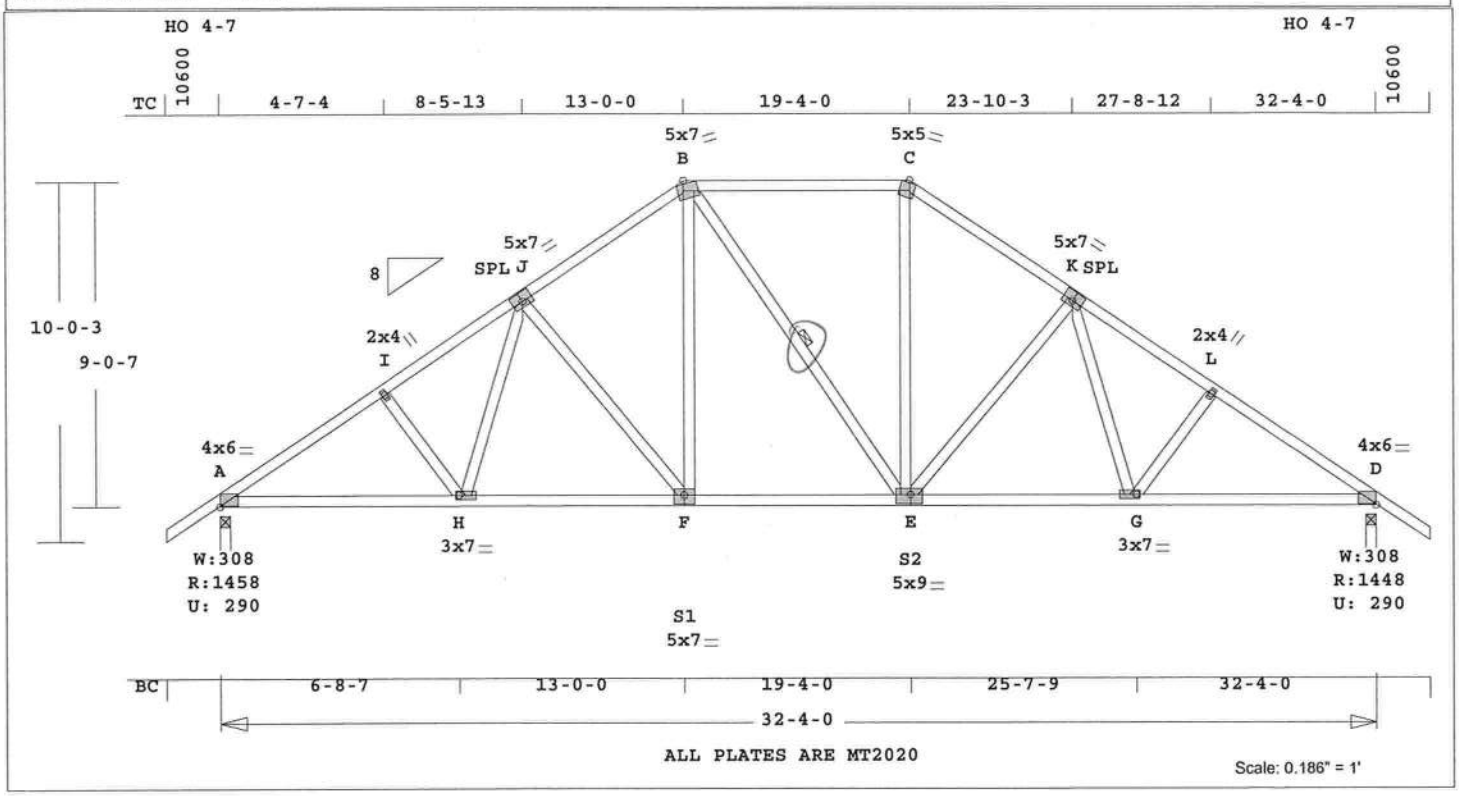
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1661 Lbs
Max tens. force 1921 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	A11	1	HIPP	320400	8	1- 6- 0	1- 6- 0	T3506539

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 252.3 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	Size	Lumber
TC	0.40	2x 4	SP-#2
BC	0.45	2x 4	SP-#2
WB	0.35	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	32- 4- 0
BC	Cont.	0- 0- 0	32- 4- 0

One Continuous Lateral Brace
B -S2
Attach CLB with (2)-10d nails
at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1458	291 U	233 R
D	1448	291 U	233 R

Jt	Brg Size	Required
A	3.5"	1.7"
D	3.5"	1.7"

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 -I	0.21	2027	C	0.10	0.11
I -J	0.24	1881	C	0.11	0.13
J -B	0.28	1501	C	0.01	0.27
B -C	0.40	1240	C	0.01	0.39
C -K	0.25	1482	C	0.01	0.24
K -L	0.24	1863	C	0.11	0.13
L -D	0.21	2010	C	0.10	0.11
Bottom Chords					
A -H	0.42	1680	T	0.28	0.14
H -S1	0.45	1491	T	0.25	0.20
S1-S2	0.41	1252	T	0.21	0.20
S2-G	0.43	1478	T	0.24	0.19
G -D	0.40	1665	T	0.27	0.13
Webs					
I -H	0.05	236	C		
H -J	0.05	328	T		
J -S1	0.35	428	C		
S1-B	0.19	512	T		
B -S2	0.05	129	T		1 Br
S2-C	0.20	478	T		
S2-K	0.35	431	C		
K -G	0.05	325	T		
G -L	0.05	234	C		

TL Defl -0.22" in S1-S2 L/999
LL Defl -0.11" in S1-S2 L/999
Shear // Grain in B -C 0.23

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	0.5	0.4	0.45
I	MT20	2.0x 4.0	Ctr	Ctr	0.28
J	MT20	5.0x 7.0	-0.3	0.5	0.48
B	MT20	5.0x 7.0	1.6-3.4		0.46
C	MT20	5.0x 5.0	-0.9-3.1		0.33
K	MT20	5.0x 7.0	0.3	0.5	0.48
L	MT20	2.0x 4.0	Ctr	Ctr	0.28
D	MT20	4.0x 6.0	-0.5	0.4	0.45
H	MT20	3.0x 7.0	Ctr	Ctr	0.24
S1	MT20	5.0x 7.0	Ctr	-0.5	0.39
S2	MT20	5.0x 9.0	-0.5	-0.5	0.49
G	MT20	3.0x 7.0	Ctr	Ctr	0.24

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

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

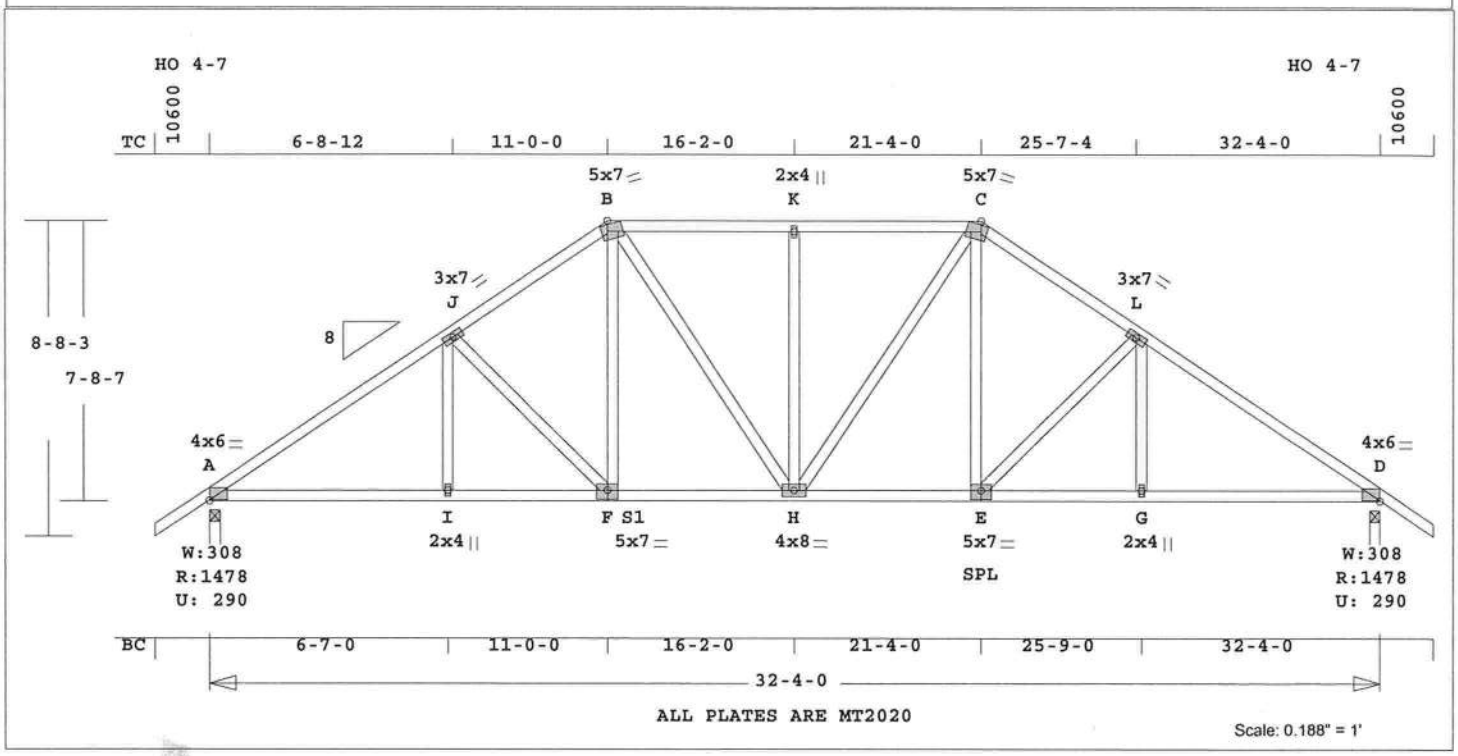
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2027 Lbs
Max tens. force 1680 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A12*	1	HIPP	320400	8	1- 6- 0	1- 6- 0	*T3506540*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 249.3 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	Size	Lumber
TC	0.38	2x 4	SP-#2
BC	0.38	2x 4	SP-#2
WB	0.30	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	32- 4- 0
BC	Cont.	0- 0- 0	32- 4- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1478	291 U	197 R
D	1479	291 U	197 R

Jt	Brg Size	Required
A	3.5"	1.7"
D	3.5"	1.7"

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 -J	0.38	1988 C	0.07	0.31
J -B	0.35	1678 C	0.10	0.25
B -K	0.31	1564 C	0.01	0.30
K -C	0.31	1564 C	0.01	0.30
C -L	0.35	1678 C	0.10	0.25
L -D	0.38	1988 C	0.07	0.31
Bottom Chords				
A -I	0.38	1651 T	0.27	0.11
I -S1	0.37	1651 T	0.27	0.10
S1-H	0.38	1388 T	0.23	0.15
H -E	0.38	1388 T	0.23	0.15
E -G	0.37	1651 T	0.27	0.10
G -D	0.38	1651 T	0.27	0.11

Webs

I -J	0.03	226	T
J -S1	0.25	422	C
S1-B	0.12	410	T
B -H	0.15	313	T
H -K	0.30	360	C
H -C	0.15	313	T
E -C	0.12	410	T
E -L	0.25	422	C
G -L	0.03	226	T

TL Defl -0.20" in H -E L/999
LL Defl -0.09" in H -E L/999
Shear // Grain in B -K 0.23

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	0.5	0.4	0.44
J	MT20	3.0x 7.0	Ctr	Ctr	0.26
B	MT20	5.0x 7.0	1.6	3.4	0.46
K	MT20	2.0x 4.0	Ctr	Ctr	0.29
C	MT20	5.0x 7.0	1.6	3.4	0.46
L	MT20	3.0x 7.0	Ctr	Ctr	0.26
D	MT20	4.0x 6.0	0.5	0.4	0.44
I	MT20	2.0x 4.0	Ctr	Ctr	0.29
S1	MT20	5.0x 7.0	Ctr	0.5	0.39
H	MT20	4.0x 8.0	Ctr	Ctr	0.20
E	MT20	5.0x 7.0	Ctr	0.5	0.39
G	MT20	2.0x 4.0	Ctr	Ctr	0.29

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

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

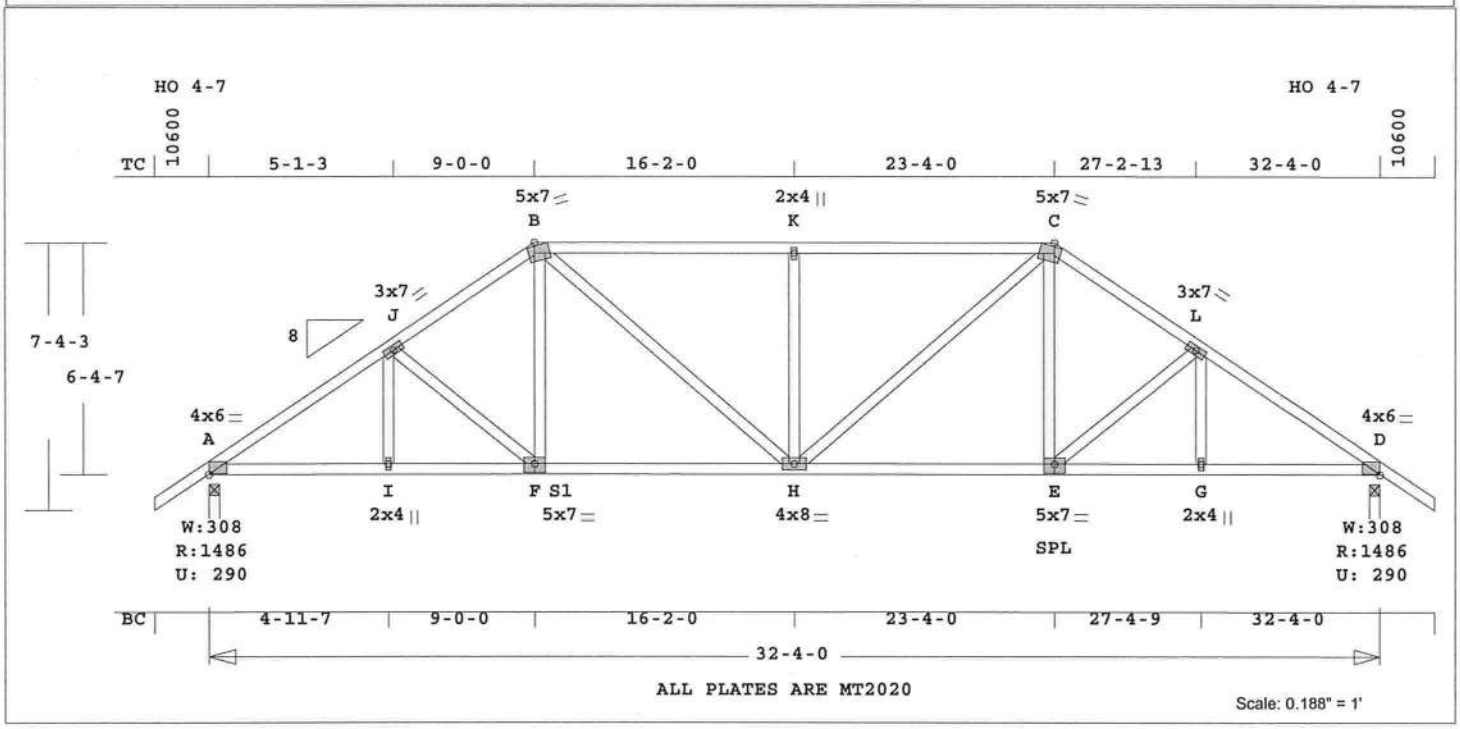
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1988 Lbs
Max tens. force 1651 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A13*	1	HIPP	320400	8	1- 6- 0	1- 6- 0	*T3506541*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 233.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.59	2x 4	SP-#2
BC	0.49	2x 4	SP-#2
WB	0.29	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	32- 4- 0
BC	Cont.	0- 0- 0	32- 4- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1487	291 U	161 R
D	1487	291 U	161 R

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

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 -J	0.23	2061 C	0.11 0.12
J -B	0.27	1832 C	0.01 0.26
B -K	0.59	1925 C	0.02 0.57
K -C	0.59	1925 C	0.02 0.57
C -L	0.27	1832 C	0.01 0.26
L -D	0.23	2061 C	0.11 0.12
Bottom Chords			
A -I	0.38	1705 T	0.28 0.10
I -S1	0.47	1705 T	0.28 0.19
S1-H	0.49	1531 T	0.25 0.24
H -E	0.49	1531 T	0.25 0.24
E -G	0.47	1705 T	0.28 0.19
G -D	0.38	1705 T	0.28 0.10
Webs			
I -J	0.02	142 T	
J -S1	0.13	308 C	
S1-B	0.06	349 T	
B -H	0.29	518 T	
H -K	0.27	488 C	
H -C	0.29	518 T	
E -C	0.06	349 T	
E -L	0.13	308 C	
G -L	0.02	142 T	

TL Defl -0.28" in S1-H L/999
LL Defl -0.13" in S1-H L/999
Shear // Grain in B -K 0.31

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	0.5	0.4	0.46
J	MT20	3.0x 7.0	Ctr	Ctr	0.24
B	MT20	5.0x 7.0	1.6	-3.4	0.44
K	MT20	2.0x 4.0	Ctr	Ctr	0.29
C	MT20	5.0x 7.0	-1.6	-3.4	0.44
L	MT20	3.0x 7.0	Ctr	Ctr	0.24
D	MT20	4.0x 6.0	-0.5	0.4	0.46
I	MT20	2.0x 4.0	Ctr	Ctr	0.29
S1	MT20	5.0x 7.0	Ctr	-0.5	0.39
H	MT20	4.0x 8.0	Ctr	Ctr	0.19
E	MT20	5.0x 7.0	Ctr	-0.5	0.39
G	MT20	2.0x 4.0	Ctr	Ctr	0.29

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

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

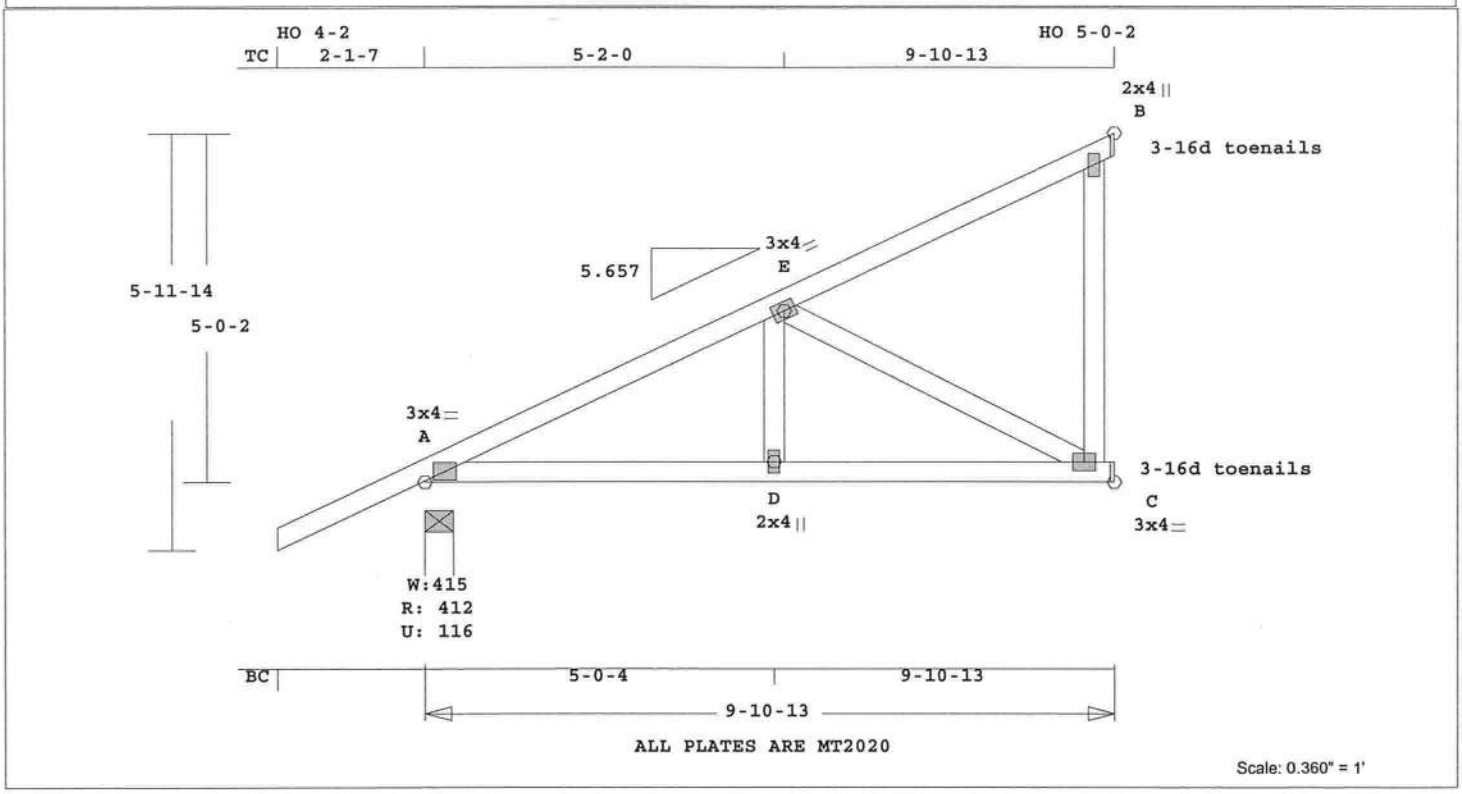
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 2061 Lbs
Max tens. force 1705 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***CJ1***	2	MONO.DD	91013	5.657	2- 1- 7	0	*T3506542*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 65.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.53	2x 4	SP-#2
BC	0.25	2x 4	SP-#2
WB	0.20	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	413	117 U	141 R
C	347	38 U	
B	243	111 U	202 R

Jt	Brg Size	Required
A	4.9"	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	20	40	0.0'	9.9'
BC V	20	0	0.0'	9.9'
TC V	-20	-40	0.0'	
	22	45		9.9'
BC V	-20	0	0.0'	
	22	0		9.9'

Plus 7 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	0.41	493 C	0.02 0.39
E -B	0.53	128 T	0.00 0.53
--------Bottom Chords---------			
A -D	0.21	465 T	0.05 0.16
D -C	0.25	465 T	0.05 0.20
------------Webs------------			
D -E	0.03	234 T	
E -C	0.20	525 C	
C -B	0.12	0 T	WindLd

TL Defl -0.05" in D -C L/999
LL Defl -0.02" in D -C L/999
Shear // Grain in E -B 0.35

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 4.0	Ctr	Ctr	0.52
E	MT20	3.0x 4.0	Ctr	Ctr	0.21
B	MT20	2.0x 4.0	Ctr	Ctr	0.12
D	MT20	2.0x 4.0	Ctr	Ctr	0.15
C	MT20	3.0x 4.0	Ctr	Ctr	0.28

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

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

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

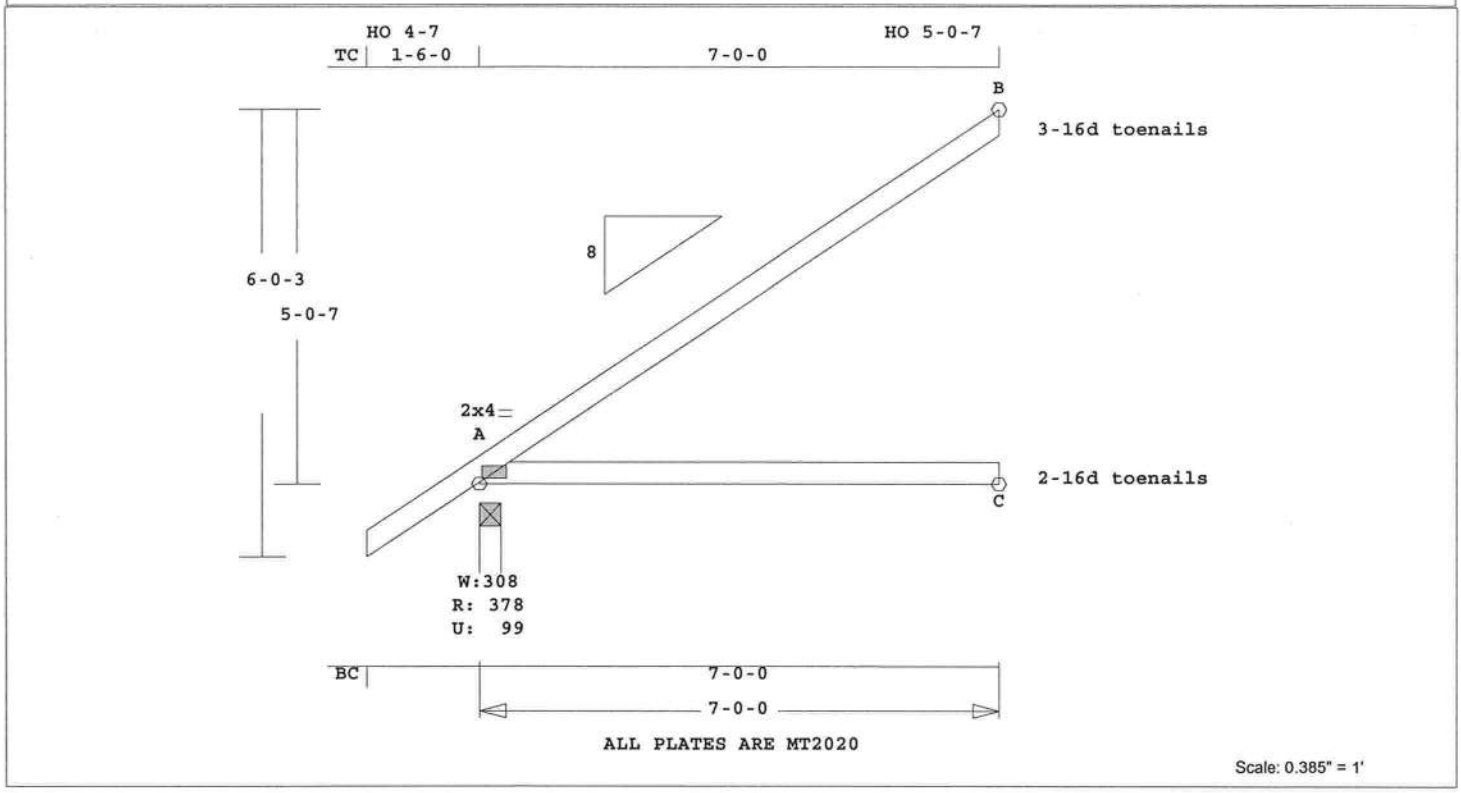
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder King Jack
Loading TC and BC
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 525 Lbs
Max tens. force 504 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***J1***	11	JCA2	70.000	8	1- 6- 0	0	*T3506543*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 32.9 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.49	2x 4	SP-#2
BC	0.39	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	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	379	99 U	272 R
C	133		
B	238	126 U	115 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	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	0.49	142 C	0.00 0.49
--------Bottom Chords---------			
A -C	0.39	0 T	0.00 0.39

TL Defl -0.19" in A -C L/405
LL Defl -0.08" in A -C L/999
Shear // Grain in A -B 0.23

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	2.0x 4.0	Ctr	Ctr	0.59

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

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

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

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

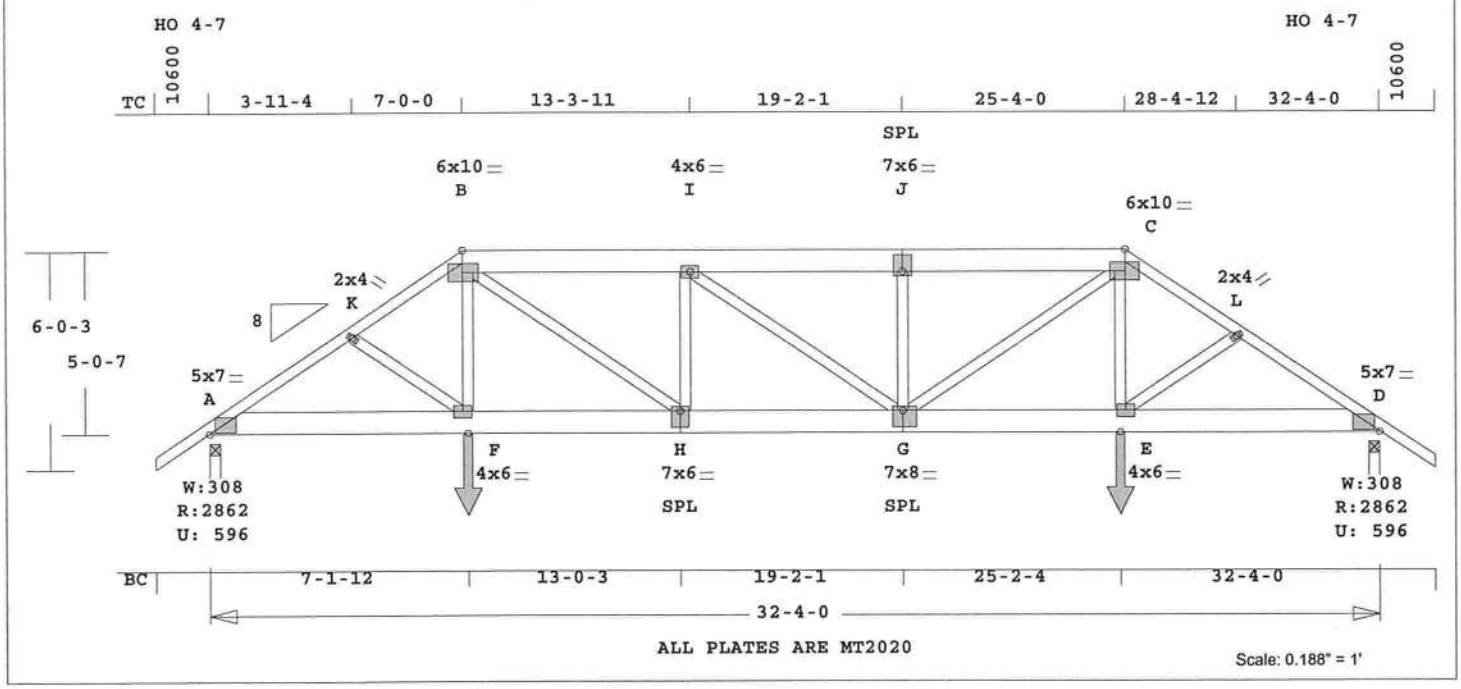
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 142 Lbs
Max tens. force 112 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	*Engineering*
FFSB-SPEC	***A14GIR***	1	HIPP	320400	8	1- 6- 0	1- 6- 0	*T3506544*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 312.8 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.69	2x 4	SP-#2
--	0.20	2x 8	SP-2400f-2.0E
	B -J	J -C	
BC	0.24	2x 8	SP-2400f-2.0E
WB	0.76	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	32- 4- 0
BC	Cont.	0- 0- 0	32- 4- 0

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2862	597 U	121 R
D	2862	597 U	121 R

Jt	Brg Size	Required
A	3.5"	2.4"
D	3.5"	2.4"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	32.3'
BC V	20	0	0.0'	32.3'
TC V	25	50	7.0'	25.3'
BC V	25	0	7.1'	25.2'
BC V	280	280	7.1'	CL-LB
BC V	280	280	25.2'	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 -K	0.41	4553 C	0.20 0.21
K -B	0.69	4439 C	0.16 0.53
B -I	0.20	5499 C	0.04 0.16
I -J	0.17	5486 C	0.04 0.13
J -C	0.20	5486 C	0.04 0.16
C -L	0.69	4440 C	0.16 0.53
L -D	0.41	4554 C	0.20 0.21
--------Bottom Chords---------			
A -F	0.23	3772 T	0.14 0.09
F -H	0.22	3723 T	0.14 0.08
H -G	0.24	5498 T	0.21 0.03
G -E	0.22	3724 T	0.14 0.08
E -D	0.23	3772 T	0.14 0.09
------------Webs------------			
K -F	0.03	132 C	
F -B	0.13	768 T	
B -H	0.76	2162 T	
H -I	0.23	906 C	
I -G	0.04	55 C	
G -J	0.23	902 C	
G -C	0.75	2146 T	
E -C	0.13	769 T	
E -L	0.03	131 C	

TL Defl -0.39" in H -G L/981
LL Defl -0.16" in H -G L/999
Shear // Grain in B -I 0.29

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 7.0	Ctr	-0.6	0.94
K	MT20	2.0x 4.0	Ctr	Ctr	0.23
B	MT20	6.0x10.0	-1.5	Ctr	0.85
I	MT20	4.0x 6.0	Ctr	Ctr	0.18
J	MT20	7.0x 6.0	Ctr	2.0	0.44
C	MT20	6.0x10.0	1.5	Ctr	0.85
L	MT20	2.0x 4.0	Ctr	Ctr	0.23
D	MT20	5.0x 7.0	Ctr	-0.6	0.94
F	MT20	4.0x 6.0	Ctr	Ctr	0.26
H	MT20	7.0x 6.0	Ctr	-2.0	0.86
G	MT20	7.0x 8.0	0.5	-2.0	0.93
E	MT20	4.0x 6.0	Ctr	Ctr	0.26

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:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002

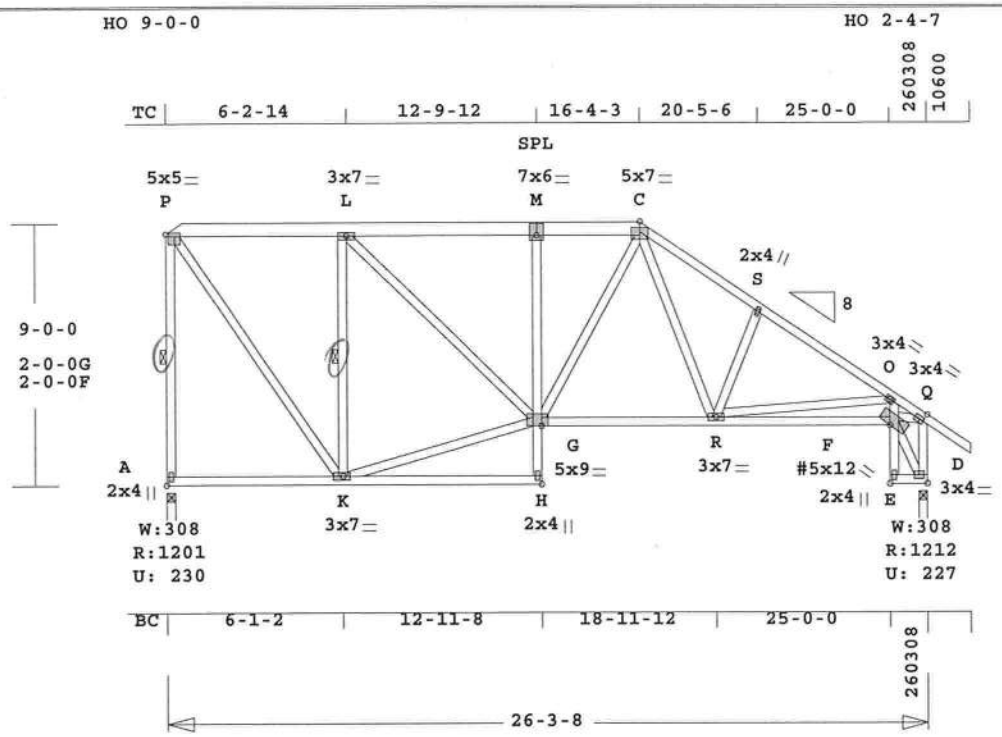
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 5499 Lbs
Max tens. force 5498 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A15*	1	SP	260308	8	0	1- 6- 0	*T3506545*

FIRST FEDERAL--SPEC



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

Scale: 0.151" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 276.3 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.24	2x 4	SP-#2
--	0.21	2x 6	SP-#2
	P -M	M -C	
BC	0.43	2x 4	SP-#2
CW	0.14	2x 4	SP-#2
WB	0.76	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	24.0"	0- 0- 0	16- 4- 3
TC	Cont.	16- 4- 3	26- 3- 8
BC	Cont.	0- 0- 0	26- 3- 8

One Continuous Lateral Brace
A -P K -L
Attach CLB with (2)-10d nails at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1201	230 U	358 R
D	1212	227 U	229 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 BC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd	
----------Top Chords----------				
P -L	0.21	638 C	0.00	0.21
L -M	0.21	1130 C	0.00	0.21
M -C	0.12	1136 C	0.05	0.07
C -S	0.24	1443 C	0.08	0.16
S -O	0.24	1543 C	0.08	0.16
O -Q	0.17	1541 C	0.06	0.11
--------Bottom Chords---------				
A -K	0.31	280 T	0.00	0.31
K -H	0.31	25 C	0.00	0.31
G -R	0.38	1029 T	0.17	0.21
R -F	0.43	1345 T	0.22	0.21
E -D	0.00	20 T		
----------Chord-Webs----------				
H -G	0.10	105 T	0.00	0.10
G -M	0.13	335 C	0.05	0.08
E -F	0.08	19 T	0.00	0.08
F -O	0.14	261 T	0.00	0.14
------------Webs------------				
A -P	0.49	1073 C	WindLd	1 Br
P -K	0.76	1125 T		
K -L	0.27	919 C		1 Br
K -G	0.12	693 T		
L -G	0.25	690 T		
G -C	0.07	218 T		
C -R	0.14	456 T		
R -S	0.08	289 C		
R -O	0.26	451 C		
F -Q	0.24	1309 T		
F -D	0.05	395 T		
D -Q	0.13	1158 C	WindLd	

TL Defl -0.17" in K -H L/999
LL Defl -0.07" in K -H L/999
Shear // Grain in P -L 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
P	MT20	5.0x 5.0	Ctr	-0.9	0.26
L	MT20	3.0x 7.0	Ctr	Ctr	0.27
M	MT20	7.0x 6.0	Ctr	1.5	0.36
C	MT20	5.0x 7.0	Ctr	-0.6	0.57
S	MT20	2.0x 4.0	Ctr	Ctr	0.24
O	MT20	3.0x 4.0	Ctr	Ctr	0.40
Q	MT20	3.0x 4.0	Ctr	Ctr	0.70
A	MT20	2.0x 4.0	Ctr	Ctr	0.33
K	MT20	3.0x 7.0	-0.5	Ctr	0.65
H	MT20	2.0x 4.0	Ctr	Ctr	0.58
G	MT20	5.0x 9.0	Ctr	0.8	0.47
R	MT20	3.0x 7.0	Ctr	Ctr	0.42
F#	MT20	5.0x12.0	Ctr	2.1	0.88
E	MT20	2.0x 4.0	Ctr	Ctr	0.58
D	MT20	3.0x 4.0	Ctr	Ctr	0.41

= Plate Monitor used
REVIEWED BY:
Robbins Engineering, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

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

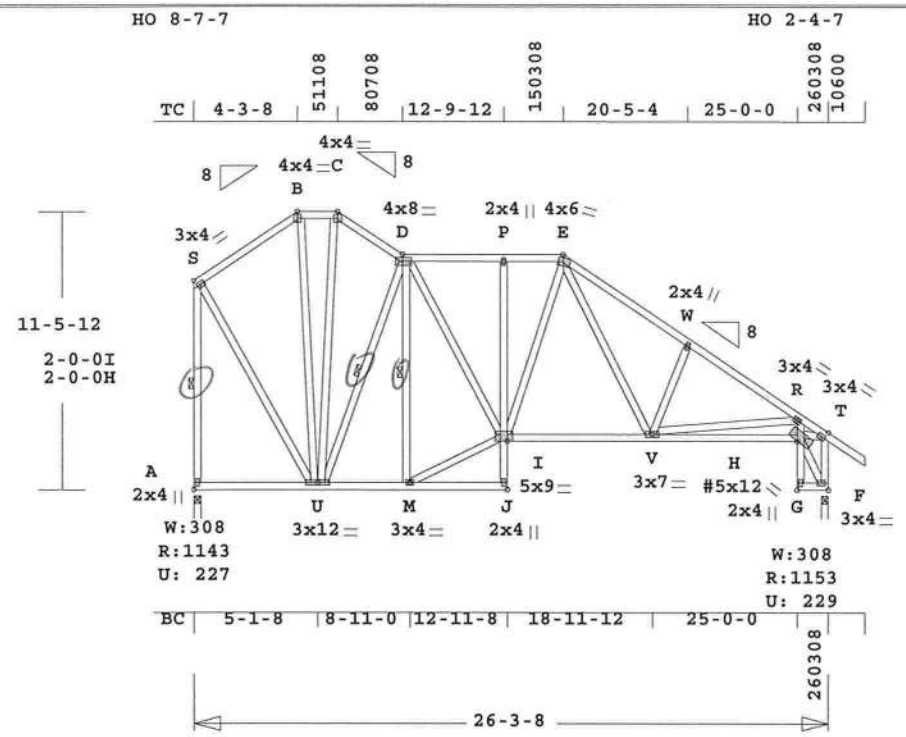
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf 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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1543 Lbs
Max tens. force 1345 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*A16*	1	SP	26 0308	8	0	1- 6- 0	*T3506546*

FIRST FEDERAL--SPEC



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

Scale: 0.125" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 322.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.36	2x 4	SP-#2
CW	0.14	2x 4	SP-#2
WB	0.48	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	26- 3- 8
BC	Cont.	0- 0- 0	26- 3- 8

One Continuous Lateral Brace
A -S U -D M -D
Attach CLB with (2)-10d nails at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1143	227 U	421 R
F	1153	230 U	297 R

Jt	Brg Size	Required
A	3.5"	1.5"
F	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			
S -B	0.20	484 C	0.05 0.15
B -C	0.10	474 C	0.05 0.05
C -D	0.12	495 C	0.05 0.07
D -P	0.19	925 C	0.00 0.19
P -E	0.14	927 C	0.07 0.07
E -W	0.30	1329 C	0.08 0.22
W -R	0.30	1438 C	0.08 0.22
R -T	0.15	1454 C	0.06 0.09
Bottom Chords			
A -U	0.19	307 T	0.00 0.19
U -M	0.23	654 T	0.10 0.13
M -J	0.09	26 C	0.00 0.09
I -V	0.31	894 T	0.09 0.22
V -H	0.36	1278 T	0.14 0.22
G -F	0.00	24 T	
Chord-Webs			
J -I	0.10	68 T	0.01 0.09
I -P	0.04	159 C	0.01 0.03
G -H	0.08	19 T	0.00 0.08
H -R	0.14	367 T	0.00 0.14
Webs			
A -S	0.48	1034 C	WindLd 1 Br
S -U	0.24	760 T	
B -U	0.16	127 T	
U -C	0.30	177 T	
U -D	0.29	729 C	1 Br
M -D	0.09	259 C	1 Br
M -I	0.13	737 T	
D -I	0.10	552 T	
I -E	0.05	147 T	
E -V	0.24	457 T	
V -W	0.09	336 C	
V -R	0.32	556 C	
H -T	0.22	1230 T	
H -F	0.07	534 T	
F -T	0.12	1108 C	WindLd

TL Defl -0.12" in I -V L/999
LL Defl -0.04" in I -V L/999
Shear // Grain in E -W 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
S	MT20	3.0x 4.0	Ctr	Ctr	0.61
B	MT20	4.0x 4.0	Ctr	Ctr	0.58
C	MT20	4.0x 4.0	Ctr	Ctr	0.58
D	MT20	4.0x 8.0	0.5	Ctr	0.64
P	MT20	2.0x 4.0	Ctr	Ctr	0.29
E	MT20	4.0x 6.0	0.5-3.7		0.50
W	MT20	2.0x 4.0	Ctr	Ctr	0.24
R	MT20	3.0x 4.0	Ctr	Ctr	0.40
T	MT20	3.0x 4.0	Ctr	Ctr	0.67
A	MT20	2.0x 4.0	Ctr	Ctr	0.31
U	MT20	3.0x12.0	Ctr	Ctr	0.42
M	MT20	3.0x 4.0	Ctr	Ctr	0.43
J	MT20	2.0x 4.0	Ctr	Ctr	0.58
I	MT20	5.0x 9.0	Ctr	0.8	0.52
V	MT20	3.0x 7.0	Ctr	Ctr	0.42
H	MT20	5.0x12.0	0.3	2.3	0.67
G	MT20	2.0x 4.0	Ctr	Ctr	0.58
F	MT20	3.0x 4.0	Ctr	Ctr	0.39

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

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

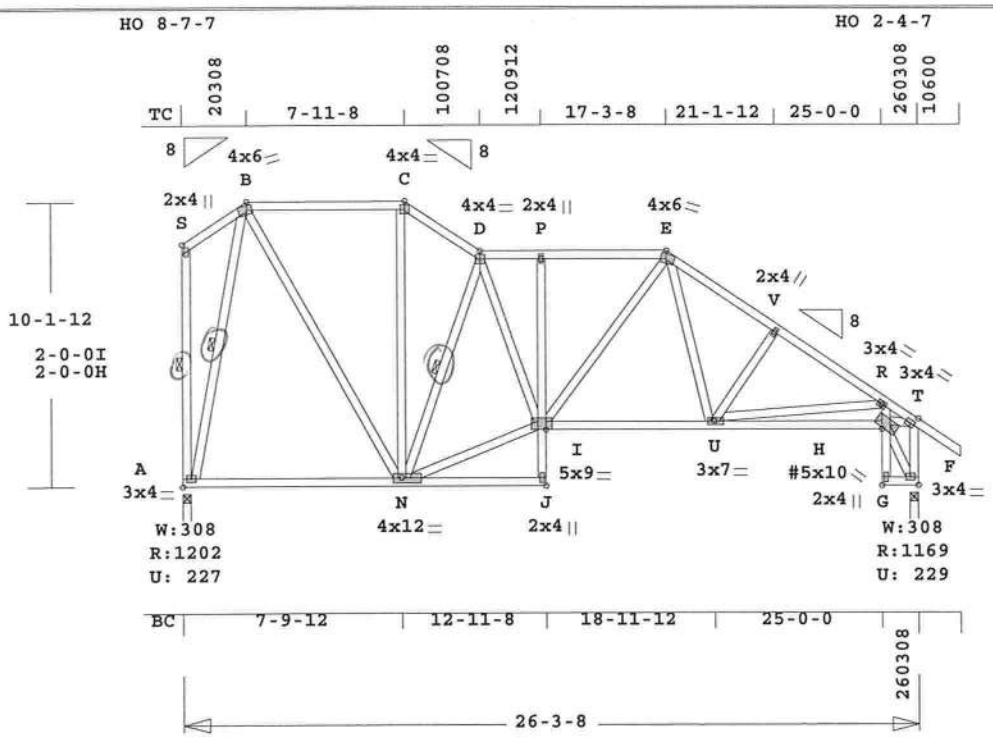
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf 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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1454 Lbs
Max tens. force 1278 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	A17	1	SP	260308	8	0	1- 6- 0	T3506547

FIRST FEDERAL--SPEC



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

Scale: 0.145" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 289.9 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.24	2x 4	SP-#2
BC	0.55	2x 4	SP-#2
CW	0.14	2x 4	SP-#2
WB	0.59	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	26- 3- 8
BC	Cont.	0- 0- 0	26- 3- 8

One Continuous Lateral Brace
A -S A -B N -D
Attach CLB with (2)-10d nails at each web.

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1202	228 U	384 R
F	1170	230 U	262 R

Jt	Brg Size	Required
A	3.5"	1.5"
F	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				
S -B	0.08	277 T	0.00	0.08
B -C	0.24	640 C	0.00	0.24
C -D	0.14	735 C	0.06	0.08
D -P	0.14	1163 C	0.00	0.14
P -E	0.16	1167 C	0.00	0.16
E -V	0.21	1358 C	0.08	0.13
V -R	0.21	1492 C	0.08	0.13
R -T	0.13	1458 C	0.06	0.07
Bottom Chords				
A -N	0.55	264 T	0.03	0.52
N -J	0.44	18 C	0.00	0.44
I -U	0.33	1038 T	0.10	0.23
U -H	0.36	1272 T	0.13	0.23
G -F	0.00	21 T		
Chord-Webs				
J -I	0.06	55 T	0.00	0.06
I -P	0.06	164 C	0.01	0.05
G -H	0.07	19 T	0.00	0.07
H -R	0.14	317 T	0.00	0.14
Webs				
A -S	0.44	206 C	WindLd	1 Br
A -B	0.40	990 C		1 Br
B -N	0.59	854 T		
N -C	0.11	187 T		
N -D	0.31	1043 C		1 Br
N -I	0.19	1068 T		
D -I	0.08	479 T		
I -E	0.06	210 T		
E -U	0.07	363 T		
U -V	0.07	267 C		
U -R	0.26	465 C		
H -T	0.22	1223 T		
H -F	0.06	463 T		
F -T	0.12	1124 C	WindLd	

TL Defl -0.26" in A -N L/999
LL Defl -0.13" in A -N L/999
Shear // Grain in A -N 0.23

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
S	MT20	2.0x 4.0	Ctr	Ctr	0.22
B	MT20	4.0x 6.0	-0.5	-3.7	0.47
C	MT20	4.0x 4.0	Ctr	Ctr	0.58
D	MT20	4.0x 4.0	Ctr	Ctr	0.58
P	MT20	2.0x 4.0	Ctr	Ctr	0.29
E	MT20	4.0x 6.0	0.5	-3.7	0.49
V	MT20	2.0x 4.0	Ctr	Ctr	0.29
R	MT20	3.0x 4.0	Ctr	Ctr	0.40
T	MT20	3.0x 4.0	Ctr	Ctr	0.67
A	MT20	3.0x 4.0	Ctr	Ctr	0.27
N	MT20	4.0x12.0	Ctr	Ctr	0.41
J	MT20	2.0x 4.0	Ctr	Ctr	0.58
I	MT20	5.0x 9.0	Ctr	0.8	0.52
U	MT20	3.0x 7.0	0.5	Ctr	0.45
H	MT20	5.0x10.0	0.4	2.4	0.73
G	MT20	2.0x 4.0	Ctr	Ctr	0.58
F	MT20	3.0x 4.0	Ctr	Ctr	0.39

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

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

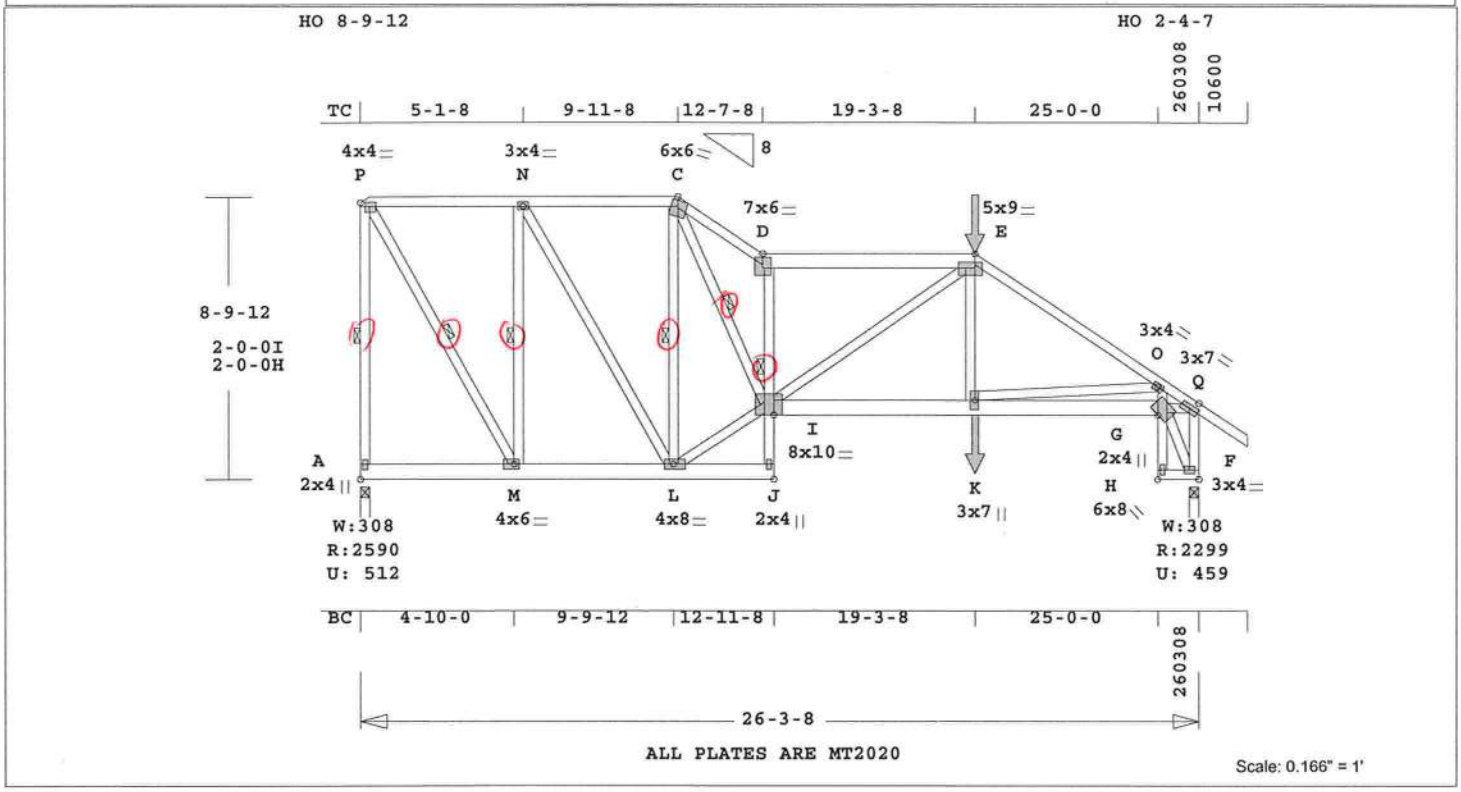
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C.
in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf 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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1492 Lbs
Max tens. force 1272 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	A18GIR	1	SP	260308	8	0	1- 6- 0	T3506548

FIRST FEDERAL--SPEC

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Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

     CSI -Size- ----Lumber----
TC  0.76  2x 4  SP-#2
--  0.71  2x 6  SP-#2
    D -E
BC  0.59  2x 6  SP-#2
--  0.01  2x 4  SP-#2
    G -F
CW  0.42  2x 4  SP-#2
WB  0.75  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.    0- 0- 0 26- 3- 8
 BC  Cont.    0- 0- 0 26- 3- 8
One Continuous Lateral Brace
  A -P   P -M   M -N   L -C
  C -I   J -D
Attach CLB with (2)-10d nails
  at each web.

psf-Ld  Dead  Live
TC      10.0  20.0
BC      10.0   0.0
TC+BC   20.0  20.0
Total   40.0   Spacing  24.0"
Lumber Duration Factor  1.25
Plate  Duration Factor  1.25
TC Fb=1.00  Fc=1.00  Ft=1.00
BC Fb=1.00  Fc=1.00  Ft=1.00

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A   2591   513 U   356 R
F   2299   460 U   225 R

Jt   Brg Size   Required
A       3.5"       3.1"
F       3.5"       2.7"

LC#  1  BCLS Loading
Dur Fctrs - Lbr 1.25  Plt 1.25
plf - Dead  Live* From    To
TC V    20    40   0.0'  26.3'
BC V    20     0   0.0'  26.3'
TC V    25    50  13.0'  19.3'
BC V    25     0  13.0'  19.3'
BC V    50    50   0.0'  13.0'
BC V     0    40   0.3'   2.7'
BC V     0    40   5.1'   7.5'
TC V   103   103  19.3'  CL-LB
BC V   182   182  19.3'  CL-LB

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

```
Robbins Engineering, Inc./Online Plus™
Plus  1 DL Load Case(s)

Membr  CSI  P Lbs  Axl-CSI-Bnd
----------Top Chords----------
P -N  0.40  1236 C  0.01  0.39
N -C  0.41  1825 C  0.02  0.39
C -D  0.76  4206 C  0.14  0.62
D -E  0.71  3590 C  0.05  0.66
E -O  0.63  3480 C  0.09  0.54
O -Q  0.39  3333 C  0.19  0.20
--------Bottom Chords---------
A -M  0.29   280 T  0.00  0.29
M -L  0.45  1236 T  0.16  0.29
L -J  0.26    73 T  0.00  0.26
I -K  0.59  2899 T  0.38  0.21
K -H  0.51  2777 T  0.37  0.14
G -F  0.01    64 T  0.01  0.00
----------Chord-Webs----------
J -I  0.31   125 T  0.01  0.30
I -D  0.42  2765 C  0.16  0.26
G -H  0.28    19 T  0.00  0.28
H -O  0.07   277 C  0.03  0.04
------------Webs-------------
A -P  0.65  2274 C WindLd 1 Br
P -M  0.45  2488 T        1 Br
M -N  0.40  1416 C        1 Br
N -L  0.72  1184 T
L -C  0.47  1633 C        1 Br
L -I  0.39  2129 T
C -I  0.75  4072 T        1 Br
I -E  0.29   840 T
K -E  0.11   742 T
K -O  0.21   393 C
H -Q  0.51  2783 T
H -F  0.04   340 T
F -Q  0.24  2151 C WindLd

TL Defl  -0.45" in I -K  L/685
LL Defl  -0.18" in I -K  L/999
Shear // Grain  in D -E   0.36

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
P  MT20  4.0x 4.0 0.2-0.4 0.88
N  MT20  3.0x 4.0 Ctr Ctr 0.76
C  MT20  6.0x 6.0 0.2-4.6 1.00
D  MT20  7.0x 6.0 Ctr-0.5 0.87
E  MT20  5.0x 9.0 Ctr Ctr 0.74
O  MT20  3.0x 4.0 Ctr Ctr 0.40
Q  MT20  3.0x 7.0 Ctr Ctr 0.85
A  MT20  2.0x 4.0 Ctr Ctr 0.65
M  MT20  4.0x 6.0-1.0 Ctr 0.96
L  MT20  4.0x 8.0 0.5 Ctr 0.71
J  MT20  2.0x 4.0 Ctr Ctr 0.91
I  MT20  8.0x10.0 Ctr 1.2 0.87
```

```
APPROX. TRUSS WEIGHT: 294.1 LBS
K  MT20  3.0x 7.0 1.5 0.1 0.30
H  MT20  6.0x 8.0 0.3 0.3 0.69
G  MT20  2.0x 4.0 Ctr Ctr 0.58
F  MT20  3.0x 4.0 Ctr Ctr 0.75

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

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

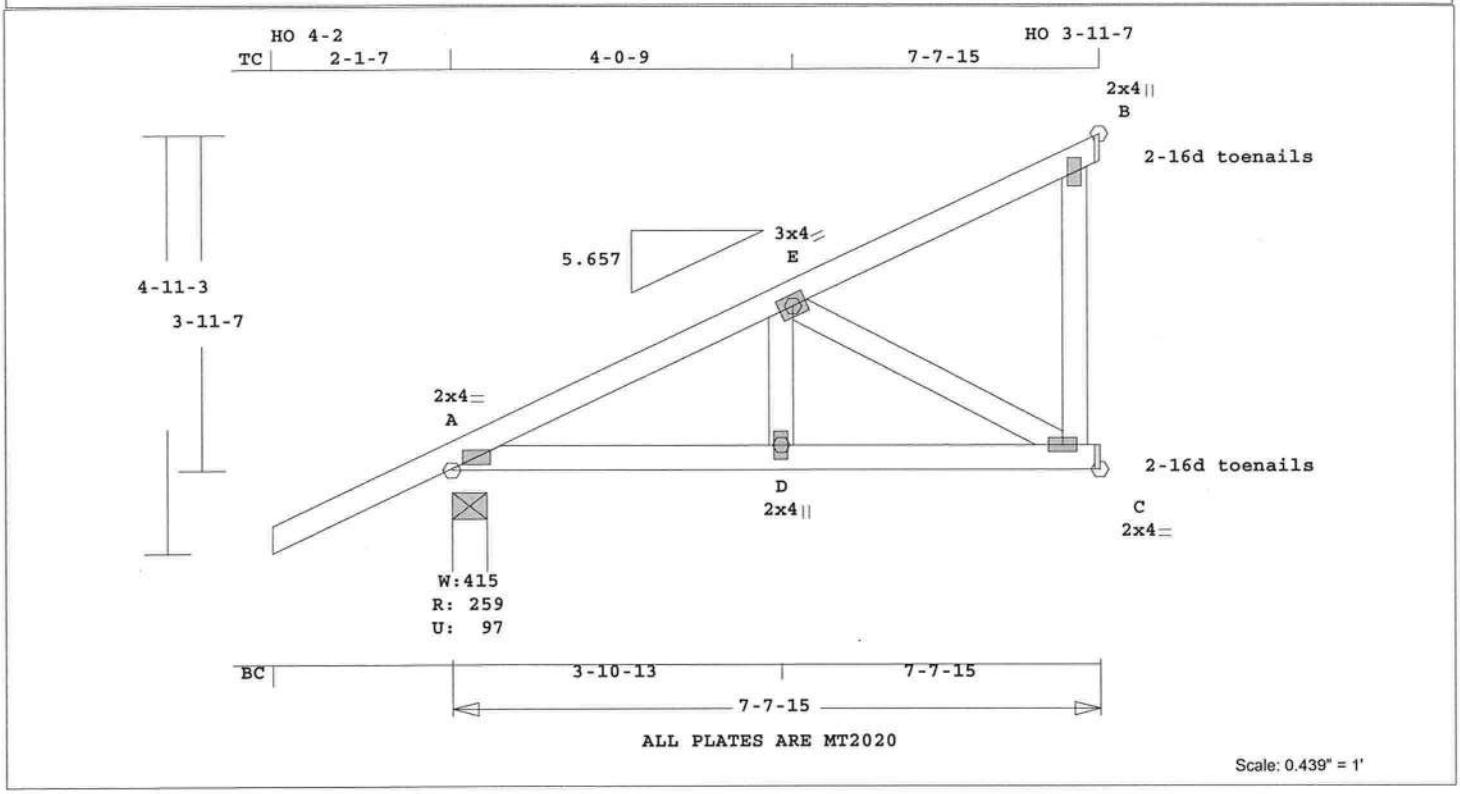
NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
OH Loading
  Soffit psf 2.0
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
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:          120 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:        5.0 psf
  BC Dead Load:        5.0 psf
Max comp. force     4206 Lbs
Max tens. force     4072 Lbs
Quality Control Factor 1.25
This truss is designed for a
creep factor of 1.5  which is
used to calculate total load
deflection.
```


Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*CJ2*	1	MONO.DD	70715	5.657	2- 1- 7	0	*T3506549*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 51.2 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.28	2x 4	SP-#2
BC	0.10	2x 4	SP-#2
WB	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	7- 7-15
BC	Cont.	0- 0- 0	7- 7-15

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	260	97 U	98 R
C	197	20 U	
B	143	60 U	130 R

Jt	Brg Size	Required
A	4.9"	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	20	40	0.0'	7.7'
BC V	20	0	0.0'	7.7'
TC V	-20	-40	0.0'	
	11	22		7.7'
BC V	-20	0	0.0'	
	11	0		7.7'

Plus 7 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	0.19	263 C	0.01 0.18
E -B	0.28	81 T	0.00 0.28
--------Bottom Chords---------			
A -D	0.08	247 T	0.03 0.05
D -C	0.10	247 T	0.03 0.07
-------------Webs-------------			
D -E	0.01	127 T	
E -C	0.06	311 T	
C -B	0.07	0 T	WindLd

TL Defl -0.01" in D -C L/999
LL Defl -0.01" in D -C L/999
Shear // Grain in E -B 0.23

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	2.0x 4.0	Ctr	Ctr	0.66
E	MT20	3.0x 4.0	Ctr	Ctr	0.20
B	MT20	2.0x 4.0	Ctr	Ctr	0.12
D	MT20	2.0x 4.0	Ctr	Ctr	0.12
C	MT20	2.0x 4.0	Ctr	Ctr	0.25

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

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

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

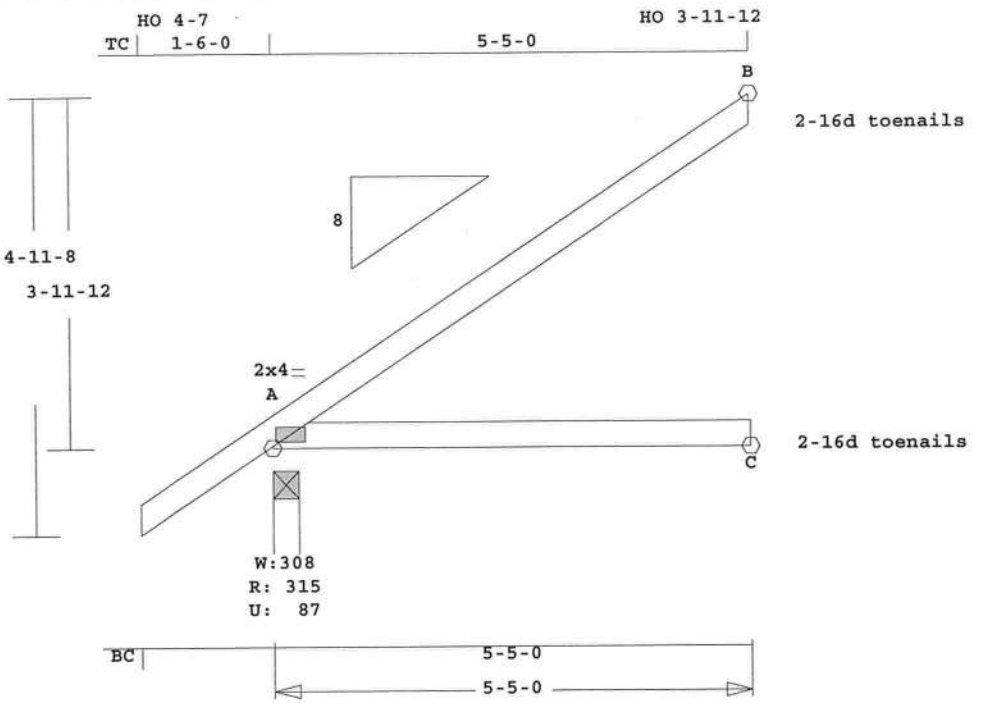
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder King Jack
Loading TC and BC
Setback 5- 5- 0
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Use properly rated hangers for loads framing into girder truss.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 281 Lbs
Max tens. force 311 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*J5*	9	JCA2	50500	8	1- 6- 0	0	*T3506550*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.458" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 26.3 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.29	2x 4	SP-#2
BC	0.23	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	316	87 U	216 R
C	103		
B	187	98 U	89 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	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	0.29	113 C	0.01 0.28
--------Bottom Chords---------			
A -C	0.23	0 T	0.00 0.23

TL Defl -0.06" in A -C L/900
LL Defl -0.03" in A -C L/999
Shear // Grain in A -B 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	2.0x 4.0	Ctr	Ctr	0.59

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

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

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

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

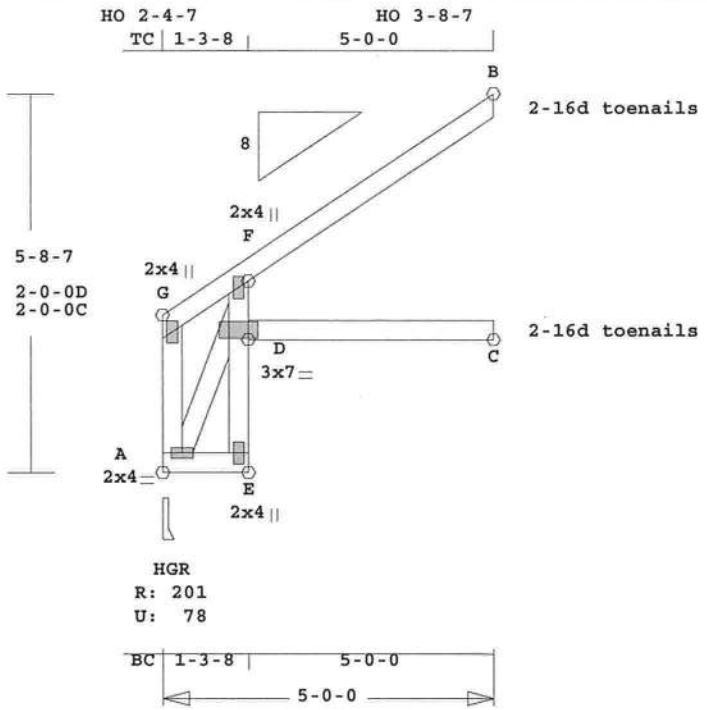
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 113 Lbs
Max tens. force 89 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***VJ3***	1	SP	50,000	8	0	0	*T3506551*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.344" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 34.1 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.57	2x 4	SP-#2
CW	0.35	2x 4	SP-#2
WB	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4-10- 8
BC	Cont.	0- 0- 0	4-10- 8

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	202	79 U	338 R
C	108	36 U	
B	204	111 U	126 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----------				
G -F	0.28	212 T	0.02	0.26
F -B	0.35	124 C	0.00	0.35
--------Bottom Chords---------				
A -E	0.01	84 C	0.01	0.00
D -C	0.57	0 T	0.00	0.57
----------Chord-Webs----------				
E -D	0.27	19 T	0.00	0.27
D -F	0.35	233 C	0.00	0.35
------------Webs------------				
A -G	0.07	281 T	WindLd	
A -D	0.04	401 C		

TL Defl -0.06" in D -C L/888
LL Defl -0.03" in D -C L/999

Hz Disp	LL	DL	TL
Jt B	0.17"	0.03"	0.20"

Shear // Grain in G -F 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
G	MT20	2.0x 4.0	Ctr	Ctr	0.14
F	MT20	2.0x 4.0	Ctr	Ctr	0.13
A	MT20	2.0x 4.0	Ctr	Ctr	0.25
E	MT20	2.0x 4.0	Ctr	Ctr	0.58
D	MT20	3.0x 7.0	Ctr	Ctr	0.51

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

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

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

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

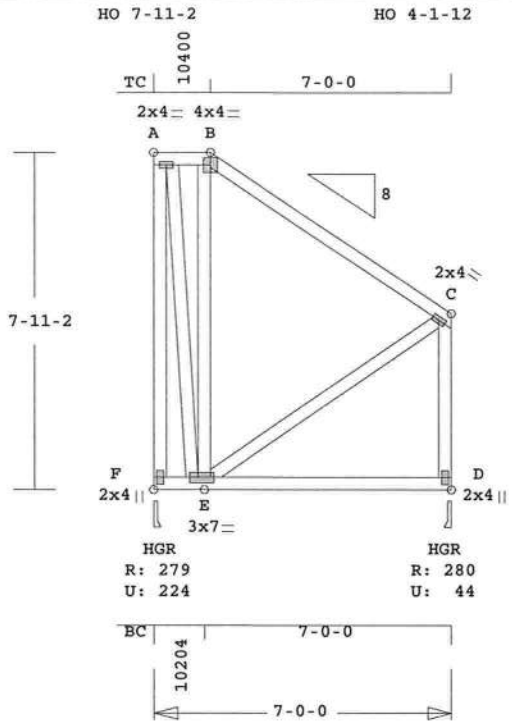
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 401 Lbs
Max tens. force 281 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***M1***	1	HHIP	70000	8	0	0	*T3506552*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.220" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 90.0 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.18	2x 4	SP-#2
WB	0.48	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	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
F	280	225 U	314 R
D	280	44 U	231 R

Jt	Brg Size	Required
F	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 -B	0.17	271 T	0.03 0.14
B -C	0.35	178 T	0.02 0.33
Bottom Chords			
F -E	0.18	245 T	0.00 0.18
E -D	0.18	170 T	0.00 0.18
Webs			
F -A	0.48	314 C	WindLd
A -E	0.19	370 T	
E -B	0.25	278 C	
E -C	0.08	211 T	
D -C	0.09	229 C	WindLd

TL Defl -0.07" in E -D L/999
LL Defl -0.03" in E -D 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	2.0x 4.0	Ctr	Ctr	0.39
B	MT20	4.0x 4.0	Ctr	Ctr	0.58
C	MT20	2.0x 4.0	Ctr	Ctr	0.30
F	MT20	2.0x 4.0	Ctr	Ctr	0.19
E	MT20	3.0x 7.0	1.0	Ctr	0.33
D	MT20	2.0x 4.0	Ctr	Ctr	0.13

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:
Mayo Truss Co. Inc.
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B

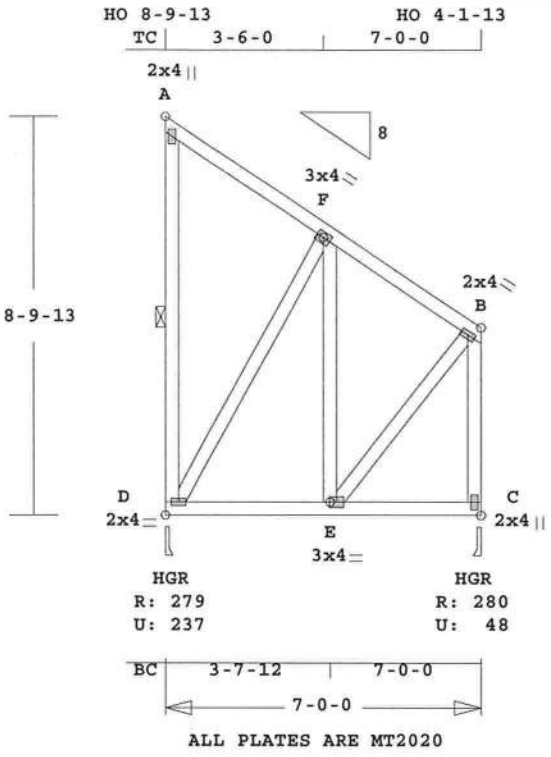
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 314 Lbs
Max tens. force 370 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***M2***	5	SP	70000	8	0	0	*T3506553*

FIRST FEDERAL--SPEC



Scale: 0.234" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 84.5 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.17	2x 4	SP-#2
BC	0.08	2x 4	SP-#2
WB	0.60	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

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
D	280	238 U	347 R
C	280	49 U	249 R

Jt	Brg Size	Required
D	3.5"	1.5"
C	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 -F	0.17	246 T	0.03 0.14
F -B	0.16	196 T	0.02 0.14
--------Bottom Chords---------			
D -E	0.08	175 T	0.00 0.08
E -C	0.08	188 T	0.00 0.08
------------Webs------------			
D -A	0.60	90 C	WindLd 1 Br
D -F	0.20	271 C	
E -F	0.06	120 C	
E -B	0.03	210 T	
C -B	0.09	252 C	WindLd

TL Defl -0.01" in D -E L/999
LL Defl 0.00" in D -E L/999
Shear // Grain in A -F 0.13

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	2.0x 4.0	Ctr	Ctr	0.15
F	MT20	3.0x 4.0	Ctr	Ctr	0.22
B	MT20	2.0x 4.0	Ctr	Ctr	0.30
D	MT20	2.0x 4.0	Ctr	Ctr	0.25
E	MT20	3.0x 4.0	Ctr	Ctr	0.17
C	MT20	2.0x 4.0	Ctr	Ctr	0.15

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

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

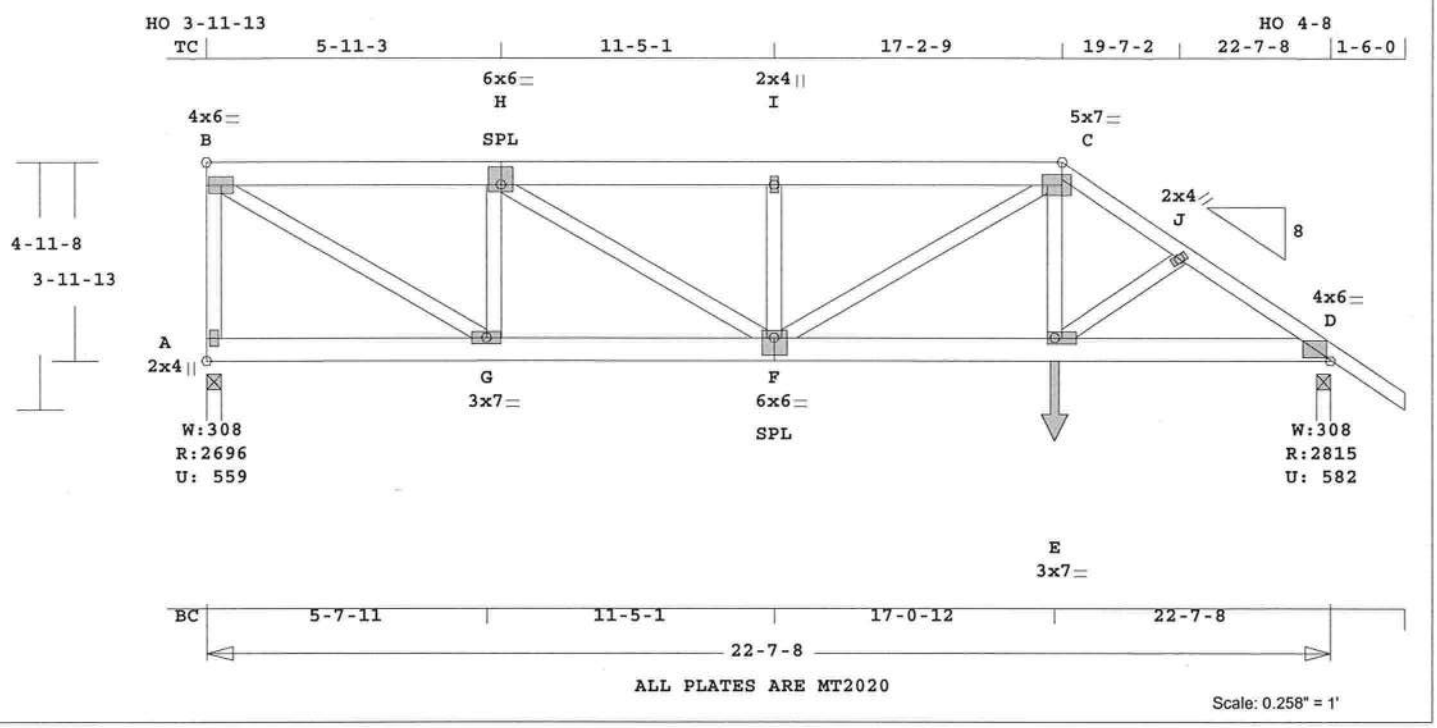
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 271 Lbs
Max tens. force 246 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	A19GIR	1*2P	SP	220708	8	0	1- 6- 0	T3506554

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 192.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09
****
* 2-Ply Truss *
****

	CSI	-Size-	----Lumber----
TC	0.28	2x 4	SP-#2
--	0.20	2x 6	SP-#2
	B -H	H -C	
BC	0.40	2x 6	SP-#2
WB	0.38	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	22- 7- 8
BC	Cont.	0- 0- 0	22- 7- 8

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2697	560 U	149 R
D	2816	582 U	78 R

Jt	Brg Size	Required
A	3.5"	1.6"
D	3.5"	1.7"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	22.6'
BC V	20	0	0.0'	22.6'
BC V	50	50	0.0'	22.6'
TC V	17	34	1.0'	17.2'
TC V	-20	-40	0.0'	1.0'
BC V	17	0	1.0'	17.1'
BC V	-20	0	0.0'	1.0'
BC V	159	159	17.1'	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----------			
B -H	0.16	3529 C	0.01 0.15
H -I	0.20	4662 C	0.11 0.09
I -C	0.20	4662 C	0.02 0.18
C -J	0.28	3986 C	0.03 0.25
J -D	0.16	4046 C	0.12 0.04
--------Bottom Chords---------			
A -G	0.20	117 T	0.00 0.20
G -F	0.40	3529 T	0.23 0.17
F -E	0.37	3350 T	0.22 0.15
E -D	0.34	3343 T	0.22 0.12
----------Webs----------			
A -B	0.20	2387 C	WindLd
B -G	0.38	4162 T	
G -H	0.11	1366 C	
H -F	0.12	1336 T	
F -I	0.06	702 C	
F -C	0.14	1524 T	
E -C	0.09	1056 T	
E -J	0.00	99 T	

TL Defl -0.16" in F -E L/999
LL Defl -0.06" in F -E L/999
Shear // Grain in A -G 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
B	MT20	4.0x 6.0	Ctr	Ctr	0.61
H	MT20	6.0x 6.0	Ctr	1.2	0.43
I	MT20	2.0x 4.0	Ctr	Ctr	0.17
C	MT20	5.0x 7.0	0.5	Ctr	0.73
J	MT20	2.0x 4.0	Ctr	Ctr	0.12
D	MT20	4.0x 6.0	Ctr	Ctr	0.46
A	MT20	2.0x 4.0	Ctr	Ctr	0.36
G	MT20	3.0x 7.0	Ctr	Ctr	0.70
F	MT20	6.0x 6.0	Ctr	-1.2	0.62
E	MT20	3.0x 7.0	Ctr	Ctr	0.20

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:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder Half Hip
Framing King Jacks
Jack Open Faced
Setback 5- 5- 0
2 COMPLETE TRUSSES REQUIRED.
Fasten together in staggered pattern. (1/2" bolts -OR- SDS3 screws -OR- 10d nails as each layer is applied.)

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

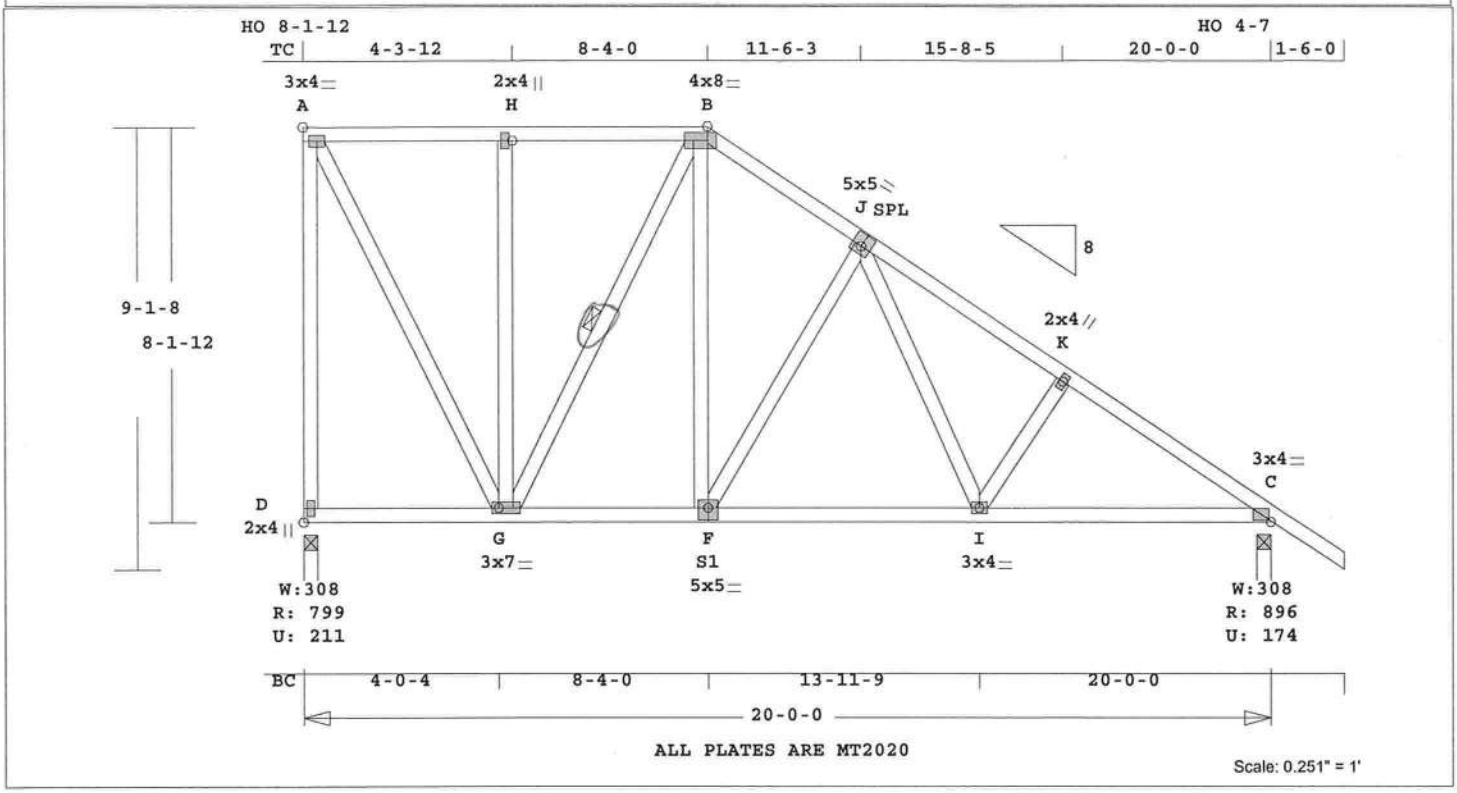
OH Loading
Soffit psf 2.0
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 4662 Lbs
Max tens. force 4162 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	B1	1	SP	200000	8	0	1- 6- 0	T3506555

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 187.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	Size	Lumber
TC	0.19	2x 4	SP-#2
BC	0.27	2x 4	SP-#2
WB	0.72	2x 4	SP-#2

Brace truss as follows:

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

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
D	799	211 U	332 R
C	897	174 U	174 R

Jt	Brg Size	Required
D	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	0.19	363 C	0.00	0.19
H -B	0.19	363 C	0.00	0.19
B -J	0.15	588 C	0.05	0.10
J -K	0.19	955 C	0.06	0.13
K -C	0.19	1086 C	0.06	0.13
Bottom Chords				
D -G	0.09	261 T	0.00	0.09
G -S1	0.17	483 T	0.05	0.12
S1-I	0.24	667 T	0.06	0.18
I -C	0.27	906 T	0.09	0.18
Webs				
D -A	0.72	762 C	WindLd	
A -G	0.37	741 T		
G -H	0.27	293 C		
G -B	0.09	318 C		1 Br
S1-B	0.18	409 T		
S1-J	0.25	393 C		
J -I	0.08	336 T		
I -K	0.04	259 C		

TL Defl -0.08" in S1-I L/999
LL Defl -0.03" in S1-I L/999
Shear // Grain in A -H 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 4.0	Ctr	Ctr	0.48
H	MT20	2.0x 4.0	Ctr	Ctr	0.29
B	MT20	4.0x 8.0	Ctr	Ctr	0.58
J	MT20	5.0x 5.0	0.3	0.5	0.51
K	MT20	2.0x 4.0	Ctr	Ctr	0.29
C	MT20	3.0x 4.0	Ctr	Ctr	0.50
D	MT20	2.0x 4.0	Ctr	Ctr	0.29
G	MT20	3.0x 7.0	Ctr	Ctr	0.55
S1	MT20	5.0x 5.0	Ctr	-0.5	0.46
I	MT20	3.0x 4.0	Ctr	Ctr	0.31

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

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

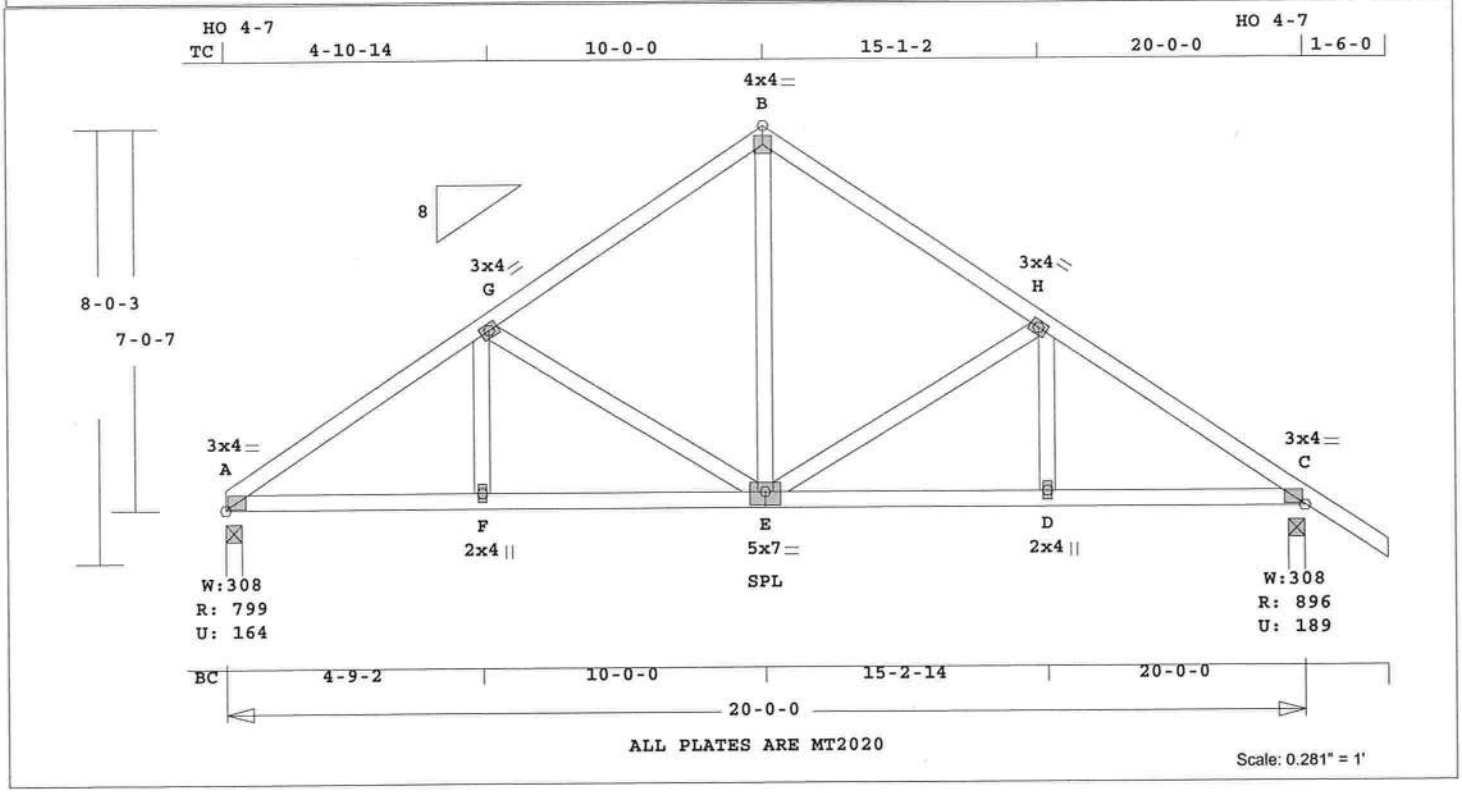
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1086 Lbs
Max tens. force 906 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*B2*	4	TR	200000	8	0	1- 6- 0	*T3506556*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 132.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.26	2x 4	SP-#2
BC	0.24	2x 4	SP-#2
WB	0.21	2x 4	SP-#2

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	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	799	165 U	168 R
C	897	189 U	168 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 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -G	0.26	1086 C	0.06 0.20
G -B	0.24	725 C	0.04 0.20
B -H	0.24	725 C	0.04 0.20
H -C	0.26	1083 C	0.06 0.20
Bottom Chords			
A -F	0.20	909 T	0.15 0.05
F -E	0.24	909 T	0.15 0.09
E -D	0.24	905 T	0.15 0.09
D -C	0.20	905 T	0.09 0.11
Webs			
F -G	0.02	191 T	
G -E	0.21	388 C	
E -B	0.15	498 T	
E -H	0.21	385 C	
D -H	0.02	190 T	

TL Defl -0.07" in E -D L/999
LL Defl -0.02" in E -D L/999
Shear // Grain in G -B 0.17

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 4.0	Ctr	Ctr	0.50
G	MT20	3.0x 4.0	Ctr	Ctr	0.40
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
H	MT20	3.0x 4.0	Ctr	Ctr	0.40
C	MT20	3.0x 4.0	Ctr	Ctr	0.50
F	MT20	2.0x 4.0	Ctr	Ctr	0.29
E	MT20	5.0x 7.0	Ctr	-0.5	0.44
D	MT20	2.0x 4.0	Ctr	Ctr	0.29

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

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

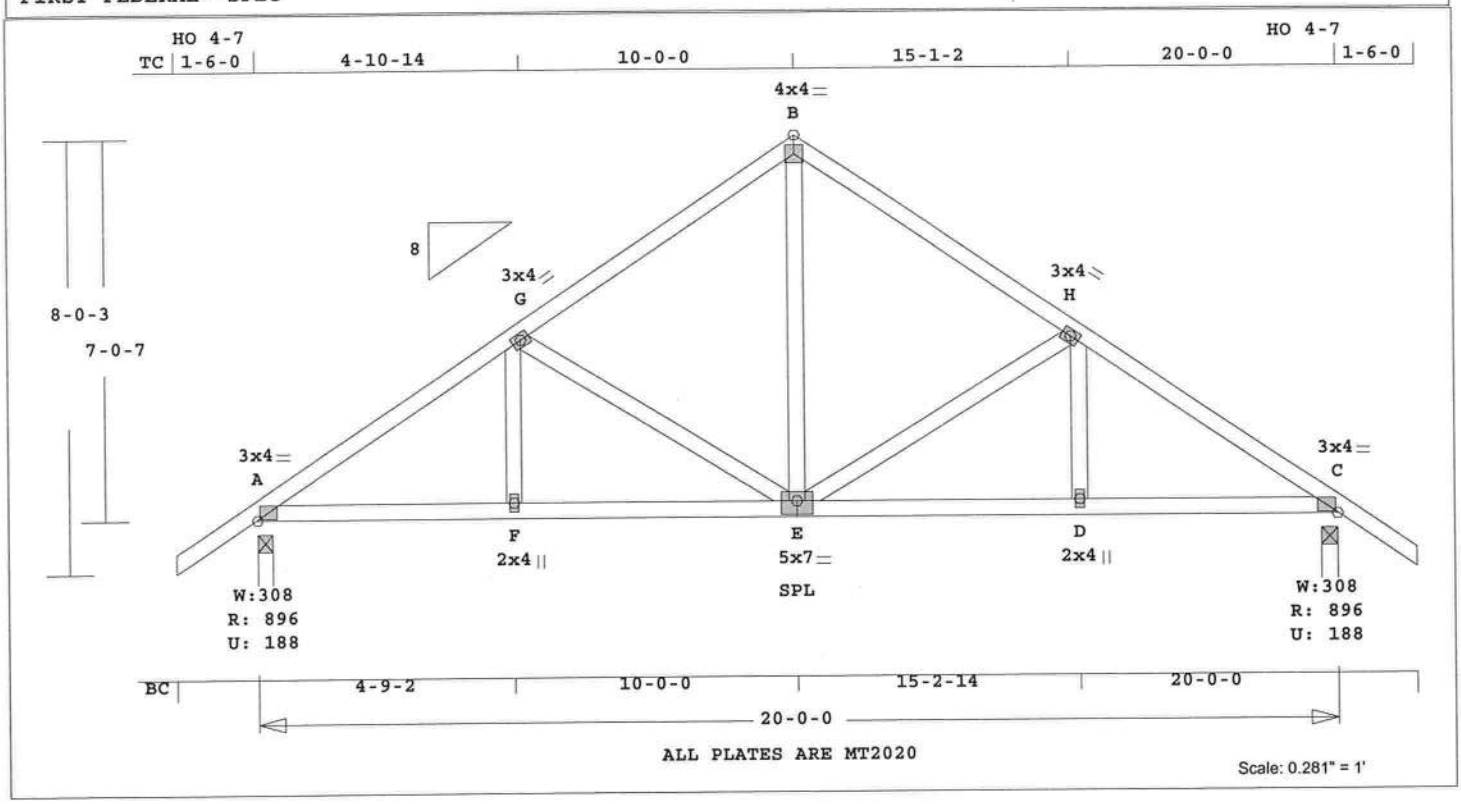
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1086 Lbs
Max tens. force 909 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*B3*	5	TR	20.0000	8	1- 6- 0	1- 6- 0	*T3506557*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 136.0 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.26	2x 4	SP-#2
BC	0.25	2x 4	SP-#2
WB	0.21	2x 4	SP-#2

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	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	896	189 U	168 R
C	896	189 U	168 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 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -G	0.26	1082 C	0.06 0.20
G -B	0.24	724 C	0.04 0.20
B -H	0.24	724 C	0.04 0.20
H -C	0.26	1082 C	0.06 0.20
Bottom Chords			
A -F	0.20	904 T	0.09 0.11
F -E	0.25	904 T	0.15 0.10
E -D	0.25	904 T	0.15 0.10
D -C	0.20	904 T	0.09 0.11
Webs			
F -G	0.02	190 T	
G -E	0.21	385 C	
E -B	0.15	498 T	
E -H	0.21	385 C	
D -H	0.02	190 T	

TL Defl -0.07" in E -D L/999
LL Defl -0.02" in E -D L/999
Shear // Grain in G -B 0.17

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 4.0	Ctr	Ctr	0.50
G	MT20	3.0x 4.0	Ctr	Ctr	0.40
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
H	MT20	3.0x 4.0	Ctr	Ctr	0.40
C	MT20	3.0x 4.0	Ctr	Ctr	0.50
F	MT20	2.0x 4.0	Ctr	Ctr	0.29
E	MT20	5.0x 7.0	Ctr	-0.5	0.44
D	MT20	2.0x 4.0	Ctr	Ctr	0.29

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

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

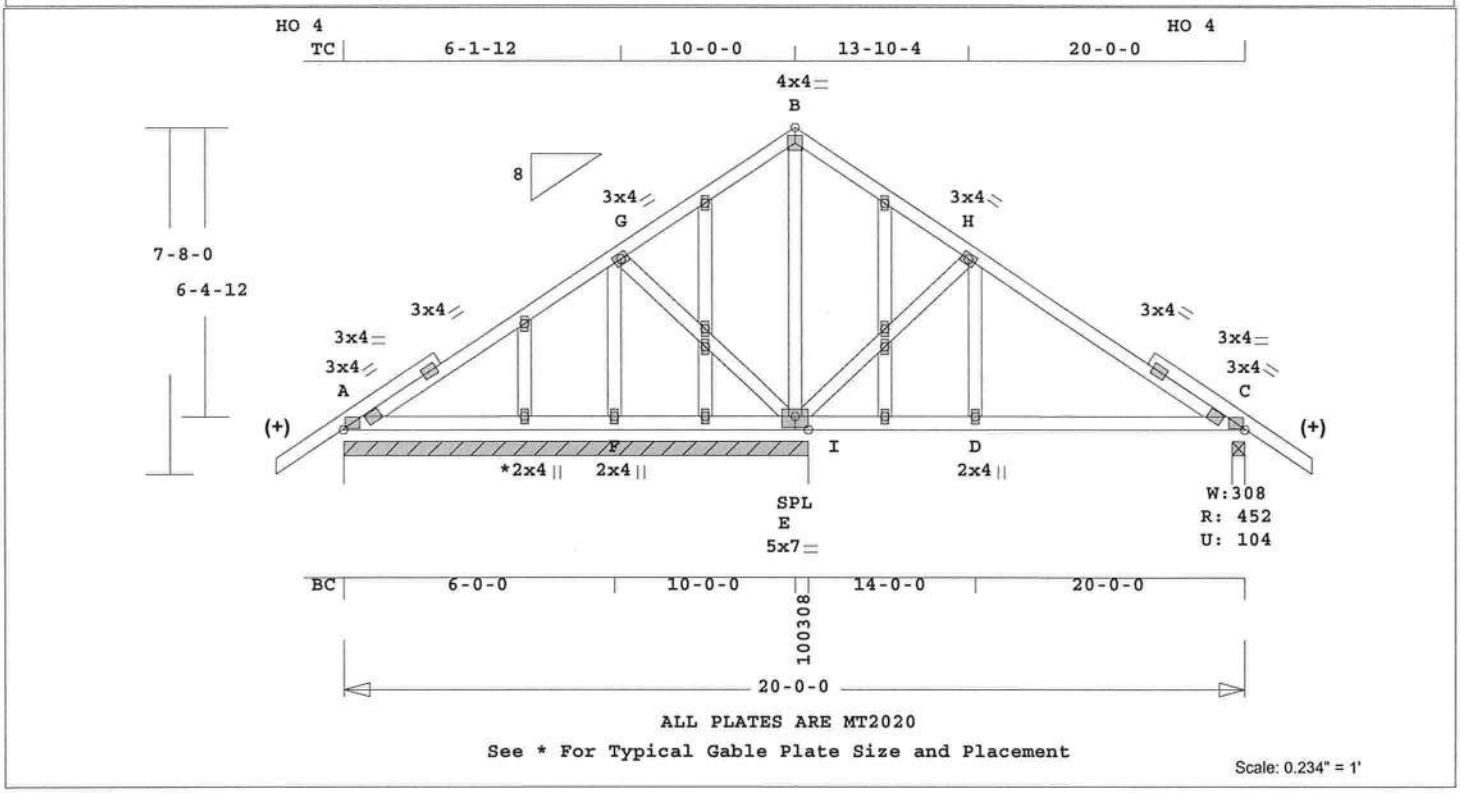
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 1082 Lbs
Max tens. force 904 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	B4GE	1	TR	200000	8	0	0	T3506558

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

See * For Typical Gable Plate Size and Placement

Scale: 0.234" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 163.5 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.27	2x 4	SP-#2 (+)
BC	0.22	2x 4	SP-#2
WB	0.18	2x 4	SP-#2

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	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
E	1148	225 U	159 R
C	452	105 U	159 R

Jt	Brg Size	Required
E	123.5"	0"-to- 124"
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 -G	0.26	373 C	0.00	0.26
G -B	0.26	209 C	0.00	0.26
B -H	0.27	210 C	0.00	0.27
H -C	0.27	439 C	0.00	0.27
--------Bottom Chords---------				
A -F	0.15	37 T	0.00	0.15
F -E	0.15	37 T	0.00	0.15
E -D	0.20	388 T	0.06	0.14
D -C	0.22	388 T	0.06	0.16

----------Webs----------		
F -G	0.02	134 T
G -E	0.17	399 C
E -B	0.05	86 C
E -H	0.18	429 C
D -H	0.03	221 T

TL Defl -0.06" in D -C L/999
LL Defl -0.02" in D -C L/999
Shear // Grain in H -C 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 4.0	Ctr	Ctr	0.49
G	MT20	3.0x 4.0	Ctr	Ctr	0.40
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
H	MT20	3.0x 4.0	Ctr	Ctr	0.40
C	MT20	3.0x 4.0	Ctr	Ctr	0.49
F	MT20	2.0x 4.0	Ctr	Ctr	0.29
E	MT20	5.0x 7.0	Ctr	-0.5	0.43
D	MT20	2.0x 4.0	Ctr	Ctr	0.29

5 Gable studs to be attached with 2.0x4.0 plates each end.
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:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
Design checked for 10 psf non-concurrent LL on BC.

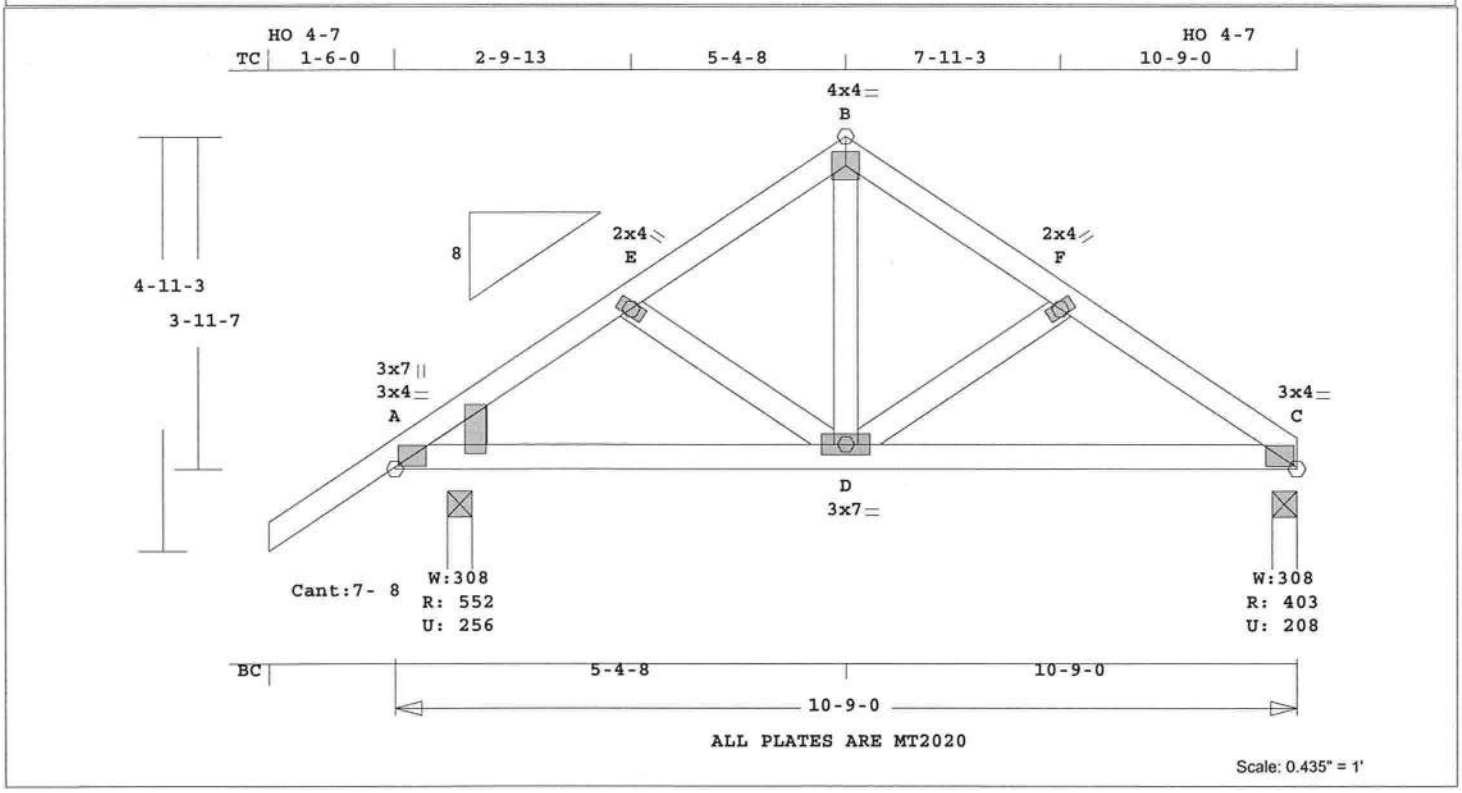
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 439 Lbs
Max tens. force 388 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***C1***	1	TR	100900	8	1- 6- 0	0	*T3506559*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 68.2 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.16	2x 4	SP-#2
BC	0.20	2x 4	SP-#2
WB	0.09	2x 4	SP-#2
WG	---	2x 6	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	553	256 U	85 R
C	403	208 U	85 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 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -E	0.16	555 T	0.07 0.09
E -B	0.12	532 T	0.07 0.05
B -F	0.13	541 T	0.07 0.06
F -C	0.15	603 T	0.07 0.08
Bottom Chords			
A -D	0.20	375 C	0.00 0.20
D -C	0.20	465 C	0.00 0.20
Webs			
E -D	0.01	106 C	
D -B	0.09	469 C	
D -F	0.02	200 T	

TL Defl -0.03" in D -C L/999
LL Defl -0.01" in D -C L/999
Shear // Grain in A -D 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 4.0	Ctr	Ctr	0.49
A	MT20	3.0x 7.0	Ctr	Ctr	0.00
E	MT20	2.0x 4.0	Ctr	Ctr	0.13
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
F	MT20	2.0x 4.0	Ctr	Ctr	0.13
C	MT20	3.0x 4.0	Ctr	Ctr	0.49
D	MT20	3.0x 7.0	Ctr	Ctr	0.19

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:
Mayo Truss Co. Inc.
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

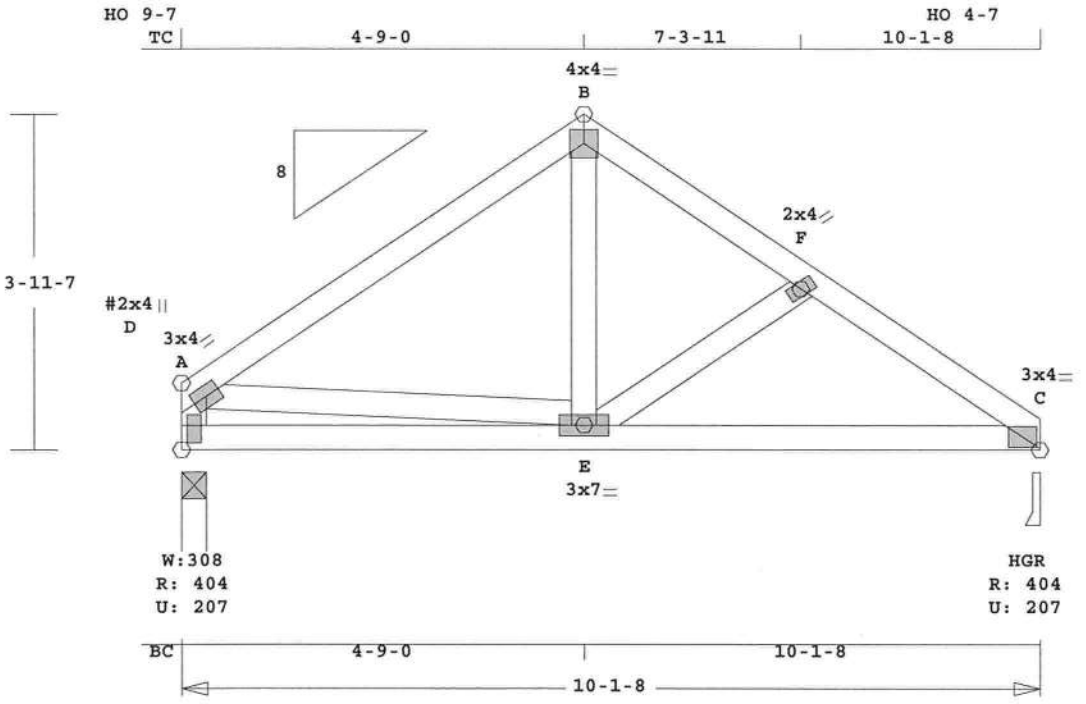
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 7- 8 10- 9- 0
Max comp. force 471 Lbs
Max tens. force 603 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***C2***	2	TR	100108	8	0	0	*T3506560*

FIRST FEDERAL--SPEC



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

Scale: 0.439" = 1'

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

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.27	2x 4	SP-#2
BC	0.24	2x 4	SP-#2
WB	0.11	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	10- 1- 8
BC	Cont.	0- 0- 0	10- 1- 8

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
D	405	208 U	94 R
C	405	207 U	84 R

Jt	Brg Size	Required
D	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 -B	0.27	536 T	0.07 0.20
B -F	0.17	579 T	0.07 0.10
F -C	0.16	630 T	0.08 0.08
Bottom Chords			
D -E	0.24	86 T	0.00 0.24
E -C	0.24	482 C	0.00 0.24
Webs			
D -A	0.06	440 T	WindLd
A -E	0.11	356 C	
E -B	0.08	425 C	
E -F	0.02	172 T	

TL Defl -0.03" in E -C L/999
LL Defl -0.01" in D -E L/999
Shear // Grain in D -E 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 4.0	Ctr	Ctr	0.29
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
F	MT20	2.0x 4.0	Ctr	Ctr	0.13
C	MT20	3.0x 4.0	Ctr	Ctr	0.49
D#	MT20	2.0x 4.0	Ctr	-0.5	0.26
E	MT20	3.0x 7.0	Ctr	Ctr	0.20

= Plate Monitor used
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:
Mayo Truss Co. Inc.
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.
NOTE: USER MODIFIED PLATES
This design may have plates selected through a plate monitor.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as

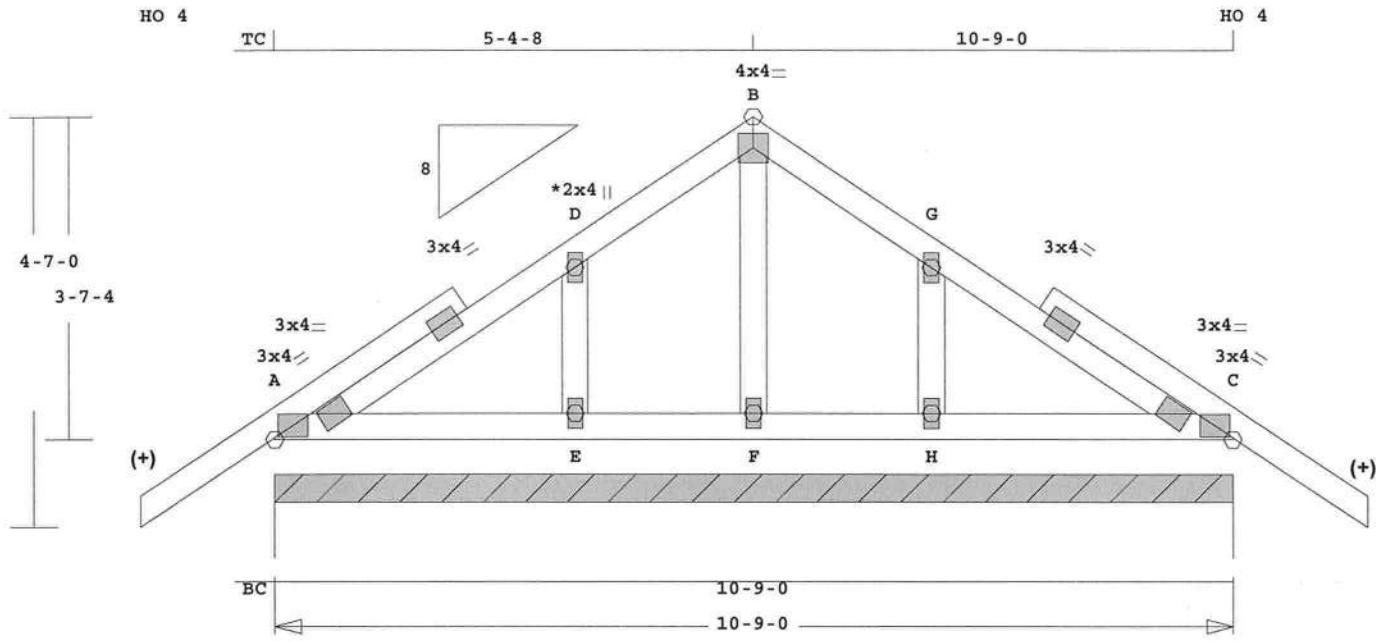
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 10- 1- 8
Max comp. force 482 Lbs
Max tens. force 630 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*C3GE*	1	TR	100900	8	0	0	*T3506561*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

See Joint D For Typical Gable Plate Size and Placement

Scale: 0.463" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 71.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.07	2x 4	SP-#2 (+)
BC	0.05	2x 4	SP-#2
GW	0.02	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	860	177 U	76 R

Jt	Brg Size	Required
A	129.0"	0"-to- 129"

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 -D	0.07	111 C	0.00 0.07
D -B	0.07	179 C	0.00 0.07
B -G	0.07	179 C	0.00 0.07
G -C	0.07	111 C	0.00 0.07
Bottom Chords			
A -E	0.05	5 T	0.00 0.05
E -F	0.04	0 T	0.00 0.04
F -H	0.04	0 T	0.00 0.04
H -C	0.05	5 T	0.00 0.05
Gable Webs			
E -D	0.02	210 C	
F -B	0.01	109 T	
H -G	0.02	210 C	

TL Defl 0.00" in H -C L/999
LL Defl 0.00" in H -C L/999
Shear // Grain in A -D 0.10

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 4.0	Ctr	Ctr	0.49
D	MT20	2.0x 4.0	Ctr	Ctr	0.00
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
G	MT20	2.0x 4.0	Ctr	Ctr	0.00
C	MT20	3.0x 4.0	Ctr	Ctr	0.49
E	MT20	2.0x 4.0	Ctr	Ctr	0.00
F	MT20	2.0x 4.0	Ctr	Ctr	0.00
H	MT20	2.0x 4.0	Ctr	Ctr	0.00

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:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.

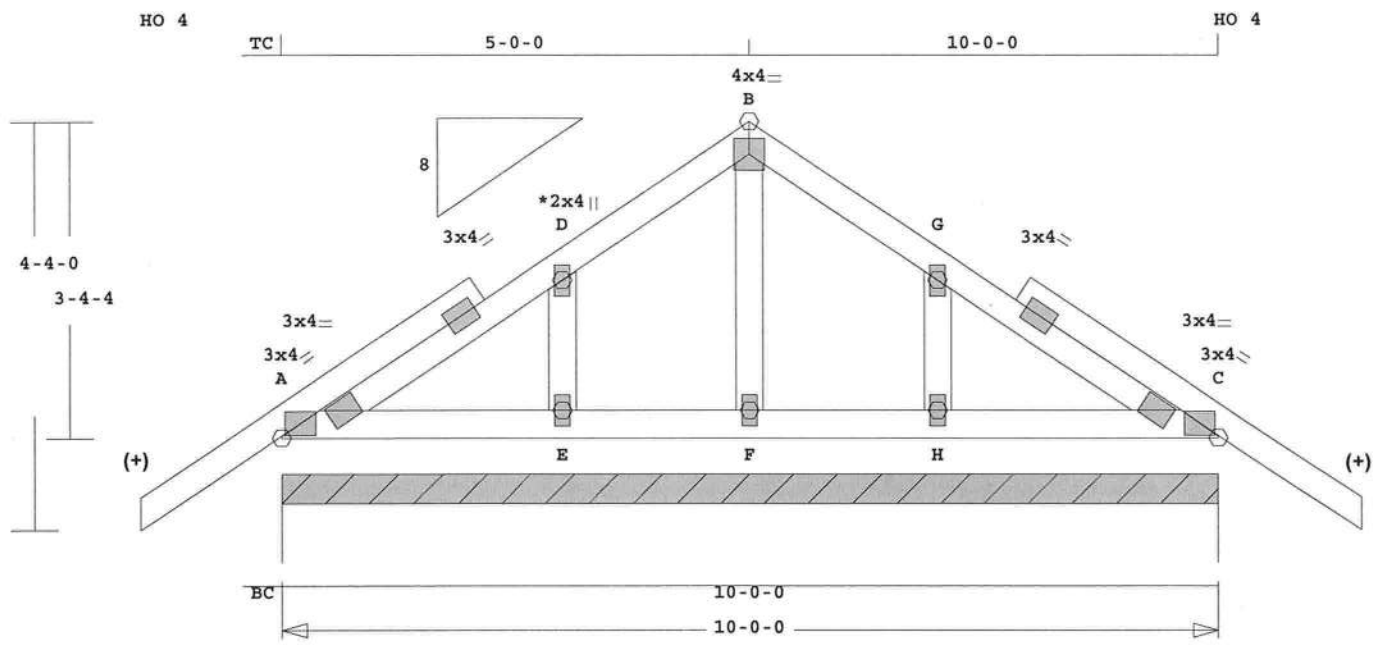
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 210 Lbs
Max tens. force 185 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	D1GE	1	TR	100000	8	0	0	T3506562

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

See Joint D For Typical Gable Plate Size and Placement

Scale: 0.488" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 67.1 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.05	2x 4	SP-#2 (+)
BC	0.04	2x 4	SP-#2
GW	0.02	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	800	165 U	70 R

Jt	Brg Size	Required
A	120.0"	0"-to- 120"

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 -D	0.05	90 C	0.00 0.05
D -B	0.05	149 C	0.00 0.05
B -G	0.05	149 C	0.00 0.05
G -C	0.05	90 C	0.00 0.05
Bottom Chords			
A -E	0.04	5 T	0.00 0.04
E -F	0.03	0 T	0.00 0.03
F -H	0.03	0 T	0.00 0.03
H -C	0.04	5 T	0.00 0.04
Gable Webs			
E -D	0.02	192 C	
F -B	0.00	68 T	
H -G	0.02	192 C	

TL Defl 0.00" in H -C L/999
LL Defl 0.00" in H -C L/999
Shear // Grain in A -D 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 4.0	Ctr	Ctr	0.49
D	MT20	2.0x 4.0	Ctr	Ctr	0.00
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
G	MT20	2.0x 4.0	Ctr	Ctr	0.00
C	MT20	3.0x 4.0	Ctr	Ctr	0.49
E	MT20	2.0x 4.0	Ctr	Ctr	0.00
F	MT20	2.0x 4.0	Ctr	Ctr	0.00
H	MT20	2.0x 4.0	Ctr	Ctr	0.00

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:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
WARNING Do Not Cut overframe member between outside of truss and first tie-plate to inside of heel plate.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.

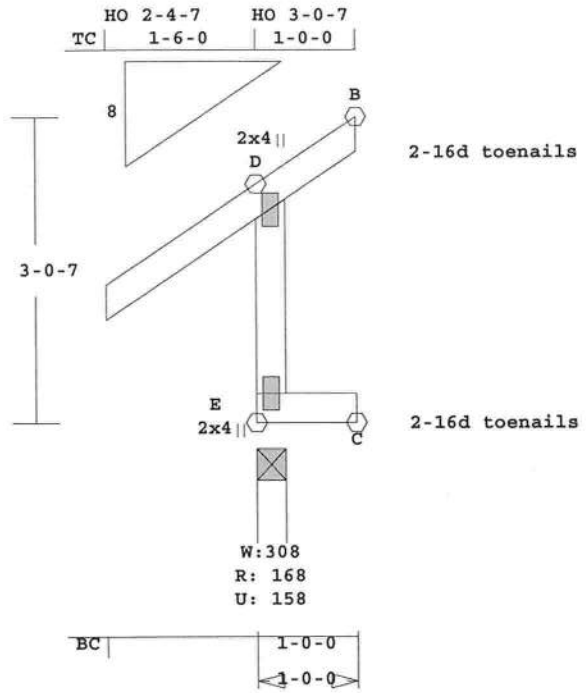
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 192 Lbs
Max tens. force 170 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*J6*	2	JCA2	10Q00	8	1- 6- 0	0	*T3506563*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.521" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 11.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.10	2x 4	SP-#2
BC	0.19	2x 4	SP-#2
WB	0.20	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
E	168	158 U	177 R
C	142	81 U	
B	118	78 U	60 R

Jt	Brg Size	Required
E	3.5"	1.5"
C	3.5"	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----------			
D -B	0.10	88 T	0.00 0.10
--------Bottom Chords---------			
E -C	0.19	0 T	0.00 0.19
------------Webs------------			
E -D	0.20	142 C	0.00 0.20

TL Defl 0.00" in A -C L/999
LL Defl 0.00" in A -C L/999

Shear // Grain in E -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
D	MT20	2.0x 4.0	Ctr	Ctr	0.13
E	MT20	2.0x 4.0	Ctr	Ctr	0.12

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00

Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 142 Lbs
Max tens. force 133 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
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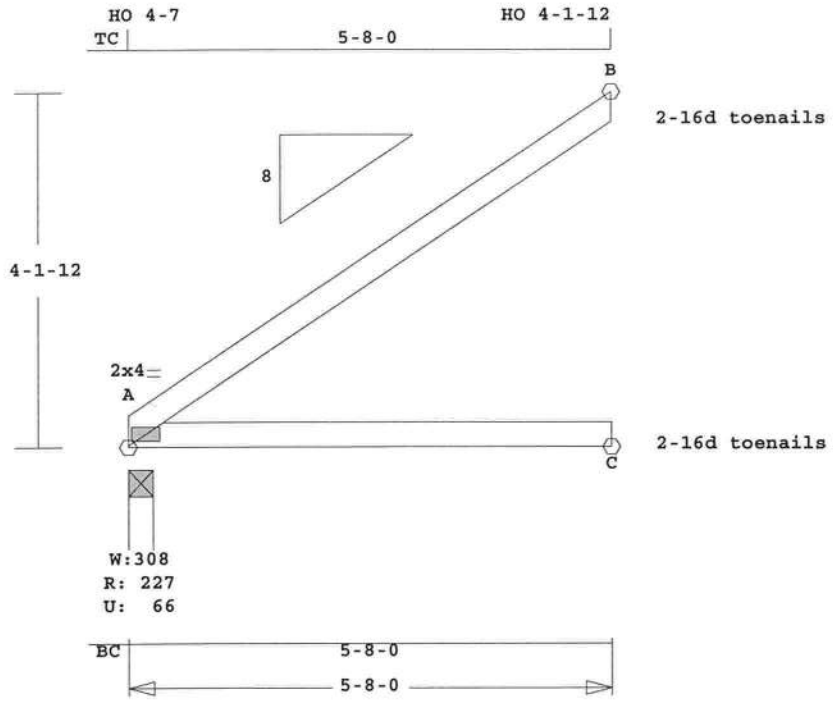
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*J7*	1	JCA2	50800	8	0	0	*T3506564*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.443" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 23.9 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.43	2x 4	SP-#2
BC	0.58	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	227	67 U	230 R
C	108	55 U	
B	158	110 U	93 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	3.5"	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	0.43	140 C	0.00 0.43
--------Bottom Chords---------			
A -C	0.58	0 T	0.00 0.58

TL Defl -0.08" in A -C L/771
LL Defl -0.03" in A -C L/999
Shear // Grain in A -C 0.34

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	2.0x 4.0	Ctr	Ctr	0.59

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 5- 8- 0
Max comp. force 140 Lbs
Max tens. force 72 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
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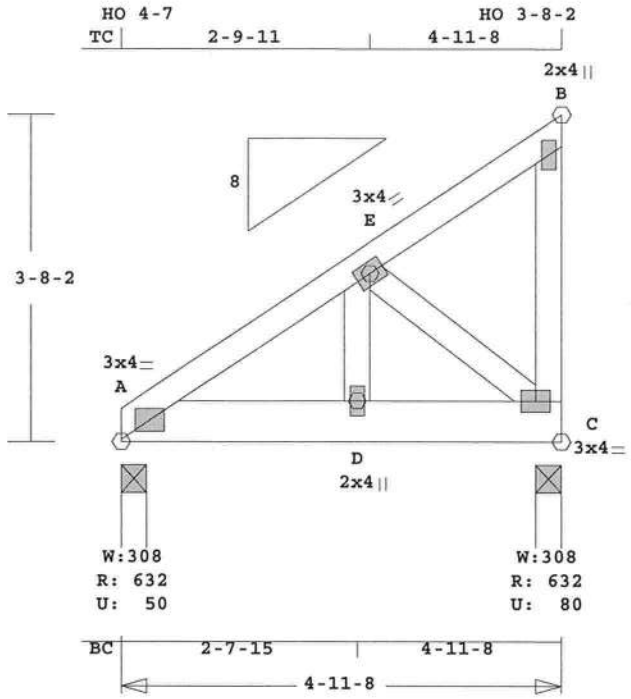
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	*M3GIR*	1	SP	41108	8	0	0	*T3506565*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.460" = 1'

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

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.14	2x 4	SP-#2
BC	0.15	2x 6	SP-#2
WB	0.09	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4-11- 8
BC	Cont.	0- 0- 0	4-11- 8

psf-Ld	Dead	Live	
TC	10.0	20.0	
BC	10.0	0.0	
TC+BC	20.0	20.0	
Total	40.0	Spacing	24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	632	50 U	63 R
C	632	80 U	134 R

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

LC# 1 Girder Loading
Dur Fctrs - Lbr 1.25 Plt 1.25

plf -	Dead	Live*	From	To
TC V	20	40	0.0'	5.0'
BC V	108	88	0.0'	5.0'

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	0.14	556 T	0.08	0.06
E -B	0.06	68 T	0.00	0.06
--------Bottom Chords---------				
A -D	0.15	442 T	0.05	0.10
D -C	0.13	442 T	0.05	0.08
----------Webs----------				
D -E	0.09	545 C		
E -C	0.09	660 T		
C -B	0.05	59 C	WindLd	

TL Defl -0.01" in A -D L/999
LL Defl 0.00" in A -D L/999
Shear // Grain in A -D 0.21

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 4.0	Ctr	Ctr	0.64
E	MT20	3.0x 4.0	Ctr	Ctr	0.41
B	MT20	2.0x 4.0	Ctr	Ctr	0.13
D	MT20	2.0x 4.0	Ctr	Ctr	0.32
C	MT20	3.0x 4.0	Ctr	Ctr	0.31

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:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
Girder Common
Loading BC
Span 10- 9- 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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 4-11- 8
Max comp. force 569 Lbs
Max tens. force 660 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

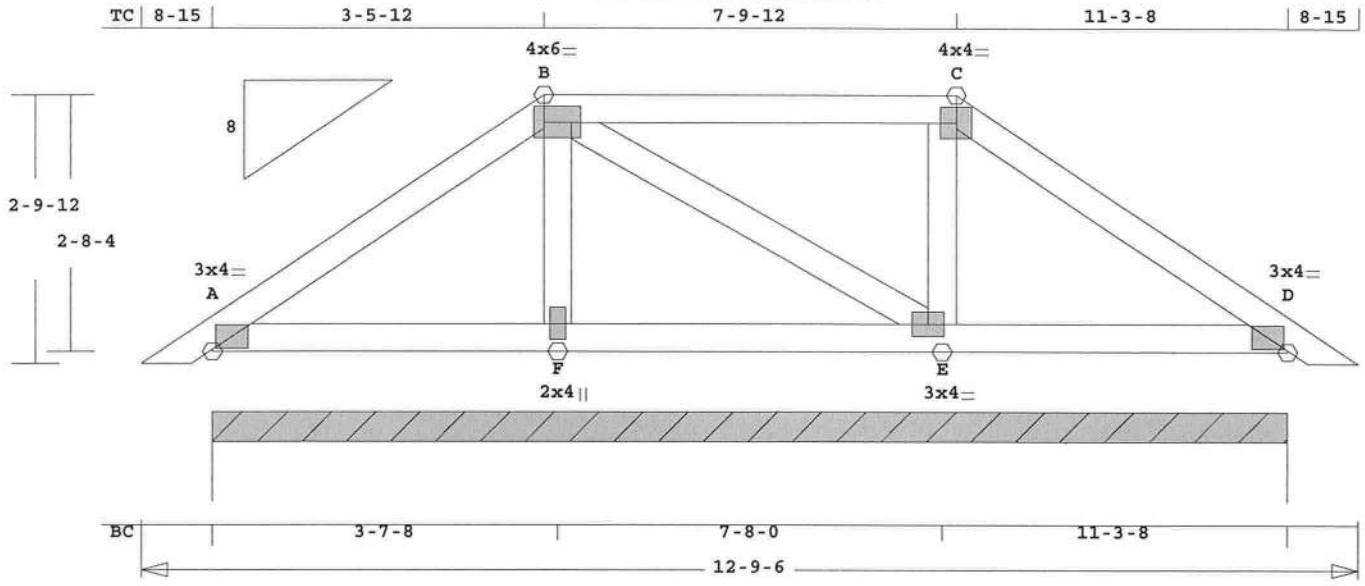
Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*P1*	1	HIPP	120906	8	8-15	8-15	*T3506566*

FIRST FEDERAL--SPEC

Refer to Gen. Det. 12 series for piggyback connection and top chord lateral bracing requirements.



ALL PLATES ARE MT2020

Scale: 0.493" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 64.8 LBS

```
Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

     CSI -Size- ----Lumber----
TC  0.13  2x 4  SP-#2
BC  0.08  2x 4  SP-#2
WB  0.02  2x 4  SP-#2

Brace truss as follows:
      O.C.      From       To
 TC  Cont.     0- 0- 0 12- 9- 6
 BC  Cont.     0- 0- 0 12- 9- 6

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

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A    905   193 U    55 R

Jt   Brg Size    Required
A     135.5"      0"-to- 136"

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  0.08   240 C  0.00  0.08
B -C  0.13   199 C  0.00  0.13
C -D  0.08   191 C  0.00  0.08
--------Bottom Chords---------
A -F  0.08     1 T  0.00  0.08
F -E  0.08     0 T  0.00  0.08
E -D  0.08     1 T  0.00  0.08
-------------Webs-------------
F -B  0.02   143 T
B -E  0.01    62 T
E -C  0.01   122 T

TL Defl   0.00" in A -F  L/999
LL Defl   0.00" in F -E  L/999
Shear // Grain  in B -C   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 4.0 Ctr Ctr 0.49
B  MT20  4.0x 6.0 Ctr Ctr 0.58
C  MT20  4.0x 4.0 Ctr Ctr 0.58
D  MT20  3.0x 4.0 Ctr Ctr 0.49
F  MT20  2.0x 4.0 Ctr Ctr 0.12
E  MT20  3.0x 4.0 Ctr Ctr 0.17

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

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

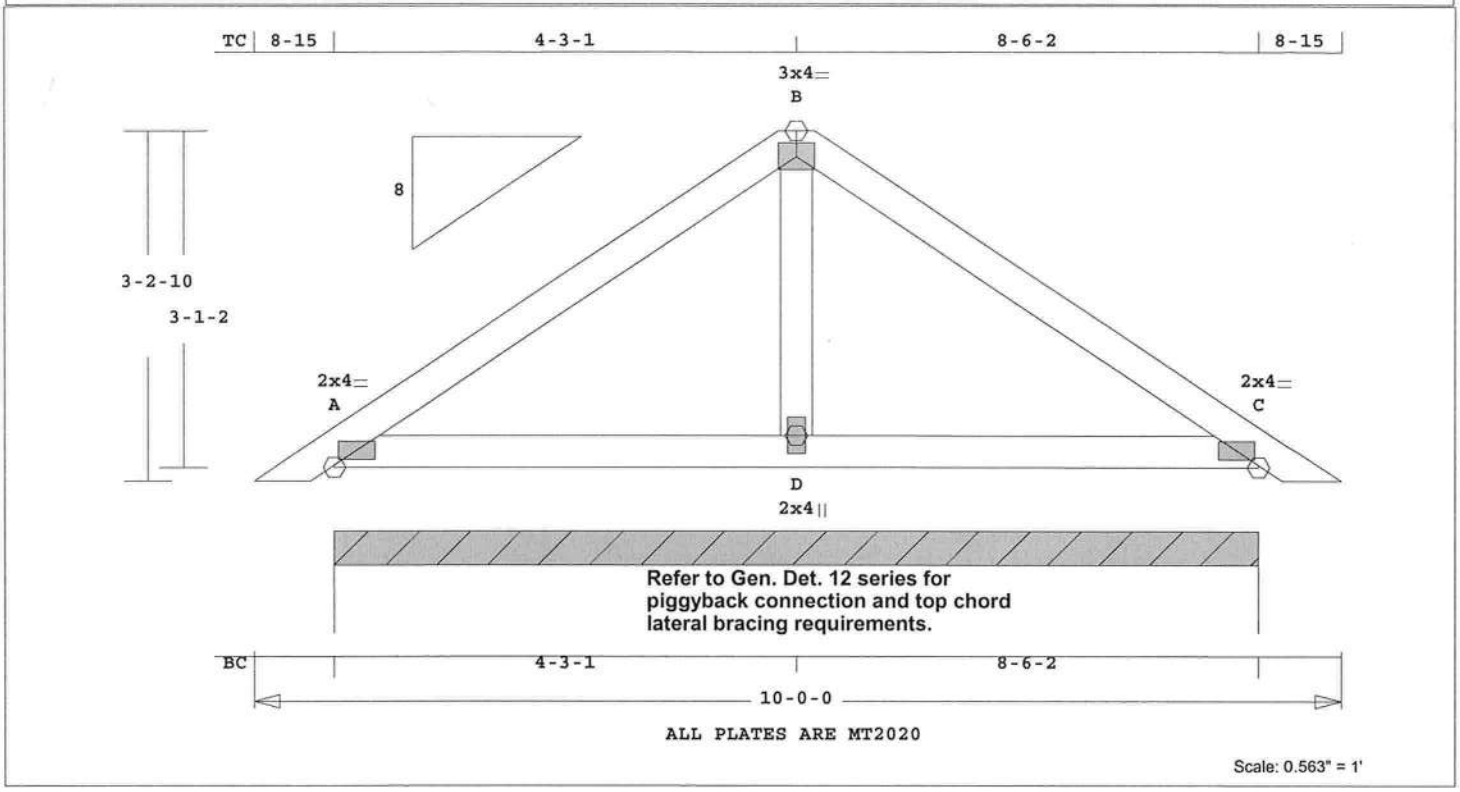
NOTES:
Trusses Manufactured by:
  Mayo Truss Co. Inc.
Analysis Conforms To:
  FBC2007
  TPI 2002
OH Loading
  Soffit psf 2.0
This truss has been designed
  for 20.0  psf LL on the B.C.
  in areas where a rectangle
   3- 6- 0 tall by
   2- 0- 0 wide
  will fit between the B.C.
  and any other member.
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:          120 mph
  Mean Roof Height:  15-0
  Exposure  Category:    B
  Occupancy Factor  : 1.00
  Building Type: Enclosed
  TC Dead Load:          5.0 psf
  BC Dead Load:          5.0 psf
Max comp. force      240 Lbs
Max tens. force      191 Lbs
Quality Control Factor 1.25
This truss is designed for a
creep factor of 1.5  which is
used to calculate total load
deflection.
```


Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*P2*	1	TR	100000	8	8-15	8-15	*T3506567*

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.12	2x 4	SP-#2
BC	0.11	2x 4	SP-#2
WB	0.01	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	683	147 U	67 R

Jt	Brg Size	Required
A	102.1"	0"-to- 102"

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	0.12	261 C	0.02 0.10
B -C	0.12	261 C	0.02 0.10
--------Bottom Chords---------			
A -D	0.11	1 T	0.00 0.11
D -C	0.11	1 T	0.00 0.11
------------Webs------------			
D -B	0.01	65 T	

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

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	2.0x 4.0	Ctr	Ctr	0.59
B	MT20	3.0x 4.0	Ctr	Ctr	0.49
C	MT20	2.0x 4.0	Ctr	Ctr	0.59
D	MT20	2.0x 4.0	Ctr	Ctr	0.12

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

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

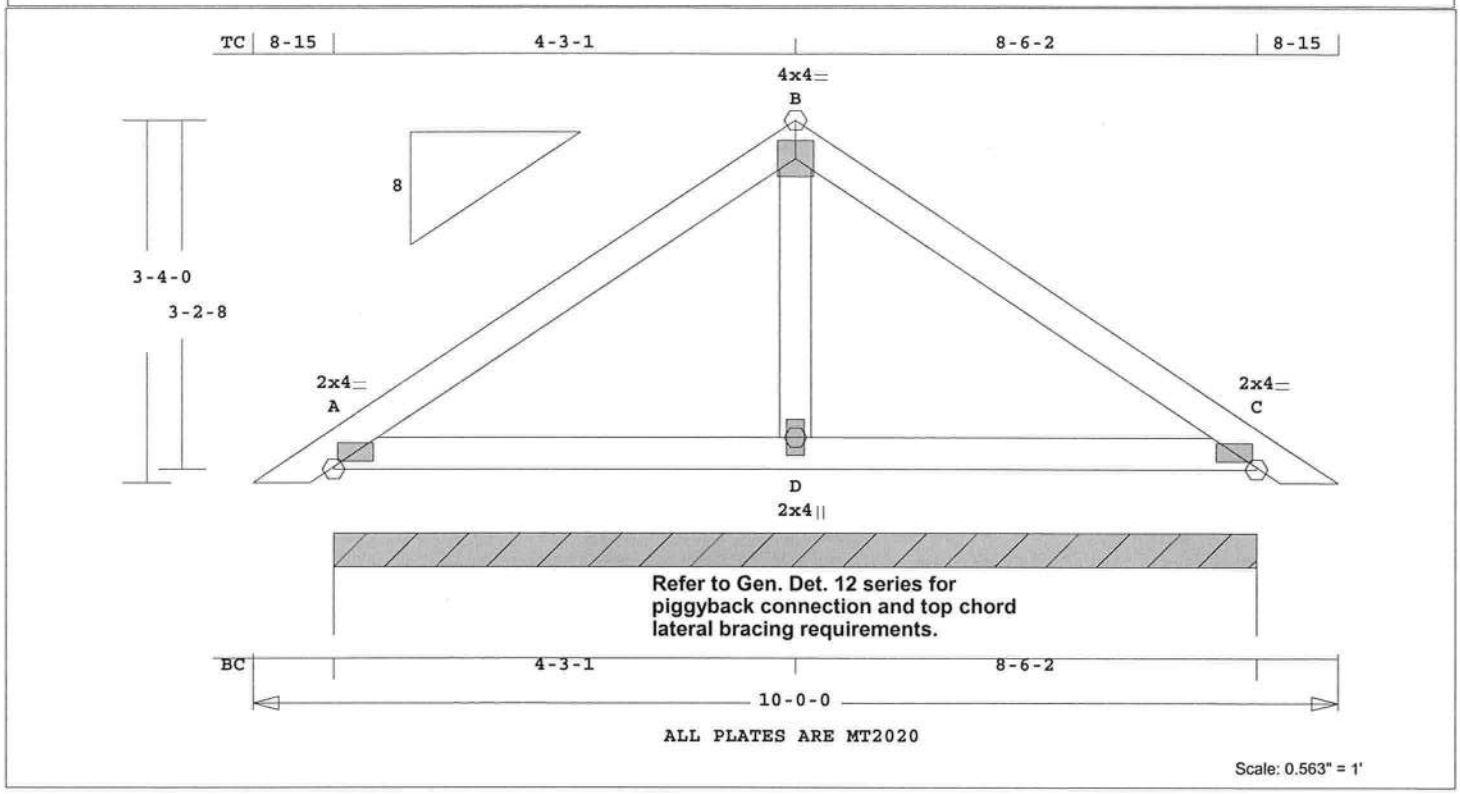
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 261 Lbs
Max tens. force 205 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	P3	2	TR	100000	8	8-15	8-15	T3506568

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 43.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.12	2x 4	SP-#2
BC	0.11	2x 4	SP-#2
WB	0.01	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	683	147 U	67 R

Jt	Brg Size	Required
A	102.1"	0"-to- 102"

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	0.12	261 C	0.02 0.10
B -C	0.12	261 C	0.02 0.10
Bottom Chords			
A -D	0.11	1 T	0.00 0.11
D -C	0.11	1 T	0.00 0.11
Webs			
D -B	0.01	65 T	

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

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	2.0x 4.0	Ctr	Ctr	0.59
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
C	MT20	2.0x 4.0	Ctr	Ctr	0.59
D	MT20	2.0x 4.0	Ctr	Ctr	0.12

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

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

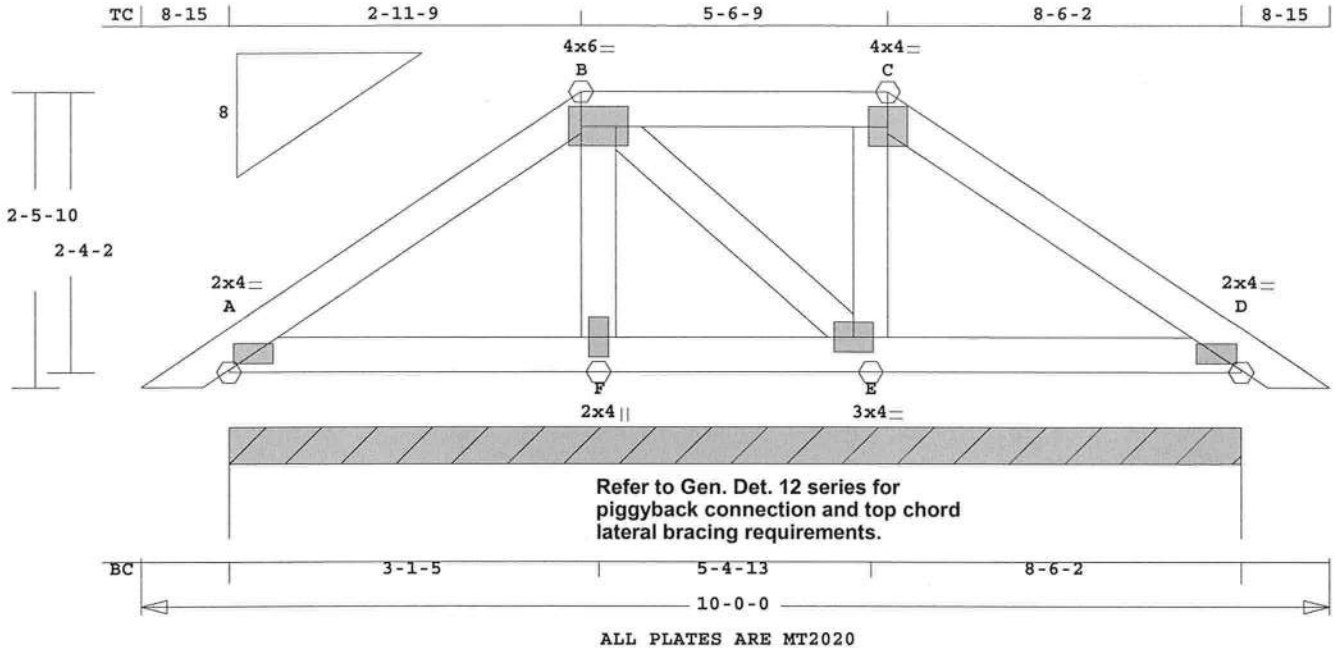
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Refer to Gen Det 3 series for web bracing and plating.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 261 Lbs
Max tens. force 205 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	P4	1	HIPP	100000	8	8-15	8-15	T3506569

FIRST FEDERAL--SPEC



Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 49.5 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.07	2x 4	SP-#2
BC	0.04	2x 4	SP-#2
WB	0.01	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	683	147 U	46 R

Jt	Brg Size	Required
A	102.1"	0"-to- 102"

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	0.07	207 C	0.02	0.05
B -C	0.05	163 C	0.02	0.03
C -D	0.06	151 C	0.01	0.05
Bottom Chords				
A -F	0.04	1 T	0.00	0.04
F -E	0.04	0 T	0.00	0.04
E -D	0.04	1 T	0.00	0.04
Webs				
F -B	0.00	54 T		
B -E	0.00	60 C		
E -C	0.01	91 T		

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

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	2.0x 4.0	Ctr	Ctr	0.59
B	MT20	4.0x 6.0	Ctr	Ctr	0.58
C	MT20	4.0x 4.0	Ctr	Ctr	0.58
D	MT20	2.0x 4.0	Ctr	Ctr	0.59
F	MT20	2.0x 4.0	Ctr	Ctr	0.12
E	MT20	3.0x 4.0	Ctr	Ctr	0.17

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:
Mayo Truss Co. Inc.
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 207 Lbs
Max tens. force 159 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

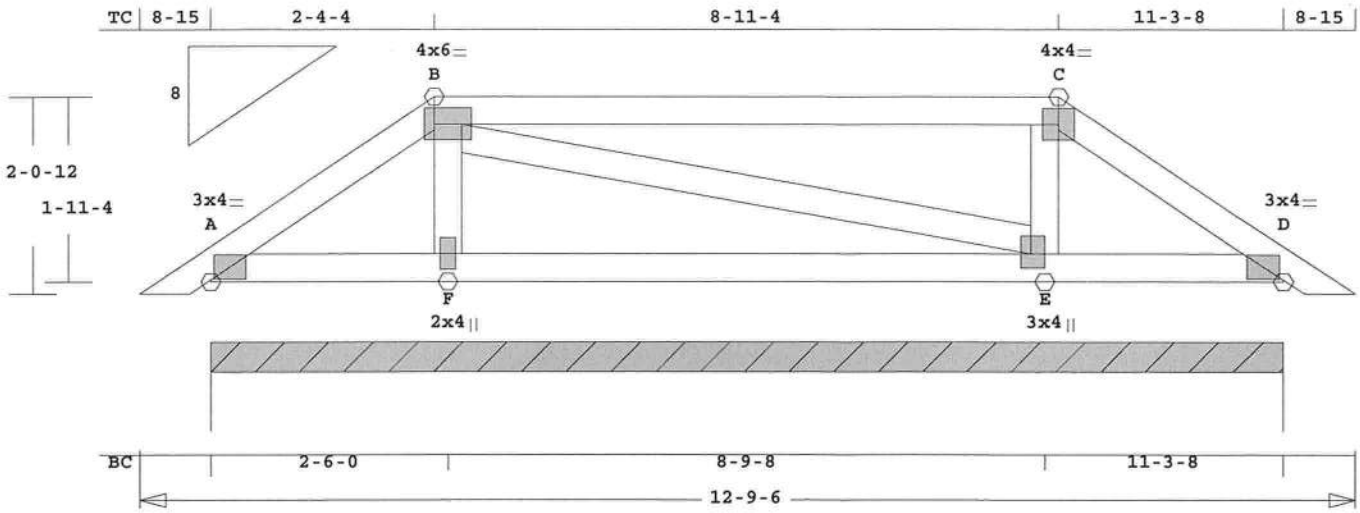
Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***P5***	1	HIPP	120906	8	8-15	8-15	*T3506570*

FIRST FEDERAL--SPEC

Refer to Gen. Det. 12 series for piggyback connection and top chord lateral bracing requirements.



ALL PLATES ARE MT2020

Scale: 0.493" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 64.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.17	2x 4	SP-#2
WB	0.14	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	12- 9- 6
BC	Cont.	0- 0- 0	12- 9- 6

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	905	193 U	36 R

Jt	Brg Size	Required
A	135.5"	0"-to- 136"

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	0.08	209 T	0.04	0.04
B -C	0.33	131 T	0.00	0.33
C -D	0.12	87 T	0.00	0.12
Bottom Chords				
A -F	0.17	3 T	0.00	0.17
F -E	0.17	0 T	0.00	0.17
E -D	0.17	1 T	0.00	0.17
Webs				
F -B	0.06	451 C		
B -E	0.14	239 T		
E -C	0.03	229 C		

TL Defl -0.05" in F -E L/999
LL Defl -0.03" in F -E L/999
Shear // Grain in B -C 0.24

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 4.0	Ctr	Ctr	0.49
B	MT20	4.0x 6.0	Ctr	Ctr	0.59
C	MT20	4.0x 4.0	Ctr	Ctr	0.58
D	MT20	3.0x 4.0	Ctr	Ctr	0.49
F	MT20	2.0x 4.0	Ctr	Ctr	0.29
E	MT20	3.0x 4.0-1.5	0.3		0.19

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:
Mayo Truss Co. Inc.
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 451 Lbs
Max tens. force 439 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

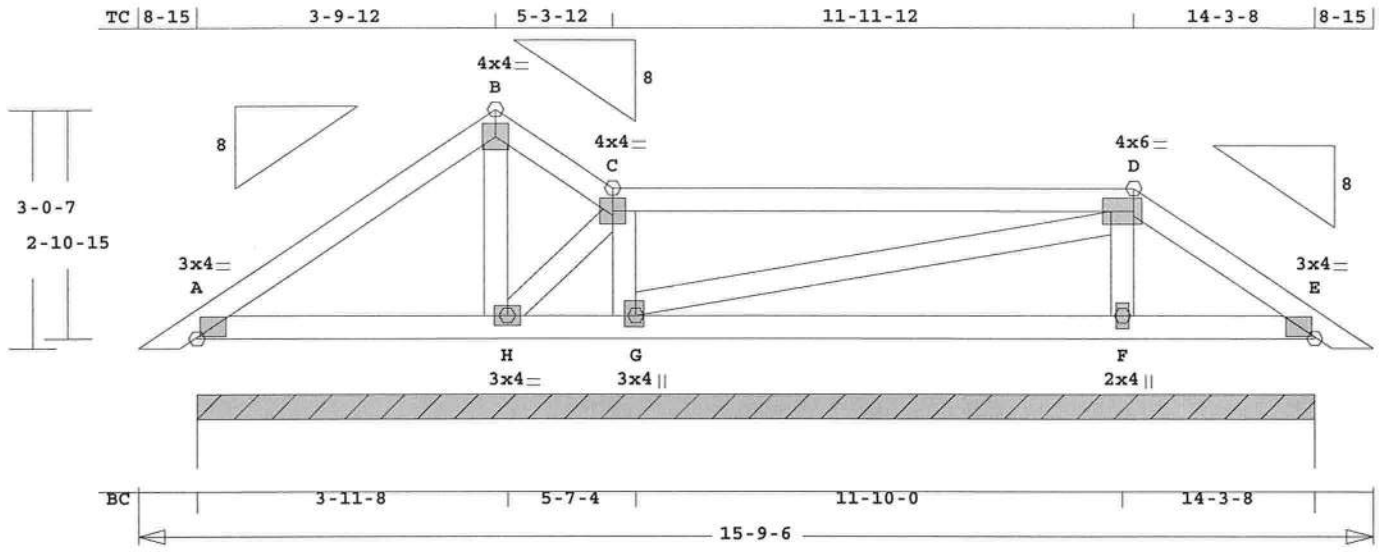
Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	*Engineering*
FFSB-SPEC	***P6***	1	SP	150906	8	8-15	8-15	*T3506571*

FIRST FEDERAL--SPEC

Refer to Gen. Det. 12 series for piggyback connection and top chord lateral bracing requirements.



ALL PLATES ARE MT2020

Scale: 0.407" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 85.2 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.33	2x 4	SP-#2
BC	0.18	2x 4	SP-#2
WB	0.17	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	15- 9- 6
BC	Cont.	0- 0- 0	15- 9- 6

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0
Total	40.0	Spacing 24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1145	243 U	59 R

Jt	Brg Size	Required
A	171.5"	0"-to- 172"

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	0.11	102 C	0.00		0.11
B -C	0.10	133 C	0.00		0.10
C -D	0.33	347 C	0.00		0.33
D -E	0.05	59 C	0.01		0.04
Bottom Chords					
A -H	0.08	2 T	0.00		0.08
H -G	0.17	0 T	0.00		0.17
G -F	0.18	0 T	0.00		0.18
F -E	0.18	1 T	0.00		0.18
Webs					
H -B	0.00	48 C			
H -C	0.04	394 C			
G -C	0.00	97 C			
G -D	0.17	356 T			
F -D	0.04	371 C			

TL Defl -0.06" in G -F L/999
LL Defl -0.03" in G -F L/999
Shear // Grain in C -D 0.24

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 4.0	Ctr	Ctr	0.49
B	MT20	4.0x 4.0	Ctr	Ctr	0.42
C	MT20	4.0x 4.0	Ctr	Ctr	0.58
D	MT20	4.0x 6.0	Ctr	Ctr	0.59
E	MT20	3.0x 4.0	Ctr	Ctr	0.49
H	MT20	3.0x 4.0	Ctr	Ctr	0.19
G	MT20	3.0x 4.0	1.5	0.3	0.28
F	MT20	2.0x 4.0	Ctr	Ctr	0.20

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

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

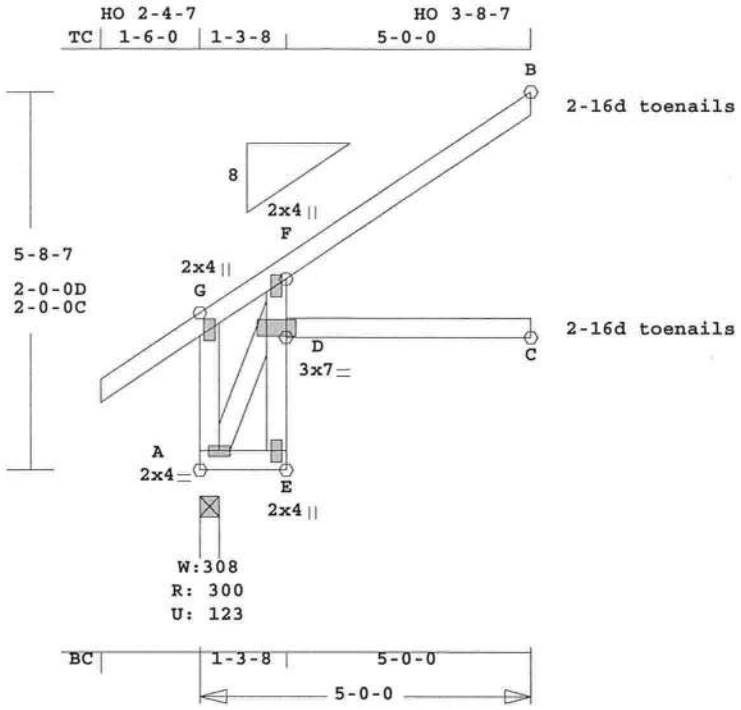
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 394 Lbs
Max tens. force 356 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	VJ2	1	SP	50000	8	1- 6- 0	0	T3506572

FIRST FEDERAL--SPEC



Scale: 0.343" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 37.6 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.34	2x 4	SP-#2
BC	0.56	2x 4	SP-#2
CW	0.35	2x 4	SP-#2
WB	0.08	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	4-10- 8
BC	Cont.	0- 0- 0	4-10- 8

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	301	123 U	339 R
C	106	36 U	
B	203	111 U	126 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----------				
G -F	0.27	217 T	0.02	0.25
F -B	0.34	123 C	0.01	0.33
--------Bottom Chords---------				
A -E	0.01	81 C	0.01	0.00
D -C	0.56	0 T	0.00	0.56
----------Chord-Webs----------				
E -D	0.26	19 T	0.00	0.26
D -F	0.35	242 C	0.00	0.35
------------Webs-------------				
A -G	0.08	402 T	WindLd	
A -D	0.04	409 C		

TL Defl -0.06" in D -C L/923
LL Defl -0.02" in D -C L/999

Hz Disp	LL	DL	TL
Jt B	0.17"	0.03"	0.20"

Shear // Grain in G -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
G	MT20	2.0x 4.0	Ctr	Ctr	0.20
F	MT20	2.0x 4.0	Ctr	Ctr	0.13
A	MT20	2.0x 4.0	Ctr	Ctr	0.33
E	MT20	2.0x 4.0	Ctr	Ctr	0.58
D	MT20	3.0x 7.0	Ctr	Ctr	0.51

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

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

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

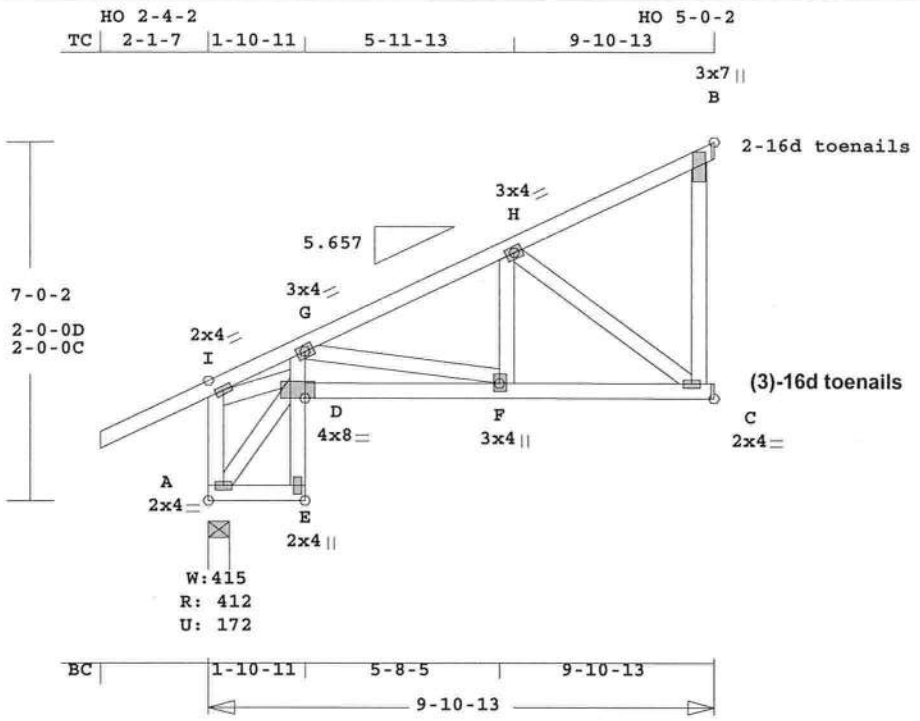
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2007
TPI 2002
OH Loading
Soffit psf 2.0
This truss has been designed for 20.0 psf LL on the B.C. in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B.C. and any other member.
Design checked for 10 psf non-concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 409 Lbs
Max tens. force 402 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

Joaquin Velez, FL Lic. #68182
Robbins Engineering
6904 Parke East Blvd
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*VCJ1*	1	SP	91013	5.657	2- 1- 7	0	*T3506573*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.265" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 88.4 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.36	2x 4	SP-#2
BC	0.18	2x 4	SP-#2
CW	0.04	2x 4	SP-#2
WB	0.16	2x 4	SP-#2

Brace truss as follows:

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

psf-Ld	Dead	Live
TC	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.00 Fc=1.00 Ft=1.00
BC Fb=1.00 Fc=1.00 Ft=1.00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	413	173 U	262 R
C	364	51 U	
B	207	74 U	246 R

Jt	Brg Size	Required
A	4.9"	1.5"
C	1.5"	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	20	40	0.0'	9.9'
BC V	20	0	0.0'	9.9'
TC V	-20	-40	0.0'	
	22	45		9.9'
BC V	-20	0	0.0'	
	22	0		9.9'

Plus 7 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----------			
I -G	0.13	556 T	0.07 0.06
G -H	0.36	420 C	0.03 0.33
H -B	0.35	183 T	0.00 0.35
--------Bottom Chords---------			
A -E	0.01	15 C	0.00 0.01
D -F	0.18	641 C	0.06 0.12
F -C	0.16	398 T	0.05 0.11
----------Chord-Webs----------			
E -D	0.04	20 T	0.00 0.04
D -G	0.04	195 C	0.00 0.04
------------Webs-------------			
A -I	0.09	515 T	WindLd
A -D	0.03	292 C	
I -D	0.08	452 T	
G -F	0.05	348 T	
F -H	0.03	229 T	
H -C	0.16	547 T	
C -B	0.12	0 T	WindLd

TL Defl -0.02" in F -C L/999
LL Defl -0.01" in D -F L/999
Shear // Grain in H -B 0.30

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
I	MT20	2.0x 4.0	Ctr	Ctr	0.44
G	MT20	3.0x 4.0	Ctr	Ctr	0.20
H	MT20	3.0x 4.0	Ctr	Ctr	0.23
B	MT20	3.0x 7.0	Ctr	-0.3	0.06
A	MT20	2.0x 4.0	Ctr	Ctr	0.42
E	MT20	2.0x 4.0	Ctr	Ctr	0.58
D	MT20	4.0x 8.0	Ctr	0.2	0.70
F	MT20	3.0x 4.0-1.5	0.2		0.21
C	MT20	2.0x 4.0	Ctr	Ctr	0.38

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

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

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

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
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.
Max gap between edge of brg and end vertical or diagonal web is 1/2".
Wind Loads - ANSI / ASCE 7-05
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 641 Lbs
Max tens. force 556 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

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Robbins Engineering
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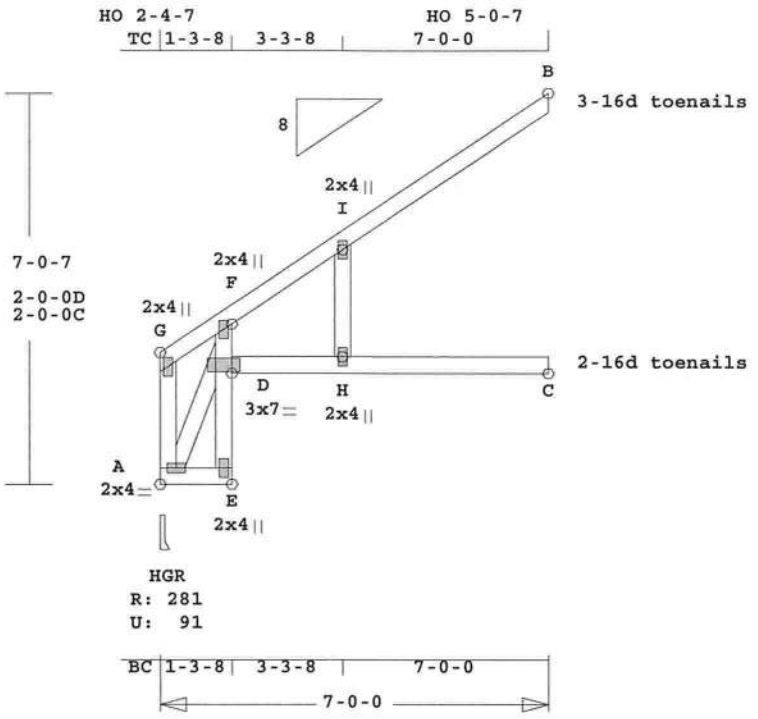
Tampa, FL, 33610
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
FFSB-SPEC	*VJ1*	4	SP	70000	8	0	0	*T3506574*

FIRST FEDERAL--SPEC



Scale: 0.288" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 46.3 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.53	2x 4	SP-#2
BC	0.69	2x 4	SP-#2
CW	0.44	2x 4	SP-#2
WB	0.08	2x 4	SP-#2

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	10.0	20.0
BC	10.0	0.0
TC+BC	20.0	20.0

Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
TC Fb=1.15 Fc=1.10 Ft=1.10
BC Fb=1.10 Fc=1.10 Ft=1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	282	92 U	404 R
C	147	50 U	
B	239	127 U	159 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			
G -F	0.49	283 T	0.03 0.46
F -I	0.53	232 C	0.02 0.51
I -B	0.49	151 T	0.01 0.48
Bottom Chords			
A -E	0.01	104 T	0.01 0.00
D -H	0.69	0 T	0.00 0.69
H -C	0.69	0 T	0.00 0.69
Chord-Webs			
E -D	0.34	19 T	0.00 0.34
D -F	0.44	444 C	0.00 0.44
Webs			
A -G	0.08	415 T	WindLd
A -D	0.05	524 C	
H -I	0.02	143 T	WindLd

TL Defl -0.31" in D -H L/257
LL Defl -0.12" in D -H L/646

Hz Disp	LL	DL	TL
Jt B	0.42"	0.09"	0.51"

Shear // Grain in G -F 0.30

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
G	MT20	2.0x 4.0	Ctr	Ctr	0.21
F	MT20	2.0x 4.0	Ctr	Ctr	0.18
I	MT20	2.0x 4.0	Ctr	Ctr	0.12
A	MT20	2.0x 4.0	Ctr	Ctr	0.34
E	MT20	2.0x 4.0	Ctr	Ctr	0.58
D	MT20	3.0x 7.0	Ctr	Ctr	0.51
H	MT20	2.0x 4.0	Ctr	Ctr	0.12

REVIEWED BY:
Robbins Engineering, Inc.
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Tampa, FL 33610

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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:
Mayo Truss Co. Inc.
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 524 Lbs
Max tens. force 415 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

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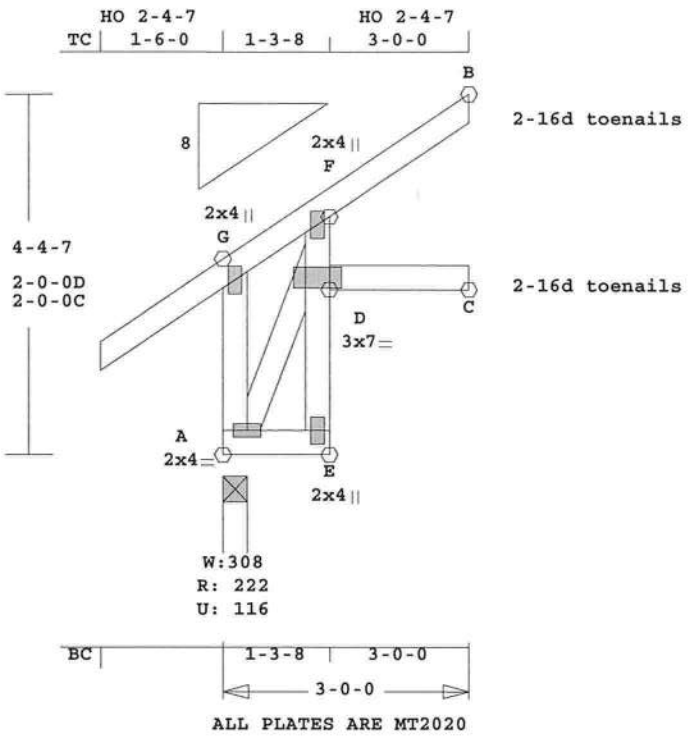
FL Cert.#5555

October 9,2009

Job	Mark	Quan	Type	Span	Pl-Hl	Left OH	Right OH	Engineering
FFSB-SPEC	*VJ4*	2	SP	30000	8	1- 6- 0	0	*T3506575*

FIRST FEDERAL--SPEC



ALL PLATES ARE MT2020

Scale: 0.427" = 1'

Robbins Engineering, Inc./Online Plus™ APPROX. TRUSS WEIGHT: 29.2 LBS

Online Plus -- Version 25.0.008
RUN DATE: 09-OCT-09

	CSI	-Size-	----Lumber----
TC	0.16	2x 4	SP-#2
BC	0.29	2x 4	SP-#2
CW	0.24	2x 4	SP-#2
WB	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	2-10- 8
BC	Cont.	0- 0- 0	2-10- 8

psf-Ld	Dead	Live	
TC	10.0	20.0	
BC	10.0	0.0	
TC+BC	20.0	20.0	
Total	40.0	Spacing	24.0"

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	223	116 U	258 R
C	103	49 U	
B	133	74 U	93 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----------				
G -F	0.16	173 T	0.02	0.14
F -B	0.14	94 T	0.00	0.14
--------Bottom Chords---------				
A -E	0.00	25 T		
D -C	0.29	0 T	0.00	0.29
----------Chord-Webs----------				
E -D	0.08	19 T	0.00	0.08
D -F	0.24	196 C	0.00	0.24
------------Webs------------				
A -G	0.07	322 T	WindLd	
A -D	0.03	358 C		

TL Defl -0.01" in A -E L/999
LL Defl 0.00" in D -C L/999

Hz Disp	LL	DL	TL
Jt B	0.06"	0.00"	0.05"

Shear // Grain in G -F 0.13

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
G	MT20	2.0x 4.0	Ctr	Ctr	0.16
F	MT20	2.0x 4.0	Ctr	Ctr	0.13
A	MT20	2.0x 4.0	Ctr	Ctr	0.27
E	MT20	2.0x 4.0	Ctr	Ctr	0.58
D	MT20	3.0x 7.0	Ctr	Ctr	0.51

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

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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:
Mayo Truss Co. Inc.
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: 120 mph
Mean Roof Height: 15-0
Exposure Category: B
Occupancy Factor : 1.00
Building Type: Enclosed
TC Dead Load: 5.0 psf
BC Dead Load: 5.0 psf
Max comp. force 358 Lbs
Max tens. force 322 Lbs
Quality Control Factor 1.25
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

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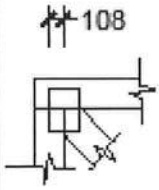
October 9,2009

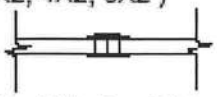
ROBBINS ENG. GENERAL NOTES & SYMBOLS

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.

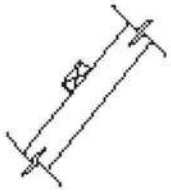
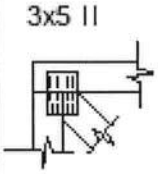


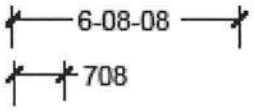
PLATE SIZE AND ORIENTATION



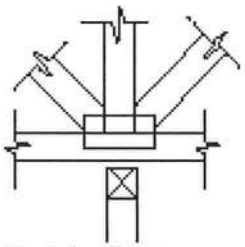
The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

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).



BEARING



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

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.

6904 Parke East Blvd.
Tampa, Fl 33610-4115
Tel: 813-972-1135 Fax: 813-971-6117

www.robbinseng.com