Lumber design values are in accordance with ANSI/TPI 1 section 6 3
These truss designs rely on lumber values established by others

RE WHIDDON -

MiTek USA, Inc.
6904 Parke East Blvd
Tampa, FL 33610-4115

Site Information:
Customer Info WHIDDON Project Name WHIDDON Model
Lot/Block Subdivision
Address
City LAKE CITY State FLORIDA

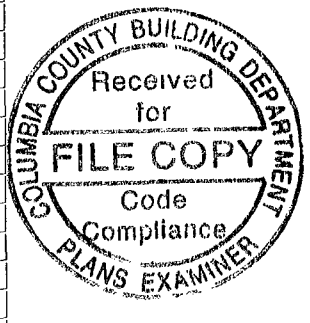
Name Address and License # of Structural Engineer of Record, If there is one, for the building.
Name License #
Address
City State

General Truss Engineering Criteria & Design Loads (Individual Truss Design Drawings Show Special Loading Conditions):

Design Code FBC2010 Design Program: OnLine Plus 30.0.023
Wind Code: ASCE 7-10 Wind Speed: 120 mph Floor Load: N/A psf
Roof Load. 40.0 psf

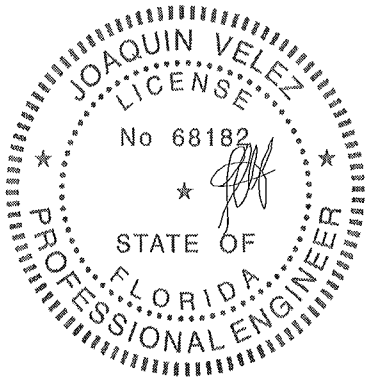
This package includes 41 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31 003, section 5 of the Florida Board of Professional Engineers Rules

No	Seal#	Truss Name	Date	No	Seal#	Truss Name	Date
1	T5054343	A1	9/27/013	18	T5054360	A18	9/27/013
2	T5054344	A2	9/27/013	19	T5054361	A19	9/27/013
3	T5054345	A3	9/27/013	20	T5054362	A20	9/27/013
4	T5054346	A4	9/27/013	21	T5054363	A21	9/27/013
5	T5054347	A5	9/27/013	22	T5054364	A22GIR	9/27/013
6	T5054348	A6	9/27/013	23	T5054365	A23	9/27/013
7	T5054349	A7	9/27/013	24	T5054366	A24	9/27/013
8	T5054350	A8	9/27/013	25	T5054367	A25	9/27/013
9	T5054351	A9	9/27/013	26	T5054368	A26	9/27/013
10	T5054352	A10	9/27/013	27	T5054369	A27	9/27/013
11	T5054353	A11	9/27/013	28	T5054370	B1	9/27/013
12	T5054354	A12GIR	9/27/013	29	T5054371	B2	9/27/013
13	T5054355	A13	9/27/013	30	T5054372	B3	9/27/013
14	T5054356	A14	9/27/013	31	T5054373	B4GE	9/27/013
15	T5054357	A15	9/27/013	32	T5054374	C1GIR	9/27/013
16	T5054358	A16	9/27/013	33	T5054375	C2	9/27/013
17	T5054359	A17	9/27/013	34	T5054376	C3GE	9/27/013



The truss drawing(s) referenced above have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by Mayo Truss Company, Inc..

Truss Design Engineer's Name. Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2015.



FL Cert. 6634

IMPORTANT NOTE: Truss Engineer's responsibility is solely for design of individual trusses based upon design parameters shown on referenced truss drawings. Parameters have not been verified as appropriate for any use. Any location identification specified is for file reference only and has not been used in preparing design. Suitability of truss designs for any particular building is the responsibility of the building designer, not the Truss Engineer, per ANSI/TPI-1, Chapter 2.

September 27,2013

RE WHIDDON -

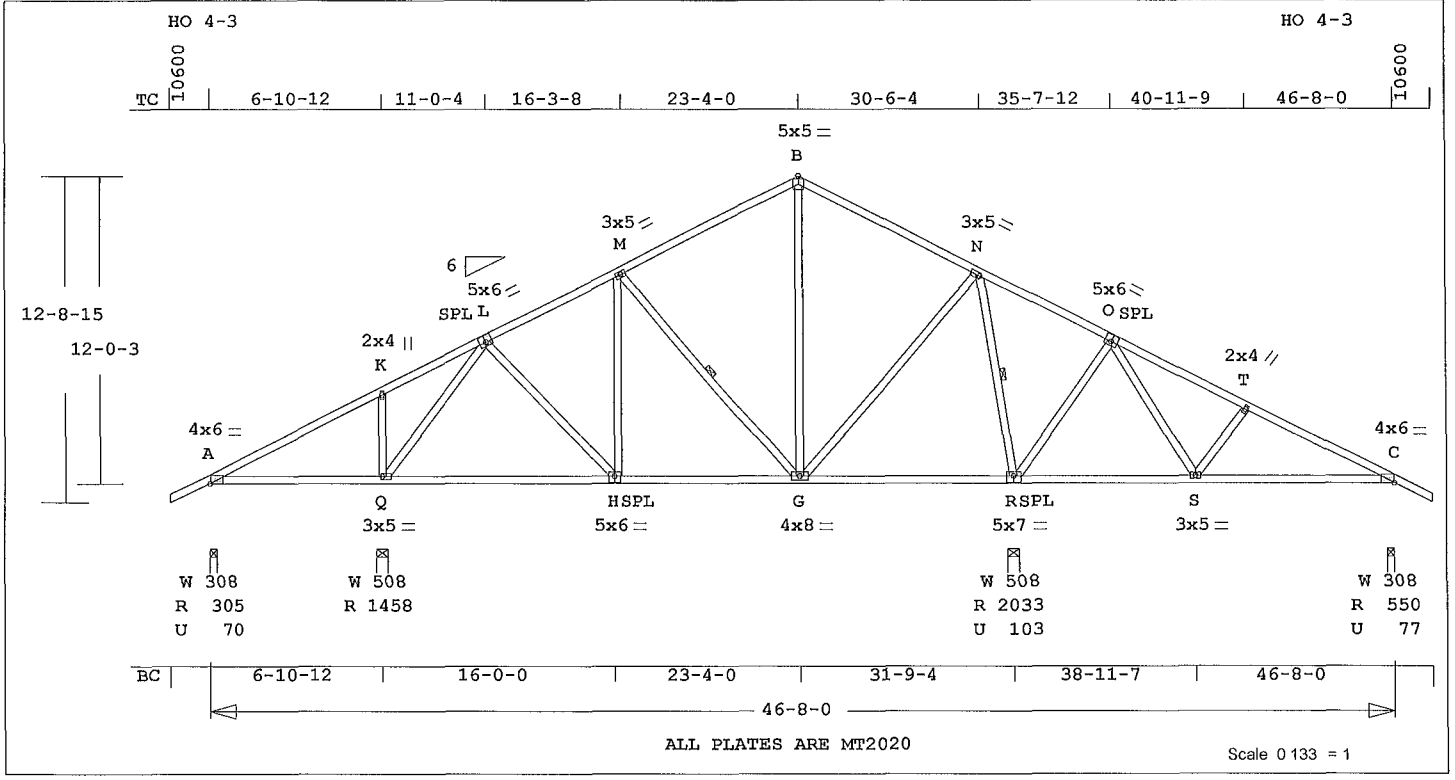
Site Information:

Customer Info WHIDDON Project Name WHIDDON Model
Lot/Block Subdivision
Address .
City LAKE CITY State FLORIDA

No	Seal#	Truss Name	Date
35	T5054377	CJ1	9/27/013
36	T5054378	J1	9/27/013
37	T5054379	J1B	9/27/013
38	T5054380	J2	9/27/013
39	T5054381	J3	9/27/013
40	T5054382	J4	9/27/013
41	T5054383	M1GIR	9/27/013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A1	7	TR	460800	6	1- 6- 0	1- 6- 0	T5054343

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 347 0 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	Size	Lumber
TC	0 49	2x 4	SP-#2
BC	0 66	2x 4	SP-#2
WB	0 83	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
or	48 0"	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	72 0"	0- 0- 0	46- 8- 0

Continuous Lateral Restraint req'd at mid-point of webs
M -G N -R
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	306	70 U	184 R
Q	1458		
R	2033	104 U	
C	551	78 U	184 R

Jt	Brg Size	Required
A	3 5"	1 5"
Q	5 5"	1 6"
R	5 5"	2 2"
C	3 5'	1 5"

Plus 21 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 -K	0 45	140 T	0 02 0 43
K -L	0 40	276 T	0 00 0 40
L -M	0 44	857 C	0 00 0 44
M -B	0 47	521 C	0 00 0 47
B -N	0 46	521 C	0 00 0 46
N -O	0 49	292 T	0 07 0 42
O -T	0 33	337 T	0 00 0 33
T -C	0 33	507 C	0 00 0 33
Bottom Chords			
A -Q	0 48	75 T	0 00 0 48
Q -H	0 66	601 T	0 12 0 54
H -G	0 60	781 T	0 16 0 44
G -R	0 55	219 T	0 00 0 55
R -S	0 44	97 T	0 00 0 44
S -C	0 37	468 T	0 05 0 32
Webs			
Q -K	0 08	375 C	
Q -L	0 83	1009 C	
L -H	0 06	283 T	
H -M	0 03	174 T	
M -G	0 25	478 C	1 Br
G -B	0 02	138 T	
G -N	0 17	760 T	
N -R	0 43	1339 C	1 Br
R -O	0 40	509 C	
O -S	0 27	470 T	
S -T	0 07	330 C	

TL Defl -0 28" in Q -H L/999
LL Defl -0 14" in Q -H L/999
Shear // Grain in G -R 0 26

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	Ctr	0 1	0 36
K	MT20	2 0x 4 0	Ctr	Ctr	0 31
L	MT20	5 0x 6 0-0	2 0	5 0	0 44
M	MT20	3 0x 5 0	Ctr	Ctr	0 36
B	MT20	5 0x 5 0	Ctr	Ctr	0 80
N	MT20	3 0x 5 0	Ctr	Ctr	0 76
O	MT20	5 0x 6 0 0	2 0	5 0	0 43
T	MT20	2 0x 4 0	Ctr	Ctr	0 29
C	MT20	4 0x 6 0	Ctr	0 1	0 36
Q	MT20	3 0x 5 0	Ctr	Ctr	0 47
H	MT20	5 0x 6 0	Ctr-0	5 0	0 84
G	MT20	4 0x 8 0	Ctr	Ctr	0 39
R	MT20	5 0x 7 0	Ctr-0	5 0	0 64
S	MT20	3 0x 5 0	Ctr	Ctr	0 31

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

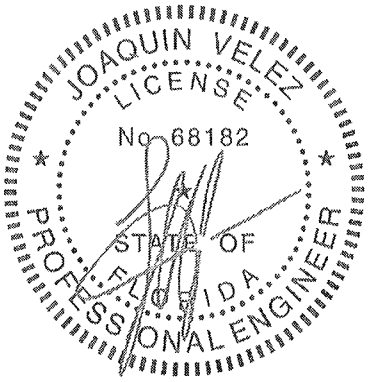
NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
OH Loading Soffit psf 2 0
This truss has been designed for 20 0 psf LL on the B C in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B C and any other member
Design checked for 10 psf non-concurrent LL on BC
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

User-defined wind-exposed BC regions

--From--	---To---
0- 0- 0	6-10-12
31- 9- 4	46- 8- 0

Max comp force 1339 Lbs
Max tens force 781 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

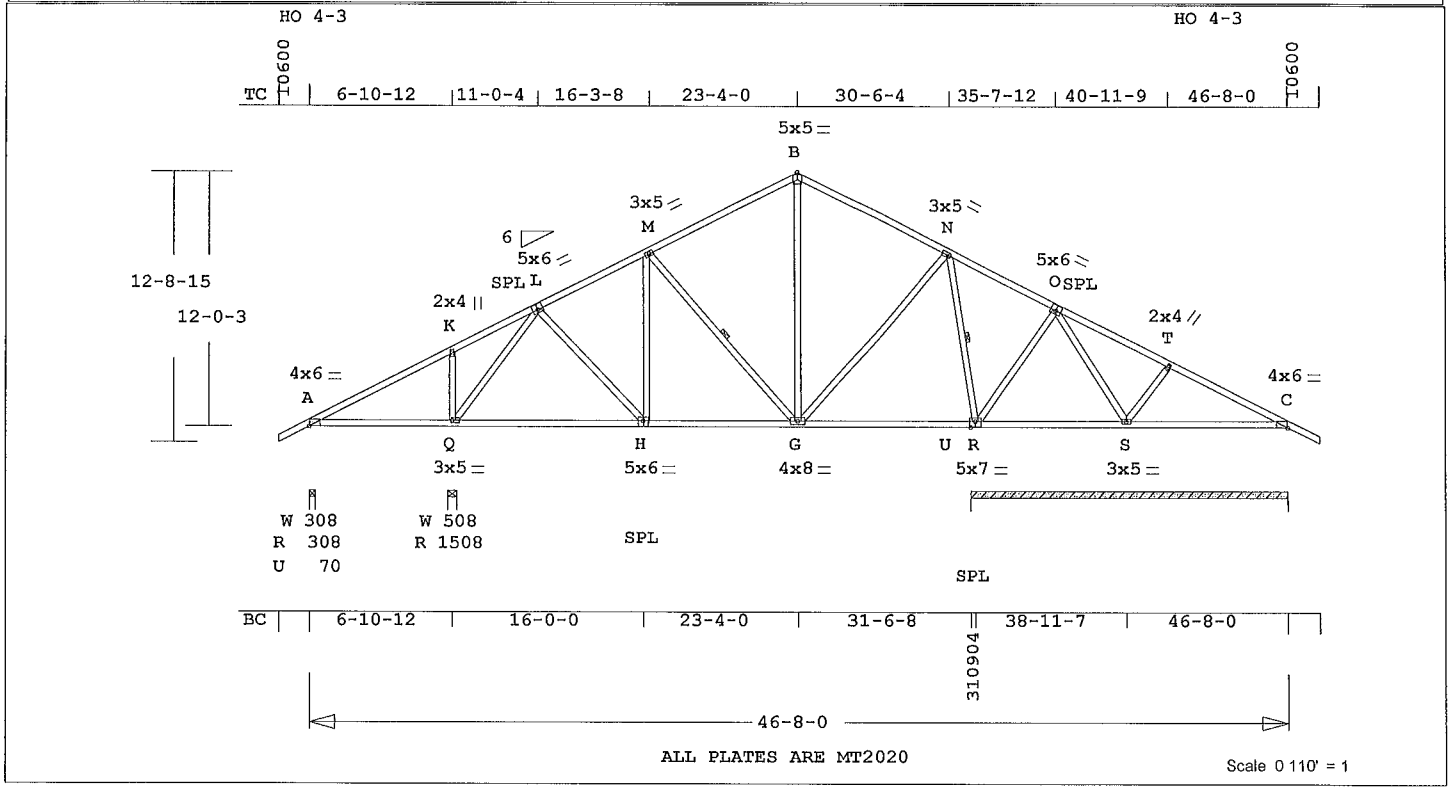


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A2	1	TR	460800	6	1- 6- 0	1- 6- 0	T5054344

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 347 0 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	-----Lumber-----
TC	0 47	2x 4	SP-#2
BC	0 66	2x 4	SP-#2
WB	0 88	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
or	48 0"	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	72 0"	0- 0- 0	46- 8- 0

Continuous Lateral Restraint req'd at mid-point of webs M -G N -R
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	308	70 U	184 R
Q	1508		
R	2532		185 R

Jt	Brg Size	Required
A	3 5"	1 5"
Q	5 5"	1 7"
R	181 5"	379"-to- 560"

Plus 21 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 -K	0 45	142 T	0 02 0 43
K -L	0 40	278 T	0 00 0 40
L -M	0 44	926 C	0 00 0 44
M -B	0 47	606 C	0 00 0 47
B -N	0 46	605 C	0 00 0 46
N -O	0 44	133 T	0 03 0 41
O -T	0 35	90 C	0 00 0 35
T -C	0 35	265 C	0 00 0 35
Bottom Chords			
A -Q	0 48	77 T	0 00 0 48
Q -H	0 66	634 T	0 12 0 54
H -G	0 61	843 T	0 17 0 44
G -R	0 58	193 T	0 02 0 56
R -S	0 43	103 T	0 00 0 43
S -C	0 35	209 T	0 02 0 33
Webs			
Q -K	0 08	375 C	
Q -L	0 88	1071 C	
L -H	0 07	312 T	
H -M	0 02	158 T	
M -G	0 24	457 C	1 Br
G -B	0 08	194 T	
G -N	0 14	641 T	
N -R	0 39	1197 C	1 Br
R -O	0 20	258 C	
O -S	0 05	72 T	
S -T	0 07	336 C	

TL Defl -0 28" in Q -H L/999
LL Defl -0 14" in Q -H L/999
Shear // Grain in M -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	4 0x 6 0	Ctr	0 1 0	36
K	MT20	2 0x 4 0	Ctr	Ctr 0	31
L	MT20	5 0x 6 0-0	2 0 5 0		44
M	MT20	3 0x 5 0	Ctr	Ctr 0	36
B	MT20	5 0x 5 0	Ctr	Ctr 0	81
N	MT20	3 0x 5 0	Ctr	Ctr 0	68
O	MT20	5 0x 6 0 0	2 0 5 0		44
T	MT20	2 0x 4 0	Ctr	Ctr 0	29
C	MT20	4 0x 6 0	Ctr	0 1 0	36
Q	MT20	3 0x 5 0	Ctr	Ctr 0	50
H	MT20	5 0x 6 0	Ctr-0	5 0	84
G	MT20	4 0x 8 0	Ctr	Ctr 0	33
R	MT20	5 0x 7 0	Ctr-0	5 0	63
S	MT20	3 0x 5 0	Ctr	Ctr 0	31

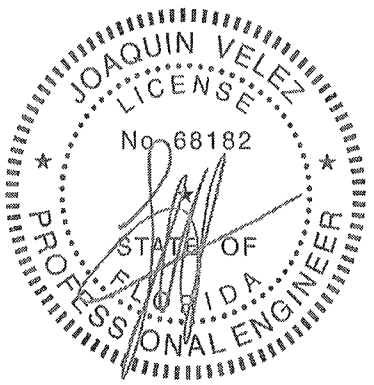
REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 6-10-12
Max comp force 1197 Lbs
Max tens force 843 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

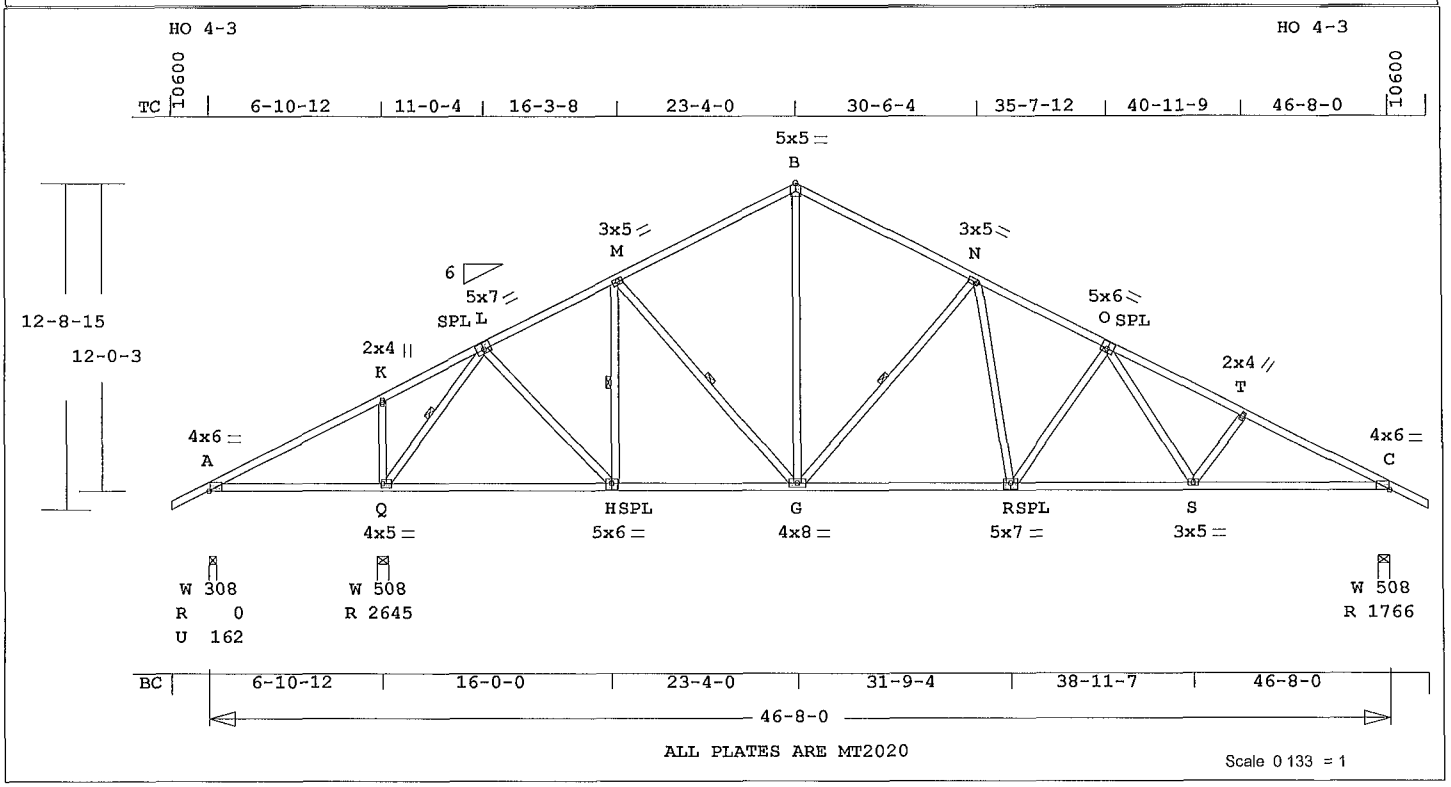


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A3	1	TR	460800	6	1- 6- 0	1- 6- 0	T5054345

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 347 0 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 66	2x 4	SP-#2
BC	0 97	2x 4	SP-#2
WB	0 57	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
or	36 0"	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	72 0"	0- 0- 0	46- 8- 0

Continuous Lateral Restraint req'd at mid-point of webs
Q -L H -M M -G G -N
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A		162 U	184 R
Q	2646		
C	1766		185 R

Jt	Brg Size	Required
A	3 5"	1 5"
Q	5 5"	2 9"
C	5 5"	2 1"

Plus 21 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 -K	0 66	812 T	0 18 0 48
K -L	0 59	777 T	0 14 0 45
L -M	0 43	1554 C	0 01 0 42
M -B	0 57	1568 C	0 10 0 47
B -N	0 60	1567 C	0 10 0 50
N -O	0 43	2382 C	0 04 0 39
O -T	0 41	2917 C	0 12 0 29
T -C	0 34	3107 C	0 09 0 25
Bottom Chords			
A -Q	0 52	714 C	0 00 0 52
Q -H	0 71	749 T	0 15 0 56
H -G	0 70	1404 T	0 28 0 42
G -R	0 97	2024 T	0 41 0 56
R -S	0 91	2410 T	0 49 0 42
S -C	0 79	2777 T	0 57 0 22
Webs			
Q -K	0 09	394 C	
Q -L	0 57	2451 C	1 Br
L -H	0 21	967 T	
H -M	0 12	399 C	1 Br
M -G	0 03	117 T	1 Br
G -B	0 42	970 T	
G -N	0 50	945 C	1 Br
N -R	0 15	703 T	
R -O	0 38	482 C	
O -S	0 08	421 T	
S -T	0 06	282 C	

TL Defl -0 09" in A -Q L/857
LL Defl -0 25" in G -R L/999
Shear // Grain in A -K 0 26

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	Ctr 0	1 0	36
K	MT20	2 0x 4 0	Ctr Ctr	0	30
L	MT20	5 0x 7 0-0	2 0	5 0	85
M	MT20	3 0x 5 0	Ctr Ctr	0	36
B	MT20	5 0x 5 0	Ctr Ctr	0	86
N	MT20	3 0x 5 0	Ctr Ctr	0	57
O	MT20	5 0x 6 0	0 2	0 5 0	63
T	MT20	2 0x 4 0	Ctr Ctr	0	31
C	MT20	4 0x 6 0	Ctr 0	1 0	83
Q	MT20	4 0x 5 0	Ctr Ctr	0	85
H	MT20	5 0x 6 0	Ctr-0	5 0	90
G	MT20	4 0x 8 0	Ctr Ctr	0	37
R	MT20	5 0x 7 0	Ctr-0	5 0	91
S	MT20	3 0x 5 0	Ctr Ctr	0	31

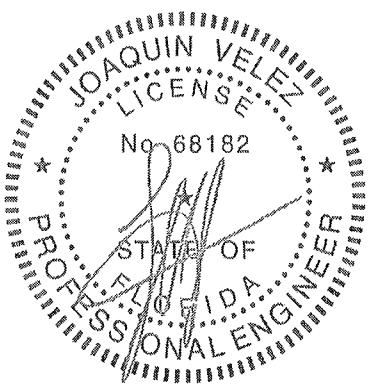
REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

User-defined wind-exposed BC regions --From-- ---To---
0- 0- 0 6-10-12
Max comp force 3107 Lbs
Max tens force 2777 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

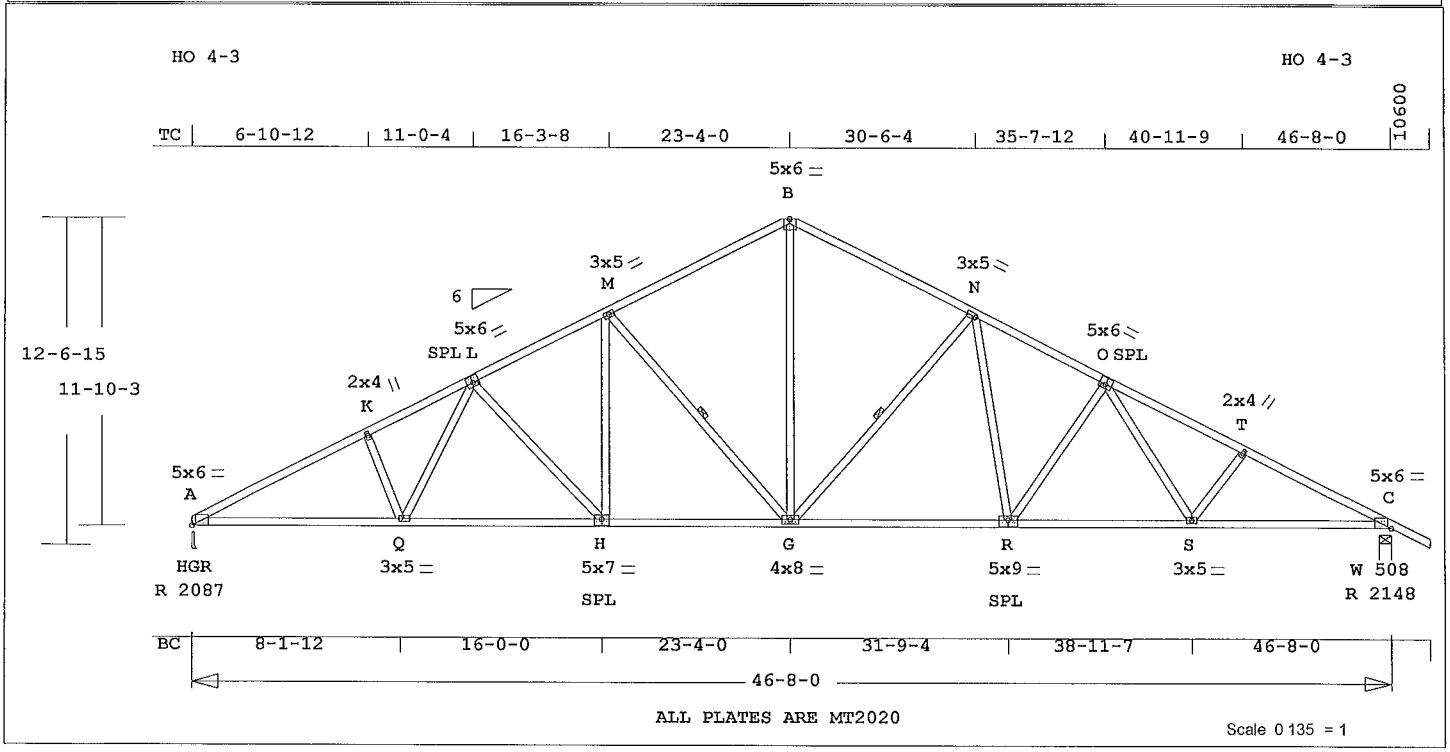


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A4	1	TR	460800	6	0	1- 6- 0	T5054346

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 342 7 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	Size	Lumber
TC	0 87	2x 4	SP-#2
BC	0 78	2x 4	SP-#1
WB	0 67	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	102 0"	0- 0- 0	46- 8- 0

Continuous Lateral Restraint
req'd at mid-point of webs
M -G G -N
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2088		185 R
C	2148		185 R

Jt	Brg Size	Required
A	3 5"	2 5"
C	5 5"	2 5"

Plus 21 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 -K	0 69	3964 C	0 29 0 40
K -L	0 34	3846 C	0 13 0 21
L -M	0 48	3150 C	0 08 0 40
M -B	0 84	2414 C	0 24 0 60
B -N	0 87	2413 C	0 24 0 63
N -O	0 47	3223 C	0 09 0 38
O -T	0 56	3736 C	0 21 0 35
T -C	0 47	3924 C	0 14 0 33
Bottom Chords			
A -Q	0 66	3538 T	0 49 0 17
Q -H	0 74	3200 T	0 44 0 30
H -G	0 71	2828 T	0 39 0 32
G -R	0 78	2776 T	0 38 0 40
R -S	0 74	3158 T	0 43 0 31
S -C	0 68	3503 T	0 48 0 20
Webs			
K -Q	0 07	277 C	
Q -L	0 11	522 T	
L -H	0 54	547 C	
H -M	0 15	696 T	
M -G	0 54	1010 C	1 Br
G -B	0 67	1723 T	
G -N	0 50	937 C	1 Br
N -R	0 15	698 T	
R -O	0 37	474 C	
O -S	0 08	405 T	
S -T	0 06	268 C	

TL Defl -0 80" in G -R L/691
LL Defl -0 37" in G -R L/999
Shear // Grain in G -R 0 25

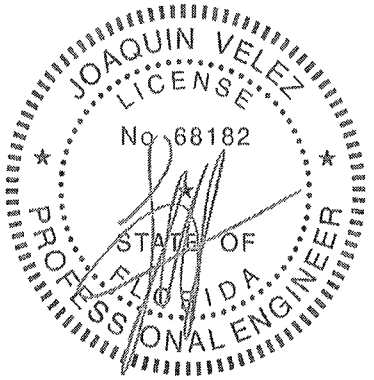
Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	5 0x 6 0	1 4	0 6	0 93
K	MT20	2 0x 4 0	Ctr	Ctr	0 31
L	MT20	5 0x 6 0	-0 2	0 5	0 61
M	MT20	3 0x 5 0	Ctr	Ctr	0 53
B	MT20	5 0x 6 0	Ctr-0	6 0	0 94
N	MT20	3 0x 5 0	Ctr	Ctr	0 56
O	MT20	5 0x 6 0	0 2	0 5	0 73
T	MT20	2 0x 4 0	Ctr	Ctr	0 30
C	MT20	5 0x 6 0	-1 4	0 6	0 92
Q	MT20	3 0x 5 0	Ctr	Ctr	0 35
H	MT20	5 0x 7 0	Ctr-0	5 0	0 99
G	MT20	4 0x 8 0	Ctr	Ctr	0 65
R	MT20	5 0x 9 0	Ctr-0	5 0	0 77
S	MT20	3 0x 5 0	Ctr	Ctr	0 31

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by
Mayo Truss Co Inc
Analysis Conforms To
FBC2010
TPI 2007
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 7-10
Truss is designed as
Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
Max comp force 3964 Lbs
Max tens force 3538 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

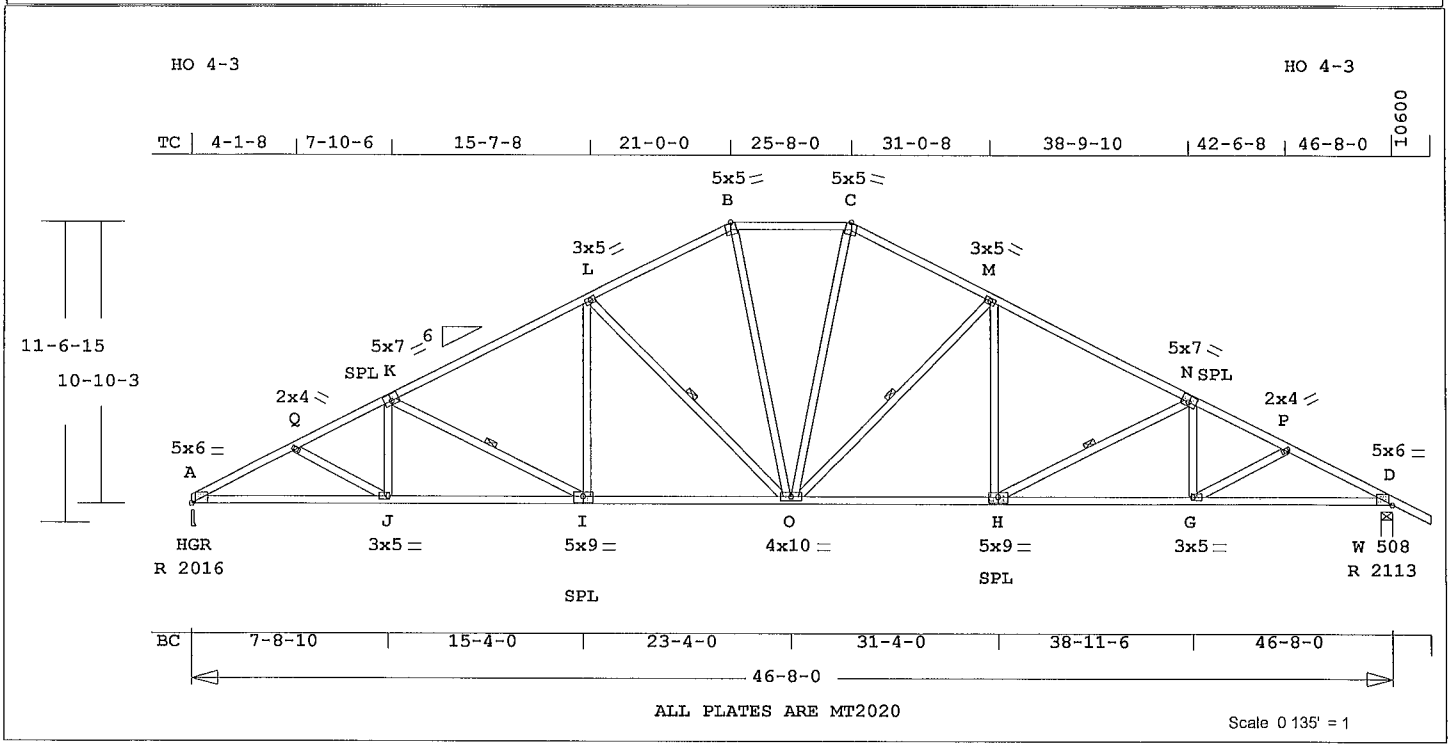


FL Cert. 6634

September 27,2013

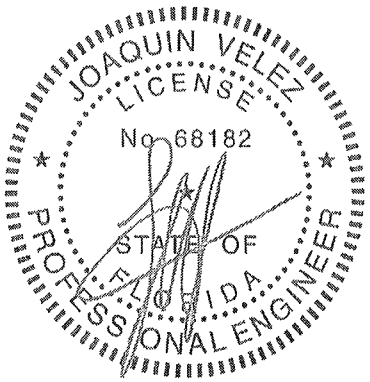
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A5	1	HIPP	460800	6	0	1- 6- 0	T5054347

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 357 9 LBS

```
Online Plus -- Version 30 0 023
RUN DATE  27-SEP-13

Southern Pine lumber design
values are those effective
06-01-13 by SPIB//ALSC UON
      CSI -Size- ----Lumber----
TC   0 77  2x 4  SP-#1
--   0 56  2x 4  SP-#2
     A -K   B -C   N -D
BC   0 98  2x 4  SP-#2
--   0 71  2x 4  SP-#1
     A -I   H -D
WB   0 51  2x 4  SP-#2

Brace truss as follows
      O C      From      To
 TC  Cont     0- 0- 0 46- 8- 0
 or   30 0"   0- 0- 0 46- 8- 0
 BC  Cont     0- 0- 0 46- 8- 0
 or  102 0"   0- 0- 0 46- 8- 0
Continuous Lateral Restraint
  req'd at mid-point of webs
   K -I   L -O   O -M   H -N
Attach CLR with (2)-10d nails
  at each web
  Refer to BCSI for diagonal
  restraint requirements

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
          Fb     Fc     Ft    Emin
TC      1 15   1 10   1 10   1 10
BC      1 10   1 10   1 10   1 10

Total Load Reactions (Lbs)
Jt  Down  Uplift  Horiz-
A   2017           167 R
D   2114           167 R

Jt   Brg Size   Required
A       3 5"       2 4"
D       5 5"       2 5"

Plus 21 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 -Q  0 46  3880 C  0 13  0 33
Q -K  0 56  3737 C  0 12  0 44
K -L  0 77  3126 C  0 22  0 55
L -B  0 38  2393 C  0 04  0 34
B -C  0 30  2294 C  0 06  0 24
C -M  0 38  2393 C  0 04  0 34
M -N  0 77  3126 C  0 22  0 55
N -P  0 56  3734 C  0 12  0 44
P -D  0 48  3874 C  0 13  0 35
--------Bottom Chords---------
A -J  0 65  3444 T  0 47  0 18
J -I  0 71  3374 T  0 46  0 25
I -O  0 98  2797 T  0 57  0 41
O -H  0 98  2797 T  0 57  0 41
H -G  0 71  3371 T  0 46  0 25
G -D  0 65  3438 T  0 47  0 18
------------Webs-------------
Q -J  0 02   103 T
J -K  0 05   309 T
K -I  0 22   644 C        1 Br
I -L  0 12   572 T
L -O  0 51   939 C        1 Br
B -O  0 31   798 T
O -C  0 31   798 T
O -M  0 51   938 C        1 Br
H -M  0 12   571 T
H -N  0 22   642 C        1 Br
G -N  0 05   308 T
G -P  0 02   100 T

TL Defl  -0 72" in I -O  L/760
LL Defl  -0 34" in I -O  L/999
Shear // Grain  in K -L   0 27

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type  Plt Size  X   Y   JSI
A  MT20  5 0x 6 0 1 4 0 6 0 91
Q  MT20  2 0x 4 0 Ctr Ctr 0 32
K  MT20  5 0x 7 0-0 2 0 5 0 83
L  MT20  3 0x 5 0 Ctr Ctr 0 44
B  MT20  5 0x 5 0 0 3-3 2 0 63
C  MT20  5 0x 5 0-0 3-3 2 0 63
M  MT20  3 0x 5 0 Ctr Ctr 0 44
N  MT20  5 0x 7 0 0 2 0 5 0 83
P  MT20  2 0x 4 0 Ctr Ctr 0 32
D  MT20  5 0x 6 0-1 4 0 6 0 91
J  MT20  3 0x 5 0 Ctr Ctr 0 33
I  MT20  5 0x 9 0 Ctr-0 5 0 79
O  MT20  4 0x10 0 Ctr Ctr 0 69
H  MT20  5 0x 9 0 Ctr-0 5 0 79
G  MT20  3 0x 5 0 Ctr Ctr 0 33

REVIEWED BY
MiTek Industries, Inc
 6904 Parke East Blvd
 Tampa, FL  33610

REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by
  Mayo Truss Co  Inc
Analysis Conforms To
  FBC2010

  TPI 2007
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 7-10
Truss is designed as
  Components and Claddings*
  for Exterior zone location
  Wind Speed          120 mph
  Risk Category         II
  Mean Roof Height   15-0
  Exposure  Category     B
  Building Type  Enclosed
  TC Dead Load          6 0 psf
  BC Dead Load          6 0 psf
Max comp  force     3880 Lbs
Max tens  force     3444 Lbs
Connector Plate Fabrication
  Tolerance = 20%
This truss is designed for a
  creep factor of 1 5  which
  is used to calculate total
  load deflection
```

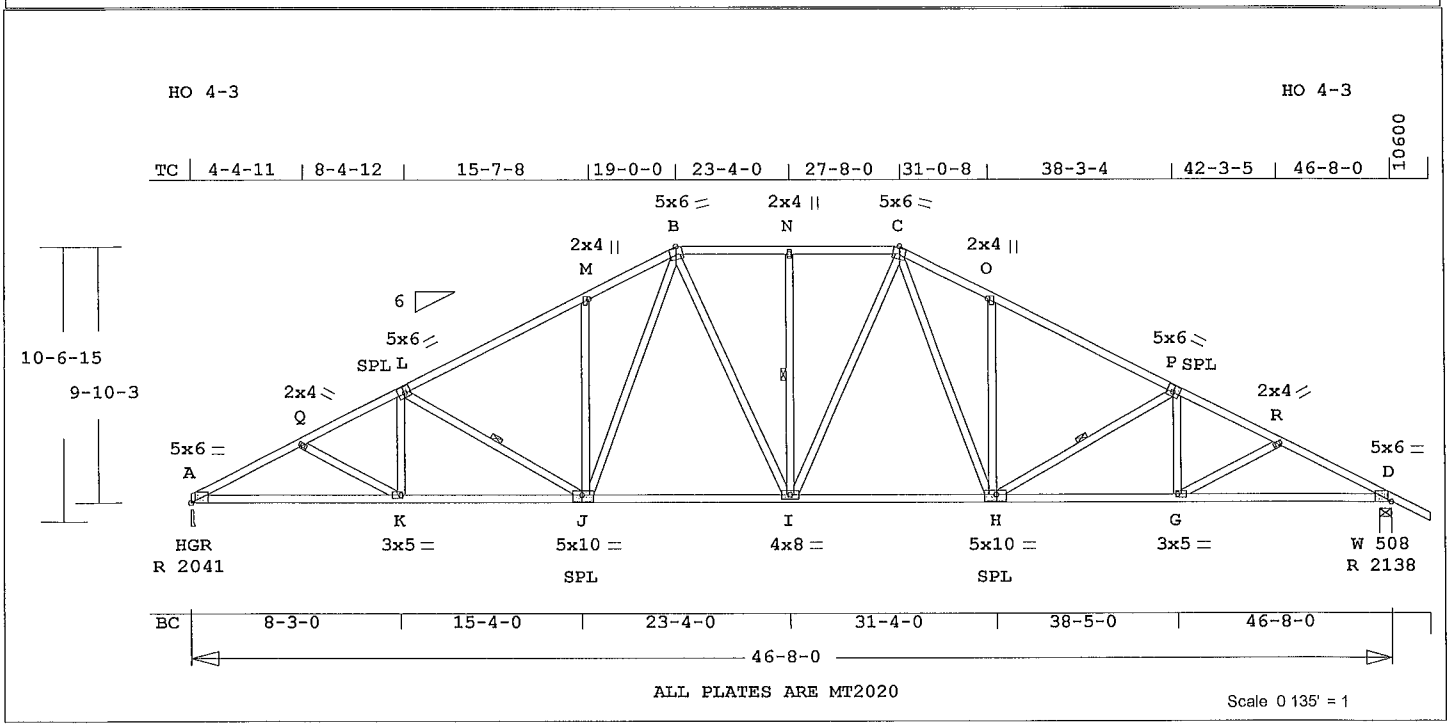


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A6	1	HIPP	460800	6	0	1- 6- 0	T5054348

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 371 2 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 89	2x 4	SP-#2
BC	0 77	2x 4	SP-#1
WB	0 46	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	102 0"	0- 0- 0	46- 8- 0

Continuous Lateral Restraint req'd at mid-point of webs
L -J I -N H -P
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2042		151 R
D	2138		151 R

Jt	Brg Size	Required
A	3 5"	2 4"
D	5 5"	2 5"

Plus 21 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 -Q	0 46	3927 C	0 14 0 32
Q -L	0 53	3750 C	0 12 0 41
L -M	0 89	3175 C	0 24 0 65
M -B	0 45	3193 C	0 09 0 36
B -N	0 25	2641 C	0 06 0 19
N -C	0 25	2641 C	0 06 0 19
C -O	0 45	3192 C	0 09 0 36
O -P	0 89	3174 C	0 24 0 65
P -R	0 54	3747 C	0 12 0 42
R -D	0 46	3922 C	0 13 0 33
Bottom Chords			
A -K	0 68	3491 T	0 48 0 20
K -J	0 70	3379 T	0 46 0 24
J -I	0 77	2492 T	0 34 0 43
I -H	0 77	2492 T	0 34 0 43
H -G	0 70	3377 T	0 46 0 24
G -D	0 68	3486 T	0 48 0 20
Webs			
Q -K	0 04	134 C	
K -L	0 06	322 T	
L -J	0 20	623 C	1 Br
J -M	0 38	358 C	
J -B	0 46	978 T	
B -I	0 07	363 T	
I -N	0 12	282 C	1 Br
I -C	0 07	363 T	
C -H	0 46	977 T	
H -O	0 38	358 C	
H -P	0 20	621 C	1 Br
G -P	0 06	321 T	
G -R	0 04	133 C	

TL Defl -0 68" in J -I L/805
LL Defl -0 30" in J -I L/999
Shear // Grain in L -M 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	5 0x 6	0 1 4	0 6	0 92
Q	MT20	2 0x 4	0 Ctr	Ctr	0 32
L	MT20	5 0x 6	0-0 2	0 5	0 98
M	MT20	2 0x 4	0 Ctr	Ctr	0 31
B	MT20	5 0x 6	0 0 3-3	4 0	0 59
N	MT20	2 0x 4	0 Ctr	Ctr	0 34
C	MT20	5 0x 6	0-0 3-3	4 0	0 59
O	MT20	2 0x 4	0 Ctr	Ctr	0 31
P	MT20	5 0x 6	0 0 2	0 5	0 98
R	MT20	2 0x 4	0 Ctr	Ctr	0 32
D	MT20	5 0x 6	0-1 4	0 6	0 92
K	MT20	3 0x 5	0 Ctr	Ctr	0 33
J	MT20	5 0x10	0 0 5-0	5 0	0 76
I	MT20	4 0x 8	0 Ctr	Ctr	0 26
H	MT20	5 0x10	0-0 5-0	5 0	0 76
G	MT20	3 0x 5	0 Ctr	Ctr	0 33

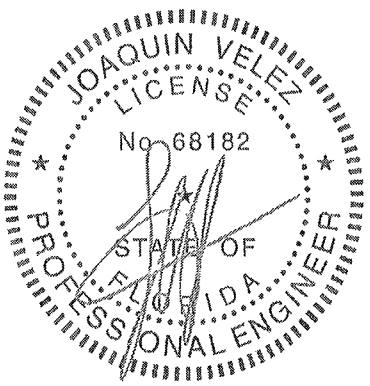
REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by
Mayo Truss Co Inc
Analysis Conforms To
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

Max comp force 3927 Lbs
Max tens force 3491 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

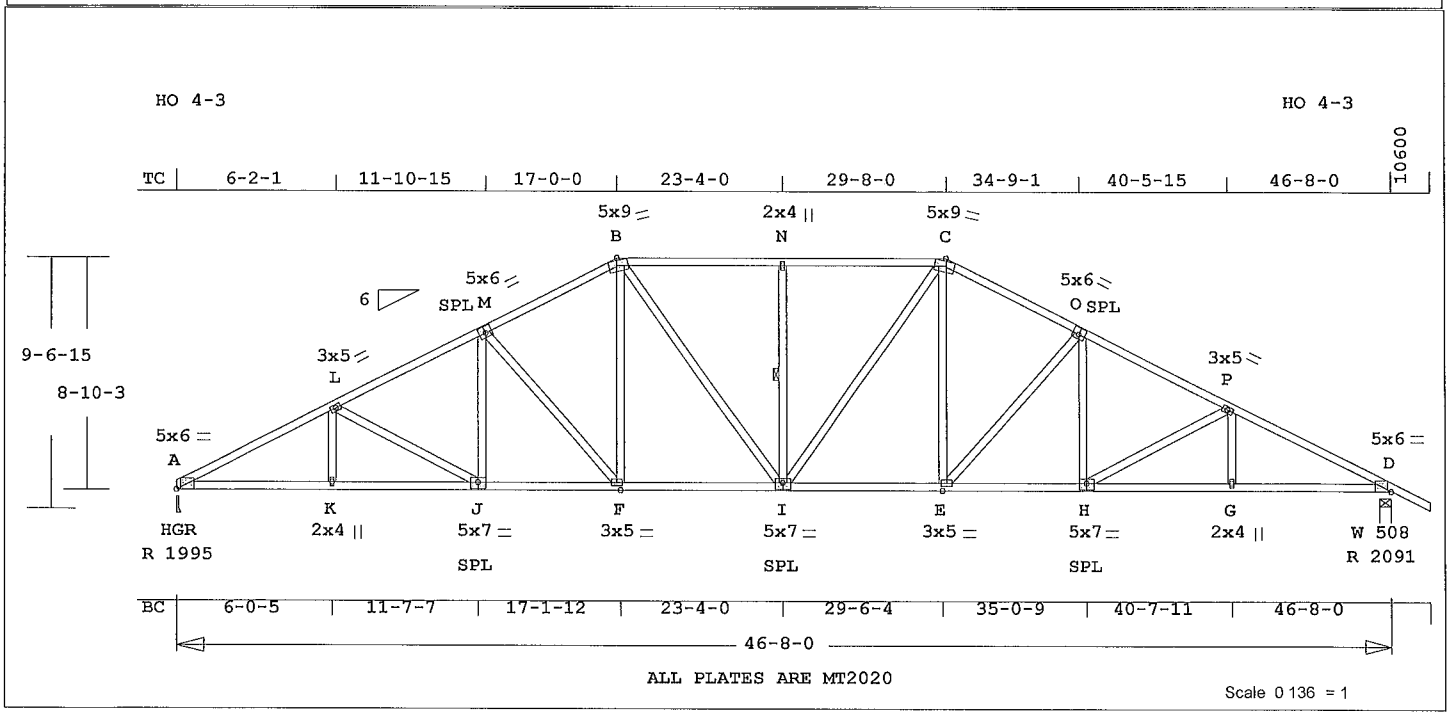


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A7	1	HIPP	460800	6	0	1- 6- 0	T5054349

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 356 9 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 58	2x 4	SP-#2
BC	0 92	2x 4	SP-#2
WB	0 65	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
or	30 0"	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	102 0"	0- 0- 0	46- 8- 0

Continuous Lateral Restraint req'd at mid-point of webs I -N
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1995		135 R
D	2092		135 R

Jt	Brg Size	Required
A	3 5"	2 4"
D	5 5"	2 5"

Plus 21 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 -L	0 48	3813 C	0 13 0 35
L -M	0 58	3362 C	0 18 0 40
M -B	0 42	2913 C	0 07 0 35
B -N	0 56	2840 C	0 16 0 40
N -C	0 56	2840 C	0 16 0 40
C -O	0 42	2912 C	0 07 0 35
O -P	0 58	3360 C	0 18 0 40
P -D	0 50	3808 C	0 13 0 37
--------Bottom Chords---------			
A -K	0 90	3406 T	0 69 0 21
K -J	0 85	3406 T	0 69 0 16
J -F	0 79	3007 T	0 61 0 18
F -I	0 81	2603 T	0 53 0 28
I -E	0 81	2602 T	0 53 0 28
E -H	0 79	3006 T	0 61 0 18
H -G	0 85	3401 T	0 69 0 16
G -D	0 92	3401 T	0 69 0 23
----------Webs----------			
K -L	0 03	209 T	
L -J	0 32	451 C	
J -M	0 07	388 T	
M -F	0 65	590 C	
F -B	0 14	647 T	
B -I	0 14	406 T	
I -N	0 15	442 C	1 Br
I -C	0 14	406 T	
E -C	0 14	646 T	
E -O	0 65	589 C	
H -O	0 07	388 T	
H -P	0 32	450 C	
G -P	0 03	209 T	

TL Defl -0 73" in I -E L/758
LL Defl -0 33" in I -E L/999
Shear // Grain in B -N 0 28

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

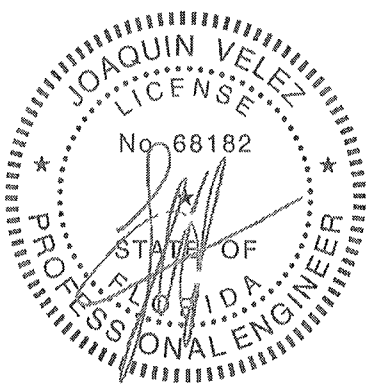
Jt	Type	Plt Size	X	Y	JSI
A	MT20	5 0x 6	0 1	4 0	6 0 89
L	MT20	3 0x 5	0 Ctr	Ctr	0 36
M	MT20	5 0x 6	0-0 2	0 5	0 70
B	MT20	5 0x 9	0 0 8-3	5 0	93
N	MT20	2 0x 4	0 Ctr	Ctr	0 34
C	MT20	5 0x 9	0-0 8-3	5 0	93
O	MT20	5 0x 6	0 0 2	0 5	0 70
P	MT20	3 0x 5	0 Ctr	Ctr	0 36
D	MT20	5 0x 6	0-1 4	0 6	0 89
K	MT20	2 0x 4	0 Ctr	Ctr	0 34
J	MT20	5 0x 7	0 Ctr-0	5 0	87
F	MT20	3 0x 5	0 Ctr	Ctr	0 45
I	MT20	5 0x 7	0 Ctr-0	5 0	79
E	MT20	3 0x 5	0 Ctr	Ctr	0 45
H	MT20	5 0x 7	0 Ctr-0	5 0	87
G	MT20	2 0x 4	0 Ctr	Ctr	0 34

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007

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 7-10
Truss is designed as Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
Max comp force 3813 Lbs
Max tens force 3406 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

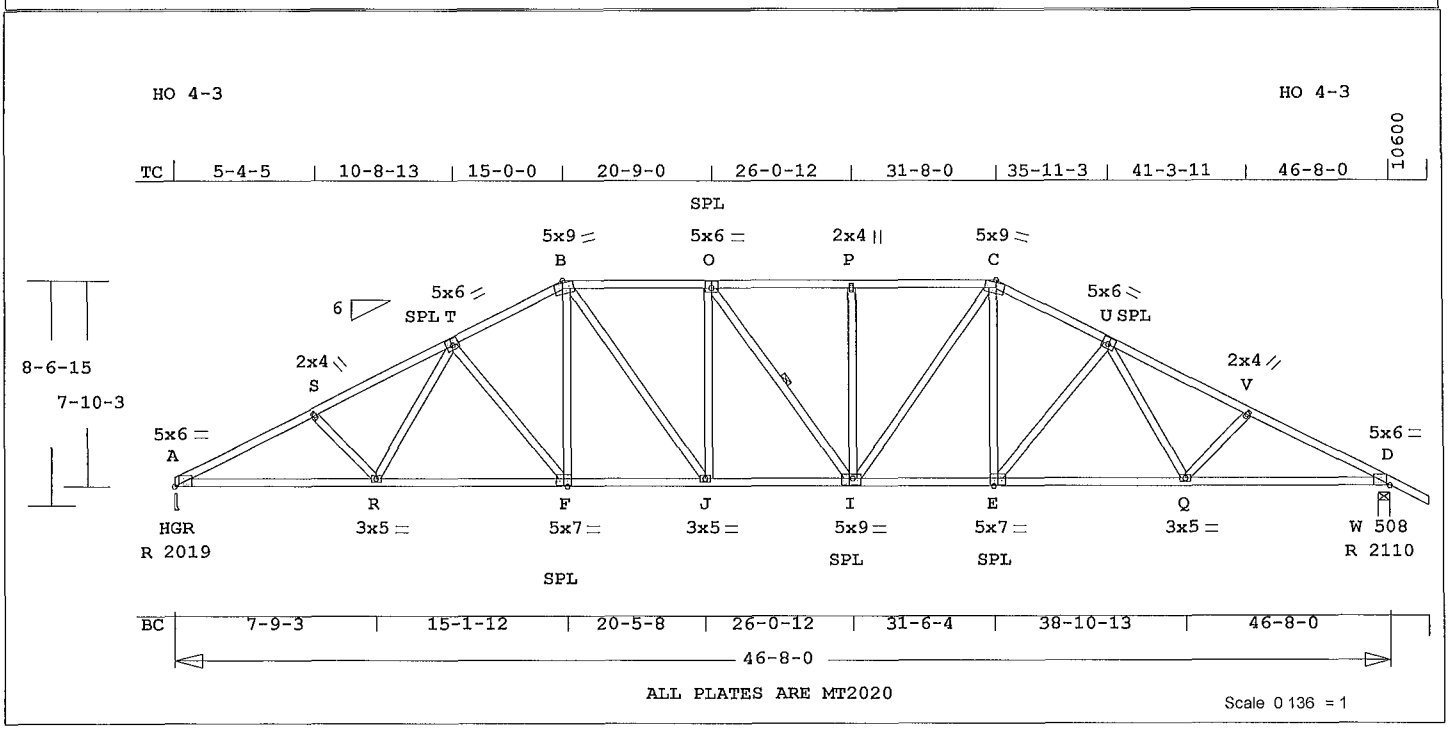


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A8	1	HIPP	460800	6	0	1- 6- 0	T5054350

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 352 6 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 65	2x 4	SP-#2
BC	0 97	2x 4	SP-#2
WB	0 39	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
or	24 0"	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	96 0"	0- 0- 0	46- 8- 0

Continuous Lateral Restraint req'd at mid-point of webs O -I
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2019		119 R
D	2110		119 R

Jt	Brg Size	Required
A	3 5"	2 4"
D	5 5"	2 5"

Plus 21 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 -S	0 46	3886 C	0 13 0 33
S -T	0 65	3668 C	0 20 0 45
T -B	0 40	3138 C	0 08 0 32
B -O	0 53	3199 C	0 16 0 37
O -P	0 40	3181 C	0 09 0 31
P -C	0 54	3181 C	0 16 0 38
C -U	0 40	3125 C	0 08 0 32
U -V	0 65	3652 C	0 20 0 45
V -D	0 47	3869 C	0 13 0 34
Bottom Chords			
A -R	0 97	3468 T	0 71 0 26
R -F	0 83	3105 T	0 63 0 20
F -J	0 76	2806 T	0 57 0 19
J -I	0 83	3199 T	0 65 0 18
I -E	0 77	2794 T	0 57 0 20
E -Q	0 84	3093 T	0 63 0 21
Q -D	0 97	3453 T	0 70 0 27
Webs			
S -R	0 06	270 C	
R -T	0 08	418 T	
T -F	0 39	463 C	
F -B	0 12	571 T	
B -J	0 15	668 T	
J -O	0 33	329 C	
O -I	0 02	67 C	1 Br
I -P	0 35	353 C	
I -C	0 15	656 T	
E -C	0 12	574 T	
E -U	0 39	462 C	
U -Q	0 08	417 T	
Q -V	0 06	268 C	

TL Defl -0 77" in J -I L/720
LL Defl -0 34" in J -I L/999
Shear // Grain in B -O 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	5 0x 6 0	1 4	0 6	0 91
S	MT20	2 0x 4 0	Ctr	Ctr	0 31
T	MT20	5 0x 6 0	0-0 2	0 5	0 66
B	MT20	5 0x 9 0	0 8-3	5 0	0 92
O	MT20	5 0x 6 0	Ctr 0	5 0	0 80
P	MT20	2 0x 4 0	Ctr	Ctr	0 34
C	MT20	5 0x 9 0	0-0 8-3	5 0	0 91
U	MT20	5 0x 6 0	0 2	0 5	0 66
V	MT20	2 0x 4 0	Ctr	Ctr	0 31
D	MT20	5 0x 6 0	0-1 4	0 6	0 91
R	MT20	3 0x 5 0	Ctr	Ctr	0 32
F	MT20	5 0x 7 0	Ctr-0 5	0	0 90
J	MT20	3 0x 5 0	Ctr	Ctr	0 43
I	MT20	5 0x 9 0	1 0-0 5	0	0 82
E	MT20	5 0x 7 0	Ctr-0 5	0	0 90
Q	MT20	3 0x 5 0	Ctr	Ctr	0 32

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

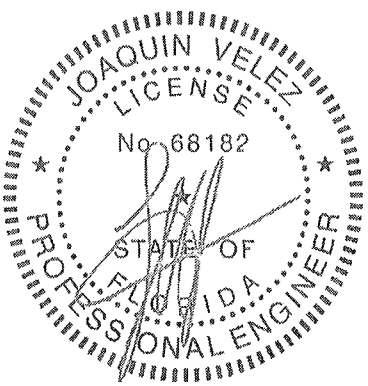
REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007

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 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

Max comp force 3886 Lbs
Max tens force 3468 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

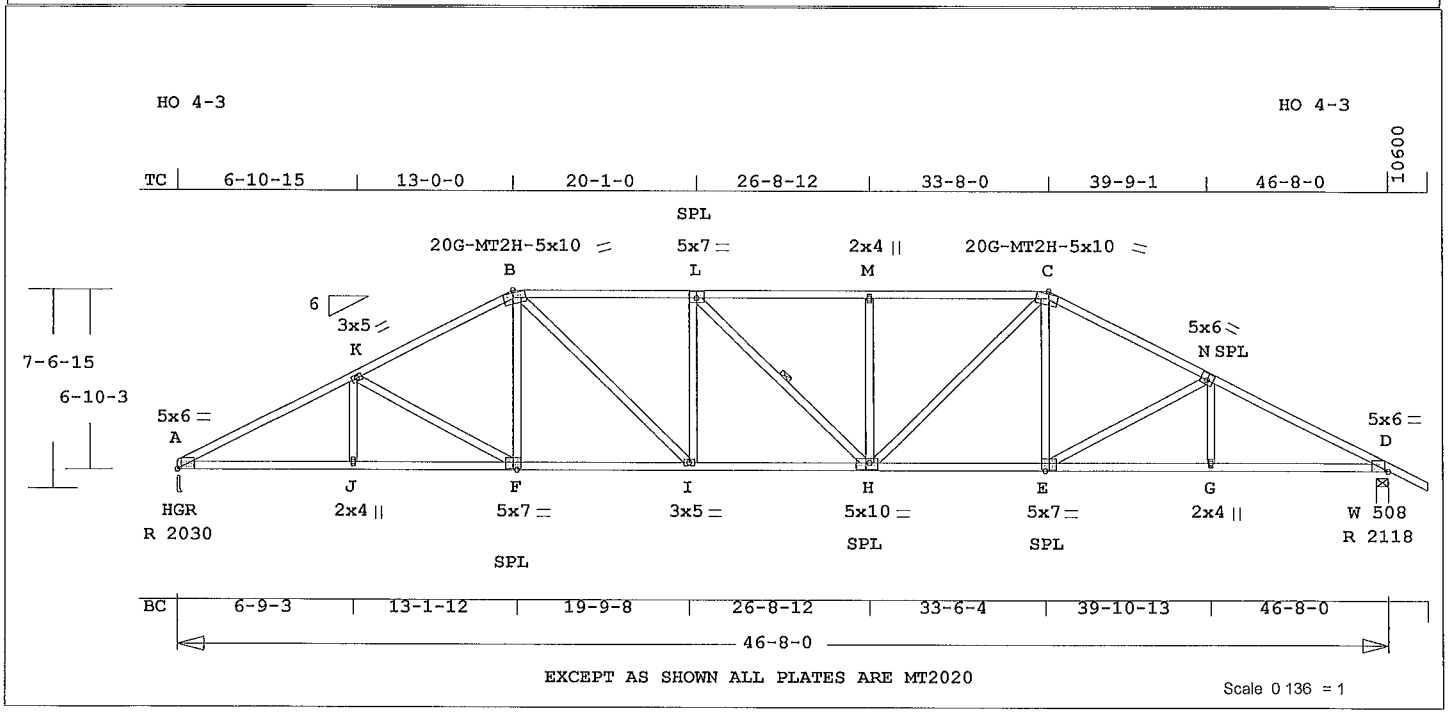


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A9	1	HIPP	460800	6	0	1- 6- 0	T5054351

WHIDDON



EXCEPT AS SHOWN ALL PLATES ARE MT2020

Scale 0 136 = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 322 3 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 94	2x 4	SP-#2
BC	0 93	2x 4	SP-#2
--	0 69	2x 4	SP-#1
	F -H		
WB	0 44	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	102 0"	0- 0- 0	46- 8- 0

Continuous Lateral Restraint req'd at mid-point of webs L -H
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	2030		103 R
D	2118		103 R

Jt	Brg Size	Required
A	3 5"	2 4"
D	5 5"	2 5"

Plus 21 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 -K	0 61	3848 C	0 26 0 35
K -B	0 66	3352 C	0 31 0 35
B -L	0 94	3674 C	0 32 0 62
L -M	0 57	3644 C	0 11 0 46
M -C	0 94	3644 C	0 32 0 62
C -N	0 66	3333 C	0 31 0 35
N -D	0 60	3824 C	0 26 0 34
Bottom Chords			
A -J	0 87	3437 T	0 70 0 17
J -F	0 91	3437 T	0 70 0 21
F -I	0 60	2995 T	0 41 0 19
I -H	0 69	3674 T	0 50 0 19
H -E	0 86	2978 T	0 61 0 25
E -G	0 93	3416 T	0 70 0 23
G -D	0 88	3416 T	0 70 0 18
Webs			
J -K	0 04	244 T	
K -F	0 44	501 C	
F -B	0 10	460 T	
B -I	0 21	938 T	
I -L	0 30	399 C	
L -H	0 02	69 C	1 Br
H -M	0 32	427 C	
H -C	0 20	920 T	
E -C	0 10	464 T	
E -N	0 44	499 C	
G -N	0 04	243 T	

TL Defl -0 86" in I -H L/641
LL Defl -0 39" in I -H L/999
Shear // Grain in B -L 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 6 0	1 4	0 6	0 90
K	MT20	3 0x 5 0	Ctr	Ctr	0 36
B	MT2H	5 0x10 0 0	8-3	6 0	0 93
L	MT20	5 0x 7 0	Ctr	0 5	0 86
M	MT20	2 0x 4 0	Ctr	Ctr	0 34
C	MT2H	5 0x10 0-0	8-3	6 0	0 93
N	MT20	5 0x 6 0	0 2	0 5	0 81
D	MT20	5 0x 6 0-1	4 0	6 0	0 90
J	MT20	2 0x 4 0	Ctr	Ctr	0 34
F	MT20	5 0x 7 0	Ctr-0	5 0	0 97
I	MT20	3 0x 5 0	Ctr	Ctr	0 58
H	MT20	5 0x10 0 0	5-0	5 0	0 94
E	MT20	5 0x 7 0	Ctr-0	5 0	0 96
G	MT20	2 0x 4 0	Ctr	Ctr	0 34

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

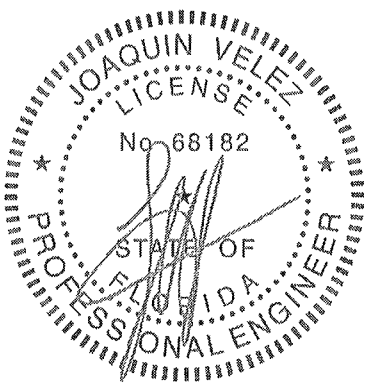
REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010

TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

Max comp force 3848 Lbs
Max tens force 3674 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

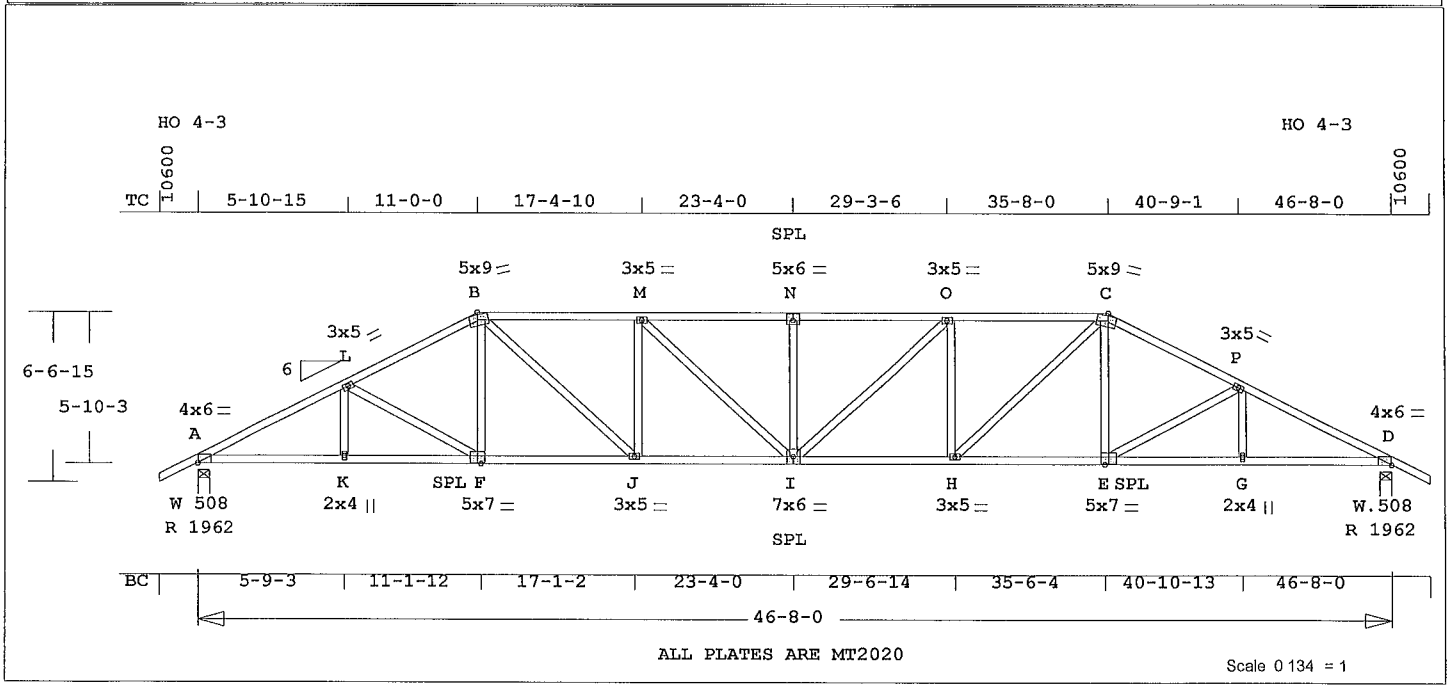


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A10	1	HIPP	460800	6	1- 6- 0	1- 6- 0	T5054352

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 328 9 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 66	2x 4	SP-#2
BC	0 85	2x 4	SP-#2
WB	0 33	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
or	30 0"	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	102 0"	0- 0- 0	46- 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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1963		86 R
D	1963		86 R

Jt	Brg Size	Required
A	5 5"	2 3"
D	5 5"	2 3"

Plus 21 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 -L	0 45	3531 C	0 11 0 34
L -B	0 39	3143 C	0 18 0 21
B -M	0 66	3644 C	0 26 0 40
M -N	0 50	3904 C	0 13 0 37
N -O	0 50	3904 C	0 13 0 37
O -C	0 66	3644 C	0 26 0 40
C -P	0 39	3143 C	0.08 0 31
P -D	0 46	3531 C	0 11 0 35
Bottom Chords			
A -K	0 83	3149 T	0 64 0.19
K -F	0 77	3149 T	0 64 0.13
F -J	0 68	2812 T	0 57 0 11
J -I	0 85	3644 T	0.74 0.11
I -H	0 85	3644 T	0 74 0.11
H -E	0 68	2812 T	0 57 0 11
E -G	0 77	3150 T	0 64 0 13
G -D	0 83	3150 T	0.64 0 19
Webs			
K -L	0 03	188 T	
L -F	0 24	387 C	
F -B	0 06	371 T	
B -J	0 25	1117 T	
J -M	0 33	625 C	
M -I	0 07	352 T	
I -N	0 19	354 C	
I -O	0 07	352 T	
H -O	0 33	625 C	
H -C	0 25	1117 T	
E -C	0 06	371 T	
E -P	0 24	387 C	
G -P	0 03	188 T	

TL Defl -0 93" in I -H L/589
LL Defl -0 37" in J -I L/999
Shear // Grain in B -M 0 26

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

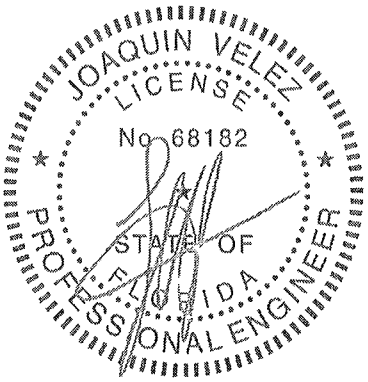
Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	Ctr	0 1	0 95
L	MT20	3 0x 5 0	Ctr	Ctr 0	36
B	MT20	5 0x 9 0 0	8-3 5		0.88
M	MT20	3 0x 5 0	Ctr	Ctr	0.33
N	MT20	5 0x 6 0	Ctr	0 5	0.87
O	MT20	3 0x 5 0	Ctr	Ctr 0	33
C	MT20	5 0x 9 0-0	8-3 5		0.88
P	MT20	3.0x 5 0	Ctr	Ctr 0	36
D	MT20	4 0x 6 0	Ctr	0 1	0 95
K	MT20	2 0x 4 0	Ctr	Ctr 0	34
F	MT20	5 0x 7 0	Ctr-0	5	0.85
J	MT20	3 0x 5 0	Ctr	Ctr 0	68
I	MT20	7 0x 6 0	Ctr	Ctr 0	94
H	MT20	3 0x 5 0	Ctr	Ctr 0	68
E	MT20	5 0x 7 0	Ctr-0	5 0	85
G	MT20	2 0x 4 0	Ctr	Ctr	0.34

REVIEWED BY·
MiTek Industries, Inc
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES·
Trusses Manufactured by
Mayo Truss Co Inc
Analysis Conforms To·
FBC2010
TPI 2007

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 7-10
Truss is designed as
Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
Max comp force 3904 Lbs
Max tens force 3644 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

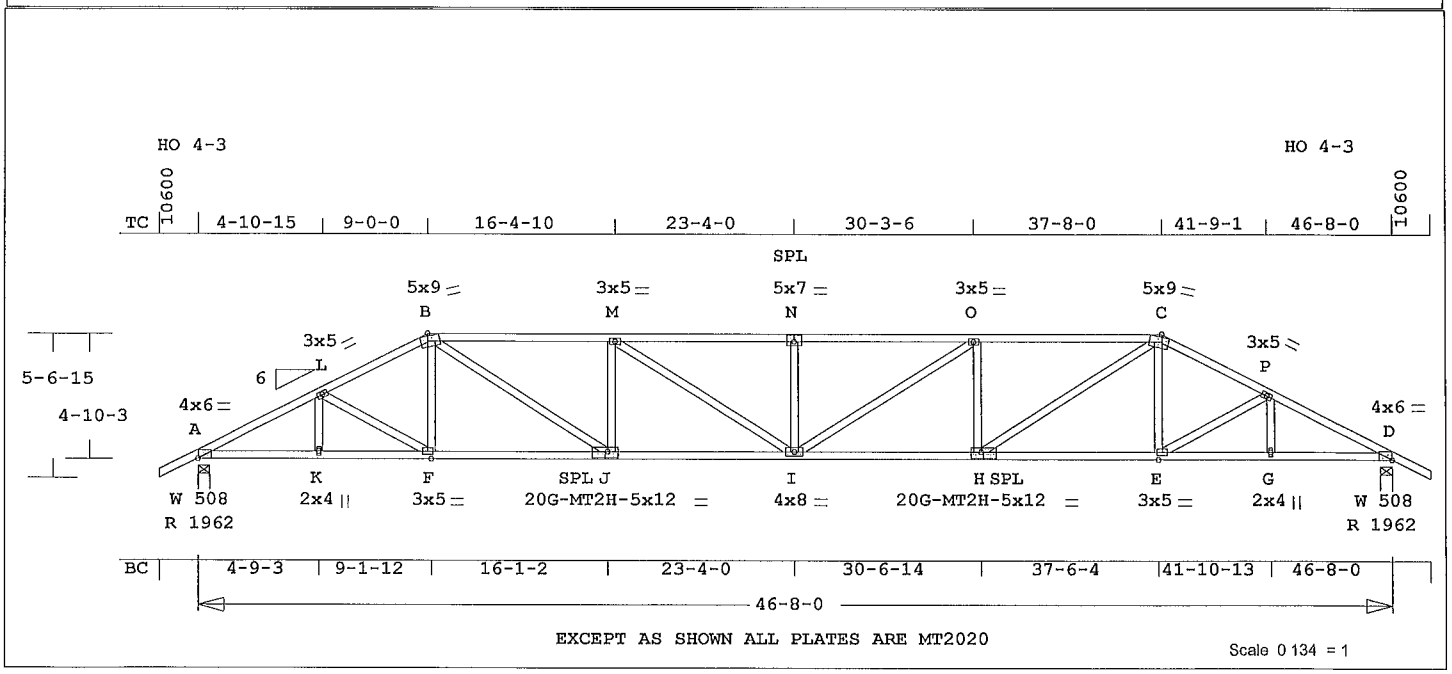


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A11	1	HIPP	460800	6	1- 6- 0	1- 6- 0	T5054353

WHIDDON



EXCEPT AS SHOWN ALL PLATES ARE MT2020

Scale 0 134 = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 313 9 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 92	2x 4	SP-#1
--	0 43	2x 4	SP-#2
	A -B	C -D	
BC	0 87	2x 4	SP-#2
--	0 71	2x 4	SP-#1
	J -H		
WB	0 36	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	102 0"	0- 0- 0	46- 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

	Fb	Fc	Ft	Emin
TC	1 15	1.10	1 10	1 10
BC	1 10	1.10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1963		71 R
D	1963		70 R

Jt	Brg Size	Required
A	5 5"	2 3"
D	5 5"	2 3"

Plus 21 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 -L	0 43	3548 C	0 11 0.32
L -B	0.38	3305 C	0 09 0.29
B -M	0 92	4347 C	0 40 0 52
M -N	0 67	4777 C	0 34 0 33
N -O	0 67	4777 C	0 34 0.33
O -C	0 92	4347 C	0.40 0 52
C -P	0 38	3305 C	0 09 0 29
P -D	0.43	3547 C	0 11 0 32
--------Bottom Chords---------			
A -K	0 87	3157 T	0.64 0 23
K -F	0 78	3157 T	0 64 0.14
F -J	0.75	2966 T	0 60 0 15
J -I	0 71	4347 T	0 60 0 11
I -H	0 71	4347 T	0 60 0 11
H -E	0 75	2965 T	0 60 0 15
E -G	0 78	3157 T	0 64 0 14
G -D	0 87	3157 T	0 64 0 23
----------Webs----------			
K -L	0 02	112 T	
L -F	0 09	230 C	
F -B	0 06	326 T	
B -J	0 36	1631 T	
J -M	0 26	724 C	
M -I	0 11	512 T	
I -N	0 15	414 C	
I -O	0 11	512 T	
H -O	0 26	724 C	
H -C	0 36	1631 T	
E -C	0 06	326 T	
E -P	0 09	230 C	
G -P	0 02	112 T	

TL Defl -1 14" in J -I L/480
LL Defl -0 45" in J -I L/999
Shear // Grain in B -M 0 29

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

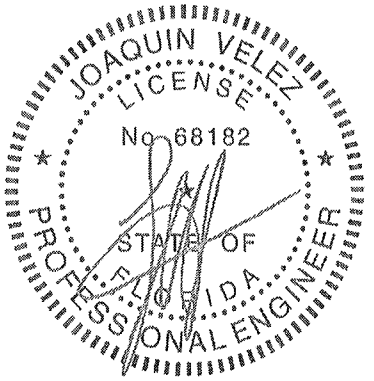
Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	Ctr 0	1 0	95
L	MT20	3 0x 5 0	Ctr Ctr	0	36
B	MT20	5 0x 9.0	1.3-3 5	0	88
M	MT20	3 0x 5 0	Ctr Ctr	0	33
N	MT20	5 0x 7 0	Ctr 0 5	0	92
O	MT20	3 0x 5 0	Ctr Ctr	0	33
C	MT20	5 0x 9 0	-1 3-3 5	0	88
P	MT20	3 0x 5 0	Ctr Ctr	0	36
D	MT20	4 0x 6.0	Ctr 0 1	0	95
K	MT20	2.0x 4.0	Ctr Ctr	0	34
F	MT20	3 0x 5 0	Ctr Ctr	0	33
J	MT2H	5 0x12 0	Ctr-0 5	0	82
I	MT20	4 0x 8 0	Ctr Ctr	0.23	
H	MT2H	5 0x12 0	Ctr-0 5	0	82
E	MT20	3 0x 5 0	Ctr Ctr	0	33
G	MT20	2 0x 4 0	Ctr Ctr	0	34

REVIEWED BY:
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES·
Trusses Manufactured by
Mayo Truss Co. Inc
Analysis Conforms To
FBC2010

TPI 2007
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 7-10
Truss is designed as
Components and Claddings* for Exterior zone location
Wind Speed· 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type· Enclosed
TC Dead Load· 6 0 psf
BC Dead Load 6 0 psf
Max comp force 4777 Lbs
Max tens force 4347 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

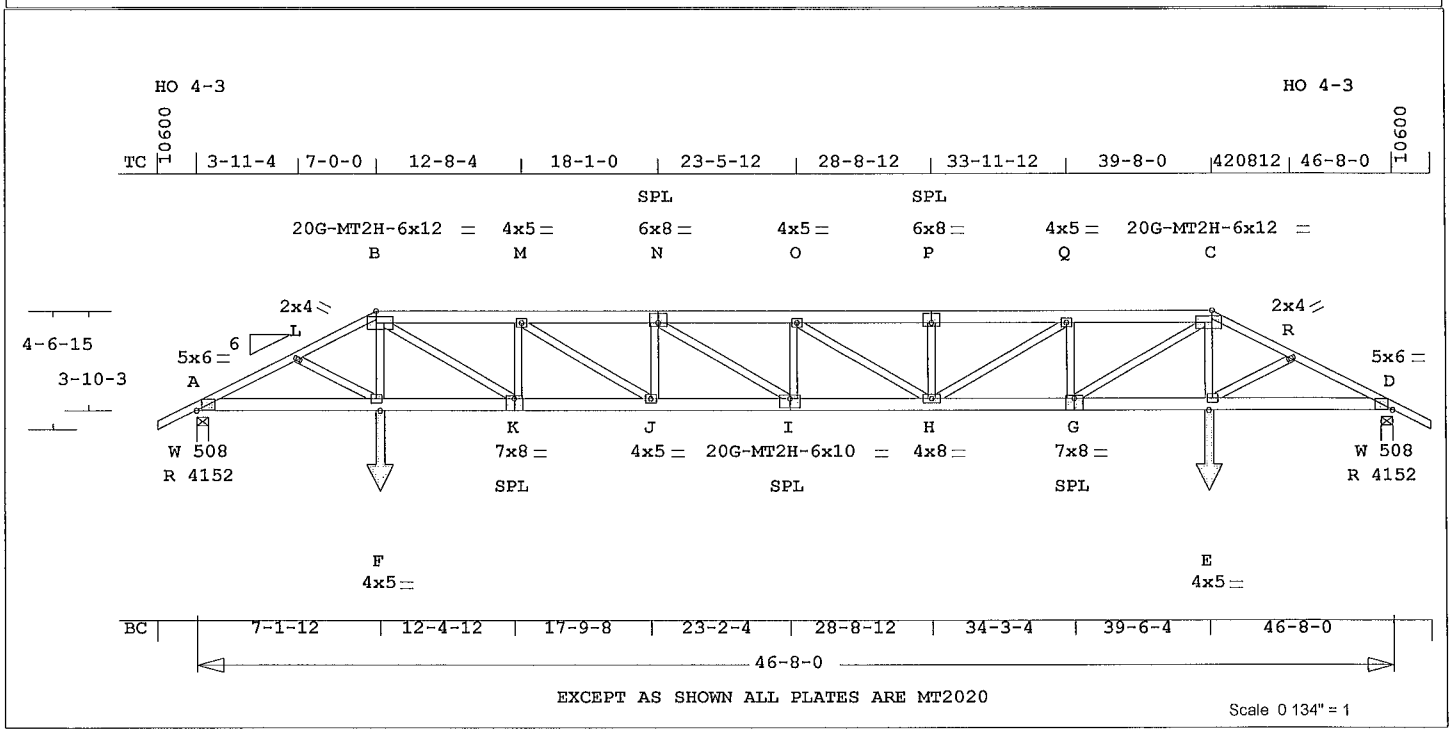


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A12GIR	1*2P	HIPP	460800	6	1- 6- 0	1- 6- 0	T5054354

WHIDDON



EXCEPT AS SHOWN ALL PLATES ARE MT2020

Scale 0 134" = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 380 1 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13
****
* 2-Ply Truss *
****

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

CSI	-Size-	----Lumber----
TC 0 50	2x 6	SP-#2
-- 0 49	2x 4	SP-#2
A -B	C -D	
BC 0 56	2x 6	SP-SS
WB 0 55	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	46- 8- 0
or	42 0"	0- 0- 0	46- 8- 0
BC	Cont	0- 0- 0	46- 8- 0
or	120 0"	0- 0- 0	46- 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

	Fb	Fc	Ft	Emin
TC	1 00	1 00	1 00	1 00
BC	1 00	1 00	1 00	1 00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	4152		53 R
D	4152		54 R

Jt	Brg Size	Required
A	5 5"	2 4"
D	5 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'	46 7'
BC V	20	0	0 0'	46 7'
TC V	25	50	7 0'	39 7'
BC V	25	0	7 1'	39 5'
BC V	280	280	7 1'	CL-LB
BC V	280	280	39 5'	CL-LB

Plus 21 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 -L	0 41	8400 C	0 21 0 20
L -B	0 49	8351 C	0 18 0 31
B -M	0 43	11707 C	0 19 0 24
M -N	0 44	13965 C	0 26 0 18
N -O	0 50	14752 C	0 29 0 21
O -P	0 47	13946 C	0 26 0 21
P -Q	0 45	13946 C	0 26 0 19
Q -C	0 43	11710 C	0 19 0 24
C -R	0 49	8351 C	0 18 0 31
R -D	0 41	8400 C	0 21 0 20
--------Bottom Chords---------			
A -F	0 29	7475 T	0 24 0 05
F -K	0 31	7501 T	0 25 0 06
K -J	0 44	11705 T	0 39 0 05
J -I	0 53	13964 T	0 46 0 07
I -H	0 56	14751 T	0 49 0 07
H -G	0 45	11709 T	0 39 0 06
G -E	0 31	7501 T	0 25 0 06
E -D	0 29	7475 T	0 24 0 05
----------Webs----------			
L -F	0 01	140 T	
F -B	0 07	721 T	
B -K	0 55	4890 T	
K -M	0 14	2210 C	
M -J	0 30	2667 T	
J -N	0 07	1200 C	
N -I	0 10	929 T	
I -O	0 01	236 C	
O -H	0 14	951 C	
H -P	0 04	696 C	
H -Q	0 29	2641 T	
G -Q	0 14	2201 C	
G -C	0 55	4894 T	
E -C	0 07	720 T	
E -R	0 01	140 T	

TL Defl -1 45" in I -H L/379
LL Defl -0 58" in I -H L/947
Shear // Grain in B -M 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	5 0x 6 0	Ctr-0	1 0	98
L	MT20	2 0x 4 0	Ctr	Ctr 0	14
B	MT2H	6 0x12 0	Ctr	Ctr 0	94
M	MT20	4 0x 5 0	Ctr	Ctr 0	59
N	MT20	6 0x 8 0	Ctr	1 2 0	52
O	MT20	4 0x 5 0	Ctr	Ctr 0	19
P	MT20	6 0x 8 0	Ctr	1 2 0	49
Q	MT20	4 0x 5 0	Ctr	Ctr 0	58
C	MT2H	6 0x12 0	Ctr	Ctr 0	94
R	MT20	2 0x 4 0	Ctr	Ctr 0	14
D	MT20	5 0x 6 0	Ctr-0	1 0	98
F	MT20	4 0x 5 0	Ctr	Ctr 0	18
K	MT20	7 0x 8 0	Ctr-2	0 0	98
J	MT20	4 0x 5 0	Ctr	Ctr 0	59
I	MT2H	6 0x10 0	Ctr-1	2 0	97
H	MT20	4 0x 8 0	Ctr	Ctr 0	65
G	MT20	7 0x 8 0	Ctr-2	0 0	98
E	MT20	4 0x 5 0	Ctr	Ctr 0	18

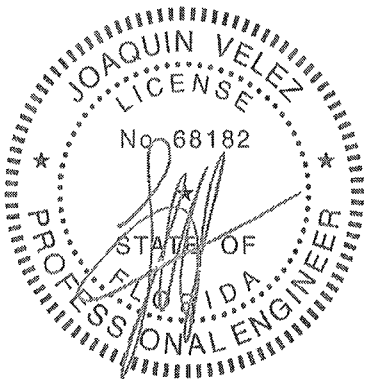
REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by
Mayo Truss Co Inc
Analysis Conforms To
FBC2010
TPI 2007
Girder Step Down Hip
Framing King Jacks
Jack Open Faced
Setback 7- 0- 0
2 COMPLETE TRUSSES REQUIRED
Fasten plies together in staggered pattern

Connector	Rows	Spacing
TC 10d Gun Nails	2	12 0 in
BC 10d Gun Nails	2	12 0 in
WB 10d Gun Nails	1	8 0 in

TC Connection Exception -- Space connectors for the following top chords -
A -B 1 rows @ 12 0" o c
C -D 1 rows @ 12 0" o c
10d gun nails (0 131"x3") must be installed as noted above, as each layer is applied
Plus clusters of nails where shown
OH Loading
Soffit psf 2 0
Design checked for 10 psf non-concurrent LL on BC
Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
Max comp force 14752 Lbs
Max tens force 14751 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

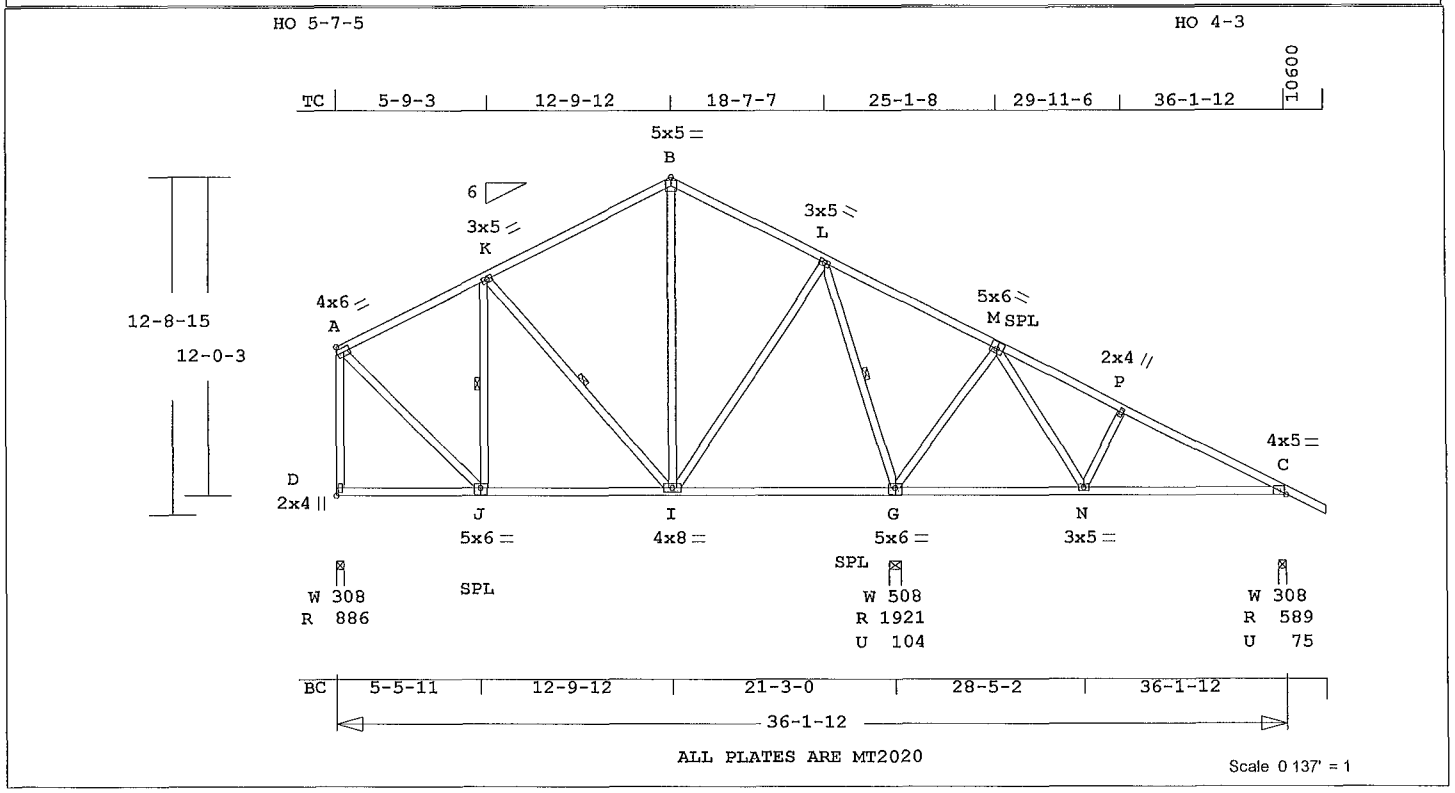


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A13	1	TR	360112	6	0	1- 6- 0	T5054355

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 294 2 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 53	2x 4	SP-#2
BC	0 57	2x 4	SP-#2
WB	0 48	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	48 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	120 0"	0- 0- 0	36- 1-12

Continuous Lateral Restraint req'd at mid-point of webs
J -K K -I L -G
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
D	886		232 R
G	1921	104 U	
C	589	76 U	158 R

Jt	Brg Size	Required
D	3 5"	1 5"
G	5 5"	2 1"
C	3 5"	1 5"

Plus 21 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 -K	0 51	526 C	0 00 0 51
K -B	0 53	418 C	0 00 0 53
B -L	0 38	415 C	0 00 0 38
L -M	0 46	271 T	0 07 0 39
M -P	0 31	421 C	0 00 0 31
P -C	0 35	564 C	0 00 0 35
Bottom Chords			
D -J	0 24	225 T	0 00 0 24
J -I	0 57	541 T	0 10 0 47
I -G	0 57	217 T	0 01 0 56
G -N	0 52	141 T	0 02 0 50
N -C	0 39	514 T	0 06 0 33
Webs			
D -A	0 43	850 C	WindLd
A -J	0 15	687 T	
J -K	0 07	243 C	1 Br
K -I	0 11	226 C	1 Br
I -B	0 01	106 T	
I -L	0 11	508 T	
L -G	0 45	1157 C	1 Br
G -M	0 48	596 C	
M -N	0 29	537 T	
N -P	0 06	301 C	

TL Defl -0 16" in N -C L/999
LL Defl -0 07" in N -C L/999
Shear // Grain in K -B 0 27

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	0 1	Ctr	0 72
K	MT20	3 0x 5 0	Ctr	Ctr	0 36
B	MT20	5 0x 5 0	Ctr	Ctr	0 60
L	MT20	3 0x 5 0	Ctr	Ctr	0 66
M	MT20	5 0x 6 0	0 2	0 5	0 60
P	MT20	2 0x 4 0	Ctr	Ctr	0 34
C	MT20	4 0x 5 0	Ctr	0 1	0 38
D	MT20	2 0x 4 0	Ctr	Ctr	0 30
J	MT20	5 0x 6 0	Ctr-0	5 0	0 54
I	MT20	4 0x 8 0	Ctr	Ctr	0 25
G	MT20	5 0x 6 0	Ctr-0	5 0	0 94
N	MT20	3 0x 5 0	Ctr	Ctr	0 36

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

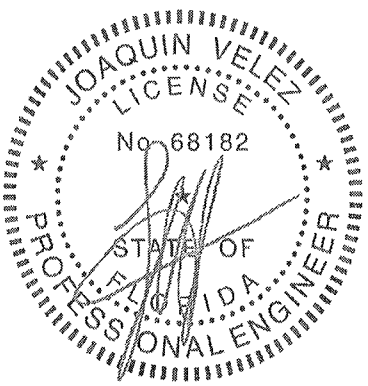
NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
OH Loading Soffit psf 2 0
This truss has been designed for 20 0 psf LL on the B C in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B C and any other member
Design checked for 10 psf non-concurrent LL on BC
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

User-defined wind-exposed BC regions

--From--	---To---
21- 3- 0	36- 1-12

Max comp force 1157 Lbs
Max tens force 687 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

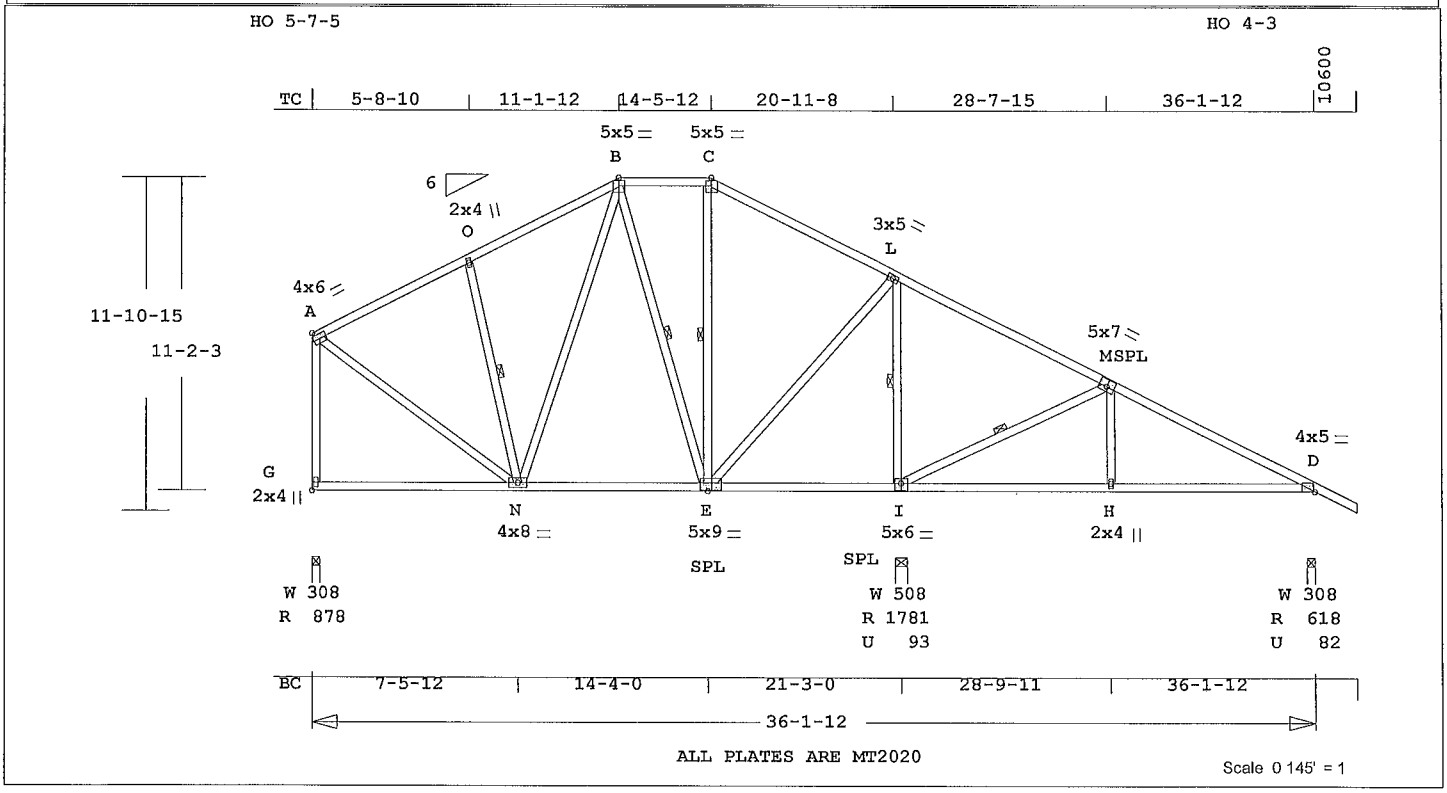


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A14	1	HIPP	360112	6	0	1- 6- 0	TS054356

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 305 3 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 60	2x 4	SP-#2
BC	0 46	2x 4	SP-#2
WB	0 42	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	48 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	72 0"	0- 0- 0	36- 1-12

Continuous Lateral Restraint req'd at mid-point of webs
O -N B -E E -C I -L I -M
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
G	879		220 R
I	1781	93 U	
D	619	83 U	146 R

Jt	Brg Size	Required
G	3 5"	1 5"
I	5 5"	2 0"
D	3 5"	1 5"

Plus 21 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 -O	0 39	608 C	0 00 0 39
O -B	0 38	547 C	0 00 0 38
B -C	0 14	364 C	0 00 0 14
C -L	0 55	423 C	0 00 0 55
L -M	0 60	129 T	0 04 0 56
M -D	0 58	591 C	0 00 0 58
Bottom Chords			
G -N	0 40	225 T	0 00 0 40
N -E	0 46	435 T	0 08 0 38
E -I	0 35	228 T	0 00 0 35
I -H	0 40	542 T	0 06 0 34
H -D	0 41	542 T	0 11 0 30
Webs			
G -A	0 42	824 C	WindLd
A -N	0 18	690 T	
O -N	0 12	358 C	1 Br
N -B	0 22	236 T	
B -E	0 12	213 C	1 Br
E -C	0 05	107 C	1 Br
E -L	0 16	715 T	
I -L	0 34	1231 C	1 Br
I -M	0 24	727 C	1 Br
H -M	0 06	321 T	

TL Defl -0 20" in G -N L/999
LL Defl -0 10" in G -N L/999
Shear // Grain in M -D 0 28

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 1	Ctr 0	70
O	MT20	2 0x 4 0	Ctr	Ctr 0	30
B	MT20	5 0x 5 0	Ctr-0 2	0	51
C	MT20	5 0x 5 0	Ctr-0 2	0	56
L	MT20	3 0x 5 0	Ctr	Ctr 0	59
M	MT20	5 0x 7 0	0 2	0 5 0	87
D	MT20	4 0x 5 0	Ctr 0 1	0	38
G	MT20	2 0x 4 0	Ctr	Ctr 0	30
N	MT20	4 0x 8 0	Ctr	Ctr 0	39
E	MT20	5 0x 9 0-0	5-0 5	0	58
I	MT20	5 0x 6 0	Ctr-0 5	0	68
H	MT20	2 0x 4 0	Ctr	Ctr 0	34

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

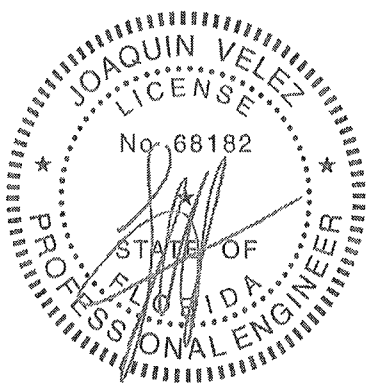
NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
OH Loading Soffit psf 2 0
This truss has been designed for 20 0 psf LL on the B C in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B C and any other member
Design checked for 10 psf non-concurrent LL on BC
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

User-defined wind-exposed BC regions

	--From--	---To---
	21- 3- 0	36- 1-12

Max comp force 1231 Lbs
Max tens force 715 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

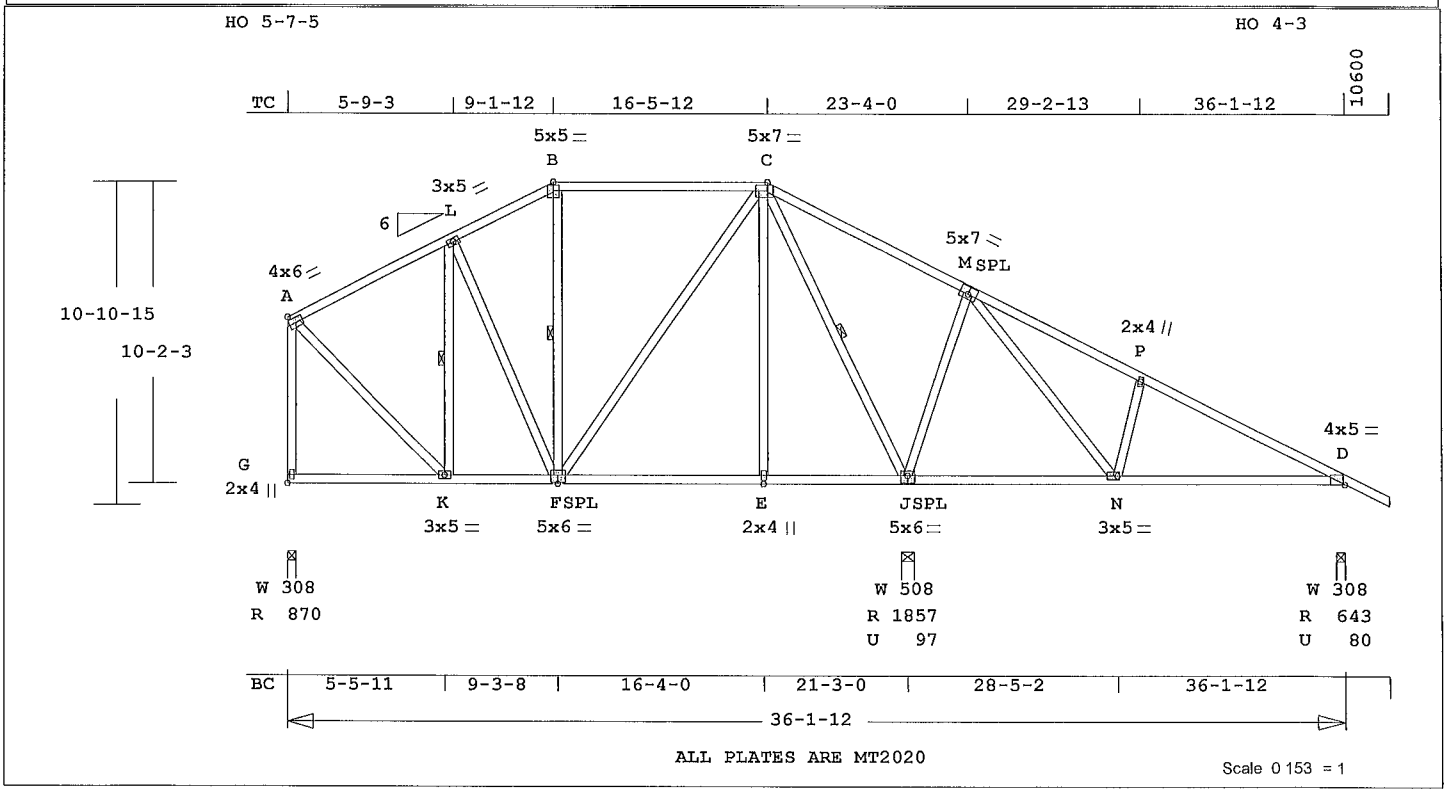


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A15	1	HIPP	360112	6	0	1- 6- 0	T5054357

WHIDDON



Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 51	2x 4	SP-#2
BC	0 46	2x 4	SP-#2
WB	0 61	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	48 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	120 0"	0- 0- 0	36- 1-12

Continuous Lateral Restraint req'd at mid-point of webs
K -L F -B C -J
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
G	871		204 R
J	1858	97 U	
D	643	80 U	131 R

Jt	Brg Size	Required
G	3 5"	1 5"
J	5 5"	2 1"
D	3 5"	1 5"

Plus 21 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 -L	0 41	495 C	0 00 0 41
L -B	0 27	541 C	0 00 0 27
B -C	0 50	477 C	0 00 0 50
C -M	0 51	155 T	0 01 0 50
M -P	0 46	565 C	0 00 0 46
P -D	0 43	655 C	0 00 0 43
Bottom Chords			
G -K	0 22	225 T	0 00 0 22
K -F	0 34	493 T	0 09 0 25
F -E	0 46	349 T	0 07 0 39
E -J	0 39	349 T	0 07 0 32
J -N	0 36	117 T	0 00 0 36
N -D	0 46	594 T	0 12 0 34
Webs			
G -A	0 42	818 C	WindLd
A -K	0 14	635 T	
K -L	0 11	373 C	1 Br
L -F	0 08	113 T	
F -B	0 02	62 T	1 Br
F -C	0 22	246 T	
E -C	0 07	316 T	
C -J	0 61	1114 C	1 Br
J -M	0 55	680 C	
M -N	0 55	717 T	
N -P	0 08	351 C	

MiTek® Online Plus™ APPROX TRUSS WEIGHT 313 1 LBS

TL Defl -0 17" in N -D L/999
LL Defl -0 08" in F -E L/999
Shear // Grain in B -C 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	4 0x 6 0	0 1	Ctr	0 69
L	MT20	3 0x 5 0	Ctr	Ctr	0 39
B	MT20	5 0x 5 0	Ctr-0	2 0	0 54
C	MT20	5 0x 7 0	0 5-0	1 0	0 82
M	MT20	5 0x 7 0	0 2	0 5	0 69
P	MT20	2 0x 4 0	Ctr	Ctr	0 30
D	MT20	4 0x 5 0	Ctr	0 1	0 38
G	MT20	2 0x 4 0	Ctr	Ctr	0 30
K	MT20	3 0x 5 0	Ctr	Ctr	0 39
F	MT20	5 0x 6 0	Ctr-0	5 0	0 60
E	MT20	2 0x 4 0	Ctr	Ctr	0 34
J	MT20	5 0x 6 0	Ctr-0	5 0	0 57
N	MT20	3 0x 5 0	Ctr	Ctr	0 42

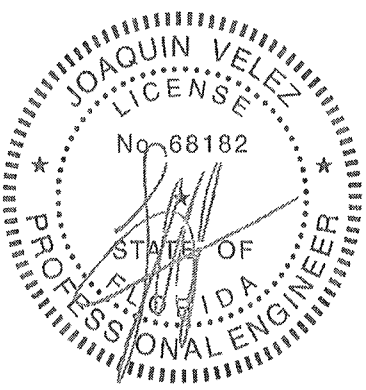
REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

User-defined wind-exposed BC regions --From-- ---To---
21- 3- 0 36- 1-12
Max comp force 1114 Lbs
Max tens force 717 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

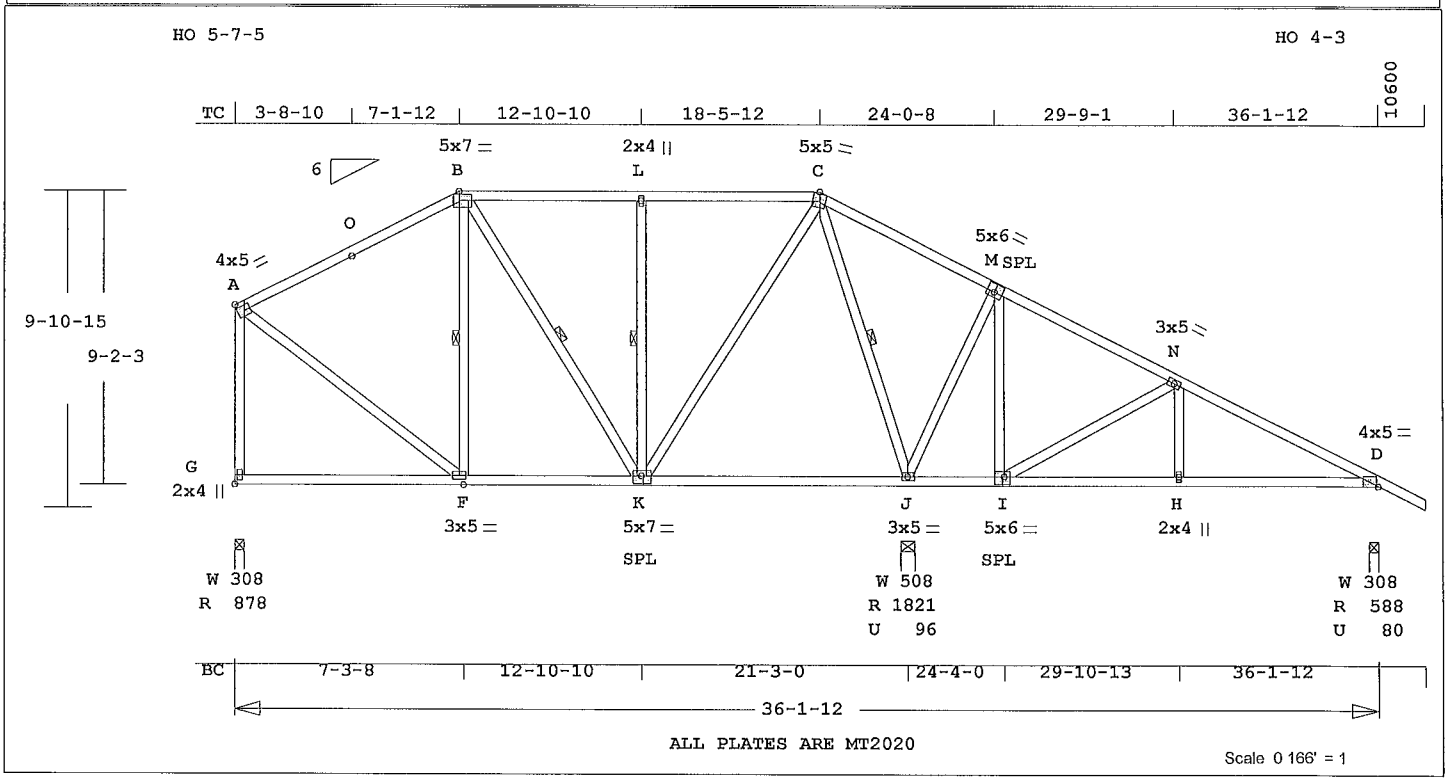


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A16	1	HIPP	360112	6	0	1- 6- 0	T5054358

WHIDDON



Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	Size	Lumber
TC	0 82	2x 4	SP-#2
BC	0 60	2x 4	SP-#2
WB	0 45	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	48 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	120 0"	0- 0- 0	36- 1-12

Continuous Lateral Restraint req'd at mid-point of webs F -B B -K K -L C -J
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
G	878		190 R
J	1821	97 U	
D	589	80 U	116 R

Jt	Brg Size	Required
G	3 5"	1 5"
J	5 5"	2 0"
D	3 5"	1 5"

Plus 21 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 -B	0 82	547 C	0 01 0 81
B -L	0 29	495 C	0 00 0 29
L -C	0 34	495 C	0 00 0 34
C -M	0 41	209 T	0 02 0 39
M -N	0 37	120 T	0 00 0 37
N -D	0 35	593 C	0 00 0 35
Bottom Chords			
G -F	0 38	226 T	0 00 0 38
F -K	0 51	511 T	0 10 0 41
K -J	0 60	228 T	0 02 0 58
J -I	0 51	98 T	0 00 0 51
I -H	0 30	537 T	0 06 0 24
H -D	0 32	537 T	0 11 0 21
Webs			
G -A	0 45	818 C	WindLd
A -F	0 14	623 T	
F -B	0 06	166 C	1 Br
B -K	0 03	86 T	1 Br
K -L	0 11	310 C	1 Br
K -C	0 19	691 T	
C -J	0 42	1051 C	1 Br
J -M	0 44	560 C	
I -M	0 18	307 T	
I -N	0 41	562 C	
H -N	0 05	269 T	

MiTek® Online Plus™ APPROX TRUSS WEIGHT 299 7 LBS

TL Defl -0 22" in K -J L/999
LL Defl -0 11" in K -J L/999
Shear // Grain in A -B 0 26

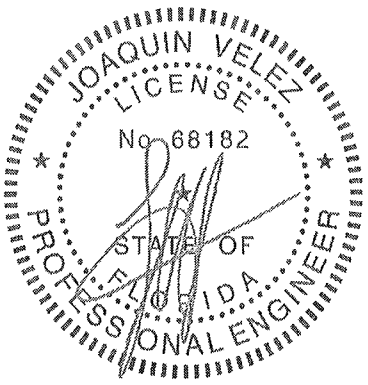
Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 5 0	Ctr	Ctr	0 57
B	MT20	5 0x 7 0-0	5-0	1 0	64
L	MT20	2 0x 4 0	Ctr	Ctr	0 34
C	MT20	5 0x 5 0-0	3-3	2 0	85
M	MT20	5 0x 6 0 0	2 0	5 0	71
N	MT20	3 0x 5 0	Ctr	Ctr	0 36
D	MT20	4 0x 5 0	Ctr	0 1	0 38
G	MT20	2 0x 4 0	Ctr	Ctr	0 30
F	MT20	3 0x 5 0	Ctr	Ctr	0 37
K	MT20	5 0x 7 0-0	5-0	5 0	76
J	MT20	3 0x 5 0	0 2	Ctr	0 48
I	MT20	5 0x 6 0	Ctr-0	5 0	41
H	MT20	2 0x 4 0	Ctr	Ctr	0 34

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
User-defined wind-exposed BC regions --From-- ---To---
21- 3- 0 36- 1-12
Max comp force 1051 Lbs
Max tens force 691 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

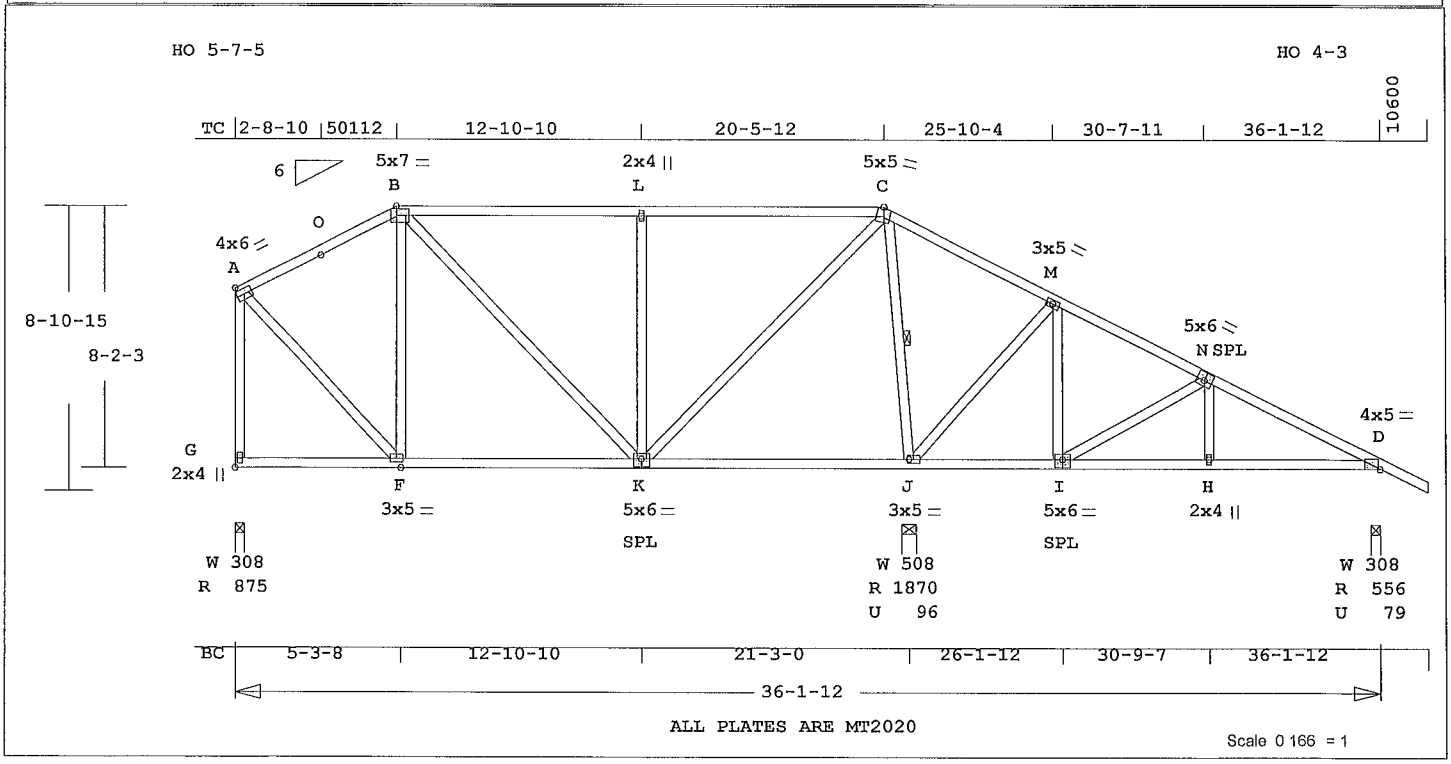


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A17	1	HIPP	360112	6	0	1- 6- 0	T5054359

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 287 1 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 63	2x 4	SP-#2
BC	0 53	2x 4	SP-#2
WB	0 53	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	48 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	72 0"	0- 0- 0	36- 1-12

Continuous Lateral Restraint req'd at mid-point of webs C -J
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
G	876		174 R
J	1871	96 U	
D	556	80 U	100 R

Jt	Brg Size	Required
G	3 5"	1 5"
J	5 5"	2 1"
D	3 5"	1 5"

Plus 21 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 -B	0 32	508 C	0 00 0 32
B -L	0 63	536 C	0 00 0 63
L -C	0 62	536 C	0 00 0 62
C -M	0 35	275 T	0 04 0 31
M -N	0 30	172 T	0 00 0 30
N -D	0 23	576 C	0 00 0 23
Bottom Chords			
G -F	0 28	226 T	0 00 0 28
F -K	0 53	477 T	0 09 0 44
K -J	0 49	266 T	0 00 0 49
J -I	0 44	132 T	0 02 0 42
I -H	0 22	521 T	0 10 0 12
H -D	0 24	521 T	0 10 0 14
Webs			
G -A	0 43	848 C	WindLd
A -F	0 15	671 T	
F -B	0 25	230 C	
B -K	0 10	107 T	
K -L	0 53	491 C	
K -C	0 33	962 T	
C -J	0 35	1177 C	1 Br
J -M	0 46	553 C	
I -M	0 11	320 T	
I -N	0 23	460 C	
H -N	0 04	221 T	

TL Defl -0 19" in K -J L/999
LL Defl -0 09" in K -J L/999
Shear // Grain in B -L 0 32

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	0 1	Ctr 0	72
B	MT20	5 0x 7 0	0-0 5-0	1 0	52
L	MT20	2 0x 4 0	Ctr Ctr	0	34
C	MT20	5 0x 5 0	0-0 3-3	2 0	94
M	MT20	3 0x 5 0	Ctr Ctr	0	36
N	MT20	5 0x 6 0	0 2 0 5	0	43
D	MT20	4 0x 5 0	Ctr 0 1	0	38
G	MT20	2 0x 4 0	Ctr Ctr	0	30
F	MT20	3 0x 5 0	Ctr Ctr	0	41
K	MT20	5 0x 6 0	Ctr-0 5	0	89
J	MT20	3 0x 5 0	Ctr Ctr	0	42
I	MT20	5 0x 6 0	Ctr-0 5	0	39
H	MT20	2 0x 4 0	Ctr Ctr	0	34

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

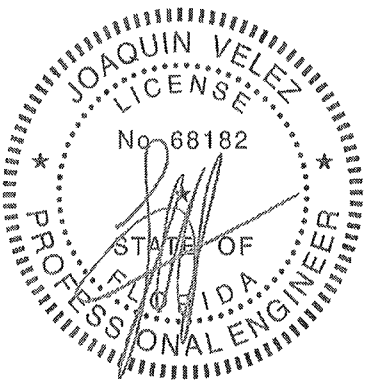
NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
OH Loading Soffit psf 2 0
This truss has been designed for 20 0 psf LL on the B C in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B C and any other member
Design checked for 10 psf non-concurrent LL on BC
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

User-defined wind-exposed BC regions

--From--	---To---
21- 3- 0	36- 1-12

Max comp force 1177 Lbs
Max tens force 962 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

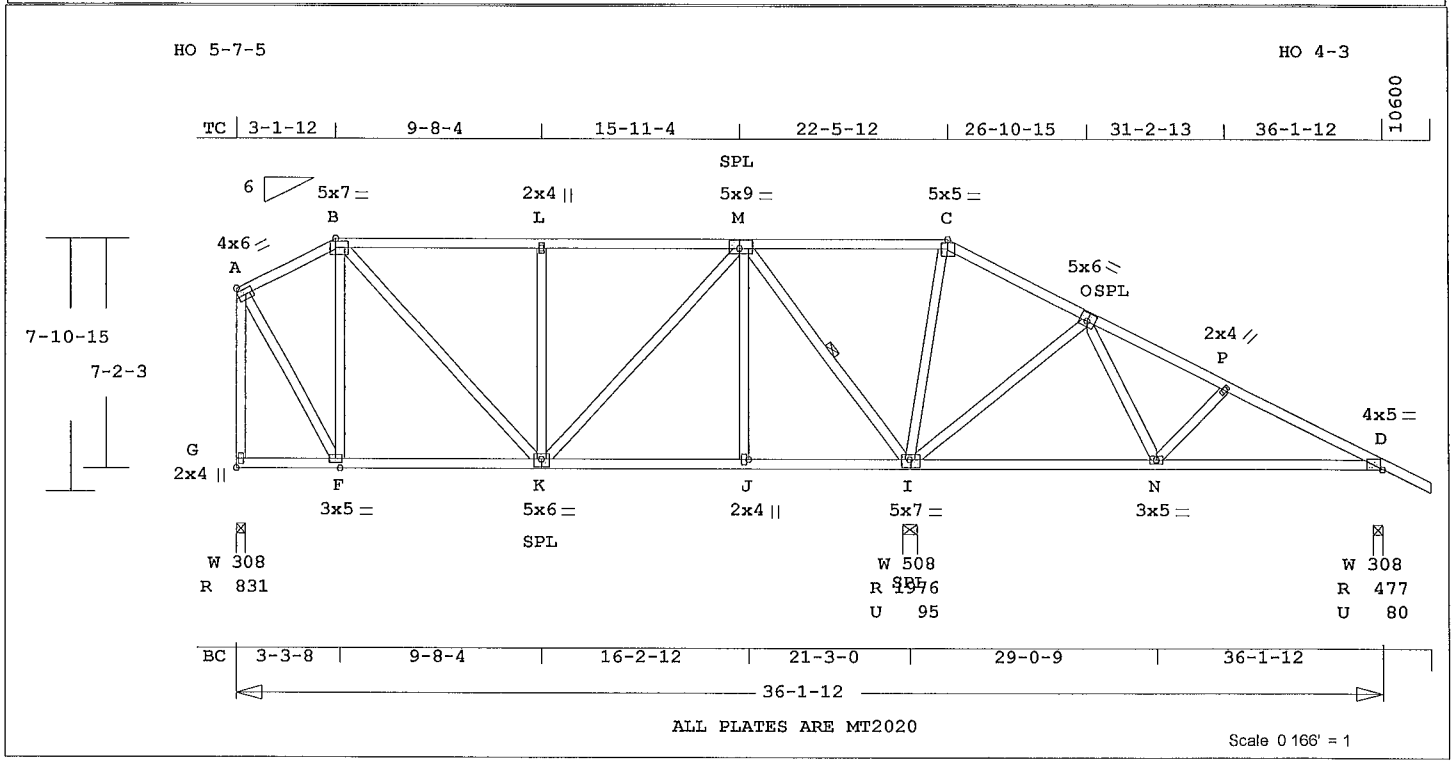


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A18	1	HIPP	360112	6	0	1- 6- 0	T5054360

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 292 7 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	Size	Lumber
TC	0 50	2x 4	SP-#2
BC	0 38	2x 4	SP-#2
WB	0 50	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	48 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	120 0"	0- 0- 0	36- 1-12

Continuous Lateral Restraint req'd at mid-point of webs M -I
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
G	831		158 R
I	1976	96 U	
D	478	81 U	85 R

Jt	Brg Size	Required
G	3 5"	1 5"
I	5 5"	2 2"
D	3 5"	1 5"

Plus 21 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 -B	0 10	371 C	0 02 0 08
B -L	0 41	578 C	0 00 0 41
L -M	0 41	578 C	0 00 0 41
M -C	0 50	470 T	0 09 0 41
C -O	0 26	429 T	0 07 0 19
O -P	0 21	322 T	0 00 0 21
P -D	0 22	411 C	0 00 0 22
Bottom Chords			
G -F	0 18	226 T	0 00 0 18
F -K	0 31	366 T	0 07 0 24
K -J	0 28	273 T	0 05 0 23
J -I	0 28	273 T	0 02 0 26
I -N	0 35	53 T	0 00 0 35
N -D	0 38	378 T	0 04 0 34
Webs			
G -A	0 42	827 C	WindLd
A -F	0 15	671 T	
F -B	0 31	375 C	
B -K	0 07	341 T	
K -L	0 33	399 C	
K -M	0 16	452 T	
J -M	0 05	264 T	
M -I	0 42	1241 C	1 Br
I -C	0 43	504 C	
I -O	0 50	538 C	
O -N	0 14	437 T	
N -P	0 05	272 C	

TL Defl -0 13" in I -N L/999
LL Defl -0 06" in I -N L/999
Shear // Grain in B -L 0 27

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	0 1	Ctr	0 70
B	MT20	5 0x 7 0-0	5-0 1	0	49
L	MT20	2 0x 4 0	Ctr	Ctr	0 34
M	MT20	5 0x 9 0	0 5	0 5	0 70
C	MT20	5 0x 5 0	Ctr-0 2	0	61
O	MT20	5 0x 6 0	0 2	0 5	0 43
P	MT20	2 0x 4 0	Ctr	Ctr	0 28
D	MT20	4 0x 5 0	Ctr	0 1	0 38
G	MT20	2 0x 4 0	Ctr	Ctr	0 30
F	MT20	3 0x 5 0	Ctr	Ctr	0 46
K	MT20	5 0x 6 0	Ctr-0	5 0	57
J	MT20	2 0x 4 0	Ctr	Ctr	0 34
I	MT20	5 0x 7 0	Ctr-0	5 0	69
N	MT20	3 0x 5 0	Ctr	Ctr	0 33

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

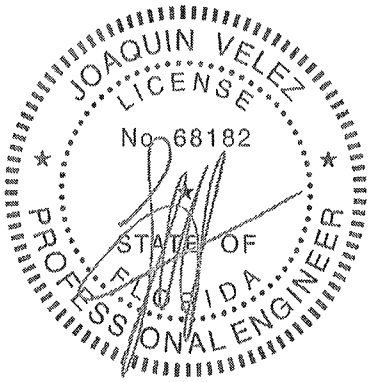
NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
OH Loading Soffit psf 2 0
This truss has been designed for 20 0 psf LL on the B C in areas where a rectangle 3- 6- 0 tall by 2- 0- 0 wide will fit between the B C and any other member
Design checked for 10 psf non-concurrent LL on BC
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

User-defined wind-exposed BC regions

	From	To
	21- 3- 0	36- 1-12

Max comp force 1241 Lbs
Max tens force 671 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

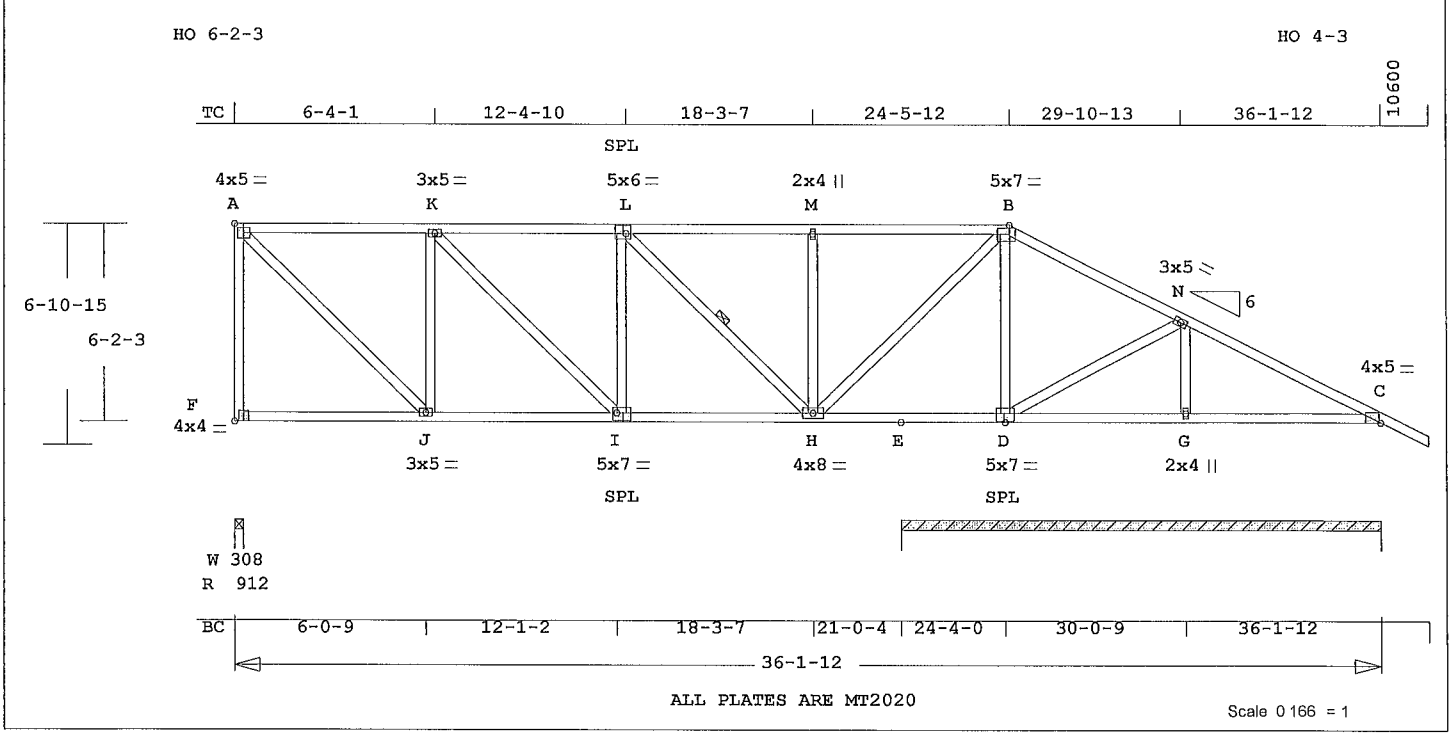


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A19	1	HHIP	360112	6	0	1- 6- 0	T5054361

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 273 1 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 46	2x 4	SP-#2
BC	0 33	2x 4	SP-#2
WB	0 70	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	48 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	72 0"	0- 0- 0	36- 1-12

Continuous Lateral Restraint req'd at mid-point of webs L -H
Attach CLR with (2)-10d nails at each web
Refer to BCSI for diagonal restraint requirements

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
F	912		149 R
E	2073		68 R

Jt	Brg Size	Required
F	3 5"	1 5"
E	181 5"	252"-to- 434"

Plus 21 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 45	728 C	0 00 0 45
K -L	0 42	901 C	0 00 0 42
L -M	0 32	578 C	0 00 0 32
M -B	0 32	578 C	0 00 0 32
B -N	0 46	207 T	0 02 0 44
N -C	0 44	111 C	0 00 0 44
Bottom Chords			
F -J	0 26	280 T	0 00 0 26
J -I	0 33	728 T	0 09 0 24
I -H	0 32	901 T	0 18 0 14
H -E	0 11	183 C	0 00 0 11
E -D	0 11	183 C	0 00 0 11
D -G	0 23	63 T	0 00 0 23
G -C	0 23	63 T	0 00 0 23
Webs			
F -A	0 57	863 C	WindLd
A -J	0 24	1017 T	
J -K	0 35	576 C	
K -I	0 12	241 T	
I -L	0 02	160 T	
L -H	0 14	450 C	1 Br
H -M	0 21	356 C	
H -B	0 23	1057 T	
D -B	0 70	1157 C	
D -N	0 24	342 C	
G -N	0 02	144 T	

TL Defl -0 12" in I -H L/999
LL Defl -0 05" in F -J L/999
Shear // Grain in A -K 0 28

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 5 0	Ctr	Ctr	0 75
K	MT20	3 0x 5 0	Ctr	Ctr	0 33
L	MT20	5 0x 6 0	Ctr	0 5	0 63
M	MT20	2 0x 4 0	Ctr	Ctr	0 34
B	MT20	5 0x 7 0	0 5-0	1 0	0 74
N	MT20	3 0x 5 0	Ctr	Ctr	0 36
C	MT20	4 0x 5 0	Ctr	0 1	0 38
F	MT20	4 0x 4 0	Ctr	0 2	0 75
J	MT20	3 0x 5 0	Ctr	Ctr	0 62
I	MT20	5 0x 7 0-0	5-0	5 0	0 53
H	MT20	4 0x 8 0	Ctr	Ctr	0 54
D	MT20	5 0x 7 0 0	5-0	5 0	0 46
G	MT20	2 0x 4 0	Ctr	Ctr	0 34

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
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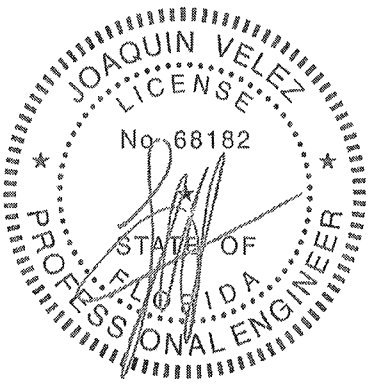
REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf
Max comp force	1157 Lbs
Max tens force	1057 Lbs

Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

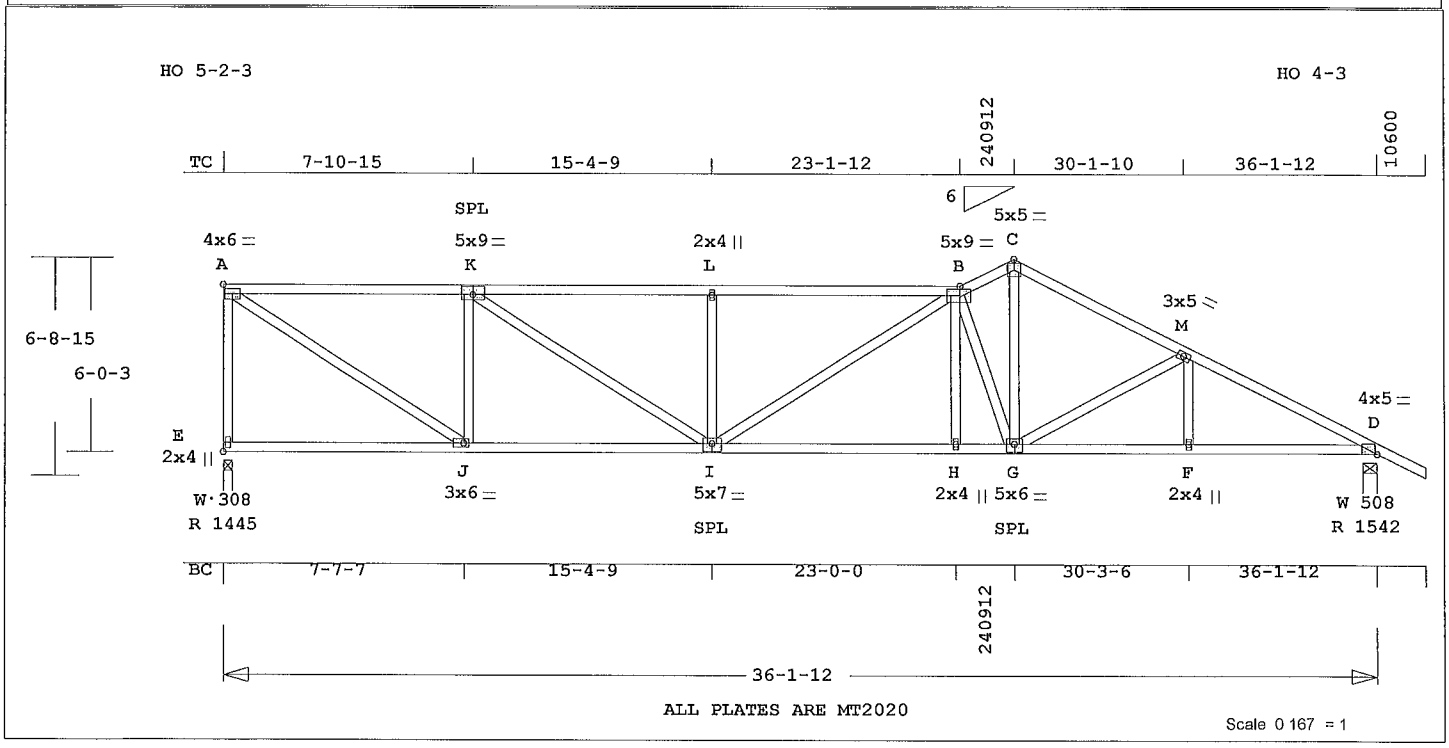


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A20	1	SP	360112	6	0	1- 6- 0	T5054362

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 262 5 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.94	2x 4	SP-#2
BC	0 69	2x 4	SP-#2
WB	0 65	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	120 0"	0- 0- 0	36- 1-12

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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
E	1445		134 R
D	1542		68 R

Jt	Brg Size	Required
E	3 5"	1 7"
D	5 5"	1 8"

Plus 21 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 94	1853 C	0 12 0 82
K -L	0 73	2641 C	0 06 0 67
L -B	0.85	2641 C	0.24 0 61
B -C	0 22	2136 C	0.04 0 18
C -M	0 37	2194 C	0 10 0 27
M -D	0 33	2643 C	0 06 0 27
Bottom Chords			
E -J	0 43	237 T	0 00 0 43
J -I	0 61	1853 T	0.23 0.38
I -H	0 69	2480 T	0.50 0 19
H -G	0 62	2480 T	0 50 0 12
G -F	0 59	2362 T	0 48 0.11
F -D	0 60	2362 T	0 48 0 12
Webs			
E -A	0 57	1380 C	WindLd
A -J	0 49	2202 T	
J -K	0 42	1019 C	
K -I	0 27	936 T	
I -L	0 19	452 C	
I -B	0 04	191 T	
H -B	0 04	219 T	
B -G	0 65	1432 C	
G -C	0 36	1621 T	
G -M	0 30	457 C	
F -M	0 04	216 T	

TL Defl -0 55" in I -H L/774
LL Defl -0 20" in I -H L/999
Shear // Grain in A -K 0 35

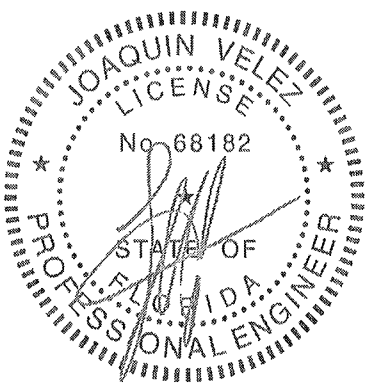
Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	Ctr	Ctr	0.82
K	MT20	5 0x 9 0	Ctr	0 5	0 69
L	MT20	2 0x 4 0	Ctr	Ctr	0 34
B	MT20	5 0x 9 0-0	5	Ctr	0 76
C	MT20	5 0x 5 0	Ctr	Ctr	0 61
M	MT20	3 0x 5 0	Ctr	Ctr	0 36
D	MT20	4 0x 5 0	Ctr	0 1	0 85
E	MT20	2 0x 4 0	Ctr	Ctr	0 36
J	MT20	3 0x 6 0-1	0	Ctr	0 86
I	MT20	5 0x 7 0	Ctr-0	5	0 86
H	MT20	2 0x 4 0	Ctr	Ctr	0 34
G	MT20	5 0x 6 0	Ctr-0	5	0 81
F	MT20	2 0x 4 0	Ctr	Ctr	0.34

REVIEWED BY.
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES.
Trusses Manufactured by
Mayo Truss Co Inc
Analysis Conforms To
FBC2010
TPI 2007
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 7-10
Truss is designed as
Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
Max comp force 2643 Lbs
Max tens force 2480 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

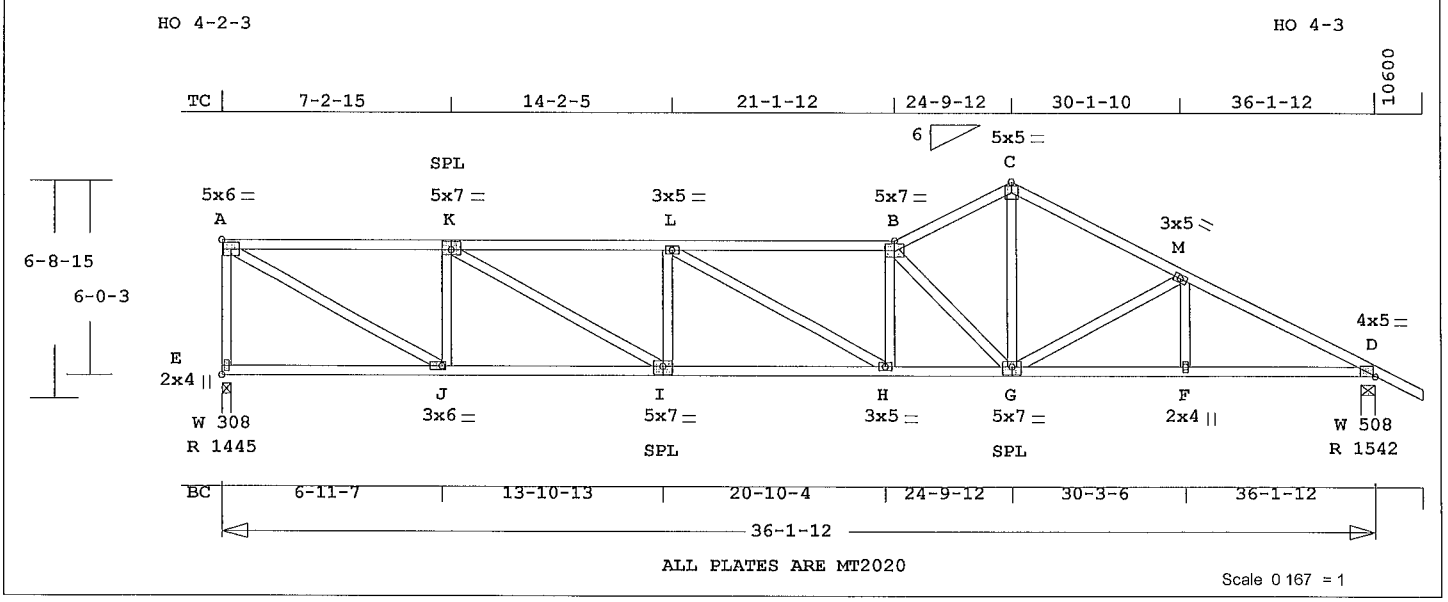


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A21	1	SP	360112	6	0	1- 6- 0	T5054363

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 249 6 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 80	2x 4	SP-#2
BC	0 83	2x 4	SP-#2
WB	0 91	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	24 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	102 0"	0- 0- 0	36- 1-12

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

	Fb	Fc	Ft	Emin
TC	1.15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
E	1445		123 R
D	1542		72 R

Jt	Brg Size	Required
E	3 5"	1 7"
D	5 5"	1 8"

Plus 21 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 80	2161 C	0 12 0 68
K -L	0 64	3208 C	0 09 0 55
L -B	0 80	3279 C	0 30 0 50
B -C	0 32	2167 C	0 05 0 27
C -M	0 36	2194 C	0.10 0 26
M -D	0 33	2642 C	0 06 0.27
Bottom Chords			
E -J	0 35	193 T	0 00 0 35
J -I	0 61	2161 T	0 44 0 17
I -H	0 83	3208 T	0 65 0 18
H -G	0 75	3278 T	0.67 0 08
G -F	0 59	2362 T	0 48 0 11
F -D	0 59	2362 T	0 48 0 11
Webs			
E -A	0 37	1385 C	WindLd
A -J	0 55	2477 T	
J -K	0 28	1055 C	
K -I	0 27	1199 T	
I -L	0 12	444 C	
L -H	0 09	87 T	
H -B	0 03	178 T	
B -G	0 91	1859 C	
G -C	0 36	1629 T	
G -M	0 30	456 C	
F -M	0 04	216 T	

TL Defl -0.70" in I -H L/609
LL Defl -0 26" in I -H L/999
Shear // Grain in A -K 0 32

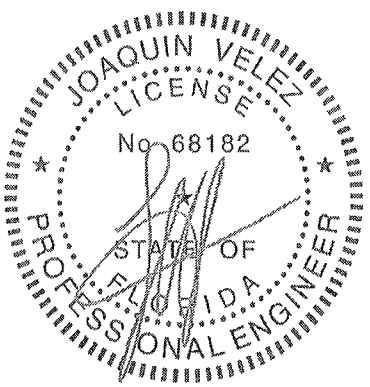
Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	5 0x 6 0	Ctr	Ctr	0 75
K	MT20	5 0x 7.0	Ctr	0 5	0 91
L	MT20	3 0x 5 0	Ctr	Ctr	0 33
B	MT20	5 0x 7 0	Ctr	Ctr	0 98
C	MT20	5 0x 5 0	Ctr	Ctr	0 62
M	MT20	3 0x 5 0	Ctr	Ctr	0 36
D	MT20	4 0x 5 0	Ctr	0 1	0 85
E	MT20	2.0x 4.0	Ctr	Ctr	0 36
J	MT20	3 0x 6.0-1 5	Ctr	0	85
I	MT20	5 0x 7 0	Ctr-0 5	0	94
H	MT20	3 0x 5.0	Ctr	Ctr	0 33
G	MT20	5 0x 7 0	Ctr-0 5	0	96
F	MT20	2.0x 4 0	Ctr	Ctr	0 34

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by
Mayo Truss Co. Inc
Analysis Conforms To·
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
Max comp force 3279 Lbs
Max tens force 3278 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

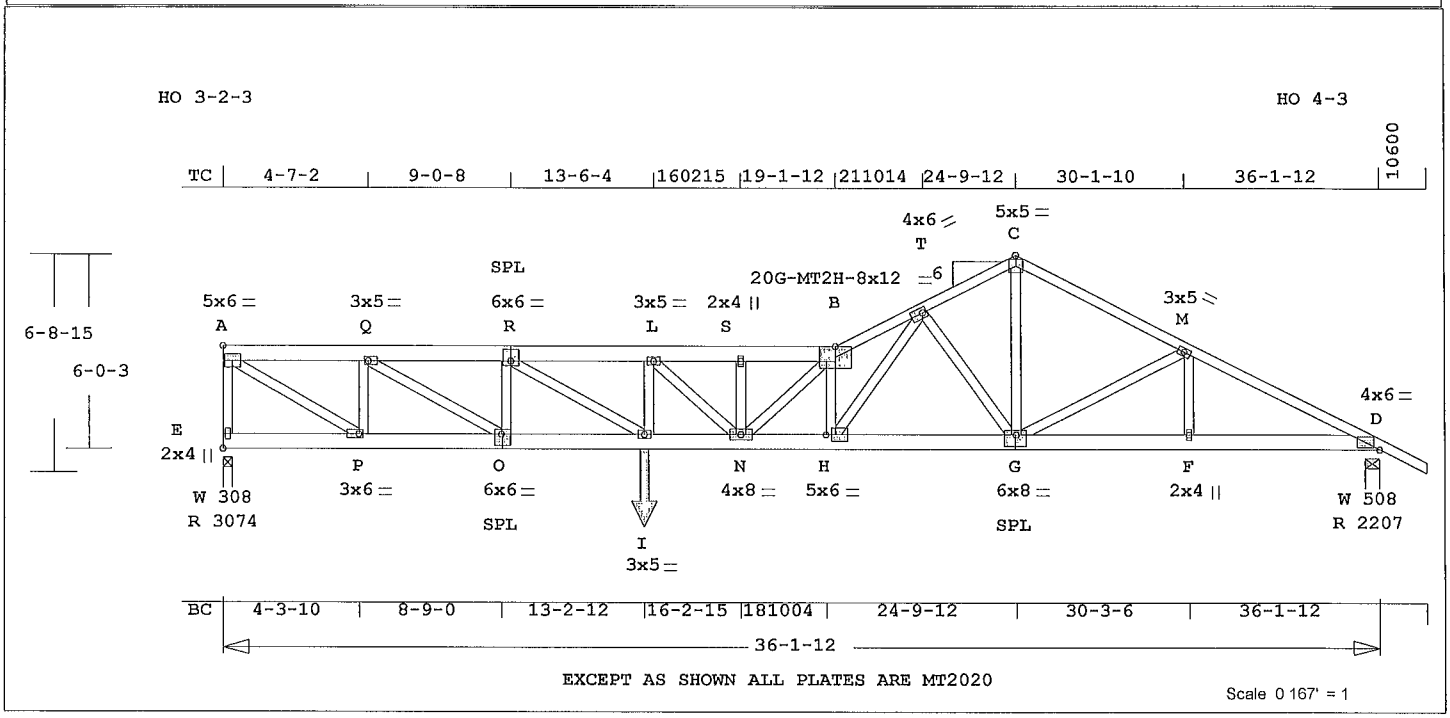


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	*A22GIR*	1*2P	SP	360112	6	0	1- 6- 0	*T5054364*

WHIDDON



EXCEPT AS SHOWN ALL PLATES ARE MT2020

Scale 0 167' = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 304 7 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13
****
* 2-Ply Truss *
****

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 64	2x 4	SP-#2
--	0 27	2x 6	SP-#2
	A -R	R -B	
BC	0 91	2x 6	SP-#2
WB	0 69	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	36- 1-12
or	36 0"	0- 0- 0	36- 1-12
BC	Cont	0- 0- 0	36- 1-12
or	120 0"	0- 0- 0	36- 1-12

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

	Fb	Fc	Ft	Emin
TC	1 00	1 00	1 00	1 00
BC	1 00	1 00	1 00	1 00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
E	3075		108 R
D	2207		74 R

Jt	Brg Size	Required
E	3 5"	1 8"
D	5 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'	36 1'
BC V	20	0	0 0'	36 1'
TC V	18	37	0 0'	12 2'
BC V	18	0	0 0'	12 2'
BC V	699	699	13 2'	CL-LB

Plus 21 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 -Q	0 13	4344 C	0 02 0 11
Q -R	0 17	7657 C	0 07 0 10
R -L	0 27	9829 C	0 12 0 15
L -S	0 23	9317 C	0 10 0 13
S -B	0 25	9317 C	0 10 0 15
B -T	0 64	9641 C	0 29 0 35
T -C	0 17	3722 C	0 03 0 14
C -M	0 24	3720 C	0 08 0 16
M -D	0 18	4147 C	0 04 0 14
--------Bottom Chords---------			
E -P	0 05	144 T	0 00 0 05
P -O	0 41	4343 T	0 35 0 06
O -I	0 72	7656 T	0 61 0 11
I -N	0 91	9829 T	0 79 0 12
N -H	0 85	8885 T	0 71 0 14
H -G	0 54	5164 T	0 41 0 13
G -F	0 36	3713 T	0 30 0 06
F -D	0 39	3713 T	0 30 0 09
------------Webs------------			
E -A	0 17	2984 C	WindLd
A -P	0 58	5142 T	
P -Q	0 14	2578 C	
Q -O	0 43	3885 T	
O -R	0 10	1841 C	
R -I	0 28	2542 T	
I -L	0 03	333 T	
L -N	0 05	705 C	
N -S	0 01	171 T	
N -B	0 06	589 T	
H -B	0 29	5014 C	
H -T	0 69	6133 T	
T -G	0 33	3240 C	
G -C	0 34	3084 T	
G -M	0 06	440 C	
F -M	0 01	181 T	

TL Defl -0 83" in N -H L/512
LL Defl -0 33" in N -H L/999
Shear // Grain in B -T 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	5 0x 6 0	Ctr	Ctr	0 85
Q	MT20	3 0x 5 0	1 0	Ctr	0 84
R	MT20	6 0x 6 0	Ctr	1 2	0 53
L	MT20	3 0x 5 0	Ctr	Ctr	0 18
S	MT20	2 0x 4 0	Ctr	Ctr	0 17
B	MT2H	8 0x12 0	Ctr-0	1 0	77
T	MT20	4 0x 6 0	0-1	2-0	6 0 90
C	MT20	5 0x 5 0	Ctr	Ctr	0 56
M	MT20	3 0x 5 0	Ctr	Ctr	0 18
D	MT20	4 0x 6 0	Ctr	Ctr	0 59
E	MT20	2 0x 4 0	Ctr	Ctr	0 38
P	MT20	3 0x 6 0	0-1 5	Ctr	0 90
O	MT20	6 0x 6 0	Ctr-1 2	0	94
I	MT20	3 0x 5 0	Ctr	Ctr	0 75
N	MT20	4 0x 8 0	Ctr	Ctr	0 15
H	MT20	5 0x 6 0	1 5	Ctr	0 97
G	MT20	6 0x 8 0	Ctr-1 2	0	66
F	MT20	2 0x 4 0	Ctr	Ctr	0 17

REVIEWED BY

MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

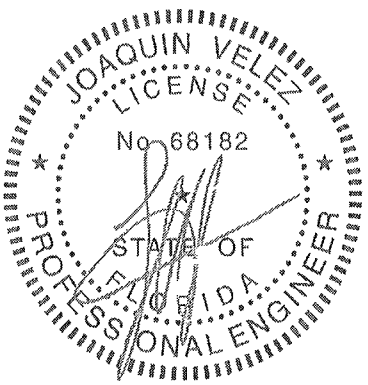
NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
2 COMPLETE TRUSSES REQUIRED
Fasten plies together in staggered pattern

	Connector	Rows	Spacing
TC 10d Gun Nails		2	12 0 in
BC 10d Gun Nails		2	12 0 in
WB 10d Gun Nails		1	8 0 in

TC Connection Exception -- Space connectors for the following top chords -
B -C 1 rows @ 11 5" o c
C -D 1 rows @ 11 5" o c
10d gun nails (0 131"x3") must be installed as noted above, as each layer is applied
Plus clusters of nails where shown
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf
Max comp force	9829 Lbs
Max tens force	9829 Lbs

Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

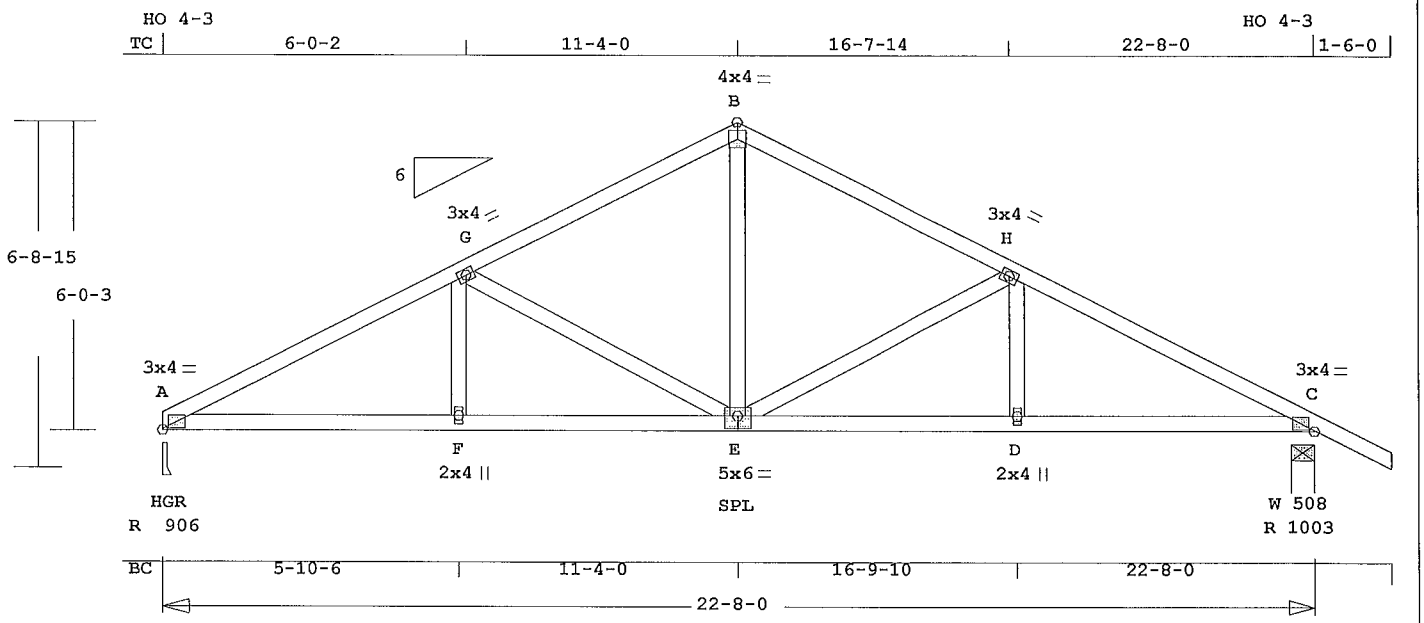


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A23	2	TR	220800	6	0	1- 6- 0	T5054365

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 137 1 LBS

Online Plus -- Version 30.0 023
RUN DATE. 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.40	2x 4	SP-#2
WB	0.33	2x 4	SP-#2

Brace truss as follows·

	O C.	From	To
TC	Cont.	0- 0- 0	22- 8- 0
or	48.0"	0- 0- 0	22- 8- 0
BC	Cont.	0- 0- 0	22- 8- 0
or	120.0"	0- 0- 0	22- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	906		77 R
C	1003		77 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	5.5"	1.5"

Plus 21 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	0.30	1501 C	0.01 0.29
G -B	0.30	1016 C	0.01 0.29
B -H	0.30	1016 C	0.01 0.29
H -C	0.30	1497 C	0.01 0.29
--------Bottom Chords----------			
A -F	0.40	1347 T	0.27 0.13
F -E	0.36	1347 T	0.27 0.09
E -D	0.36	1344 T	0.27 0.09
D -C	0.39	1344 T	0.27 0.12
------------Webs------------			
F -G	0 04	224 T	
G -E	0.33	504 C	
E -B	0.13	591 T	
E -H	0.33	500 C	
D -H	0.04	223 T	

TL Defl -0.14" in E -D L/999
LL Defl -0.05" in E -D L/999
Shear // Grain in A -G 0.20

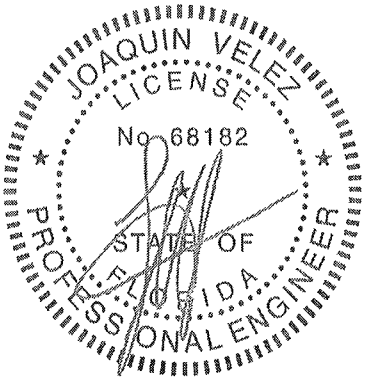
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3 0x 4.0	Ctr	Ctr	0.86
G	MT20	3.0x 4.0	Ctr	Ctr	0.47
B	MT20	4.0x 4 0	Ctr	Ctr	0 81
H	MT20	3.0x 4.0	Ctr	Ctr	0.47
C	MT20	3.0x 4.0	Ctr	Ctr	0.85
F	MT20	2.0x 4.0	Ctr	Ctr	0.34
E	MT20	5.0x 6.0	Ctr	-0.5	0.57
D	MT20	2.0x 4.0	Ctr	Ctr	0.34

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

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Risk Category : II
Mean Roof Height. 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 1501 Lbs
Max tens. force 1347 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

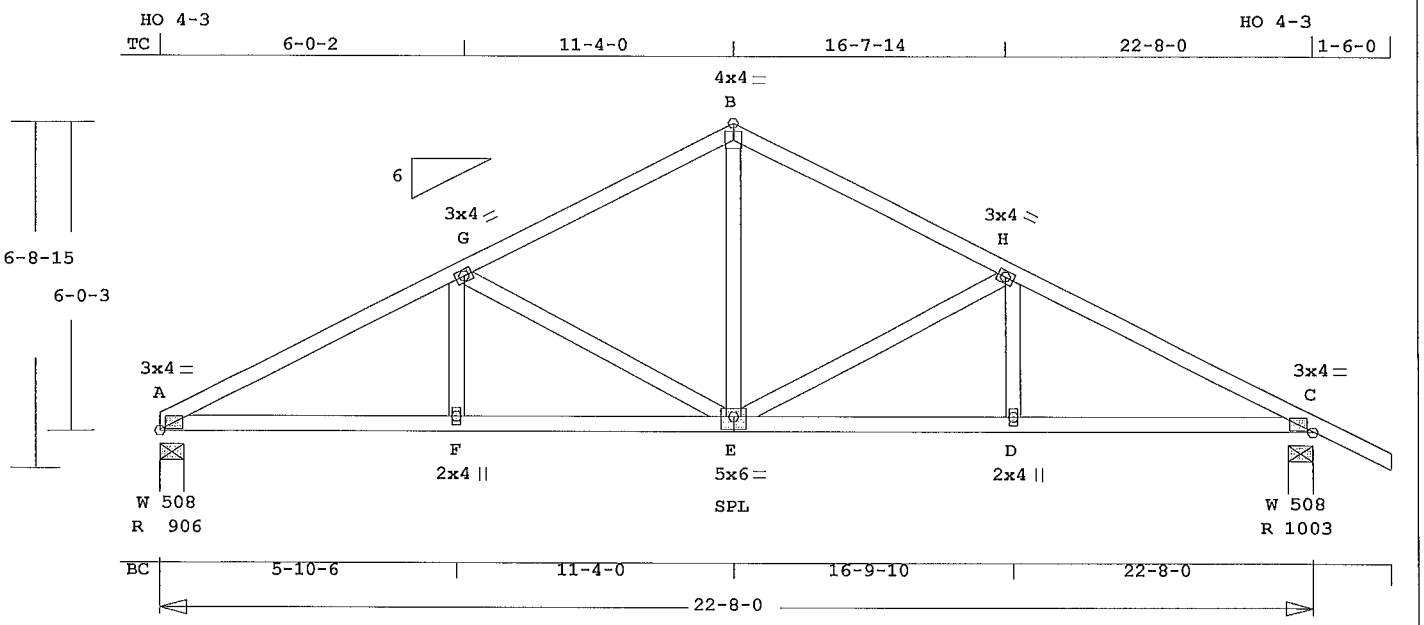


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A24	1	TR	220800	6	0	1- 6- 0	T5054366

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 137 1 LBS

Online Plus -- Version 30.0.023
RUN DATE: 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.40	2x 4	SP-#2
WB	0.33	2x 4	SP-#2

Brace truss as follows·

	O.C.	From	To
TC	Cont.	0- 0- 0	22- 8- 0
or	48.0"	0- 0- 0	22- 8- 0
BC	Cont.	0- 0- 0	22- 8- 0
or	120.0"	0- 0- 0	22- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	906		77 R
C	1003		77 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	5.5"	1.5"

Plus 21 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	0.30	1501 C	0.01 0.29
G -B	0.30	1016 C	0.01 0.29
B -H	0.30	1016 C	0.01 0.29
H -C	0.30	1497 C	0.01 0.29
--------Bottom Chords---------			
A -F	0.40	1347 T	0.27 0.13
F -E	0.36	1347 T	0.27 0.09
E -D	0 36	1344 T	0.27 0.09
D -C	0.39	1344 T	0 27 0.12
------------Webs------------			
F -G	0.04	224 T	
G -E	0.33	504 C	
E -B	0 13	591 T	
E -H	0 33	500 C	
D -H	0.04	223 T	

TL Defl -0.14" in E -D L/999
LL Defl -0.05" in E -D L/999
Shear // Grain in A -G 0.20

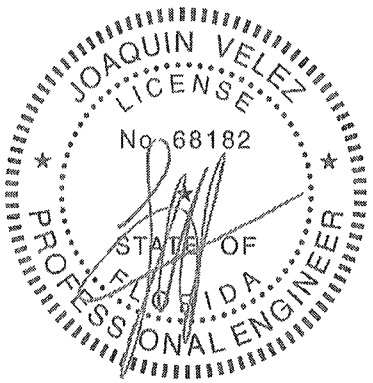
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.86
G	MT20	3.0x 4.0	Ctr	Ctr	0.47
B	MT20	4.0x 4.0	Ctr	Ctr	0.81
H	MT20	3.0x 4.0	Ctr	Ctr	0.47
C	MT20	3.0x 4.0	Ctr	Ctr	0.85
F	MT20	2 0x 4.0	Ctr	Ctr	0 34
E	MT20	5.0x 6.0	Ctr	-0.5	0.57
D	MT20	2.0x 4.0	Ctr	Ctr	0.34

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

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Risk Category · II
Mean Roof Height: 15-0
Exposure Category: B
Building Type· Enclosed
TC Dead Load· 6.0 psf
BC Dead Load: 6 0 psf
Max comp force 1501 Lbs
Max tens. force 1347 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection

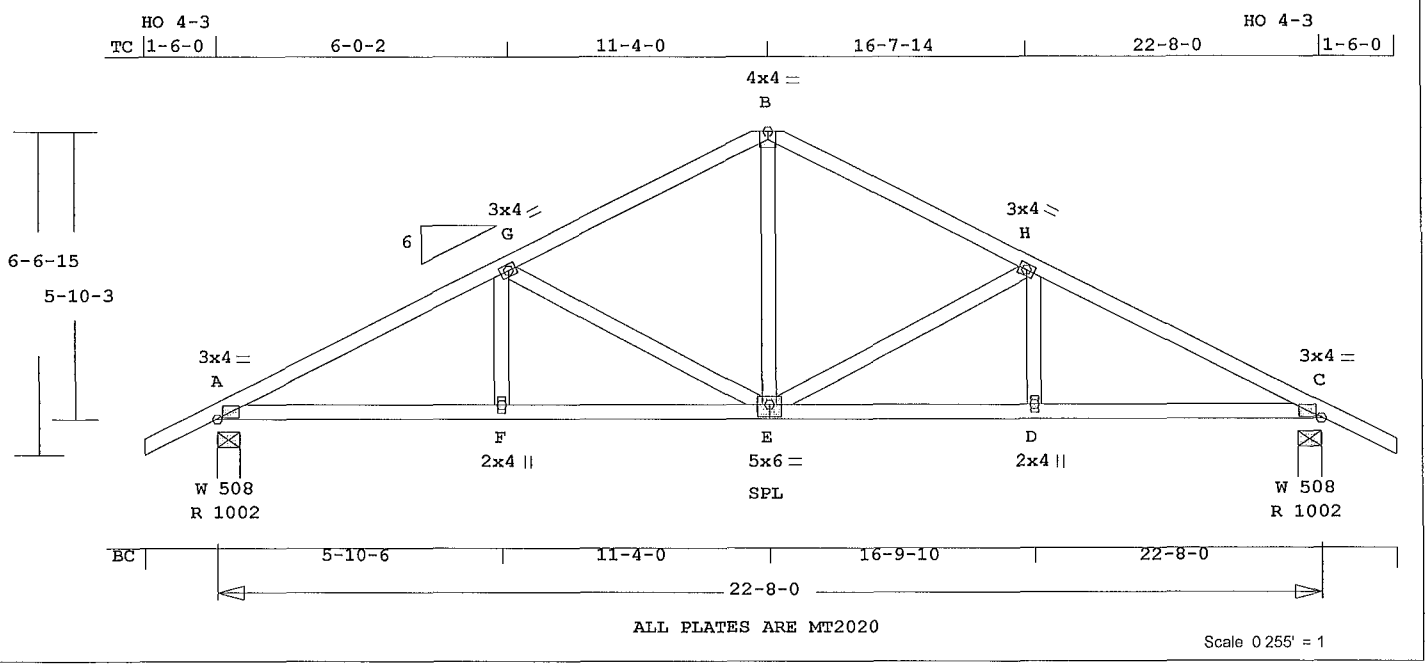


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A25	1	TR	220800	6	1- 6- 0	1- 6- 0	T5054367

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 140 0 LBS

Online Plus -- Version 30.0 023
RUN DATE: 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.30	2x 4	SP-#2
BC	0.39	2x 4	SP-#2
WB	0.33	2x 4	SP-#2

Brace truss as follows:

	O C.	From	To
TC	Cont.	0- 0- 0	22- 8- 0
or	48.0"	0- 0- 0	22- 8- 0
BC	Cont.	0- 0- 0	22- 8- 0
or	120.0"	0- 0- 0	22- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1003		77 R
C	1003		77 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	5.5"	1.5"

Plus 21 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	0.30	1496 C	0.01	0.29
G -B	0.30	1014 C	0.01	0.29
B -H	0.30	1014 C	0.01	0.29
H -C	0.30	1496 C	0.01	0.29
--------Bottom Chords---------				
A -F	0.39	1342 T	0.27	0.12
F -E	0.37	1342 T	0.27	0.10
E -D	0.37	1342 T	0.27	0.10
D -C	0.39	1342 T	0.27	0.12
----------Webs----------				
F -G	0 04	223 T		
G -E	0.33	500 C		
E -B	0.13	590 T		
E -H	0 33	500 C		
D -H	0.04	223 T		

TL Defl -0.14" in F -E L/999
LL Defl -0.05" in F -E L/999
Shear // Grain in A -G 0.20

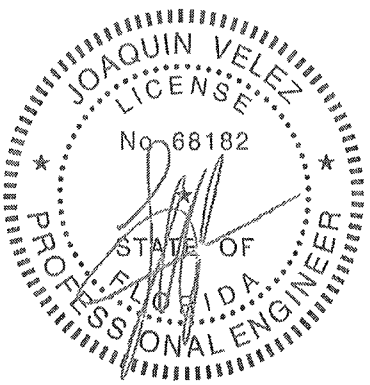
Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.85
G	MT20	3.0x 4.0	Ctr	Ctr	0.47
B	MT20	4.0x 4.0	Ctr-0.1		0.86
H	MT20	3.0x 4.0	Ctr	Ctr	0.47
C	MT20	3.0x 4.0	Ctr	Ctr	0.85
F	MT20	2.0x 4.0	Ctr	Ctr	0.34
E	MT20	5.0x 6.0	Ctr-0.5		0.56
D	MT20	2.0x 4.0	Ctr	Ctr	0.34

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

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Risk Category II
Mean Roof Height. 15-0
Exposure Category B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 1496 Lbs
Max tens. force 1342 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection

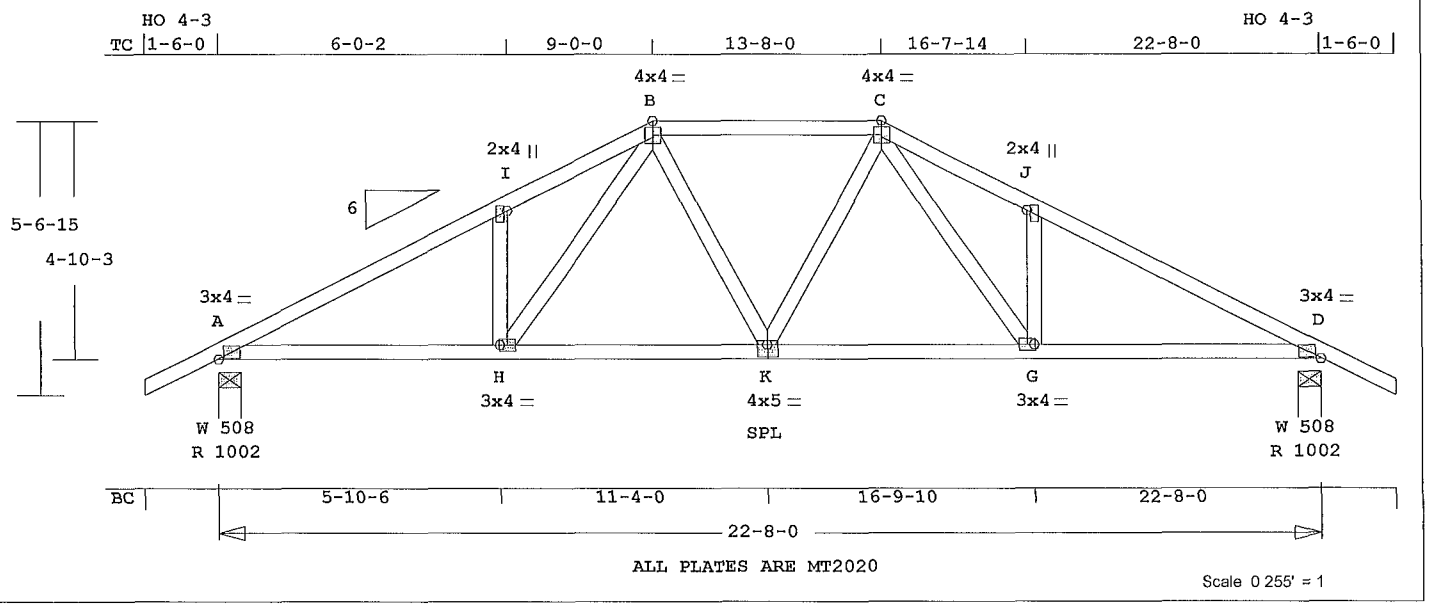


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A26	1	HIPP	220800	6	1- 6- 0	1- 6- 0	T5054368

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 144 8 LBS

Online Plus -- Version 30 0.023
RUN DATE: 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.41	2x 4	SP-#2
WB	0.10	2x 4	SP-#2

Brace truss as follows.

	O.C.	From	To
TC	Cont.	0- 0- 0	22- 8- 0
or	48.0"	0- 0- 0	22- 8- 0
BC	Cont.	0- 0- 0	22- 8- 0
or	120.0"	0- 0- 0	22- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1003		62 R
D	1003		62 R

Jt	Brg Size	Required
A	5.5"	1.5"
D	5.5"	1.5"

Plus 21 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 -I	0.35	1481 C	0.03 0 32
I -B	0.19	1484 C	0.01 0.18
B -C	0.29	1081 C	0.01 0.28
C -J	0.19	1484 C	0.01 0.18
J -D	0.35	1481 C	0.03 0.32
Bottom Chords			
A -H	0.41	1324 T	0.27 0.14
H -K	0 31	1051 T	0.21 0.10
K -G	0.31	1051 T	0.21 0.10
G -D	0 41	1324 T	0.27 0 14
Webs			
H -I	0 04	258 C	
H -B	0.10	464 T	
B -K	0 02	125 T	
K -C	0.02	125 T	
C -G	0.10	464 T	
G -J	0.04	258 C	

TL Defl -0.13" in H -K L/999
LL Defl -0.05" in H -K L/999
Shear // Grain in A -I 0.19

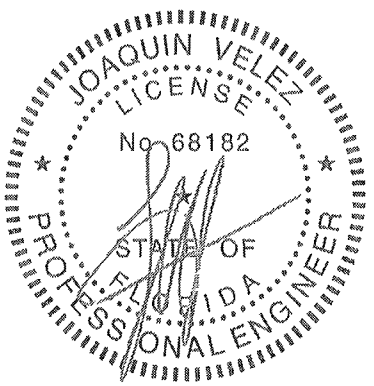
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4 0	Ctr	Ctr	0.85
I	MT20	2.0x 4.0	Ctr	Ctr	0.31
B	MT20	4.0x 4.0	Ctr	Ctr	0.60
C	MT20	4.0x 4.0	Ctr	Ctr	0.60
J	MT20	2.0x 4 0	Ctr	Ctr	0.31
D	MT20	3.0x 4.0	Ctr	Ctr	0.85
H	MT20	3.0x 4.0	Ctr	Ctr	0.41
K	MT20	4.0x 5.0	Ctr	-1.0	0.63
G	MT20	3.0x 4.0	Ctr	Ctr	0.41

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

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Risk Category : II
Mean Roof Height: 15-0
Exposure Category: B
Building Type. Enclosed
TC Dead Load. 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 1484 Lbs
Max tens. force 1324 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection.

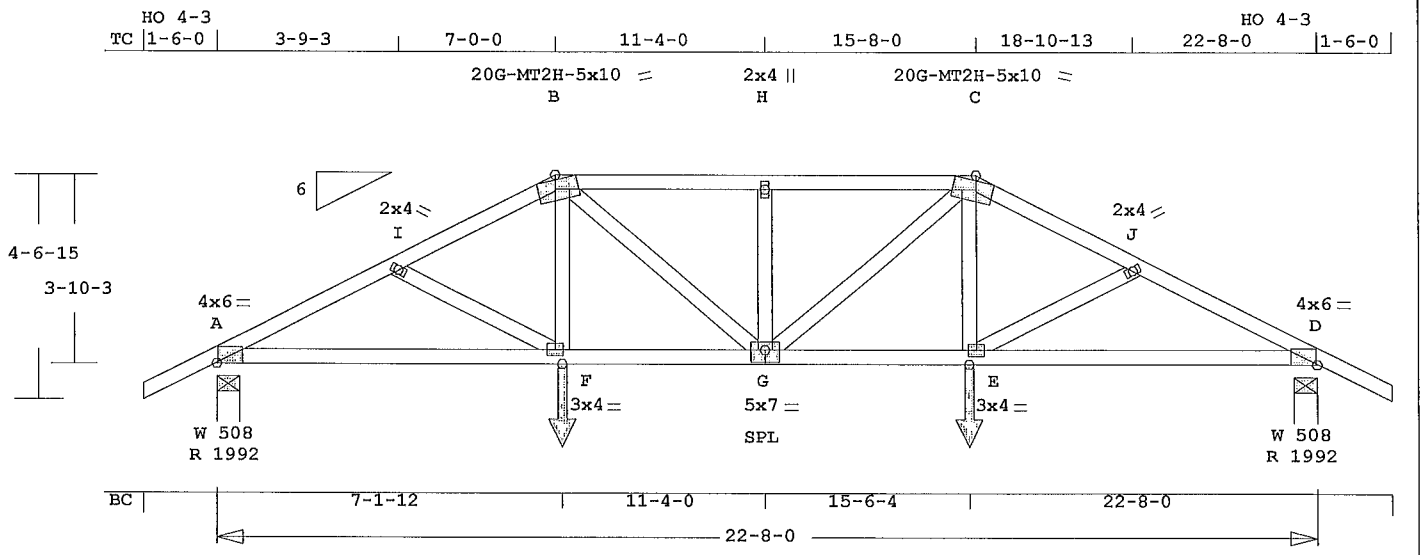


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	A27	1	HIPP	220800	6	1- 6- 0	1- 6- 0	T5054369

WHIDDON



EXCEPT AS SHOWN ALL PLATES ARE MT2020

Scale 0 255' = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 147 4 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	Size	Lumber
TC	0 67	2x 4	SP-#2
BC	0 95	2x 4	SP-#2
WB	0 15	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	22- 8- 0
or	24 0"	0- 0- 0	22- 8- 0
BC	Cont	0- 0- 0	22- 8- 0
or	78 0"	0- 0- 0	22- 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

	Fb	Fc	Ft	Emin
TC	1 00	1 00	1 00	1 00
BC	1 00	1.00	1 00	1 00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
A	1992		47 R
D	1992		47 R

Jt	Brg Size	Required
A	5 5"	2.4"
D	5 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'	22 7'
BC V	20	0	0.0'	22 7'
TC V	25	50	7 0'	15 7'
BC V	25	0	7.1'	15 5'
BC V	280	280	7.1'	CL-LB
BC V	280	280	15.5'	CL-LB

Plus 21 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 -I	0 52	3613 C	0 14 0 38
I -B	0 53	3513 C	0 12 0 41
B -H	0 67	3684 C	0 14 0 53
H -C	0 67	3684 C	0 14 0.53
C -J	0 53	3513 C	0 12 0 41
J -D	0 52	3613 C	0 14 0 38
Bottom Chords			
A -F	0 95	3197 T	0 72 0 23
F -G	0 86	3155 T	0 71 0 15
G -E	0 86	3155 T	0 71 0 15
E -D	0 95	3197 T	0 72 0 23
Webs			
I -F	0 02	119 T	
F -B	0 15	714 T	
B -G	0 15	687 T	
G -H	0 15	664 C	
G -C	0 15	687 T	
E -C	0 15	714 T	
E -J	0 02	119 T	

TL Defl -0 39" in G -E L/662
LL Defl -0 16" in G -E L/999
Shear // Grain in B -H 0 43

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

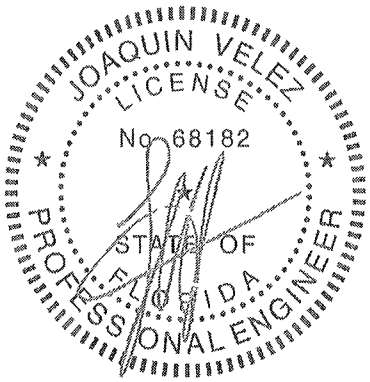
Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 6 0	Ctr	0 1	0 97
I	MT20	2 0x 4 0	Ctr	Ctr	0 31
B	MT2H	5 0x10 0 0	8-3	6	0.92
H	MT20	2 0x 4 0	Ctr	Ctr	0 34
C	MT2H	5 0x10.0-0	8-3	6	0 92
J	MT20	2 0x 4 0	Ctr	Ctr	0 31
D	MT20	4 0x 6.0	Ctr	0 1	0 97
F	MT20	3 0x 4 0	Ctr	Ctr	0 62
G	MT20	5 0x 7 0	Ctr-0	5 0	0 96
E	MT20	3 0x 4 0	Ctr	Ctr	0 62

REVIEWED BY·
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES.
Trusses Manufactured by·
Mayo Truss Co. Inc.
Analysis Conforms To
FBC2010
TPI 2007

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 7-10
Truss is designed as
Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load· 6 0 psf
BC Dead Load 6 0 psf
Max comp force 3684 Lbs
Max tens force 3197 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

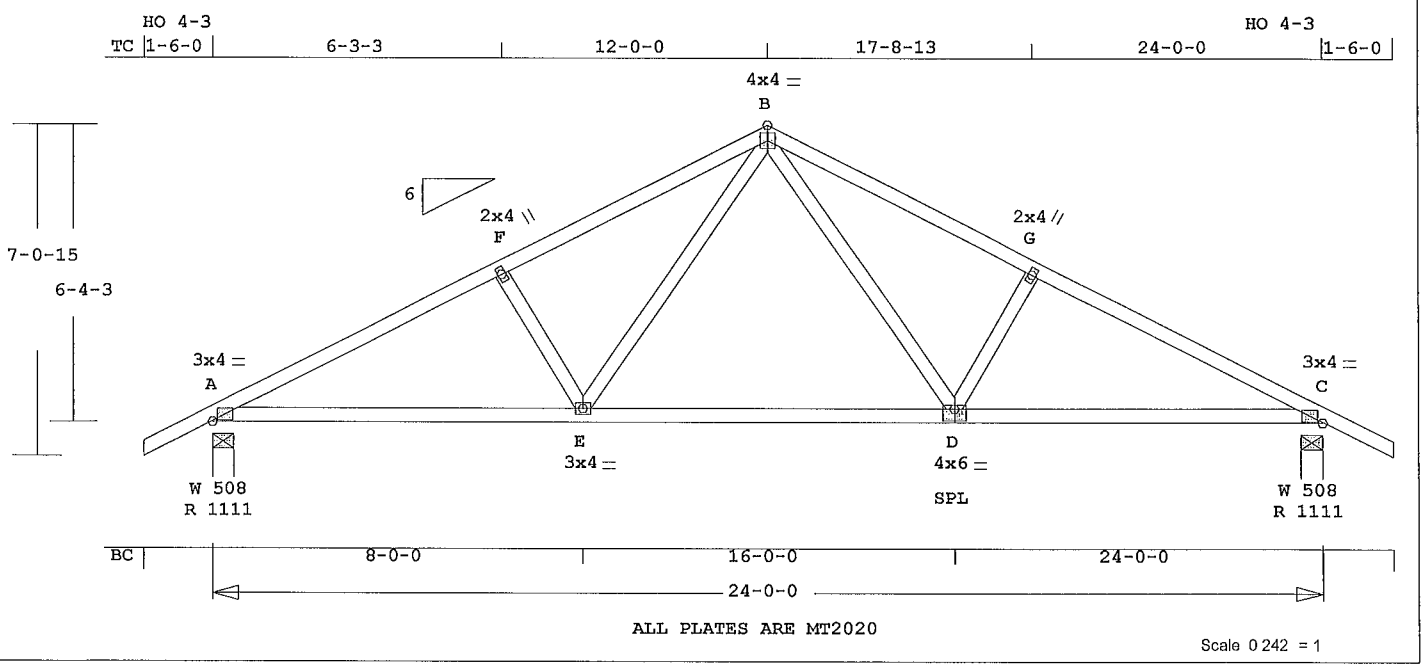


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	B1	6	TR	240000	6	1- 6- 0	1- 6- 0	T5054370

WHIDDON



ALL PLATES ARE MT2020

Scale 0 242 = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 142 0 LBS

Online Plus -- Version 30 0.023
RUN DATE· 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.65	2x 4	SP-#2
WB	0.14	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	24- 0- 0
or	48 0"	0- 0- 0	24- 0- 0
BC	Cont.	0- 0- 0	24- 0- 0
or	120.0"	0- 0- 0	24- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1111		83 R
C	1111		83 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	5.5"	1.5"

Plus 21 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 BC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -F	0.35	1704 C	0.02 0.33
F -B	0.35	1532 C	0.02 0.33
B -G	0.35	1532 C	0.02 0.33
G -C	0.35	1704 C	0.02 0.33
--------Bottom Chords---------			
A -E	0.65	1529 T	0.31 0.34
E -D	0 65	1006 T	0.20 0.45
D -C	0.65	1529 T	0.31 0.34
----------Webs----------			
F -E	0 07	328 C	
E -B	0.14	629 T	
B -D	0.14	629 T	
D -G	0.07	328 C	

TL Defl -0.25" in E -D L/999
LL Defl -0.12" in E -D L/999
Shear // Grain in A -F 0.21

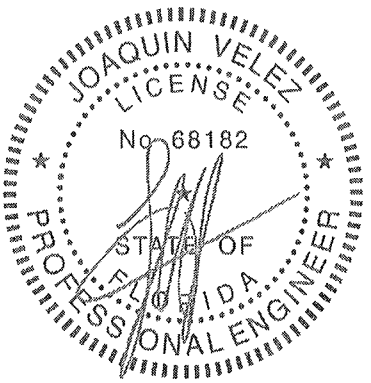
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.97
F	MT20	2.0x 4.0	Ctr	Ctr	0.30
B	MT20	4.0x 4.0	Ctr	Ctr	0.97
G	MT20	2.0x 4.0	Ctr	Ctr	0.30
C	MT20	3.0x 4.0	Ctr	Ctr	0.97
E	MT20	3.0x 4.0	Ctr	Ctr	0.50
D	MT20	4.0x 6.0	Ctr-1.0		0.91

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

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Risk Category : II
Mean Roof Height: 15-0
Exposure Category. B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 1704 Lbs
Max tens. force 1529 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

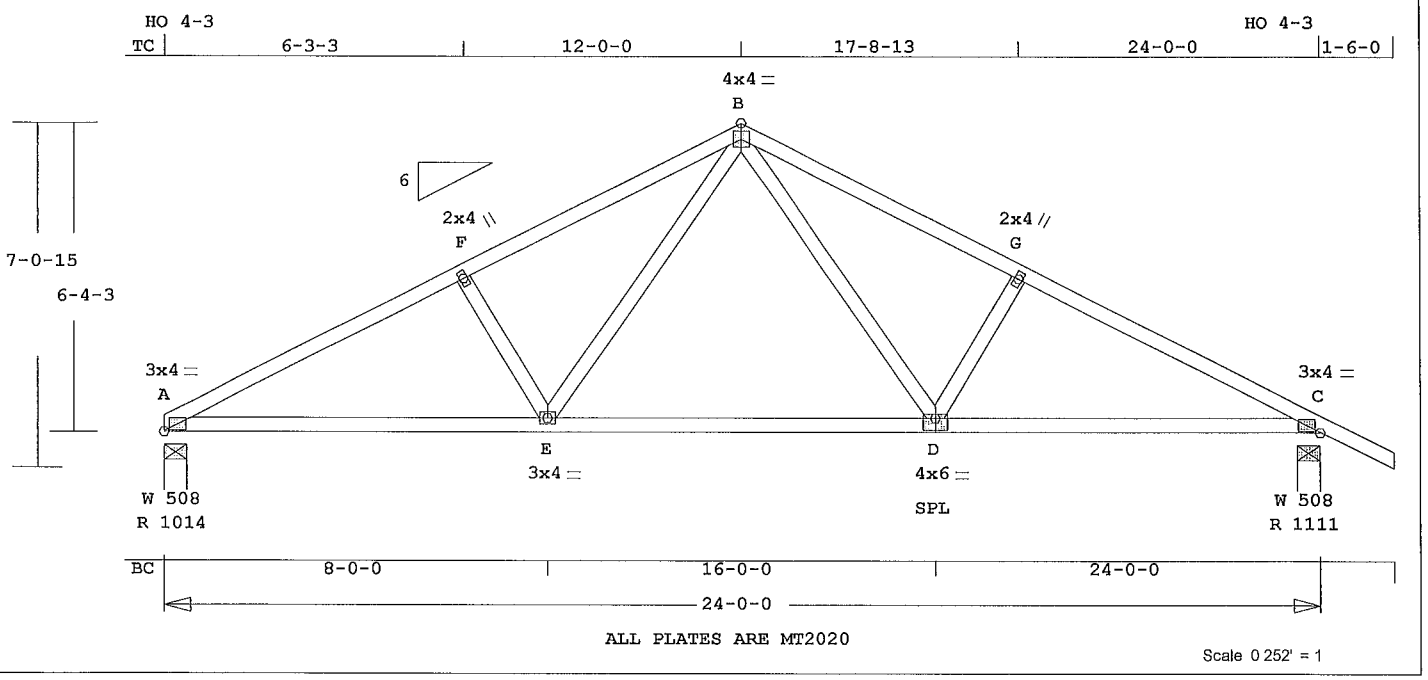


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	B2	4	TR	240000	6	0	1- 6- 0	T5054371

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 138 8 LBS

Online Plus -- Version 30.0.023
RUN DATE: 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.35	2x 4	SP-#2
BC	0.65	2x 4	SP-#2
WB	0.14	2x 4	SP-#2

Brace truss as follows·

	O.C.	From	To
TC	Cont.	0- 0- 0	24- 0- 0
or	48 0"	0- 0- 0	24- 0- 0
BC	Cont.	0- 0- 0	24- 0- 0
or	120 0"	0- 0- 0	24- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1015		83 R
C	1112		83 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	5.5"	1.5"

Plus 21 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 BC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
Top Chords			
A -F	0.35	1707 C	0.02 0.33
F -B	0.35	1535 C	0.02 0.33
B -G	0.35	1533 C	0.02 0.33
G -C	0.35	1705 C	0.02 0.33
Bottom Chords			
A -E	0.65	1533 T	0.31 0.34
E -D	0.65	1008 T	0.20 0 45
D -C	0.65	1530 T	0.31 0.34
Webs			
F -E	0.08	330 C	
E -B	0.14	632 T	
B -D	0.14	629 T	
D -G	0.07	328 C	

TL Defl -0.25" in E -D L/999
LL Defl -0.12" in E -D L/999
Shear // Grain in A -F 0.21

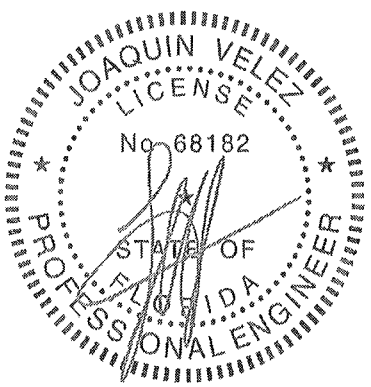
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.97
F	MT20	2.0x 4.0	Ctr	Ctr	0 30
B	MT20	4 0x 4.0	Ctr	Ctr	0.97
G	MT20	2.0x 4.0	Ctr	Ctr	0.30
C	MT20	3.0x 4.0	Ctr	Ctr	0.97
E	MT20	3.0x 4.0	Ctr	Ctr	0.50
D	MT20	4.0x 6.0	Ctr	-1.0	0.91

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

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by.
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Risk Category . II
Mean Roof Height. 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 1707 Lbs
Max tens. force 1533 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

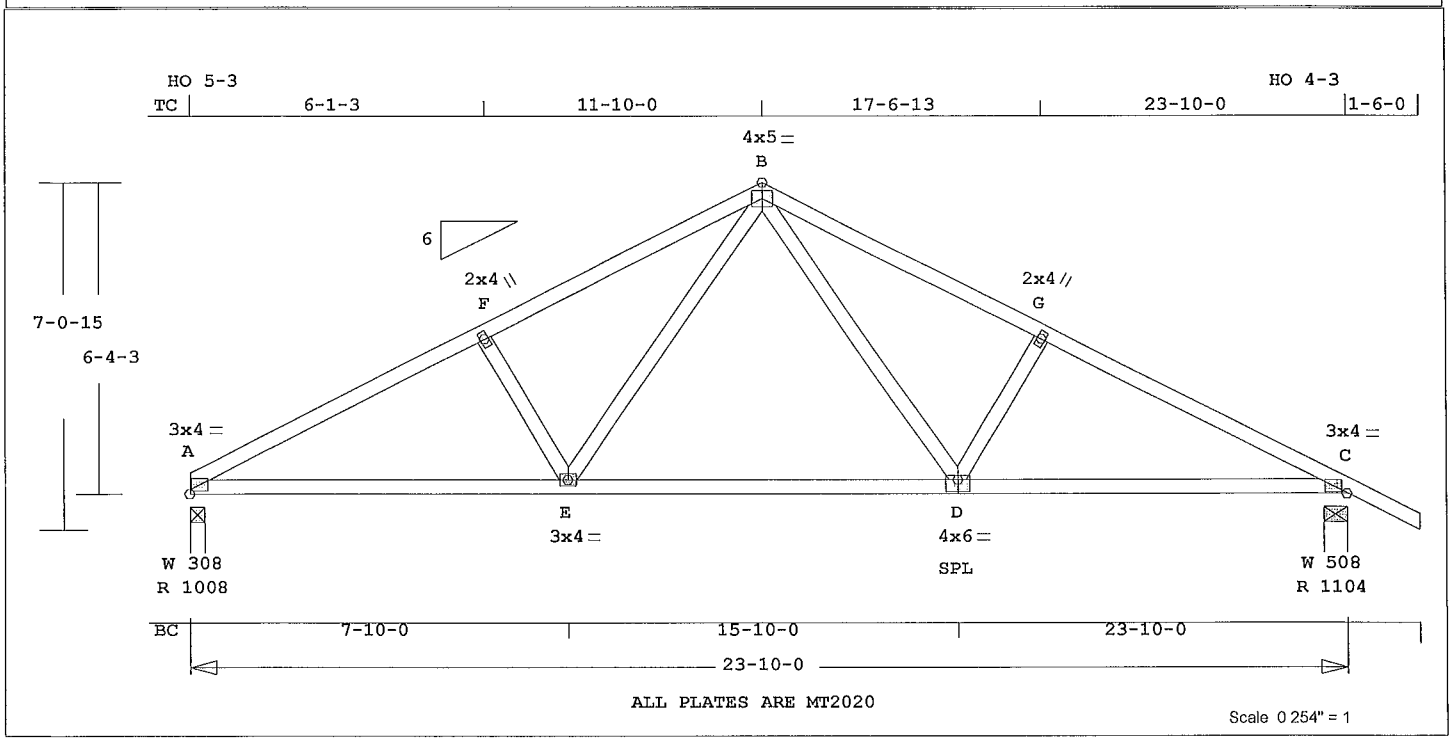


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	B3	2	TR	231000	6	0	1- 6- 0	T5054372

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 138 2 LBS

Online Plus -- Version 30 0.023
RUN DATE: 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 36	2x 4	SP-#2
BC	0 67	2x 4	SP-#2
WB	0 14	2x 4	SP-#2

Brace truss as follows

	O C.	From	To
TC	Cont.	0- 0- 0	23-10- 0
or	48.0"	0- 0- 0	23-10- 0
BC	Cont.	0- 0- 0	23-10- 0
or	120.0"	0- 0- 0	23-10- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1008		82 R
C	1105		83 R

Jt	Brg Size	Required
A	3.5"	1.5"
C	5.5"	1.5"

Plus 21 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 BC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
	----------Top Chords----------		
A -F	0.36	1664 C	0.02 0.34
F -B	0.32	1493 C	0.05 0.27
B -G	0.34	1519 C	0.02 0.32
G -C	0.34	1690 C	0.02 0.32
	--------Bottom Chords---------		
A -E	0 61	1486 T	0 30 0 31
E -D	0 67	994 T	0.20 0 47
D -C	0 66	1517 T	0 31 0.35
	----------Webs----------		
F -E	0.07	310 C	
E -B	0.13	593 T	
B -D	0.14	631 T	
D -G	0.07	326 C	

TL Defl -0.26" in E -D L/999
LL Defl -0.13" in E -D L/999
Shear // Grain in B -G 0 21

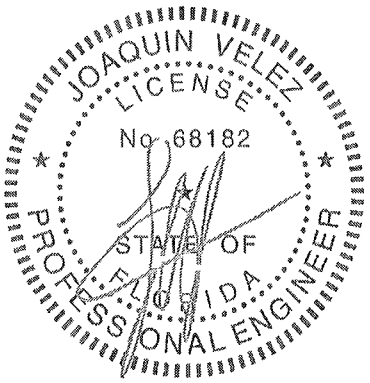
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 4.0	Ctr	Ctr	0.95
F	MT20	2.0x 4.0	Ctr	Ctr	0.30
B	MT20	4.0x 5.0	Ctr	Ctr	0 71
G	MT20	2.0x 4.0	Ctr	Ctr	0.30
C	MT20	3.0x 4.0	Ctr	Ctr	0 96
E	MT20	3.0x 4.0	Ctr	Ctr	0.47
D	MT20	4.0x 6.0	Ctr-1.0		0.92

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

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Risk Category : II
Mean Roof Height 15-0
Exposure Category· B
Building Type Enclosed
TC Dead Load: 6.0 psf
BC Dead Load 6.0 psf
Max comp. force 1690 Lbs
Max tens. force 1517 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection.

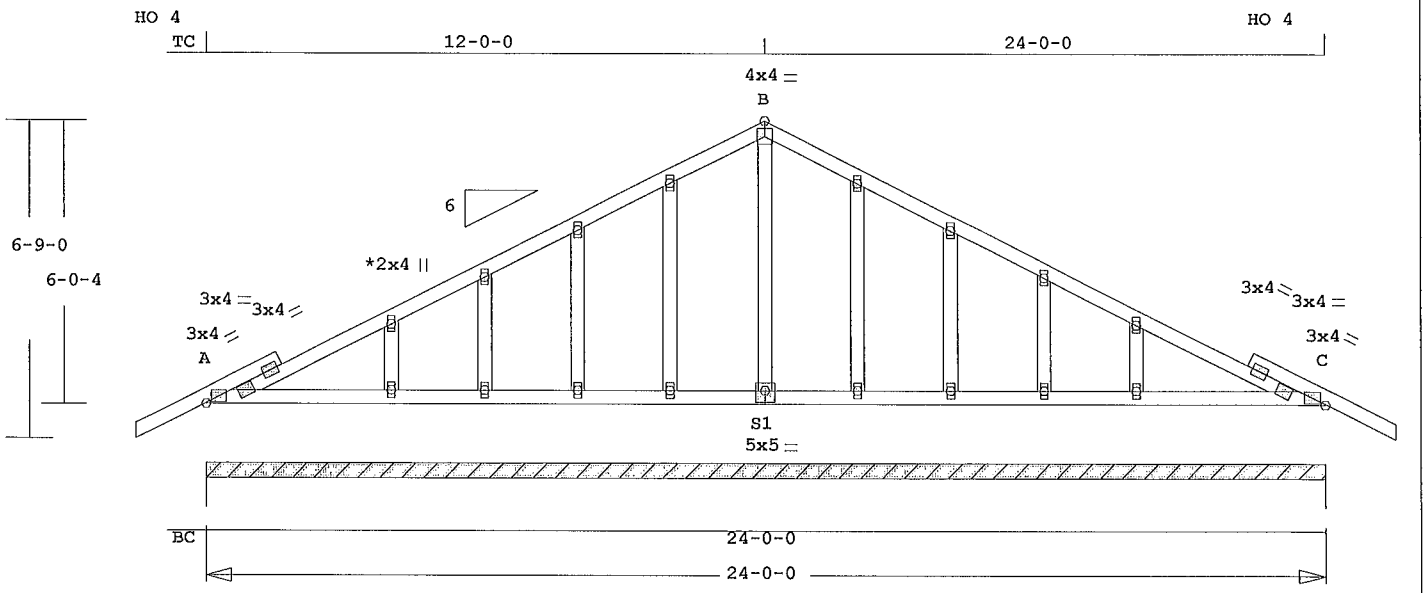


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	B4GE	1	TR	240000	6	0	0	T5054373

WHIDDON



ALL PLATES ARE MT2020

See Joint D For Typical Gable Plate Size and Placement

Scale 0 244 = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 162 1 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 10	2x 4	SP-#2
BC	0 09	2x 4	SP-#2
GW	0 05	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	24- 0- 0
or	48 0"	0- 0- 0	24- 0- 0
BC	Cont	0- 0- 0	24- 0- 0
or	72 0"	0- 0- 0	24- 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

	Fb	Fc	Ft	Emin
TC	1 15	1 10	1 10	1 10
BC	1 10	1 10	1 10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1920		78 R

Jt	Brg Size	Required
A	288 0"	0"-to- 288"

Plus 21 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 10	118 C	0 00 0 10
D -F	0 10	129 C	0 00 0 10
F -H	0 04	117 C	0 00 0 04
H -J	0 04	119 C	0 00 0 04
J -B	0 04	156 T	0 02 0 02
B -M	0 04	156 T	0 02 0 02
M -O	0 04	119 C	0 00 0 04
O -Q	0 04	117 C	0 00 0 04
Q -S	0 10	129 C	0 00 0 10
S -C	0 10	118 C	0 00 0 10
Bottom Chords			
A -E	0 09	8 T	0 00 0 09
E -G	0 06	0 T	0 00 0 06
G -I	0 02	0 T	0 00 0 02
I -K	0 02	0 T	0 00 0 02
K -S1	0 02	0 T	0 00 0 02
S1-N	0 02	0 T	0 00 0 02
N -P	0 02	0 T	0 00 0 02
P -R	0 02	0 T	0 00 0 02
R -T	0 06	0 T	0 00 0 06
T -C	0 09	8 T	0 00 0 09
Gable Webs			
E -D	0 02	200 C	
G -F	0 01	96 C	
I -H	0 03	124 C	
K -J	0 05	120 C	
S1-B	0 04	64 C	
N -M	0 05	120 C	
P -O	0 03	124 C	
R -Q	0 01	96 C	
T -S	0 02	200 C	

TL Defl -0 01" in A -E L/999
LL Defl 0 00" in A -E L/999
Shear // Grain in A -D 0 13

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

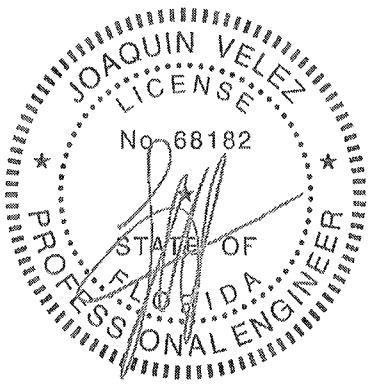
Jt	Type	Plt Size	X	Y	JSI
A	MT20	3 0x 4 0	Ctr	Ctr	0 52
D	MT20	2 0x 4 0	Ctr	Ctr	0 00
F	MT20	2 0x 4 0	Ctr	Ctr	0 00
H	MT20	2 0x 4 0	Ctr	Ctr	0 00
J	MT20	2 0x 4 0	Ctr	Ctr	0 00
B	MT20	4 0x 4 0	Ctr	Ctr	0 43
M	MT20	2 0x 4 0	Ctr	Ctr	0 00
O	MT20	2 0x 4 0	Ctr	Ctr	0 00
Q	MT20	2 0x 4 0	Ctr	Ctr	0 00
S	MT20	2 0x 4 0	Ctr	Ctr	0 00
C	MT20	3 0x 4 0	Ctr	Ctr	0 52
E	MT20	2 0x 4 0	Ctr	Ctr	0 00
G	MT20	2 0x 4 0	Ctr	Ctr	0 00
I	MT20	2 0x 4 0	Ctr	Ctr	0 00
K	MT20	2 0x 4 0	Ctr	Ctr	0 00
S1	MT20	5 0x 5 0	Ctr-0 5	0	39
N	MT20	2 0x 4 0	Ctr	Ctr	0 00
P	MT20	2 0x 4 0	Ctr	Ctr	0 00
R	MT20	2 0x 4 0	Ctr	Ctr	0 00
T	MT20	2 0x 4 0	Ctr	Ctr	0 00

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To FBC2010 TPI 2007
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
Truss designed for wind loads in the plane of the truss only For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified Building Designer as per ANSI/TPI 1
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
Max comp force 200 Lbs
Max tens force 156 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

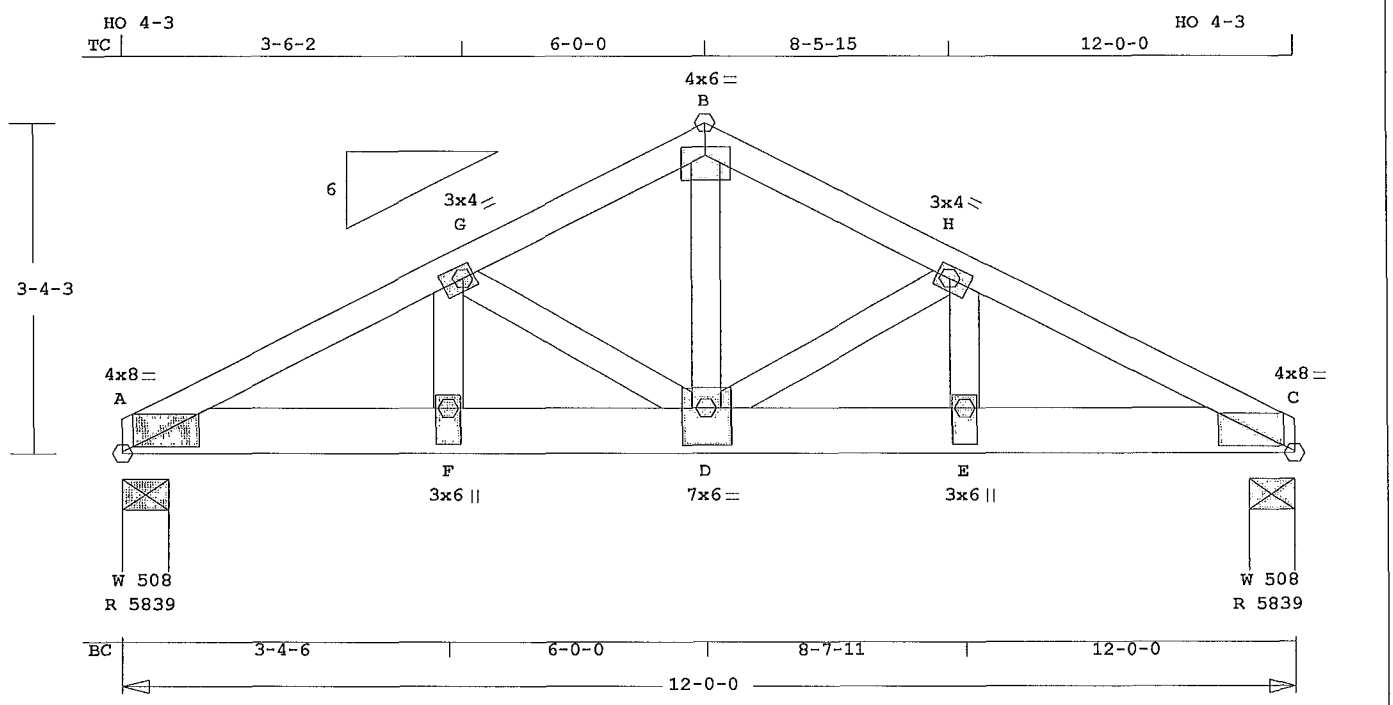


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	C1GIR	1*2P	TR	120000	6	0	0	T5054374

WHIDDON



ALL PLATES ARE MT2020

Scale 0 511 = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 79 9 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13
****
* 2-Ply Truss *
****

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 49	2x 4	SP-#2
BC	0 50	2x 6	SP-SS
WB	0 62	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	12- 0- 0
or	42 0"	0- 0- 0	12- 0- 0
BC	Cont	0- 0- 0	12- 0- 0
or	120 0"	0- 0- 0	12- 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

	Fb	Fc	Ft	Emin
TC	1 00	1 00	1 00	1 00
BC	1 00	1 00	1 00	1 00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	5840		35 R
C	5840		35 R

Jt	Brg Size	Required
A	5 5"	3 4"
C	5 5"	3 4"

LC# 1 Girder Loading
Dur Fctrs - Lbr 1 25 Plt 1 25

plf -	Dead	Live*	From	To
TC V	20	40	0 0'	12 0'
BC V	467	447	0 0'	12 0'

Plus 21 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 49	9042 C	0 24 0 25
G -B	0 23	6495 C	0 20 0 03
B -H	0 23	6495 C	0 20 0 03
H -C	0 49	9042 C	0 24 0 25
--------Bottom Chords---------			
A -F	0 50	8103 T	0 27 0 23
F -D	0 39	8103 T	0 27 0 12
D -E	0 39	8103 T	0 27 0 12
E -C	0 50	8103 T	0 27 0 23
------------Webs------------			
F -G	0 27	2416 T	
G -D	0 16	2667 C	
D -B	0 62	5535 T	
D -H	0 16	2667 C	
E -H	0 27	2416 T	

TL Defl -0 17" in D -E L/772
LL Defl -0 07" in D -E L/999
Shear // Grain in A -F 0 56

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	4 0x 8 0	Ctr-0	1 0	99
G	MT20	3 0x 4 0-0	4-0	2 0	92
B	MT20	4 0x 6 0	Ctr-1	0 0	93
H	MT20	3 0x 4 0 0	4-0	2 0	92
C	MT20	4 0x 8 0	Ctr-0	1 0	99
F	MT20	3 0x 6 0	Ctr-1	4 0	52
D	MT20	7 0x 6 0	Ctr-1	0 0	92
E	MT20	3 0x 6 0	Ctr-1	4 0	52

REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS

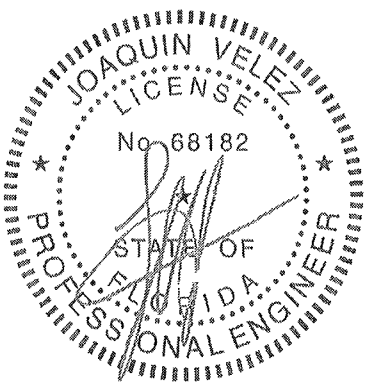
NOTES
Trusses Manufactured by Mayo Truss Co Inc
Analysis Conforms To
FBC2010
TPI 2007
Girder Common
Loading BC
Span 46- 8- 0
2 COMPLETE TRUSSES REQUIRED
Fasten plies together in staggered pattern

Connector	Rows	Spacing
TC 10d Gun Nails	1	12 0 in
BC 10d Gun Nails	2	7 0 in
WB 10d Gun Nails	1	8 0 in

10d gun nails (0 131"x3") must be installed as noted above, as each layer is applied
Design checked for 10 psf non-concurrent LL on BC
Use properly rated hangers for loads framing into girder truss
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location

Wind Speed	120 mph
Risk Category	II
Mean Roof Height	15-0
Exposure Category	B
Building Type	Enclosed
TC Dead Load	6 0 psf
BC Dead Load	6 0 psf

Max comp force 9042 Lbs
Max tens force 8103 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

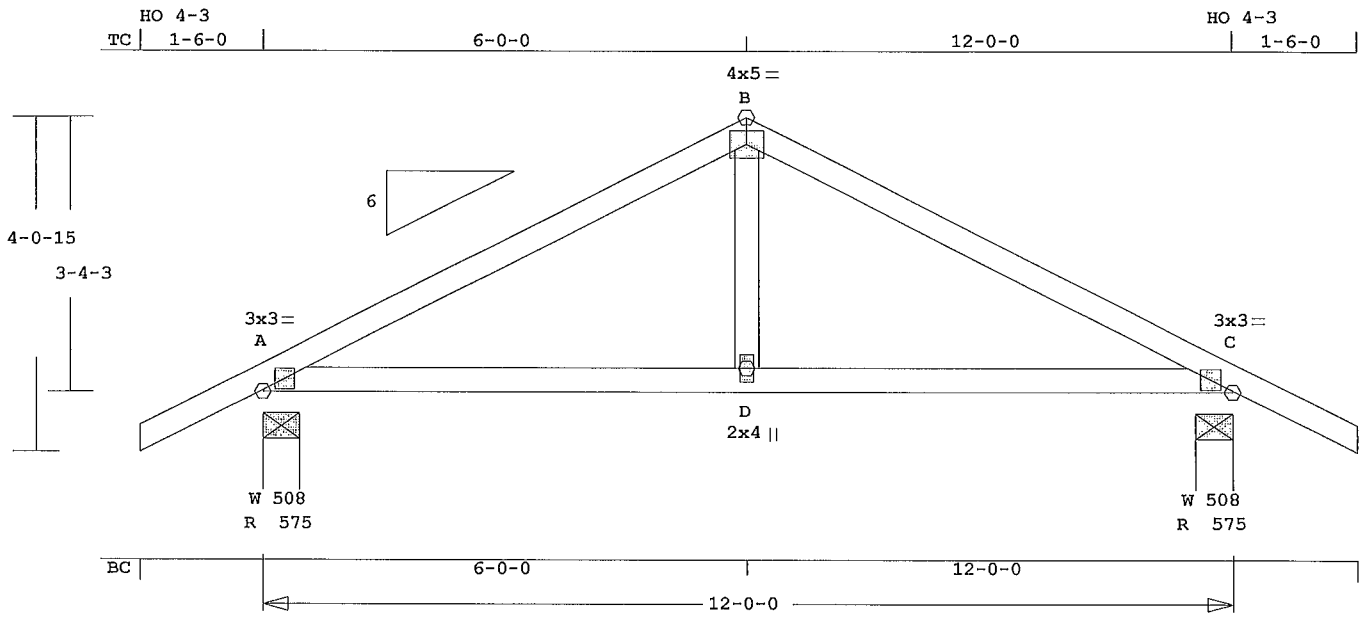


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	C2	1	TR	120000	6	1- 6- 0	1- 6- 0	T5054375

WHIDDON



ALL PLATES ARE MT2020

Scale 0 425 = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 60 1 LBS

Online Plus -- Version 30.0.023
RUN DATE· 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.32	2x 4	SP-#2
BC	0.31	2x 4	SP-#2
WB	0.04	2x 4	SP-#2

Brace truss as follows·

	O.C.	From	To
TC	Cont.	0- 0- 0	12- 0- 0
or	48.0"	0- 0- 0	12- 0- 0
BC	Cont	0- 0- 0	12- 0- 0
or	120.0"	0- 0- 0	12- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	576		35 R
C	576		35 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	5.5"	1.5"

Plus 21 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.32	584 C	0.00 0.32
B -C	0.32	584 C	0.00 0.32
--------Bottom Chords---------			
A -D	0.31	525 T	0.10 0.21
D -C	0.31	525 T	0.10 0.21
----------Webs----------			
D -B	0.04	265 T	

TL Defl -0.06" in D -C L/999
LL Defl -0.02" in D -C L/999
Shear // Grain in A -B 0.19

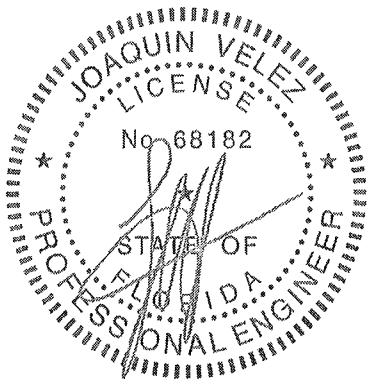
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 3.0	Ctr	Ctr	0.57
B	MT20	4.0x 5.0	Ctr	Ctr	0 69
C	MT20	3.0x 3.0	Ctr	Ctr	0.57
D	MT20	2.0x 4.0	Ctr	Ctr	0.24

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

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as
Components and Claddings* for Exterior zone location.
Wind Speed. 120 mph
Risk Category : II
Mean Roof Height: 15-0
Exposure Category: B
Building Type Enclosed
TC Dead Load· 6.0 psf
BC Dead Load· 6.0 psf
Max comp. force 584 Lbs
Max tens. force 525 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

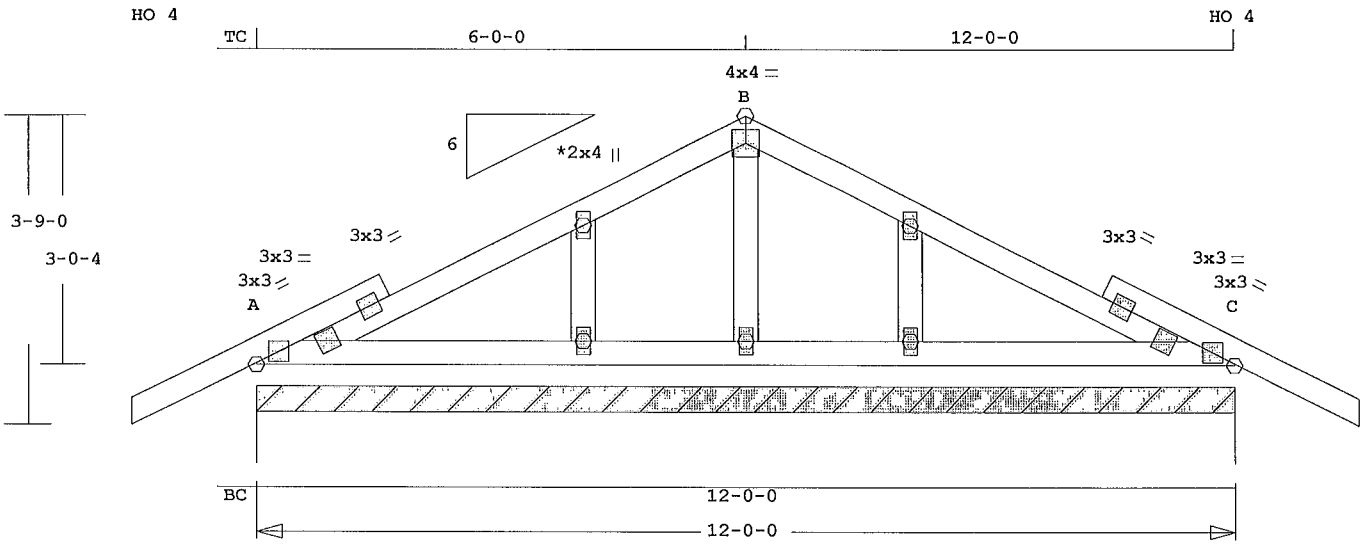


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	C3GE	1	TR	120000	6	0	0	T5054376

WHIDDON



ALL PLATES ARE MT2020

See Joint D For Typical Gable Plate Size and Placement

Scale 0.427 = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 69.1 LBS

Online Plus -- Version 30.0.023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.09	2x 4	SP-#2
BC	0.08	2x 4	SP-#2
GW	0.03	2x 4	SP-#2

Brace truss as follows.

	O C	From	To
TC	Cont.	0- 0- 0	12- 0- 0
or	48 0"	0- 0- 0	12- 0- 0
BC	Cont.	0- 0- 0	12- 0- 0
or	120.0"	0- 0- 0	12- 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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	960		31 R

Jt	Brg Size	Required
A	144.0"	0"-to- 144"

Plus 21 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	0.09	181 C	0.00	0.09
D -B	0.09	206 C	0.00	0.09
B -G	0.09	206 C	0.00	0.09
G -C	0.09	181 C	0.00	0.09
--------Bottom Chords---------				
A -E	0.08	5 T	0.00	0.08
E -F	0.06	0 T	0.00	0.06
F -H	0.06	0 T	0.00	0.06
H -C	0.08	5 T	0.00	0.08
----------Gable Webs----------				
E -D	0.03	205 C		
F -B	0.02	106 T		
H -G	0.03	205 C		

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

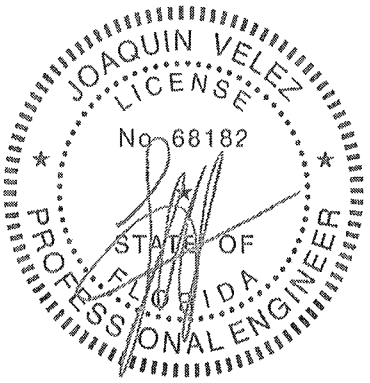
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3.0x 3.0	Ctr	Ctr	0.57
D	MT20	2.0x 4.0	Ctr	Ctr	0.00
B	MT20	4.0x 4.0	Ctr	Ctr	0.43
G	MT20	2.0x 4.0	Ctr	Ctr	0.00
C	MT20	3.0x 3.0	Ctr	Ctr	0.57
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:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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.
Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified Building Designer as per ANSI/TPI 1.
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed: 120 mph
Risk Category II
Mean Roof Height: 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 206 Lbs
Max tens. force 173 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

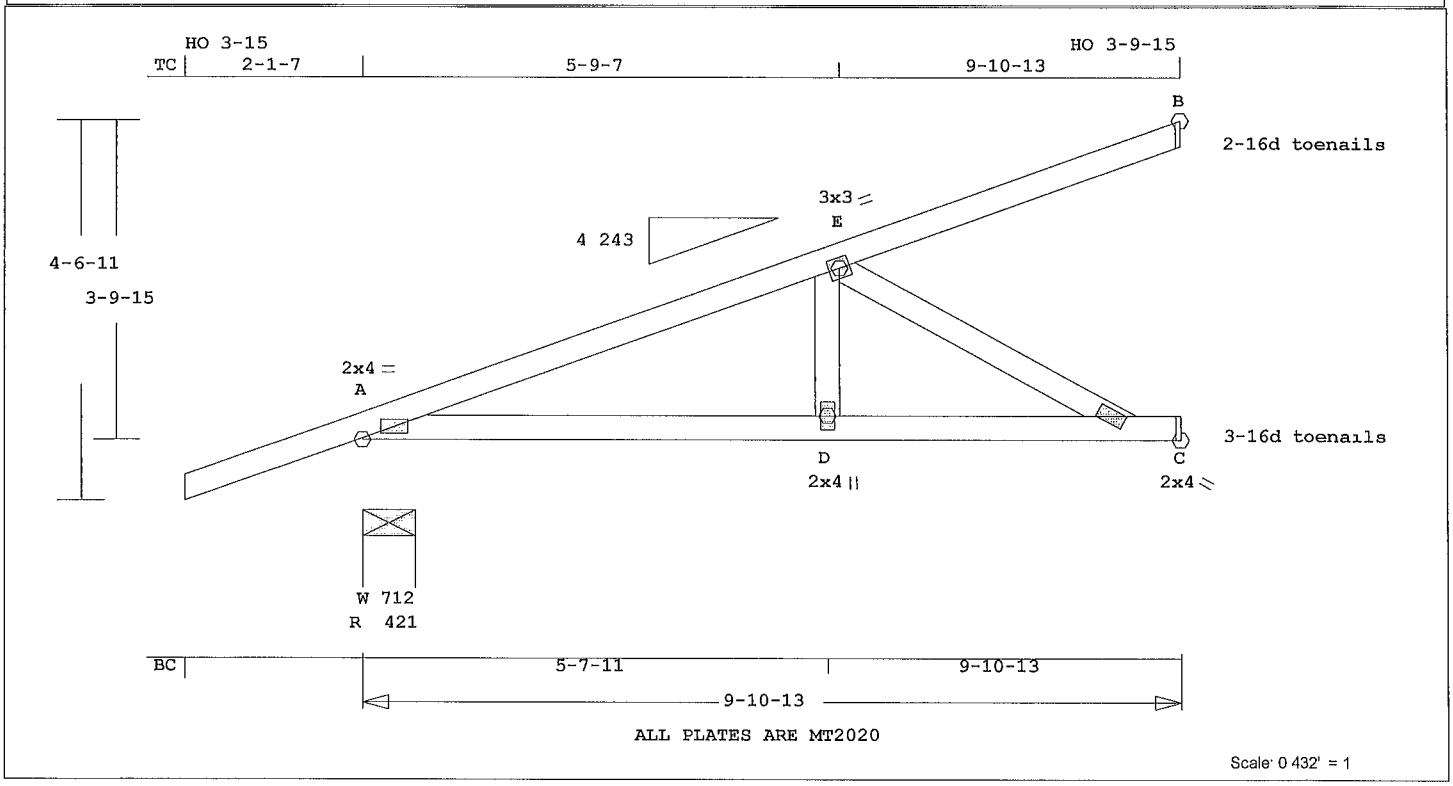


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	CJ1	4	MONO.DD	91013	4.243	2- 1- 7	0	T5054377

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 53 9 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 41	2x 4	SP-#2
BC	0 49	2x 4	SP-#2
WB	0 21	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont.	0- 0- 0	9- 7- 5
or	48 0"	0- 0- 0	9- 7- 5
BC	Cont	0- 0- 0	9- 7- 5
or	117 3"	0- 0- 0	9- 7- 5

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

	Fb	Fc	Ft	Emin
TC	1 00	1 00	1 00	1 00
BC	1 00	1 00	1 00	1 00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	422		81 R
C	355		
B	207	42 U	55 R

Jt	Brg Size	Required
A	7 8"	1 5"
C	3 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 18 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 29	610 C	0 00 0 29
E -B	0 41	78 C	0 00 0 41
		Bottom Chords	
A -D	0 27	589 T	0 08 0 19
D -C	0 49	589 T	0 13 0 36
C -C	0 31	0 T	0 00 0 31
		Webs	
D -E	0 05	278 T	
E -C	0 21	672 C	

TL Defl -0 08" in D -C L/999
LL Defl -0 03" in D -C L/999
Shear // Grain in C -C 0 45

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	2 0x 4 0	Ctr	Ctr	0 72
E	MT20	3 0x 3 0	Ctr	Ctr	0 45
D	MT20	2 0x 4 0	Ctr	Ctr	0 25
C	MT20	2 0x 4 0	Ctr	Ctr	0 43

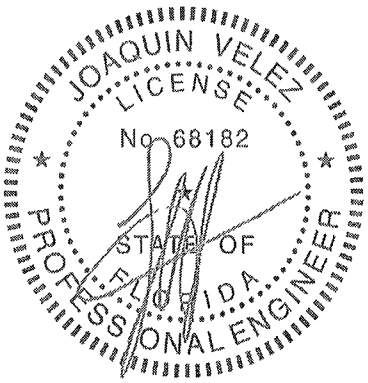
REVIEWED BY
MiTek Industries, Inc
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES
Trusses Manufactured by
Mayo Truss Co Inc.
Analysis Conforms To
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load. 6 0 psf
Max comp force 672 Lbs
Max tens force 589 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection

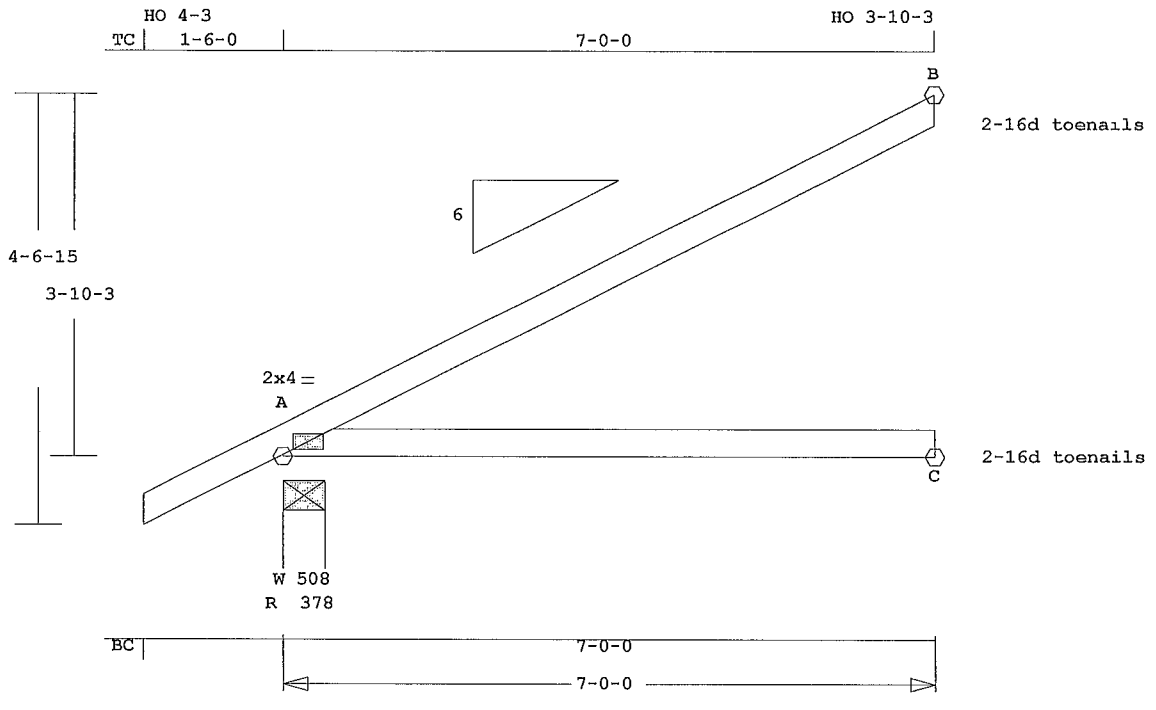


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	J1	24	JCA2	70000	6	1- 6- 0	0	T5054378

WHIDDON



ALL PLATES ARE MT2020

Scale 0 488' = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 31 5 LBS

Online Plus -- Version 30.0 023
RUN DATE. 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 72	2x 4	SP-#2
BC	0 48	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	7- 0- 0
or	48 0"	0- 0- 0	7- 0- 0
BC	Cont.	0- 0- 0	7- 0- 0
or	84 0"	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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1 10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	379		76 R
C	132		
B	188	42 U	52 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	3.5"	1.5"
B	1.5"	1.5"

Plus 18 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	0.72	114 C	0.00 0.72
--------Bottom Chords---------			
A -C	0.48	0 T	0.00 0.48

TL Defl -0.21" in A -C L/351
LL Defl -0.08" in A -C L/890
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	0.65

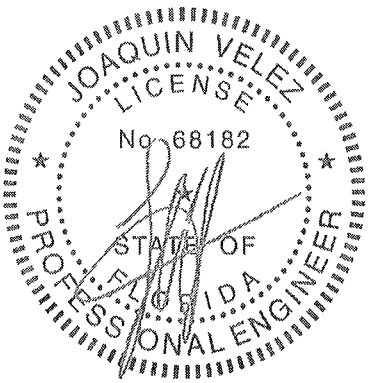
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.

Wind Speed: 120 mph
Risk Category : II
Mean Roof Height: 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 114 Lbs
Max tens. force 33 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

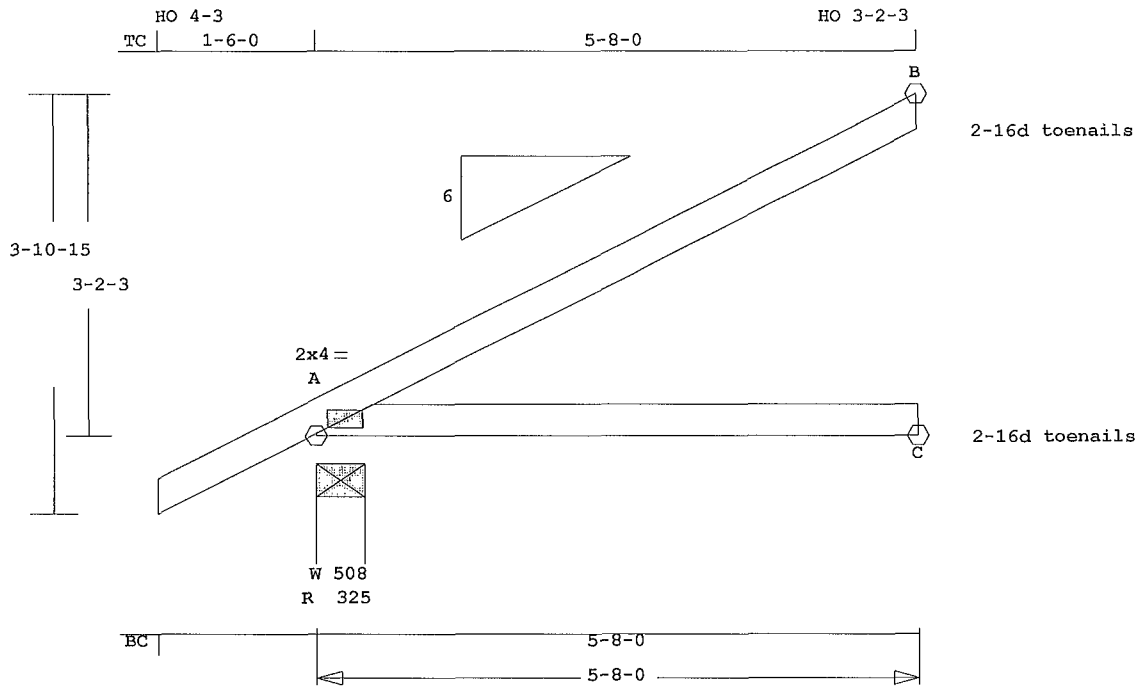


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	J1B	6	JCA2	50800	6	1- 6- 0	0	T5054379

WHIDDON



MiTek® Online Plus™ APPROX TRUSS WEIGHT 26 1 LBS

Online Plus -- Version 30.0 023
RUN DATE: 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.43	2x 4	SP-#2
BC	0.29	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5- 8- 0
or	48.0"	0- 0- 0	5- 8- 0
BC	Cont.	0- 0- 0	5- 8- 0
or	68.0"	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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	326		61 R
C	107		
B	152	34 U	42 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	3.5"	1.5"
B	1.5"	1.5"

Plus 18 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	101 C	0.00 0.43
--------Bottom Chords---------			
A -C	0.29	0 T	0.00 0.29

TL Defl -0.09" in A -C L/671
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	0.65

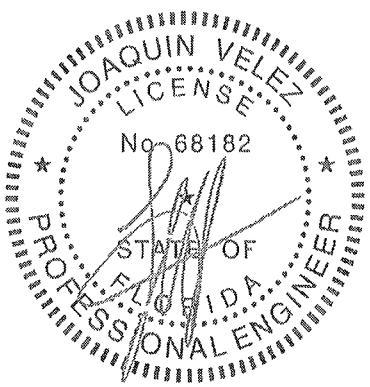
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES·
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.

Wind Speed: 120 mph
Risk Category : II
Mean Roof Height. 15-0
Exposure Category· B
Building Type: Enclosed
TC Dead Load 6 0 psf
BC Dead Load 6 0 psf
Max comp. force 101 Lbs
Max tens. force 27 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection

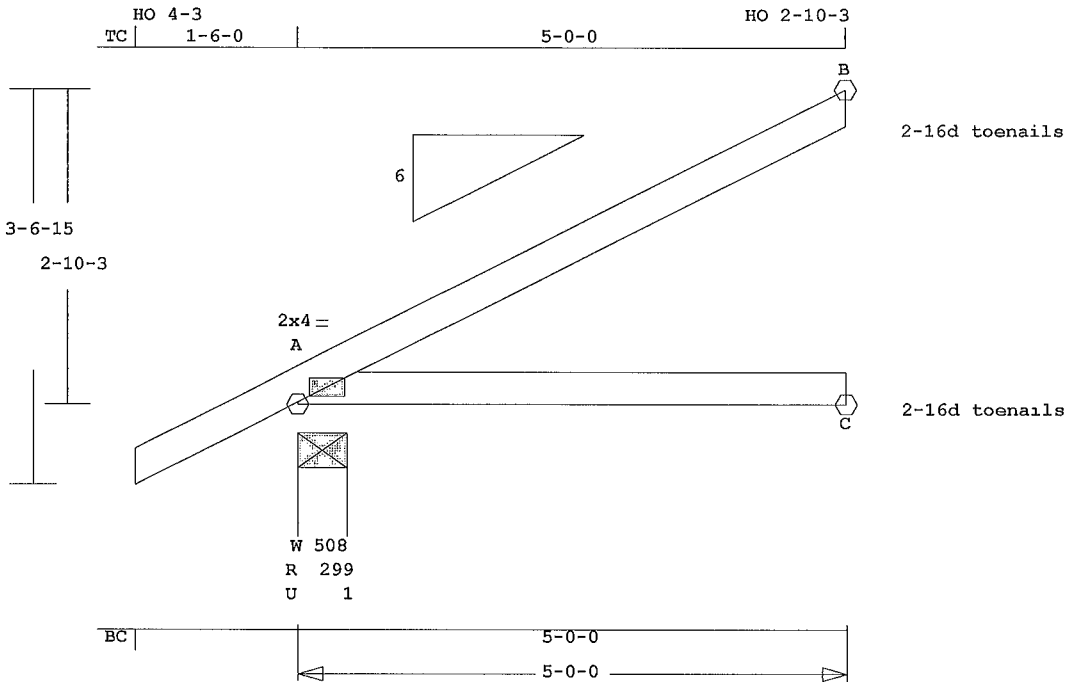


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	J2	8	JCA2	50000	6	1- 6- 0	0	T5054380

WHIDDON



ALL PLATES ARE MT2020

Scale 0 572' = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 23 4 LBS

Online Plus -- Version 30.0.023
RUN DATE: 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.31	2x 4	SP-#2
BC	0.22	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	5- 0- 0
or	48.0"	0- 0- 0	5- 0- 0
BC	Cont.	0- 0- 0	5- 0- 0
or	60.0"	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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	300	1 U	54 R
C	94		
B	133	30 U	37 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	3.5"	1.5"
B	1.5"	1.5"

Plus 18 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	0.31	92 C	0.00 0.31
--------Bottom Chords---------			
A -C	0.22	0 T	0.00 0.22

TL Defl -0.05" in A -C L/987
LL Defl -0.02" in A -C L/999
Shear // Grain in A -B 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	0.65

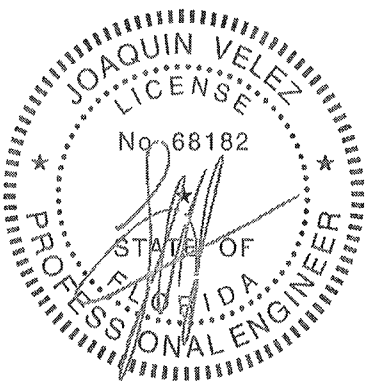
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.

Wind Speed: 120 mph
Risk Category II
Mean Roof Height: 15-0
Exposure Category. B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 92 Lbs
Max tens. force 24 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.

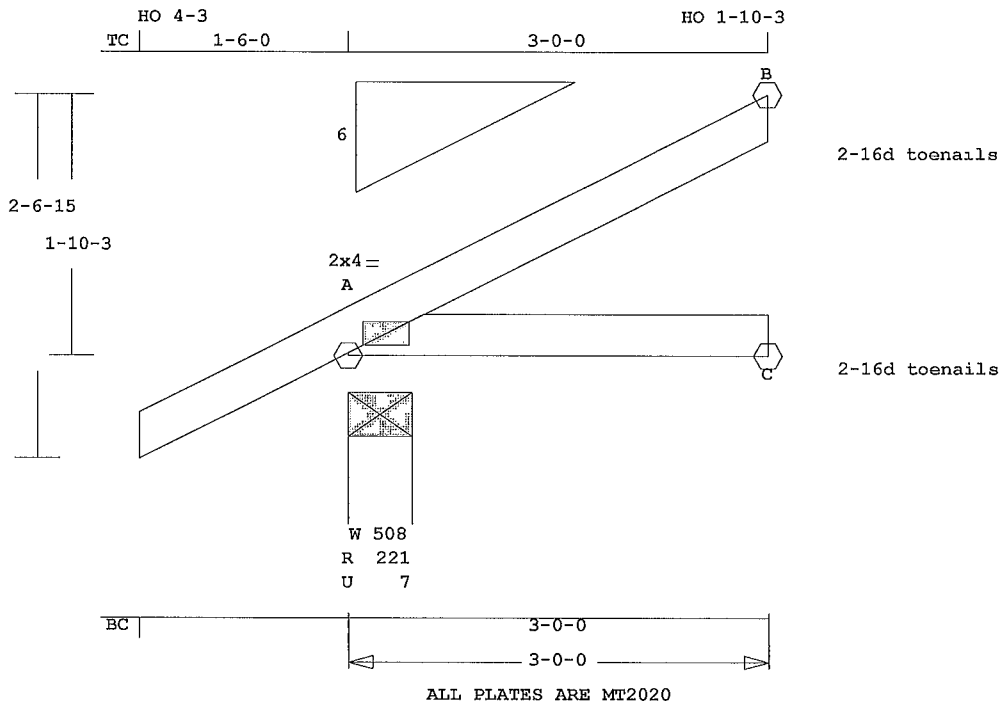


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	J3	8	JCA2	30000	6	1- 6- 0	0	T5054381

WHIDDON



ALL PLATES ARE MT2020

Scale 0 731 = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 15 4 LBS

Online Plus -- Version 30.0 023
RUN DATE· 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0.09	2x 4	SP-#2
BC	0.06	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC	Cont.	0- 0- 0	3- 0- 0
or	36.0"	0- 0- 0	3- 0- 0
BC	Cont.	0- 0- 0	3- 0- 0
or	36.0"	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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	222	7 U	32 R
C	56		
B	78	18 U	22 R

Jt	Brg Size	Required
A	5.5"	1.5"
C	3.5"	1.5"
B	1.5"	1.5"

Plus 18 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl-CSI-Bnd
----------Top Chords----------			
A -B	0.09	56 C	0.00 0.09
--------Bottom Chords---------			
A -C	0.06	0 T	0.00 0.06

TL Defl -0.01" in A -C L/999
LL Defl 0.00" in A -C L/999
Shear // Grain in A -B 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	2.0x 4.0	Ctr	Ctr	0.65

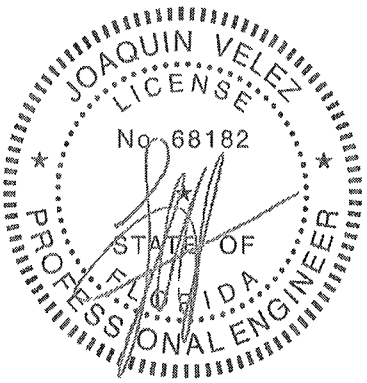
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as
Components and Claddings* for Exterior zone location.

Wind Speed· 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load· 6 0 psf
BC Dead Load. 6.0 psf
Max comp. force 56 Lbs
Max tens. force 14 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection

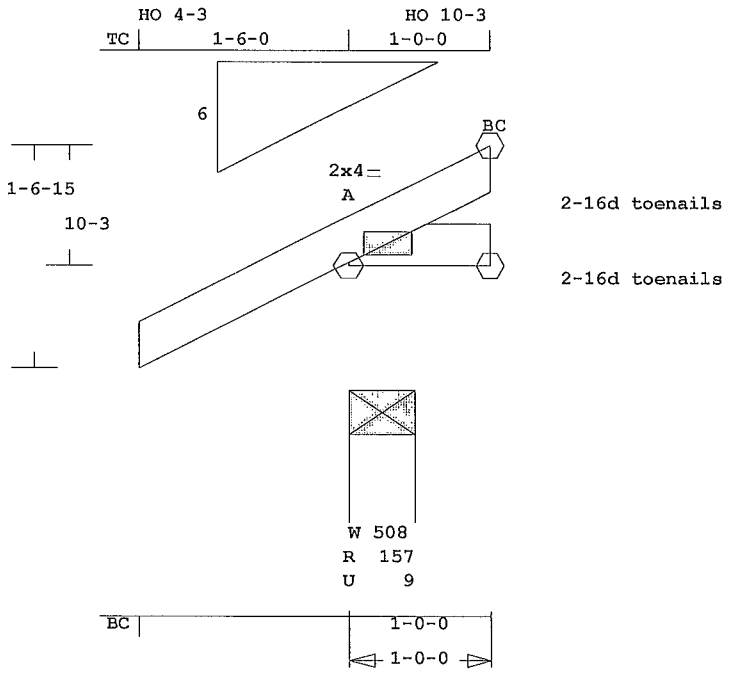


FL Cert. 6634

September 27,2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	J4	8	JCA2	10000	6	1- 6- 0	0	T5054382

WHIDDON



ALL PLATES ARE MT2020

Scale 0 731" = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 7 4 LBS

Online Plus -- Version 30.0 023
RUN DATE· 27-SEP-13

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	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
or	12.0"	0- 0- 0	1- 0- 0
BC	Cont.	0- 0- 0	1- 0- 0
or	12 0"	0- 0- 0	1- 0- 0

psf-Ld	Dead	Lıve
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

	Fb	Fc	Ft	Emin
TC	1.15	1.10	1.10	1.10
BC	1.10	1.10	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	158	10 U	10 R
B	20	5 U	
C	13		7 R

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

Plus 18 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	12 C	
--------Bottom Chords---------			
A -C	0.00	6 T	

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

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 0.65

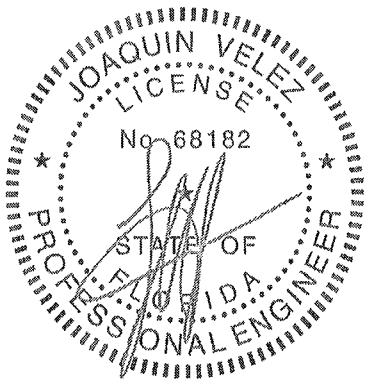
REVIEWED BY:
MiTek Industries, Inc.
6904 Parke East Blvd.
Tampa, FL 33610

REFER TO ONLINE PLUS GENERAL NOTES AND SYMBOLS SHEET FOR ADDITIONAL SPECIFICATIONS.

For proper installation of toe-nails, refer to the 2005 National Design Specification (NDS) for Wood Construction

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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 7-10
Truss is designed as Components and Claddings* for Exterior zone location.

Wind Speed: 120 mph
Risk Category II
Mean Roof Height: 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load. 6 0 psf
Max comp. force 12 Lbs
Max tens. force 6 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1.5 which is used to calculate total load deflection.



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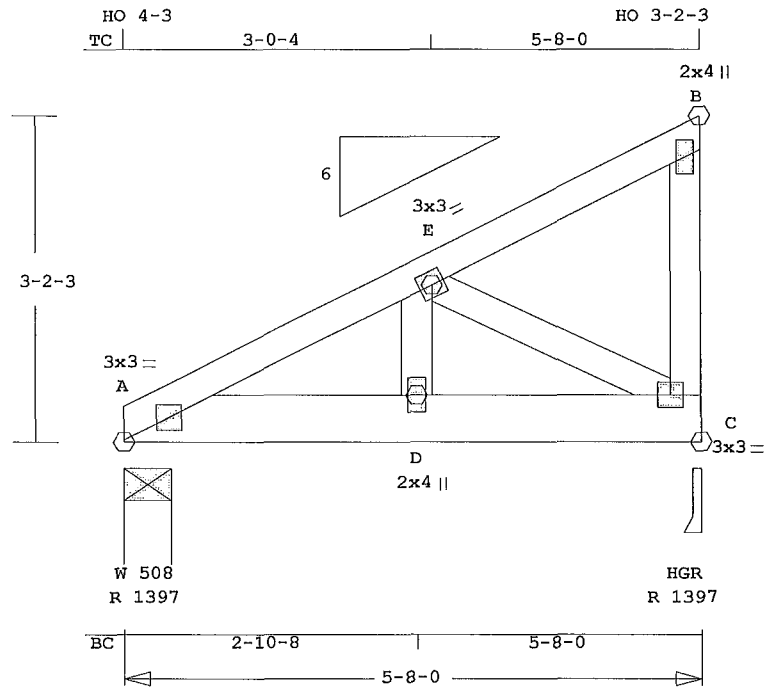
Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
WHIDDON	M1GIR	1*2P	JCA2	50800	6	0	0	T5054383

WHIDDON



ALL PLATES ARE MT2020

Scale 0 531" = 1

MiTek® Online Plus™ APPROX TRUSS WEIGHT 39 7 LBS

Online Plus -- Version 30 0 023
RUN DATE 27-SEP-13
****
* 2-Ply Truss *
****

Southern Pine lumber design values are those effective 06-01-13 by SPIB//ALSC UON

	CSI	-Size-	----Lumber----
TC	0 09	2x 4	SP-#2
BC	0 26	2x 6	SP-#2
WB	0 13	2x 4	SP-#2

Brace truss as follows

	O C	From	To
TC	Cont	0- 0- 0	5- 8- 0
or	48 0"	0- 0- 0	5- 8- 0
BC	Cont	0- 0- 0	5- 8- 0
or	68 0"	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

	Fb	Fc	Ft	Emin
TC	1 00	1 00	1 00	1 00
BC	1 00	1 00	1 00	1 00

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
A	1398		30 R
C	1398		75 R

Jt	Brg Size	Required
A	5 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 7'
BC V	227	207	0 0'	5 7'

Plus 18 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 09	1551 C	0 00 0 09
E -B	0 05	87 C	0 00 0 05
--------Bottom Chords---------			
A -D	0 24	1409 T	0 11 0 13
D -C	0 26	1409 T	0 11 0 15
------------Webs------------			
D -E	0 13	1239 T	
E -C	0 09	1593 C	
C -B	0 02	125 T	WindLd

TL Defl -0 02" in A -D L/999
LL Defl -0 01" in A -D L/999
Shear // Grain in D -C 0 26

Plates for each ply each face
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area

Jt	Type	Plt Size	X	Y	JSI
A	MT20	3 0x 3 0	Ctr	Ctr	0 81
E	MT20	3 0x 3 0	Ctr	Ctr	0 89
B	MT20	2 0x 4 0	Ctr	Ctr	0 12
D	MT20	2 0x 4 0	Ctr	Ctr	0 57
C	MT20	3 0x 3 0	Ctr	Ctr	0 72

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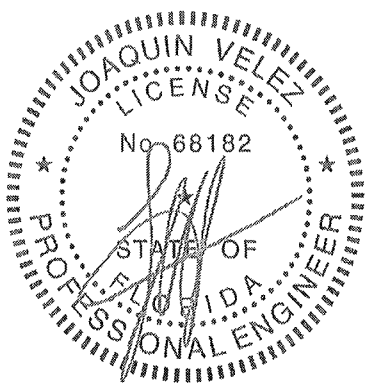
NOTES
Trusses Manufactured by
Mayo Truss Co Inc
Analysis Conforms To.
FBC2010
TPI 2007
Girder Common
Loading BC
Span 22- 8- 0
2 COMPLETE TRUSSES REQUIRED
Fasten plies together in staggered pattern

	Connector	Rows	Spacing
TC	10d Gun Nails	1	12.0 in
BC	10d Gun Nails	2	12 0 in
WB	10d Gun Nails	1	8 0 in

10d gun nails (0 131"x3") must be installed as noted above, as each layer is applied.

Design checked for 10 psf non-concurrent LL on BC
Use properly rated hangers for loads framing into girder truss
Wind Loads - ANSI / ASCE 7-10
Truss is designed as Components and Claddings* for Exterior zone location.
Wind Speed 120 mph
Risk Category II
Mean Roof Height 15-0
Exposure Category B
Building Type Enclosed
TC Dead Load 6 0 psf
BC Dead Load. 6 0 psf
Max comp force 1593 Lbs
Max tens force 1409 Lbs
Connector Plate Fabrication Tolerance = 20%
This truss is designed for a creep factor of 1 5 which is used to calculate total load deflection



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September 27,2013

ONLINE PLUS GENERAL NOTES & SYMBOLS

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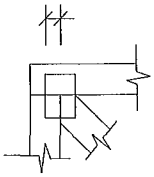
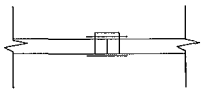


PLATE LOCATION

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

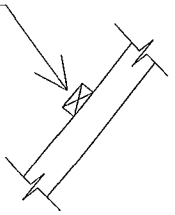
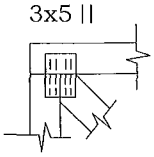


PLATE SIZE AND ORIENTATION

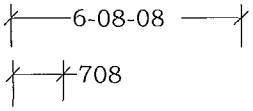
3x5 ||

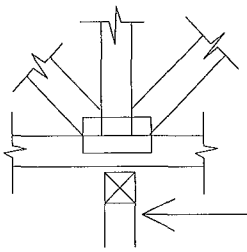


The first dimension is the width measured perpendicular to slots The second dimension is the length measured parallel to slots Plate orientation, shown next to plate size, indicates direction of slots in connector plates

DIMENSIONS

All dimensions are shown in FT IN SX (i e 6'-8 5" or 6 08 08) Dimensions less than one foot are shown in IN SX only (i e 708)





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

BEARING

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

Metal 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

Mitek Industries Inc bears no responsibility for the erection of trusses, field bracing or permanent truss bracing Refer to "Building Component Safety Information" (BCSI 1) 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 When truss hangers are specified on the Truss Design Drawing, they must be installed per manufacturer's details and specifications.

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 MANUFACTURER.

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