

73

Ridgway Roof Truss Company

(Trusses and Prefabricated Building Components)

Mailing: P.O. Box 1309 – Gainesville, Florida 32602
Physical: 235 SW 11th Place – Gainesville, Florida 32601

Telephone: (352) 376-4436
FAX: (352) 371-3316

Email: Sales@RidgwayTruss.com
www.RidgwayTruss.com

WARNING



**THESE TRUSSES MUST BE
HANDLED AND ERECTED
ACCORDING TO BCSI
SUMMARY SHEETS**

http://www.sbcindustry.docs/06_bcsi_booklet_final.pdf

SEE TABLE OF CONTENTS

**SEALED
DESIGN MANUAL**

PROJECT NAME: Campus USA Credit Union

JOB NUMBER: 13-0310

CONTRACTOR: Scherer Construction & Engineering

DATE: 05/24/2013 jrt

REVISIONS: _____

COMMENTS: _____



Lumber design values are in accordance with ANSI/TPI 1 section 6.3
These truss designs rely on lumber values established by others.

RE: 130310 - ROOF DESIGN INFO

MiTek USA, Inc.

6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: Scherer Construction & Engineering Project Name: Campus USA Credit Union Model: -
Lot/Block: - Subdivision: -
Address: 1678 W. US Hwy 90
City: Lake City State: FL

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: 130 mph Floor Load: N/A psf
Roof Load: 37.0 psf

This package includes 76 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	T4849129	R1	5/24/013	18	T4849146	R10	5/24/013
2	T4849130	R2	5/24/013	19	T4849147	R11	5/24/013
3	T4849131	R3	5/24/013	20	T4849148	R12	5/24/013
4	T4849132	R3A	5/24/013	21	T4849149	R13	5/24/013
5	T4849133	R3B	5/24/013	22	T4849150	R14	5/24/013
6	T4849134	R4	5/24/013	23	T4849151	R15	5/24/013
7	T4849135	R5	5/24/013	24	T4849152	R16	5/24/013
8	T4849136	R5A	5/24/013	25	T4849153	R17	5/24/013
9	T4849137	R5B	5/24/013	26	T4849154	R18	5/24/013
10	T4849138	R6	5/24/013	27	T4849155	R19	5/24/013
11	T4849139	R6A	5/24/013	28	T4849156	R20	5/24/013
12	T4849140	R6B	5/24/013	29	T4849157	R21	5/24/013
13	T4849141	R7	5/24/013	30	T4849158	R22	5/24/013
14	T4849142	R7A	5/24/013	31	T4849159	R23	5/24/013
15	T4849143	R7B	5/24/013	32	T4849160	R24	5/24/013
16	T4849144	R8	5/24/013	33	T4849161	R25	5/24/013
17	T4849145	R9	5/24/013	34	T4849162	R26	5/24/013

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

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

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.



FL Cert. 6634

May 24, 2013

Velez, Joaquin

1 of 2

RE: 130310 - ROOF DESIGN INFO

Site Information:

Customer Info: Scherer Construction & Engineering Project Name: Campus USA Credit Union Model: -
Lot/Block: - Subdivision: -
Address: 1678 W. US Hwy 90
City: Lake City State: FL

No.	Seal#	Truss Name	Date
35	T4849163	R32	5/24/013
36	T4849164	R33	5/24/013
37	T4849165	R34	5/24/013
38	T4849166	R35	5/24/013
39	T4849167	R36	5/24/013
40	T4849168	R27	5/24/013
41	T4849169	R28	5/24/013
42	T4849170	R29	5/24/013
43	T4849171	R30	5/24/013
44	T4849172	R31	5/24/013
45	T4849173	R37	5/24/013
46	T4849174	R38	5/24/013
47	T4849175	R39	5/24/013
48	T4849176	R40	5/24/013
49	T4849177	R41	5/24/013
50	T4849178	R42	5/24/013
51	T4849179	R43	5/24/013
52	T4849180	R44	5/24/013
53	T4849181	R45	5/24/013
54	T4849182	R46	5/24/013
55	T4849183	R47	5/24/013
56	T4849184	R48	5/24/013
57	T4849185	R49	5/24/013
58	T4849186	R50	5/24/013
59	T4849187	R50A	5/24/013
60	T4849188	R50B	5/24/013
61	T4849189	R51	5/24/013
62	T4849190	R52	5/24/013
63	T4849191	R53	5/24/013
64	T4849192	R55	5/24/013
65	T4849193	R56	5/24/013
66	T4849194	R57	5/24/013
67	T4849195	V1	5/24/013
68	T4849196	V2	5/24/013
69	T4849197	V3	5/24/013
70	T4849198	V4	5/24/013
71	T4849199	V5	5/24/013
72	T4849200	V6	5/24/013
73	T4849201	V7	5/24/013
74	T4849202	V8	5/24/013
75	T4849203	V9	5/24/013
76	T4849204	V10	5/24/013

Table of Contents

1.General Notes

**2.WTCA 1-1995 (Standard Responsibilities
in the Design Process involving Metal
Plate Connected Wood Trusses)**

3.Engineering (insert)

4.Layout of Truss Placement Plan (insert)

**5. Jobsite Package w/ BCSI B-1, B-2, B-3
and B-4(Handling, Installing and Bracing
Information)**

http://www.sbcindustry.com/docs/06_bcsi_booklet_final.pdf

6.Standard Chord and Web Repairs

7.Examples of Permanent Web Bracing



Wood Truss Council of America

5937 Meadowood Dr., Ste. 14 • Madison, WI 53711-4125 • 608/274-3329 (fax)

**Standard Responsibilities
in the Design Process
Involving Metal Plate
Connected Wood Trusses**

WTCA 1-1995

Developed by the WTCA Engineering Review Committee
in cooperation with the Truss Plate Institute

2.0 OWNER RESPONSIBILITIES

- 2.1 Directly or through its representatives, which may include the Contractor and/or Building Designer; (a) review and approve each Truss Design Drawing; (b) review and approve the Truss Placement Plan; (c) resolve and approve all design issues arising out of the preparation of each Truss Design Drawing and Truss Placement Plan; and (d) coordinate the return of each approved Truss Design Drawing and Truss Placement Plan to the Truss Manufacturer prior to truss manufacturing.

3.0 BUILDING DESIGNER RESPONSIBILITIES

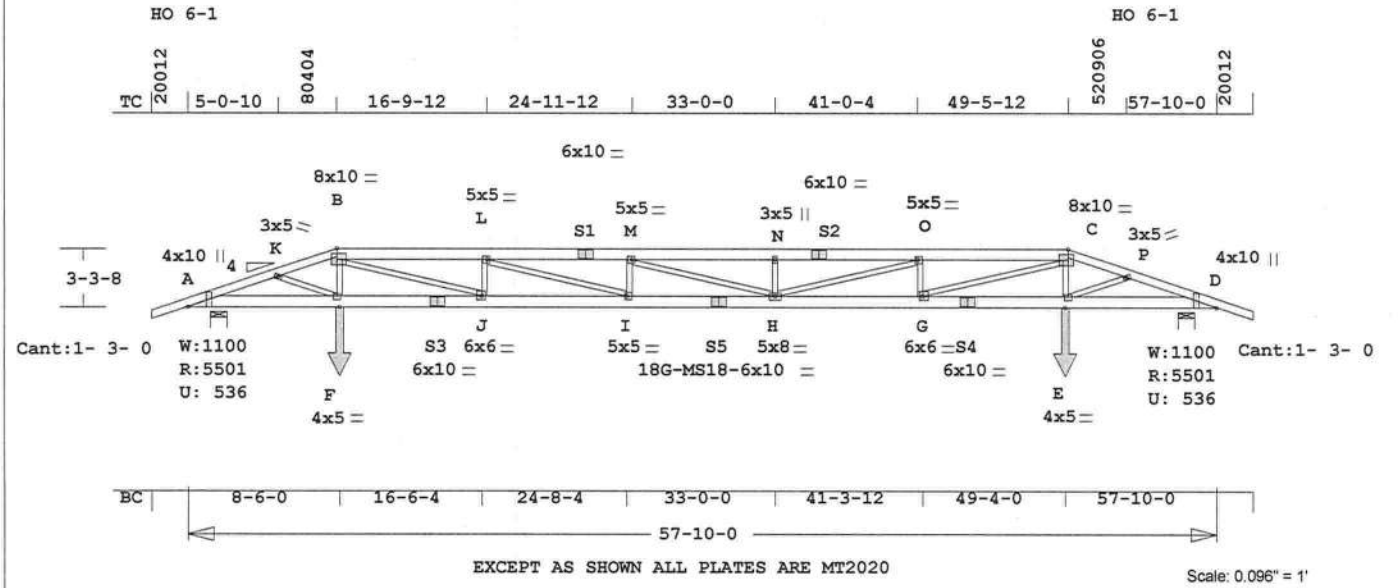
- 3.1 Design a structure suitable to ensure that the intended function of each Truss is not affected by adverse influences including, but not limited to, moisture, temperature, corrosive chemicals and gases;
- 3.2 Prepare the Construction Design Documents, showing all trussed areas, which must provide as a minimum the following:
 - 3.2.1 All truss orientations and locations;
 - 3.2.2 Information to fully determine all truss profiles;
 - 3.2.3 Adequate support of the Truss and all truss bearing conditions;
 - 3.2.4 Permanent bracing design for the structure including the Trusses, except as provided in 3.4 and 6.2.12.
 - 3.2.5 The location, direction and magnitude of all dead and live loads applicable to each Truss including, but not limited to, loads attributable to: roof, floor, partition, mechanical, fire sprinkler, attic, storage, wind, snow drift and seismic;
 - 3.2.6 All Truss anchorage designs required to resist uplift, gravity, and lateral loads;
 - 3.2.7 Allowable vertical and horizontal deflection criteria;
- 3.3 Review and approve the Truss Placement Plan and each Truss Design Drawing for conformance with the requirements and intent of the Construction Design Documents, the effect of each Truss Design Drawing and Truss Placement Plan on other parts of the structure, and the effect of the structure on each Truss.
- 3.4 Specify permanent lateral bracing where indicated by the Truss Designer on the Truss Design Drawings, to prevent buckling of the individual truss members due to design loads. The Building Designer shall specify how the permanent lateral bracing is to be anchored or restrained to prevent lateral movement if all truss members, so braced, buckle together. This shall be accomplished by: (a) anchorage to solid end walls; (b) permanent diagonal bracing in the plane of the web members; or (c) other means when demonstrated by the Building Designer to provide equivalent bracing.

4.0 CONTRACTOR RESPONSIBILITIES

- 4.1 Provide to the Truss Manufacturer the Construction Design Documents and all revisions and supplements thereto.
- 4.2 Review and approve the Truss Placement Plan and each Truss Design Drawing for conformance with the requirements and intent of the Construction Design Documents, and the effect of the Truss Placement Plan and each Truss Design Drawing on other trades involved in the construction of the structure and the effect of the other trades on the Trusses.
- 4.3 Coordinate the review, approval and return of each Truss Design Drawing and the Truss Placement Plan by the Owner and Building Designer.
- 4.4 Provide the approved Truss Design Drawings, approved Truss Placement Plans, and any supplemental information provided by the Truss Manufacturer to the individual or organization responsible for the installation of the Trusses.
- 4.5 Comply with the field storage, handling, installation, permanent bracing, anchorage, connections and field assembly requirements of the Construction Design Documents.
- 4.6 Determine and install the temporary bracing for the structure, including the Trusses.

Job 130310	Mark R1	Quan 1*4P	Type HIPP	Span 571000	P1-H1 4	Left OH 2- 0-12	Right OH 2- 0-12	Engineering T4849129
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Campus USA Credit Union



Online Plus -- Version 30.0.023
 RUN DATE: 23-MAY-13

 * 4-Ply Truss *

Southern Pine lumber design
 values are those effective
 06-01-12 by SPIB//ALSC UCN
 CSI -Size- Lumber-
 TC 0.40 2x 6 SP-#2
 -- 0.15 2x 8 SP-2400f-2.0E
 B -S1 S1-S2 S2-C
 BC 0.30 2x 8 SP-2400f-2.0E
 WB 0.99 2x 4 SP-#3

Brace truss as follows:
 O.C. From To
 TC Cont. 0- 0- 0 57-10- 0
 or 48.0" 0- 0- 0 57-10- 0
 BC Cont. 0- 0- 0 57-10- 0
 or 120.0" 0- 0- 0 57-10- 0

psf-Ld Dead Live
 TC 7.0 20.0
 BC 10.0 0.0
 TC+BC 17.0 20.0
 Total 37.0 Spacing 24.0"
 Lumber Duration Factor 1.25
 Plate Duration Factor 1.25
 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 5502 537 U 39 R
 D 5502 537 U 39 R

Jt Brg Size Required
 A 11.0" 1.5"
 D 11.0" 1.5"

LC# 1 Girder Loading
 Dur Fctrs - Lbr 1.25 Plt 1.25
 plf - Dead Live* From To
 TC V 14 40 0.0' 57.8'
 BC V 20 0 0.0' 57.8'
 TC V 23 65 8.4' 49.5'
 BC V 32 0 8.5' 49.3'
 BC V 359 423 8.5' CL-LB
 BC V 359 423 49.3' 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-CST-Bnd
 -----Top Chords-----
 A -K 0.40 12643 C 0.02 0.38
 K -B 0.21 13629 C 0.03 0.18

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 551.3 LBS

B -L	0.11	22366	C	0.04	0.07
L -S1	0.15	27759	C	0.05	0.10
S1-M	0.15	27759	C	0.05	0.10
M -N	0.12	27746	C	0.05	0.07
N -S2	0.15	27746	C	0.05	0.10
S2-O	0.15	27746	C	0.05	0.10
O -C	0.11	22368	C	0.04	0.07
C -P	0.21	13629	C	0.03	0.18
P -D	0.40	12643	C	0.02	0.38

Bottom Chords

A -F	0.19	11685	T	0.10	0.09
F -S3	0.18	12934	T	0.11	0.07
S3-J	0.18	12934	T	0.11	0.07
J -I	0.27	22366	T	0.19	0.08
I -S5	0.30	27759	T	0.24	0.06
S5-H	0.30	27759	T	0.24	0.06
H -G	0.27	22368	T	0.19	0.08
G -S4	0.18	12934	T	0.11	0.07
S4-E	0.18	12934	T	0.11	0.07
E -D	0.19	11685	T	0.10	0.09

Webs

K -F	0.13	1365	T
F -B	0.06	761	T
B -J	0.99	9808	T
J -L	0.15	2550	C
L -I	0.57	5676	T
I -M	0.07	1262	C
M -H	0.01	149	T
H -N	0.07	1259	C
N -O	0.57	5661	T
O -S	0.15	2547	C
S -C	0.99	9810	T
C -E	0.06	761	T
E -P	0.13	1365	T

TL Defl -1.66" in I -H L/386
 LL Defl -0.73" in I -H L/861
 Shear // Grain in A -K 0.21

Plates for each ply each face.
 Plate - MT20 20 Ga, Gross Area
 Plate - MT2H 20 Ga, Gross Area
 Plate - MS18 18 Ga, Gross Area
 Jt Type Plt Size X Y JSI
 A MT20 4.0x10.0 3.3 1.2 0.91
 K MT20 3.0x 5.0 Ctr Ctr 0.16
 B MT20 8.0x10.0-0.5 Ctr 0.97
 L MT20 5.0x 5.0 1.0-0.2 0.76
 S1 MT20 6.0x10.0 Ctr Ctr 0.41
 M MT20 5.0x 5.0 1.0-0.2 0.11
 N MT20 3.0x 5.0 Ctr Ctr 0.07
 S2 MT20 6.0x10.0 Ctr Ctr 0.41
 O MT20 5.0x 5.0-1.0-0.2 0.76
 C MT20 8.0x10.0 0.5 Ctr 0.97
 P MT20 3.0x 5.0 Ctr Ctr 0.16
 D MT20 4.0x10.0-3.3 1.2 0.91
 F MT20 4.0x 5.0 Ctr-0.5 0.22
 S3 MT20 6.0x10.0 Ctr Ctr 0.63
 J MT20 6.0x 6.0-2.4 0.6 0.98
 I MT20 5.0x 5.0-1.0 0.2 0.76
 S5 MS18 6.0x10.0 Ctr Ctr 0.57

H MT20 5.0x 8.0 Ctr Ctr 0.83
 G MT20 6.0x 6.0 2.4 0.6 0.98
 S4 MT20 6.0x10.0 Ctr Ctr 0.63
 E MT20 4.0x 5.0 Ctr-0.5 0.22

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:
 RIDGWAY ROOF TRUSS
 Analysis Conforms To:
 FBC2010
 TPI 2007

Girder Step Down Hip
 Framing King Jacks
 Jack Open Faced
 Setback 8- 5-12

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

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

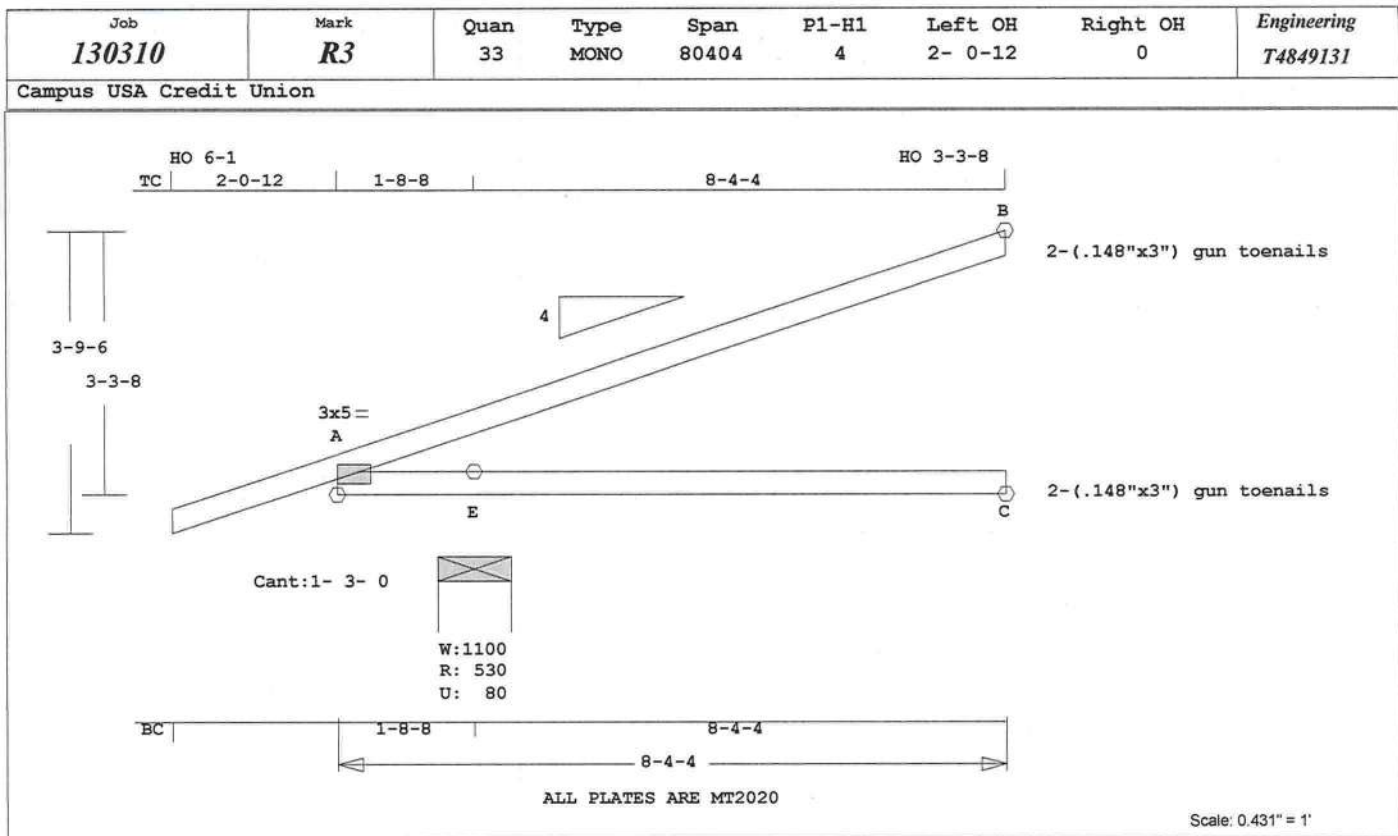
Web Connection Exception --
 Space screws or nails for the
 following webs-
 B -J @ 4" o.c.
 G -C @ 4" o.c.
 No bolts in 2x4s or smaller.
 Plus clusters of nails where
 shown.
 Plus use 1/2 In (ASTM-A307)
 thru bolts at each panel
 point and on each side of
 splices in 2x6 or larger
 chords only.

OR 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: 130 mph
 Risk Category : II
 Mean Roof Height: 16-0
 Exposure Category: B
 Building Type: Enclosed
 TC Dead Load: 4.0 psf



FL Cert. 6634

May 24, 2013



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design values are those effective 06-01-12 by SPIB//ALSC UON
CSI -Size- ----Lumber----
TC 0.86 2x 4 SP-#2
BC 0.82 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 8- 4- 4
or 48.0" 0- 0- 0 8- 4- 4
BC Cont. 0- 0- 0 8- 4- 4
or 100.2" 0- 0- 0 8- 4- 4

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"
Lumber	Duration Factor	1.25
Plate	Duration Factor	1.25
	Fb	Fc
TC	1.15	1.10
BC	1.10	1.10

Total Load Reactions (Lbs)
Jt Down Uplift Horiz-
E 530 80 U 75 R
C 114
B 171 71 U 50 R

Jt	Brg Size	Required
E	11.0"	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	Ax1-CSI-Bnd
-----Top Chords-----			
A -B	0.86	88 C	0.00 0.86
-----Bottom Chords-----			
A -E	0.82	175 T	0.00 0.82

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 36.7 LBS
E -C 0.43 0 T 0.00 0.43

TL Defl -0.14" in E -C L/488
LL Defl -0.09" in E -C L/813
LL Cant -0.09" in A -E L/169
Shear // Grain in A -E 0.56

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 0.8 0.2 0.61

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:
RIDGWAY ROOF TRUSS
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*

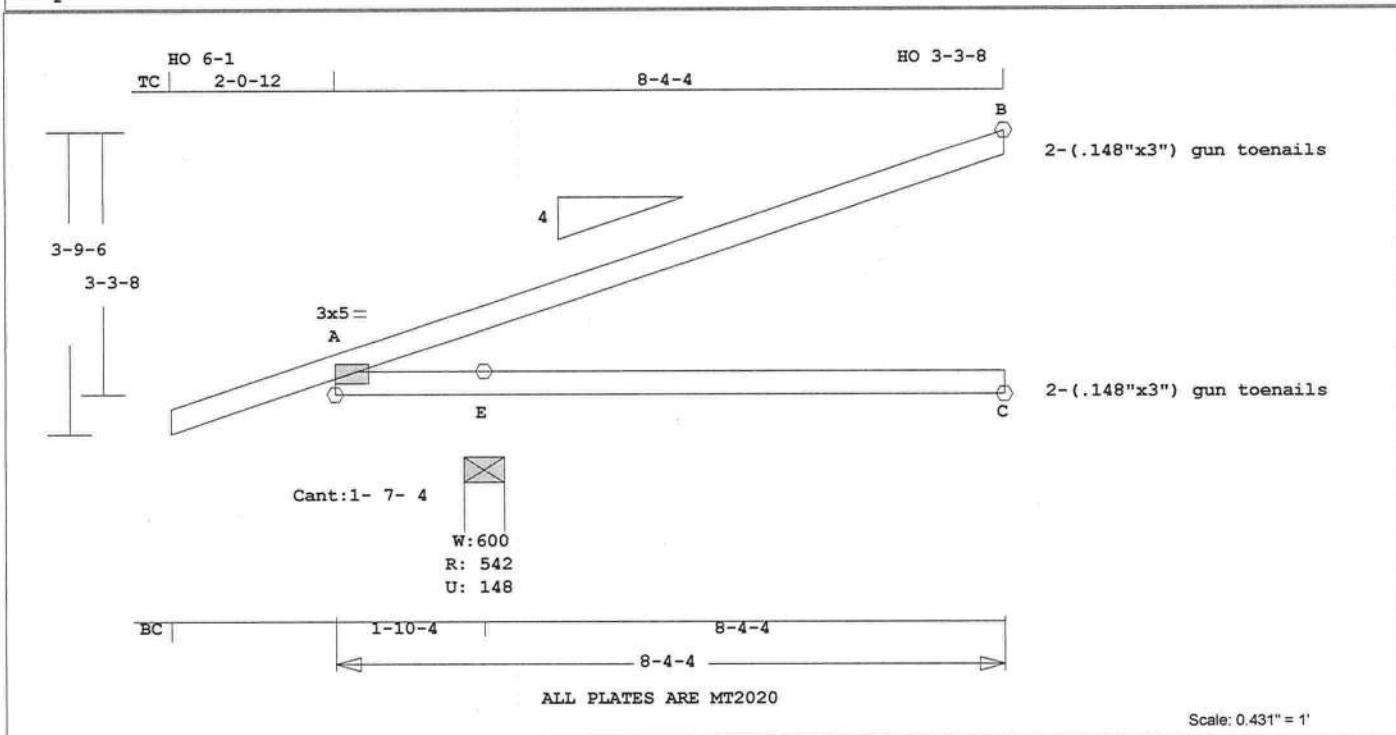
for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 88 Lbs
Max tens. force 175 Lbs
Connector Plate Fabrication
Tolerance = 20%
This truss is designed for a
creep factor of 1.5 which
is used to calculate total
load deflection.



FL Cert. 6634

May 24, 2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
130310	R3B	2	MONO	80404	4	2- 0-12	0	T4849133
Campus USA Credit Union								



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- ----Lumber----
TC 0.90 2x 4 SP-#2
BC 0.89 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 8- 4- 4
or 48.0" 0- 0- 0 8- 4- 4
BC Cont. 0- 0- 0 8- 4- 4
or 100.2" 0- 0- 0 8- 4- 4

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"
Lumber Duration Factor	1.25	
Plate Duration Factor	1.25	
	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 542 149 U 75 R
C 109 22 U
B 168 74 U 50 R

Jt	Brg Size	Required
E	6.0"	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	Ax1-CSI-Bnd
-----Top Chords-----			
A -B	0.90	90 C	0.00 0.90
-----Bottom Chords-----			
A -E	0.89	175 T	0.00 0.89

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 36.7 LBS
E -C 0.53 0 T 0.00 0.53

TL Defl -0.12" in E -C L/588
LL Defl 0.09" in E -C L/804
LL Cant -0.12" in A -E L/154
Shear // Grain in A -E 0.57

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 0.8 0.2 0.61

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:

RIDGWAY ROOF TRUSS
Analysis Conforms To:
FBC2010
TPI 2007

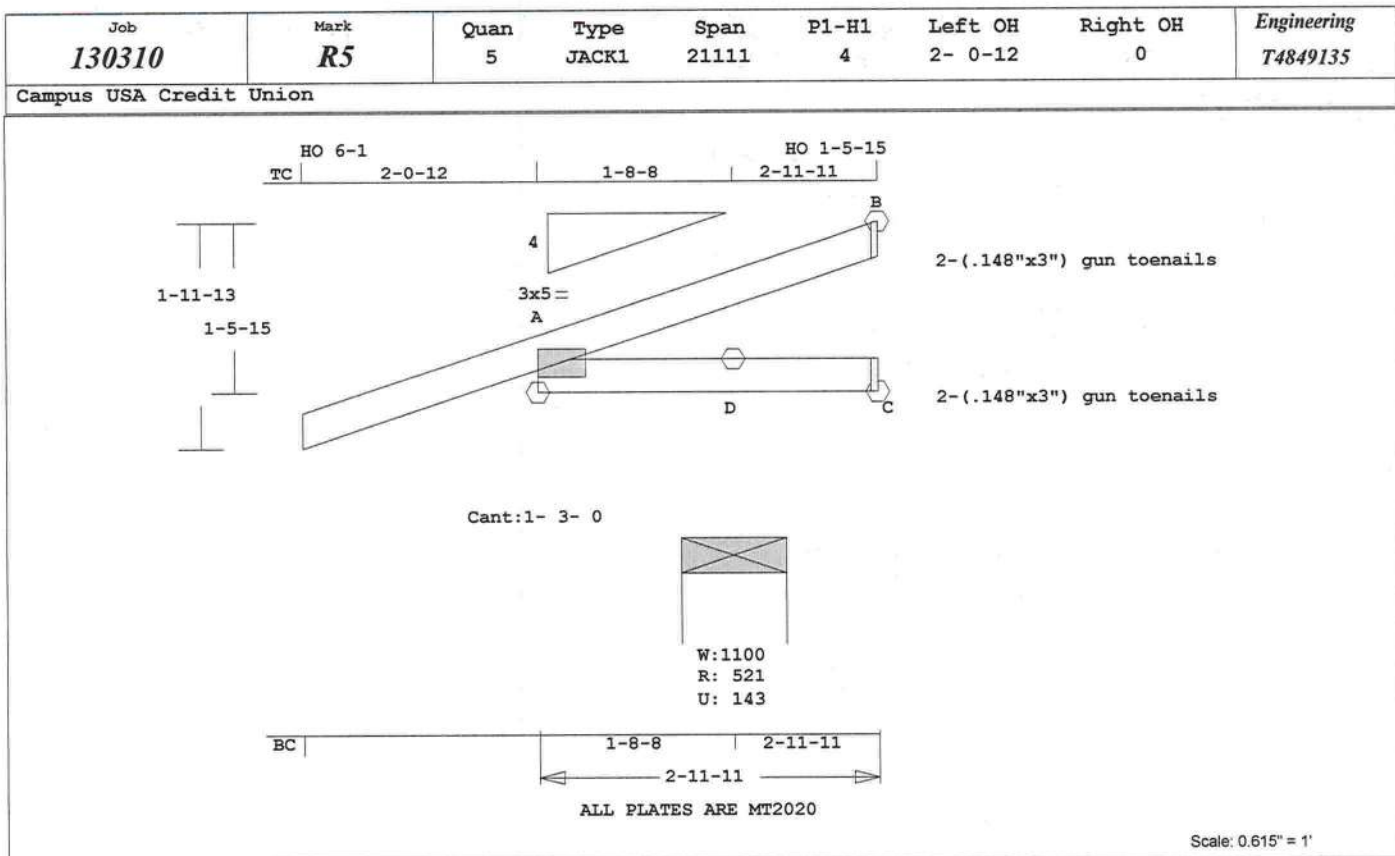
OH Loading
Soffit psf 2.0
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.

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: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
User-defined wind-exposed BC
regions --From-- ---To---
1- 7- 4 8- 4- 4
Max comp. force 90 Lbs
Max tens. force 175 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



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- ----Lumber-----
TC 0.33 2x 4 SP-#2
BC 0.73 2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	2-11-11
or 35.7"	0- 0- 0	2-11-11
BC Cont.	0- 0- 0	2-11-11
or 35.7"	0- 0- 0	2-11-11

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"
Lumber	Duration Factor	1.25
Plate	Duration Factor	1.25
	Fb	Fc
TC	1.15	1.10
BC	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
D	522	143 U	27 R
C	76	208 G	
B	46	20 U	18 R

G = Gravity Uplift

Jt	Brg Size	Required
D	11.0"	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	0.33	24 C	0.00	0.33

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 15.8 LBS

-----Bottom Chords-----
A -D 0.73 94 T 0.01 0.72
D -C 0.72 0 T 0.00 0.72

TL Defl 0.00" in E -C L/999
LL Defl 0.00" in E -C L/999
LL Cant -0.06" in A -D L/240
Shear // Grain in A -D 0.47

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 0.8 0.2 0.61

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:
RIDGWAY ROOF TRUSS
Analysis Conforms To:

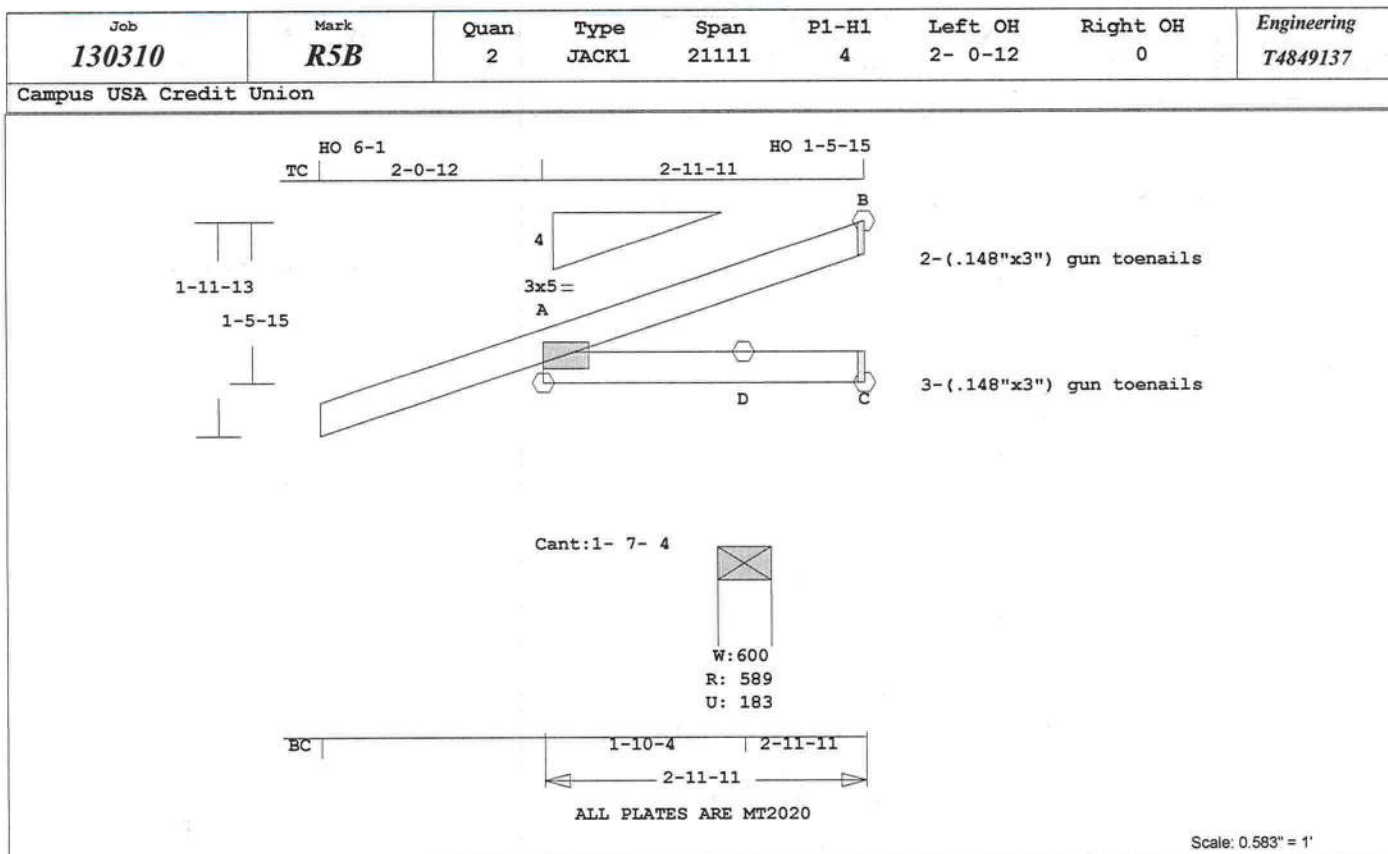
FBC2010
TPI 2007
OH Loading
Soffit psf 2.0
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.
Design checked for 10 psf non-
concurrent LL on BC.

Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 24 Lbs
Max tens. force 94 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

May 24, 2013



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- ----Lumber-----
TC 0.34 2x 4 SP-#2
BC 0.85 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 2-11-11
or 35.7" 0- 0- 0 2-11-11
BC Cont. 0- 0- 0 2-11-11
or 35.7" 0- 0- 0 2-11-11

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"
Lumber	Duration Factor	1.25
Plate	Duration Factor	1.25
	Fb	Fc
TC	1.15	1.10
BC	1.10	1.10

Total Load Reactions (Lbs)
Jt Down Uplift Horiz-
D 590 183 U 27 R
C 85 274 G
B 45 20 U 18 R
G = Gravity Uplift

Jt	Brg Size	Required
D	6.0"	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	0.34	23 C	0.00	0.34

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 15.8 LBS

-----Bottom Chords-----
A -D 0.85 94 T 0.01 0.84
D -C 0.84 0 T 0.00 0.84

TL Defl 0.00" in E -C L/999
LL Defl 0.00" in E -C L/999
LL Cant -0.08" in A -D L/247
Shear // Grain in A -D 0.49

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 0.8 0.2 0.61

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

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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:
RIDGWAY ROOF TRUSS
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: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
User-defined wind-exposed BC
regions --From-- --To--
1- 7- 4 2-11-11
Max comp. force 23 Lbs
Max tens. force 94 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.

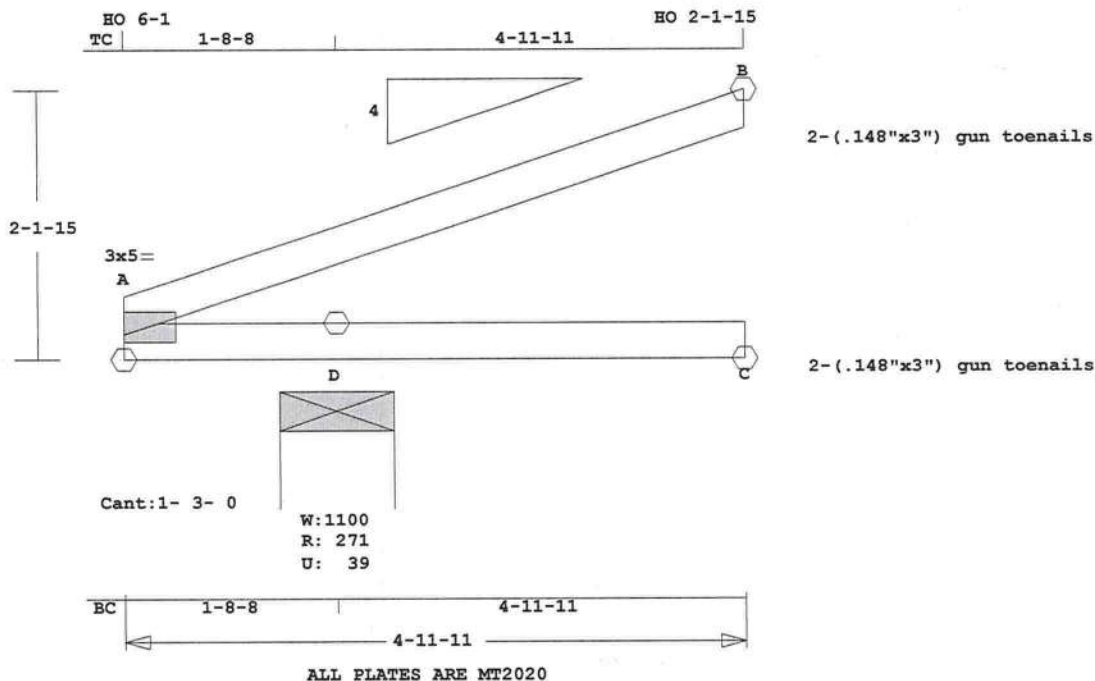


FL Cert. 6634

May 24, 2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
130310	R6A	1	MONO	41111	4	0	0	T4849139

Campus USA Credit Union



Scale: 0.673" = 1'

Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- ---Lumber---
TC 0.29 2x 4 SP-#2
BC 0.36 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 4-11-11
or 48.0" 0- 0- 0 4-11-11
BC Cont. 0- 0- 0 4-11-11
or 59.7" 0- 0- 0 4-11-11

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"
Lumber	Duration Factor	1.25
Plate	Duration Factor	1.25
	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 271 39 U 45 R
C 45 3 G
B 100 43 U 30 R
G = Gravity Uplift

Jt	Brg Size	Required
D	11.0"	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	0.29	66 C	0.00	0.29

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 19.5 LBS

-----Bottom Chords-----
A -D 0.36 131 T 0.02 0.34
D -C 0.25 0 T 0.00 0.25

TL Defl 0.01" in D -C L/999
LL Defl 0.01" in D -C L/999
LL Cant -0.03" in A -D L/434
Shear // Grain in A -D 0.26

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 0.8 0.2 0.61

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:
RIDGWAY ROOF TRUSS
Analysis Conforms To:

FBC2010
TPI 2007
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: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 66 Lbs
Max tens. force 131 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.

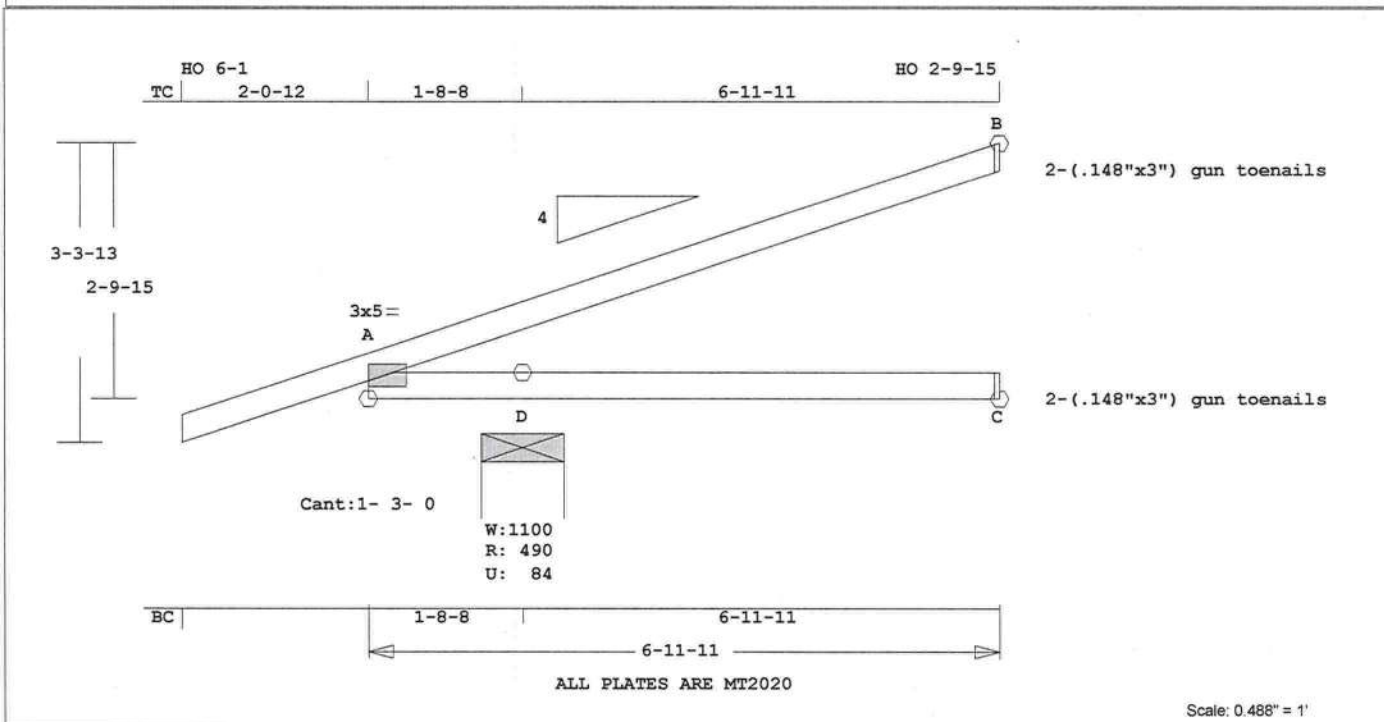


FL Cert. 6634

May 24, 2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
130310	R7	5	JACK1	61111	4	2- 0-12	0	T4849141

Campus USA Credit Union



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- ----Lumber-----
TC 0.67 2x 4 SP-#2
BC 0.65 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 6-11-11
or 48.0" 0- 0- 0 6-11-11
BC Cont. 0- 0- 0 6-11-11
or 83.7" 0- 0- 0 6-11-11

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"
Lumber	Duration Factor 1.25	
Plate	Duration Factor 1.25	
	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 491 84 U 62 R
C 84
B 135 58 U 42 R

Jt	Brg Size	Required
D	11.0"	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	0.67	79	C	0.00 0.67
-----Bottom Chords-----				
A -D	0.65	158	T	0.00 0.65

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 31.4 LBS

D -C 0.49 0 T 0.00 0.49

TL Defl 0.05" in D -C L/999
LL Defl 0.06" in D -C L/945
LL Cant -0.10" in A -D L/154
Shear // Grain in A -D 0.51

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 0.8 0.2 0.61

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:
RIDGWAY ROOF TRUSS

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.

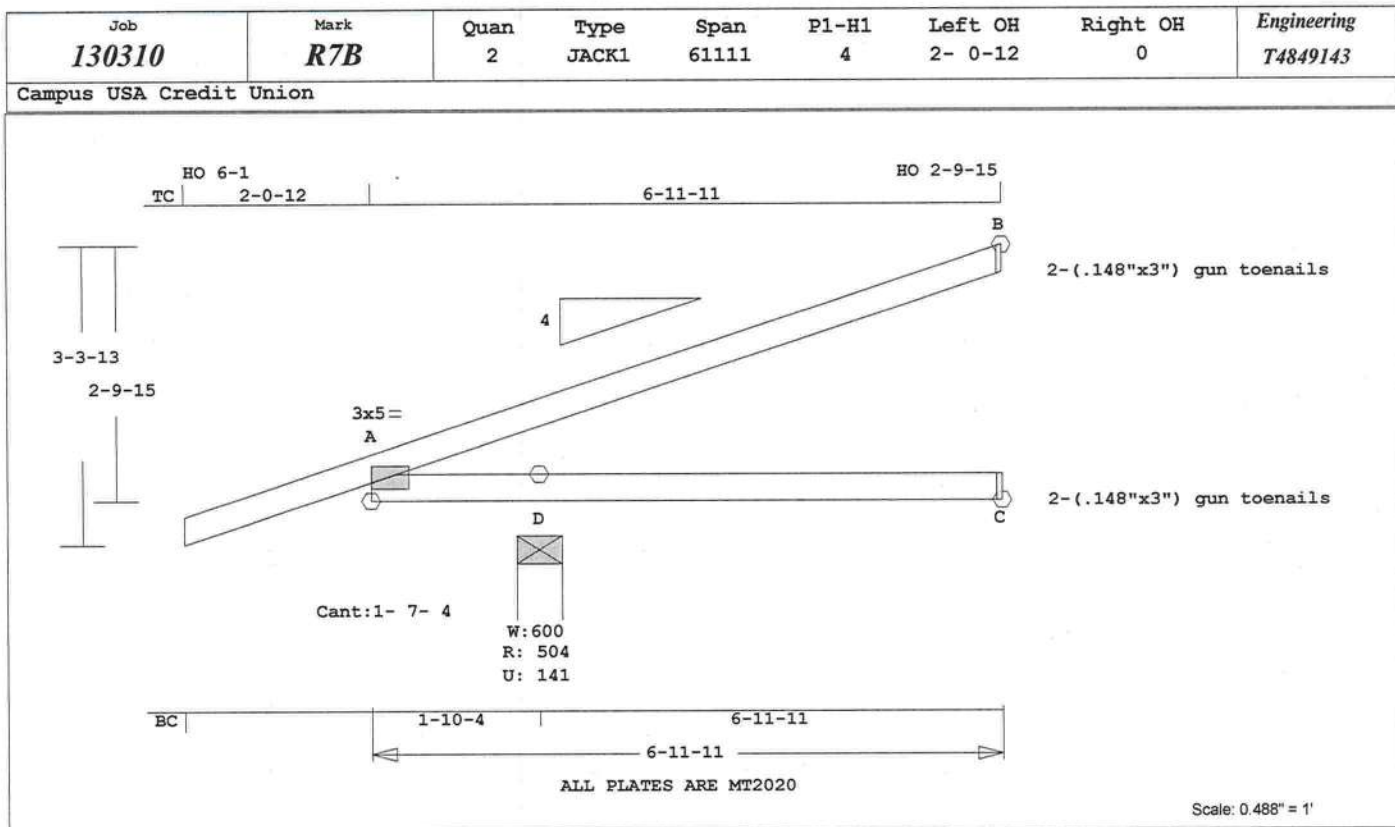
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*

for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 79 Lbs
Max tens. force 158 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

May 24, 2013



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- ---Lumber---
TC 0.71 2x 4 SP-#2
BC 0.70 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 6-11-11
or 48.0" 0- 0- 0 6-11-11
BC Cont. 0- 0- 0 6-11-11
or 83.7" 0- 0- 0 6-11-11

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"
Lumber	Duration Factor	1.25
Plate	Duration Factor	1.25
	Fb	Fc
TC	1.15	1.10
BC	1.10	1.10

Total Load Reactions (Lbs)
Jt Down Uplift Horiz-
D 505 141 U 62 R
C 77 23 U
B 132 60 U 42 R

Jt	Brg Size	Required
D	6.0"	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	0.71	80 C	0.00 0.71
-----Bottom Chords-----			
A -D	0.70	158 T	0.00 0.70

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 31.4 LBS

D -C 0.57 0 T 0.00 0.57

TL Defl 0.07" in D -C L/769
LL Defl 0.07" in D -C L/841
LL Cant -0.13" in A -D L/150
Shear // Grain in A -D 0.52

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 3.0x 5.0 0.8 0.2 0.61

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:
RIDGWAY ROOF TRUSS

Analysis Conforms To:
FBC2010
TPI 2007

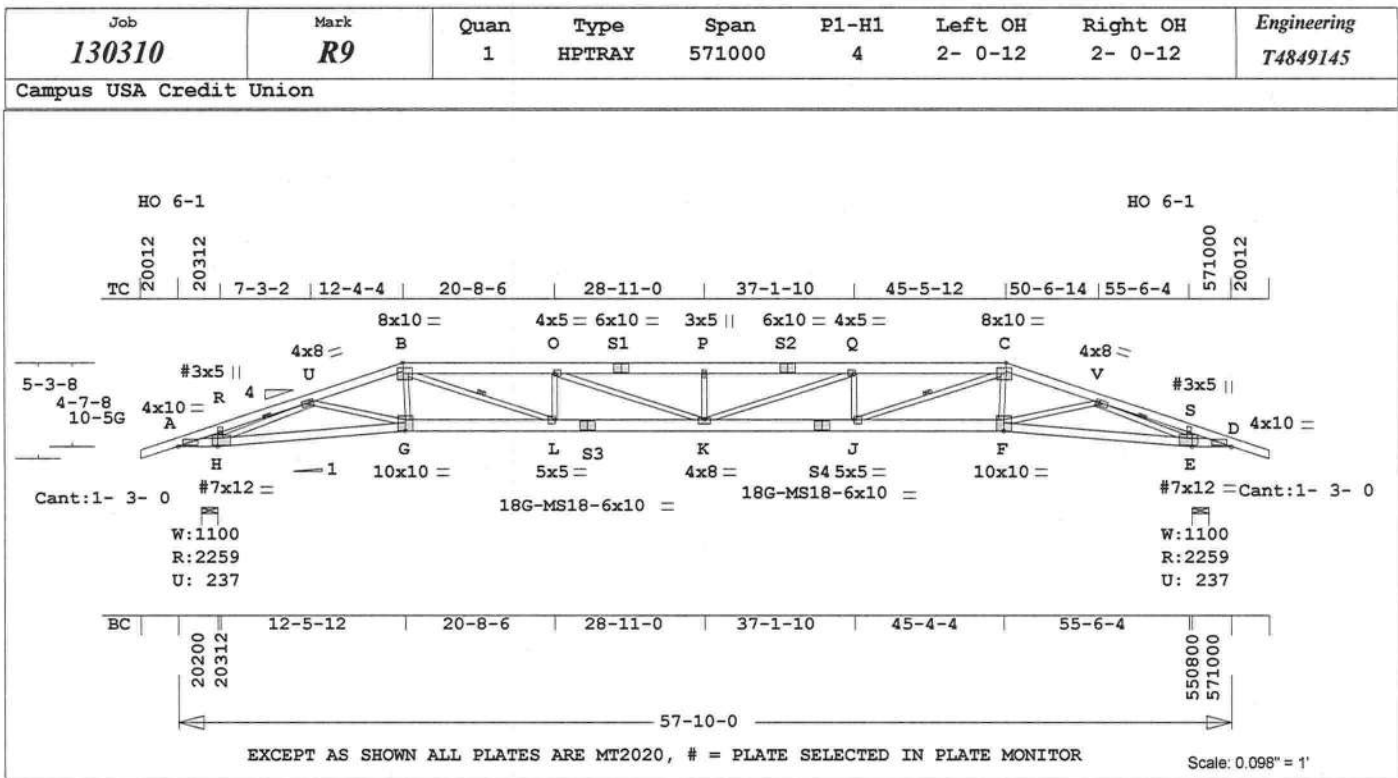
OH Loading
Soffit psf 2.0
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components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

for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
User-defined wind-exposed BC
regions --From-- ---To---
1- 7- 4 6-11-11
Max comp. force 80 Lbs
Max tens. force 158 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

May 24, 2013



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine Lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- ---Lumber---

TC 0.35 2x 6 SP-#2
-- 0.18 2x 8 SP-2400f-2.0E
B -S1 S1-S2 S2-C
BC 0.74 2x 6 SP-#2
-- 0.32 2x 8 SP-2400f-2.0E
G -S3 S3-S4 S4-F
WB 0.78 2x 4 SP-#2
-- 0.41 2x 4 SP-#3
H -R U-G B-G L-O
O-K K-P K-Q J-Q
F-C F-V E-S

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	57-10- 0
or 36.0"	0- 0- 0	57-10- 0
BC Cont.	0- 0- 0	57-10- 0
or 84.0"	0- 0- 0	57-10- 0

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

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"

Lumber Duration Factor 1.25
Plate Duration Factor 1.25

TC	Fb	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-
H	2260	238	U 60 R
E	2259	238	U 60 R

Jt	Brg Size	Required
H	11.0"	2.6"
E	11.0"	2.6"

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
A -R	0.35	663	C 0.00	0.35
R -U	0.35	866	C 0.00	0.35

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 537.3 LBS

U-B	0.31	5153	C	0.09	0.22
B-O	0.16	7415	C	0.07	0.09
O-S1	0.18	8236	C	0.08	0.10
S1-P	0.18	8236	C	0.08	0.10
P-S2	0.18	8236	C	0.08	0.10
S2-Q	0.18	8236	C	0.08	0.10
Q-C	0.16	7415	C	0.07	0.09
C-V	0.31	5152	C	0.09	0.22
V-S	0.35	866	C	0.00	0.35
S-D	0.35	663	C	0.00	0.35

Bottom Chords

A-H	0.30	696	T	0.06	0.24
H-G	0.74	4206 <td>T <td>0.51</td> <td>0.23</td> </td>	T <td>0.51</td> <td>0.23</td>	0.51	0.23
G-L	0.21	4884 <td>T <td>0.16</td> <td>0.05</td> </td>	T <td>0.16</td> <td>0.05</td>	0.16	0.05
L-S3	0.32	7415 <td>T <td>0.25</td> <td>0.07</td> </td>	T <td>0.25</td> <td>0.07</td>	0.25	0.07
S3-K	0.32	7415 <td>T <td>0.25</td> <td>0.07</td> </td>	T <td>0.25</td> <td>0.07</td>	0.25	0.07
K-S4	0.32	7414 <td>T <td>0.25</td> <td>0.07</td> </td>	T <td>0.25</td> <td>0.07</td>	0.25	0.07
S4-J	0.32	7414 <td>T <td>0.25</td> <td>0.07</td> </td>	T <td>0.25</td> <td>0.07</td>	0.25	0.07
J-F	0.21	4884 <td>T <td>0.16</td> <td>0.05</td> </td>	T <td>0.16</td> <td>0.05</td>	0.16	0.05
F-E	0.74	4206 <td>T <td>0.51</td> <td>0.23</td> </td>	T <td>0.51</td> <td>0.23</td>	0.51	0.23
E-D	0.30	696 <td>T <td>0.06</td> <td>0.24</td> </td>	T <td>0.06</td> <td>0.24</td>	0.06	0.24

Webs

H-R	0.15	643	C
H-U <td>0.78 <td>3972 <td>C</td> </td></td>	0.78 <td>3972 <td>C</td> </td>	3972 <td>C</td>	C
U-G <td>0.30 <td>738 <td>T</td> </td></td>	0.30 <td>738 <td>T</td> </td>	738 <td>T</td>	T
B-G <td>0.14 <td>432 <td>T</td> </td></td>	0.14 <td>432 <td>T</td> </td>	432 <td>T</td>	T
B-L <td>0.62 <td>2682 <td>T</td> </td></td>	0.62 <td>2682 <td>T</td> </td>	2682 <td>T</td>	T
L-O <td>0.21 <td>729 <td>C</td> </td></td>	0.21 <td>729 <td>C</td> </td>	729 <td>C</td>	C
O-K <td>0.41 <td>880 <td>T</td> </td></td>	0.41 <td>880 <td>T</td> </td>	880 <td>T</td>	T
K-P <td>0.13 <td>459 <td>C</td> </td></td>	0.13 <td>459 <td>C</td> </td>	459 <td>C</td>	C
K-Q <td>0.41 <td>880 <td>T</td> </td></td>	0.41 <td>880 <td>T</td> </td>	880 <td>T</td>	T
J-Q <td>0.21 <td>729 <td>C</td> </td></td>	0.21 <td>729 <td>C</td> </td>	729 <td>C</td>	C
J-C <td>0.62 <td>2682 <td>T</td> </td></td>	0.62 <td>2682 <td>T</td> </td>	2682 <td>T</td>	T
F-C <td>0.14 <td>432 <td>T</td> </td></td>	0.14 <td>432 <td>T</td> </td>	432 <td>T</td>	T
F-V <td>0.30 <td>738 <td>T</td> </td></td>	0.30 <td>738 <td>T</td> </td>	738 <td>T</td>	T
V-E <td>0.78 <td>3972 <td>C</td> </td></td>	0.78 <td>3972 <td>C</td> </td>	3972 <td>C</td>	C
E-S <td>0.15 <td>643 <td>C</td> </td></td>	0.15 <td>643 <td>C</td> </td>	643 <td>C</td>	C

TL Defl -1.60" in L-K L/401
LL Defl -0.71" in L-K L/907
H2 Disp LL DL TL
Jt E 0.18" 0.22" 0.40"
Shear // Grain in R-R 0.25

Plates for each ply each face.

Plate	MT20	20 Ga	Gross Area
Plate - MT20 <td>20 Ga <td>Gross Area</td> <td></td> </td>	20 Ga <td>Gross Area</td> <td></td>	Gross Area	
Plate - MS18 <td>20 Ga <td>Gross Area</td> <td></td> </td>	20 Ga <td>Gross Area</td> <td></td>	Gross Area	

Jt Type	Plt Size	X	Y	JSI
A MT20	4.0x10.0	Ctr	Ctr	0.52
R# MT20	3.0x 5.0-0.1	1.0	0.21	
U MT20	4.0x 8.0-1.9-0.7	0.99		
B MT20	8.0x10.0-0.5	Ctr	0.93	
O MT20	4.0x 5.0	Ctr	0.5	0.57
S1 MT20	6.0x10.0	Ctr	Ctr	0.45
P MT20	3.0x 5.0	Ctr	Ctr	0.19
S2 MT20	6.0x10.0	Ctr	Ctr	0.45
Q MT20	4.0x 5.0	Ctr	0.5	0.57
C MT20	8.0x10.0	0.5	Ctr	0.93
V MT20	4.0x 8.0	1.9-0.7	0.99	
S# MT20	3.0x 5.0-0.1	1.2	0.25	

= Plate Monitor used
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:
RIDGWAY ROOF TRUSS

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.

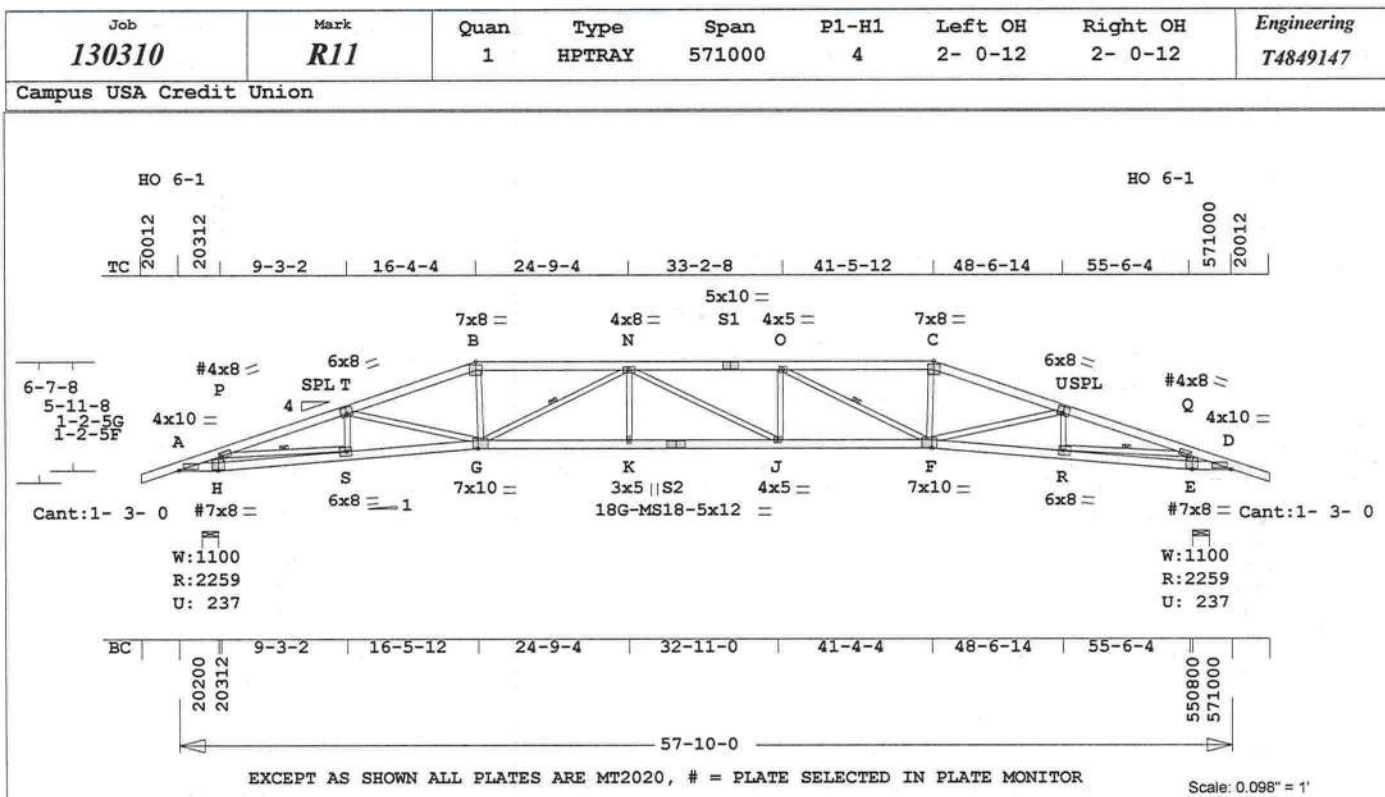
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 8236 Lbs
Max tens. force 7415 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



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON

CSI -Size-	Lumber----
TC 0.45	2x 6 SP-#2
BC 0.84	2x 6 SP-#2
WB 0.85	2x 4 SP-#2
-- 0.67	2x 4 SP-#3
H - P	S - T T - G B - G
G - N	K - N N - J J - O
O - F	F - C F - U R - U
E - Q	

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	57-10- 0
or 36.0"	0- 0- 0	57-10- 0
BC Cont.	0- 0- 0	57-10- 0
or 78.0"	0- 0- 0	57-10- 0

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

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	Spacing 24.0"
Lumber	Duration Factor 1.25	
Plate	Duration Factor 1.25	
	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-
H 2259 238 U 80 R
E 2260 238 U 80 R

Jt	Brg Size	Required
H	11.0"	2.6"
E	11.0"	2.6"

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 - P	0.32	707 C	0.00 0.32
P - T	0.39	4850 C	0.07 0.32
T - B	0.37	5021 C	0.12 0.25
B - N	0.45	4765 C	0.12 0.33

MITek® Online Plus™ APPROX.

N	S1	O	C	U	Q	D
0.32	0.32	0.45	0.37	0.39	0.32	0.32
5974 C	5974 C	4765 C	5021 C	4850 C	707 C	707 C
0.16	0.16	0.12	0.12	0.07	0.00	0.00
0.16	0.16	0.33	0.25	0.32	0.32	0.32

A	H	S	G	K	S2	J	R	E	D
0.35	0.40	0.71	0.81	0.84	0.84	0.81	0.71	0.40	0.35
727 T	1093 T	4599 T	5973 T	5973 T	5973 T	5974 T	4600 T	1093 T	727 T
0.06	0.11	0.55	0.72	0.72	0.72	0.72	0.55	0.11	0.06
0.29	0.29	0.16	0.09	0.12	0.12	0.09	0.16	0.29	0.29

H	P	S	T	G	B	N	K	N	J	O	F	C	U	R	Q
0.48	0.85	0.10	0.08	0.47	0.67	0.11	0.11	0.11	0.11	0.11	0.47	0.47	0.08	0.10	0.48
2004 C	3660 T	393 C	198 T	1162 T	1360 C	325 T	66 T	326 T	1361 C	1162 T	198 T	198 T	393 C	3660 T	2004 C
1 Br					1 Br				1 Br					1 Br	

TL Defl	LL Defl	H2 Disp	Jt E	Shear
-1.41"	-0.61"	LL	0.19"	Grain in P - P
in K - J	in K - J	DL	0.24"	0.43"
L/456	L/999	TL		

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x10.0 Ctr Ctr 0.52
P# MT20 4.0x 8.0 0.9 0.7 0.97
T MT20 6.0x 8.0-0.4 1.2 0.45
B MT20 7.0x 8.0 Ctr Ctr 0.52
N MT20 4.0x 8.0 Ctr Ctr 0.61
S1 MT20 5.0x10.0 Ctr Ctr 0.42
O MT20 4.0x 5.0 Ctr Ctr 0.55
C MT20 7.0x 8.0 Ctr Ctr 0.52
U MT20 6.0x 8.0 0.4 1.2 0.45
Q# MT20 4.0x 8.0-1.1 0.7 0.96
D MT20 4.0x10.0 Ctr Ctr 0.52
H# MT20 7.0x 8.0 0.1-1.6 0.56
S MT20 6.0x 8.0-1.0-0.1 0.99
G MT20 7.0x10.0 1.5-2.0 0.80
K MT20 3.0x 5.0 Ctr Ctr 0.19

TRUSS WEIGHT: 487.4 LBS

S2	J	F	R	E#
MS18	MT20	MT20	MT20	MT20
5.0x12.0 Ctr Ctr	4.0x 5.0 Ctr Ctr	7.0x10.0-1.5-2.0	6.0x 8.0 1.0-0.1	7.0x 8.0-0.2-1.5
0.80	0.25	0.80	0.99	0.56

= Plate Monitor used
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:

RIDGWAY ROOF TRUSS

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.

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-10

Truss is designed as

Components and Claddings*

for Exterior zone location.

Wind Speed: 130 mph

Risk Category : II

Mean Roof Height: 16-0

Exposure Category: B

Building Type: Enclosed

TC Dead Load: 4.0 psf

BC Dead Load: 6.0 psf

Max comp. force 5974 Lbs

Max tens. force 5974 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.

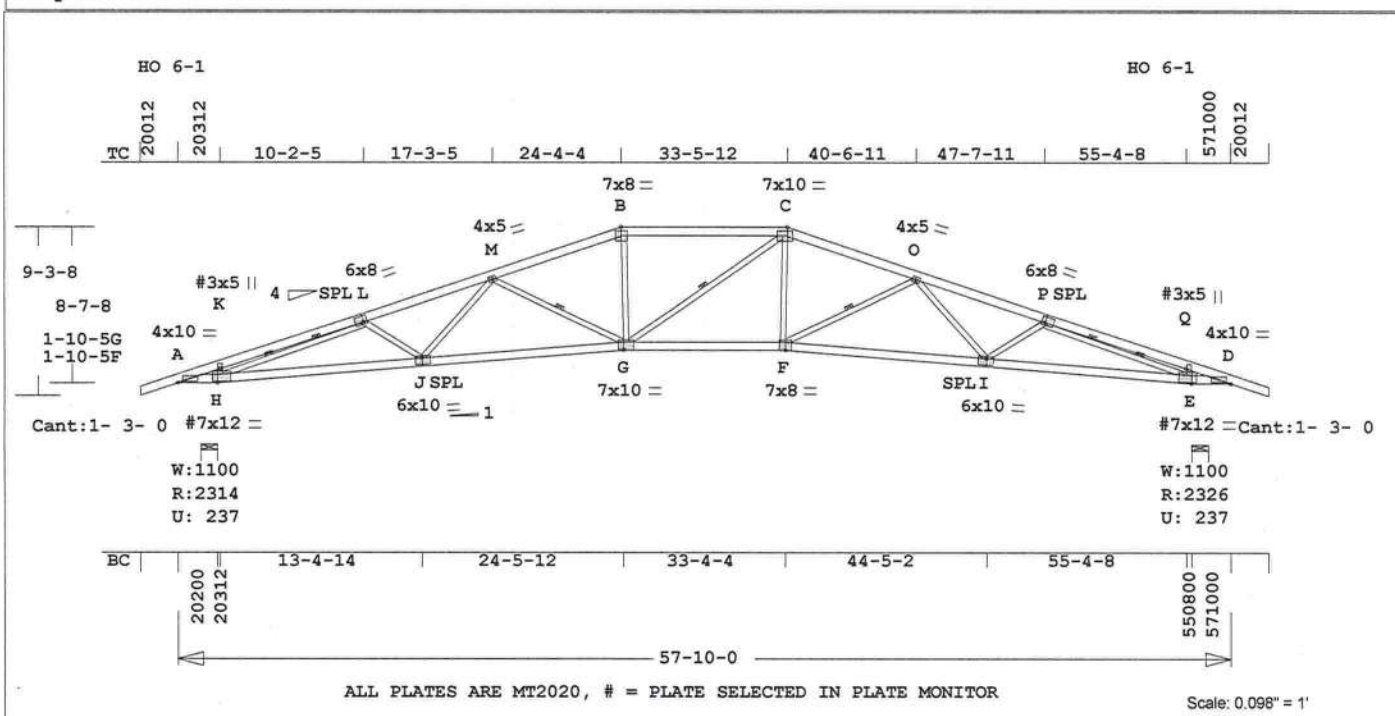


FL Cert. 6634

May 24, 2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
130310	R15	1	HPTRAY	571000	4	2- 0-12	2- 0-12	T4849151

Campus USA Credit Union



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine Lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- Lumber-----
TC 0.62 2x 6 SP-#2
BC 0.91 2x 6 SP-#2
WB 0.93 2x 4 SP-#1
-- 0.41 2x 4 SP-#3
H-K L-J J-M M-G
B-G G-C F-C F-O
O-I I-P E-Q

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 57-10- 0
or 36.0" 0- 0- 0 57-10- 0
BC Cont. 0- 0- 0 57-10- 0
or 78.0" 0- 0- 0 57-10- 0

Continuous Lateral Restraint
req'd at mid-point of webs:
M-G G-C F-O
Continuous Lateral Restraints
req'd at third-points of webs
H-L P-E
Attach CLR with (2)-10d nails
at each web.
Refer to BCSI for diagonal
restraint requirements.

psf-Ld Dead Live
TC 7.0 20.0
BC 10.0 0.0
TC+BC 17.0 20.0
Total 37.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
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
H 2315 238 U 120 R
E 2327 238 U 120 R

Jt Brg Size Required
H 11.0" 2.6"
E 11.0" 2.7"

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-CST-Bnd
-----Top Chords-----

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 490.4 LBS

A-K 0.43 904 C 0.00 0.43
K-L 0.43 1142 C 0.00 0.43
L-M 0.34 5178 C 0.10 0.24
M-B 0.24 4494 C 0.13 0.11
B-C 0.62 4260 C 0.10 0.52
C-O 0.24 4543 C 0.13 0.11
O-P 0.34 5218 C 0.10 0.24
P-Q 0.43 1144 C 0.00 0.43
Q-D 0.43 906 C 0.00 0.43

-----Bottom Chords-----
A-H 0.41 942 T 0.09 0.32
H-J 0.91 4866 T 0.59 0.32
J-G 0.77 4845 T 0.59 0.18
G-F 0.67 4291 T 0.52 0.15
F-I 0.77 4881 T 0.59 0.18
I-E 0.91 4903 T 0.59 0.32
E-D 0.41 944 T 0.09 0.32

-----Webs-----
H-K 0.17 720 C
H-L 0.93 4273 C 2 Br
L-J 0.08 238 T
J-M 0.12 365 T
M-G 0.27 650 C 1 Br
B-G 0.39 971 T
G-C 0.07 144 T 1 Br
F-C 0.41 1016 T
F-O 0.27 635 C 1 Br
O-I 0.12 372 T
I-P 0.07 235 T
P-E 0.93 4308 C 2 Br
E-Q 0.17 721 C

TL Defl -1.11" in F-I L/577
LL Defl -0.52" in G-F L/999
Hz Disp LL DL TL
Jt E 0.21" 0.25" 0.46"
Shear // Grain in K-K 0.29

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x10.0 Ctr Ctr 0.52
K# MT20 3.0x 5.0-0.1 1.0 0.23
L MT20 6.0x 8.0-1.8 0.8 0.99
M MT20 4.0x 5.0 Ctr Ctr 0.24
B MT20 7.0x 8.0 Ctr Ctr 0.52
C MT20 7.0x10.0 Ctr Ctr 0.64
O MT20 4.0x 5.0 Ctr Ctr 0.24
P MT20 6.0x 8.0 1.8 0.8 1.00
Q# MT20 3.0x 5.0 0.1 1.0 0.22
D MT20 4.0x10.0 Ctr Ctr 0.52
H# MT20 7.0x12.0 2.6-1.1 0.93
J MT20 6.0x10.0 0.6-1.3 0.99
G MT20 7.0x10.0 1.5-2.0 0.80
F MT20 7.0x 8.0 Ctr-2.0 0.72
I MT20 6.0x10.0-0.6-1.3 1.00
E# MT20 7.0x12.0-2.6-1.1 0.95

= Plate Monitor used

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:
RIDGWAY ROOF TRUSS

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.

NOTE: USER MODIFIED PLATES

This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-10

Truss is designed as

Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph

Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf

Max comp. force 5218 lbs
Max tens. force 4903 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.

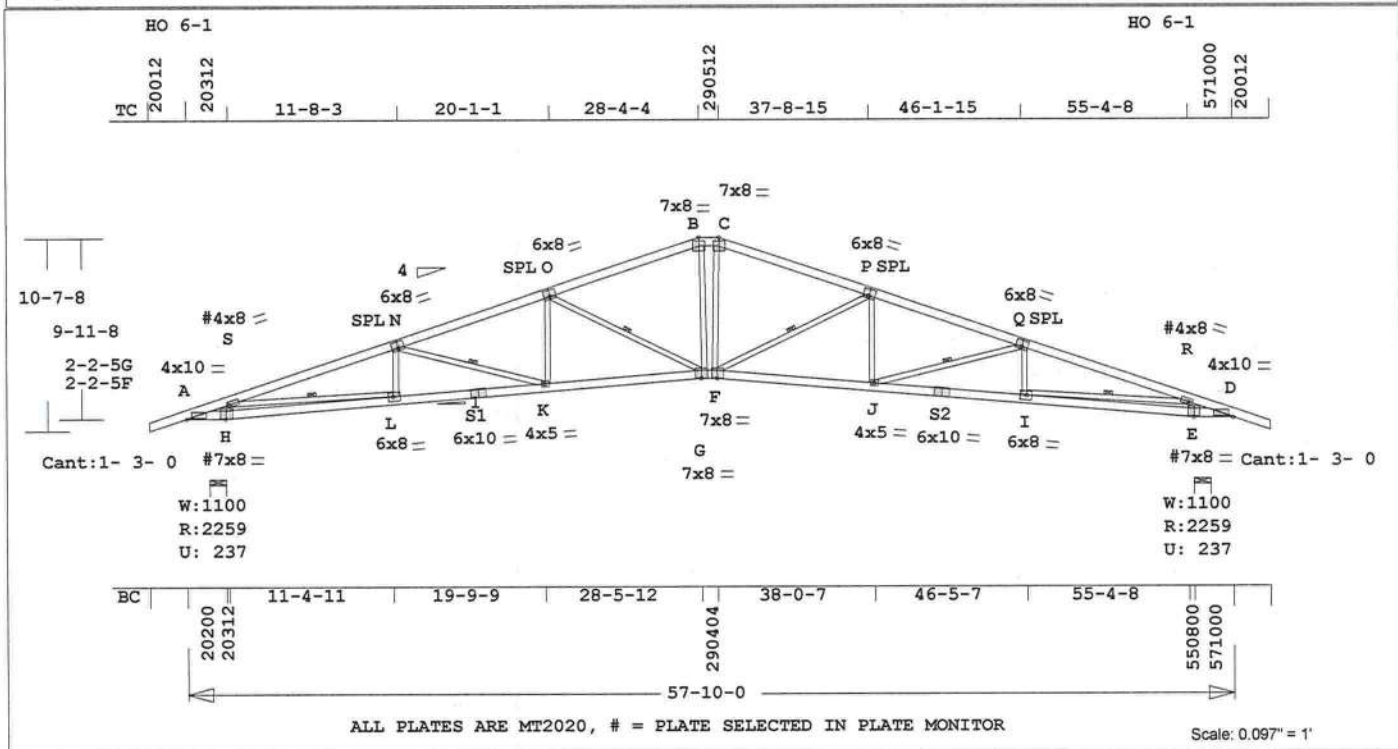


FL Cert. 6634

May 24, 2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
130310	R17	1	HPTRAY	571000	4	2- 0-12	2- 0-12	T4849153

Campus USA Credit Union



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine Lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- Lumber-----
TC 0.50 2x 6 SP-#2
BC 0.74 2x 6 SP-#2
WB 0.84 2x 4 SP-#2
-- 0.57 2x 4 SP-#3
H-S L-N N-K K-O
O-G B-G F-C F-P
J-Q I-R E-R

Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 57-10-0
or 36.0" 0-0-0 57-10-0
BC Cont. 0-0-0 57-10-0
or 78.0" 0-0-0 57-10-0

Continuous Lateral Restraint
req'd at mid-point of webs:
S-L N-K O-G F-P
J-Q I-R
Attach CLR with (2)-10d nails
at each web.
Refer to BCSI for diagonal
restraint requirements.

psf-Ld Dead Live
TC 7.0 20.0
BC 10.0 0.0
TC+BC 17.0 20.0
Total 37.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
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-
H 2260 238 U 141 R
E 2259 238 U 140 R
Jt Brg Size Required
H 11.0" 2.6"
E 11.0" 2.6"

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-S 0.43 936 C 0.00 0.43

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 506.6 LBS				
S-N	0.50	5089 C	0.07	0.43
N-O	0.31	4760 C	0.11	0.20
O-B	0.30	3787 C	0.09	0.21
B-C	0.14	3581 C	0.12	0.02
C-P	0.30	3787 C	0.09	0.21
P-Q	0.31	4760 C	0.11	0.20
Q-R	0.50	5089 C	0.07	0.43
R-D	0.43	935 C	0.00	0.43
-----Bottom Chords-----				
A-H	0.43	969 T	0.10	0.33
H-L	0.47	1388 T	0.14	0.33
L-S1	0.74	4827 T	0.58	0.16
S1-K	0.74	4834 T	0.58	0.16
K-G	0.63	4539 T	0.55	0.08
G-F	0.49	3582 T	0.43	0.06
F-J	0.63	4539 T	0.55	0.08
J-S2	0.74	4834 T	0.58	0.16
S2-I	0.74	4827 T	0.58	0.16
I-E	0.47	1386 T	0.14	0.33
E-D	0.43	969 T	0.10	0.33
-----Webs-----				
H-S	0.49	2028 C		
S-L	0.84	3616 T	1 Br	
L-N	0.07	250 T		
N-K	0.15	365 C	1 Br	
K-O	0.15	443 T		
O-G	0.57	1060 C	1 Br	
B-G	0.39	961 T		
F-C	0.39	961 T		
F-P	0.57	1061 C	1 Br	
J-P	0.15	443 T		
J-Q	0.15	364 C	1 Br	
I-Q	0.07	250 T		
I-R	0.84	3617 T	1 Br	
E-R	0.49	2028 C		
TL Defl	-1.03"	in F-J	L/622	
LL Defl	-0.45"	in G-F	L/999	
Hx Disp	LL	DL	TL	
Jt E	0.16"	0.21"	0.38"	
Shear // Grain	in S-S		0.28	

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x10.0 Ctr Ctr 0.52
S# MT20 4.0x 8.0 1.1 0.7 0.96
N MT20 6.0x 8.0-0.4 1.2 0.48
O MT20 6.0x 8.0-0.4 1.2 0.62
B MT20 7.0x 8.0 Ctr Ctr 0.52
C MT20 7.0x 8.0 Ctr Ctr 0.52
P MT20 6.0x 8.0 0.4 1.2 0.62
Q MT20 6.0x 8.0 0.4 1.2 0.48
R# MT20 4.0x 8.0-1.2 0.6 0.96
D MT20 4.0x10.0 Ctr Ctr 0.52

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

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

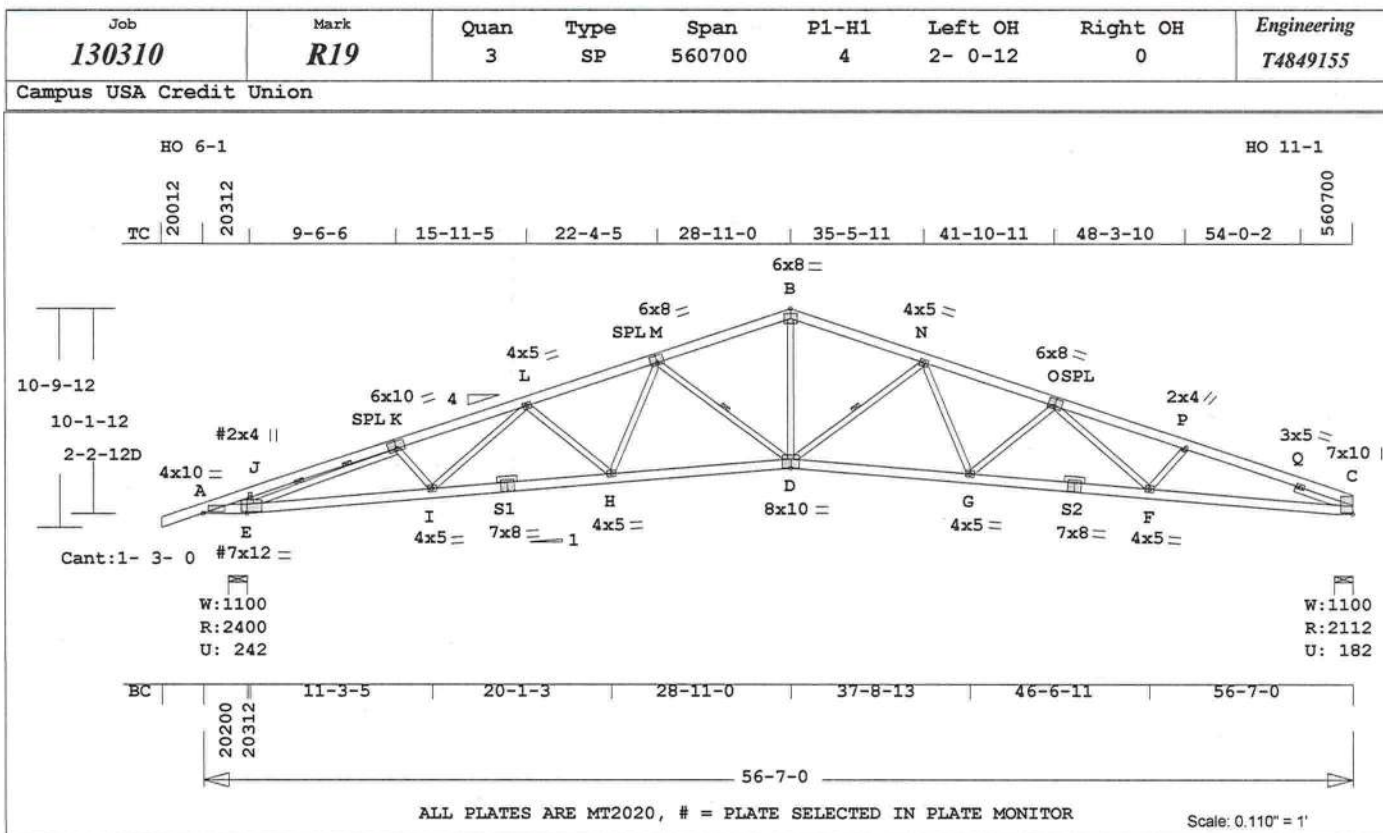
REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
RIDGWAY ROOF TRUSS
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.
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.
Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 5089 Lbs
Max tens. force 4834 Lbs
Connector Plate Fabrication
Tolerance = 20%



FL Cert. 6634

May 24, 2013



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- Lumber-----
TC 0.75 2x 6 SP-#2
BC 0.93 2x 6 SP-#2
-- 0.52 2x 6 SP-2400f-2.0E
S2-C
WB 0.92 2x 4 SP-#3
-- 0.82 2x 4 SP-#1
E-K
SL 0.71 2x 4 SP-#3
PB --- 2x 4 SP-#3

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 56- 7- 0
or 30.0" 0- 0- 0 56- 7- 0
BC Cont. 0- 0- 0 56- 7- 0
or 72.0" 0- 0- 0 56- 7- 0

Continuous Lateral Restraint
req'd at mid-point of webs:
M-D D-N
Continuous Lateral Restraints
req'd at third-points of webs
E-K
Attach CLR with (2)-10d nails
at each web.
Refer to BCSI for diagonal
restraint requirements.

psf-Ld Dead Live
TC 7.0 20.0
BC 10.0 0.0
TC+BC 17.0 20.0
Total 37.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
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 2401 243 U 139 R
C 2113 183 U 140 R

Jt Brg Size Required
E 11.0" 2.7"
C 11.0" 1.7"

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)

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 481.4 LBS

Membr	CSI	P Lbs	Axl-CSI-Bnd
A-J	0.41	875 C	0.00 0.41
J-K	0.41	1109 C	0.00 0.41
K-L	0.32	5370 C	0.10 0.22
L-M	0.23	5193 C	0.15 0.08
M-B	0.23	4142 C	0.07 0.16
B-N	0.24	4141 C	0.07 0.17
N-O	0.26	5341 C	0.08 0.18
O-P	0.56	5673 C	0.12 0.44
P-Q	0.75	5768 C	0.10 0.65
Q-C	0.68	3341 C	0.03 0.65

Membr	CSI	P Lbs	Axl-CSI-Bnd
A-E	0.41	911 T	0.09 0.32
E-I	0.92	5010 T	0.60 0.32
I-S1	0.76	5208 T	0.63 0.13
S1-H	0.79	5216 T	0.63 0.16
H-D	0.76	4726 T	0.57 0.19
D-G	0.76	4813 T	0.58 0.18
G-S2	0.93	5459 T	0.66 0.27
S2-F	0.38	5452 T	0.24 0.14
F-C	0.52	5407 T	0.24 0.28

Membr	CSI	P Lbs	Axl-CSI-Bnd
E-J	0.17	702 C	
E-K	0.82	4465 C	2 Br
K-I	0.09	271 T	
I-L	0.10	136 T	
L-H	0.25	380 C	
H-M	0.25	616 T	
M-D	0.42	984 C	1 Br
D-B	0.92	2266 T	
D-N	0.47	1093 C	1 Br
N-G	0.30	757 T	
G-O	0.34	504 C	
O-F	0.05	174 T	
F-P	0.06	191 T	
Q-C	0.71	2649 C	

TL Defl -1.22" in D-G L/526
LL Defl -0.57" in D-G L/999
Hz Disp LL DL TL
Jt C 0.23" 0.26" 0.49"
Shear // Grain in Q-Q 0.44

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x10.0 Ctr Ctr 0.52
J# MT20 2.0x 4.0 0.1 0.7 0.36
K MT20 6.0x10.0-0.4 1.2 0.95
L MT20 4.0x 5.0 Ctr Ctr 0.23
M MT20 6.0x 8.0-0.4 1.2 0.48
B MT20 6.0x 8.0 Ctr Ctr 0.92
N MT20 4.0x 5.0 Ctr Ctr 0.42

Membr	CSI	P Lbs	Axl-CSI-Bnd
O MT20	6.0x 8.0 0.4 1.2 0.60		
P MT20	2.0x 4.0 Ctr Ctr 0.28		
Q MT20	3.0x 5.0 0.5 0.2 0.90		
C MT20	7.0x10.0-3.5 0.7 0.96		
E# MT20	7.0x12.0 2.6-1.0 0.92		
I MT20	4.0x 5.0 Ctr Ctr 0.22		
S1 MT20	7.0x 8.0-0.1 0.7 0.94		
H MT20	4.0x 5.0 Ctr Ctr 0.35		
D MT20	8.0x10.0 Ctr-1.5 0.92		
G MT20	4.0x 5.0 Ctr Ctr 0.43		
S2 MT20	7.0x 8.0 0.1 0.7 0.99		
F MT20	4.0x 5.0 Ctr Ctr 0.22		

= Plate Monitor used
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:
RIDGWAY ROOF TRUSS
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.

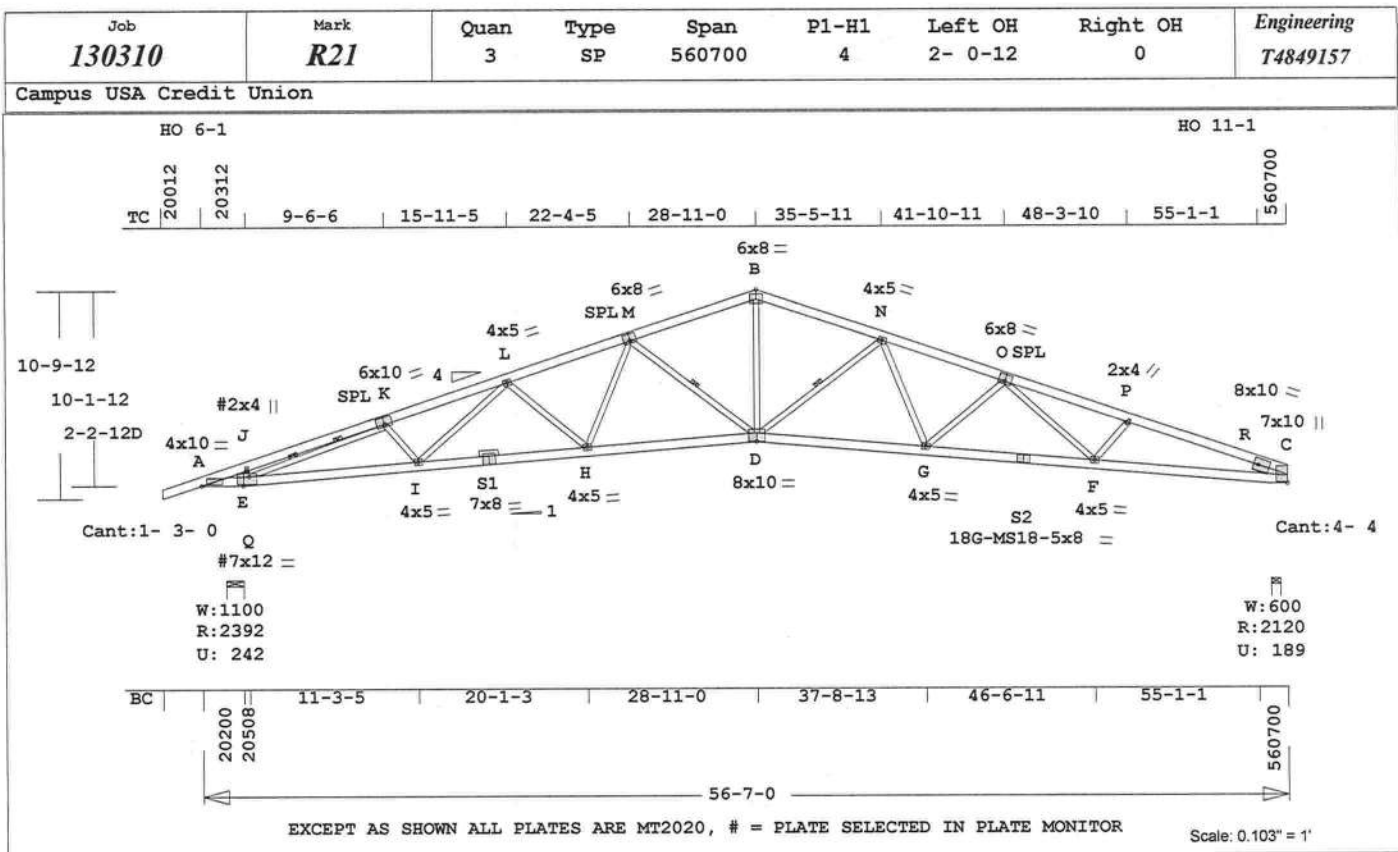
NOTE: USER MODIFIED PLATES
This design may have plates
selected through a plate
monitor.

Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 5768 lbs
Max tens. force 5459 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



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design values are those effective 06-01-12 by SPIB//ALSC UON

CSI	Size	Lumber
TC	0.56	2x 6 SP-2400f-2.0E
BC	0.98	2x 6 SP-#2
WB	0.91	2x 4 SP-#3
SL	0.55	2x 4 SP-#3
FB	---	2x 4 SP-#3

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	56- 7- 0
or 36.0"	0- 0- 0	56- 7- 0
BC Cont.	0- 0- 0	56- 7- 0
or 72.0"	0- 0- 0	56- 7- 0

Continuous Lateral Restraint req'd at mid-point of webs:

M-D D-N

Continuous Lateral Restraints req'd at third-points of webs

Q-K

Attach CLR with (2)-10d nails at each web.

Refer to BCSI for diagonal restraint requirements.

psf-Ld	Dead	Live
TC	7.0	20.0
BC	10.0	0.0
TC+BC	17.0	20.0
Total	37.0	24.0"
Lumber	Duration Factor	1.25
Plate	Duration Factor	1.25
Fb	Fc	Ft
TC	1.15	1.10
BC	1.10	1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
Q	2393	242 U	139 R
C	2121	190 U	140 R

Jt	Brg Size	Required
Q	11.0"	2.7"
C	6.0"	1.7"

Plus 21 Wind Load Case(s)

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 477.3 LBS

Plus 1 UBC LL Load Case(s)

Plus 1 BC LL Load Case(s)

Plus 1 DL Load Case(s)

Membr	CSI	P Lbs	Axl	CSI-Bnd
Top Chords				
A-J	0.41	872 C	0.00	0.41
J-K	0.41	1105 C	0.00	0.41
K-L	0.32	5345 C	0.10	0.22
L-M	0.23	5164 C	0.15	0.08
M-B	0.23	4112 C	0.13	0.10
B-N	0.24	4110 C	0.07	0.17
N-O	0.26	5287 C	0.08	0.18
O-P	0.31	5489 C	0.06	0.25
P-R	0.56	5582 C	0.06	0.50
R-C	0.52	3985 C	0.02	0.50
Bottom Chords				
A-Q	0.41	908 T	0.09	0.32
Q-I	0.92	4988 T	0.60	0.32
I-S1	0.76	5182 T	0.63	0.13
S1-H	0.79	5189 T	0.63	0.16
H-D	0.76	4698 T	0.57	0.19
D-G	0.75	4768 T	0.57	0.18
G-S2	0.98	5377 T	0.65	0.33
S2-F	0.41	5369 T	0.24	0.17
F-C	0.62	5213 T	0.23	0.39
Webs				
Q-J	0.17	701 C		
Q-K	0.82	4446 C		2 Br
K-I	0.09	269 T		
I-L	0.10	135 T		
L-H	0.25	382 C		
H-M	0.25	617 T		
M-D	0.42	985 C		1 Br
D-B	0.91	2247 T		
D-N	0.46	1074 C		1 Br
N-G	0.29	737 T		
G-O	0.31	460 C		
O-F	0.13	148 C		
F-P	0.06	190 T		
Sliders				
R-C	0.55	2209 C		

TL Defl -1.22" in D -G L/528

LL Defl -0.57" in D -G L/999

Hs Disp LL DL TL

Jt c 0.23" 0.26" 0.49"

Shear // Grain in R-R 0.77

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT20 20 Ga, Gross Area

Plate - MS18 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A MT20 4.0x10.0 Ctr Ctr 0.52

J# MT20 2.0x 4.0 0.1 0.7 0.35

K MT20 6.0x10.0-0.4 1.2 0.95

L	MT20	4.0x	5.0	Ctr	Ctr	0.23
M	MT20	6.0x	8.0-0.4	1.2	0.48	
B	MT20	6.0x	8.0	Ctr	Ctr	0.91
N	MT20	4.0x	5.0	Ctr	Ctr	0.41
O	MT20	6.0x	8.0	0.4	1.2	0.59
P	MT20	2.0x	4.0	Ctr	Ctr	0.33
R	MT20	8.0x10.0	2.3-0.8	0.29		
C	MT20	7.0x10.0-3.5	0.7	0.93		
Q#	MT20	7.0x12.0	2.2-1.0	1.00		
I	MT20	4.0x	5.0	Ctr	Ctr	0.22
S1	MT20	7.0x	8.0-0.1	0.7	0.93	
H	MT20	4.0x	5.0	Ctr	Ctr	0.35
D	MT20	8.0x10.0	Ctr-1.5	0.91		
G	MT20	4.0x	5.0	Ctr	Ctr	0.42
S2	MS18	5.0x	8.0	Ctr	Ctr	0.78
F	MT20	4.0x	5.0	Ctr	Ctr	0.22

= Plate Monitor used

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:

RIDGWAY ROOF TRUSS

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.

NOTE: USER MODIFIED PLATES

This design may have plates selected through a plate monitor.

Wind Loads - ANSI / ASCE 7-10

Truss is designed as

Components and Claddings* for Exterior zone location.

Wind Speed: 130 mph

Risk Category: II

Mean Roof Height: 16-0

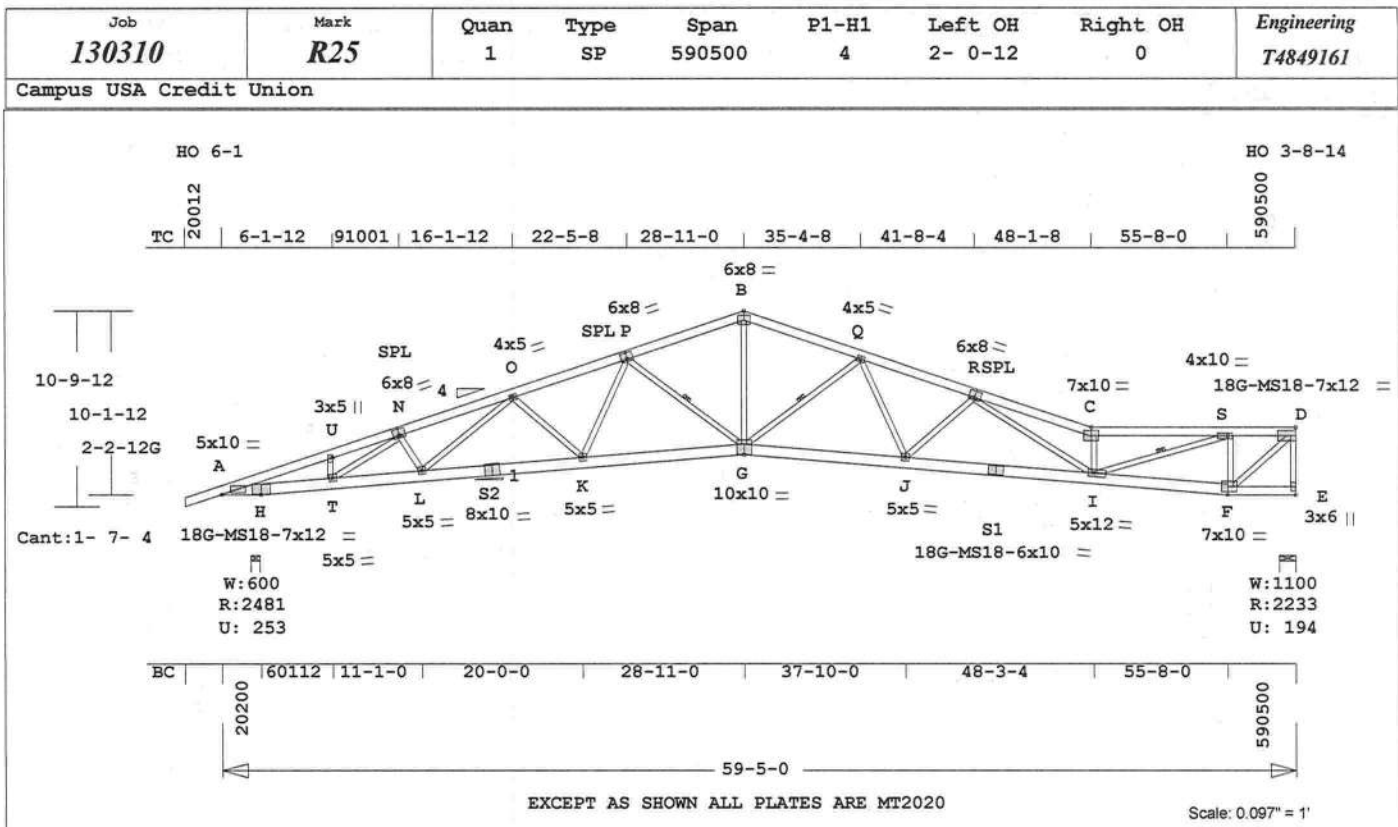
Exposure Category: B

Building Type: Enclosed



FL Cert. 6634

May 24, 2013



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine Lumber design
values are those effective
06-01-12 by SPIB//ALSC UON

CSI - Size - Lumber ---
TC 0.69 2x 6 SP-#2
BC 0.51 2x 8 SP-2400f-2.0E
-- 0.14 2x 6 SP-#2
F - E
WB 0.79 2x 4 SP-#1
-- 0.78 2x 4 SP-#3
T - U T - N N - L L - O
O - K K - P P - G G - Q
Q - J J - R R - I I - C
F - S E - D
-- 0.77 2x 4 SP-#2
G - B F - D

Brace truss as follows:

O.C. From To
TC Cont. 0- 0- 0 59- 5- 0
or 24.0" 0- 0- 0 59- 5- 0
BC Cont. 0- 0- 0 59- 5- 0
or 96.0" 0- 0- 0 59- 5- 0

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

psf-Ld Dead Live
TC 7.0 20.0
BC 10.0 0.0
TC+BC 17.0 20.0
Total 37.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
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-
H 2481 254 U 123 R
E 2234 195 U 189 R

Jt Brg Size Required
H 6.0" 1.9"
E 11.0" 2.6"

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)

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 567.2 LBS

Membr	CSI	P Lbs	Axl-CSI-Bnd
-----Top Chords-----			
A - U	0.69	4932 C	0.15 0.54
U - N	0.33	4813 C	0.07 0.26
N - O	0.29	6328 C	0.14 0.15
O - P	0.25	5839 C	0.17 0.08
P - B	0.25	4675 C	0.15 0.10
B - Q	0.25	4673 C	0.09 0.16
Q - R	0.30	6333 C	0.12 0.18
R - C	0.61	7932 C	0.27 0.34
C - S	0.43	7549 C	0.28 0.15
S - D	0.14	2449 C	0.01 0.13
-----Bottom Chords-----			
A - H	0.51	4598 T	0.15 0.36
H - T	0.47	4560 T	0.15 0.32
T - L	0.42	5958 T	0.20 0.22
L - S2	0.24	5884 T	0.20 0.04
S2 - K	0.24	5891 T	0.20 0.04
K - G	0.25	5289 T	0.18 0.07
G - J	0.25	5596 T	0.19 0.06
J - S1	0.40	6642 T	0.23 0.17
S1 - I	0.40	6634 T	0.23 0.17
I - F	0.24	2352 T	0.08 0.16
F - E	0.14	153 T	0.00 0.14
-----Webs-----			
T - U	0.06	189 T	
T - N	0.78	1663 C	
N - L	0.07	231 T	
L - O	0.10	299 T	
O - K	0.28	462 C	
K - P	0.28	704 T	
P - G	0.44	1053 C	1 Br
G - B	0.65	2608 T	
G - Q	0.60	1422 C	1 Br
Q - J	0.46	1144 T	
J - R	0.55	857 C	
R - I	0.47	1159 T	
I - C	0.76	2833 C	
I - S	0.79	5493 T	1 Br
F - S	0.65	2131 C	
F - D	0.77	3296 T	
E - D	0.68	2250 C WindLd	

TL Defl -1.53" in J - I L/442
LL Defl -0.69" in J - I L/978
Hz Disp LL DL TL
Jt E 0.19" 0.21" 0.40"
Shear // Grain in H - T 0.40

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 5.0x10.0 Ctr Ctr 0.69
U MT20 3.0x 5.0 Ctr Ctr 0.17
N MT20 6.0x 8.0-0.4 1.2 0.66

Membr	CSI	P Lbs	Axl-CSI-Bnd
O MT20	4.0x 5.0 Ctr Ctr	0.23	
P MT20	6.0x 8.0-0.4 1.2 0.50		
B MT20	6.0x 8.0 Ctr Ctr	0.73	
Q MT20	4.0x 5.0 Ctr Ctr	0.62	
R MT20	6.0x 8.0 0.4 1.2 0.88		
C MT20	7.0x10.0 Ctr Ctr	0.83	
S MT20	4.0x10.0-2.0 Ctr	0.89	
D MS18	7.0x12.0-2.5 Ctr	0.77	
H MS18	7.0x12.0 Ctr Ctr	0.79	
T MT20	5.0x 5.0 Ctr Ctr	0.58	
L MT20	5.0x 5.0 Ctr Ctr	0.18	
S2 MT20	8.0x10.0 Ctr 0.4 0.86		
K MT20	5.0x 5.0 Ctr Ctr	0.36	
G MT20	10.0x10.0 Ctr-2.3 0.72		
J MT20	5.0x 5.0 Ctr Ctr	0.58	
S1 MS18	6.0x10.0 Ctr Ctr	0.65	
I MT20	5.0x12.0 2.0-0.2 0.82		
F MT20	7.0x10.0 1.0 Ctr	0.94	
E MT20	3.0x 6.0 Ctr Ctr	0.35	

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:

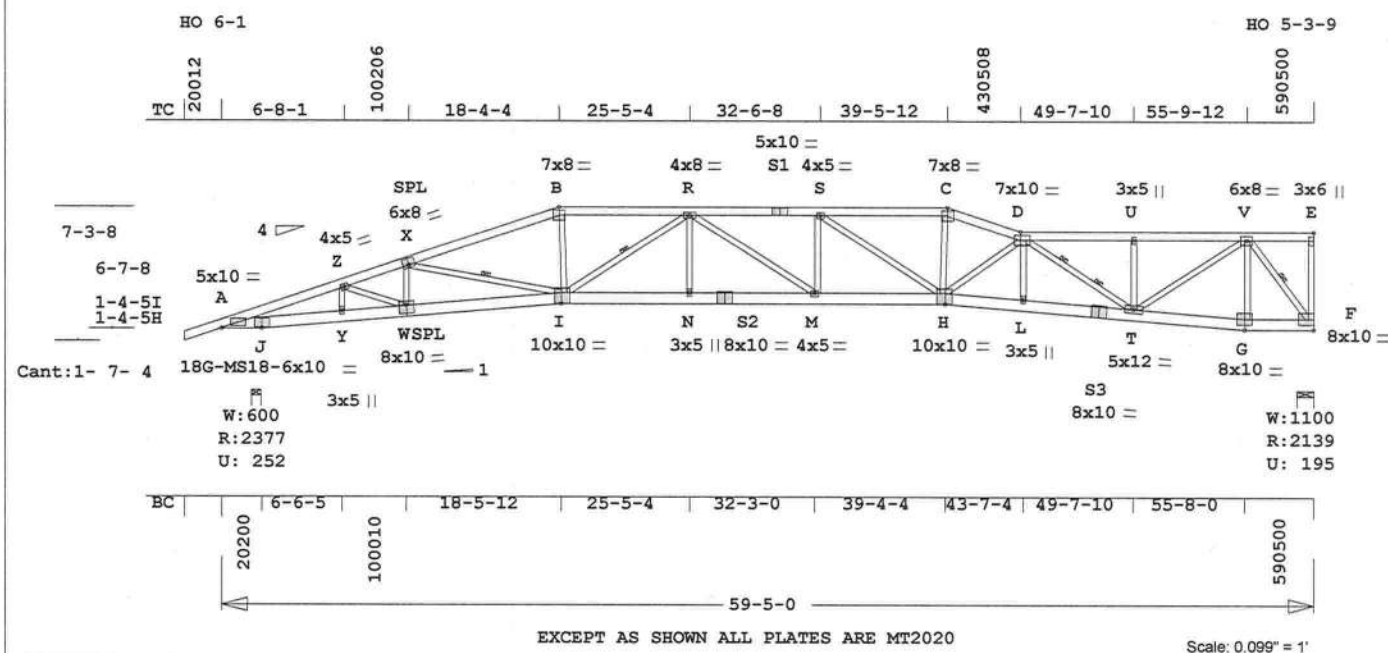
Trusses Manufactured by:
RIDGWAY ROOF TRUSS
Analysis Conforms To:
FBC2010
TPI 2007
OH Loading
Soffit psf 2.0
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by
2- 0- 0 wide
will fit between the B.C.
and any other member.
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 7932 Lbs



FL Cert. 6634

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
130310	R32	1	SP	590500	4	2- 0-12	0	T4849163

Campus USA Credit Union



Online Plus -- Version 30.0.023
RUN DATE: 23-MAY-13

Southern Pine lumber design
values are those effective
06-01-12 by SPIB//ALSC UON
CSI -Size- Lumber-----
TC 0.77 2x 6 SP-#2
BC 0.50 2x 8 SP-2400f-2.0E
WB 1.00 2x 4 SP-#3
-- 0.86 2x 4 SP-#2
T -V

Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 59-5-0
or 30.0" 0-0-0 59-5-0
BC Cont. 0-0-0 59-5-0
or 102.0" 0-0-0 59-5-0
Continuous Lateral Restraint
req'd at mid-point of webs:
X-I I-R V-F
Continuous Lateral Restraints
req'd at third-points of webs
D-T
Attach CLR with (2)-10d nails
at each web.
Refer to BCSI for diagonal
restraint requirements.

psf-Ld Dead Live
TC 7.0 20.0
BC 10.0 0.0
TC+BC 17.0 20.0
Total 37.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
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-
J 2377 253 U 60 R
F 2140 195 U 157 R

Jt Brg Size Required
J 6.0" 1.9"
F 11.0" 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 -Z 0.77 4809 C 0.18 0.59
Z -X 0.36 5996 C 0.10 0.26
X -B 0.53 5656 C 0.20 0.33

MiTek® Online Plus™ APPROX. TRUSS WEIGHT: 583.6 LBS

B -R	0.32	5359	C	0.12	0.20	S1 MT20	5.0x10.0	Ctr	Ctr	0.47
R -S1	0.26	6466	C	0.16	0.10	S MT20	4.0x 5.0	Ctr	Ctr	0.29
S1-S	0.26	6466	C	0.16	0.10	C MT20	7.0x 8.0	Ctr	Ctr	0.67
S -C	0.39	5855	C	0.15	0.24	D MT20	7.0x10.0	1.0	Ctr	0.80
C -D	0.22	6168	C	0.18	0.04	U MT20	3.0x 5.0	Ctr	Ctr	0.19
D -U	0.22	4063	C	0.06	0.16	V MT20	6.0x 8.0-0.5	Ctr	Ctr	0.92
U -V	0.17	4063	C	0.12	0.05	E MT20	3.0x 6.0	Ctr	Ctr	0.19
V -E	0.08	65	T	0.00	0.08	J MS18	6.0x10.0	Ctr	Ctr	0.98
-----Bottom Chords-----						Y MT20	3.0x 5.0	Ctr	Ctr	0.18
A -J	0.50	4490	T	0.15	0.35	W MT20	8.0x10.0	0.1-1.5	0.96	
J -Y	0.47	4457	T	0.15	0.32	I MT20	10.0x10.0	0.5-2.2	0.71	
Y -W	0.37	4527	T	0.15	0.22	N MT20	3.0x 5.0	Ctr	Ctr	0.19
W -I	0.25	5756	T	0.20	0.05	S2 MT20	8.0x10.0	Ctr	0.4	0.92
I -N	0.24	6301	T	0.21	0.03	M MT20	4.0x 5.0	Ctr-0.5	0.33	
N -S2	0.25	6301	T	0.21	0.04	H MT20	10.0x10.0-0.5-2.2	0.78		
S2-M	0.25	6301	T	0.21	0.04	L MT20	3.0x 5.0	Ctr	Ctr	0.18
M -H	0.26	6466	T	0.22	0.04	S3 MT20	8.0x10.0	Ctr	0.4	0.95
H -L	0.30	6546	T	0.22	0.08	T MT20	5.0x12.0	Ctr	Ctr	0.74
L -S3	0.30	6535	T	0.22	0.08	G MT20	8.0x10.0	Ctr	Ctr	0.60
S3-T	0.30	6530	T	0.22	0.08	F MT20	8.0x10.0-1.5	Ctr	0.30	
T -G	0.06	1487	T	0.05	0.01					
G -F	0.05	1482	T	0.05	0.00					
-----Webs-----										
Y -Z	0.19	765	C							
Z -W	0.54	1349	T							
W -X	0.07	263	C							
X -I	0.18	427	C							
B -I	0.56	1387	T							
I -R	0.47	1139	C							
N -R	0.08	262	T							
R -M	0.12	215	T							
M -S	0.06	194	T							
S -H	1.00	738	C							
H -C	0.66	1639	T							
H -D	0.49	812	C							
L -D	0.03	106	T							
D -T	0.92	2945	C							
T -U	0.15	378	C							
T -V	0.86	3136	T							
G -V	0.03	117	T							
V -F	0.74	2524	C							
F -E	0.13	65	C							

TL Defl -1.36" in N -M L/495
LL Defl -0.60" in N -M L/999
Hz Disp LL DL TL
Jt F 0.17" 0.21" 0.38"
Shear // Grain in J -Y 0.36

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Plate - MS18 18 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 5.0x10.0 Ctr Ctr 0.68
Z MT20 4.0x 5.0 Ctr Ctr 0.60
X MT20 6.0x 8.0-0.4 1.2 0.58
B MT20 7.0x 8.0 Ctr Ctr 0.56
R MT20 4.0x 8.0 Ctr Ctr 0.50

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:
RIDGWAY ROOF TRUSS
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: 130 mph
Risk Category : II
Mean Roof Height: 16-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 4.0 psf
BC Dead Load: 6.0 psf
Max comp. force 6466 Lbs



FL Cert. 6634