



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

31690

RE: DINDIAL-HANS -

MiTek USA, Inc.

6904 Parke East Blvd.
Tampa, FL 33610-4115

Site Information:

Customer Info: HANS DINDIAL Project Name: HANS DINDIAL Model:
Lot/Block: . Subdivision: .
Address: .
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 30.0.033□
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 40.0 psf Floor Load: N/A psf

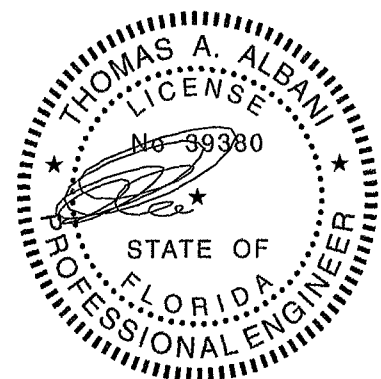
This package includes 2 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date
1	T6737980	B1	1/7/015
2	T6737981	B2GE	1/7/015

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: Albani, Thomas
My license renewal date for the state of Florida is February 28, 2017.

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

January 7, 2015

ONLINE PLUS GENERAL NOTES & SYMBOLS

108

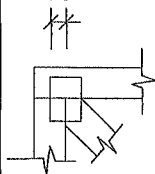
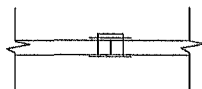


PLATE LOCATION

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

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



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

LATERAL BRACING

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

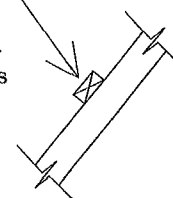
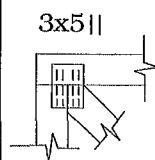


PLATE SIZE AND ORIENTATION



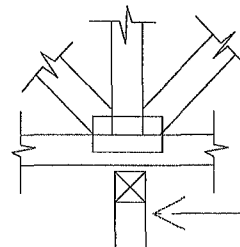
The first dimension is the width measured perpendicular to slots. The second dimension is the length measured parallel to slots. Plate orientation, shown next to plate size, indicates direction of slots in connector plates.

DIMENSIONS

All dimensions are shown in FT-IN-SX (i.e. 6'-8.5" or 6-08-08). Dimensions less than one foot are shown in IN-SX only (i.e. 708).

6-08-08

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.



MiTek USA, Inc.

6904 Parke East Blvd.
Tampa, FL 33610-4115

Tel: 813-972-1135
Fax: 813-971-6117



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131690

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

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Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 40.0 psf Floor Load: N/A psf

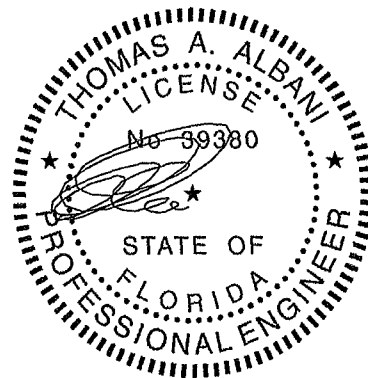
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FL Cert. 6634

January 7, 2015

ONLINE PLUS GENERAL NOTES & SYMBOLS

108

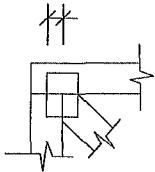
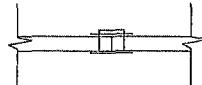


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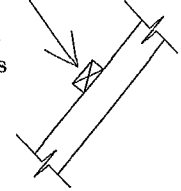
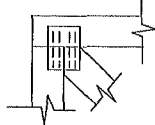


PLATE SIZE AND ORIENTATION

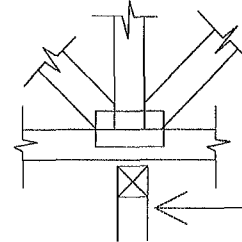
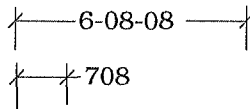
3x5 ||



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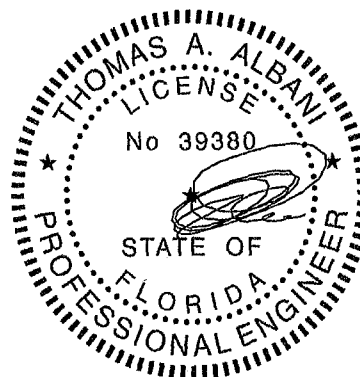
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No.	Seal#	Truss Name	Date
1	T5069837	A1	10/7/013
2	T5069838	A2	10/7/013
3	T5069839	A3	10/7/013
4	T5069840	A4	10/7/013
5	T5069841	A5	10/7/013
6	T5069842	A6	10/7/013
7	T5069843	A7	10/7/013
8	T5069844	A8GIR	10/7/013
9	T5069845	CJ1	10/7/013
10	T5069846	J1	10/7/013
11	T5069847	J1A	10/7/013
12	T5069848	J2	10/7/013
13	T5069849	J3	10/7/013
14	T5069850	J4	10/7/013

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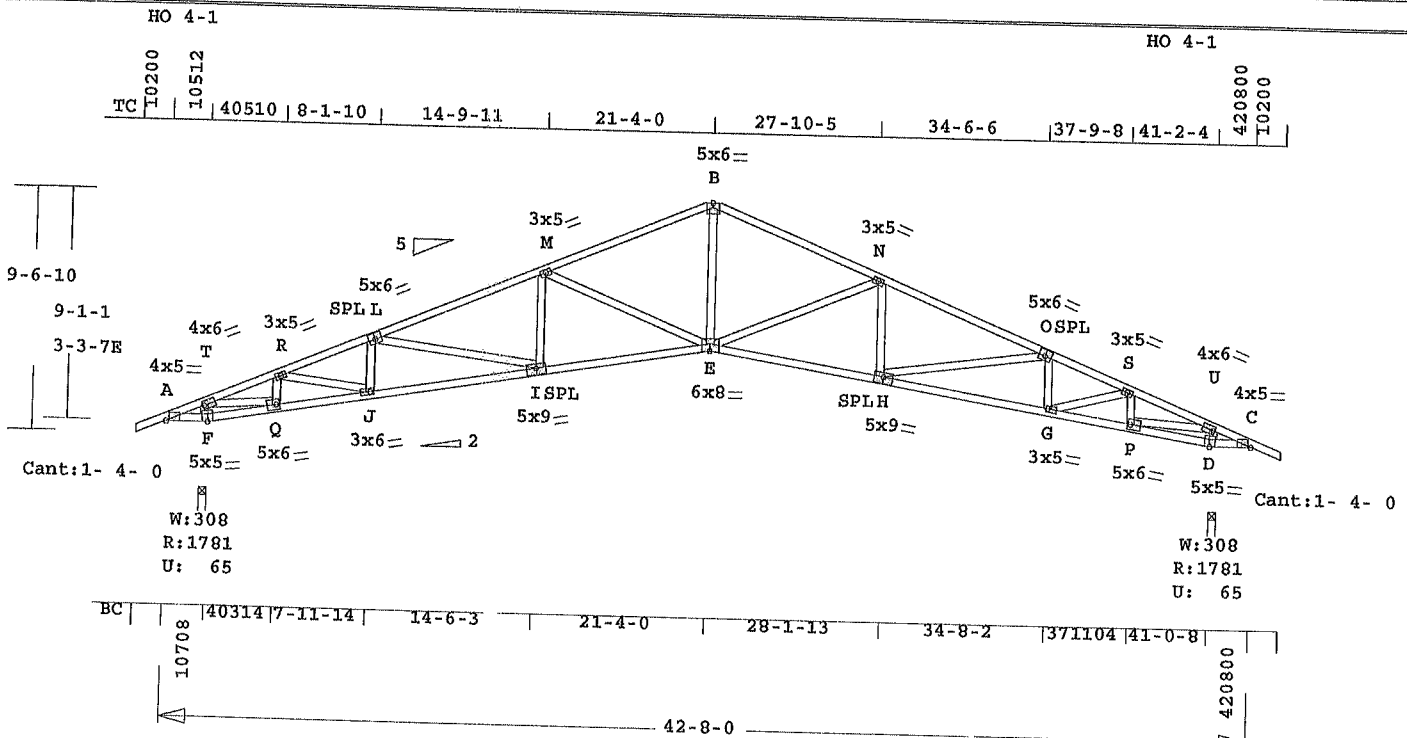
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FL Cert. 6634

October 7, 2013

Job DINDIAL-HANS	Mark AI	Quan 2	Type SP	Span 420800	Pl-Hl 5	Left OH 1- 2- 0	Right OH 1- 2- 0	Engineering T5069837
HANS DINDIAL								



ALL PLATES ARE MT2020

Scale 0 133" = 1

Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-13

Southern Pine Lumber design
values are those effective
06-01-13 by SPIB//ALSC UON
CSI - Size - Lumber -
TC 0.71 2x 4 SP-#2
BC 0.88 2x 4 SP-#2
WB 0.72 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 42- 8- 0
or 24.0" 0- 0- 0 42- 8- 0
BC Cont. 0- 0- 0 42- 8- 0
or 72.0" 0- 0- 0 42- 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
P 1781 65 U 150 R
D 1781 65 U 149 R

Jt Brg Size Required
F 3.5" 1.9"
D 3.5" 1.9"

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 -T	0.32	540	T	0.11	0.21
T -R	0.27	2677	C	0.06	0.21
R -L	0.39	3820	C	0.12	0.27
L -M	0.71	3709	C	0.26	0.45
M -B	0.69	2928	C	0.26	0.43
B -N	0.69	2928	C	0.26	0.43
N -O	0.70	3709	C	0.26	0.44
O -S	0.38	3816	C	0.12	0.26
S -U	0.33	2879	C	0.07	0.26
U -C	0.36	512	T	0.10	0.26
-----Bottom Chords-----					
A -F	0.35	437	C	0.00	0.35
F -Q	0.45	463	C	0.00	0.45

MiTek® Online Plus™ APPROX

Q -J	0.73	2494	T	0.51	0.22
J -I	0.88	3593	T	0.73	0.15
I -E	0.85	3476	T	0.71	0.14
E -H	0.85	3477	T	0.71	0.14
H -G	0.88	3592	T	0.73	0.15
G -P	0.78	2682	T	0.54	0.24
P -D	0.46	427	C	0.00	0.46
D -C	0.35	403	C	0.00	0.35

-----Web-----

F -T	0.18	1741	C
T -Q	0.65	2898	T
Q -R	0.08	782	C
R -J	0.25	1113	T
J -L	0.03	275	C
L -I	0.13	176	C
I -M	0.05	316	T
M -E	0.72	797	C
E -B	0.42	1866	T
B -N	0.72	797	C
N -H	0.05	316	T
H -O	0.13	175	C
O -G	0.03	272	C
G -S	0.21	940	T
S -P	0.08	723	C
P -U	0.68	3044	T
U -D	0.18	1761	C

TL Defl -0.94" in E -H L/500
LL Defl -0.37" in E -H L/999
LL Cant 0.03" in A -F L/590
Hz Disp LL DL TL
Jt D 0.21" 0.32" 0.54"
Shear // Grain in A -F 0.27

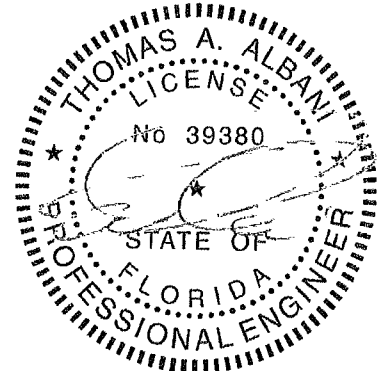
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y J6I
A MT20 4.0x 5.0 Ctr 0.1 0.40
T MT20 4.0x 6.0 0.5 0.2 0.95
R MT20 3.0x 5.0 Ctr Ctr 0.58
L MT20 5.0x 6.0-0.2 0.5 0.79
M MT20 3.0x 5.0 Ctr Ctr 0.35
B MT20 5.0x 6.0 Ctr-0.4 0.81
N MT20 3.0x 5.0 Ctr Ctr 0.35
O MT20 5.0x 6.0 0.2 0.5 0.79
S MT20 3.0x 5.0 Ctr Ctr 0.50
U MT20 4.0x 6.0-0.5 0.2 1.00
C MT20 4.0x 5.0 Ctr 0.1 0.40
F MT20 5.0x 5.0-0.2 2.7 0.99
Q MT20 5.0x 6.0-1.3-0.2 0.90
J MT20 3.0x 6.0-1.5-0.1 0.68
I MT20 5.0x 9.0 0.1-0.5 0.91
E MT20 6.0x 8.0 Ctr-0.5 0.72
H MT20 5.0x 9.0-0.1-0.5 0.91
G MT20 3.0x 5.0 Ctr Ctr 0.52
P MT20 5.0x 6.0 1.8-0.2 0.92

TRUSS WEIGHT 285 5 LBS
D MT20 5.0x 5.0 0.2 2.7 1.00

REVIEWED BY:
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Tampa, FL 33610

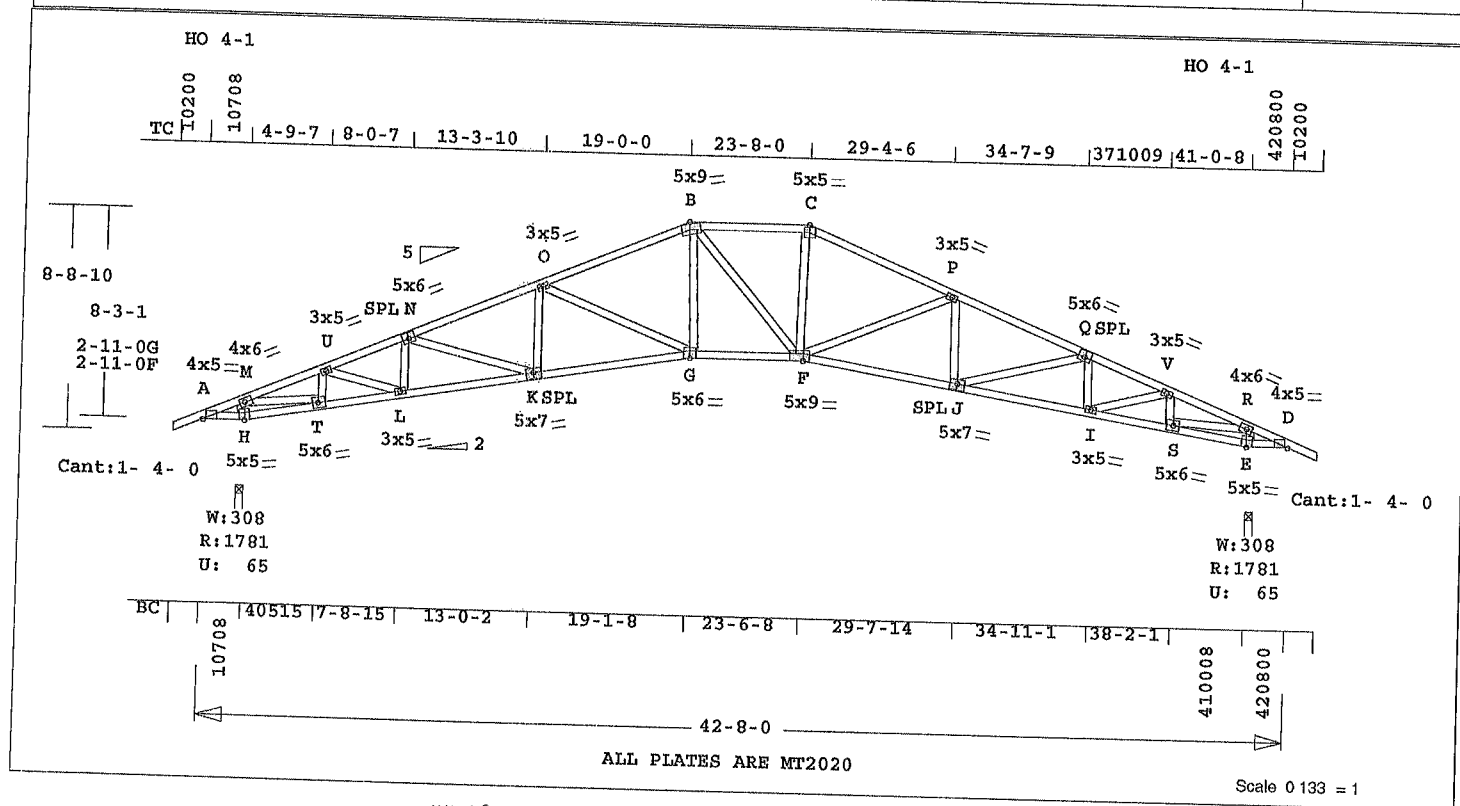
REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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: 130 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 3820 Lbs
Max tens. force 3593 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

October 7, 2013



Online Plus -- Version 30.0 023
RUN DATE: 07-OCT-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	0.85	2x 4	SP-#2
WB	0.68	2x 4	SP-#2

Brace truss as follows:

		O.C.	From	To
TC	Cont.	0- 0- 0	42- 8- 0	
or	30.0"	0- 0- 0	42- 8- 0	
BC	Cont	0- 0- 0	42- 8- 0	
or	72.0"	0- 0- 0	42- 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-
H	1781	65 U	133 R
E	1781	65 U	133 R

Jt	Brg Size	Required
H	3.5"	1.9"
E	3.5"	1.9"

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 - M	0.34	521	T	0.10 0.24
M - U	0.31	2839	C	0.07 0.24
U - N	0.28	2776	C	0.12 0.16
N - O	0.46	3788	C	0.20 0.26
O - B	0.49	3208	C	0.23 0.26
B - C	0.41	2971	C	0.10 0.31
C - P	0.50	3194	C	0.22 0.28
P - Q	0.44	3781	C	0.20 0.24
Q - V	0.27	3774	C	0.12 0.15
V - R	0.31	2839	C	0.07 0.24
R - D	0.34	521	T	0.10 0.24
-----Bottom Chords-----				
A - H	0.35	415	C	0.00 0.35

	MiTeK® Online Plus™		APPROX	
H - T	0.46	440 C	0.50	0.46
T - L	0.77	2644 T	0.54	0.23
L - K	0.82	3545 T	0.72	0.10
K - G	0.84	3547 T	0.73	0.11
G - F	0.66	2948 T	0.60	0.06
F - J	0.85	3551 T	0.73	0.12
J - I	0.82	3544 T	0.72	0.10
I - S	0.77	2645 T	0.54	0.23
S - E	0.46	440 C	0.50	0.46
E - D	0.35	416 C	0.00	0.35

		Wabs
H -M	0.18	1755 C
M -T	0.68	3021 T
T -U	0.08	735 C
U -L	0.20	930 T
L -N	0.03	292 C
N -K	0.03	63 C
K -O	0.04	242 T
O -G	0.44	595 C
B -G	0.20	897 T
B -F	0.06	120 T
F -C	0.20	894 T
F -P	0.46	613 C
J -P	0.04	245 T
J -Q	0.03	59 C
I -Q	0.03	292 C
I -V	0.20	927 T
S -V	0.08	734 C
S -R	0.68	3022 T
S -R	0.18	1755 C

TL Defl	-0.94"	in K -G	L/504
LL Defl	-0.37"	in G -F	L/999
LL Cant	0.03"	in A -H	L/625
Hz Disp	LL	DL	TL
Jt E	0 21"	0.32"	0.54"
Shear //	Grain	in A -H	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	Jt	JGI	
A	MT20	4.0x 5.0	Ctr	0.1	0.40	
M	MT20	4.0x 6.0	0.5 Ctr	0.2	0.90	
N	MT20	3.0x 5.0	Ctr	0.3	0.50	
N	MT20	5.0x 6.0	0.2 Ctr	0.5	0.64	
O	MT20	3.0x 5.0	Ctr	0.3	0.35	
B	MT20	5.0x 9.0	0.7-3.3	0.80		
C	MT20	5.0x 5.0	Ctr	0.3	0.85	
P	MT20	3.0x 5.0	Ctr	0.3	0.35	
Q	MT20	5.0x 6.0	0.2 Ctr	0.5	0.63	
V	MT20	3.0x 5.0	Ctr	0.3	0.49	
R	MT20	4.0x 6.0	0.5 Ctr	0.2	0.99	
D	MT20	4.0x 5.0	Ctr	0.1	0.40	
H	MT20	5.0x 5.0	0.2	2.7	1.00	
T	MT20	5.0x 6.0	1.3-0.2	0.2	0.94	
L	MT20	3.0x 5.0	Ctr	0.3	0.51	

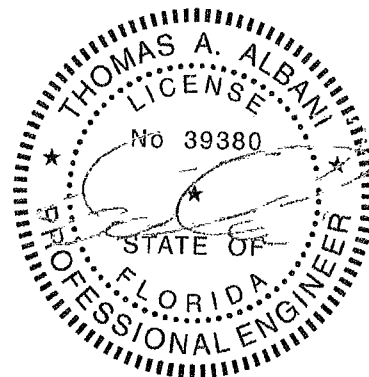
TRUSS WEIGHT		295 4 LBS	
K	MT20	5.0x	7 0 0.1-0.5 0.92
G	MT20	5.0x	6 0 Ctr-1.0 0.88
F	MT20	5.0x	9 0 Ctr-1.0 0.91
J	MT20	5.0x	7 0-0.1-0.5 0.92
I	MT20	3.0x	5 0 Ctr Ctr 0.51
S	MT20	5.0x	6 0 1 3-0 2 0.94
E	MT20	5.0x	5 0 0 2 2.7 1.00

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

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

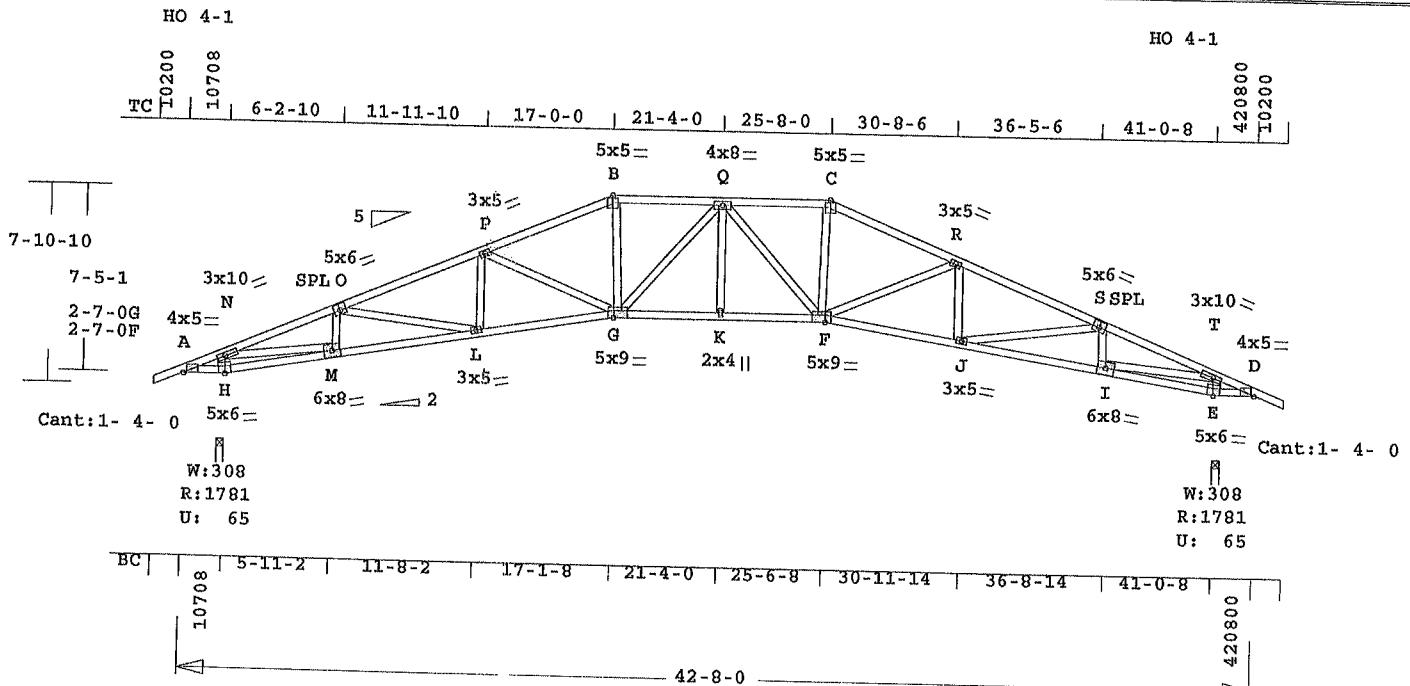
NOTES:

Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
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: 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 3791 Lbs
Max tens. force 3551 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

Job DINDIAL-HANS	Mark A3	Quan 2	Type SP	Span 420800	P1-H1 5	Left OH 1- 2- 0	Right OH 1- 2- 0	Engineering T5069839
HANS DINDIAL								



ALL PLATES ARE MT2020

Scale 0 131" = 1

Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-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 0.90 2x 4 SP-#2
WB 0.79 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 42-8-0
or 24.0" 0-0-0 42-8-0
BC Cont. 0-0-0 42-8-0
or 72 0" 0-0-0 42-8-0

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
H 1781 65 U 119 R
E 1781 65 U 119 R

Jt Brg Size Required
H 3.5" 1.9"
E 3.5" 1.9"

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 -N	0.42	470 T	0.09	0.33
N -O	0.43	3449 C	0.10	0.33
O -P	0.72	3875 C	0.23	0.49
P -B	0.36	3416 C	0.10	0.26
B -Q	0.29	3182 C	0.12	0.17
Q -C	0.29	3182 C	0.12	0.17
C -R	0.36	3416 C	0.10	0.26
R -S	0.72	3875 C	0.23	0.49
S -T	0.43	3449 C	0.10	0.33
T -D	0.42	470 T	0.09	0.33
-----Bottom Chords-----				
A -H	0.36	352 C	0.00	0.36
H -M	0.46	367 C	0.00	0.46
M -L	0.90	3224 T	0.66	0.24
L -G	0.86	3629 T	0.74	0.12
G -K	0.77	3338 T	0.68	0.09
K -F	0.77	3338 T	0.68	0.09
F -J	0.86	3629 T	0.74	0.12
J -I	0.90	3224 T	0.66	0.24
I -E	0.46	367 C	0.00	0.46
E -D	0.36	351 C	0.00	0.36

MiTek® Online Plus™ APPROX TRUSS WEIGHT 295 7 LBS

Web	Member	Weight	Length
H -N	0.19	1816 C	
N -M	0.79	3529 T	
M -O	0.06	507 C	
O -L	0.09	409 T	
L -P	0.03	165 T	
P -G	0.28	484 C	
B -G	0.23	1038 T	
G -Q	0.16	260 C	
K -Q	0.02	142 T	
Q -F	0.16	261 C	
F -C	0.23	1038 T	
F -R	0.28	484 C	
J -R	0.03	165 T	
J -S	0.09	409 T	
I -S	0.06	507 C	
I -T	0.79	3529 T	
E -T	0.19	1815 C	

TL Defl	LL Defl	LL Cant	Hx Disp	LL	DL	TL
TL Defl	-1.00"	in G -K	L/472			
LL Defl	-0.40"	in G -K	L/999			
LL Cant	0.02"	in E -D	L/999			
Hx Disp	LL	DL	TL			
Jt E	0.21"	0.32"	0.54"			
Shear // Grain	in A -N	0.31				

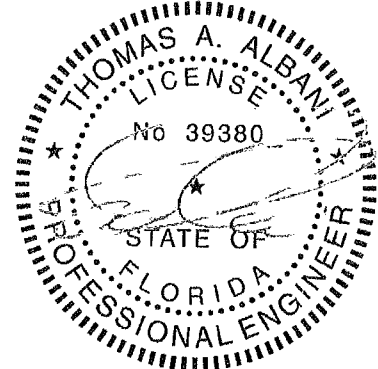
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 5.0 Ctr 0.1 0.40
N MT20 3.0x10.0 1.0 0.4 0.83
O MT20 5.0x 6.0-0.2 0.5 0.64
P MT20 3.0x 5.0 Ctr Ctr 0.35
B MT20 5.0x 5.0 Ctr Ctr 0.81
Q MT20 4.0x 8.0 Ctr Ctr 0.24
C MT20 5.0x 5.0 Ctr Ctr 0.81
R MT20 3.0x 5.0 Ctr Ctr 0.35
S MT20 5.0x 6.0 0.2 0.5 0.64
T MT20 3.0x10.0-1.0 0.4 0.83
D MT20 4.0x 5.0 Ctr 0.1 0.40
H MT20 5.0x 6.0-0.2 2.7 0.78
M MT20 6.0x 8.0-1.7-0.3 0.92
L MT20 3.0x 5.0 Ctr Ctr 0.34
G MT20 5.0x 9.0 Ctr-1.0 0.85
K MT20 2.0x 4.0 Ctr Ctr 0.34
F MT20 5.0x 9.0 Ctr-1.0 0.85
J MT20 3.0x 5.0 Ctr Ctr 0.34
I MT20 6.0x 8.0 1.7-0.3 0.92
E MT20 5.0x 6.0 0.2 2.7 0.78

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

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

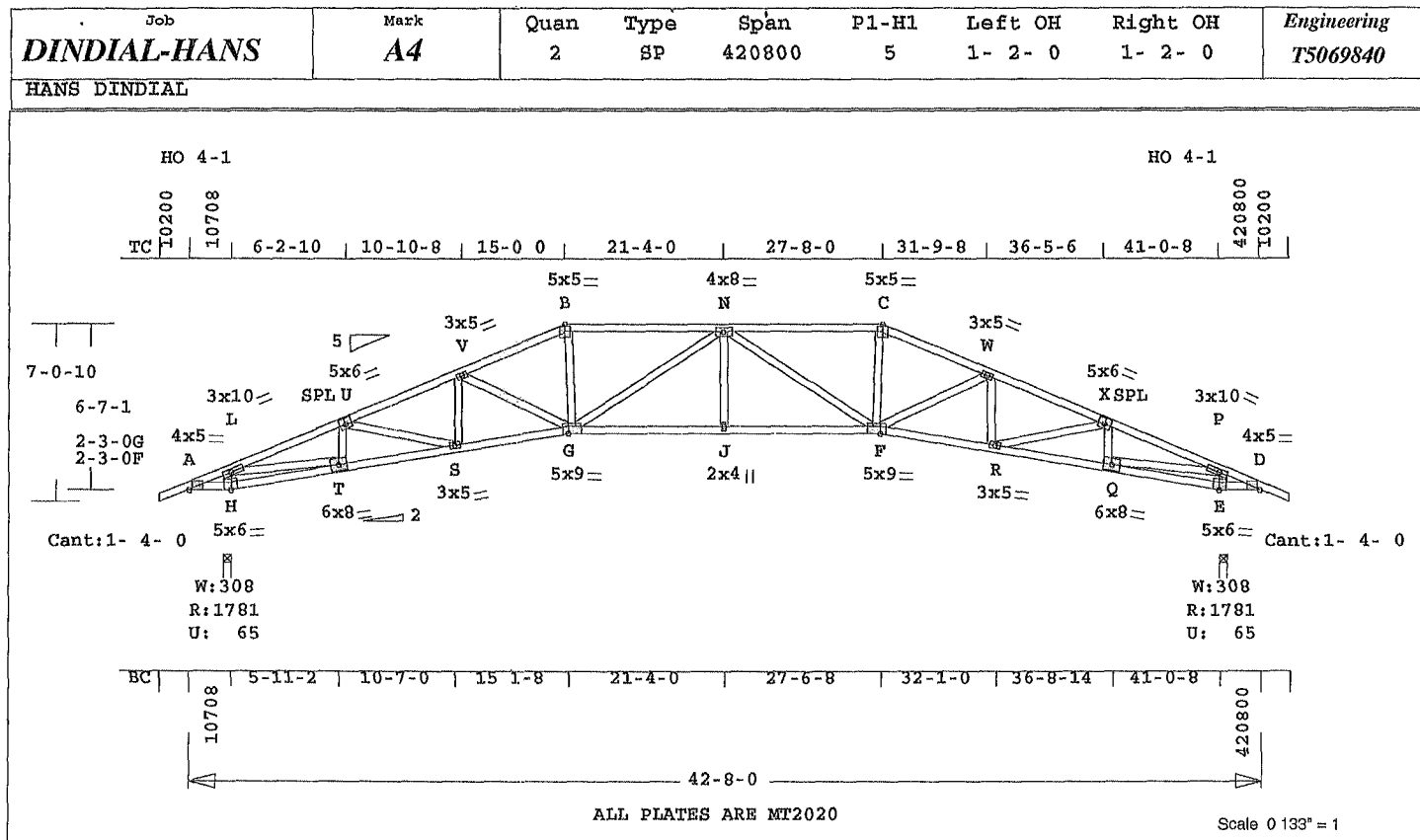
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010

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: 130 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 3875 Lbs
Max tens. force 3629 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

October 7, 2013



Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-13

Southern Pine Lumber design
values are those effective
06-01-13 by SPIB//ALSC UON
CSI -Size- ---Lumber---
TC 0.68 2x 4 SP-#2
BC 0.95 2x 4 SP-#2
WB 0.78 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0-0-0 42-8-0
or 30.0" 0-0-0 42-8-0
BC Cont. 0-0-0 42-8-0
or 72.0" 0-0-0 42-8-0

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	Fo	Ft
TC	1.15	1.10
BC	1.10	1.10

Total Load Reactions (lbs)
Jt Down Uplift Horiz
H 1781 65 U 105 R
E 1781 65 U 105 R

Jt	Brg Size	Required
H	3.5"	1.9"
E	3.5"	1.9"

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	0.44	451	T	0.09	0.35
L-U	0.45	3420	C	0.10	0.35
U-V	0.50	3881	C	0.18	0.32
V-B	0.42	3613	C	0.11	0.31
B-N	0.68	3380	C	0.23	0.45
N-C	0.68	3380	C	0.23	0.45
C-W	0.42	3613	C	0.11	0.31
W-X	0.50	3881	C	0.18	0.32
X-P	0.45	3420	C	0.10	0.35
P-D	0.44	451	T	0.09	0.35
-----Bottom Chords-----					
A-H	0.35	332	C	0.00	0.35
H-T	0.47	348	C	0.00	0.47
T-S	0.87	3195	T	0.65	0.22
S-G	0.85	3631	T	0.74	0.11
G-J	0.95	3790	T	0.77	0.18
J-F	0.95	3790	T	0.77	0.18
F-R	0.85	3631	T	0.74	0.11
R-Q	0.87	3195	T	0.65	0.22
Q-E	0.47	348	C	0.00	0.47
E-D	0.35	331	C	0.00	0.35

MiTek® Online Plus™ APPROX TRUSS WEIGHT: 288 4 LBS

Web	Defl	in	Grain	in	A-L
H-L	0.19	1814	C		
L-T	0.78	3479	T		
T-U	0.06	523	C		
U-S	0.10	448	T		
S-V	0.01	95	T		
V-G	0.12	295	C		
B-G	0.24	1072	T		
G-N	0.44	490	C		
J-N	0.04	241	T		
N-P	0.44	490	C		
F-C	0.24	1072	T		
F-W	0.12	295	C		
R-W	0.01	95	T		
R-X	0.10	448	T		
Q-X	0.06	523	C		
Q-P	0.78	3479	T		
E-P	0.19	1814	C		

TL Defl	LL Defl	LL Cant	Ha Disp	LL	DL	TL	Shear	// Grain	in	A-L
-1.08"	-0.43"	0.02"	0.22"	0.33"	0.55"					

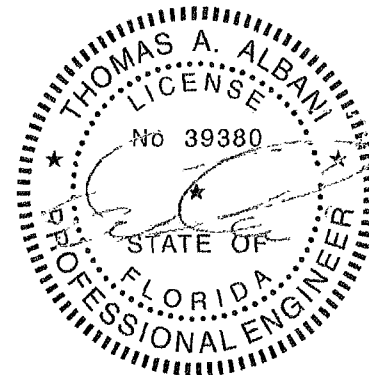
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 5.0 Ctr 0.1 0.40
L MT20 3.0x10.0 1.0 0.4 0.82
U MT20 5.0x 6.0-0.2 0.5 0.59
V MT20 3.0x 5.0 Ctr Ctr 0.35
B MT20 5.0x 5.0 Ctr Ctr 0.94
N MT20 4.0x 8.0 Ctr Ctr 0.23
C MT20 5.0x 5.0 Ctr Ctr 0.94
W MT20 3.0x 5.0 Ctr Ctr 0.35
X MT20 5.0x 6.0 0.2 0.5 0.59
P MT20 3.0x10.0-1.0 0.4 0.82
D MT20 4.0x 5.0 Ctr 0.1 0.40
H MT20 5.0x 6.0-0.2 2.7 0.78
T MT20 6.0x 8.0-1.7-0.3 0.91
S MT20 3.0x 5.0 Ctr Ctr 0.34
G MT20 5.0x 9.0 Ctr-1.0 0.91
J MT20 2.0x 4.0 Ctr Ctr 0.34
F MT20 5.0x 9.0 Ctr-1.0 0.91
R MT20 3.0x 5.0 Ctr Ctr 0.34
Q MT20 6.0x 8.0 1.7-0.3 0.91
E MT20 5.0x 6.0 0.2 2.7 0.78

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

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

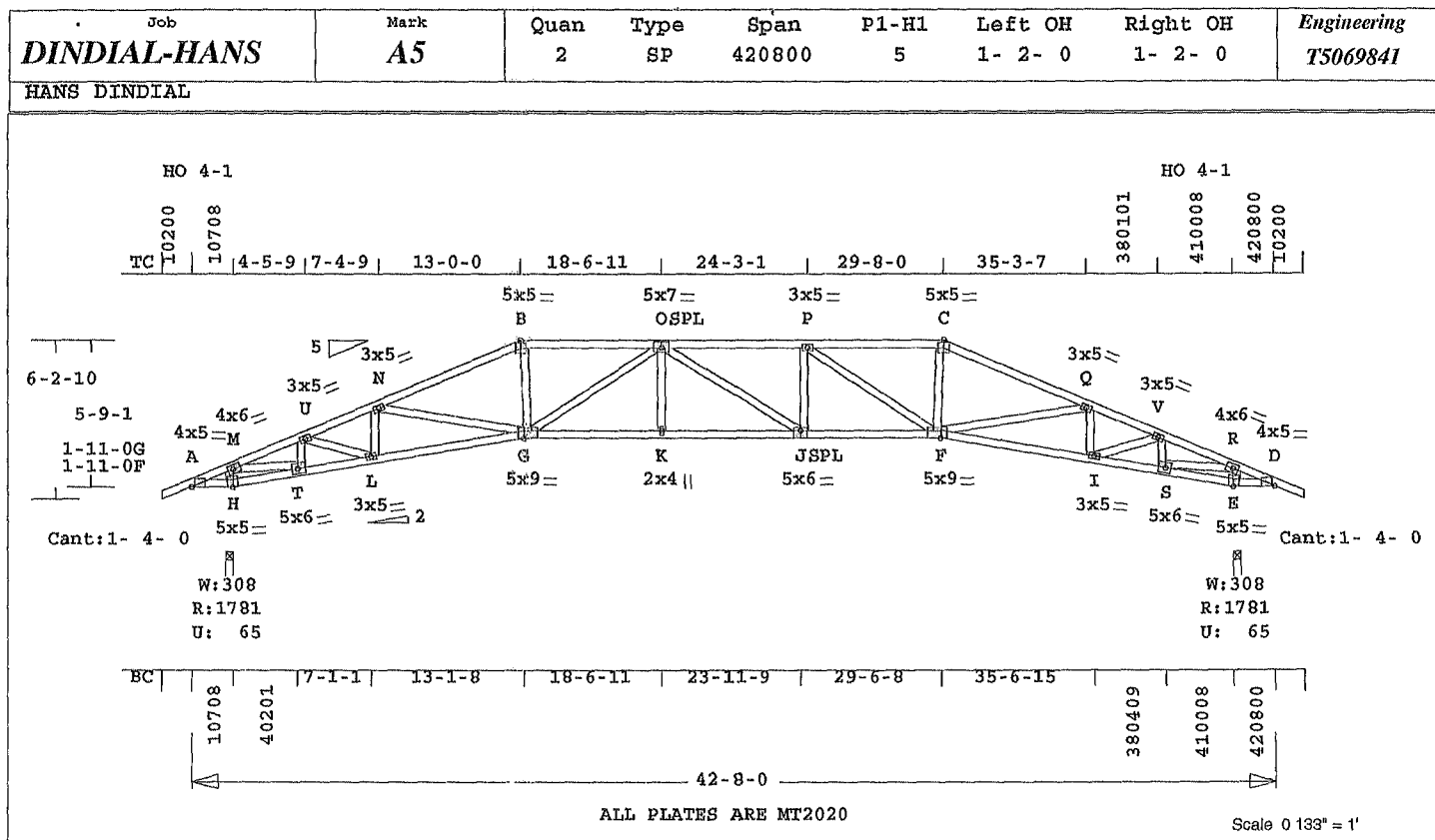
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010

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: 130 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 3881 Lbs
Max tens. force 3790 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

October 7, 2013



Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-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 0.95 2x 4 SP-#2

-- 0.78 2x 4 SP-#1

G - J J - F

WB 0.65 2x 4 SP-#2

Brace truss as follows:

O.C. From To

TC Cont. 0- 0- 0 42- 8- 0

or 30 0" 0- 0- 0 42- 8- 0

BC Cont. 0- 0- 0 42- 8- 0

or 72.0" 0- 0- 0 42- 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 Fo Ft Bmin

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 1781 65 U 91 R

E 1781 65 U 91 R

Jt Brg Size Required

H 3.5" 1.9"

E 3.5" 1.9"

Plus 21 Wind Load Case(s)

Plus 1 USC LL Load Case(s)

Plus 1 DL Load Case(s)

Membr CSI P Lbs Axl-CST-Bnd

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

A - M 0.33 531 T 0.11 0.22

M - U 0.28 2548 C 0.06 0.22

U - N 0.31 3724 C 0.14 0.17

N - B 0.65 3790 C 0.30 0.35

B - O 0.54 3540 C 0.20 0.34

O - P 0.46 4206 C 0.24 0.22

P - C 0.55 3540 C 0.20 0.35

C - Q 0.65 3790 C 0.30 0.35

Q - V 0.31 3723 C 0.14 0.17

V - R 0.29 2707 C 0.06 0.23

R - D 0.33 524 T 0.10 0.23

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

A - H 0.34 428 C 0.00 0.34

MiTek® Online Plus™ APPROX

H - T 0.45 456 C 0.00 0.45

T - L 0.76 2469 T 0.50 0.26

L - G 0.95 3497 T 0.71 0.24

G - K 0.78 4207 T 0.58 0.20

K - J 0.71 4207 T 0.58 0.13

J - F 0.78 4206 T 0.58 0.20

F - I 0.95 3497 T 0.71 0.24

I - S 0.77 2525 T 0.51 0.26

S - E 0.46 447 C 0.00 0.46

E - D 0.34 420 C 0.00 0.34

-----Webs-----

H - M 0.18 1730 C

M - T 0.64 2861 T

T - U 0.09 819 C

U - L 0.24 1074 T

L - N 0.04 314 C

N - G 0.04 95 T

B - G 0.25 1114 T

G - O 0.54 791 C

K - O 0.03 199 T

O - J 0.04 61 C

J - P 0.03 199 T

P - F 0.54 789 C

F - C 0.25 1113 T

F - Q 0.04 95 T

I - Q 0.04 314 C

I - V 0.23 1026 T

S - V 0.08 804 C

S - R 0.65 2906 T

E - R 0.18 1736 C

TL Defl -1.15" in K - J L/411

LL Defl -0.46" in K - J L/999

LL Cant 0.03" in A - H L/526

Hx Disp LL DL TL

Jt E 0.22" 0.33" 0.55"

Shear // Grain in A - H 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 0.1 0.40

M MT20 4.0x 6.0 0.5 0.2 0.94

U MT20 3.0x 5.0 Ctr Ctr 0.57

N MT20 3.0x 5.0 Ctr Ctr 0.35

B MT20 5.0x 5.0 Ctr Ctr 0.98

O MT20 5.0x 7.0 Ctr 0.5 0.71

P MT20 3.0x 5.0 Ctr Ctr 0.41

C MT20 5.0x 5.0 Ctr Ctr 0.98

Q MT20 3.0x 5.0 Ctr Ctr 0.35

V MT20 3.0x 5.0 Ctr Ctr 0.55

R MT20 4.0x 6.0-0.5 0.2 0.95

D MT20 4.0x 5.0 Ctr 0.1 0.40

H MT20 5 0x 5.0-0.2 2.7 0.99

T MT20 5.0x 6.0-1.3-0.2 0.89

L MT20 3.0x 5.0 Ctr Ctr 0.59

G MT20 5.0x 9.0 Ctr-1.0 0.95

TRUSS WEIGHT 285 2 LBS

J MT20 5.0x 6.0 Ctr-1.0 0.98

F MT20 5.0x 9.0 Ctr-1.0 0.95

I MT20 3.0x 5.0 Ctr Ctr 0.57

S MT20 5.0x 6.0 1.3-0.2 0.90

E MT20 5.0x 5.0 0.2 2 7 1.00

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

OK 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: 15-0

Exposure Category: B

Building Type: Enclosed

TC Dead Load: 6.0 psf

BC Dead Load: 6.0 psf

Max comp. force 4206 Lbs

Max tens. force 4207 Lbs

Connector Plate Fabrication

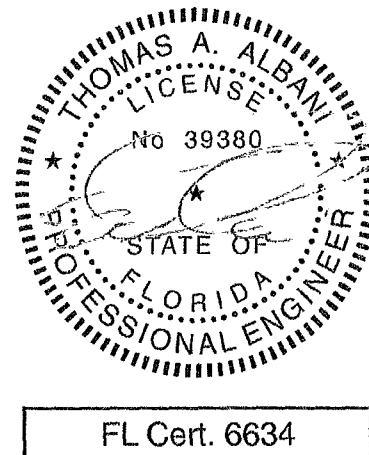
Tolerance - 20%

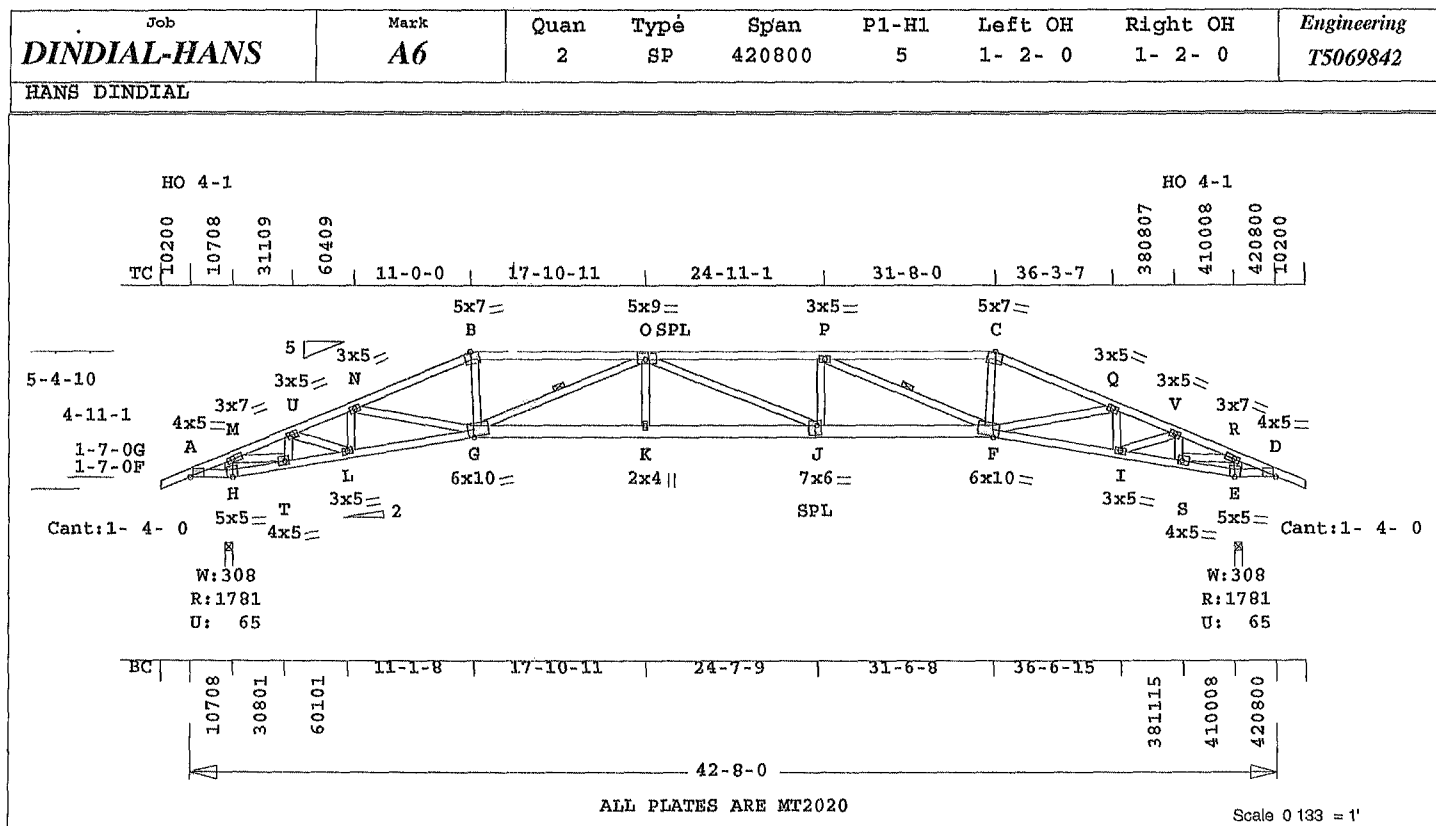
This truss is designed for a

creep factor of 1.5 which

is used to calculate total

load deflection.





Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-13

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

CSI -Size- Lumber-
TC 0.79 2x 4 SP-#1
or 0.48 2x 4 SP-#2
A -B C -D
BC 0.90 2x 6 SP-#2
or 0.81 2x 4 SP-#2
A -H H -G F -E E -D
WB 0.58 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 42- 8- 0
or 24 0" 0- 0- 0 42- 8- 0
BC Cont. 0- 0- 0 42- 8- 0
or 72.0" 0- 0- 0 42- 8- 0

Continuous Lateral Restraint
req'd at mid-point of webs:
G -O P -F
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-
H 1781 65 U 76 R
E 1782 65 U 76 R

Jt Brg Size Required
H 3.5" 1.9"
E 3.5" 1.9"

Plus 21 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 -M 0.28 553 T 0.11 0.17
M -U 0.21 2322 C 0.04 0.17
U -N 0.24 3500 C 0.13 0.11
N -B 0.48 3935 C 0.24 0.24
B -O 0.77 3698 C 0.27 0.50

MiTek® Online Plus™ APPROX

O -P	0.65	4992	C	0.36	0.29
P -C	0.79	3700	C	0.27	0.52
C -Q	0.48	3937	C	0.13	0.35
Q -V	0.24	3500	C	0.13	0.11
V -R	0.21	2322	C	0.04	0.17
R -D	0.28	553	T	0.11	0.17
-----Bottom Chords-----					
A -H	0.34	457	C	0.00	0.34
H -T	0.45	490	C	0.00	0.45
T -L	0.68	2164	T	0.44	0.24
L -G	0.81	3281	T	0.67	0.14
G -K	0.83	5001	T	0.73	0.10
K -J	0.90	5001	T	0.73	0.17
J -F	0.83	4992	T	0.73	0.10
F -I	0.81	3281	T	0.67	0.14
I -S	0.68	2164	T	0.44	0.24
S -E	0.45	490	C	0.00	0.45
E -D	0.34	457	C	0.00	0.34

-----Webs-----					
H -M	0.17	1690	C		
M -T	0.58	2601	T		
T -U	0.10	925	C		
U -L	0.26	1182	T		
L -N	0.05	431	C		
N -G	0.09	410	T		
B -G	0.26	1152	T		
G -O	0.35	1411	C	1 Br	
K -O	0.04	264	T		
O -J	0.06	63	C		
J -P	0.04	261	T		
P -F	0.34	1401	C	1 Br	
F -C	0.25	1151	T		
F -Q	0.09	412	T		
I -Q	0.05	432	C		
I -V	0.26	1181	T		
S -V	0.10	924	C		
S -R	0.58	2601	T		
E -R	0.17	1690	C		

TL Defl -1.21" in K -J L/391
LL Defl -0.48" in K -J L/976
LL Cant 0.03" in E -D L/465
Rz Disp LL DL TL
Jt E 0.21" 0.31" 0.52"
Shear // Grain in B -O 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 5.0 Ctr 0.1 0.40
M MT20 3.0x 7.0 0.9 0.4 0.80
U MT20 3.0x 5.0 Ctr Ctr 0.64
N MT20 3.0x 5.0 Ctr Ctr 0.35
B MT20 5.0x 7.0 0.6-3.1 0.95
O MT20 5.0x 9.0 0.5 0.5 0.82
P MT20 3.0x 5.0 Ctr Ctr 0.77
C MT20 5.0x 7.0 0.6-3.1 0.95
Q MT20 3.0x 5.0 Ctr Ctr 0.35
V MT20 3.0x 5.0 Ctr Ctr 0.64

TRUSS WEIGHT: 294 7 LBS

R MT20	3.0x 7.0	0.9 0.4 0.80
D MT20	4.0x 5.0	Ctr 0.1 0.40
H MT20	5.0x 5.0	0.2 2.7 0.98
T MT20	4.0x 5.0	2.4-0.1 0.92
L MT20	3.0x 5.0	Ctr Ctr 0.66
G MT20	6.0x10.0	0.3-1.7 0.90
K MT20	2.0x 4.0	Ctr Ctr 0.34
J MT20	7.0x 6.0	Ctr-1.2 0.93
F MT20	6.0x10.0	0.3-1.7 0.89
I MT20	3.0x 5.0	Ctr Ctr 0.66
S MT20	4.0x 5.0	2.4-0.1 0.92
E MT20	5.0x 5.0	0.2 2.7 0.98

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

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

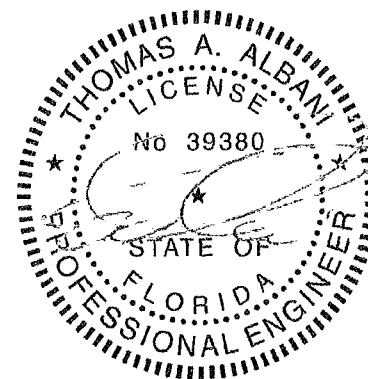
NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:

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.

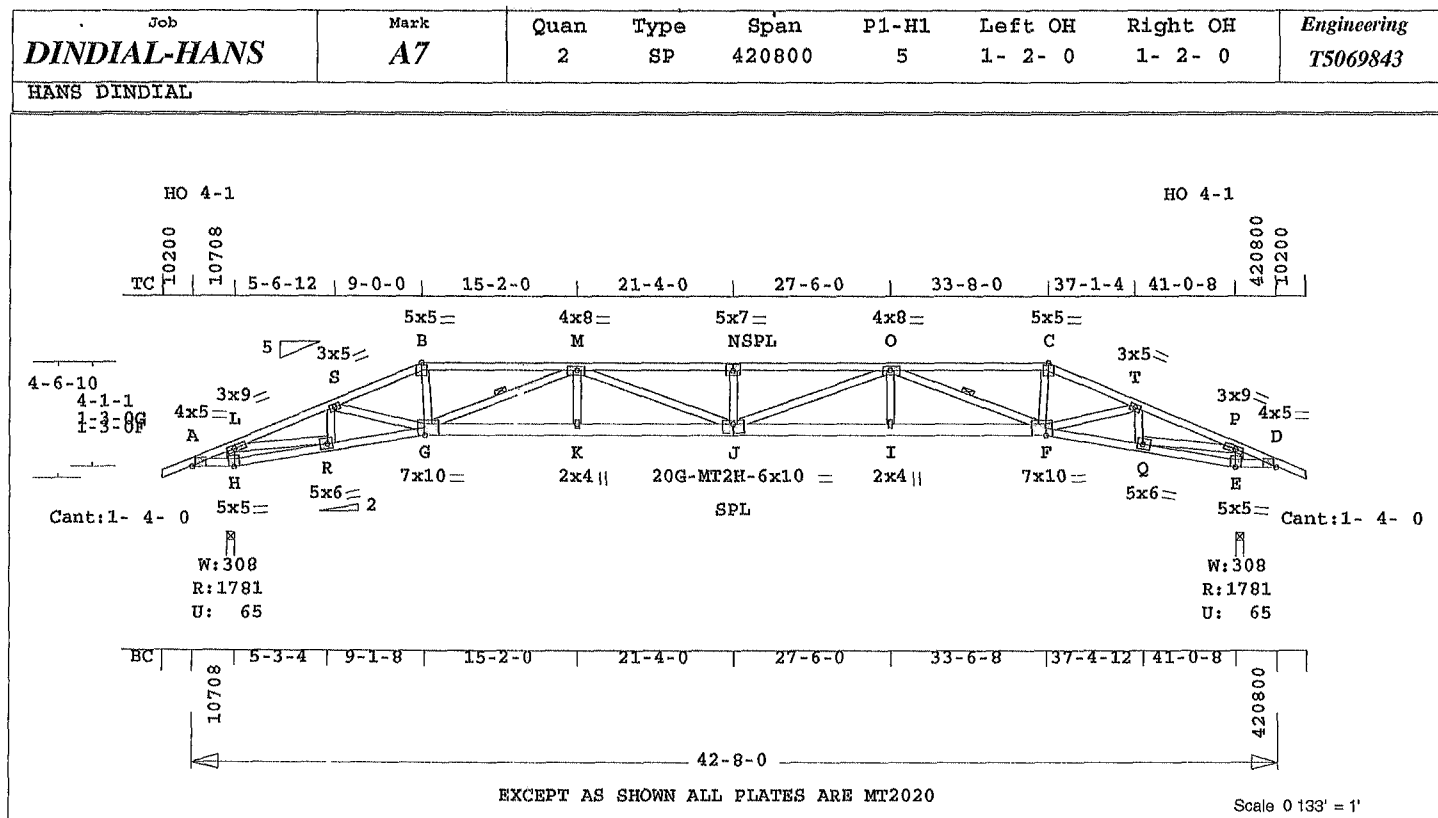
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph
Risk Category: II
Mean Roof Height: 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 4992 lbs
Max tens. force 5001 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

October 7, 2013



Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-13

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

CSI -Size- ---Lumber---
TC 0.76 2x 4 SP-#1
-- 0.44 2x 4 SP-#2
A -B C -D
BC 0.87 2x 4 SP-#2
-- 0.44 2x 6 SP-BS
G -J J -F
WB 0.74 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 42- 8- 0
or 24.0" 0- 0- 0 42- 8- 0
BC Cont. 0- 0- 0 42- 8- 0
or 72.0" 0- 0- 0 42- 8- 0
Continuous Lateral Restraint
req'd at mid-point of webs:
G -M O -F
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-
H 1782 65 U 62 R
E 1781 65 U 62 R

Jt Brg Size Required
H 3.5" 1.9"
E 3.5" 1.9"

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 -L 0.42 488 T 0.10 0.32
L -S 0.41 3212 C 0.09 0.32
S -B 0.44 3941 C 0.13 0.31
B -M 0.57 3730 C 0.21 0.36
M -N 0.76 6133 C 0.46 0.30

MiTek® Online Plus™ APPROX
N -O 0.76 6133 C 0.46 0.30
O -C 0.57 3729 C 0.21 0.36
C -T 0.44 3940 C 0.13 0.31
T -P 0.41 3212 C 0.09 0.32
P -D 0.42 487 T 0.10 0.32
-----Bottom Chords-----
A -H 0.37 369 C 0.00 0.37
H -R 0.45 388 C 0.00 0.45
R -G 0.87 2985 T 0.61 0.26
G -K 0.42 5533 T 0.33 0.09
K -J 0.44 5533 T 0.33 0.11
J -I 0.44 5533 T 0.33 0.11
I -F 0.42 5533 T 0.33 0.09
F -Q 0.87 2985 T 0.61 0.26
Q -E 0.45 387 C 0.00 0.45
E -D 0.37 370 C 0.00 0.37
-----Webs-----
H -L 0.19 1818 C
L -R 0.74 3318 T
R -S 0.06 553 C
S -G 0.16 722 T
B -G 0.26 1195 T
G -M 0.39 1932 C 1 Br
K -M 0.03 205 T
M -J 0.14 645 T
J -N 0.04 349 C
J -O 0.14 645 T
I -O 0.03 205 T
O -F 0.39 1932 C 1 Br
F -C 0.26 1195 T
F -T 0.16 722 T
Q -T 0.06 553 C
Q -P 0.74 3317 T
E -P 0.19 1818 C

TL Defl -1.53" in K -J L/308
LL Defl -0.61" in K -J L/772
LL Cant 0.03" in A -H L/550
Hz Disp LL DL TL
Jt E 0.20" 0.29" 0.49"
Shear // Grain in A -L 0.30

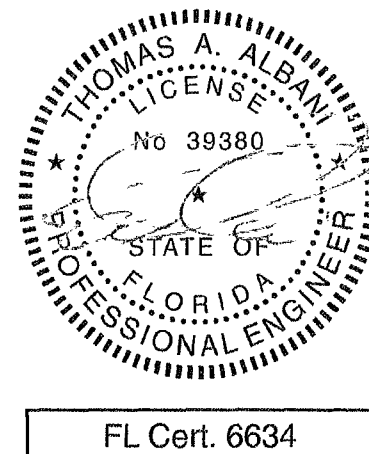
Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT20 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 4.0x 5.0 Ctr 0.1 0.40
L MT20 3.0x 9.0 1.0 0.4 0.82
S MT20 3.0x 5.0 Ctr Ctr 0.38
B MT20 5.0x 5.0 Ctr Ctr 0.98
M MT20 4.0x 8.0-0.5 Ctr 0.75
N MT20 5.0x 7.0 Ctr 0.5 0.86
O MT20 4.0x 8.0 0.5 Ctr 0.75
C MT20 5.0x 5.0 Ctr Ctr 0.98
T MT20 3.0x 5.0 Ctr Ctr 0.38
P MT20 3.0x 9.0-1.0 0.4 0.82
D MT20 4.0x 5.0 Ctr 0.1 0.40
H MT20 5.0x 5.0-0.2 2.7 0.99
R MT20 5.0x 6.0-2.3-0.3 1.00
G MT20 7.0x10.0 Ctr-2.0 0.80

TRUSS WEIGHT 293.6 LBS
K MT20 2.0x 4.0 Ctr Ctr 0.34
J MT20 6.0x10.0 Ctr-1.2 0.79
I MT20 2.0x 4.0 Ctr Ctr 0.34
F MT20 7.0x10.0 Ctr-2.0 0.81
Q MT20 5.0x 6.0 2.3-0.3 1.00
E MT20 5.0x 5.0 0.2 2.7 0.99

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: 130 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 6133 Lbs
Max tens. force 5533 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.

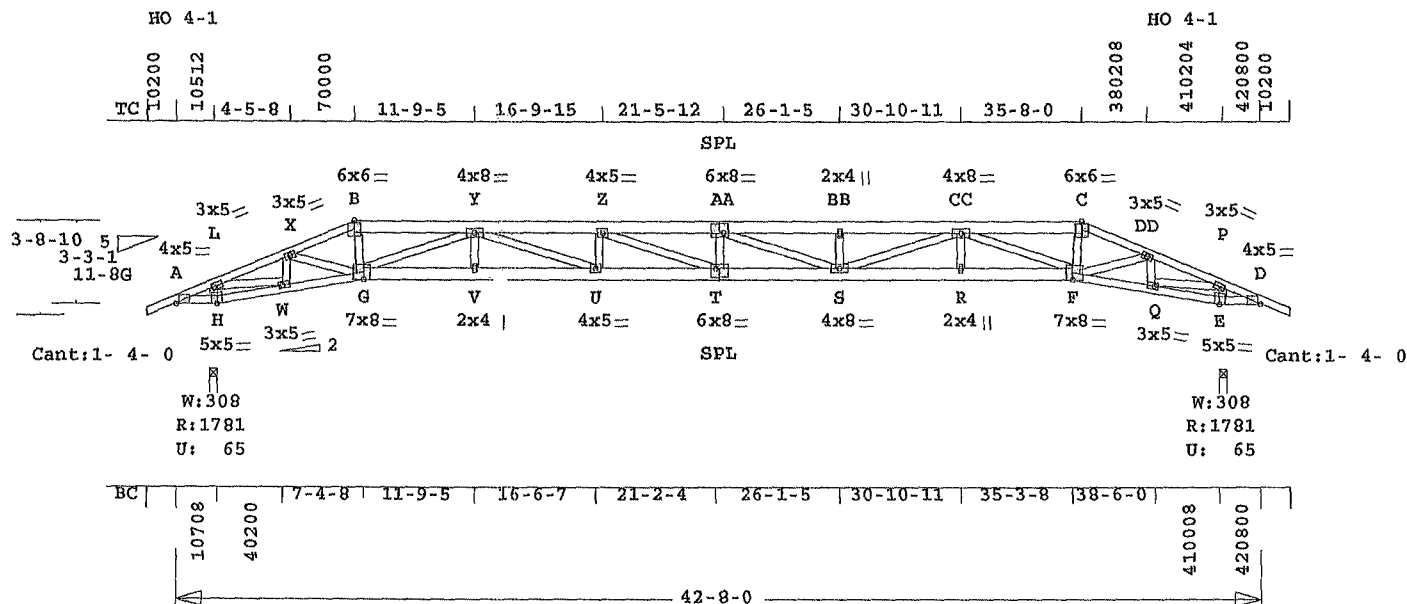


FL Cert. 6634

October 7, 2013

Job	Mark	Quan	Type	Span	P1-H1	Left OH	Right OH	Engineering
DINDIAL-HANS	A8GIR	2*3P	SP	420800	5	1- 2- 0	1- 2- 0	T5069844

HANS DINDIAL



ALL PLATES ARE MT2020

Scale 0 133\" = 1'

Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-13

* 3-PLY Truss *

Southern Pine lumber design
values are those effective
06-01-13 by SPIB//ALSC UON
CSI -Size- ---Lumber---
TC 0.14 2x 4 SP-#2
-- 0 09 2x 6 SP-#2
B -AA AA-C
BC 0 23 2x 4 SP-#2
-- 0 20 2x 6 SP-SS
G -T T -F
WB 0.21 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 42- 8- 0
or 48.0\" 0- 0- 0 42- 8- 0
BC Cont. 0- 0- 0 42- 8- 0
or 120.0\" 0- 0- 0 42- 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 Rmin
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 1781 65 U 47 R
B 1781 65 U 47 R

Jt Brg Size Required
H 3.5\" 1.5\"
B 3.5\" 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-CST-Bnd
-----Top Chords-----
A -L 0.11 529 T 0.03 0.08
L -X 0.08 2654 C 0.00 0.08
X -B 0.14 3872 C 0.01 0.13
B -Y 0.08 3690 C 0.00 0.08
Y -Z 0.08 7627 C 0.02 0.06
Z -AA 0.08 8097 C 0.02 0.06
AA-BB 0.09 7578 C 0.02 0.07
BB-CC 0.08 7578 C 0.02 0.06
CC-C 0.08 3690 C 0.00 0.08

MiTek® Online Plus™ APPROX
C -DD 0.14 3872 C 0.01 0.13
DD-P 0.08 2654 C 0.00 0.08
P -D 0.11 529 T 0.03 0.08
-----Bottom Chords-----

A -H 0.11 422 C 0.00 0.11
H -W 0.15 448 C 0.00 0.15
W -G 0.23 2458 T 0.16 0.07
G -V 0.14 6157 T 0.12 0.02
V -U 0.15 6157 T 0.12 0.03
U -T 0.18 7626 T 0.15 0.03
T -S 0.20 8097 T 0.16 0.04
S -R 0.16 6155 T 0.12 0.04
R -F 0.14 6155 T 0.12 0.02
F -Q 0.23 2458 T 0.16 0.07
Q -E 0.15 447 C 0.00 0.15
E -D 0.11 423 C 0.00 0.11
-----Webs-----

H -L 0.06 1759 C
L -W 0.21 2854 T
W -X 0.02 743 C
X -G 0.09 1221 T
B -G 0.09 1213 T
G -Y 0.11 2638 C
Y -V 0.00 147 T
V -U 0.11 1569 T
U -Z 0.01 446 C
Z -T 0.03 505 T
T -AA 0.00 101 T
AA-S 0.02 556 C
S -BB 0.00 253 C
S -CC 0.11 1523 T
R -CC 0.00 148 T
CC-F 0.11 2636 C
F -C 0.09 1212 T
F -DD 0.09 1221 T
Q -DD 0.02 743 C
Q -P 0.21 2854 T
E -P 0.06 1759 C

TL Defl -0.66\" in T -B L/712
LL Defl -0.27\" in T -B L/999
LL Cant 0.02\" in E -D L/867
Hx Diap LL DL TL
Jt E 0.07\" 0.11\" 0.18\"
Shear // Grain in A -H 0.09

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JBI
A MT20 4.0x 5.0 Ctr 0.1 0.40
L MT20 3.0x 5.0 Ctr Ctr 0.48
X MT20 3.0x 5.0 Ctr Ctr 0.22
B MT20 6.0x 6.0 Ctr-0.5 0.43
Y MT20 4.0x 8.0 Ctr Ctr 0.41
Z MT20 4.0x 5.0 Ctr Ctr 0.10
AA MT20 6.0x 8.0 Ctr 1.2 0.49
BB MT20 2.0x 4.0 Ctr Ctr 0.12
CC MT20 4.0x 8.0 Ctr Ctr 0.41
C MT20 6.0x 6.0 Ctr-0.5 0.43

TRUSS WEIGHT: 319 8 LBS

DD MT20 3.0x 5.0 Ctr Ctr 0.22
P MT20 3.0x 5.0 Ctr Ctr 0.48
D MT20 4.0x 5.0 Ctr 0.1 0.40
H MT20 5.0x 5.0-0.2 2.7 0.40
W MT20 3.0x 5.0-1.0-0.1 0.74
G MT20 7.0x 8.0-1.0 Ctr 0.49
V MT20 2.0x 4.0 Ctr Ctr 0.12
U MT20 4.0x 5.0 Ctr Ctr 0.23
T MT20 6.0x 8.0 Ctr-1.2 0.55
S MT20 4.0x 8.0 Ctr Ctr 0.24
R MT20 2.0x 4.0 Ctr Ctr 0.12
F MT20 7.0x 8.0 1.0 Ctr 0.49
Q MT20 3.0x 5.0 1.0-0.1 0.74
E MT20 5.0x 5.0 0.2 2.7 0.40

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

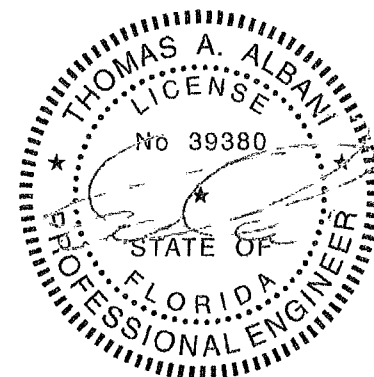
REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

NOTES:
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007
3 COMPLETE TRUSSES REQUIRED.
Fasten plies together in
staggered pattern.
Connector Rows Spacing
TC 10d Gun Nails 1 12.0 in
BC 10d Gun Nails 1 12.0 in
WB 10d Gun Nails 1 8.0 in

TC Connection Exception --
Space connectors for the
following top chords -
B -AA 2 rows @ 12.0\" o.o.
AA-C 2 rows @ 12.0\" o.o.
BC Connection Exception --
Space connectors for the
following bottom chords -
G -T 2 rows @ 12.0\" o.o.
T -F 2 rows @ 12.0\" o.o.
10d gun nails (0.131\"x3\")
must be installed as noted
above, as each layer is
applied.

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.

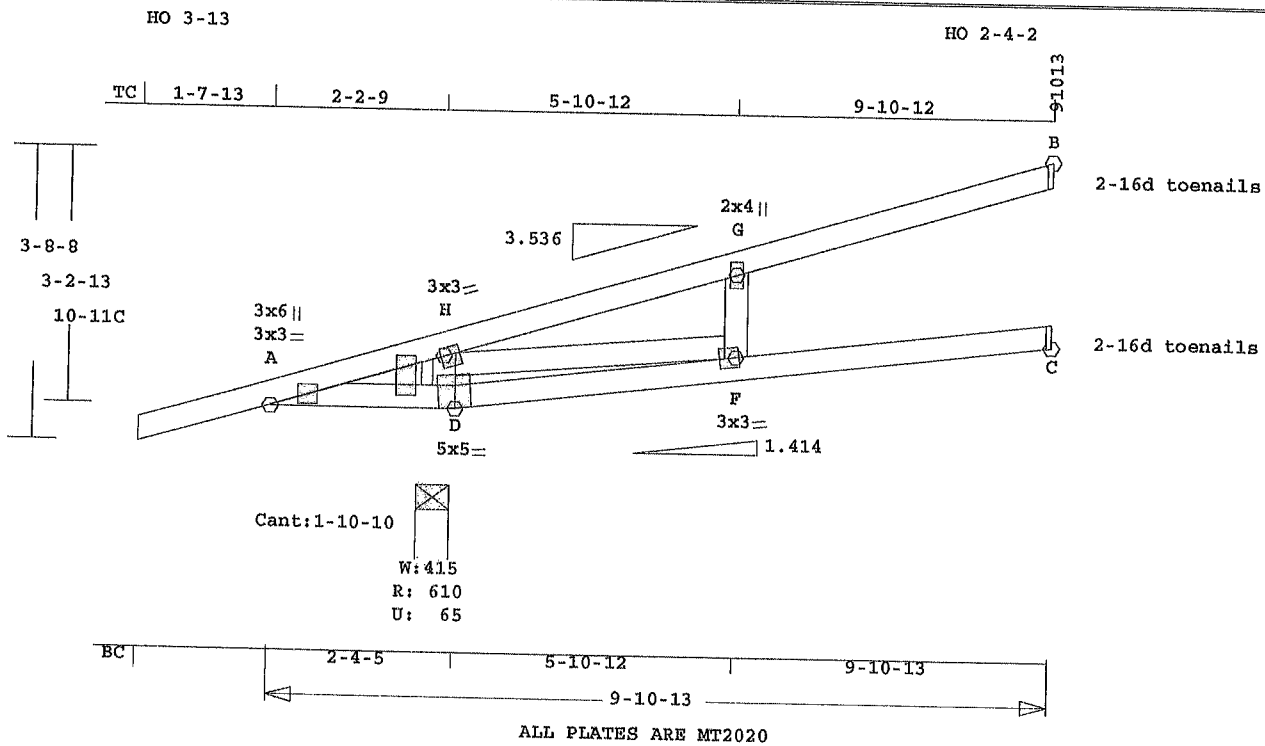
Design checked for 10 psf non-
concurrent LL on BC
Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph
Risk Category: II
Mean Roof Height: 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 8097 Lbs
Max tens. force 8097 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

October 7, 2013

Job	Mark	Quan	Type	Span	Pl-H1	Left OH	Right OH	Engineering
DINDIAL-HANS	CJI	4	SP	91013	3.536	1- 7-13	0	T5069845
HANS DINDIAL								



ALL PLATES ARE MT2020

Scale 0.412" = 1'

Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-13

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

CSI -Size-	Lumber----
TC 0.54	2x 4 SP-#2
BC 0.62	2x 4 SP-#2
WB 0.06	2x 4 SP-#2
WG ---	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 70.8"	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	1.15	1.10 1.10 1.10
BC	1.10	1.10 1.10 1.10

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz-
D	610	66 U	74 R
C	128		50 R
B	200	106 U	

Jt	Brg Size	Required
D	4.9"	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 -H	0.37	389 C	0.00 0.37
H -G	0.46	114 C	0.00 0.46
G -B	0.54	55 C	0.00 0.54
-----Bottom Chords-----			
A -D	0.22	273 T	0.00 0.22
D -F	0.61	276 T	0.00 0.61

MiTek® Online Plus™ APPROX TRUSS WEIGHT: 53 0 LBS

F -C 0.62 52 T 0.00 0.62

-----Webs-----

D -H 0.02 113 T

H -F 0.06 274 C

F -G 0.02 144 T WindId

TL Defl -0.43" in D -F L/203

LL Defl -0.16" in D -F L/534

Hx Disp LL DL TL

Jt B 0.03" 0.03" 0.06"

Shear // Grain in H -G 0.25

Plates for each ply each face.

Plate - MT20 20 Ga, Gross Area

Plate - MT2H 20 Ga, Gross Area

Jt Type Plt Size X Y JSI

A MT20 3.0x 3.0 Ctr Ctr 0.62

A MT20 3.0x 6.0 Ctr Ctr 0.00

H MT20 3.0x 3.0 1.0-0.1 0.31

G MT20 2.0x 4.0 Ctr Ctr 0.13

D MT20 5.0x 5.0-0.2 2.6 0.41

F MT20 3.0x 3.0-1.0-0.1 0.40

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

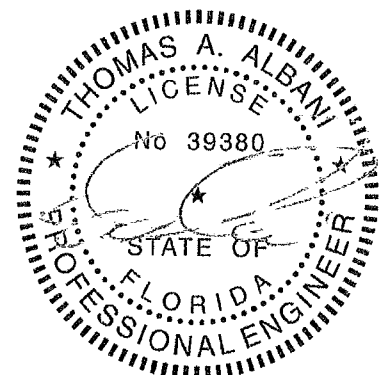
REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

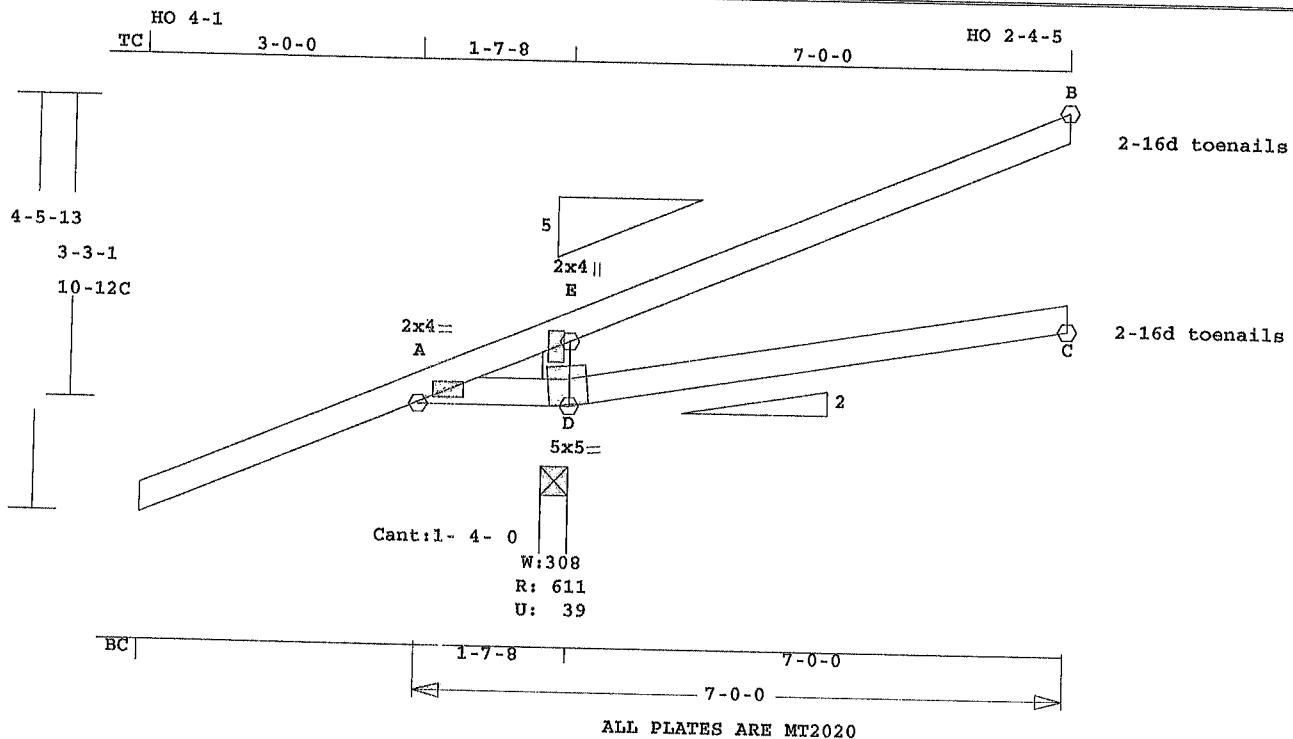
Soffit psf 2.0
Excessive Right OH condition.
Max allowable length is
1- 6-14. Support end or
provide level return.
This truss has been designed
for 20.0 psf LL on the B.C.
in areas where a rectangle
3- 6- 0 tall by

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: 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 389 Lbs
Max tens. force 276 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 DINDIAL-HANS	Mark J1	Quan 7	Type SP	Span 70000	Pl-H1 5	Left OH 3- 0- 0	Right OH 0	Engineering T5069846
HANS DINDIAL								



Scale 0.483 = 1'

Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-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	0.34	2x 4	SP-#2
WB	0.07	2x 4	SP-#2

Brace truss as follows:

	O.C.	From	To
TC Cont.	0- 0- 0	6- 8- 8	
or 48.0"	0- 0- 0	6- 8- 8	
BC Cont.	0- 0- 0	6- 8- 8	
or 84.0"	0- 0- 0	6- 8- 8	

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
D	611	40 U	75 R
C	86		
B	118	42 U	50 R

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

Plus 15 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 0.53 179 C 0.00 0.53
E -B 0.53 88 C 0.00 0.53

MiTek® Online Plus™ APPROX TRUSS WEIGHT: 34 9 LBS

-----Bottom Chords-----
A -D 0.34 114 T 0.01 0.33
D -C 0.33 5 C 0.00 0.33
-----Webs-----
D -E 0.07 442 T WindLd
TL Defl -0.04" in D -C L/999
LL Defl 0.03" in D -C L/999
LL Cant -0.04" in A -D L/362
Hz Disp LL DL TL
Jt B 0.08" 0.02" 0.07"
Shear // Grain in A -E 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 2.0x 4.0 Ctr Ctr 0.68
E MT20 2.0x 4.0 Ctr Ctr 0.34
D MT20 5.0x 5.0-0.2 2.7 0.78

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

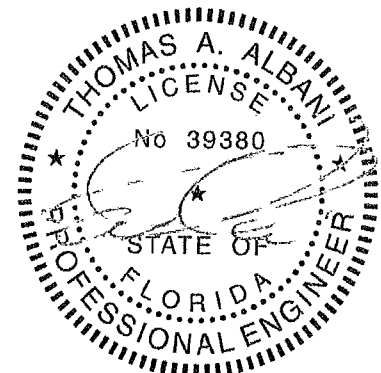
REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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

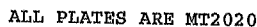
will fit between the B.C.
and any other member.
Design checked for 10 psf non-
concurrent LL on BC.
Wind Loads - ANSI / ASCE 7-10
Truss is designed as
Components and Claddings*
for Exterior zone location.
Wind Speed: 130 mph
Risk Category : II
Mean Roof Height: 15-0
Exposure Category: B
Building Type: Enclosed
TC Dead Load: 6.0 psf
BC Dead Load: 6.0 psf
Max comp. force 429 Lbs
Max tens. force 442 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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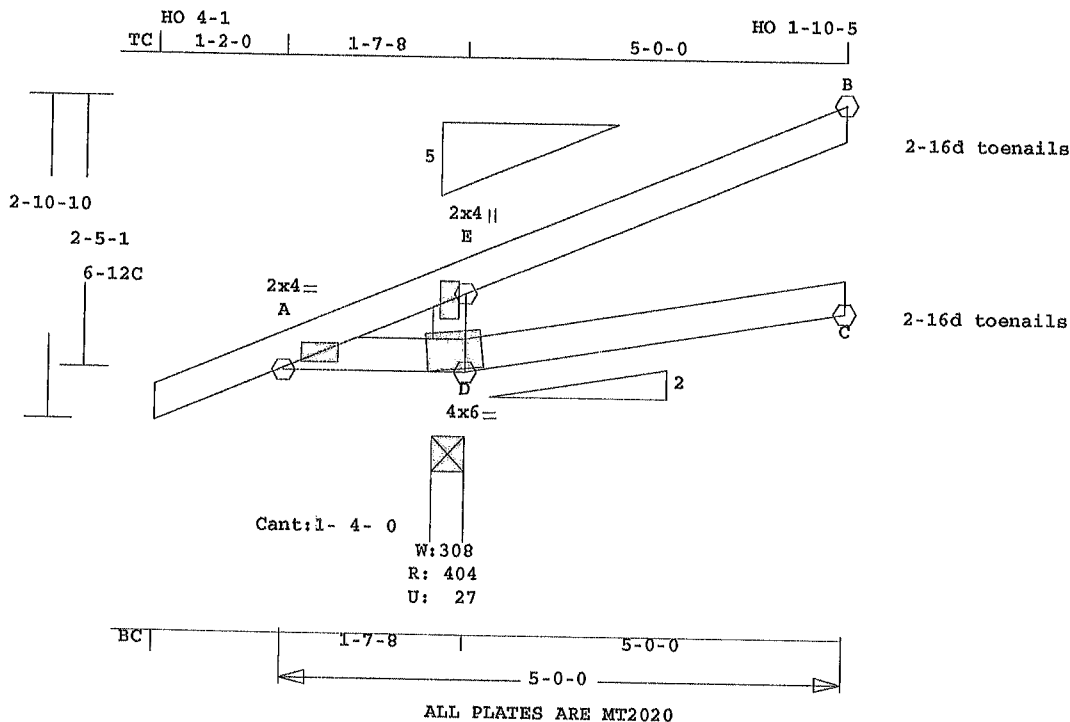
October 7, 2013

Engineering



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Job DINDIAL-HANS	Mark J2	Quan 8	Type SP	Span 50000	P1-H1 5	Left OH 1- 2- 0	Right OH 0	Engineering T5069848
HANS DINDIAL								



Scale 0.584" = 1

Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-13

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

CSI	Size	Lumber
TC	0.26	2x 4 SP-#2
BC	0.22	2x 4 SP-#2
WB	0.05	2x 4 SP-#2

Brace truss as follows:

O.C.	From	To
TC Cont.	0- 0- 0	4- 8- 8
or 48.0"	0- 0- 0	4- 8- 8
BC Cont.	0- 0- 0	4- 8- 8
or 60.0"	0- 0- 0	4- 8- 8

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

Total Load Reactions (Lbs)

Jt	Down	Uplift	Horiz
D	404	27 U	53 R
C	47		
B	68	28 U	36 R

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

Plus 15 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 -E	0.26	129 C	0.00	0.26
E -B	0.26	66 C	0.00	0.26

MiTek® Online Plus™ APPROX TRUSS WEIGHT 23 2 LBS

Bottom Chords				
A -D	0.22	106 T	0.01	0.21
D -C	0.21	5 C	0.00	0.21
Webs				
D -E	0.05	300 T	WindLd	
TL Defl	0.01"	in D -C	L/999	
LL Defl	0.01"	in D -C	L/999	
LL Cant	-0.02"	in A -D	L/764	
Hz Disp	LL	DL	TL	
Jt B	0.02"	0.02"	0.03"	
Shear // Grain	in E -B	0.17		

Plates for each ply each face.
Plate - MT20 20 Ga, Gross Area
Plate - MT2H 20 Ga, Gross Area
Jt Type Plt Size X Y JSI
A MT20 2.0x 4.0 Ctr Ctr 0.68
E MT20 2.0x 4.0 Ctr Ctr 0.24
D MT20 4.0x 6.0-1.2 2.3 0.75

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:

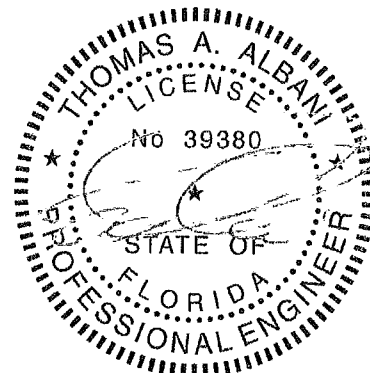
Trusses Manufactured by:
Mayo Truss Co. Inc.
Analysis Conforms To:
FBC2010
TPI 2007

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: 130 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 262 Lbs
Max tens. force 300 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.

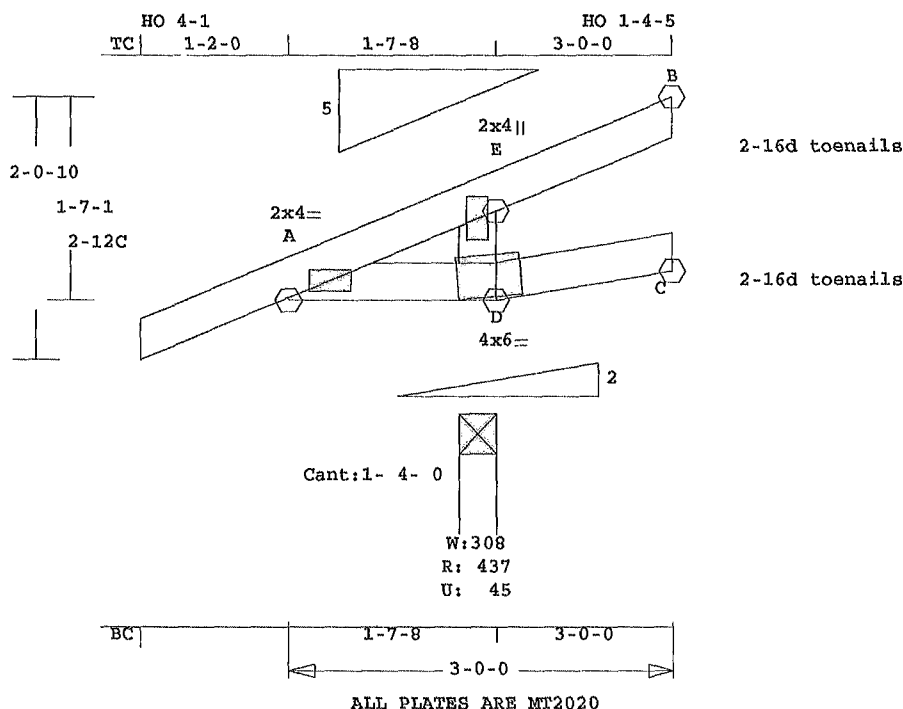


FL Cert. 6634

October 7, 2013

Job DINDIAL-HANS	Mark J3	Quan 8	Type SP	Span 30000	P1-H1 5	Left OH 1- 2- 0	Right OH 0	Engineering T5069849
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HANS DINDIAL



Scale 0.667" = 1'

Online Plus -- Version 30.0.023
RUN DATE: 07-OCT-13

Southern Pine lumber design
values are those effective
06-01-13 by SPIB//ALSC UON
CSI -Size- ---Lumber---
TC 0.21 2x 4 SP-#2
BC 0.26 2x 4 SP-#2
WB 0.05 2x 4 SP-#2

Brace truss as follows:
O.C. From To
TC Cont. 0- 0- 0 2- 8- 8
or 36.0" 0- 0- 0 2- 8- 8
BC Cont. 0- 0- 0 2- 8- 8
or 36.0" 0- 0- 0 2- 8- 8

psf-Ld Dead Live
TC 10.0 20.0
BC 10.0 0.0
TC+BC 20.0 20.0
Total 40.0 Spacing 24.0"
Lumber Duration Factor 1.25
Plate Duration Factor 1.25
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 437 46 U 32 R
C 22 91 G
B 10 32 G 21 R
G = Gravity Uplift

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

Plus 15 Wind Load Case(s)
Plus 1 UBC LL Load Case(s)
Plus 1 DL Load Case(s)

Membr CSI P Lbs Ax1-CSI-Bnd
-----Top Chords-----
A -E 0.21 56 C 0.00 0.21
E -B 0.21 31 C 0.00 0.21
-----Bottom Chords-----

MiTek® Online Plus™ APPROX TRUSS WEIGHT: 15 3 LBS

A -D 0.26 55 T 0.00 0.26
D -C 0.26 21 T 0.00 0.26
-----Webs-----
D -E 0.05 312 T WindLd

TL Defl 0.00" in D -C L/999
LL Defl 0.00" in D -C L/999
LL Cant -0.02" in A -D L/898
Hz Disp LL DL TL
Jt B 0.01" 0.01" 0.03"
Shear // Grain in E -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 0.68
E MT20 2.0x 4.0 Ctr Ctr 0.27
D MT20 4.0x 6.0-0.7 2.3 0.78

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6904 Parke East Blvd.
Tampa, FL 33610

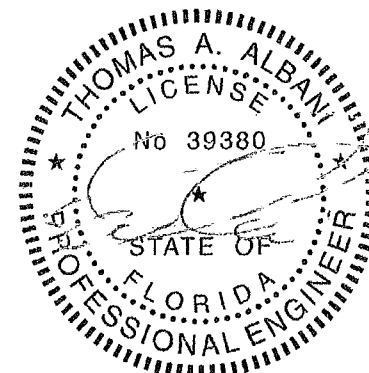
REFER TO ONLINE PLUS GENERAL
NOTES AND SYMBOLS SHEET FOR
ADDITIONAL SPECIFICATIONS.

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: 130 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 216 Lbs
Max tens. force 312 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

October 7, 2013

ONLINE PLUS GENERAL NOTES & SYMBOLS

108

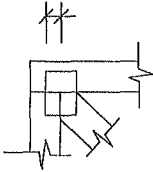
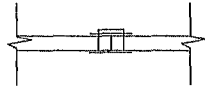


PLATE LOCATION

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

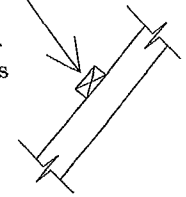
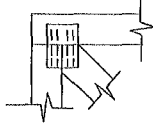


PLATE SIZE AND ORIENTATION

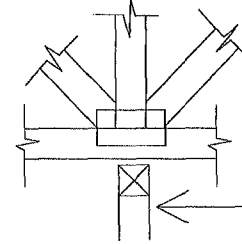
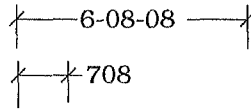
3x5||



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).



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.

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

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.



MiTek USA, Inc.

6904 Parke East Blvd.
Tampa, FL 33610-4115

Tel: 813-972-1135
Fax: 813-971-6117