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

RE: 1610_Model - 1610 Model

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

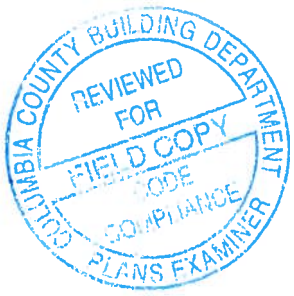
Site Information:
Customer Info: Adam's Construction Project Name: . Model: .
Lot/Block: . Subdivision: .
Address: ., .
City: Lake City State: Fl

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: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 130 mph
Roof Load: 40.0 psf Floor Load: N/A psf

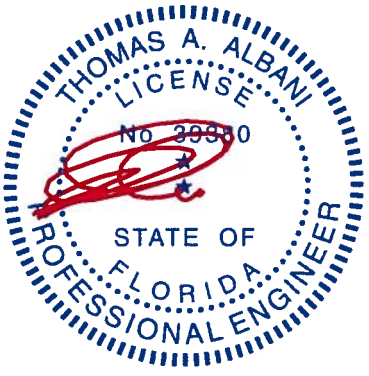
This package includes 32 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T18038862	A1GIR	9/5/19	23	T18038884	CJ1	9/5/19
2	T18038863	A2	9/5/19	24	T18038885	D1GE	9/5/19
3	T18038864	A3	9/5/19	25	T18038886	D2	9/5/19
4	T18038865	A4	9/5/19	26	T18038887	D3GIR	9/5/19
5	T18038866	A5	9/5/19	27	T18038888	J1	9/5/19
6	T18038867	A6	9/5/19	28	T18038889	J1A	9/5/19
7	T18038868	A7	9/5/19	29	T18038890	J1B	9/5/19
8	T18038869	A8	9/5/19	30	T18038891	J2	9/5/19
9	T18038870	A9	9/5/19	31	T18038892	J3	9/5/19
10	T18038871	B1GE	9/5/19	32	T18038893	J4	9/5/19
11	T18038872	B2	9/5/19				
12	T18038873	B3GE	9/5/19				
13	T18038874	B4	9/5/19				
14	T18038875	B5	9/5/19				
15	T18038876	B6	9/5/19				
16	T18038877	C1GIR	9/5/19				
17	T18038878	C2	9/5/19				
18	T18038879	C3	9/5/19				
19	T18038880	C4	9/5/19				
20	T18038881	C5	9/5/19				
21	T18038882	C6	9/5/19				
22	T18038883	C7	9/5/19				



The truss drawing(s) referenced above have been prepared by MiTek USA, 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, 2021.



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6904 Parke East Blvd. Tampa FL 33610
Date:
September 5,2019

IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	A1GIR	Roof Special Girder	1	2	T18038862

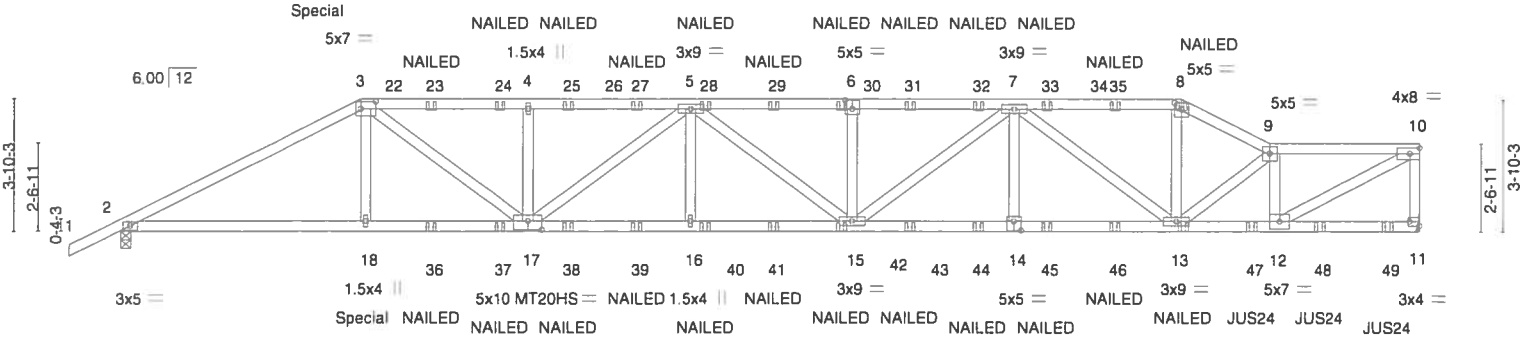
Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:51:54 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-7e7RIonwxU?rS3qebTPCiVAwLT9x1Ts3uyL8eAygjHp

-1-6-0	7-0-0	11-10-10	16-7-9	21-4-7	26-1-6	31-0-0	33-7-0	38-0-0
1-6-0	7-0-0	4-10-10	4-8-14	4-8-14	4-8-14	4-10-10	2-7-0	4-5-0

Scale = 1:67.6



7-0-0	11-10-10	16-7-9	21-4-7	26-1-6	31-0-0	33-7-0	38-0-0
7-0-0	4-10-10	4-8-14	4-8-14	4-8-14	4-10-10	2-7-0	4-5-0

Plate Offsets (X,Y)-- [3:0-5-4,0-2-8], [6:0-2-8,0-3-0], [8:0-2-8,0-2-4], [11:Edge,0-1-8], [14:0-2-8,0-3-4], [17:0-5-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.83	Vert(LL)	-0.37	15-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.74	15-16	>613	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.70	Horz(CT)	0.18	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 410 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
14-17: 2x4 SP No.1
WEBS 2x4 SP No.2

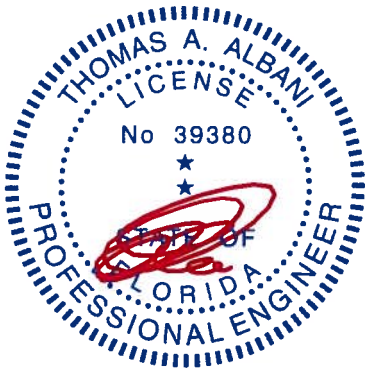
BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 11=3489/Mechanical, 2=3160/0-3-8
Max Horz 2=101(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6272/0, 3-4=-7812/0, 4-5=-7812/0, 5-6=-8850/0, 6-7=-8850/0, 7-8=-5477/0, 8-9=-6026/0, 9-10=-5566/0, 10-11=-3155/0
BOT CHORD 2-18=0/5524, 17-18=0/5546, 16-17=0/8882, 15-16=0/8882, 14-15=0/7743, 13-14=0/7743, 12-13=0/5729
WEBS 3-18=0/640, 3-17=-42/2873, 4-17=-630/146, 5-17=-1353/16, 5-16=0/392, 6-15=-568/129, 7-15=-15/1417, 7-14=0/399, 7-13=-2870/47, 8-13=0/2222, 9-13=-447/0, 9-12=-2534/68, 10-12=0/6224

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Refer to girder(s) for truss to truss connections.
10) Use USP JUS24 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 33-0-12 from the left end to 37-0-12 to connect truss(es) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 228 lb down and 138 lb up at 7-0-0 on top chord, and 361 lb down at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2



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Date: September 5,2019

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Tampa, FL 33610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-8=-60, 8-9=-60, 9-10=-60, 11-19=-20
   Concentrated Loads (lb)
   Vert: 3=-181(F) 8=-125(F) 18=-361(F) 13=-62(F) 23=-125(F) 24=-125(F) 25=-125(F) 27=-125(F) 28=-125(F) 29=-125(F) 30=-125(F) 31=-125(F) 32=-125(F) 33=-125(F) 35=-125(F) 36=-62(F) 37=-62(F) 38=-62(F) 39=-62(F) 40=-62(F) 41=-62(F) 42=-62(F) 43=-62(F) 44=-62(F) 45=-62(F) 46=-62(F) 47=-244(F) 48=-244(F) 49=-246(F)

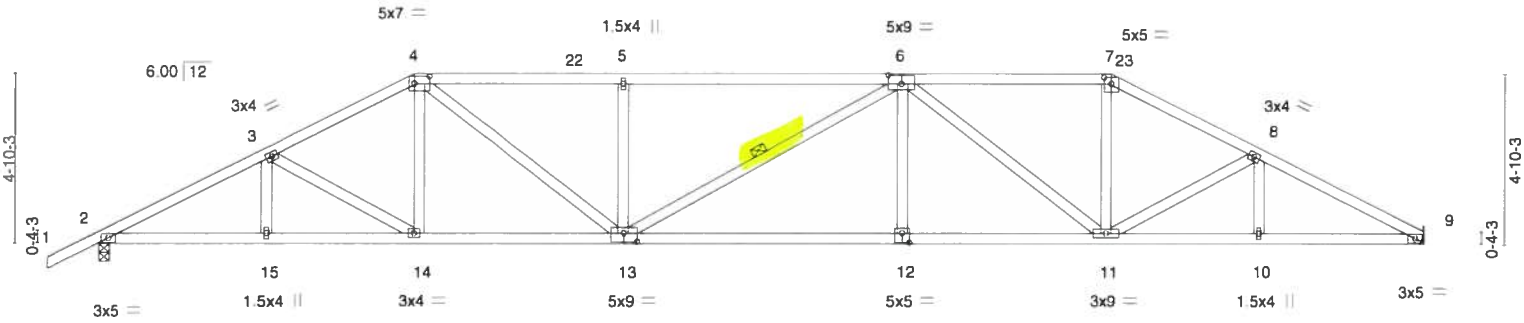
Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038863
1610_MODEL	A2	Hip	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066,

8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:51:55 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-brgpW8oYio7h4DPq9AwRFij7ItYfmroC7c5hBcygjHo

-1-6-0	4-9-4	9-0-0	15-0-0	23-0-0	29-0-0	33-2-12	38-0-0
1-6-0	4-9-4	4-2-12	6-0-0	8-0-0	6-0-0	4-2-12	4-9-4

Scale = 1:66.3



4-9-4	9-0-0	15-0-0	23-0-0	29-0-0	33-2-12	38-0-0
4-9-4	4-2-12	6-0-0	8-0-0	6-0-0	4-2-12	4-9-4

Plate Offsets (X,Y)-- [4:0-5-4,0-2-8], [6:0-4-8,0-3-0], [7:0-2-8,0-2-4], [12:0-2-8,0-3-4], [13:0-4-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.25	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.57	12-13	>805	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.98	Horz(CT)	0.16	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 199 lb	FT = 0%

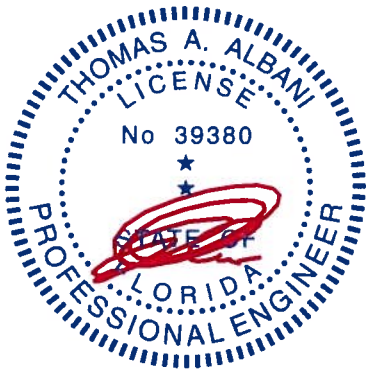
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 6-13

REACTIONS. (lb/size) 9=1518/Mechanical, 2=1612/0-3-8
Max Horz 2=92(LC 11)
Max Uplift 2=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2979/634, 3-4=-2631/599, 4-5=-3100/725, 5-6=-3097/723, 6-7=-2336/576, 7-8=-2640/603, 8-9=-3006/649
BOT CHORD 2-15=-501/2614, 14-15=-501/2614, 13-14=-376/2311, 12-13=-535/3101, 11-12=-534/3102, 10-11=-517/2641, 9-10=-517/2641
WEBS 3-14=-363/143, 4-14=-15/331, 4-13=-196/1065, 5-13=-453/205, 6-12=0/293, 6-11=-1044/191, 7-11=-137/881, 8-11=-386/158

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Date:

September 5,2019

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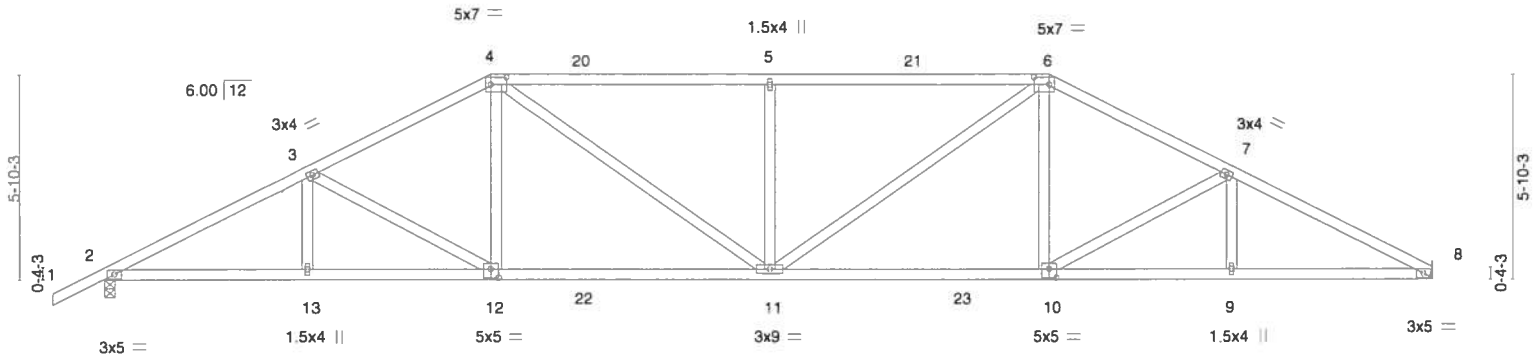
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	1610 Model	
1610_MODEL	A3	Hip	1	1	Job Reference (optional)	T18038864

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:51:58 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-0PMy89qQ_jVGxg8PqlT8tLLd25aGzN1epaJLnxygjHl

-1-6-0	5-9-4	11-0-0	19-0-0	27-0-0	32-2-12	38-0-0
1-6-0	5-9-4	5-2-12	8-0-0	8-0-0	5-2-12	5-9-4

Scale = 1:66.3



5-9-4	11-0-0	19-0-0	27-0-0	32-2-12	38-0-0
5-9-4	5-2-12	8-0-0	8-0-0	5-2-12	5-9-4

Plate Offsets (X,Y)-- [4:0-5-4,0-2-8], [6:0-5-4,0-2-8], [10:0-2-8,0-3-0], [12:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.20	11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.77	Vert(CT)	-0.44	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.14	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 196 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 8=1518/Mechanical, 2=1612/0-3-8
Max Horz 2=110(LC 11)
Max Uplift 2=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2941/644, 3-4=-2499/590, 4-5=-2681/673, 5-6=-2681/673, 6-7=-2505/594, 7-8=-2949/656
BOT CHORD 2-13=-499/2572, 12-13=-499/2572, 11-12=-334/2172, 10-11=-337/2177, 9-10=-511/2594, 8-9=-511/2594
WEBS 3-12=-460/188, 4-12=-11/440, 4-11=-127/736, 5-11=-542/243, 6-11=-122/732, 6-10=-15/442, 7-10=-480/199

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Date:
September 5,2019

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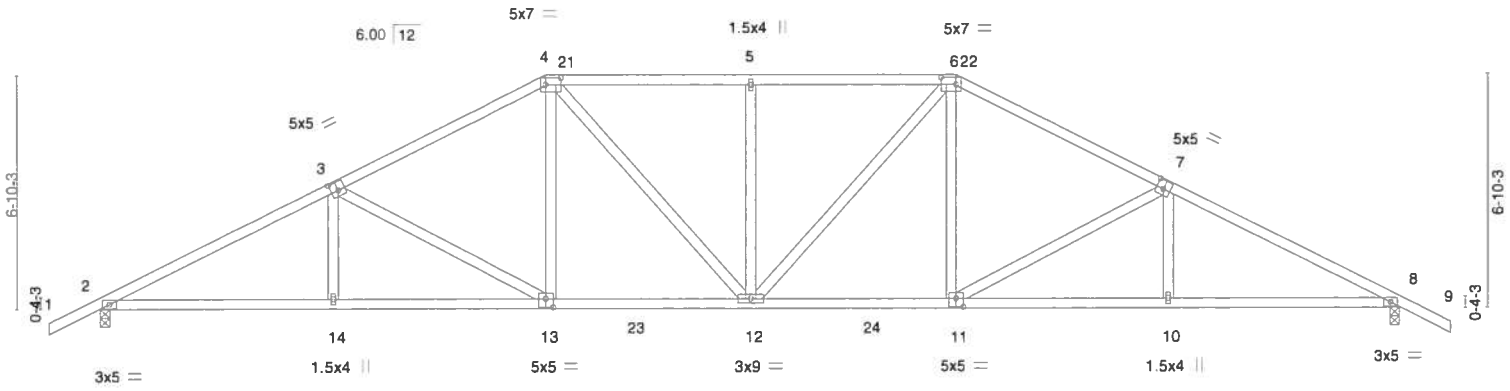
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038865
1610_MODEL	A4	Hip	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:51:59 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-UcwKLVr2I1d7ZqjbO0?NPYut9Uxiimao2E3vKNygjHk

-1-6-0	6-9-4	13-0-0	19-0-0	25-0-0	31-2-12	38-0-0	39-6-0
1-6-0	6-9-4	6-2-12	6-0-0	6-0-0	6-2-12	6-9-4	1-6-0

Scale = 1:67.9



6-9-4	13-0-0	19-0-0	25-0-0	31-2-12	38-0-0
6-9-4	6-2-12	6-0-0	6-0-0	6-2-12	6-9-4

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [4:0-5-4,0-2-8], [6:0-5-4,0-2-8], [7:0-2-8,0-3-0], [11:0-2-8,0-3-0], [13:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	-0.17	12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.69	Vert(CT)	-0.35	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.14	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 206 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=1610/0-3-8, 8=1610/0-3-8
Max Horz 2=132(LC 11)
Max Uplift 2=-36(LC 12), 8=-36(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2901/645, 3-4=-2328/579, 4-5=-2230/606, 5-6=-2230/606, 6-7=-2328/579, 7-8=-2901/645
BOT CHORD 2-14=-448/2528, 13-14=-450/2524, 12-13=-256/2006, 11-12=-257/2000, 10-11=-461/2524, 8-10=-459/2528
WEBS 3-14=0/267, 3-13=-603/234, 4-13=-40/475, 4-12=-66/470, 5-12=-394/168, 6-12=-66/470, 6-11=-40/475, 7-11=-603/234, 7-10=0/267

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Date:
September 5,2019

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MiTek
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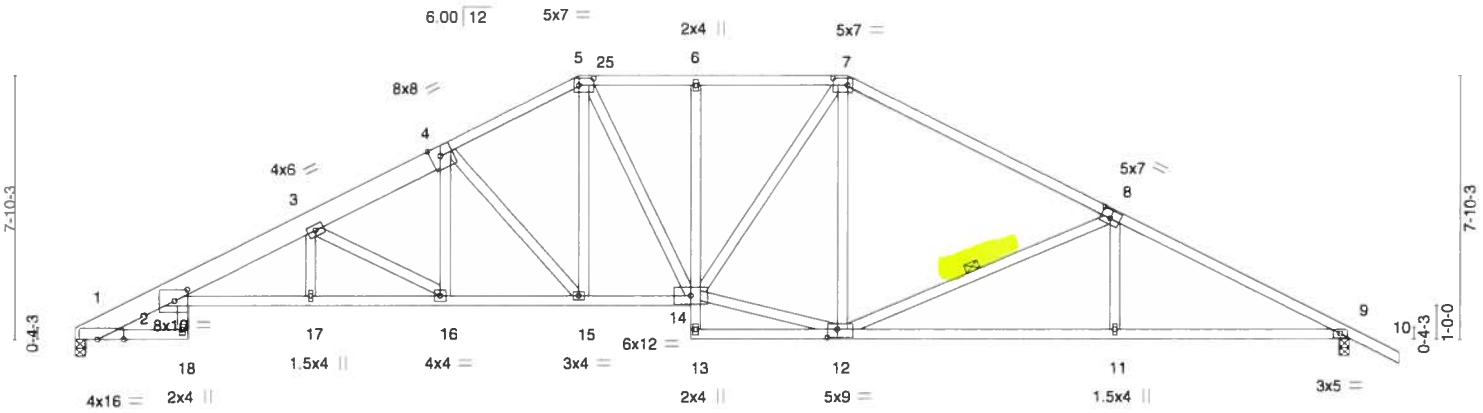
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	1610 Model	
1610_MODEL	A5	HIP	1	1	Job Reference (optional)	T18038866

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:01 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-Q_24mBsJHetro8s_VR1rVzz9Gla1AhZ5VYY?OGygjHi

-1-6-0	1-11-4	3-4-0	7-0-0	11-0-0	15-0-0	18-4-0	23-0-0	31-0-0	38-0-0	39-6-0
1-6-0	1-11-4	1-4-12	3-8-0	4-0-0	4-0-0	3-4-0	4-8-0	8-0-0	7-0-0	1-6-0

Scale = 1:69.0



1-11-4	3-4-0	7-0-0	11-0-0	15-0-0	18-4-0	23-0-0	31-0-0	38-0-0
1-11-4	1-4-12	3-8-0	4-0-0	4-0-0	3-4-0	4-8-0	8-0-0	7-0-0

Plate Offsets (X,Y)-- [1:0-9-8,0-0-0], [2:0-4-10,0-4-0], [4:0-3-8,Edge], [5:0-5-4,0-2-8], [7:0-5-4,0-2-8], [8:0-3-8,0-3-0], [12:0-3-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.24	16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.48	15-16	>931	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.33	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 242 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-4: 2x8 SP 2400F 2.0E
BOT CHORD 2x4 SP No.2 *Except*
2-14: 2x4 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 8-12

REACTIONS. (lb/size) 1=1498/0-3-8, 9=1586/0-3-8
Max Horz 1=-145(LC 10)
Max Uplift 9=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-20=-702/234, 2-3=-3614/794, 3-4=-2904/689, 4-5=-2311/605, 5-6=-2121/593, 6-7=-2115/592, 7-8=-2118/551, 8-9=-2862/652
BOT CHORD 2-17=-639/3493, 16-17=-637/3487, 15-16=-379/2495, 14-15=-226/2027, 11-12=-469/2492, 9-11=-467/2496
WEBS 3-16=-1177/302, 4-16=-100/659, 4-15=-695/225, 5-15=-119/606, 5-14=-40/337, 12-14=-187/1746, 7-14=-71/649, 8-12=-768/289, 8-11=0/325

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

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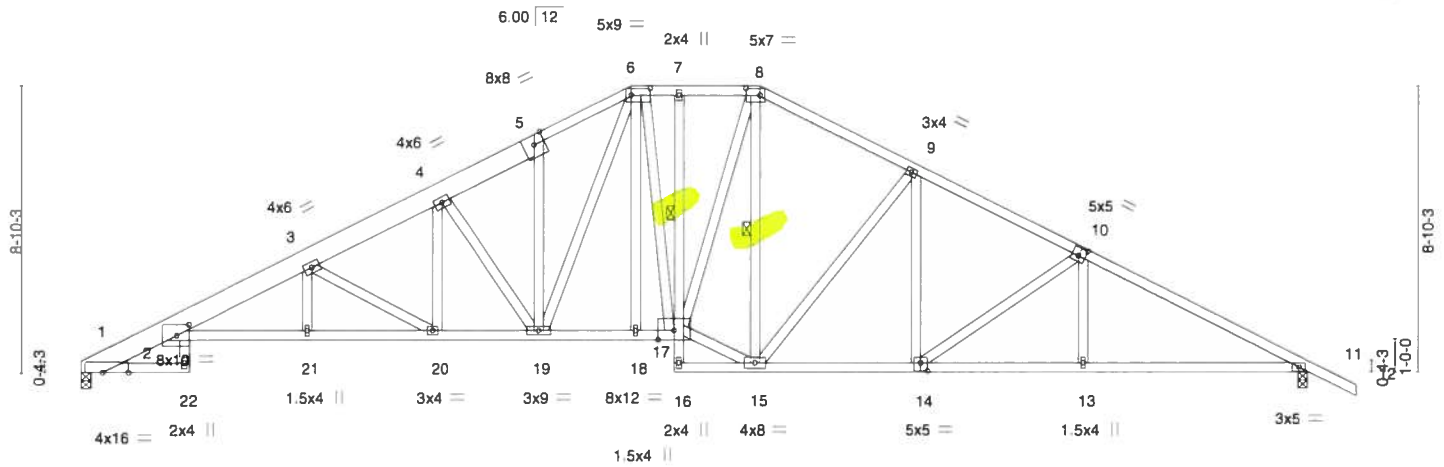
September 5,2019

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038867
1610_MODEL	A6	Hip	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:03 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-MN9rBtuZpF7Z1S0Mds3JaO2WD6GVeYSNzs16T8ygjHg

-1-6-0	3-4-0	7-0-0	11-0-0	14-1-12	17-0-0	18-4-0	21-0-0	25-10-0	31-0-0	38-0-0	39-6-0
1-6-0	3-4-0	3-8-0	4-0-0	3-1-12	2-10-4	1-4-0	2-8-0	4-10-0	5-2-0	7-0-0	1-6-0

Scale = 1:71.6



3-4-0	7-0-0	11-0-0	14-1-12	17-0-0	18-4-0	21-0-0	25-10-0	29-2-12	31-0-0	38-0-0
3-4-0	3-8-0	4-0-0	3-1-12	2-10-4	1-4-0	2-8-0	4-10-0	3-4-12	1-9-4	7-0-0

Plate Offsets (X,Y)-- [1:0-9-8,0-0-0], [2:0-4-10,0-4-0], [6:0-7-0,0-2-8], [8:0-5-4,0-2-8], [10:0-2-8,0-3-0], [14:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.23	20	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.47	19-20	>954	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.33	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 285 lb	FT = 0%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except*
	1-5: 2x8 SP 2400F 2.0E
BOT CHORD	2x4 SP No.2 *Except*
	2-17: 2x4 SP No.1
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied. Except:
	1 Row at midpt 7-17
WEBS	1 Row at midpt 8-15

REACTIONS. (lb/size) 1=1498/0-3-8, 11=1586/0-3-8
Max Horz 1=-163(LC 10)
Max Uplift 11=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-24=-702/237, 2-3=-3631/816, 3-4=-2942/712, 4-5=-2432/649, 5-6=-2397/710, 6-7=-1828/565, 7-8=-1826/565, 8-9=-1880/568, 9-10=-2340/618, 10-11=-2826/657
BOT CHORD	2-21=-661/3513, 20-21=-659/3507, 19-20=-405/2538, 18-19=-175/1823, 17-18=-174/1826, 14-15=-302/2016, 13-14=-466/2453, 11-13=-465/2456
WEBS	3-20=-1125/295, 4-20=-105/628, 4-19=-735/232, 15-17=-155/1641, 8-17=-59/689, 9-15=-630/235, 10-14=-533/200, 9-14=-53/424, 10-13=0/254, 6-19=-262/800

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

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September 5,2019

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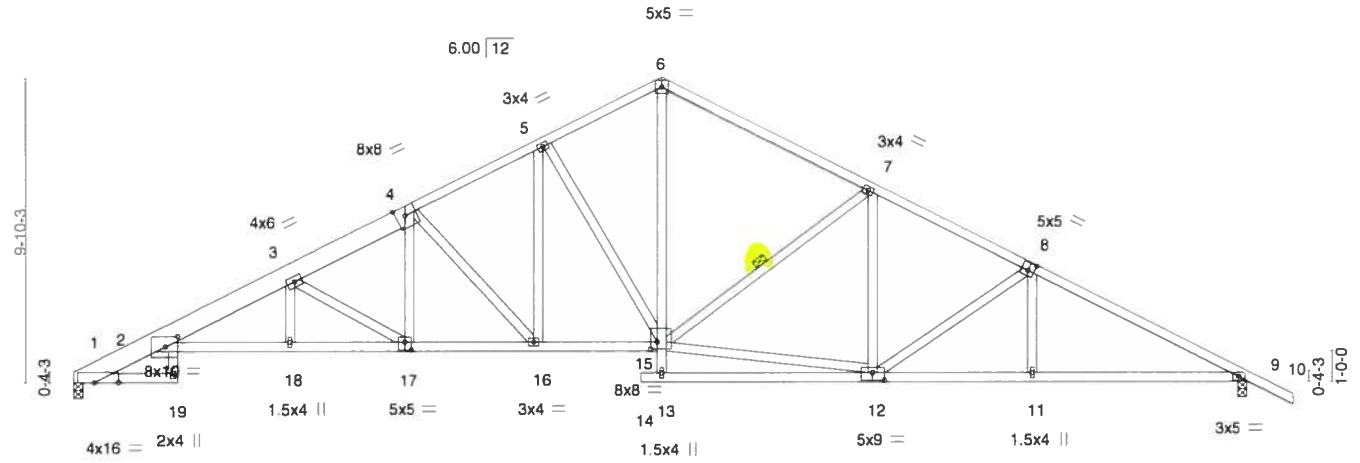
Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038868
1610_MODEL	A7	Roof Special	2	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:05 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-ImHbcYvpLtNHHlAlkH6nfp8shvyw6SbgQAWDX1ygjHe

-1-6-0	3-4-0	7-0-0	10-10-0	15-0-0	18-4-0	19-0-0	25-10-0	31-0-0	38-0-0	39-6-0
1-6-0	3-4-0	3-8-0	3-10-0	4-2-0	3-4-0	0-8-0	6-10-0	5-2-0	7-0-0	1-6-0

Scale = 1:74.9



3-4-0	7-0-0	10-10-0	15-0-0	18-4-0	19-0-0	25-10-0	31-0-0	38-0-0
3-4-0	3-8-0	3-10-0	4-2-0	3-4-0	0-8-0	6-10-0	5-2-0	7-0-0

Plate Offsets (X,Y)-- [1:0-9-8,0-0-0], [2:0-4-10,0-4-0], [4:0-3-8,Edge], [8:0-2-8,0-3-0], [12:0-4-8,0-3-0], [15:0-2-8,0-2-12], [17:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.25	16-17	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.51	12-13	>876	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.34	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 246 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-4: 2x8 SP 2400F 2.0E
BOT CHORD 2x4 SP No.2 *Except*
2-17: 2x4 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 7-15

REACTIONS. (lb/size) 1=1504/0-3-8, 9=1591/0-3-8
Max Horz 1=-181(LC 10)
Max Uplift 9=-34(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-712/238, 2-3=-3633/822, 3-4=-2971/725, 4-5=-2342/629, 5-6=-1911/586, 6-7=-1932/561, 7-8=-2356/622, 8-9=-2830/662
BOT CHORD 2-18=-665/3513, 17-18=-663/3507, 16-17=-409/2531, 15-16=-248/2041, 11-12=-470/2456, 9-11=-468/2459
WEBS 3-17=-1159/302, 4-17=-112/687, 4-16=-698/229, 5-16=-108/591, 5-15=-739/235, 6-15=-328/1315, 7-12=0/271, 8-12=-504/192, 12-15=-316/2022, 7-15=-556/237

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
8) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

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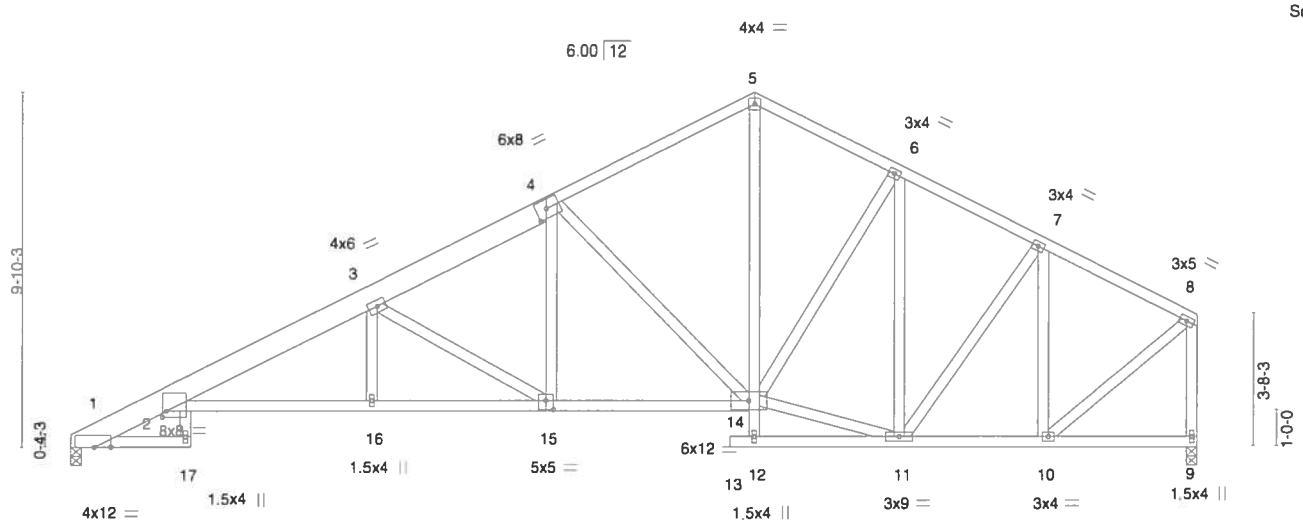
Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038869
1610_MODEL	A8	ROOF SPECIAL	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:06 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-nyrzpuwR6AV8vvlxl_d0C1g10JHhrqoqfqFm4TygjHd

-1-6-0	3-4-0	8-4-0	13-4-0	18-4-0	19-0-0	23-0-3	27-0-5	31-4-0
1-6-0	3-4-0	5-0-0	5-0-0	5-0-0	0-8-0	4-0-3	4-0-3	4-3-11

Scale: 3/16"=1'



3-4-0	8-4-0	13-4-0	18-4-0	23-0-3	27-0-5	31-4-0
3-4-0	5-0-0	5-0-0	5-0-0	4-8-3	4-0-3	4-3-11

Plate Offsets (X,Y)-- [1:0-5-8,0-0-0], [2:0-1-6,0-2-0], [4:0-3-8,0-3-0], [15:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.53	Vert(LL)	-0.20	2-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.41	2-16	>893	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.25	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 227 lb	FT = 0%

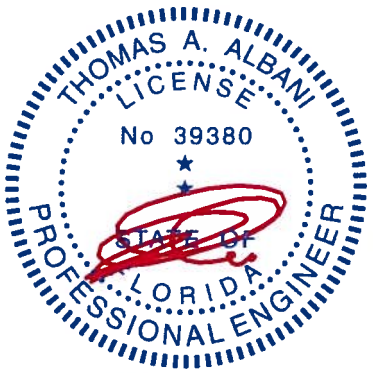
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
1-4: 2x8 SP 2400F 2.0E
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied. Except:
10-0-0 oc bracing: 12-14

REACTIONS. (lb/size) 1=1233/0-3-8, 9=1230/0-3-8
Max Horz 1=209(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-19=-612/131, 2-3=-2646/645, 3-4=-1971/534, 4-5=-1285/422, 5-6=-1248/432, 6-7=-1165/388, 7-8=-969/291, 8-9=-1188/309
BOT CHORD 2-16=-721/2509, 15-16=-719/2505, 14-15=-431/1652, 5-14=-224/782, 10-11=-222/822
WEBS 3-15=-1006/339, 4-15=-109/634, 4-14=-802/294, 6-11=-397/120, 7-11=-23/290, 7-10=-582/212, 8-10=-241/1041, 11-14=-217/987

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=31ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.



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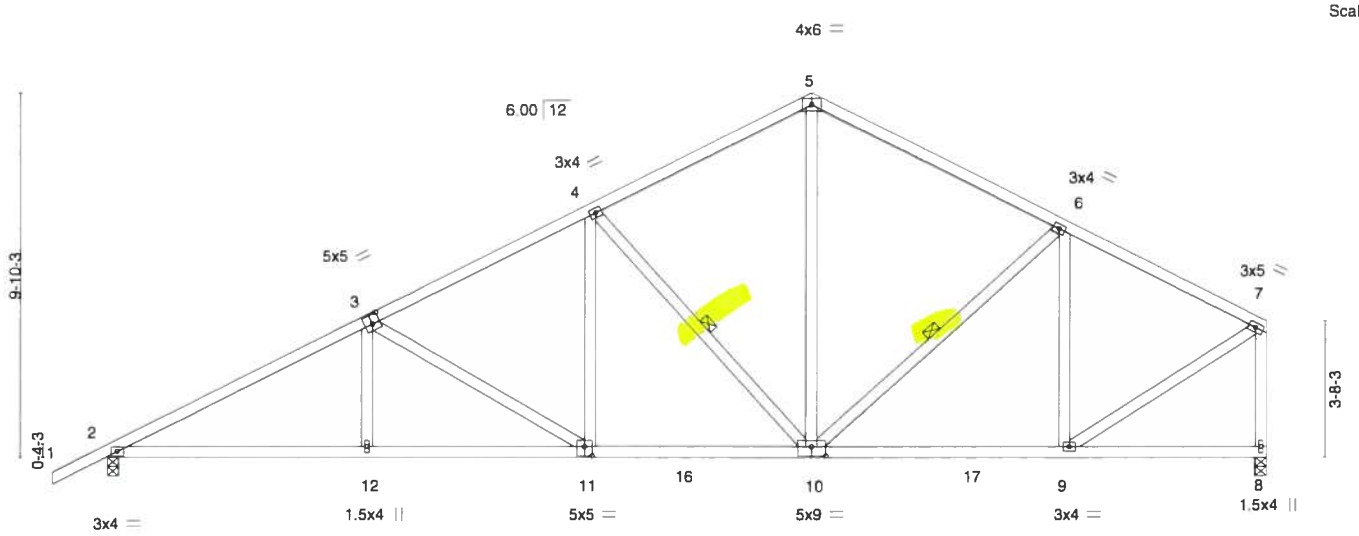
Date:
September 5,2019

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038870
1610_MODEL	A9	Common	2	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:07 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-F8PM1Ex4tUd?W3K8sh8FkEDDqjhZaOUzuU?KcwygjHc

-1-6-0	7-0-0	13-0-0	19-0-0	25-10-0	31-4-0
1-6-0	7-0-0	6-0-0	6-0-0	6-10-0	5-6-0

Scale = 1:62.6



7-0-0	13-0-0	19-0-0	25-10-0	31-4-0
7-0-0	6-0-0	6-0-0	6-10-0	5-6-0

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [10:0-4-8,0-3-0], [11:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.46	Vert(LL)	-0.09	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.19	12-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.07	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 188 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-10, 6-10

REACTIONS. (lb/size) 2=1340/0-3-8, 8=1245/0-3-8
Max Horz 2=220(LC 11)
Max Uplift 2=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2290/529, 3-4=-1738/483, 4-5=-1191/425, 5-6=-1206/420, 6-7=-1118/331, 7-8=-1197/324
BOT CHORD 2-12=-575/2026, 11-12=-577/2023, 10-11=-391/1532, 9-10=-255/948
WEBS 3-12=0/270, 3-11=-582/218, 4-11=-42/472, 4-10=-756/265, 5-10=-172/654, 6-9=-468/224, 7-9=-258/1096

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=31ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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September 5,2019

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038871
1610_MODEL	B1GE	Common Supported Gable	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:09 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-BXX6SwyKP5uimNTWz6AjpfIeIWWK2PvGLoURgoygjHa

-1-6-0 | 10-2-0 | 20-4-0 | 21-10-0
1-6-0 | 10-2-0 | 10-2-0 | 1-6-0

Scale = 1:38.6

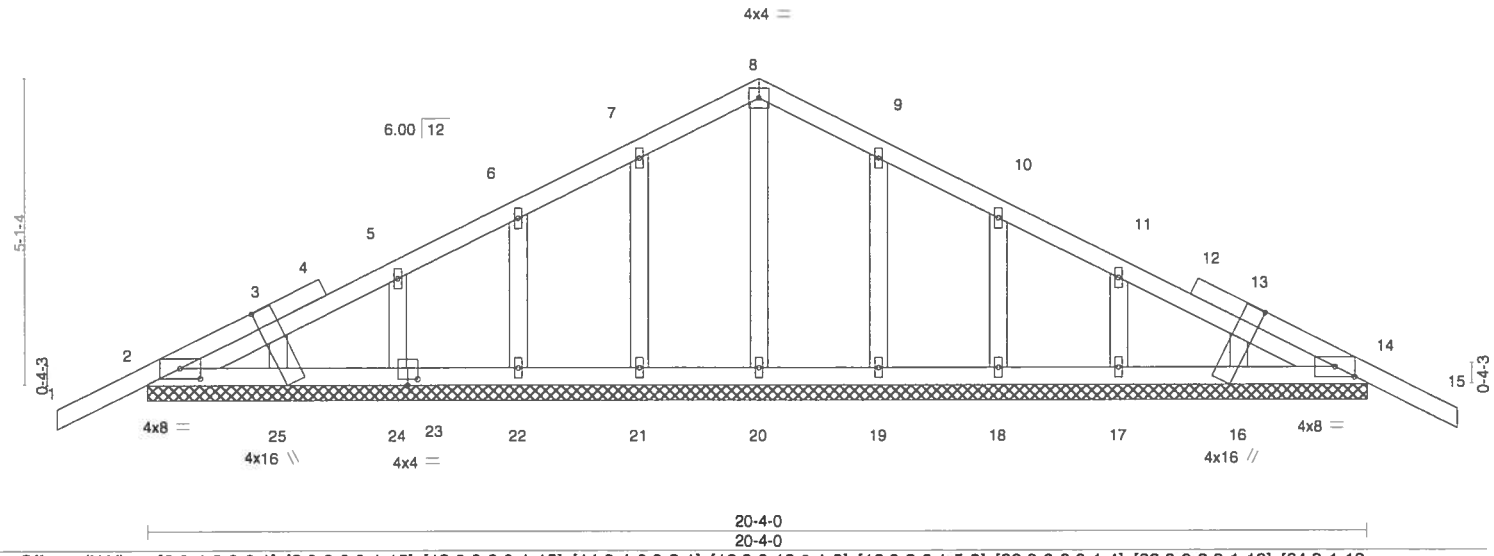


Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [3:0-0-0,0-1-15], [13:0-0-0,0-1-15], [14:0-4-0,0-2-1], [16:0-0-13,0-1-9], [16:0-3-6,1-5-8], [23:0-2-0,0-1-4], [23:0-0-0,0-1-12], [24:0-1-12,0-0-0], [25:0-0-13,0-1-9], [25:0-3-6,1-5-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.01	15	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.01	15	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 108 lb	FT = 0%

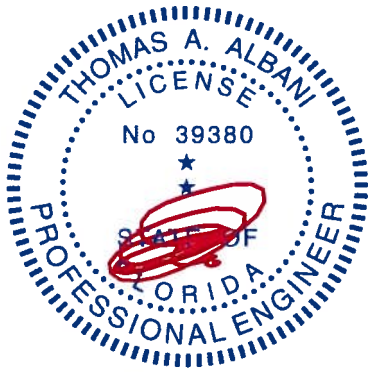
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 20-4-0.
(lb) - Max Horz 2=-91(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 21, 22, 24, 19, 18, 17
Max Grav All reactions 250 lb or less at joint(s) 2, 14, 20, 21, 22, 24, 25, 19, 18, 17, 16

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 1.5x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14, 21, 22, 24, 19, 18, 17.



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September 5,2019

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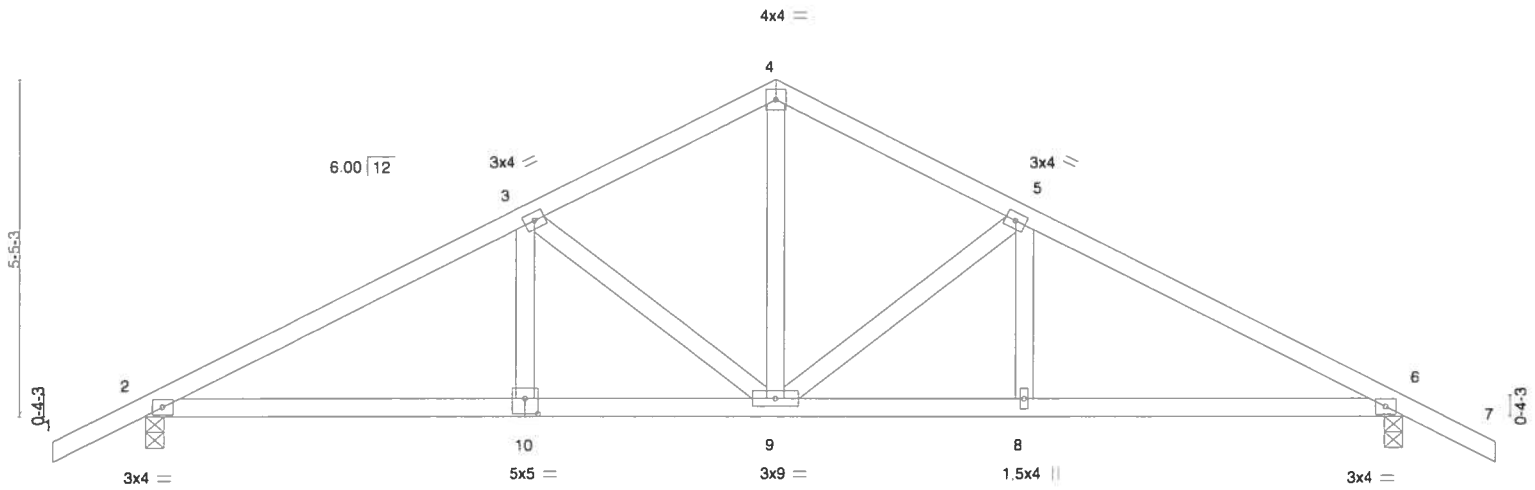
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	B2	Common	3	1	T18038872
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:10 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-fj4UfGzy9P0ZNW2iXqhyMtrnSwmXnpZPaSD_DEygjHZ

-1-6-0	6-1-9	10-2-0	14-2-7	20-4-0	21-10-0
1-6-0	6-1-9	4-0-7	4-0-7	6-1-9	1-6-0

Scale = 1:37.4



6-1-9	10-2-0	14-2-7	20-4-0
6-1-9	4-0-7	4-0-7	6-1-9

Plate Offsets (X,Y)-- [10:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	-0.04	8-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.11	8-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 99 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=903/0-3-8, 6=903/0-3-8
Max Horz 2=96(LC 11)
Max Uplift 2=-37(LC 12), 6=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1374/325, 3-4=-964/293, 4-5=-964/293, 5-6=-1374/325
BOT CHORD 2-10=-170/1169, 9-10=-170/1169, 8-9=-180/1169, 6-8=-180/1169
WEBS 4-9=-155/616, 5-9=-470/171, 3-9=-470/172

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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September 5,2019

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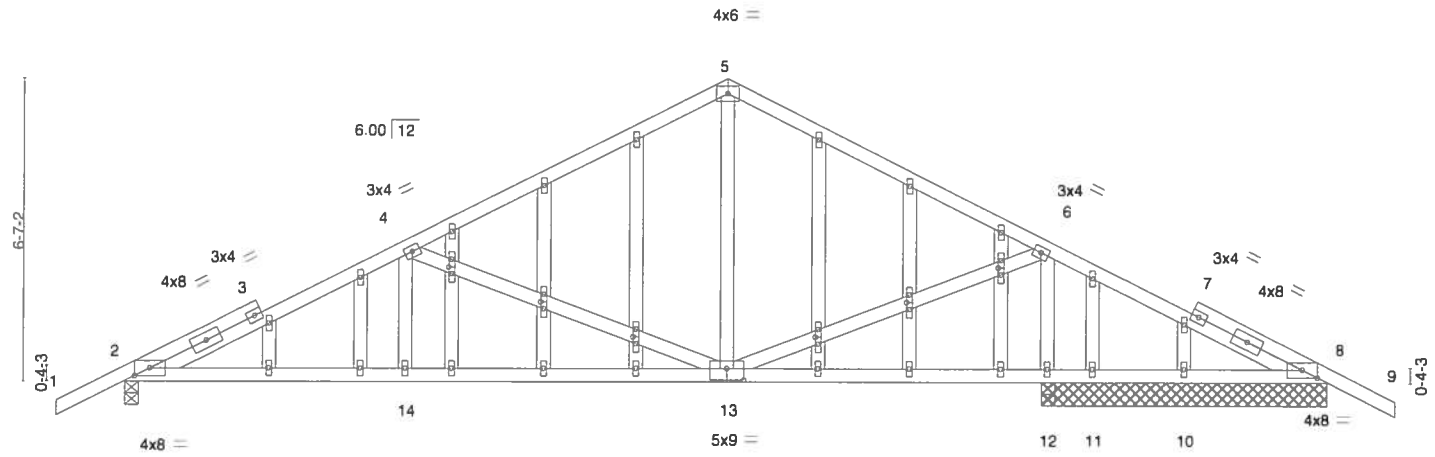
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	B3GE	Common Structural Gable	1	1	T18038873
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:12 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-b6CF4y?Ch0GHdqC5eFkQRIw3BkQaFbsi1mi5H7ygjHX

-1-6-0	6-1-9	13-1-12	20-1-15	26-3-8	27-9-8
1-6-0	6-1-9	7-0-3	7-0-3	6-1-9	1-6-0

Scale = 1:50.5



6-1-9	13-1-12	20-0-8	20-1-15	26-3-8
6-1-9	7-0-3	6-10-12	0-1-7	6-1-9

Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [4:0-0-0,0-0-0], [8:0-4-0,0-2-1], [13:0-4-8,0-3-0], [15:0-1-12,0-0-12], [18:0-1-12,0-0-12], [21:0-1-12,0-0-12], [29:0-1-12,0-0-12], [29:0-0-0,0-0-0], [32:0-1-12,0-0-12], [32:0-0-0,0-0-0], [35:0-1-12,0-0-12], [35:0-0-0,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.06	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.13	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.02	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 177 lb	FT = 0%

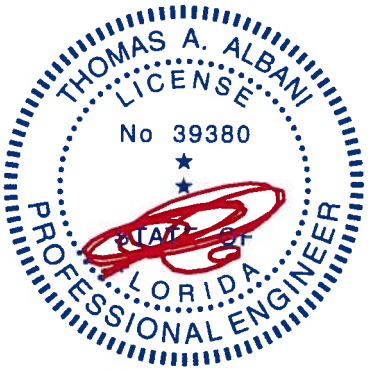
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. All bearings 6-3-0 except (jt=length) 2=0-3-8, 12=0-3-8, 12=0-3-8.
(lb) - Max Horz 2=118(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 11=-154(LC 3)
Max Grav All reactions 250 lb or less at joint(s) 8, 10, 8 except 2=853(LC 1), 12=1279(LC 1), 12=1279(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1332/329, 4-5=-671/226, 5-6=-670/226, 6-8=-57/363
BOT CHORD 2-14=-187/1194, 13-14=-187/1194
WEBS 5-13=0/260, 6-13=-91/818, 6-12=-1089/352, 4-13=-743/260, 4-14=0/259

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 1.5x4 MT20 unless otherwise indicated.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8, 8 except (jt=lb) 11=154.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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September 5,2019

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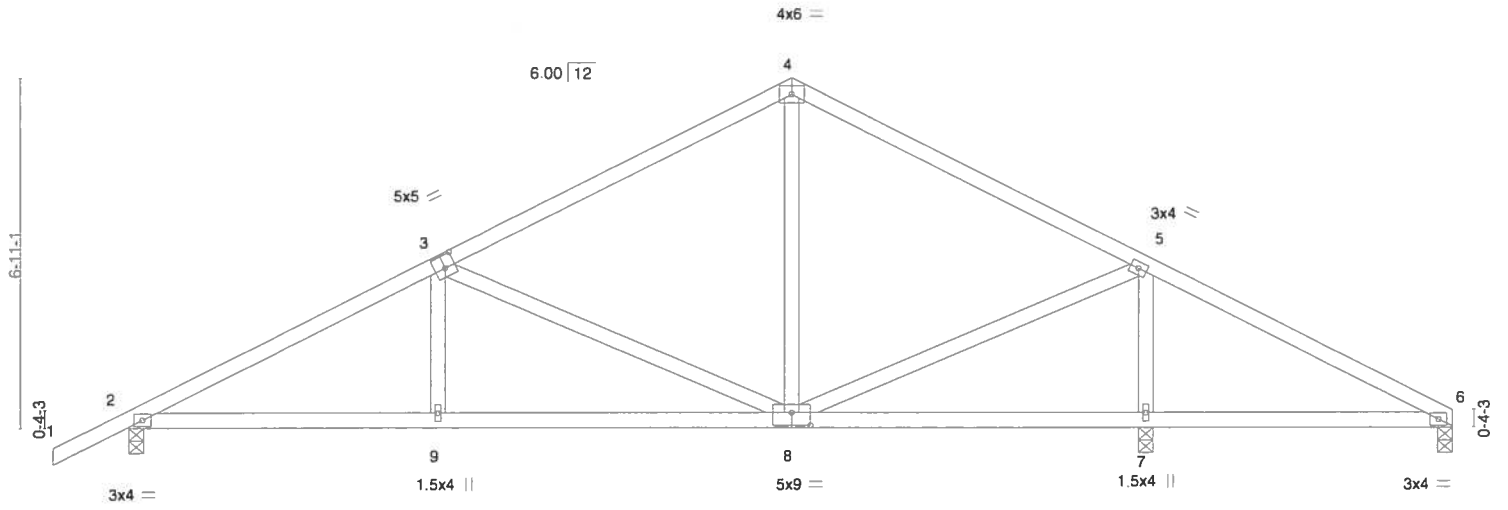
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038874
1610_MODEL	B4	Common	3	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:13 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-3ImdHI0qSKO8E_nHCyFf_VTFn8mG_3xsGQSepZygjHW

-1-6-0	6-1-9	13-1-12	20-2-4	26-3-8
1-6-0	6-1-9	7-0-3	7-0-8	6-1-4

Scale = 1:45.9



6-1-9	13-1-12	20-2-4	26-3-8
6-1-9	7-0-3	7-0-8	6-1-4

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [8:0-4-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	0.08	7-12	>960	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.48	Vert(CT)	-0.11	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 125 lb	FT = 0%

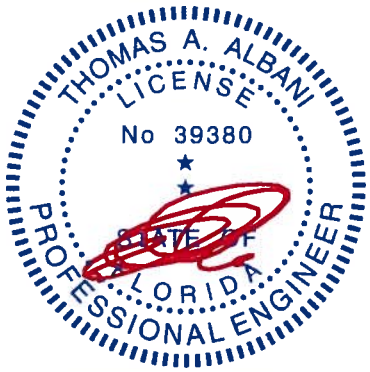
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 6=111/0-3-8, 2=861/0-3-8, 7=1221/0-3-8
Max Horz 2=120(LC 11)
Max Uplift 6=-54(LC 12), 2=-39(LC 12), 7=-49(LC 12)
Max Grav 6=156(LC 22), 2=861(LC 1), 7=1221(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1305/317, 3-4=-671/226, 4-5=-675/227, 5-6=-10/251
BOT CHORD 2-9=-205/1113, 8-9=-207/1109
WEBS 3-9=0/274, 3-8=-667/252, 4-8=0/259, 5-8=-29/709, 5-7=-1056/345

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2, 7.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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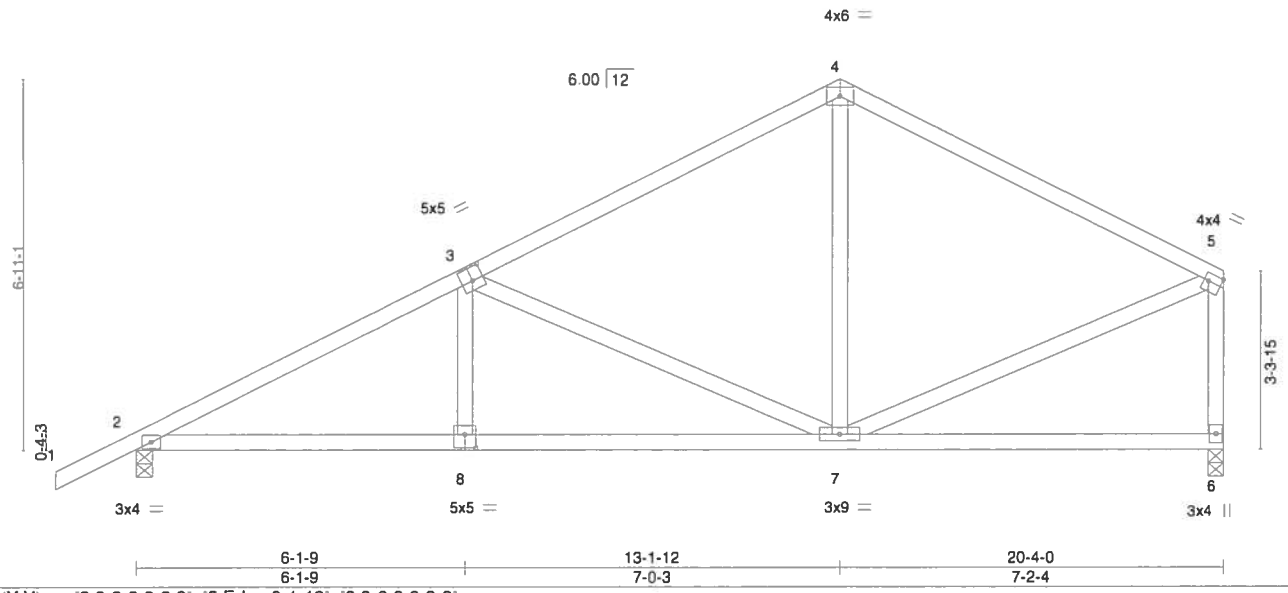
September 5,2019

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038875
1610_MODEL	B5	Common	3	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:14 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-YUK?Vd0TDdW?s8MUmgmuWj?QeX5ejWI?V4BBM0ygjHV

-1-6-0 | 6-1-9 | 13-1-12 | 20-4-0
1-6-0 | 6-1-9 | 7-0-3 | 7-2-4

Scale = 1:43.3



6-1-9 | 13-1-12 | 20-4-0
6-1-9 | 7-0-3 | 7-2-4

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:Edge,0-1-12], [8:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	-0.06	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.12	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.03	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 107 lb	FT = 0%

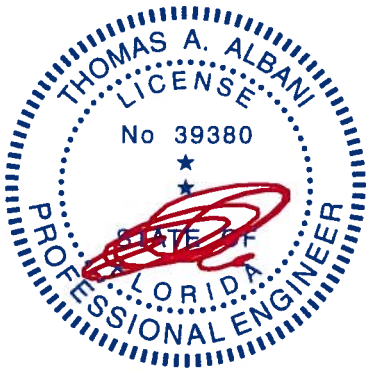
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=901/0-3-8, 6=804/0-3-8
Max Horz 2=161(LC 11)
Max Uplift 2=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1389/318, 3-4=-765/245, 4-5=-760/240, 5-6=-737/235
BOT CHORD 2-8=-381/1188, 7-8=-383/1185
WEBS 3-8=0/268, 3-7=-660/243, 4-7=0/319, 5-7=-116/583

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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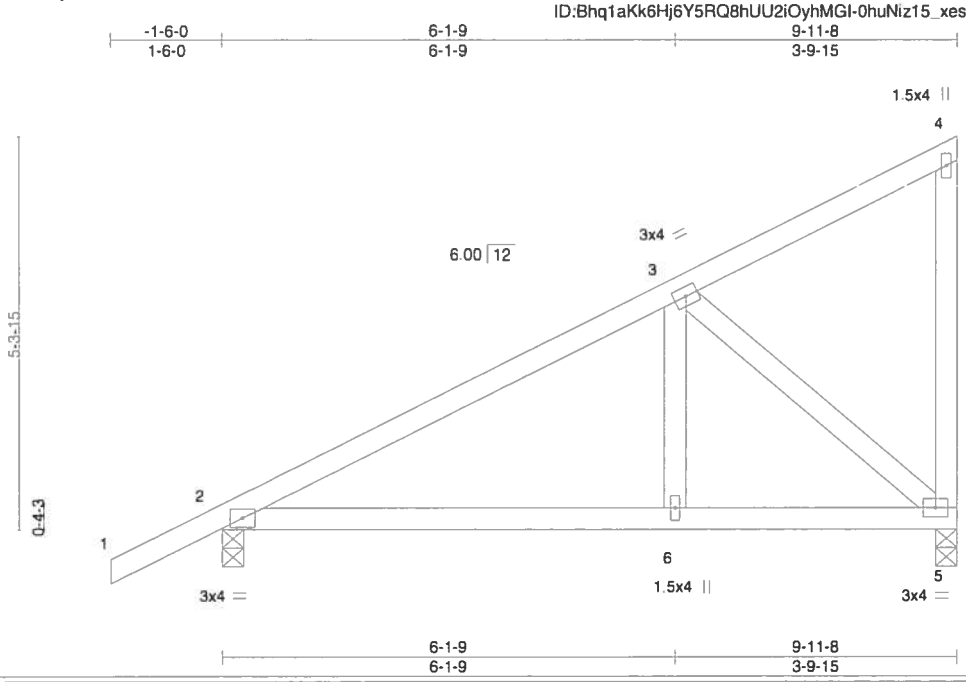
Date:
September 5,2019

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038876
1610_MODEL	B6	Monopitch	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:15 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-0huNiz15_xesUlxgKNH73wYeKxVYS578jkxluSygjHU



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.03	6-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	-0.07	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 52 lb	FT = 0%

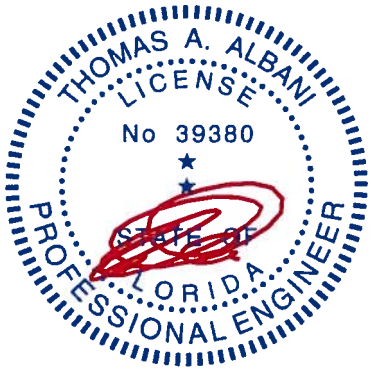
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=489/0-3-8, 5=386/0-3-8
Max Horz 2=159(LC 11)
Max Uplift 2=-35(LC 12), 5=-5(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-453/120
BOT CHORD 2-6=-230/364, 5-6=-230/364
WEBS 3-5=-470/226

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 5.
5) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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September 5,2019

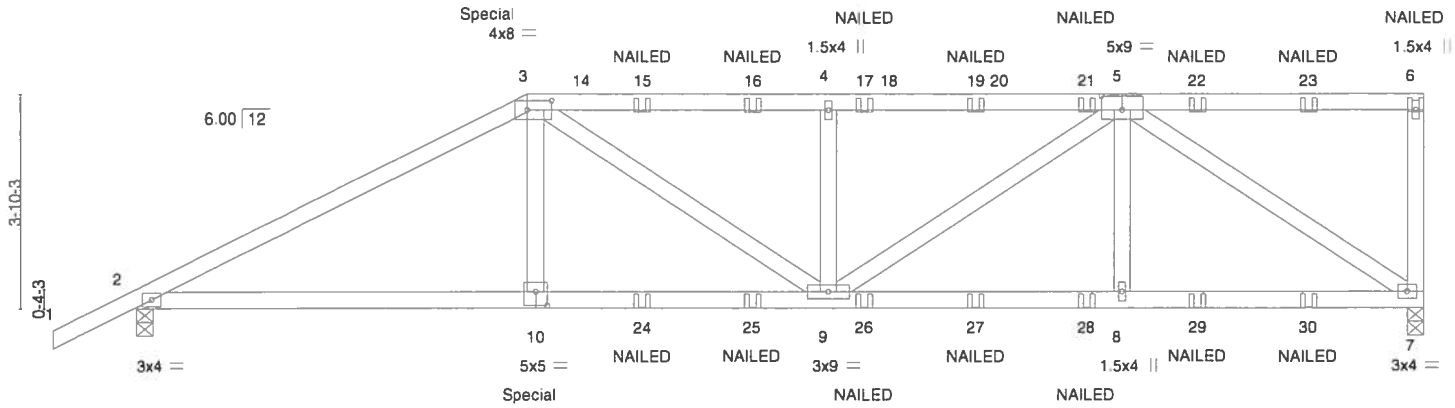
Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	C1GIR	Half Hip Girder	1	2	T18038877

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:17 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-y3087f3LWYuajb53RoJb8LdxNl85wxeRB1QsyKygjHS

-1-6-0	7-0-0	12-5-1	17-8-7	23-1-8
1-6-0	7-0-0	5-5-1	5-3-5	5-5-1

Scale = 1:41.7



7-0-0	12-5-1	17-8-7	23-1-8
7-0-0	5-5-1	5-3-5	5-5-1

Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [5:0-4-8,0-3-0], [10:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.46	Vert(LL)	-0.07	9-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.14	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.44	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 237 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

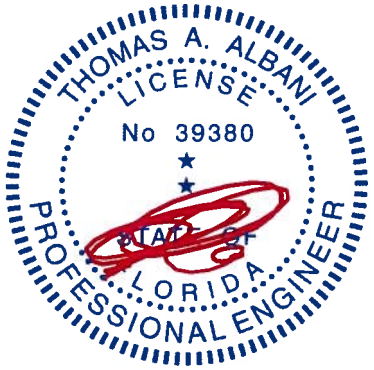
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 7=2103/0-3-8, 2=1839/0-3-8
Max Horz 2=117(LC 7)
Max Uplift 7=-46(LC 5), 2=-2(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3378/0, 3-4=-3408/5, 4-5=-3408/5, 6-7=-390/90
BOT CHORD 2-10=0/2942, 9-10=0/2965, 8-9=-25/2445, 7-8=-25/2445
WEBS 3-10=0/672, 3-9=-81/617, 4-9=-695/155, 5-9=0/1160, 5-8=0/464, 5-7=-2893/3

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 2.
9) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 228 lb down and 137 lb up at 7-0-0 on top chord, and 361 lb down at 7-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-60, 3-6=-60, 7-11=-20



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Continued on page 2

LOAD CASE(S) Standard

Concentrated Loads (lb)

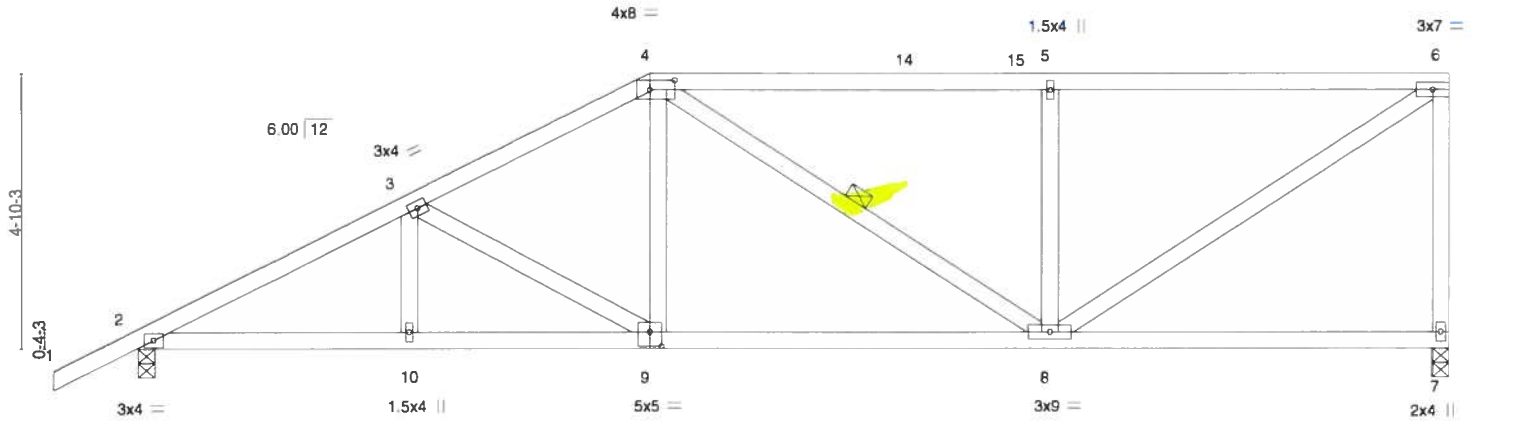
Vert: 3=-181(B) 6=-158(B) 10=-361(B) 15=-125(B) 16=-125(B) 17=-125(B) 19=-125(B) 21=-125(B) 22=-125(B) 23=-125(B) 24=-62(B) 25=-62(B) 26=-62(B) 27=-62(B) 28=-62(B) 29=-62(B) 30=-62(B)

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038878
1610_MODEL	C2	Half Hip	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:18 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-QGZWL?3zHs0RLIfF?VqqhZA6f9TbfPJbPh9PVnygjHR

-1-6-0 | 4-9-4 | 9-0-0 | 16-0-12 | 23-1-8
1-6-0 | 4-9-4 | 4-2-12 | 7-0-12 | 7-0-12

Scale = 1:40.8



4-9-4 | 9-0-0 | 16-0-12 | 23-1-8
4-9-4 | 4-2-12 | 7-0-12 | 7-0-12

Plate Offsets (X,Y)-- [4:0-5-4,0-2-0], [9:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.49	Vert(LL)	-0.06	8-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.15	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 126 lb	FT = 0%

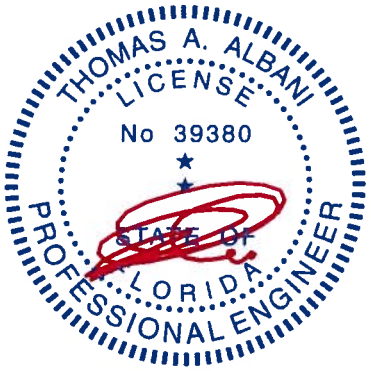
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-8

REACTIONS. (lb/size) 7=916/0-3-8, 2=1012/0-3-8
Max Horz 2=147(LC 11)
Max Uplift 7=-11(LC 9), 2=-36(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1670/342, 3-4=-1324/313, 4-5=-1055/291, 5-6=-1055/291, 6-7=-851/242
BOT CHORD 2-10=-487/1446, 9-10=-487/1446, 8-9=-359/1136
WEBS 3-9=-358/147, 4-9=-6/368, 5-8=-477/222, 6-8=-298/1222

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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September 5,2019

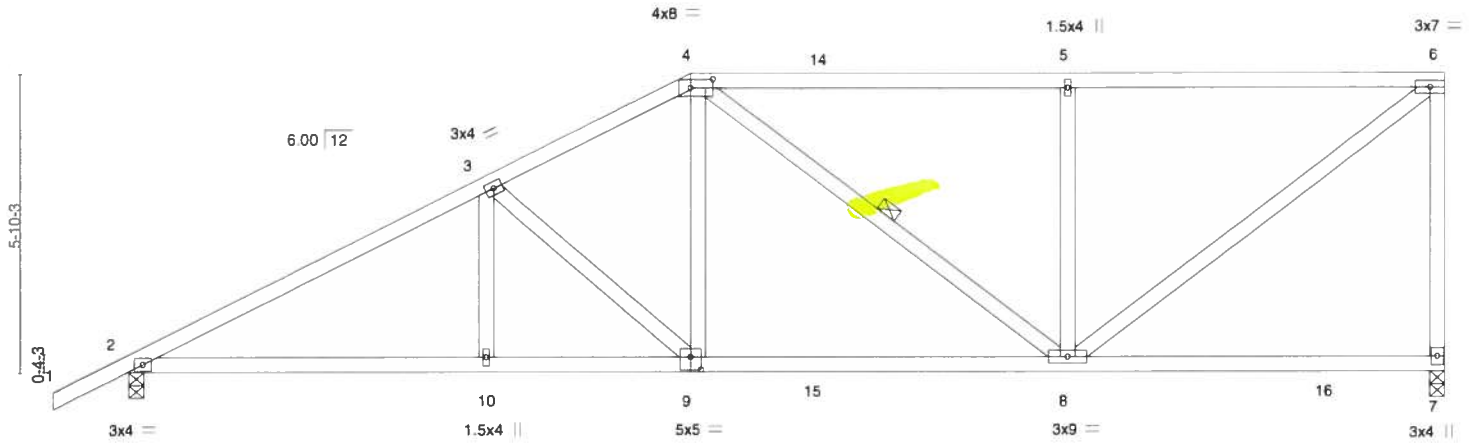
MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	C3	Half Hip	1	1	T18038879
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:19 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-uS7uYL4b2A8IyvERZDM3DmjGVYnsOqpkeLvy1DygjHQ

-1-6-0 | 7-0-0 | 11-0-0 | 18-5-0 | 25-10-0
1-6-0 | 7-0-0 | 4-0-0 | 7-5-0 | 7-5-0

Scale = 1:45.4



7-0-0 | 11-0-0 | 18-5-0 | 25-10-0
7-0-0 | 4-0-0 | 7-5-0 | 7-5-0

Plate Offsets (X,Y)-- [4:0-5-4,0-2-0], [9:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	-0.08	8-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.18	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 143 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-8

REACTIONS. (lb/size) 7=1025/0-3-8, 2=1120/0-3-8
Max Horz 2=177(LC 11)
Max Uplift 7=-8(LC 9), 2=-35(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1797/379, 3-4=-1389/357, 4-5=-1040/307, 5-6=-1040/307, 6-7=-958/274
BOT CHORD 2-10=-531/1537, 9-10=-531/1537, 8-9=-391/1198
WEBS 3-9=-469/187, 4-9=-54/471, 5-8=-505/239, 6-8=-321/1273

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Date:

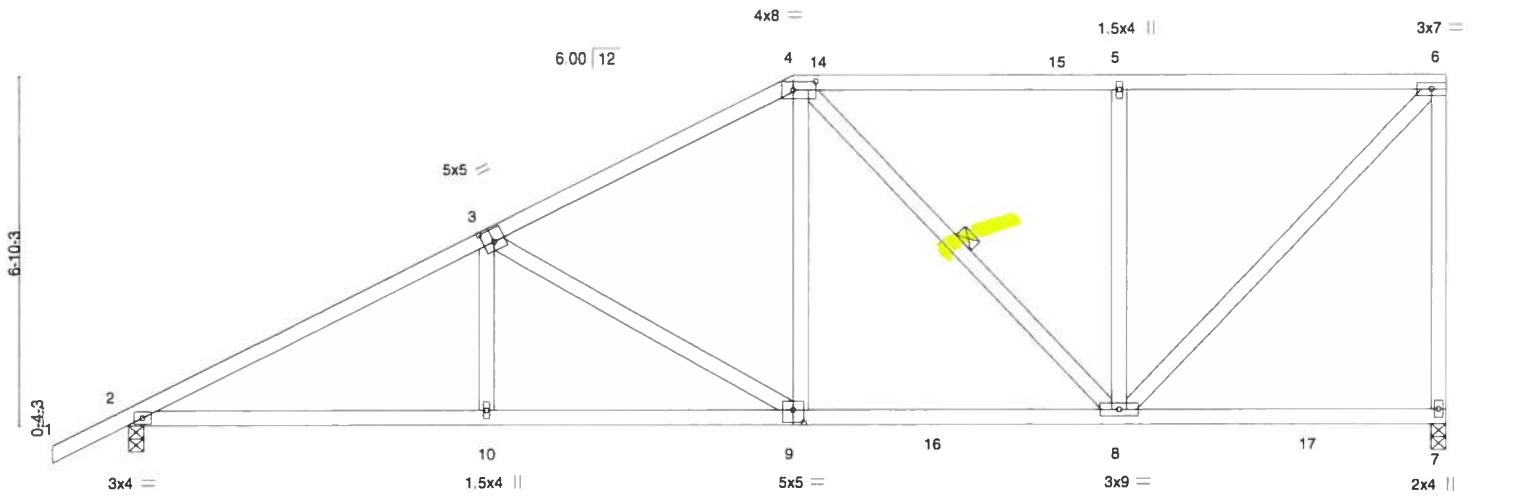
September 5,2019

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038880
1610_MODEL	C4	Half Hip	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:20 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-MehGIh5DpTG8a3pe6wtIm_FOZy8o7G4tt?eWZfygjHP

-1-6-0 | 7-0-0 | 13-0-0 | 19-5-0 | 25-10-0
1-6-0 | 7-0-0 | 6-0-0 | 6-5-0 | 6-5-0

Scale = 1:45.4



7-0-0 | 13-0-0 | 19-5-0 | 25-10-0
7-0-0 | 6-0-0 | 6-5-0 | 6-5-0

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [4:0-5-4,0-2-0], [9:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.07	10-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.16	10-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 150 lb	FT = 0%

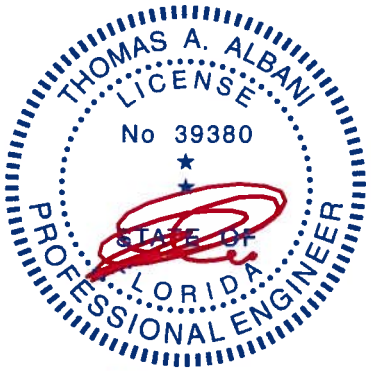
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-8

REACTIONS. (lb/size) 7=1025/0-3-8, 2=1120/0-3-8
Max Horz 2=207(LC 11)
Max Uplift 7=-10(LC 9), 2=-34(LC 12)
Max Grav 7=1051(LC 17), 2=1120(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1809/384, 3-4=-1239/328, 4-5=-789/274, 5-6=-789/274, 6-7=-967/284
BOT CHORD 2-10=-573/1566, 9-10=-575/1563, 8-9=-375/1060
WEBS 3-10=0/273, 3-9=-607/234, 4-9=-49/488, 4-8=-375/149, 5-8=-438/204, 6-8=-302/1116

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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September 5,2019

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Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	C5	Hip	1	1	T18038881

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:21 2019 Page 1
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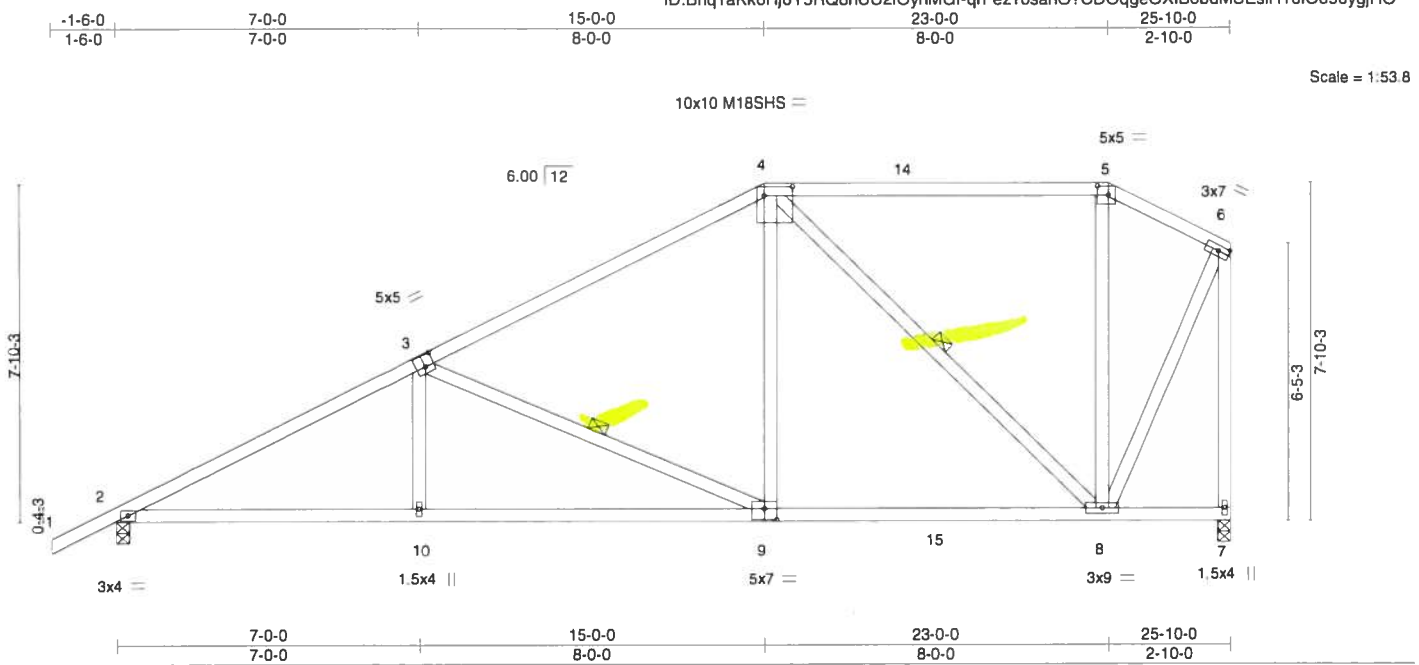

Plate Offsets (X,Y)-- [3:0-2-8,0-3-4], [4:0-8-0,0-2-8], [5:0-3-0,0-2-8], [9:0-3-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.11	8-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.21	8-9	>999	180	M18SHS	244/190
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 156 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 3-9, 4-8

REACTIONS. (lb/size) 2=1120/0-3-8, 7=1025/0-3-8
Max Horz 2=219(LC 11)
Max Uplift 2=-35(LC 12), 7=-1(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1830/399, 3-4=-1109/306, 4-5=-398/212, 5-6=-453/213, 6-7=-1021/251
BOT CHORD 2-10=-578/1601, 9-10=-580/1598, 8-9=-318/946
WEBS 3-10=0/310, 3-9=-743/288, 4-9=-19/559, 4-8=-767/229, 6-8=-236/918

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 7.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038882
1610_MODEL	C6	Hip	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:22 2019 Page 1
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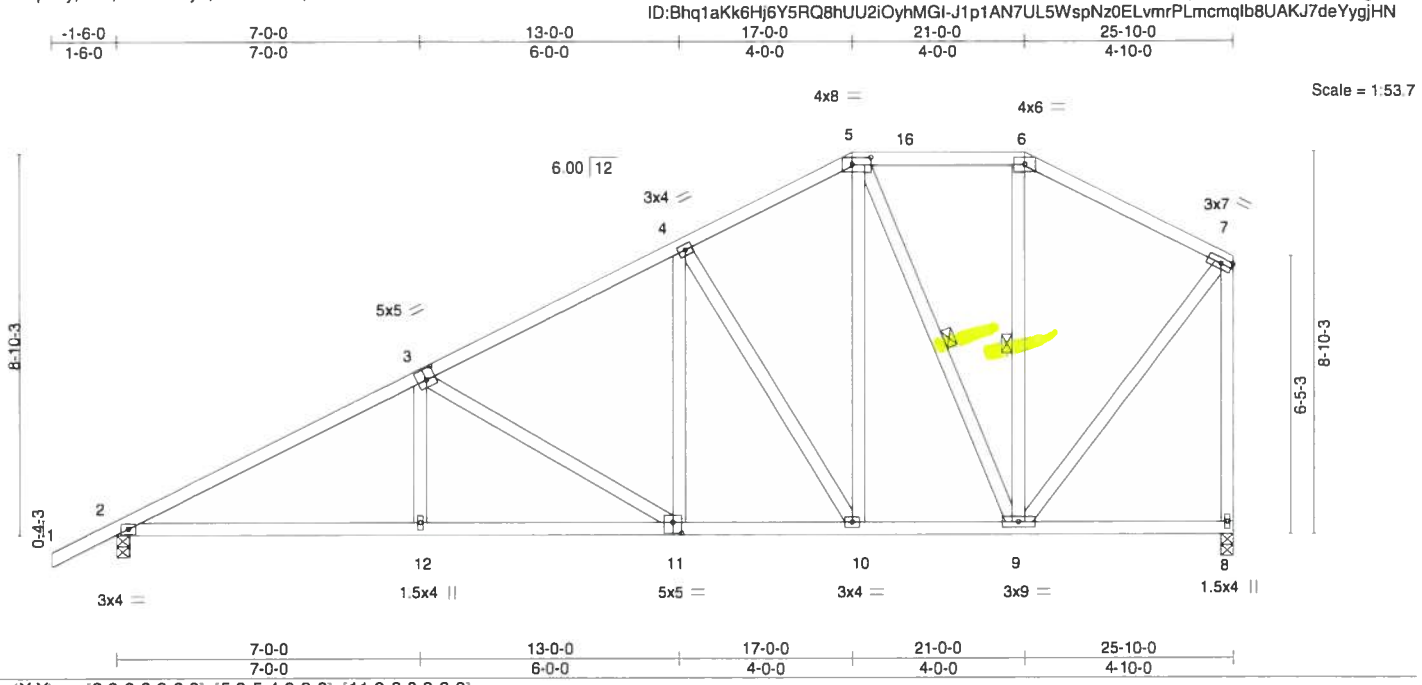


Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:0-5-4,0-2-0], [11:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.07	12-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.16	12-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 177 lb	FT = 0%

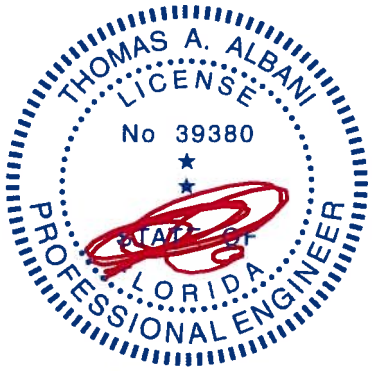
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 5-9, 6-9

REACTIONS. (lb/size) 2=1120/0-3-8, 8=1025/0-3-8
Max Horz 2=236(LC 11)
Max Uplift 2=-35(LC 12), 8=-1(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1810/399, 3-4=-1245/350, 4-5=-830/324, 5-6=-482/270, 6-7=-600/262, 7-8=-978/290
BOT CHORD 2-12=-573/1552, 11-12=-575/1548, 10-11=-381/1026, 9-10=-258/697
WEBS 3-12=0/278, 3-11=-605/226, 4-11=-52/440, 4-10=-634/236, 5-10=-164/607, 5-9=-552/169, 7-9=-211/766

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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September 5,2019

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Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038883
1610_MODEL	C7	Common	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:24 2019 Page 1
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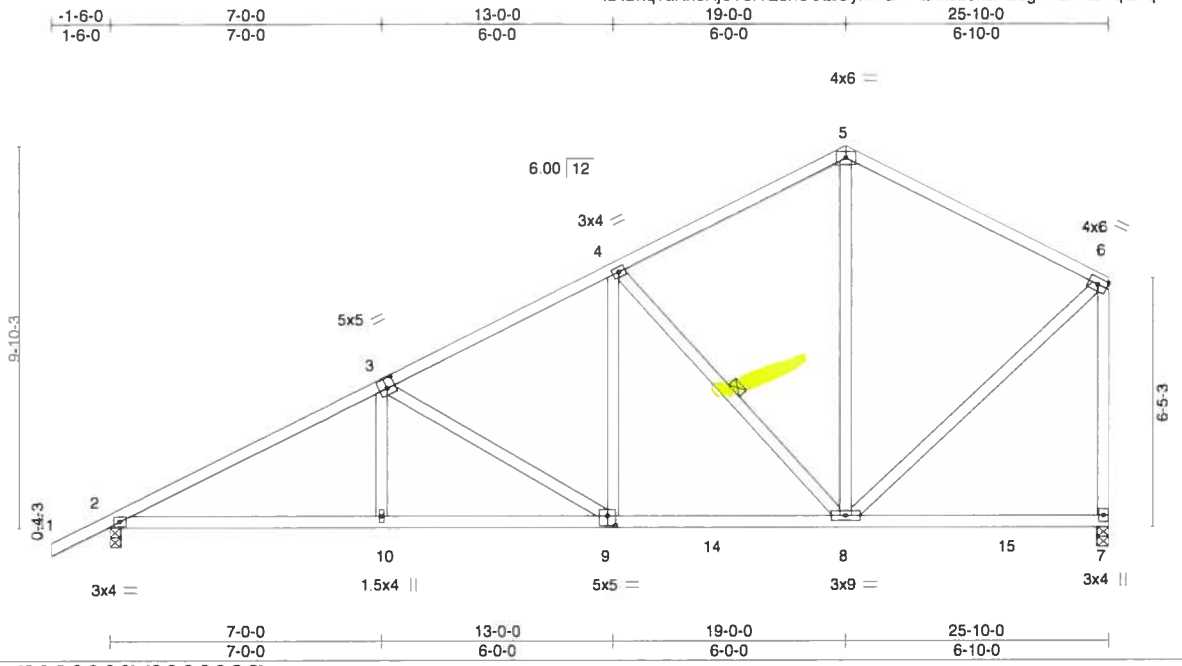

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [9:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	-0.07	10-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.16	10-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 157 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-8

REACTIONS. (lb/size) 2=1120/0-3-8, 7=1025/0-3-8
Max Horz 2=252(LC 11)
Max Uplift 2=-35(LC 12), 7=-1(LC 12)
Max Grav 2=1120(LC 1), 7=1042(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1807/405, 3-4=-1250/358, 4-5=-703/300, 5-6=-708/294, 6-7=-962/311
BOT CHORD 2-10=-578/1590, 9-10=-580/1587, 8-9=-392/1094
WEBS 3-10=0/274, 3-9=-590/220, 4-9=-48/471, 4-8=-749/265, 5-8=-56/291, 6-8=-201/751

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 7.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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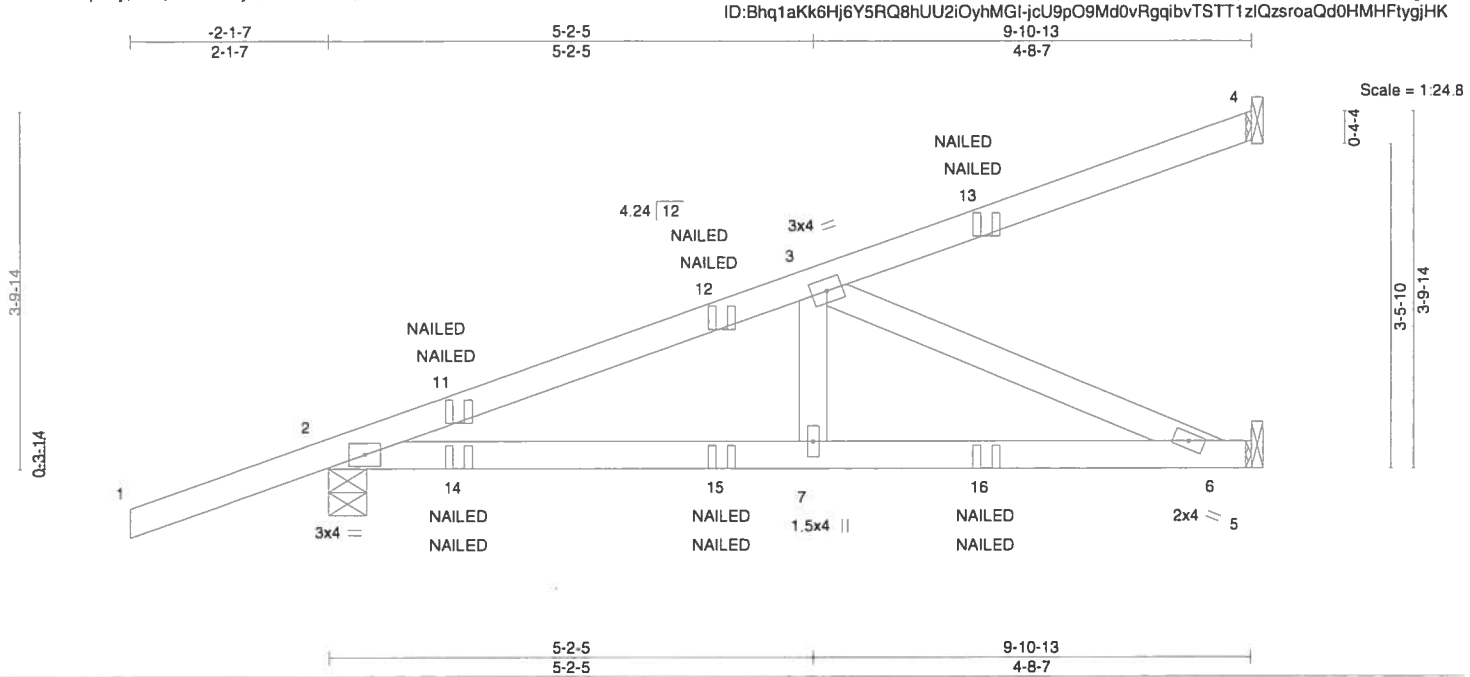
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERANCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
6904 Parke East Blvd.
Tampa, FL 33610

Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	CJ1	Diagonal Hip Girder	2	1	T18038884
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:25 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-jcU9pO9Md0vRgqibvTSTT1zlQzsroaQd0HMHFtygjHK



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.45	Vert(LL)	-0.03	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.08	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.26	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 43 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=141/Mechanical, 2=477/0-4-15, 5=326/Mechanical
Max Horz 2=111(LC 8)
Max Uplift 4=-34(LC 8), 2=-97(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-743/0
BOT CHORD 2-7=-35/673, 6-7=-35/673
WEBS 3-7=0/268, 3-6=-731/38

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.
6) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 5-8=-20
Concentrated Loads (lb)
Vert: 11=57(F=29, B=29) 13=-82(F=-41, B=-41) 14=61(F=31, B=31) 15=-7(F=-3, B=-3) 16=-59(F=-30, B=-30)

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September 5,2019

Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038885
1610_MODEL	D1GE	Common Supported Gable	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:26 2019 Page 1
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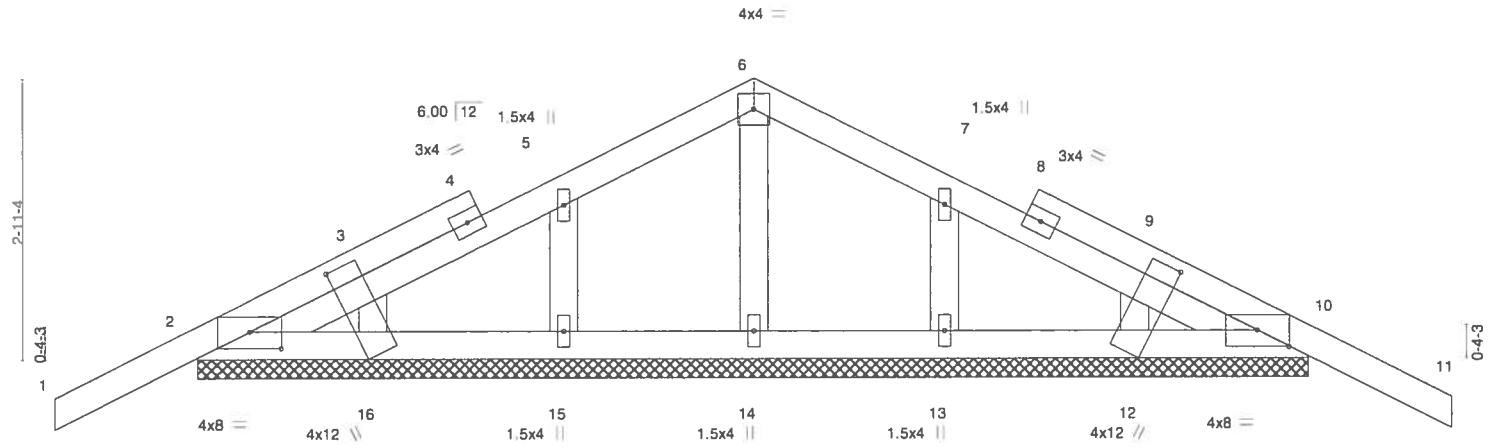
1-6-0 | 5-10-0 | 5-10-0 | 1-6-0

Scale = 1:24.3



11-8-0
11-8-0

Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [3:0-0-0,0-1-15], [9:0-0-0,0-1-15], [10:0-4-0,0-2-1], [12:0-2-2,0-11-14], [16:0-2-2,0-11-14]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 59 lb	FT = 0%

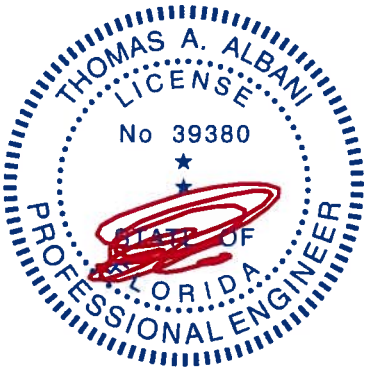
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 11-8-0.
(lb) - Max Horz 2=55(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 15, 13
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 14, 15, 16, 13, 12

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 15, 13.



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September 5,2019

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Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038886
1610_MODEL	D2	Common	3	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066,

8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:27 2019 Page 1
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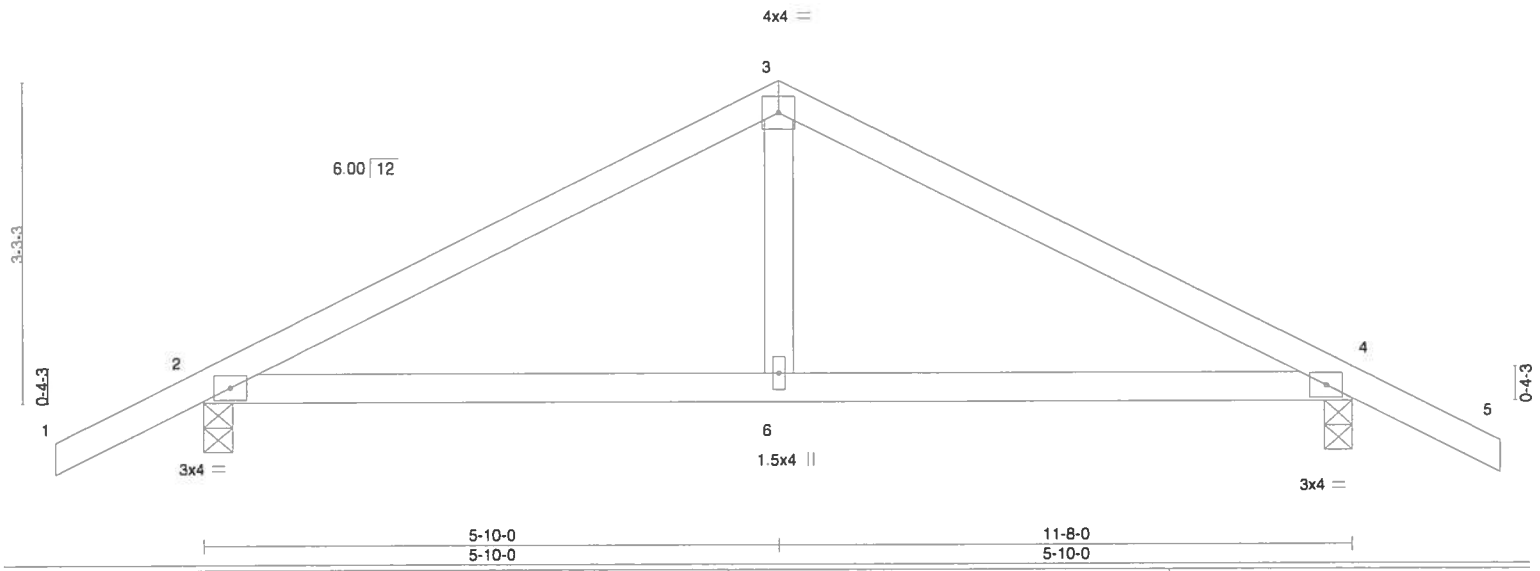
1-6-0 | 5-10-0 | 5-10-0 | 1-6-0

Scale = 1:23.5



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.03	6-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.06	6-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 46 lb	FT = 0%

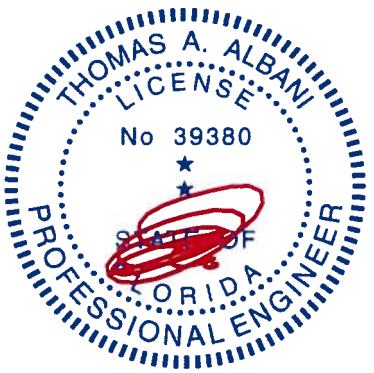
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=557/0-3-8, 4=557/0-3-8
Max Horz 2=61(LC 11)
Max Uplift 2=-37(LC 12), 4=-37(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-642/186, 3-4=-642/186
BOT CHORD 2-6=-46/517, 4-6=-46/517
WEBS 3-6=0/262

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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September 5,2019

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Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	D3GIR	Common Girder	1	2	T18038887

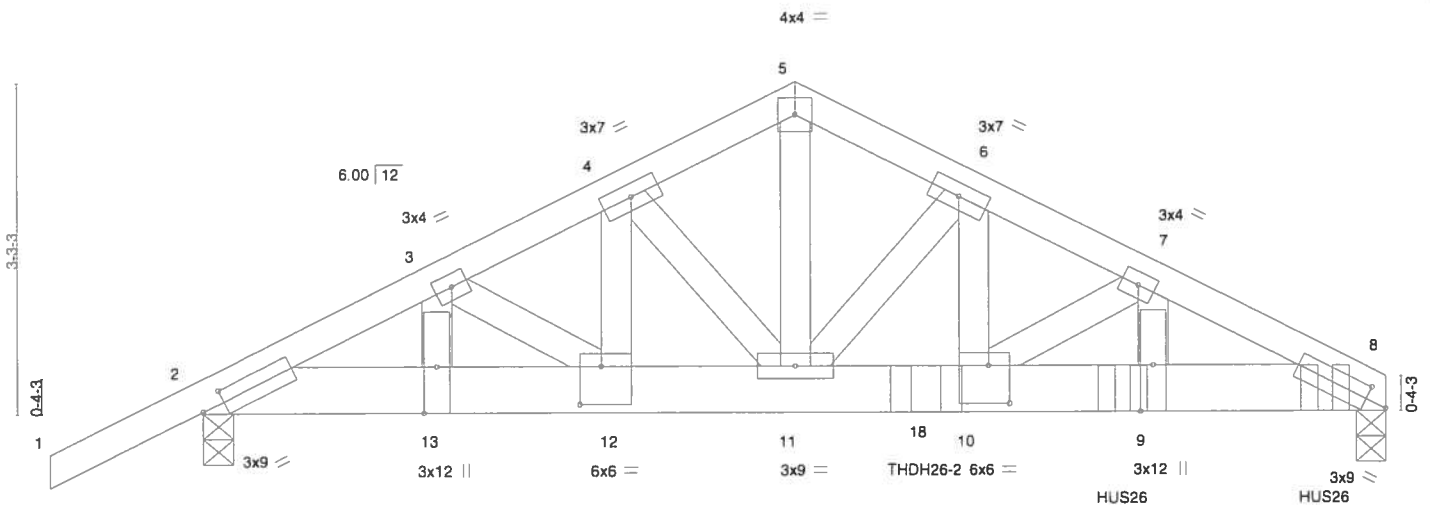
Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:28 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-7BAIRQBFwxH0XIQAac0A5gapPBtZ?vl3jFaxrCygjHH

-1-6-0	2-3-11	4-0-13	5-10-0	7-7-3	9-4-5	11-8-0
1-6-0	2-3-11	1-9-3	1-9-3	1-9-3	1-9-3	2-3-11

Scale = 1:22.8



2-3-11	4-0-13	5-10-0	7-7-3	9-4-5	11-8-0
2-3-11	1-9-3	1-9-3	1-9-3	1-9-3	2-3-11

Plate Offsets (X,Y)-- [2:0-2-10,0-1-8], [8:0-2-10,0-1-8], [10:0-2-8,0-4-8], [12:0-2-8,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.47	Vert(LL)	-0.06	10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.12	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.44	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 144 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP SS
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=5171/0-3-8, 2=2321/0-3-8
Max Horz 2=58(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4474/0, 3-4=-4584/0, 4-5=-4670/0, 5-6=-4666/0, 6-7=-7242/0, 7-8=-8762/0
BOT CHORD 2-13=0/3982, 12-13=0/3982, 11-12=0/4083, 10-11=0/6471, 9-10=0/7845, 8-9=0/7845
WEBS 5-11=0/3938, 6-11=-3456/0, 6-10=0/3669, 7-10=-1629/0, 7-9=0/1426

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-3-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 7-9 2x4 - 1 row at 0-6-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Use USP THDH26-2 (With 20-16d nails into Girder & 8-16d nails into Truss) or equivalent at 7-1-8 from the left end to connect truss(es) to back face of bottom chord.
8) Use USP HUS26 (With 14-16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 9-0-12 from the left end to 11-0-12 to connect truss(es) to back face of bottom chord.
9) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-60, 5-8=-60, 2-8=-20
Concentrated Loads (lb)
Vert: 9=-1498(B) 15=-1502(B) 18=-3469(B)

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WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERANCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038888
1610_MODEL	J1	Jack-Open	21	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:29 2019 Page 1
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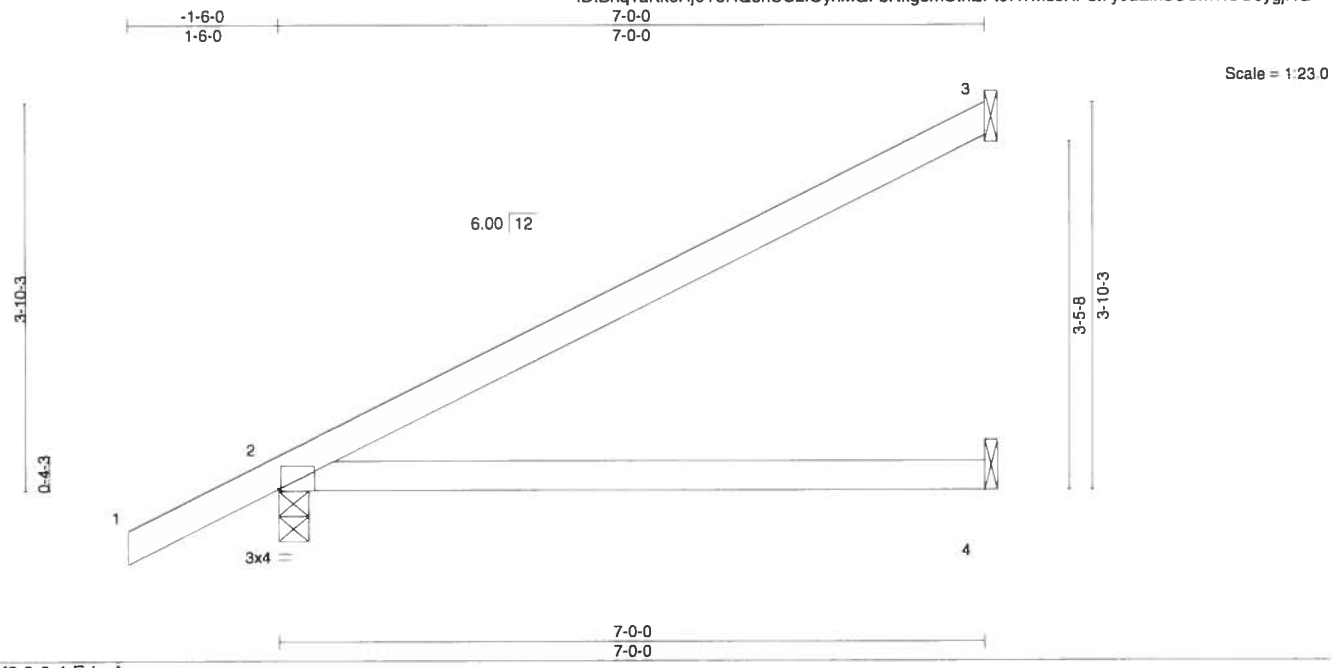

Plate Offsets (X,Y)-- [2:0-0-4,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	0.10	4-7	>852	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.21	4-7	>398	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 25 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 3=185/Mechanical, 2=377/0-3-8, 4=82/Mechanical
Max Horz 2=111(LC 12)
Max Uplift 3=-44(LC 12), 2=-21(LC 12)
Max Grav 3=185(LC 1), 2=377(LC 1), 4=124(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038889
1610_MODEL	J1A	Roof Special	3	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:30 2019 Page 1
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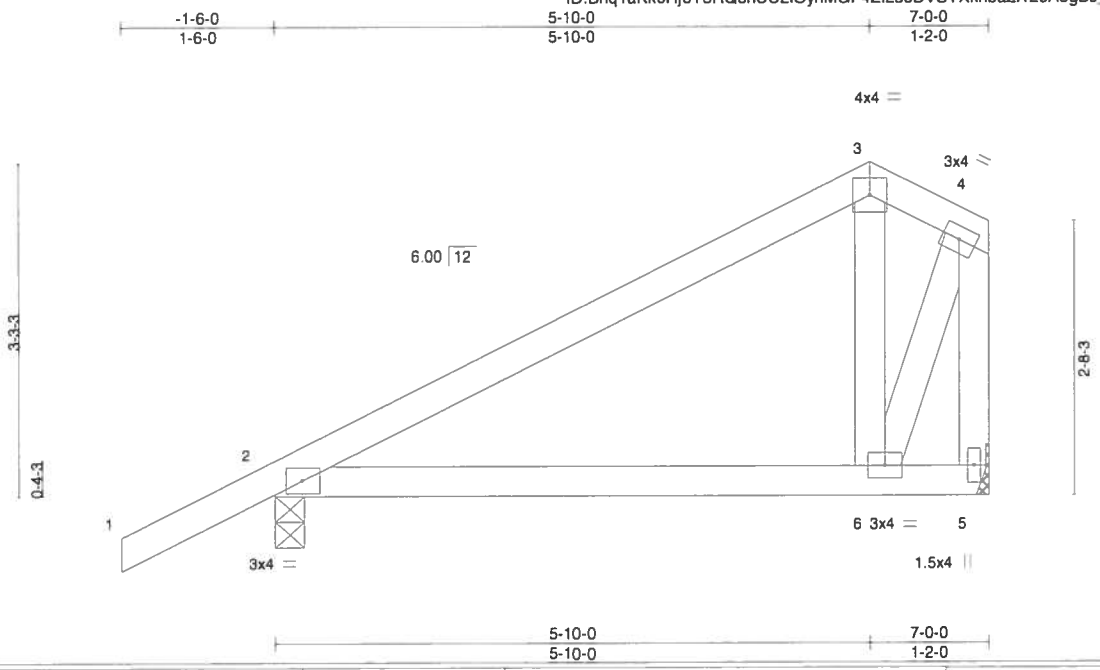


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.38	Vert(LL)	0.04	6-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.30	Vert(CT)	-0.07	6-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 36 lb	FT = 0%

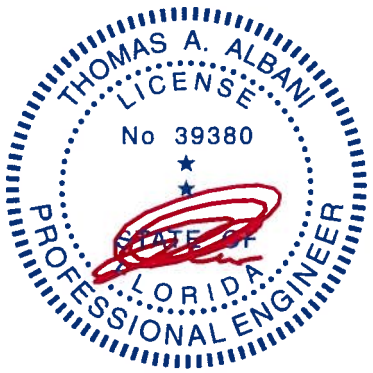
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 2=374/0-3-8, 5=264/Mechanical
Max Horz 2=92(LC 11)
Max Uplift 2=-40(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-360/159
WEBS 4-6=-130/295

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	1610 Model	
1610_MODEL	J1B	Jack-Open	1	1	Job Reference (optional)	T18038890

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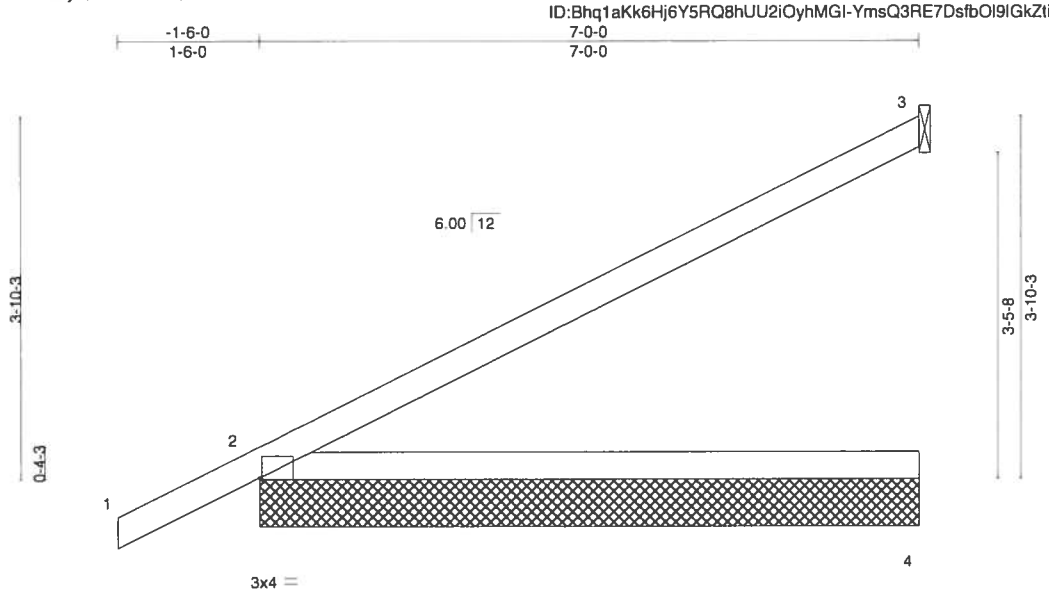

Plate Offsets (X,Y)-- [2:0-0-4,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	0.10	4-7	>842	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.51	Vert(CT)	-0.22	4-7	>386	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 25 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. All bearings 7-0-0 except (jt=length) 3=Mechanical, 3=Mechanical.
(lb) - Max Horz 2=111(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 3, 2
Max Grav All reactions 250 lb or less at joint(s) 3, 3, 4 except 2=378(LC 1), 2=378(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038891
1610_MODEL	J2	Jack-Open	4	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:32 2019 Page 1
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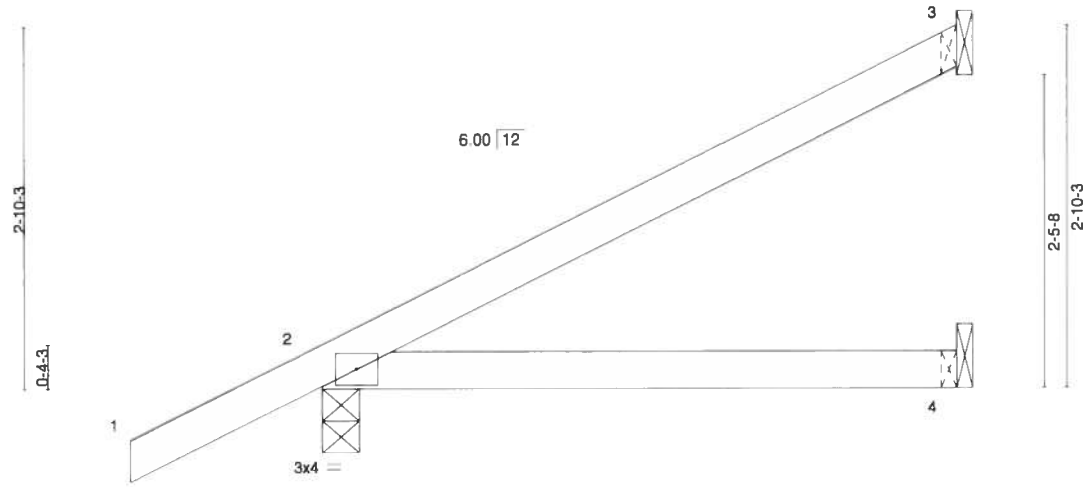

5-0-0 / 5-0-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	0.03	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.05	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 18 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (lb/size) 3=126/Mechanical, 2=301/0-3-8, 4=58/Mechanical
Max Horz 2=87(LC 12)
Max Uplift 3=-29(LC 12), 2=-29(LC 12)
Max Grav 3=126(LC 1), 2=301(LC 1), 4=88(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.
6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Job	Truss	Truss Type	Qty	Ply	1610 Model	T18038892
1610_MODEL	J3	Jack-Open	4	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:32 2019 Page 1
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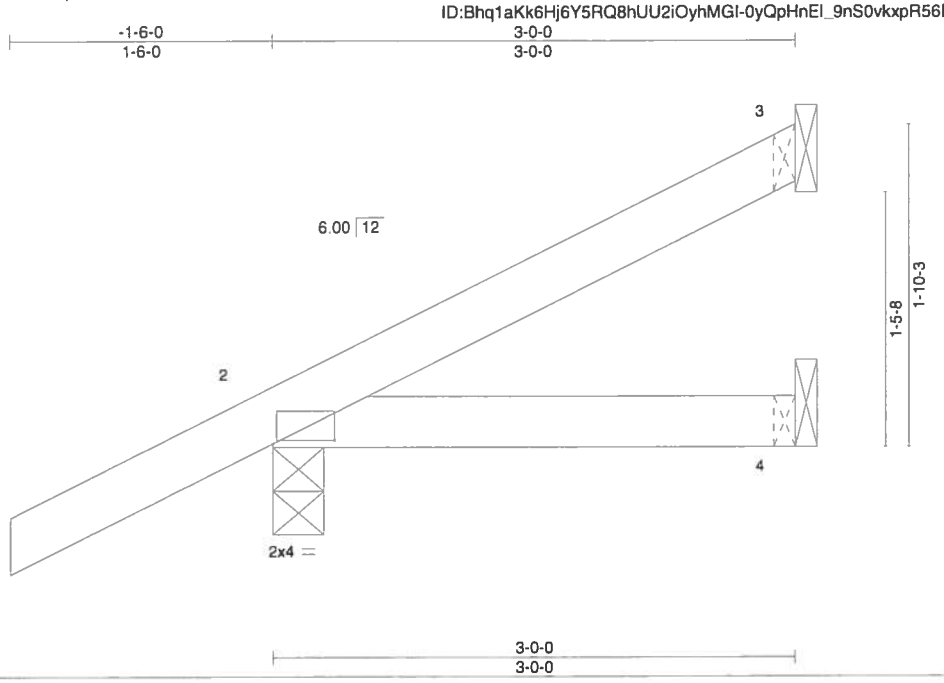


Plate Offsets (X,Y)-- [2:0-4-4,0-0-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.00	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 12 lb	FT = 0%

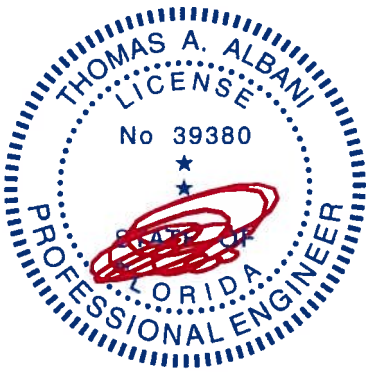
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=65/Mechanical, 2=230/0-3-8, 4=29/Mechanical
Max Horz 2=63(LC 12)
Max Uplift 3=-12(LC 12), 2=-40(LC 12)
Max Grav 3=65(LC 1), 2=230(LC 1), 4=50(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
September 5,2019

Job	Truss	Truss Type	Qty	Ply	1610 Model
1610_MODEL	J4	Jack-Open	4	1	T18038893
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066,

8.240 s Jul 14 2019 MiTek Industries, Inc. Thu Sep 5 09:52:33 2019 Page 1
ID:Bhq1aKk6Hj6Y5RQ8hUU2iOyhMGI-U8zBU7FNITvIe3J7N9cLojIECi3gGUosXliXPygjHC

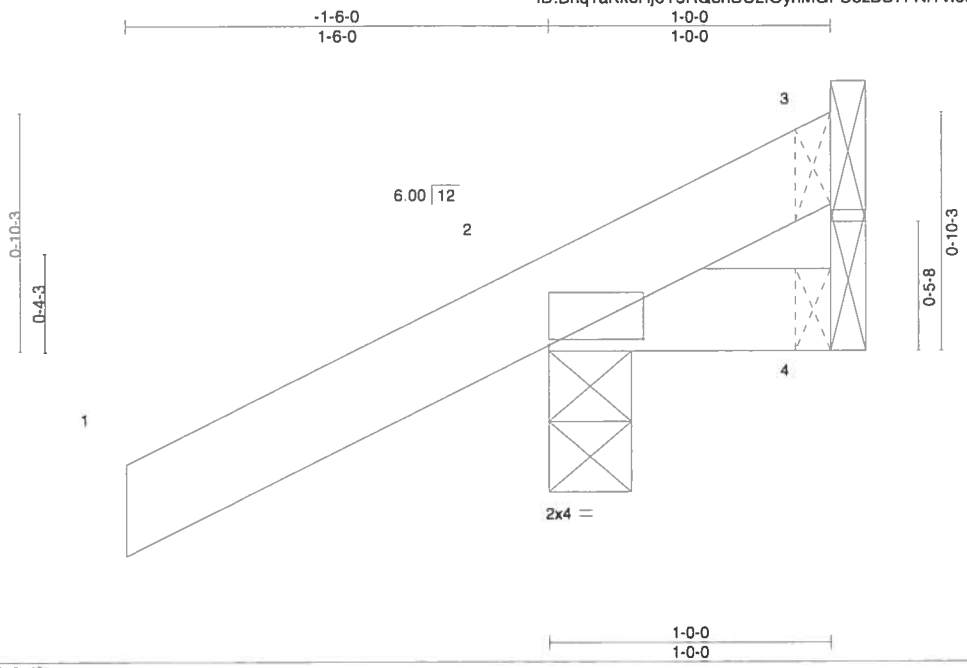


Plate Offsets (X,Y)-- [2:0-4-0,0-0-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 6 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=-7/Mechanical, 2=198/0-3-8, 4=-22/Mechanical
Max Horz 2=39(LC 12)
Max Uplift 3=-7(LC 1), 2=-71(LC 12), 4=-22(LC 1)
Max Grav 3=12(LC 12), 2=198(LC 1), 4=22(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

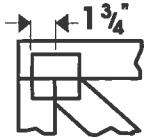
NOTES-
1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2, 4.

Thomas A. Albani PE No.39380
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

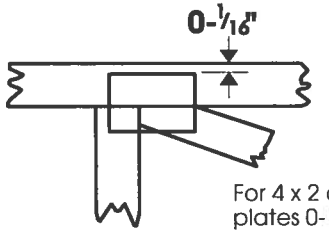
September 5,2019

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0-1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

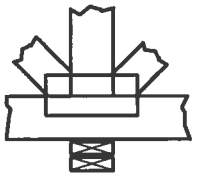
4 x 4

The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION

Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

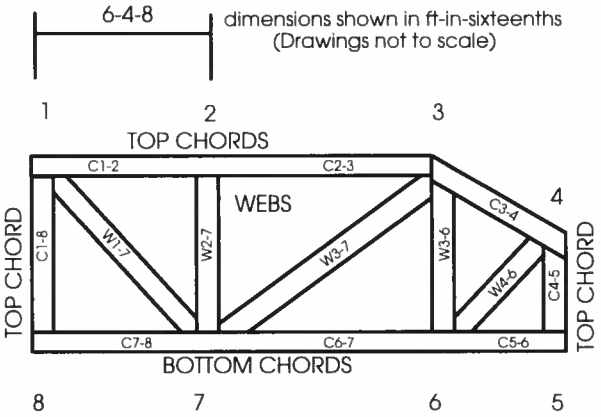


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

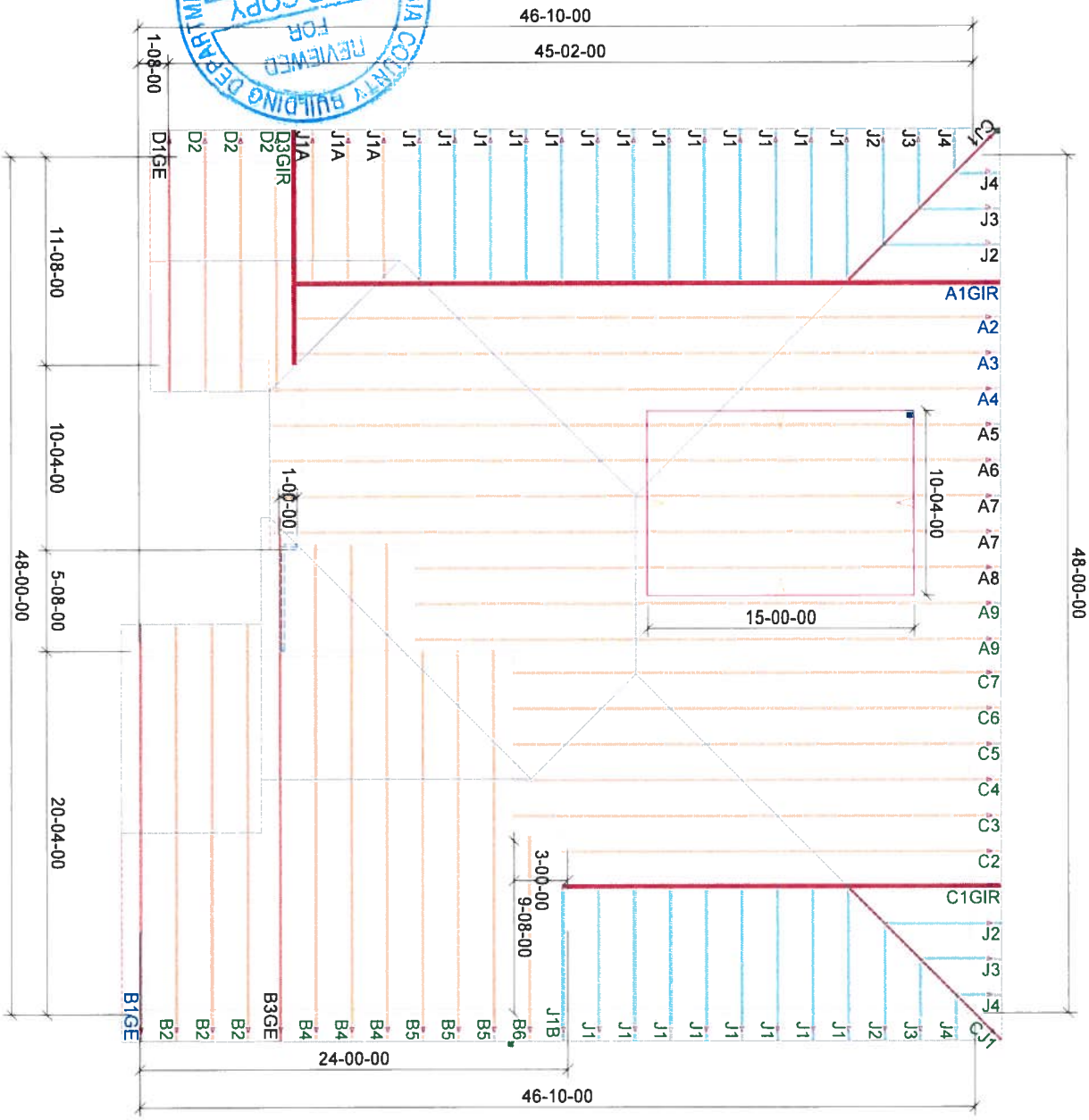
Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T or I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.



1909-18

1610 Model	Roof Loading TC Live: 20.00 psf TC Dead: 10.00 psf BC Live: 0.00 psf BC Dead: 10.00 psf Spacing: 2.00 O.C.	Client: Adam's Construction Date: 9/5/2019 Quote Date: / / Seal Date: / / Designer: Stephanie Ramirez Job Number: 0919-007	Mayo Truss Company Inc. Ph. (386) 294-3988 Fax (386) 294-3981 mayotruss@windstream.net

Residential System Sizing Calculation

Summary

Project Title:
1522 Model - Deanna Terrace

Deanna Terrace
Lake City, FL 32024

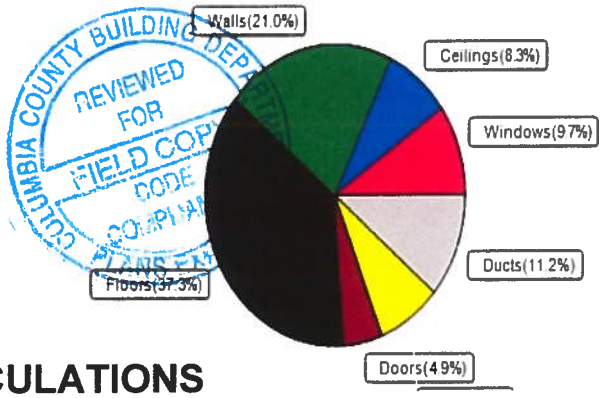
8/30/2019

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)					
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)					
Winter design temperature(TMY3 99%)	30	F	Summer design temperature(TMY3 99%)	94	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	40	F	Summer temperature difference	19	F
Total heating load calculation	**24789**	**Btuh**	**Total cooling load calculation**	**18173**	**Btuh**
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	121.0	30000	Sensible (SHR = 0.85)	164.7	25500
Heat Pump + Auxiliary(0.0kW)	121.0	30000	Latent	167.3	4500
			Total (Electric Heat Pump)	165.1	30000

WINTER CALCULATIONS

Winter Heating Load (for 1610 sqft)

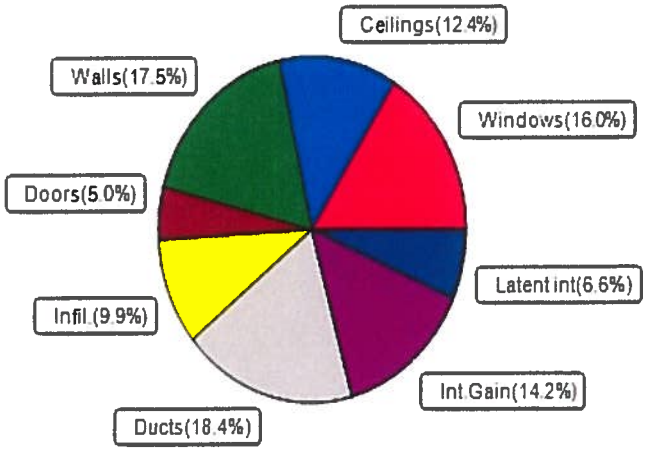
Load component			Load	
Window total	182	sqft	2402	Btuh
Wall total	1501	sqft	5198	Btuh
Door total	68	sqft	1203	Btuh
Ceiling total	1610	sqft	2051	Btuh
Floor total	1610	sqft	9251	Btuh
Infiltration	44	cfm	1908	Btuh
Duct loss			2775	Btuh
Subtotal			**24789**	**Btuh**
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			**24789**	**Btuh**



SUMMER CALCULATIONS

Summer Cooling Load (for 1610 sqft)

Load component			Load	
Window total	182	sqft	2912	Btuh
Wall total	1501	sqft	3180	Btuh
Door total	68	sqft	902	Btuh
Ceiling total	1610	sqft	2256	Btuh
Floor total			0	Btuh
Infiltration	33	cfm	680	Btuh
Internal gain			2580	Btuh
Duct gain			2973	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			**15483**	**Btuh**
Latent gain(ducts)			363	Btuh
Latent gain(infiltration)			1128	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain			**2690**	**Btuh**
TOTAL HEAT GAIN			**18173**	**Btuh**



8th Edition

EnergyGauge® System Sizing
PREPARED BY: _____
DATE: 8-30-19

FORM R405-2017

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name:	1522 Model - Deanna Terrace	Builder Name:	Adam's Construction
Street:	Deanna Terrace	Permit Office:	
City, State, Zip:	Lake City , FL , 32024	Permit Number:	
Owner:		Jurisdiction:	
Design Location:	FL, Gainesville	County:	Columbia (Florida Climate Zone 2)

1. New construction or existing	New (From Plans)
2. Single family or multiple family	Single-family
3. Number of units, if multiple family	1
4. Number of Bedrooms	3
5. Is this a worst case?	No
6. Conditioned floor area above grade (ft²)	1610
Conditioned floor area below grade (ft²)	0

7. Windows(182.0 sqft.)	Description	Area
a. U-Factor:	Dbl, U=0.33	182.00 ft²
SHGC:	SHGC=0.22	
b. U-Factor:	N/A	ft²
SHGC:		
c. U-Factor:	N/A	ft²
SHGC:		
d. U-Factor:	N/A	ft²
SHGC:		
Area Weighted Average Overhang Depth:		2.687 ft.
Area Weighted Average SHGC:		0.220

8. Floor Types (1610.0 sqft.)	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1610.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

9. Wall Types (1750.5 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	1498.50 ft²
b. Frame - Wood, Adjacent	R=13.0	252.00 ft²
c. N/A	R=	ft²
d. N/A	R=	ft²

10. Ceiling Types (1610.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=30.0	1610.00 ft²
b. N/A	R=	ft²
c. N/A	R=	ft²

11. Ducts	R	ft²
a. Sup: Attic, Ret: Attic, AH: Garage	6	304.4

	kBtu/hr	Efficiency
12. Cooling systems		
a. Central Unit	30.0	SEER:14.00
13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	30.0	HSPF:8.50
14. Hot water systems		
a. Electric	Cap: 40 gallons	EF: 0.920
b. Conservation features		
None		
15. Credits		CF, Pstat

COLUMBIA COUNTY BUILDING DEPARTMENT REVIEWED FOR FIELD COPY CODE COMPLIANCE PLANS EXAMINER

Glass/Floor Area: 0.113

Total Proposed Modified Loads: 44.95

Total Baseline Loads: 47.29

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: _____

DATE: 8-30-19

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: _____

DATE: _____

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

GREAT SEAL OF THE STATE OF FLORIDA — IN GOD WE TRUST

BUILDING OFFICIAL: _____

DATE: _____

- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.3.2.1.

- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).

- Compliance with a proposed duct leakage Qn requires a Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	1522 Model - Deanna Terrace	Bedrooms:	3	Address Type:	Street Address
Building Type:	User	Conditioned Area:	1610	Lot #	
Owner Name:		Total Stories:	1	Block/Subdivision:	Amelia Landing
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Adam's Construction	Rotate Angle:	0	Street:	Deanna Terrace
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	Lake City , FL , 32024
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

√	Design Location	TMY Site	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	1610	14490

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	1610	14490	Yes	6	3	1	Yes	Yes	Yes

FLOORS

√	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	196 ft	0	1610 ft²	----	0.33	0.33	0.34

ROOF

√	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Hip	Composition shingles	1801 ft²	0 ft²	Medium	N	0.85	No	0.9	No	0	26.6

ATTIC

√	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1610 ft²	N	N

CEILING

√	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	30	Blown	1610 ft²	0.11	Wood

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

WALLS

√	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	Width In	Height Ft	Height In	Area	Sheathing R-Value	Framing Fraction	Solar Absor	Below Grade%
____	1	N	Exterior	Frame - Wood	Main	13	31	8	9		285.0 ft²	0.625	0.23	0.75	0
____	2	E	Exterior	Frame - Wood	Main	13	6		9		54.0 ft²	0.625	0.23	0.75	0
____	3	N	Exterior	Frame - Wood	Main	13	13	4	9		120.0 ft²	0.625	0.23	0.75	0
____	4	W	Exterior	Frame - Wood	Main	13	6		9		54.0 ft²	0.625	0.23	0.75	0
____	5	E	Exterior	Frame - Wood	Main	13	22	10	9		205.5 ft²	0.625	0.23	0.75	0
____	6	S	Exterior	Frame - Wood	Main	13	5	8	9		51.0 ft²	0.625	0.23	0.75	0
____	7	E	Exterior	Frame - Wood	Main	13	6	8	9		60.0 ft²	0.625	0.23	0.75	0
____	8	S	Exterior	Frame - Wood	Main	13	10	4	9		93.0 ft²	0.625	0.23	0.75	0
____	9	E	Exterior	Frame - Wood	Main	13	7	2	9		64.5 ft²	0.625	0.23	0.75	0
____	10	S	Exterior	Frame - Wood	Main	13	11	8	9		105.0 ft²	0.625	0.23	0.75	0
____	11	W	Exterior	Frame - Wood	Main	13	45	2	9		406.5 ft²	0.625	0.23	0.75	0
____	12	N	Garage	Frame - Wood	Main	13	28		9		252.0 ft²		0.23	0.75	0

DOORS

√	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	Width In	Height Ft	Height In	Area
_____	1	E	Insulated	Main	None	.46	3		8		24 ft²
_____	2	S	Insulated	Main	None	.46	3		8		24 ft²
_____	3	N	Insulated	Main	None	.4	3		6	8	20 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

√	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
_____	1	N	1	Vinyl	Low-E Double	Yes	0.33	0.22	N	72.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	2	N	3	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft²	7 ft 6 in	1 ft 4 in	None	None
_____	3	W	4	Vinyl	Low-E Double	Yes	0.33	0.22	N	12.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	4	S	8	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	5	S	10	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	6	W	11	Vinyl	Low-E Double	Yes	0.33	0.22	N	8.0 ft²	1 ft 6 in	1 ft 4 in	None	None
_____	7	W	11	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft²	1 ft 6 in	1 ft 4 in	None	None

GARAGE

√	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
_____	1	420 ft²	420 ft²	59.5 ft	9 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000286	1207.5	66.29	124.67	.1128	5

FORM R405-2017

INPUT SUMMARY CHECKLIST REPORT

HEATING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
_____	1	Electric Heat Pump/	None	HSPF:8.5	30 kBtu/hr	1	sys#1

COOLING SYSTEM

√	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit/	None	SEER: 14	30 kBtu/hr	900 cfm	0.85	1	sys#1

HOT WATER SYSTEM

√	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Garage	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

√	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
_____	None	None			ft²		

DUCTS

√	#	Supply Location	Supply R-Value	Supply Area	Return Location	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	HVAC # Cool
_____	1	Attic	6	304.4 ft	Attic	76.1 ft²	Prop. Leak Free	Garage	— cfm	48.3 cfm	0.03	0.50	1	1

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cooling	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]
Heating	[X]	[X]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]
Venting	[ ]	[ ]	[X]	[X]	[ ]	[ ]	[ ]	[ ]	[ ]	[X]	[X]	[ ]

Thermostat Schedule: HERS 2006 Reference

Schedule Type		Hours 1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.	0 ft²	0 ft	0.3	Main