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

RE: Hickory_Cove_Lt_12 - Hickory Cove Lt 12

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

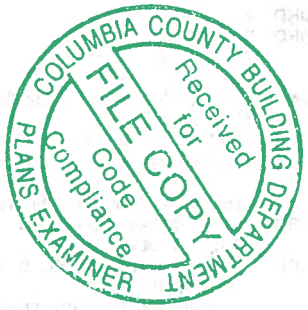
Site Information:
Customer Info: SCCi Project Name: . Model: .
Lot/Block: . Subdivision: .
Address: ., .
City: Lake City State: Fl

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

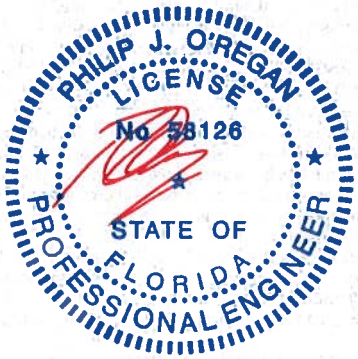
This package includes 34 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T19099189	A1GIR	1/10/20	23	T19099211	E1	1/10/20
2	T19099190	A2	1/10/20	24	T19099212	E2	1/10/20
3	T19099191	A3	1/10/20	25	T19099213	E3	1/10/20
4	T19099192	A4	1/10/20	26	T19099214	J1	1/10/20
5	T19099193	A5	1/10/20	27	T19099215	J1A	1/10/20
6	T19099194	A6	1/10/20	28	T19099216	J1B	1/10/20
7	T19099195	A7	1/10/20	29	T19099217	J2	1/10/20
8	T19099196	A8	1/10/20	30	T19099218	J2A	1/10/20
9	T19099197	A9	1/10/20	31	T19099219	J3	1/10/20
10	T19099198	A10GE	1/10/20	32	T19099220	J3A	1/10/20
11	T19099199	B1GE	1/10/20	33	T19099221	J4	1/10/20
12	T19099200	B2	1/10/20	34	T19099222	J4A	1/10/20
13	T19099201	B3	1/10/20				
14	T19099202	B4GE	1/10/20				
15	T19099203	C1GE	1/10/20				
16	T19099204	C2GIR	1/10/20				
17	T19099205	CJ1	1/10/20				
18	T19099206	CJ2	1/10/20				
19	T19099207	CJ3	1/10/20				
20	T19099208	D1GE	1/10/20				
21	T19099209	D2	1/10/20				
22	T19099210	D3GIR	1/10/20				



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: ORegan, Philip
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:

January 10,2020

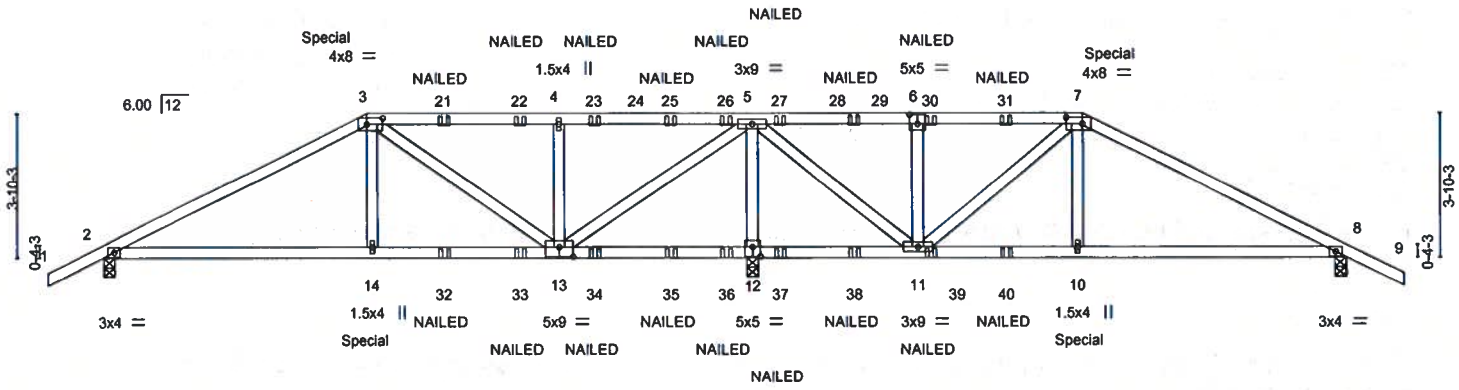
IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which 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	Hickory Cove Lt 12
Hickory_Cove_Lt_12	A1GIR	Hip Girder	1	2	T19099189
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:39 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-5VawLLt?EqddLqli8Z5KbI0h?b_imZ5kL?fjWmzwohg

-1-6-0	7-0-0	12-1-2	17-2-4	21-7-2	26-0-0	33-0-0	34-6-0
1-6-0	7-0-0	5-1-2	5-1-2	4-4-14	4-4-14	7-0-0	1-6-0

Scale = 1:58.6



7-0-0	12-1-2	17-2-4	21-7-2	26-0-0	33-0-0
7-0-0	5-1-2	5-1-2	4-4-14	4-4-14	7-0-0

Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [6:0-2-8,0-3-0], [7:0-5-4,0-2-0], [12:0-2-8,0-3-0], [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	0.35	Vert(LL)	0.05	10-20	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.09	14-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.27	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 326 lb	FT = 0%

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

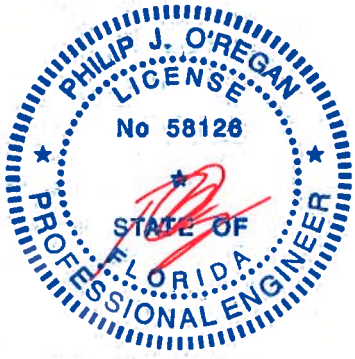
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 2=1064/0-3-8, 12=3617/0-3-8, 8=913/0-3-8
Max Horz 2=75(LC 7)
Max Uplift 2=-186(LC 8), 12=-860(LC 8), 8=-250(LC 8)
Max Grav 2=1068(LC 17), 12=3617(LC 1), 8=918(LC 18)

"Special" indicates special hanger(s) or other connection device(s) required at location(s)shown. The design/selection of such special connection device(s) is the responsibility of others. This applies to all applicable truss designs in this job.

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1679/344, 3-4=-791/212, 4-5=-790/212, 5-6=-432/192, 6-7=-432/192, 7-8=-1347/367
BOT CHORD 2-14=-227/1425, 13-14=-230/1449, 12-13=-1163/317, 11-12=-1163/317, 10-11=-247/1151, 8-10=-241/1128
WEBS 3-14=-80/666, 3-13=-810/145, 4-13=-677/183, 5-13=-509/2365, 5-12=-3295/795, 5-11=-510/2029, 6-11=-544/148, 7-11=-933/212, 7-10=-138/653

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=33ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; porch 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) except (jt=lb) 2=186, 12=860, 8=250.
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 152 lb up at 7-0-0, and 228 lb down and 152 lb up at 26-0-0 on top chord, and 361 lb down and 146 lb up at 7-0-0, and 361 lb down and 104 lb up at 25-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.



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LOAD CASE(S) Standard

Continued on page 2

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6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

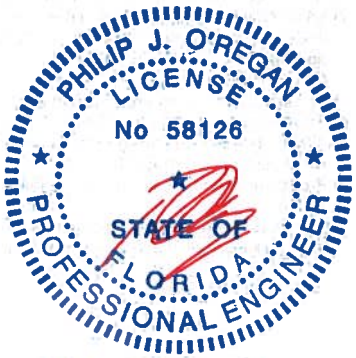
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-7=-60, 7-9=-60, 15-18=-20

Concentrated Loads (lb)

Vert: 3=-181(B) 7=-181(B) 14=-361(B) 10=-361(B) 21=-125(B) 22=-125(B) 23=-125(B) 25=-125(B) 26=-125(B) 27=-125(B) 29=-125(B) 30=-125(B) 31=-125(B) 32=-62(B) 33=-62(B) 34=-62(B) 35=-62(B) 36=-62(B) 37=-62(B) 38=-62(B) 39=-62(B) 40=-62(B)



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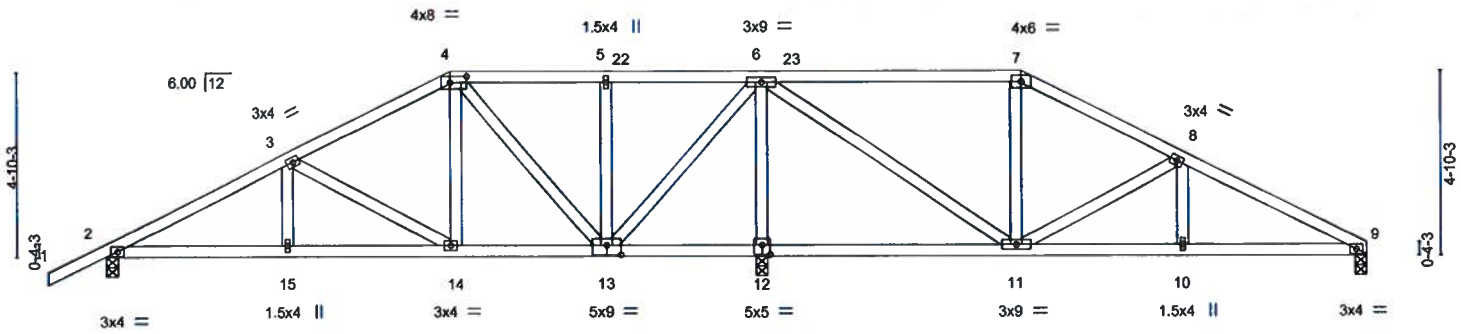
Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	A2	Hip	1	1	T19099190
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:41 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-1tigm1uFmRtLa8u5G_7ogj60kPhhEOO0oJ8qbfzwohe

-1-6-0	4-9-4	9-0-0	13-1-2	17-2-4	24-0-0	28-2-12	33-0-0
1-6-0	4-9-4	4-2-12	4-1-2	4-1-2	6-9-12	4-2-12	4-9-4

Scale = 1:57.9



4-9-4	9-0-0	13-1-2	17-2-4	24-0-0	28-2-12	33-0-0
4-9-4	4-2-12	4-1-2	4-1-2	6-9-12	4-2-12	4-9-4

Plate Offsets (X,Y)– [4:0-5-4,0-2-0], [12:0-2-8,0-3-0], [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	0.40	Vert(LL)	0.07	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.09	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.01	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 178 lb	FT = 0%

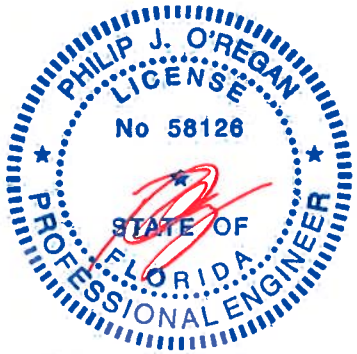
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 9=483/0-3-8, 2=644/0-3-8, 12=1602/0-3-8
Max Horz 2=89(LC 11)
Max Uplift 9=-124(LC 12), 2=-28(LC 12), 12=-157(LC 12)
Max Grav 9=509(LC 22), 2=666(LC 21), 12=1602(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-926/144, 3-4=-537/103, 6-7=-320/366, 7-8=-418/372, 8-9=-799/596
BOT CHORD 2-15=-65/784, 14-15=-65/784, 13-14=0/435, 12-13=-450/274, 11-12=-450/274, 10-11=-475/683, 9-10=-475/683
WEBS 3-14=-412/153, 4-14=-32/327, 4-13=-458/149, 6-13=-159/801, 6-12=-1471/598, 6-11=-539/868, 8-11=-413/345

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=33ft; 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) 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 except (jt=lb) 9=124, 12=157.
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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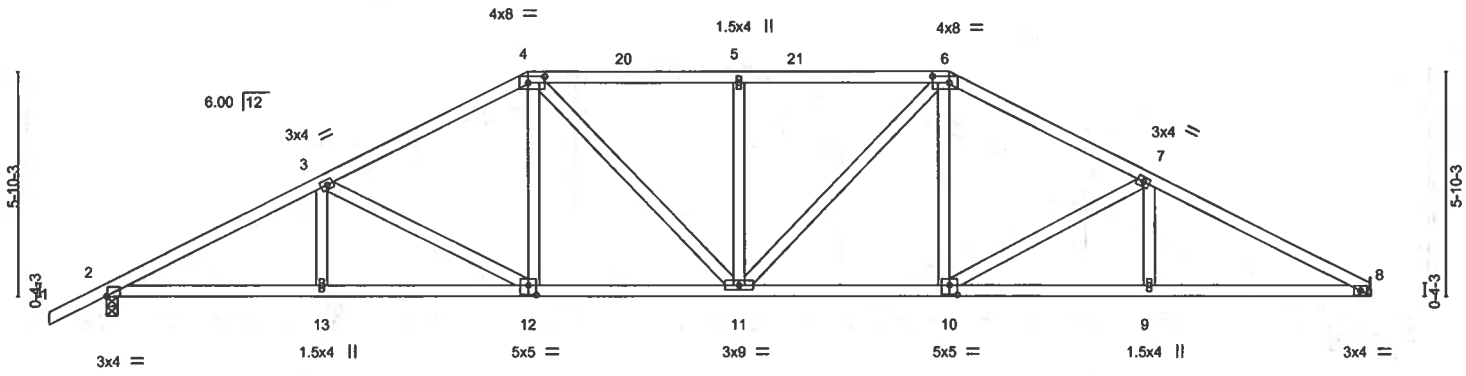
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	A3	Hip	1	1	T19099191
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:43 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-_GpQBjwWI272qR2UNP9GI8BNOCliiM6JGddwgXzwohc

-1-6-0	5-7-8	11-0-0	16-6-0	22-0-0	27-2-12	33-0-0
1-6-0	5-7-8	5-4-8	5-6-0	5-6-0	5-2-12	5-9-4

Scale = 1:57.9



5-7-8	11-0-0	16-6-0	22-0-0	27-2-12	33-0-0
5-7-8	5-4-8	5-6-0	5-6-0	5-2-12	5-9-4

Plate Offsets (X,Y)— [2:0-0-4,Edge], [4:0-5-4,0-2-0], [6:0-5-4,0-2-0], [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	0.32	Vert(LL)	-0.13	11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.27	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.11	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 175 lb	FT = 0%

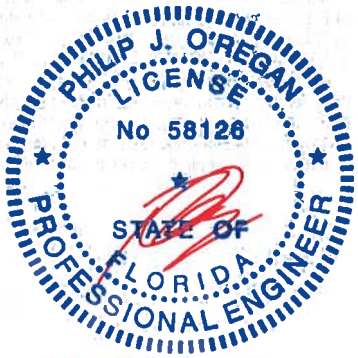
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 8=1318/Mechanical, 2=1412/0-3-8
Max Horz 2=107(LC 11)
Max Uplift 2=-38(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2520/561, 3-4=-2047/505, 4-5=-1991/537, 5-6=-1991/537, 6-7=-2049/509, 7-8=-2517/570
BOT CHORD 2-13=-427/2200, 12-13=-427/2200, 11-12=-257/1762, 10-11=-259/1764, 9-10=-435/2211, 8-9=-435/2211
WEBS 3-12=-498/193, 4-12=-25/395, 4-11=-64/438, 5-11=-361/155, 6-11=-61/434, 6-10=-33/398, 7-10=-514/202

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=33ft; 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) 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:

January 10,2020

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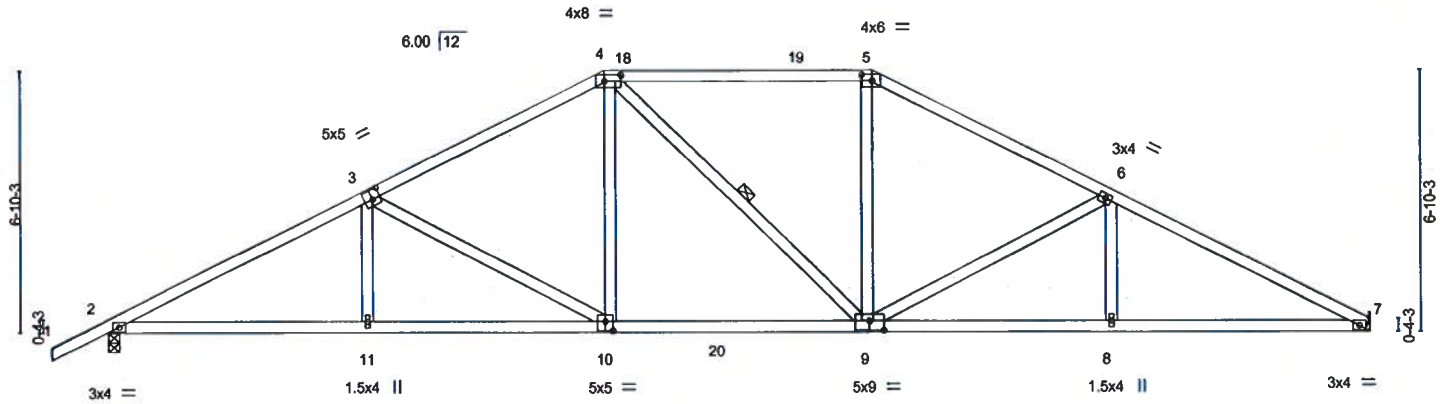
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	A4	Hip	1	1	T19099192
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:44 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-SSNoO3x83MFvRbdgx6gVIMkU?cdrRmmTVHNUCzzwohb

-1-6-0	6-9-4	13-0-0	20-0-0	26-2-12	33-0-0
1-6-0	6-9-4	6-2-12	7-0-0	6-2-12	6-9-4

Scale = 1:57.7



6-9-4	13-0-0	20-0-0	26-2-12	33-0-0
6-9-4	6-2-12	7-0-0	6-2-12	6-9-4

Plate Offsets (X,Y)– [3:0-2-8,0-3-0], [4:0-5-4,0-2-0], [5:0-3-4,0-2-0], [9:0-4-8,0-3-0], [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	0.59	Vert(LL)	-0.14	9-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.29	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.10	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 167 lb	FT = 0%

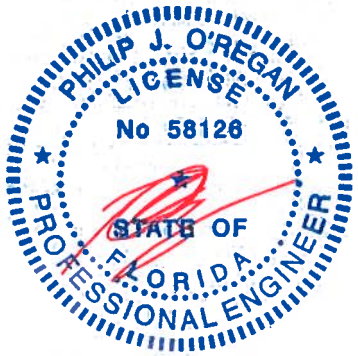
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-9

REACTIONS. (lb/size) 7=1318/Mechanical, 2=1412/0-3-8
Max Horz 2=125(LC 11)
Max Uplift 2=-38(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2463/564, 3-4=-1895/498, 4-5=-1619/492, 5-6=-1894/497, 6-7=-2465/574
BOT CHORD 2-11=-415/2136, 10-11=-416/2133, 9-10=-213/1616, 8-9=-427/2157, 7-8=-427/2157
WEBS 3-11=0/263, 3-10=-595/233, 4-10=-33/494, 5-9=-32/482, 6-9=-620/243, 6-8=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=33ft; 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) 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:

January 10,2020

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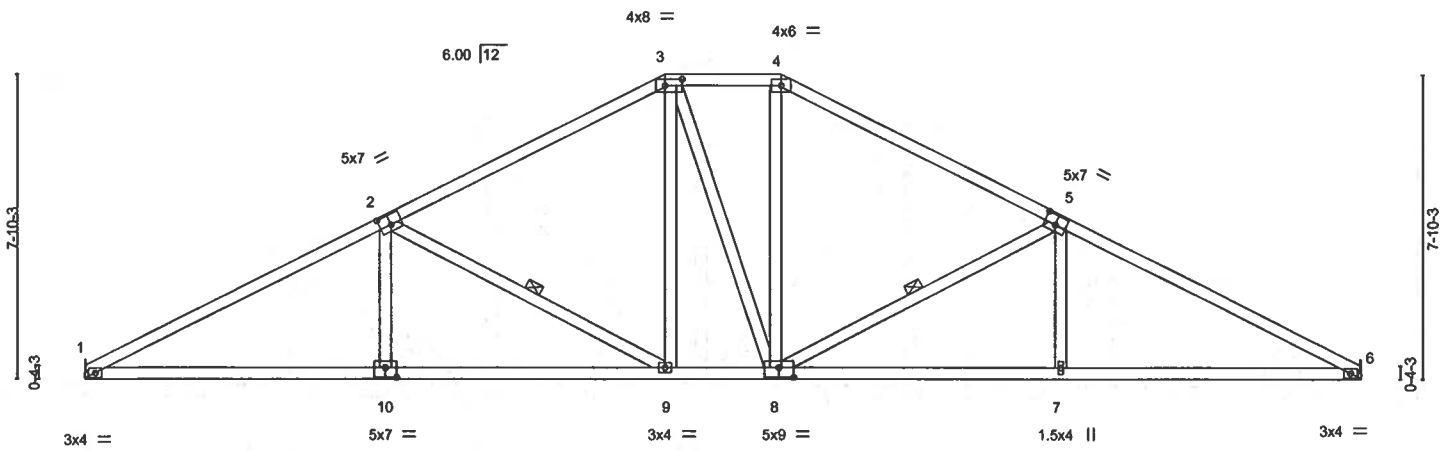
Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	A5	Hip	1	1	T19099193
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:45 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-wexBcPxmqgNm3ICsVqCkqZGgw0ywAlucjx61kQzwoha

7-9-4	15-0-0	18-0-0	25-2-12	33-0-0
7-9-4	7-2-12	3-0-0	7-2-12	7-9-4

Scale = 1:57.2



7-9-4	15-0-0	18-0-0	25-2-12	33-0-0
7-9-4	7-2-12	3-0-0	7-2-12	7-9-4

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

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	0.58	Vert(LL)	-0.12	10-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.27	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.10	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 172 lb	FT = 0%

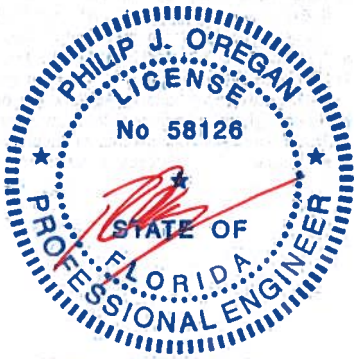
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 2-9, 5-8

REACTIONS. (lb/size) 1=1320/Mechanical, 6=1320/Mechanical
Max Horz 1=-133(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2421/579, 2-3=-1724/489, 3-4=-1452/490, 4-5=-1730/491, 5-6=-2420/579
BOT CHORD 1-10=-418/2111, 9-10=-420/2107, 8-9=-169/1451, 7-8=-420/2107, 6-7=-418/2110
WEBS 2-10=0/332, 2-9=-759/287, 3-9=-75/457, 4-8=-77/456, 5-8=-754/286, 5-7=0/330

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=33ft; 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) Refer to girder(s) for truss to truss connections.
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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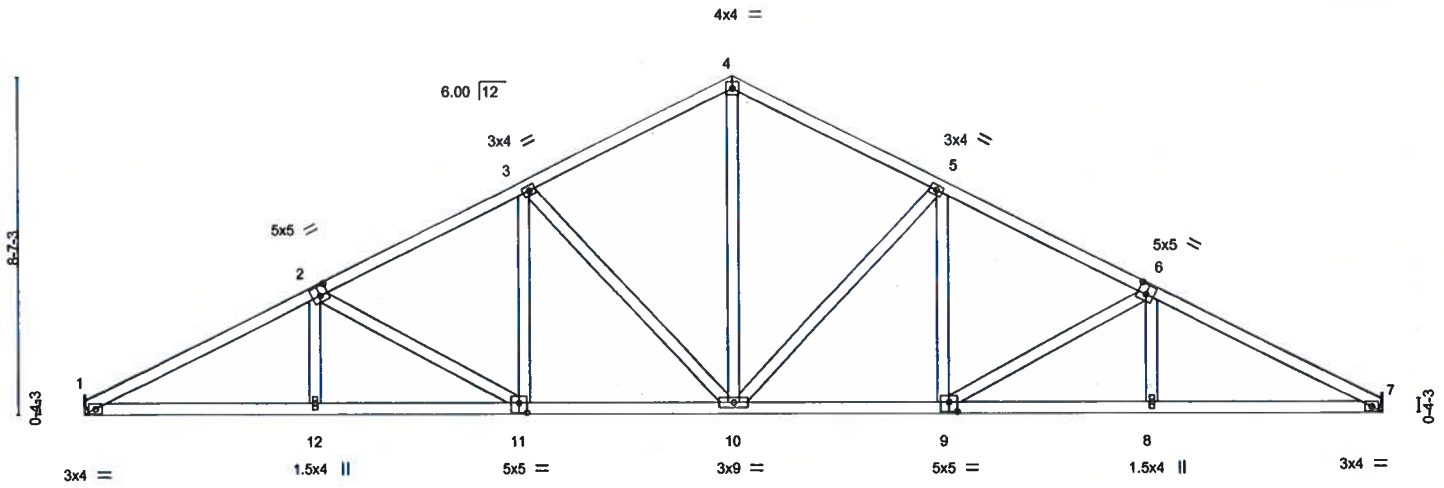
January 10,2020

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	A6	Common	4	1	T19099194
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:46 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-OrVZpkyObzWdhvn32Xj_NnptwQJBvemmybsbGszwohZ

5-10-5	11-2-3	16-6-0	21-9-13	27-1-11	33-0-0
5-10-5	5-3-13	5-3-13	5-3-13	5-3-13	5-10-5

Scale = 1:56.2



5-10-5	11-2-3	16-6-0	21-9-13	27-1-11	33-0-0
5-10-5	5-3-13	5-3-13	5-3-13	5-3-13	5-10-5

Plate Offsets (X,Y)-- [2:0-2-8,0-3-0], [6:0-2-8,0-3-0], [9:0-2-8,0-3-0], [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	0.37	Vert(LL)	-0.12	10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.26	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.11	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 179 lb	FT = 0%

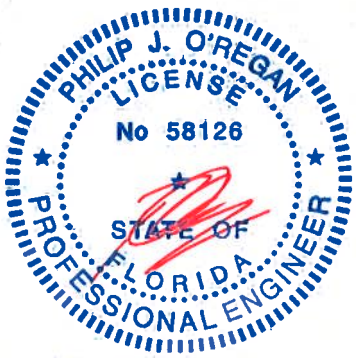
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 1=1320/Mechanical, 7=1320/Mechanical
Max Horz 1=146(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2512/606, 2-3=-2052/553, 3-4=-1565/499, 4-5=-1565/499, 5-6=-2052/553, 6-7=-2512/606
BOT CHORD 1-12=-463/2204, 11-12=-465/2201, 10-11=-298/1762, 9-10=-298/1762, 8-9=-465/2201, 7-8=-463/2204
WEBS 4-10=-277/1023, 5-10=-633/235, 5-9=-31/395, 6-9=-502/193, 3-10=-633/235, 3-11=-31/395, 2-11=-502/193

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=33ft; 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) 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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January 10,2020

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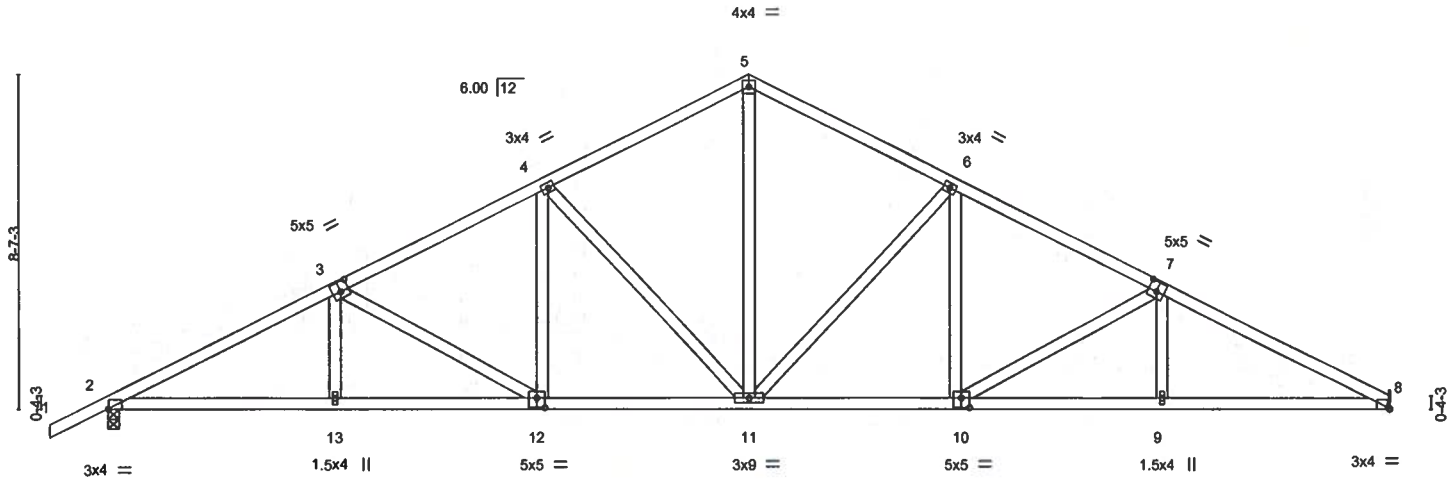
Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099195
Hickory_Cove_Lt_12	A7	Common	2	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:48 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-KDdJEQ_e7bmLwDxRAylSSCuDPD?gNXG2PvLhLlzwohX

-1-6-0	5-10-5	11-2-3	16-6-0	21-9-13	27-1-11	33-0-0
1-6-0	5-10-5	5-3-13	5-3-13	5-3-13	5-3-13	5-10-5

Scale = 1:57.0



5-10-5	11-2-3	16-6-0	21-9-13	27-1-11	33-0-0
5-10-5	5-3-13	5-3-13	5-3-13	5-3-13	5-10-5

Plate Offsets (X,Y)-- [2:0-0-4,Edge], [3:0-2-8,0-3-0], [7:0-2-8,0-3-0], [8:0-0-4,Edge], [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	0.37	Vert(LL)	-0.12	11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.26	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 182 lb	FT = 0%

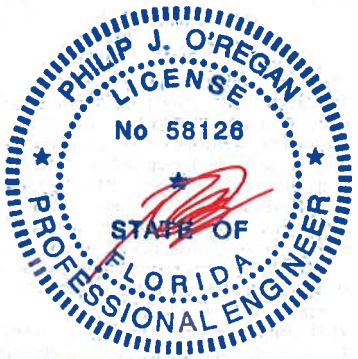
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 2=1412/0-3-8, 8=1318/Mechanical
Max Horz 2=155(LC 11)
Max Uplift 2=-38(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2503/592, 3-4=-2043/548, 4-5=-1560/497, 5-6=-1560/497, 6-7=-2047/551, 7-8=-2508/603
BOT CHORD 2-13=-450/2179, 12-13=-451/2176, 11-12=-294/1755, 10-11=-296/1758, 9-10=-463/2196, 8-9=-461/2200
WEBS 5-11=-275/1020, 6-11=-633/235, 6-10=-31/395, 7-10=-502/193, 4-11=-629/232, 4-12=-27/393, 3-12=-482/182

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=33ft; 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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January 10,2020

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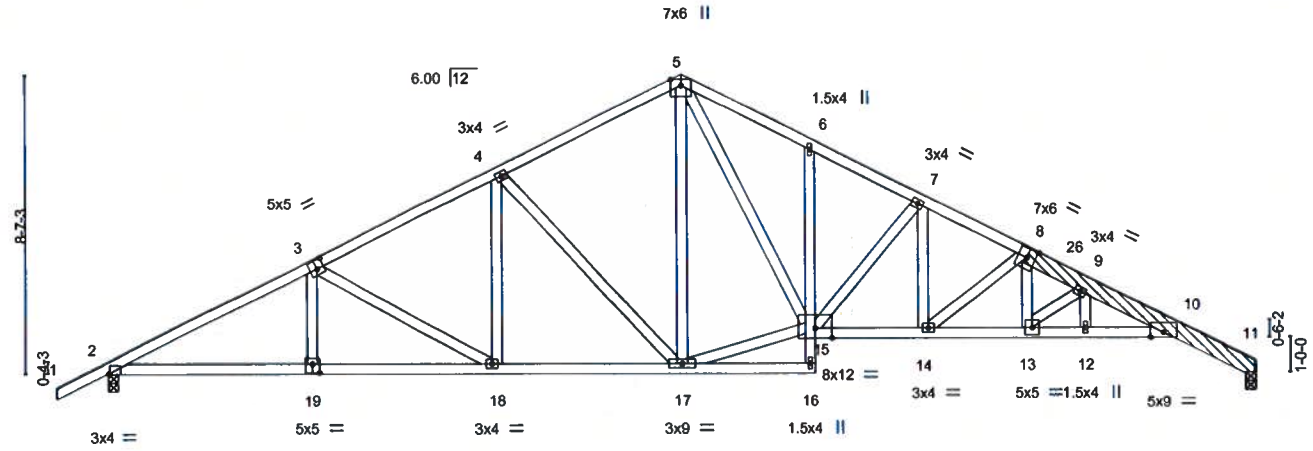
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099196
Hickory_Cove_Lt_12	A8	Roof Special	7	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:49 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-oQBhSm?HuuuCYMVdkgGh?PRLDdHE6_UCeZ4FtBzwohW

-1-6-0	5-10-5	11-2-3	16-6-0	20-4-0	23-5-8	26-7-0	28-1-12	29-8-8	31-1-0	33-0-0	34-6-0
1-6-0	5-10-5	5-3-13	5-3-13	3-10-0	3-1-8	3-1-8	1-6-12	1-6-12	1-4-8	1-11-0	1-6-0

Scale: 3/16"=1'



5-10-5	11-2-3	16-6-0	20-4-0	23-5-8	26-7-0	28-1-12	29-8-8	31-1-0	33-0-0
5-10-5	5-3-13	5-3-13	3-10-0	3-1-8	3-1-8	1-6-12	1-6-12	1-4-8	1-11-0

Plate Offsets (X,Y)-- [2:0-0-4,Edge], [3:0-2-8,0-3-0], [8:0-3-0,0-3-4], [19:0-2-8,0-3-0]

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	0.56	Vert(LL)	-0.22	14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.43	14-15	>909	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.25	11	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-AS							Weight: 220 lb	FT = 0%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 8-11: 2x6 SP SS
BOT CHORD	2x4 SP No.2 *Except* 10-15: 2x4 SP No.1
WEBS	2x4 SP No.2
OTHERS	2x6 SP SS
LBR SCAB	8-11 2x6 SP SS one side

BRACING-

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

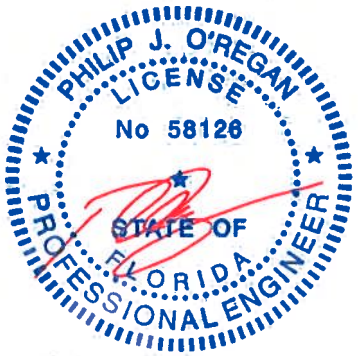
REACTIONS. (lb/size) 2=1406/0-3-8, 11=1317/0-3-8
Max Horz 2=155(LC 11)
Max Uplift 2=-37(LC 12)

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

TOP CHORD	2-3=-2490/588, 3-4=-2023/543, 4-5=-1546/494, 5-6=-2128/664, 6-7=-2144/586, 7-8=-2638/661, 8-9=-3332/799, 9-10=-3937/911, 10-11=-581/160
BOT CHORD	2-19=-446/2168, 18-19=-447/2165, 17-18=-290/1747, 14-15=-414/2327, 13-14=-586/2938, 12-13=-802/3804, 10-12=-802/3804
WEBS	3-18=-487/181, 4-18=-23/398, 4-17=-634/233, 5-17=-81/306, 15-17=-119/1262, 5-15=-321/1220, 7-15=-688/208, 7-14=-92/548, 8-14=-763/216, 8-13=-140/726, 9-13=-1137/281

NOTES-

1) Attached 7-4-3 scab 8 to 11, front face(s) 2x6 SP SS with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 3-0-9 from end at joint 8, nail 2 row(s) at 3" o.c. for 2-7-13.
2) Unbalanced roof live loads have been considered for this design.
3) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=33ft; 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
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) 11 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) 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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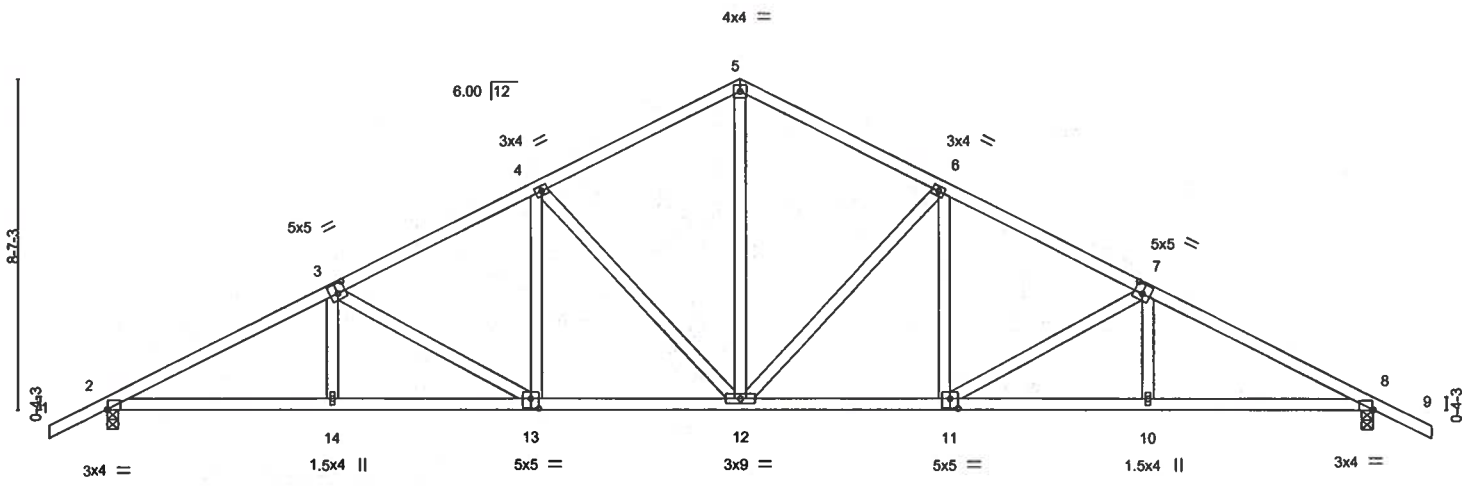
Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099197
Hickory_Cove_Lt_12	A9	Common	3	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:51 2020 Page 1
ID:CrhDir8lcGtqvaLEEisAayy3Te?-loISsS0XPW8wngf0r4J94qWkFR22au3V6tZLy3zwohU

-1-6-0	5-10-5	11-2-3	16-6-0	21-9-13	27-1-11	33-0-0	34-6-0
1-6-0	5-10-5	5-3-13	5-3-13	5-3-13	5-3-13	5-10-5	1-6-0

Scale = 1:57.7



5-10-5	11-2-3	16-6-0	21-9-13	27-1-11	33-0-0
5-10-5	5-3-13	5-3-13	5-3-13	5-3-13	5-10-5

Plate Offsets (X,Y)-- [2:0-0-4,Edge], [3:0-2-8,0-3-0], [7:0-2-8,0-3-0], [8:0-0-4,Edge], [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	0.33	Vert(LL)	-0.12	12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.26	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 184 lb	FT = 0%

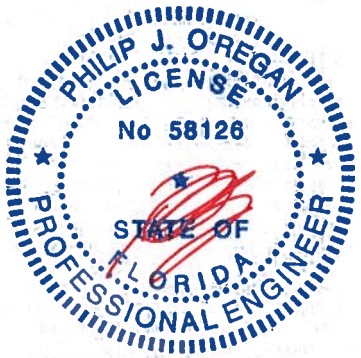
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 2=1410/0-3-8, 8=1410/0-3-8
Max Horz 2=159(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=-2498/587, 3-4=-2038/543, 4-5=-1555/491, 5-6=-1555/491, 6-7=-2038/543, 7-8=-2498/587
BOT CHORD 2-14=-404/2175, 13-14=-406/2172, 12-13=-260/1751, 11-12=-262/1751, 10-11=-419/2172, 8-10=-417/2175
WEBS 5-12=-270/1016, 6-12=-629/233, 6-11=-27/393, 7-11=-482/182, 4-12=-629/233, 4-13=-27/393, 3-13=-482/182

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=33ft; 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, 8.
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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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 10,2020

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	A10GE	Hip Girder	1	2	T19099198

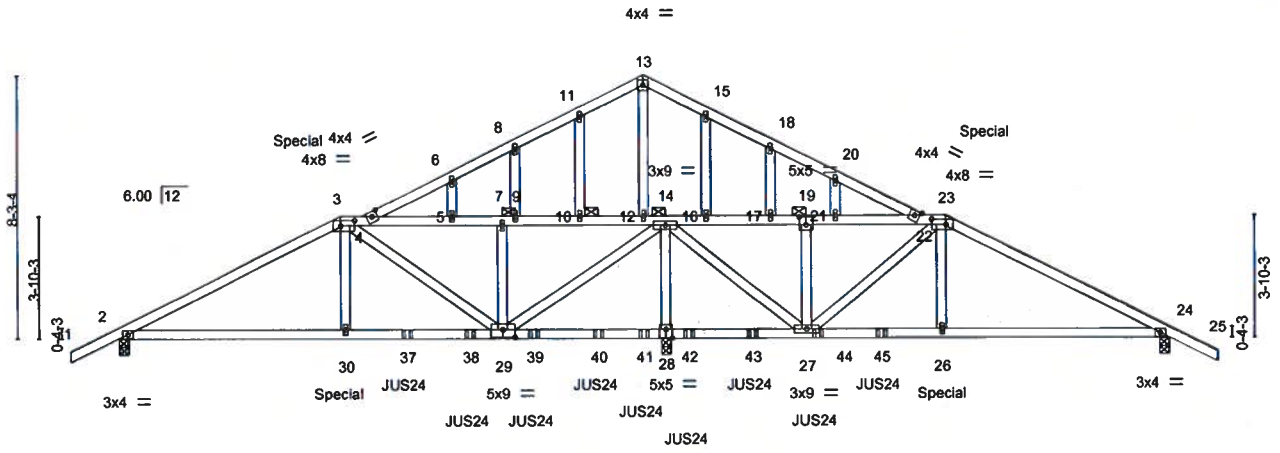
Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:36 2020 Page 1

ID:CrhDir8lcGtqvaLEEisAayy3Te?-hwunjKq7yvF2UN08TRXdzgPApOwBZC_Hf1Q3wRzwohj

1-6-0	7-0-0	12-1-2	16-6-0	17-2-4	21-7-2	26-0-0	33-0-0	34-6-0
1-6-0	7-0-0	5-1-2	4-4-14	0-8-4	4-4-14	4-4-14	7-0-0	1-6-0

Scale = 1:69.3



THIS TRUSS IS NOT SYMMETRIC.
PROPER ORIENTATION IS ESSENTIAL.

7-0-0	12-1-2	17-2-4	21-7-2	26-0-0	33-0-0
7-0-0	5-1-2	5-1-2	4-4-14	4-4-14	7-0-0

Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [19:0-2-8,0-3-0], [23:0-5-4,0-2-0], [28:0-2-8,0-3-4], [29:0-4-8,0-3-0]

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	0.34	Vert(LL)	-0.04	29-30	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.08	29-30	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.29	Horz(CT)	0.01	24	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 435 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 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 7, 14, 19, 10

REACTIONS. (lb/size) 2=1045/0-3-8, 28=4241/0-3-8, 24=869/0-3-8
Max Horz 2=-153(LC 6)
Max Uplift 2=-145(LC 8), 28=-740(LC 8), 24=-115(LC 8)
Max Grav 2=1045(LC 1), 28=4241(LC 1), 24=887(LC 18)

TOP CHORD MUST BE BRACED BY END JACKS, ROOF DIAPHRAGM, OR PROPERLY CONNECTED PURLINS AS SPECIFIED.

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1647/259, 3-4=-804/207, 4-5=-1040/289, 5-7=-1040/289, 7-9=-1040/289, 9-10=-1040/289, 10-12=-1040/289, 12-14=-1040/289, 14-16=-684/208, 16-17=-684/208, 17-19=-684/208, 19-21=-684/208, 21-22=-684/208, 22-23=-420/126, 23-24=-1291/189, 4-6=-82/304, 6-8=-60/304, 8-11=-65/296, 11-13=-52/316, 13-15=-69/315, 15-18=-75/338, 18-20=-80/311, 20-22=-92/329
BOT CHORD 2-30=-169/1394, 29-30=-170/1422, 28-29=-1302/291, 27-28=-1302/291, 26-27=-79/1104, 24-26=-77/1076
WEBS 3-30=-43/730, 3-29=-793/57, 7-29=-313/117, 14-29=-470/2568, 14-28=-3377/597, 14-27=-392/2118, 23-27=-929/84, 23-26=-37/705, 12-13=-378/25

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.

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=33ft; 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) All plates are 1.5x4 MT20 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=145, 28=740, 24=115.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Use JUS24 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 9-0-12 from the left end to 33-11-4 to connect truss(es) to front face of bottom chord.

Continued on page 2

PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Date: January 10,2020

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6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

12) Fill all nail holes where hanger is in contact with lumber.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 278 lb down and 150 lb up at 7-0-0, and 278 lb down and 150 lb up at 26-0-0 on top chord, and 361 lb down and 85 lb up at 7-0-0, and 361 lb down and 85 lb up at 25-11-4 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, 3-4=-60, 22-23=-60, 23-25=-60, 31-34=-20, 4-13=-60, 13-22=-60
   Concentrated Loads (lb)
   Vert: 3=-181(F) 23=-181(F) 30=-361(F) 26=-361(F) 37=-250(F) 38=-250(F) 39=-250(F) 40=-250(F) 41=-250(F) 42=-250(F) 43=-250(F) 44=-250(F) 45=-250(F)

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January 10,2020

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	B1GE	Hip Girder	1	2	T19099199

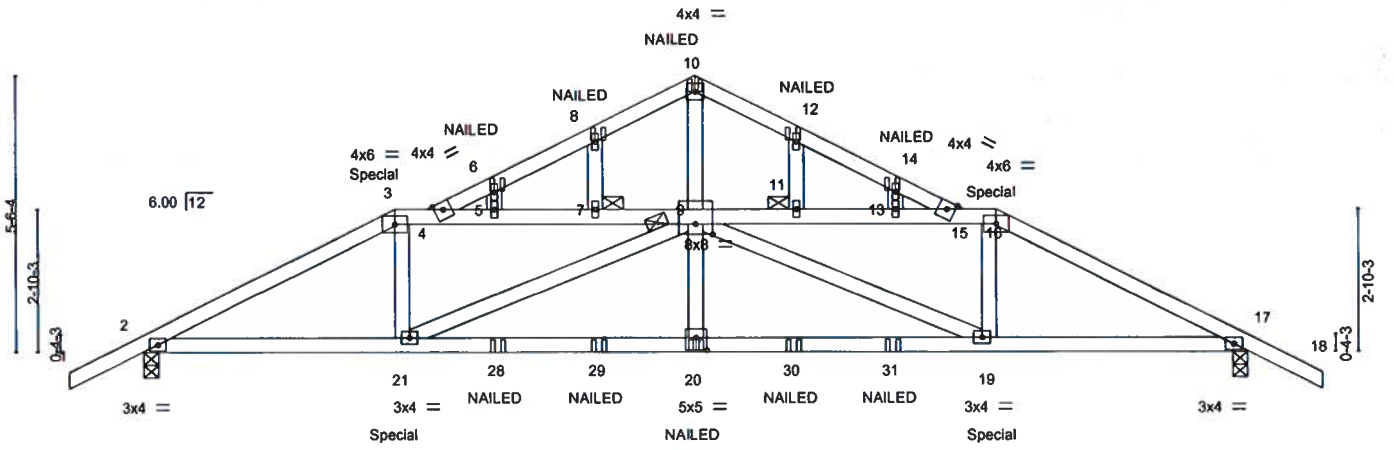
Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:53 2020 Page 1

ID:CrhDir8lcGtqvaLEEisAayy3Te?-hBQCH82nx7Oe0_pPzVLd9Fc5zEls2xgnZA2S0yzwohS

-1-6-0	5-0-0	11-0-0	17-0-0	22-0-0	23-6-0
1-6-0	5-0-0	6-0-0	6-0-0	5-0-0	1-6-0

Scale = 1:44.0



5-0-0	11-0-0	17-0-0	22-0-0
5-0-0	6-0-0	6-0-0	5-0-0

Plate Offsets (X,Y)— [9:0-4-0,0-2-8], [20:0-2-8,0-3-0]

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	0.32	Vert(LL)	-0.06	20	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.12	20-21	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.07	Horz(CT)	0.04	17	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 255 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.
JOINTS	1 Brace at Jt(s): 9, 7, 11

REACTIONS. (lb/size) 2=1469/0-3-8, 17=1469/0-3-8
Max Horz 2=98(LC 24)
Max Uplift 2=-102(LC 8), 17=-102(LC 8)

TOP CHORD MUST BE BRACED BY END JACKS, ROOF DIAPHRAGM, OR PROPERLY CONNECTED PURLINS AS SPECIFIED.

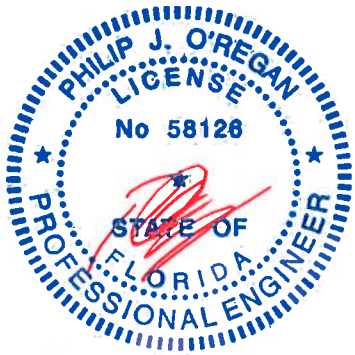
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-2691/137, 3-4=-2379/136, 4-5=-1473/184, 5-7=-1473/184, 7-9=-1473/184, 9-11=-1473/184, 11-13=-1473/184, 13-15=-1473/184, 15-16=-2379/136, 16-17=-2691/137, 4-6=-1055/0, 6-8=-1013/0, 8-10=-997/11, 10-12=-997/11, 12-14=-1013/0, 14-15=-1055/0
BOT CHORD	2-21=-50/2358, 20-21=-98/2482, 19-20=-98/2482, 17-19=-50/2358
WEBS	3-21=0/403, 9-20=0/405, 16-19=0/403, 9-10=0/598

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.

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) All plates are 1.5x4 MT20 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=102, 17=102.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 170 lb down and 104 lb up at 5-0-0, and 170 lb down and 104 lb up at 17-0-0 on top chord, and 166 lb down and 52 lb up at 5-0-0, and 166 lb down and 52 lb up at 16-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.



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Date: January 10,2020

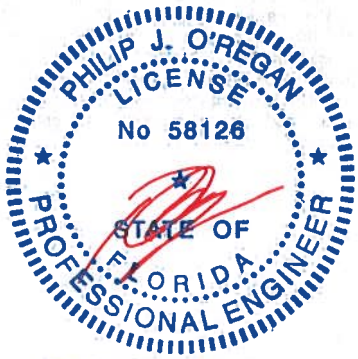
LOAD CASE(S) Standard

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-4=-60, 15-16=-60, 16-18=-60, 22-25=-20, 4-10=-60, 10-15=-60
   Concentrated Loads (lb)
   Vert: 3=-74(F) 16=-74(F) 21=-166(F) 20=-38(F) 19=-166(F) 10=-66(F) 8=-66(F) 6=-66(F) 12=-66(F) 14=-66(F) 28=-38(F) 29=-38(F) 30=-38(F) 31=-38(F)



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Date:

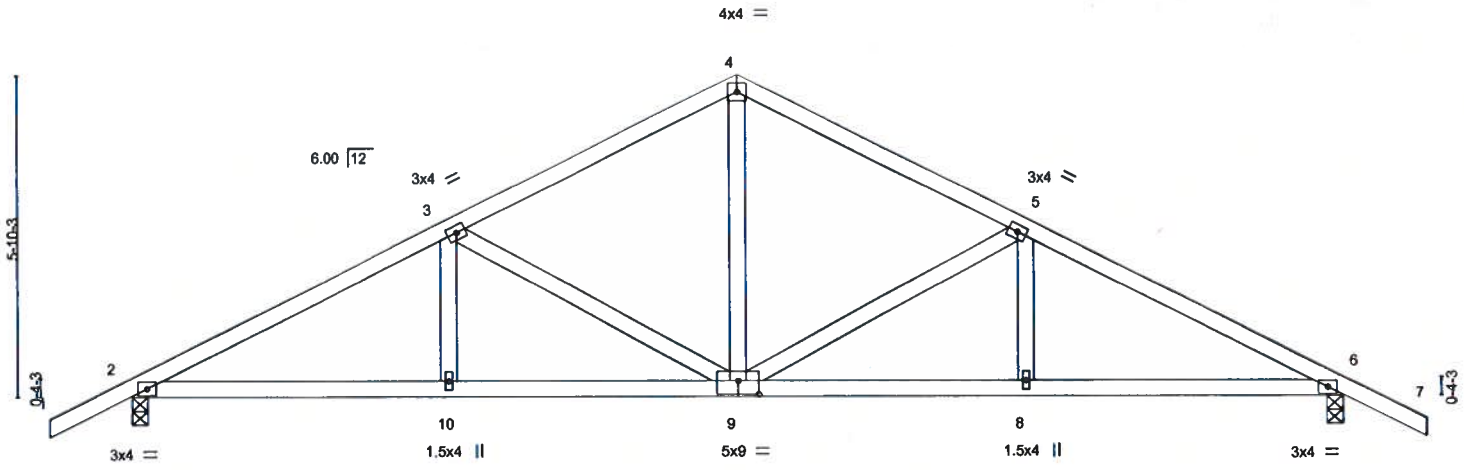
January 10,2020

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099200
Hickory_Cove_Lt_12	B2	Common	4	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:54 2020 Page 1
ID:CrhDir8IcGtqvaLEEIsAayy3Te?-9N_aVU2PiRWVe8ObWDssiT8GEe5InL?xoqo0YOzwohR

-1-6-0	5-9-4	11-0-0	16-2-12	22-0-0	23-6-0
1-6-0	5-9-4	5-2-12	5-2-12	5-9-4	1-6-0

Scale = 1:40.1



5-9-4	11-0-0	16-2-12	22-0-0
5-9-4	5-2-12	5-2-12	5-9-4

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

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	0.28	Vert(LL)	-0.05	9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.11	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 107 lb	FT = 0%

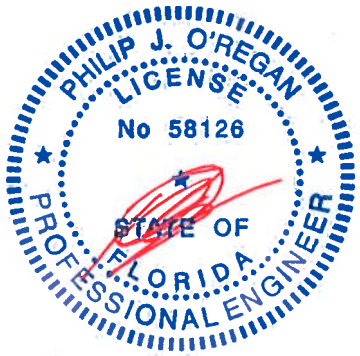
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 2=970/0-3-8, 6=970/0-3-8
Max Horz 2=103(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=-1546/365, 3-4=-1066/311, 4-5=-1066/311, 5-6=-1546/364
BOT CHORD 2-10=-211/1328, 9-10=-211/1328, 8-9=-222/1328, 6-8=-222/1328
WEBS 4-9=-116/595, 5-9=-519/190, 3-9=-519/190

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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Date:

January 10,2020

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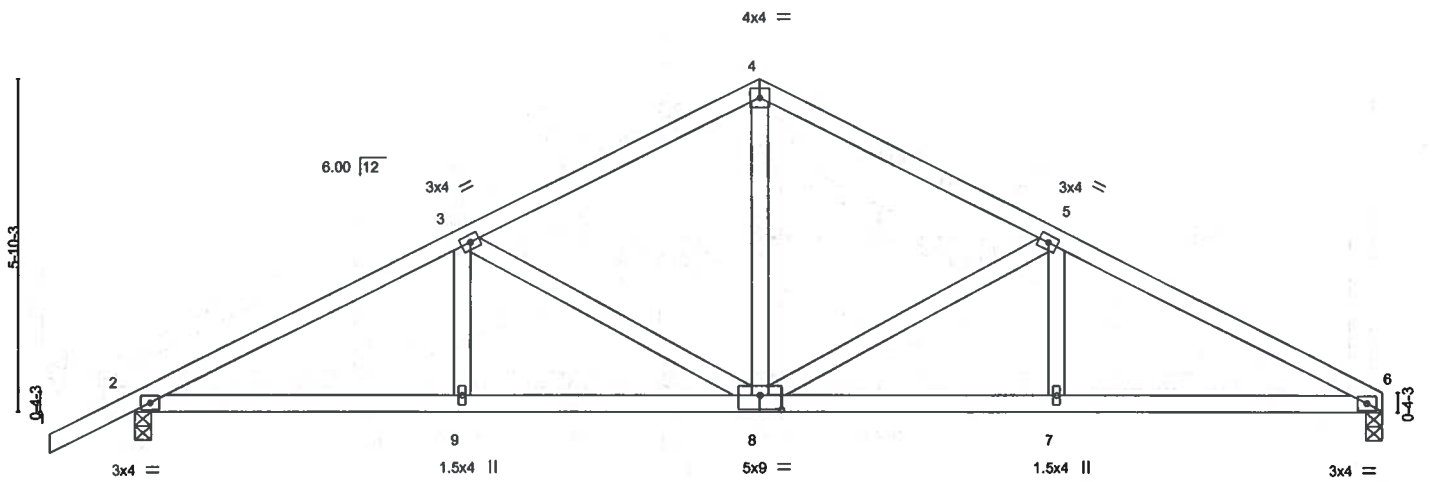
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099201
Hickory_Cove_Lt_12	B3	Common	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:55 2020 Page 1
ID:CrhDir8lcGtqvaLEEisAayy3Te?-daYzip31TkeLGHzn4wN5EghRh2QpWn340UXZ5rzwohQ

-1-6-0	5-9-4	11-0-0	16-2-12	22-0-0
1-6-0	5-9-4	5-2-12	5-2-12	5-9-4

Scale = 1:39.1



5-9-4	11-0-0	16-2-12	22-0-0
5-9-4	5-2-12	5-2-12	5-9-4

Plate Offsets (X,Y)-- [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	0.30	Vert(LL)	-0.05	8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.11	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 105 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=877/0-3-8, 2=973/0-3-8
Max Horz 2=100(LC 11)
Max Uplift 2=-38(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1553/373, 3-4=-1072/318, 4-5=-1073/319, 5-6=-1554/381
BOT CHORD 2-9=-257/1335, 8-9=-257/1335, 7-8=-266/1351, 6-7=-266/1351
WEBS 4-8=-125/603, 5-8=-540/202, 3-8=-520/191

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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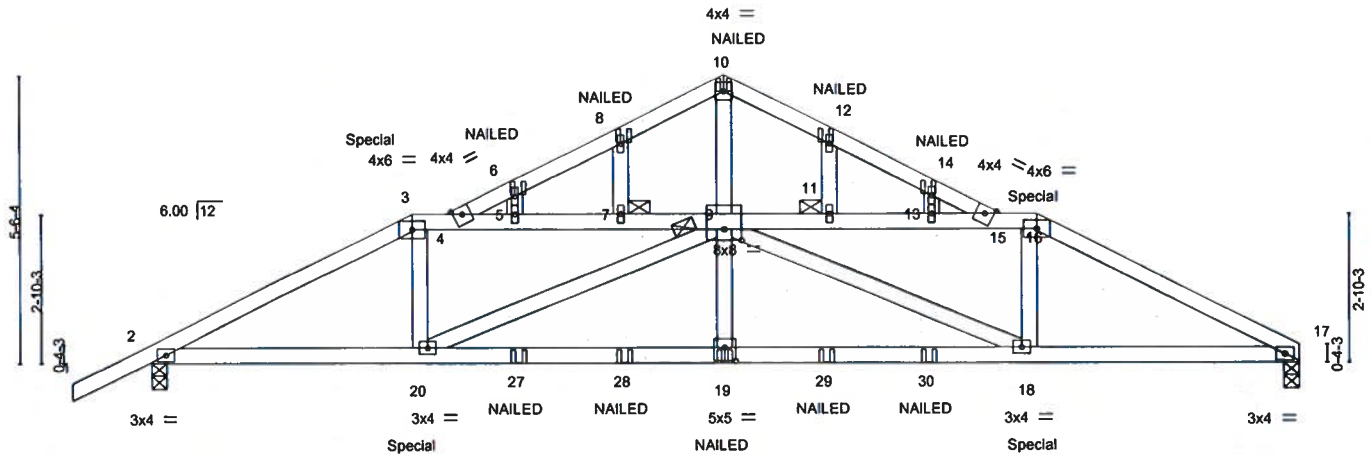
Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	B4GE	Hip Girder	1	2	T19099202
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:58 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-18D5Kr6wmf0w7IiMl3xosJJyhFS?jCuXjSmDh9zwohN

-1-6-0	5-0-0	11-0-0	17-0-0	22-0-0
1-6-0	5-0-0	6-0-0	6-0-0	5-0-0

Scale = 1:42.3



5-0-0	11-0-0	17-0-0	22-0-0
5-0-0	6-0-0	6-0-0	5-0-0

Plate Offsets (X,Y)— [9:0-4-0,0-2-8], [19:0-2-8,0-3-0]

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	0.32	Vert(LL)	-0.06	19	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.13	19-20	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.07	Horz(CT)	0.04	17	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 250 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.
JOINTS 1 Brace at Jt(s): 9, 7, 11

REACTIONS. (lb/size) 17=1405/0-3-8, 2=1481/0-3-8
Max Horz 2=95(LC 24)
Max Uplift 17=-53(LC 8), 2=-100(LC 8)

TOP CHORD MUST BE BRACED BY END JACKS, ROOF DIAPHRAGM, OR PROPERLY CONNECTED PURLINS AS SPECIFIED.

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2717/134, 3-4=-2403/134, 4-5=-1478/178, 5-7=-1478/178, 7-9=-1478/178, 9-11=-1537/174, 11-13=-1537/174, 13-15=-1537/174, 15-16=-2462/130, 16-17=-2778/129, 4-6=-1076/0, 6-8=-1034/0, 8-10=-1018/15, 10-12=-1018/15, 12-14=-1034/0, 14-15=-1076/0
BOT CHORD 2-20=-75/2382, 19-20=-115/2514, 18-19=-115/2514, 17-18=-72/2440
WEBS 3-20=0/404, 9-19=0/404, 16-18=0/419, 9-10=0/606

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.

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) All plates are 1.5x4 MT20 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17 except (jt=lb) 2=100.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 170 lb down and 104 lb up at 5-0-0, and 160 lb down and 100 lb up at 17-0-0 on top chord, and 166 lb down and 52 lb up at 5-0-0, and 211 lb down and 40 lb up at 16-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

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January 10,2020

LOAD CASE(S) Standard

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LOAD CASE(S) Standard

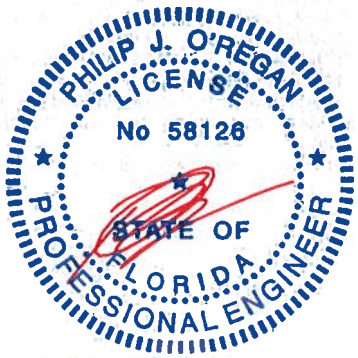
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25

Uniform Loads (plf)

Vert: 1-3=-60, 3-4=-60, 15-16=-60, 16-17=-60, 21-24=-20, 4-10=-60, 10-15=-60

Concentrated Loads (lb)

Vert: 3=-74(B) 16=-66(B) 20=-166(B) 19=-38(B) 18=-211(B) 10=-66(B) 8=-66(B) 6=-66(B) 12=-66(B) 14=-66(B) 27=-38(B) 28=-38(B) 29=-38(B) 30=-38(B)



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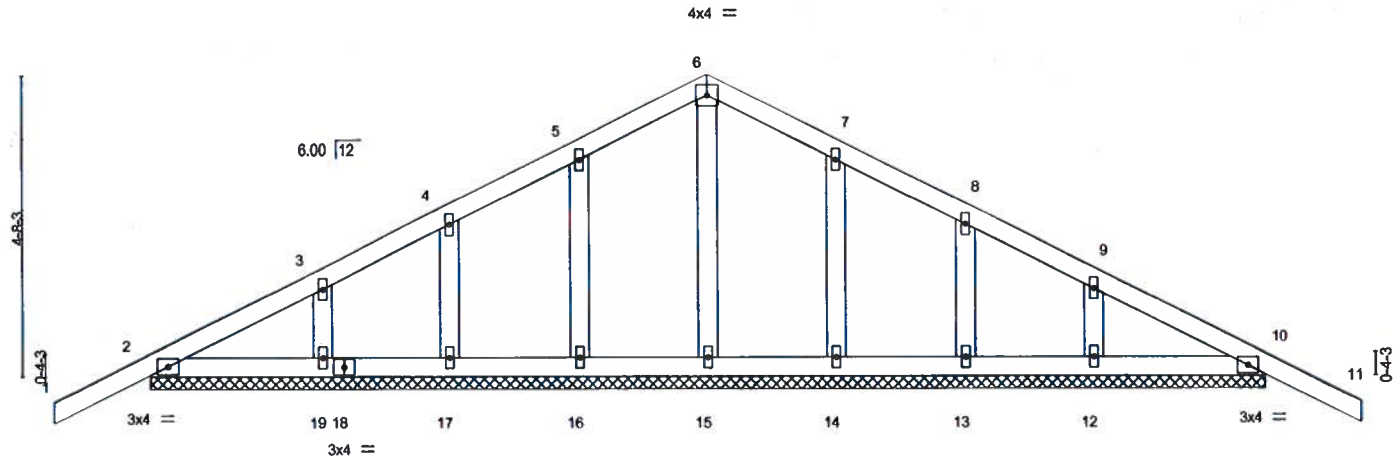
Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099203
Hickory_Cove_Lt_12	C1GE	Common Supported Gable	1	1	Job Reference (optional)	

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

8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:17:59 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-WLnTYB6YXz8nkvGYJmS1PWr9Afu3Sghgx6VnEczwohM

-1-6-0	8-8-0	17-4-0	18-10-0
1-6-0	8-8-0	8-8-0	1-6-0

Scale = 1:34.3



17-4-0
17-4-0

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	0.14	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 85 lb	FT = 0%

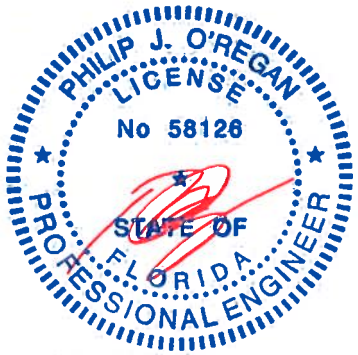
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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 17-4-0.
(lb) - Max Horz 2=84(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 17, 14, 13, 10
Max Grav All reactions 250 lb or less at joint(s) 2, 15, 16, 17, 19, 14, 13, 12, 10

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, 16, 17, 14, 13, 10.
10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 10.



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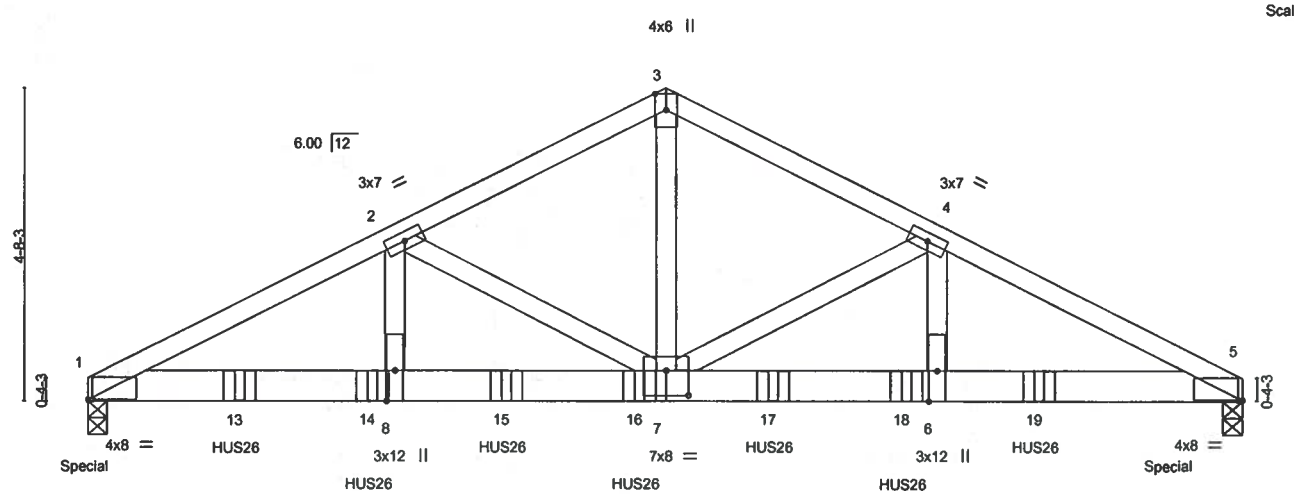
Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	C2GIR	Common Girder	1	2	T19099204
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:01 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-SjvEzt8o3aPV_CQxRBUVUxxL5TPkwPczPQ_tlUzwohK

4-7-4 | 8-8-0 | 12-8-12 | 17-4-0
4-7-4 | 4-0-12 | 4-0-12 | 4-7-4

Scale = 1:33.3



4-7-4 | 8-8-0 | 12-8-12 | 17-4-0
4-7-4 | 4-0-12 | 4-0-12 | 4-7-4

Plate Offsets (X,Y)— [1:0-0-12,0-0-1], [5:0-0-12,0-0-1], [7:0-4-0,0-4-8]

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	0.82	Vert(LL)	-0.14	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.27	7-8	>772	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.71	Horz(CT)	0.08	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 188 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 2-9-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=6820/0-3-8 (req. 0-4-0), 5=6266/0-3-8 (req. 0-3-11)
Max Horz 1=72(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-10767/0, 2-3=-7377/0, 3-4=-7379/0, 4-5=-10858/0
BOT CHORD 1-8=0/9618, 7-8=0/9618, 6-7=0/9707, 5-6=0/9707
WEBS 3-7=0/6295, 4-7=-3616/0, 4-6=0/3022, 2-7=-3514/0, 2-8=0/2951

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 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-8-0 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) 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) WARNING: Required bearing size at joint(s) 1, 5 greater than input bearing size.
8) Use HUS26 (With 14-16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-3-4 from the left end to 14-3-4 to connect truss(es) to back face of bottom chord.
9) Fill all nail holes where hanger is in contact with lumber.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1305 lb down at 0-0-0, and 1298 lb down at 16-3-4 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, 3-5=-60, 1-5=-20
Concentrated Loads (lb)
Vert: 1=-1305(B) 12=-1298(B) 13=-1298(B) 14=-1300(B) 15=-1300(B) 16=-1300(B) 17=-1300(B) 18=-1300(B) 19=-1298(B)

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January 10,2020

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	CJ1	Diagonal Hip Girder	4	1	T19099205
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:02 2020 Page 1
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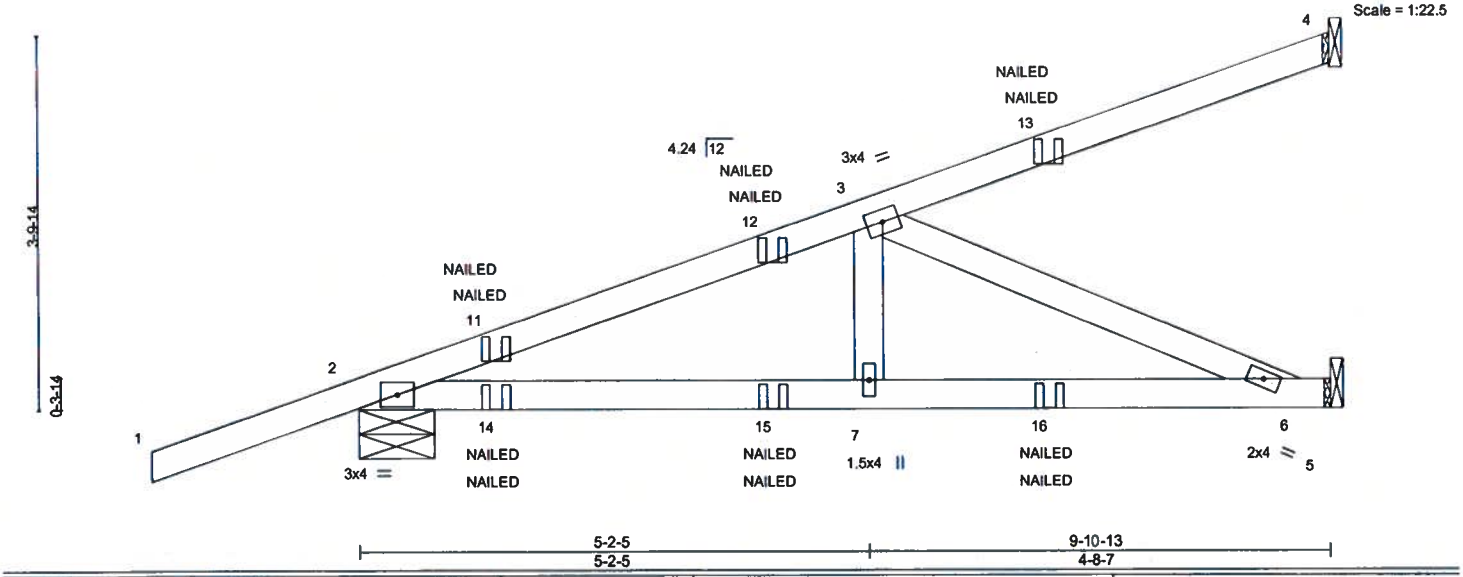
-2-1-7 / 2-1-7 | 5-2-5 / 5-2-5 | 9-10-13 / 4-8-7

Scale = 1:22.5



5-2-5 / 5-2-5 | 9-10-13 / 4-8-7

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)	0.05	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

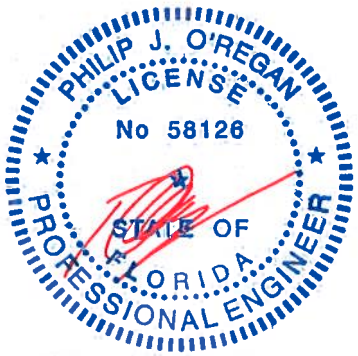
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=141/Mechanical, 2=477/0-9-2, 5=326/Mechanical
Max Horz 2=111(LC 8)
Max Uplift 4=-38(LC 8), 2=-179(LC 8), 5=-76(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-743/178
BOT CHORD 2-7=-210/673, 6-7=-210/673
WEBS 3-7=-52/268, 3-6=-731/228

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, 5 except (jt=lb) 2=179.
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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MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099206
Hickory_Cove_Lt_12	CJ2	Diagonal Hip Girder	3	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:02 2020 Page 1
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-2-1-7 / 2-1-7 | 3-9-6 / 3-9-6 | 7-0-14 / 3-3-8

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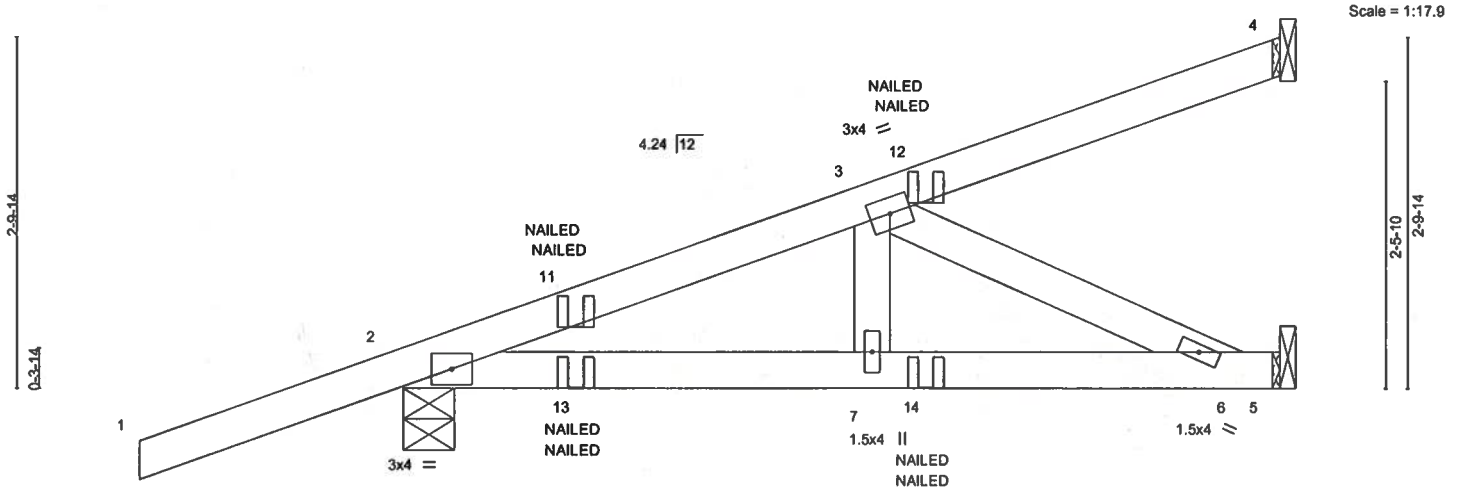


3-9-6 / 3-9-6 | 7-0-14 / 3-3-8

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	0.33	Vert(LL)	0.01	7-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	0.02	7-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.06	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 31 lb	FT = 0%

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

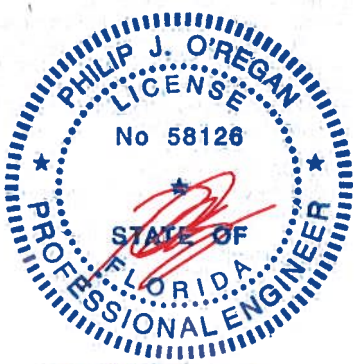
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=85/Mechanical, 2=334/0-4-15, 5=156/Mechanical
Max Horz 2=87(LC 24)
Max Uplift 4=-18(LC 8), 2=-144(LC 8), 5=-32(LC 5)
Max Grav 4=93(LC 17), 2=334(LC 1), 5=156(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-335/90
BOT CHORD 2-7=-112/293, 6-7=-112/293
WEBS 3-6=-323/123

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, 5 except (jt=lb) 2=144.
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=61(F=31, B=31) 14=-7(F=-3, B=-3)



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Date:

January 10,2020

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099207
Hickory_Cove_Lt_12	CJ3	Diagonal Hip Girder	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:03 2020 Page 1
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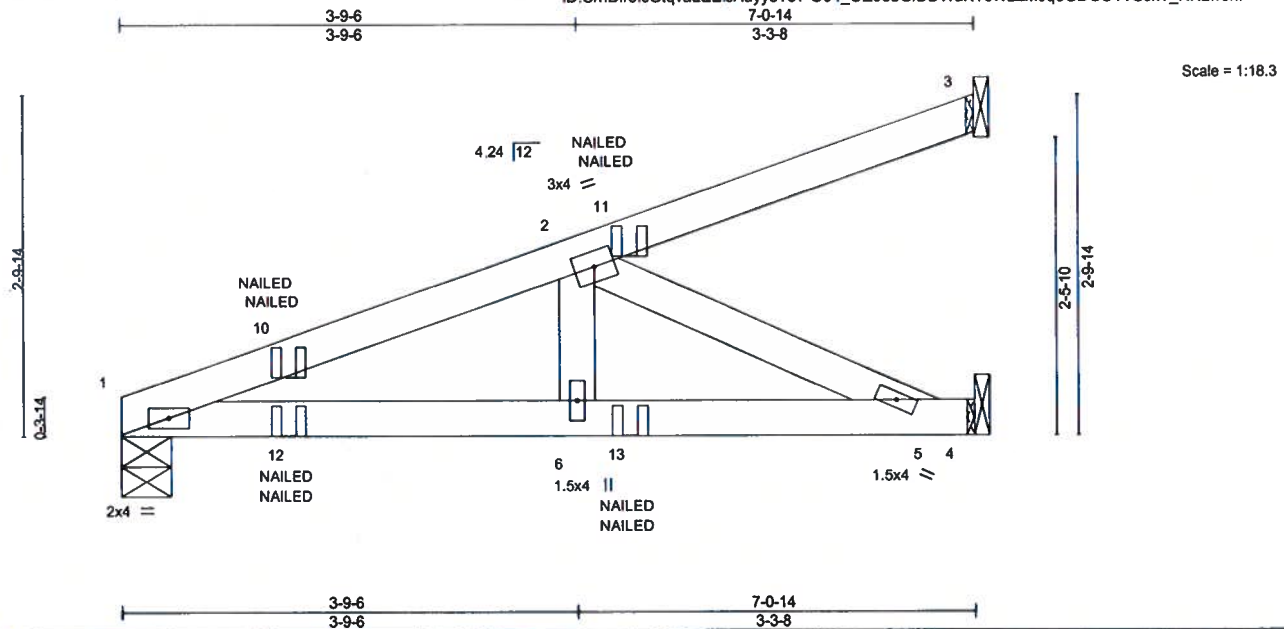

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.15	Vert(LL)	-0.01	6-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.02	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.08	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 28 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) 1=245/0-4-15, 3=79/Mechanical, 4=202/Mechanical
Max Horz 1=59(LC 8)
Max Uplift 1=-45(LC 8), 3=-17(LC 8), 4=-19(LC 8)
Max Grav 1=245(LC 1), 3=82(LC 17), 4=202(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-454/51
BOT CHORD 1-6=-86/419, 5-6=-86/419
WEBS 2-5=-461/95

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) 1, 3, 4.
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: 1-3=-60, 4-7=-20
Concentrated Loads (lb)
Vert: 10=28(F) 11=-0(B) 12=24(F=31, B=-7) 13=-17(F=-3, B=-13)

PHILIP J. O'REGAN LICENSE No 58126 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Date: January 10,2020

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099208
Hickory_Cove_Lt_12	D1GE	Common Supported Gable	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:04 2020 Page 1
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1-6-0 | 3-10-0 | 3-10-0 | 1-6-0

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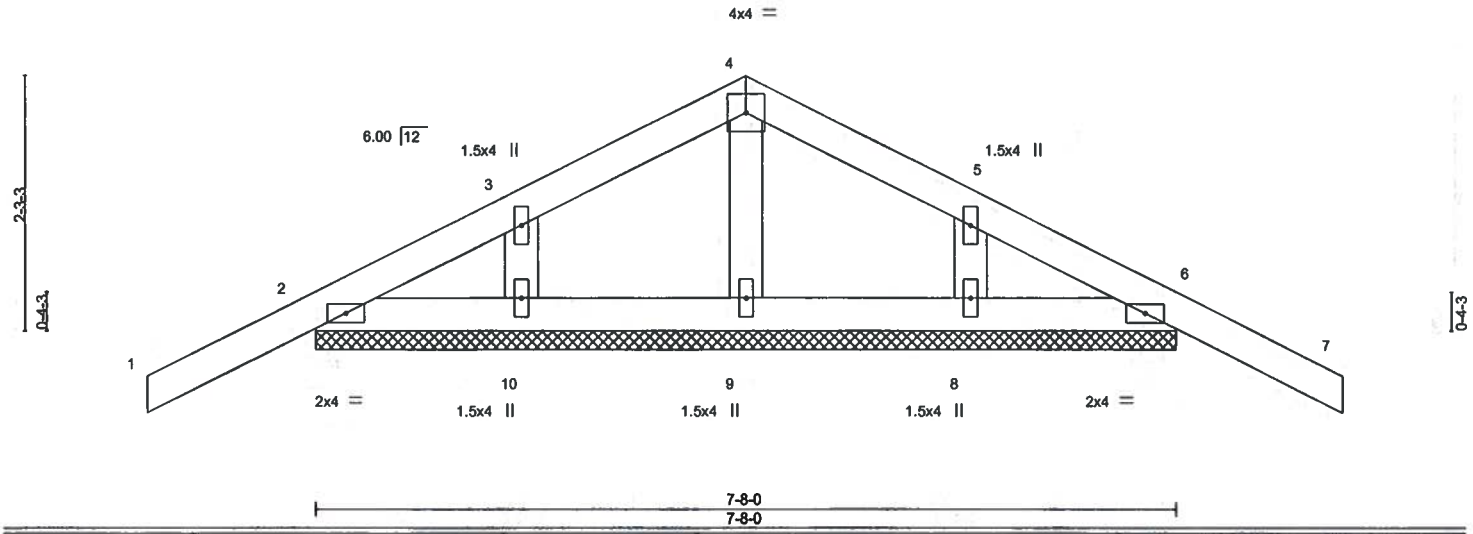

7-8-0
7-8-0

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	0.14	Vert(LL)	-0.01	7	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.02	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 34 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 7-8-0.
(lb) - Max Horz 2=44(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9, 10, 8

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, 6.
9) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 6.

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Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	D2	Common	1	1	T19099209
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:05 2020 Page 1
ID:CrhDir8IcGtqvaLEEisAayy3Te?-KV8IoEBJ6pvxTqkig1ZRen5Ai4visO5ZK2y5RGzwohG

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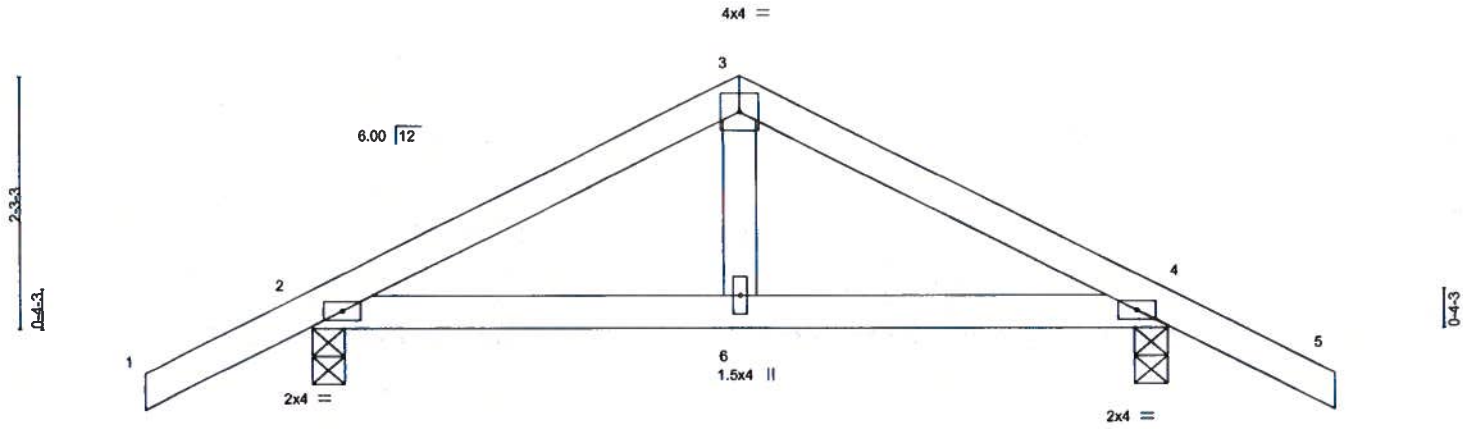
1-6-0	3-10-0	3-10-0	1-6-0

Scale = 1:19.8



3-10-0	7-8-0
3-10-0	3-10-0

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	0.14	Vert(LL)	-0.01	6-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	-0.01	6-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 32 lb	FT = 0%

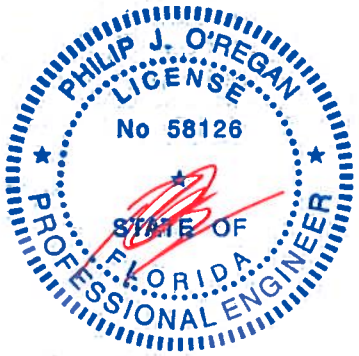
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 2=397/0-3-8, 4=397/0-3-8
Max Horz 2=44(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=-371/112, 3-4=-371/112
BOT CHORD 2-6=0/288, 4-6=0/288

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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January 10,2020

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Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099210
Hickory_Cove_Lt_12	D3GIR	Common Girder	1	2	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:06 2020 Page 1
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3-10-0 3-10-0

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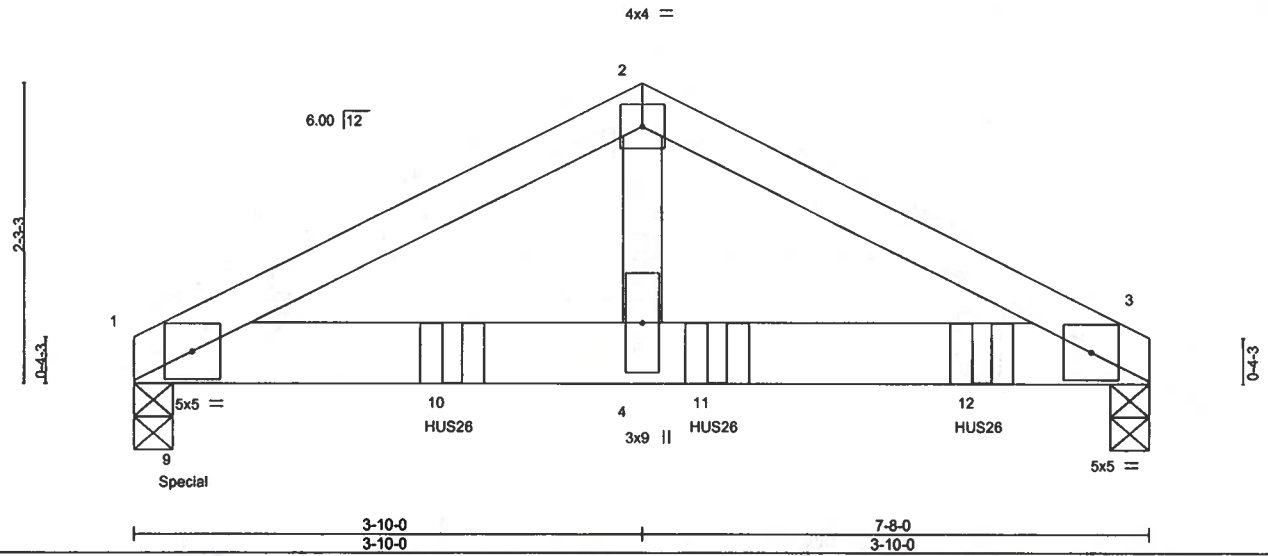

3-10-0 7-8-0
3-10-0 3-10-0

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	0.30	Vert(LL)	-0.03	4-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.06	4-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.35	Horz(CT)	0.02	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 67 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 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) 1=3209/0-3-8, 3=2610/0-3-8
Max Horz 1=-32(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3777/0, 2-3=-3774/0
BOT CHORD 1-4=0/3372, 3-4=0/3372
WEBS 2-4=0/3076

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 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-6-0 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) 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 HUS26 (With 14-16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-4-12 from the left end to 6-4-12 to connect truss(es) to back face of bottom chord.
8) Fill all nail holes where hanger is in contact with lumber.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1306 lb down at 0-4-12 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: 1-2=-60, 2-3=-60, 1-3=-20
Concentrated Loads (lb)
Vert: 9=-1306(B) 10=-1300(B) 11=-1300(B) 12=-1300(B)

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Date:

January 10,2020

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099211
Hickory_Cove_Lt_12	E1	Common	3	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:07 2020 Page 1
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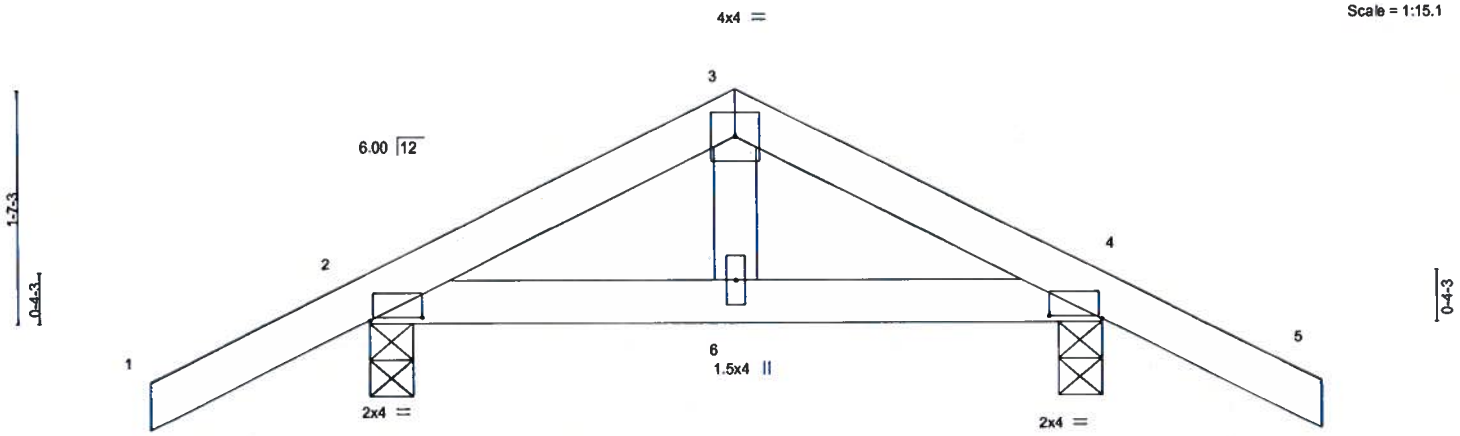
Scale = 1:15.1



2-6-0 / 2-6-0 | 5-0-0 / 2-6-0

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

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	6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.00	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 23 lb	FT = 0%

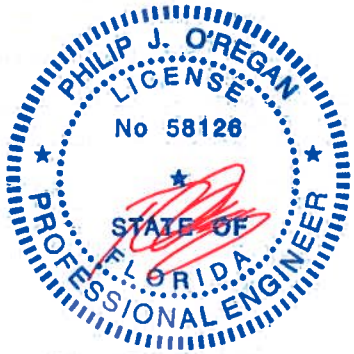
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 2=290/0-3-8, 4=290/0-3-8
Max Horz 2=33(LC 11)
Max Uplift 2=-80(LC 12), 4=-80(LC 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=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 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.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 10,2020

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099212
Hickory_Cove_Lt_12	E2	Common	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:07 2020 Page 1
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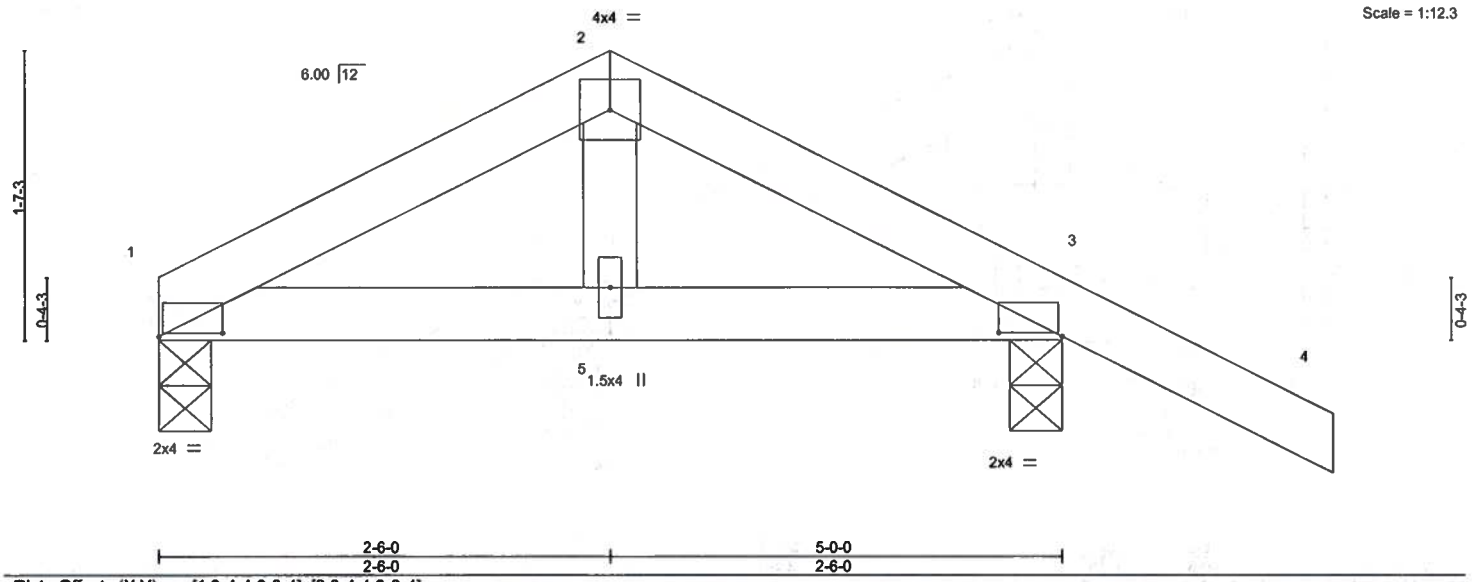

Plate Offsets (X,Y)— [1:0-4-4,0-0-4], [3:0-4-4,0-0-4]

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	8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	-0.00	5-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 20 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) 1=186/0-3-8, 3=303/0-3-8
Max Horz 1=-30(LC 10)
Max Uplift 1=-36(LC 12), 3=-87(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-231/251

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; porch 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) 1, 3.
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	Hickory Cove Lt 12	T19099213
Hickory_Cove_Lt_12	E3	Common	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:08 2020 Page 1
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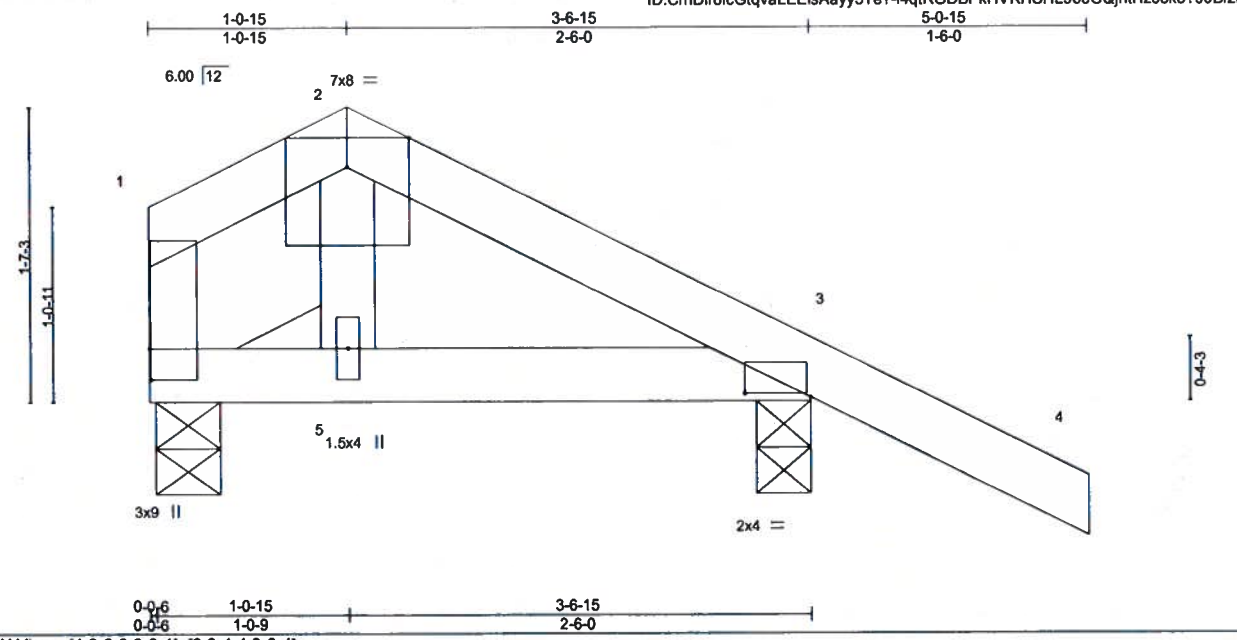


Scale: 1"=1'

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

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	5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	-0.00	12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 19 lb	FT = 0%

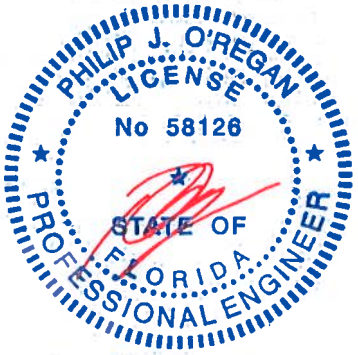
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x8 SP 2400F 2.0E 1-2-14

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=124/0-4-3, 3=252/0-3-8
Max Horz 1=-45(LC 12)
Max Uplift 1=-22(LC 12), 3=-76(LC 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=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 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) 1, 3.



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Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099214
Hickory_Cove_Lt_12	J1	Jack-Open	13	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:09 2020 Page 1
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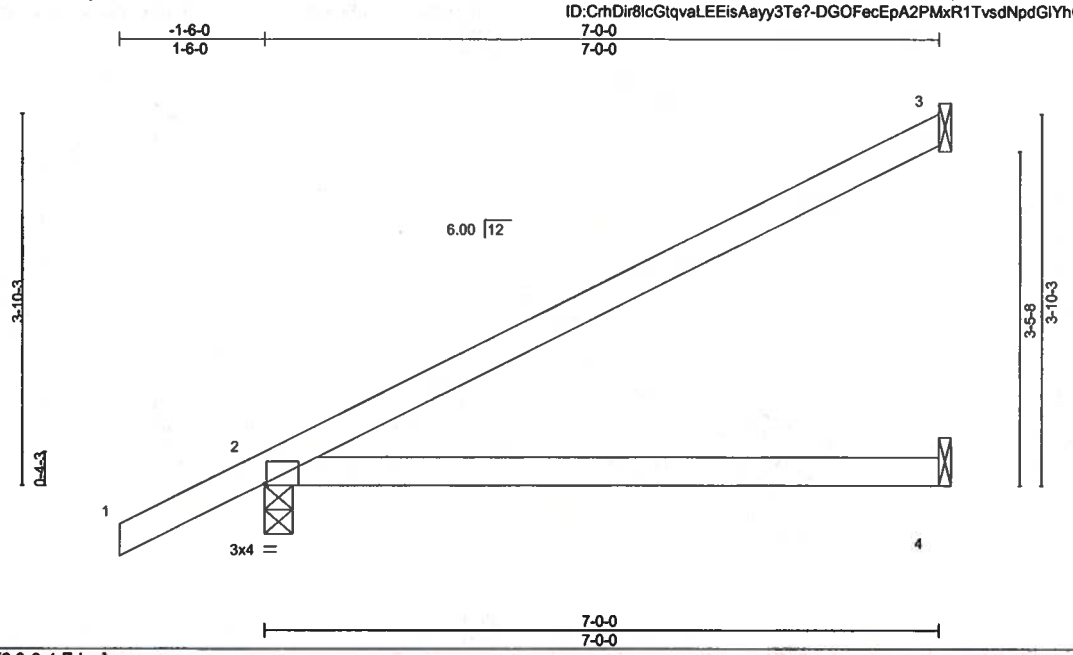

Plate Offsets (X,Y)-- [2:0-0-4,Edge]

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)	0.25	4-7	>333	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)	-0.01	3	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=-54(LC 12), 2=-81(LC 12), 4=-22(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; porch left 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.
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	Hickory Cove Lt 12	T19099215
Hickory_Cove_Lt_12	J1A	Jack-Open	14	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:10 2020 Page 1
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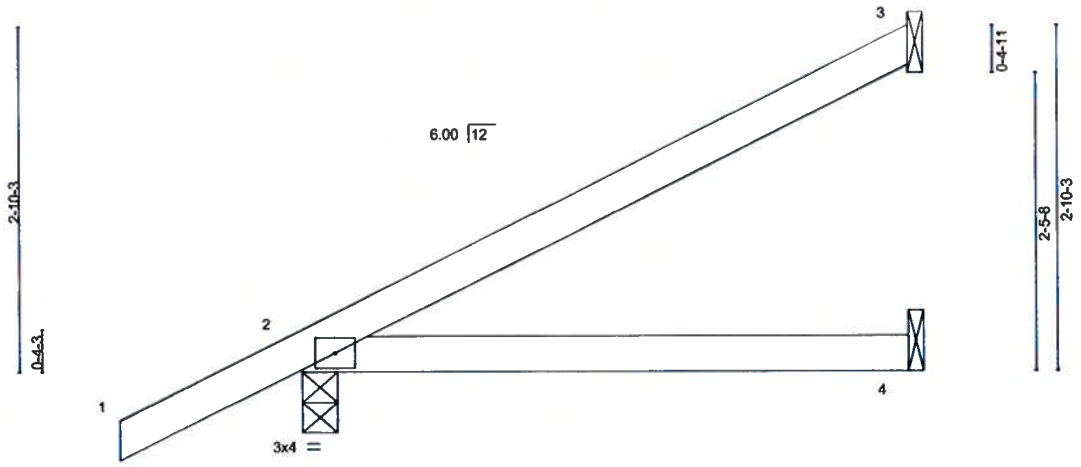
Scale = 1:18.2



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%

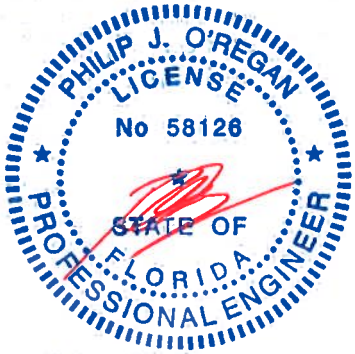
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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	Hickory Cove Lt 12	T19099216
Hickory_Cove_Lt_12	J1B	Jack-Closed	9	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:10 2020 Page 1
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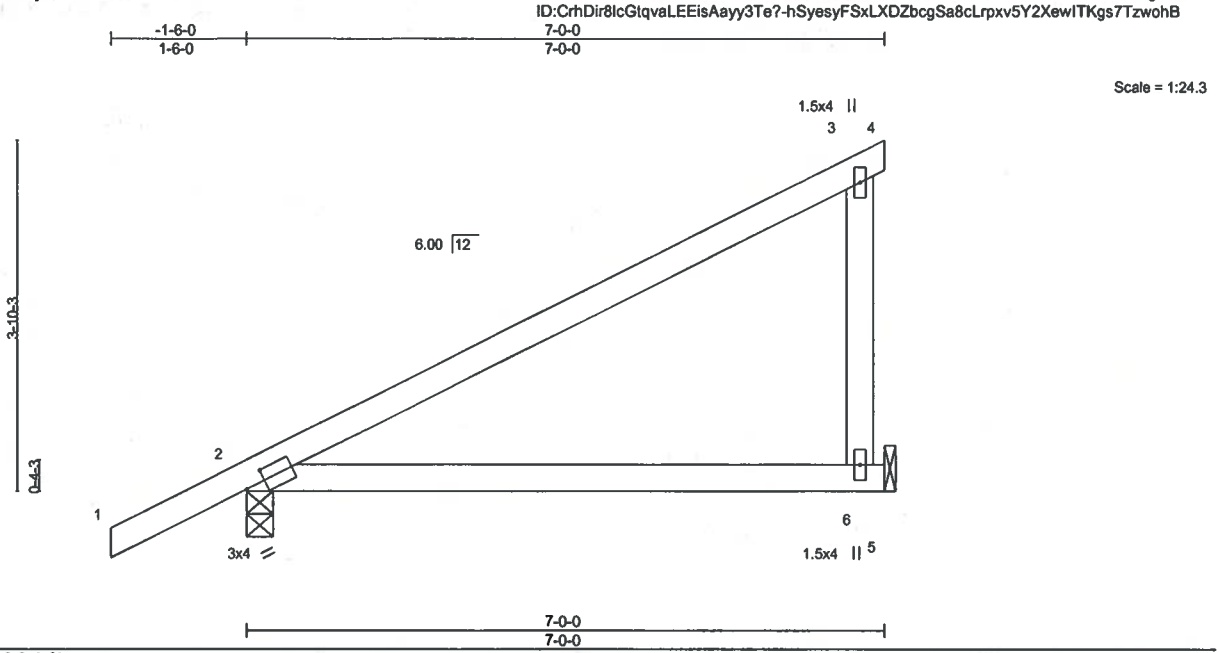


Plate Offsets (X,Y)-- [2:0-2-10,0-1-8]

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	0.56	Vert(LL)	0.22	6-9	>364	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.18	6-9	>437	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: 29 lb	FT = 0%

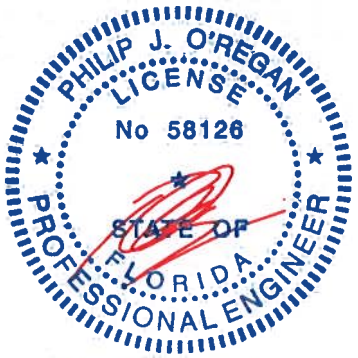
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 6=270/Mechanical, 2=369/0-3-8
Max Horz 2=114(LC 11)
Max Uplift 6=-56(LC 12), 2=-95(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; porch left 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) 6, 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	Hickory Cove Lt 12	T19099217
Hickory_Cove_Lt_12	J2	Jack-Open	7	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:11 2020 Page 1
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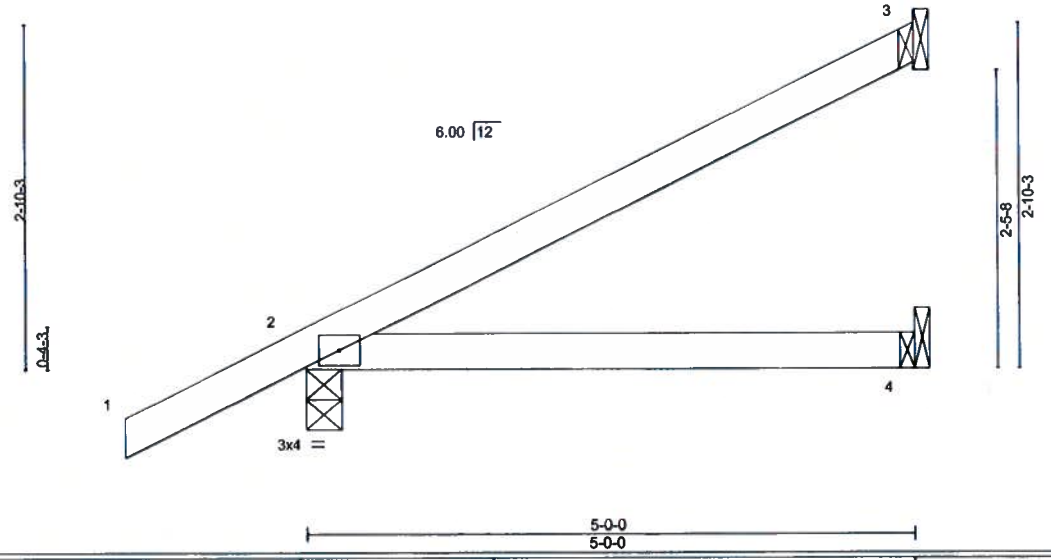
Scale = 1:18.2



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)	0.07	4-7	>905	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%

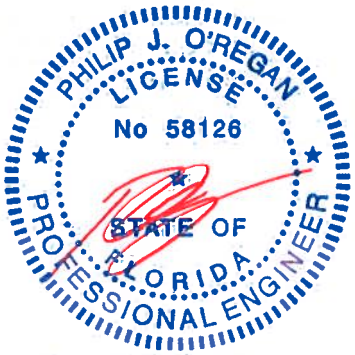
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=-36(LC 12), 2=-72(LC 12), 4=-14(LC 9)
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; porch left 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.
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	Hickory Cove Lt 12	T19099218
Hickory_Cove_Lt_12	J2A	Jack-Open	1	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:11 2020 Page 1
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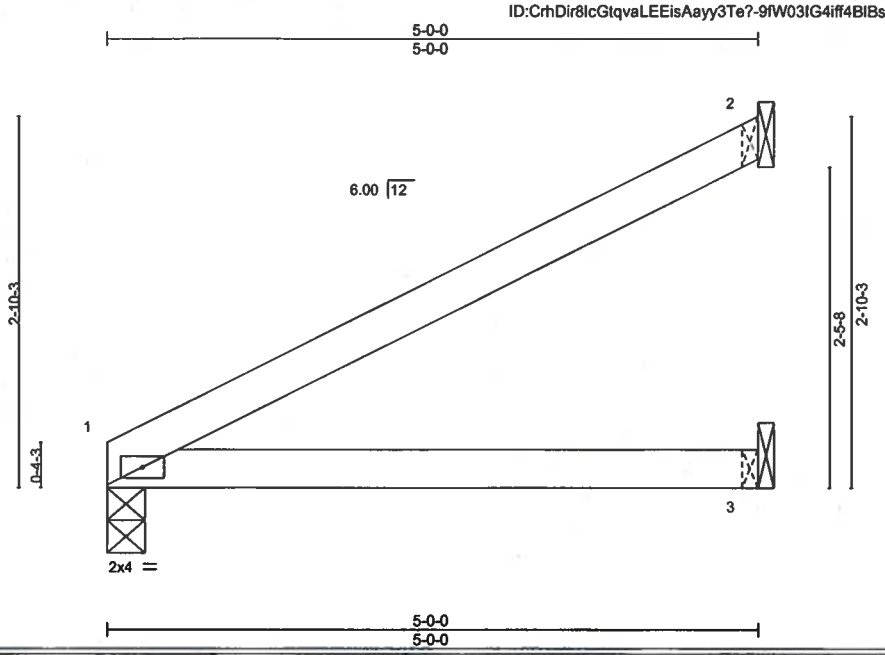


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	0.07	3-6	>801	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	-0.06	3-6	>968	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-AS							Weight: 16 lb	FT = 0%

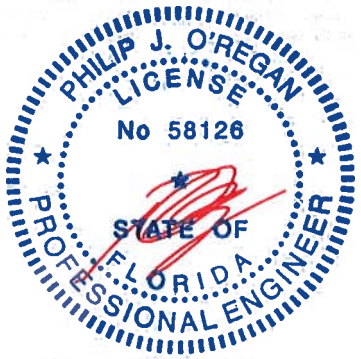
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (lb/size) 1=198/0-3-8, 2=133/Mechanical, 3=65/Mechanical
Max Horz 1=59(LC 12)
Max Uplift 1=-27(LC 12), 2=-40(LC 12), 3=-18(LC 12)
Max Grav 1=198(LC 1), 2=133(LC 1), 3=90(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; porch left 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) 1, 2, 3.
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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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 10,2020

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099219
Hickory_Cove_Lt_12	J3	Jack-Open	14	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:12 2020 Page 1
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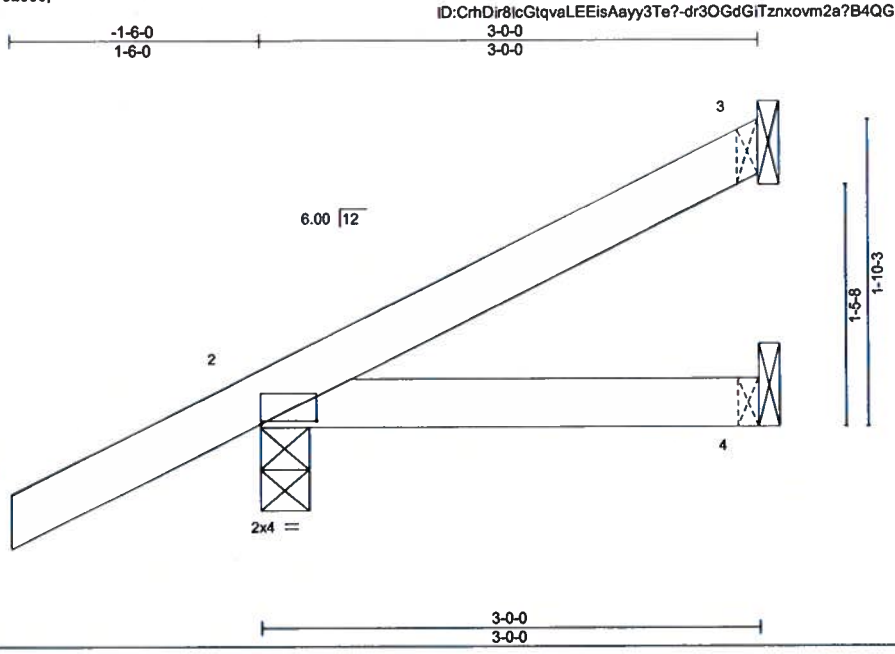


Plate Offsets (X,Y)-- [2:0-4-0,0-0-4]

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)	0.01	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%

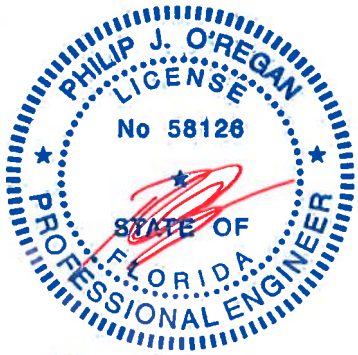
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=-17(LC 12), 2=-66(LC 12), 4=-9(LC 9)
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; porch left 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.



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Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099220
Hickory_Cove_Lt_12	J3A	Jack-Open	2	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:13 2020 Page 1
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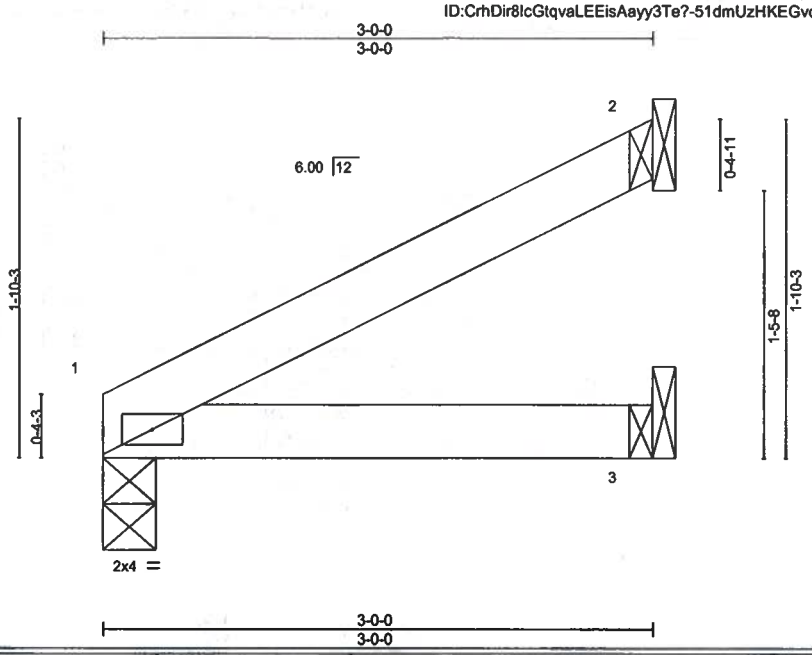


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.10	Vert(LL)	0.01	3-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	-0.01	3-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 10 lb	FT = 0%

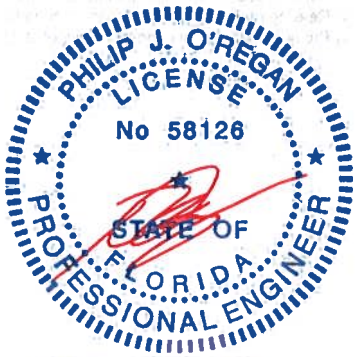
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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) 1=118/0-3-8, 2=76/Mechanical, 3=42/Mechanical
Max Horz 1=35(LC 12)
Max Uplift 1=-16(LC 12), 2=-23(LC 12), 3=-12(LC 12)
Max Grav 1=118(LC 1), 2=76(LC 1), 3=54(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; porch left 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) 1, 2, 3.



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Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12	T19099221
Hickory_Cove_Lt_12	J4	Jack-Open	14	1	Job Reference (optional)	

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:13 2020 Page 1
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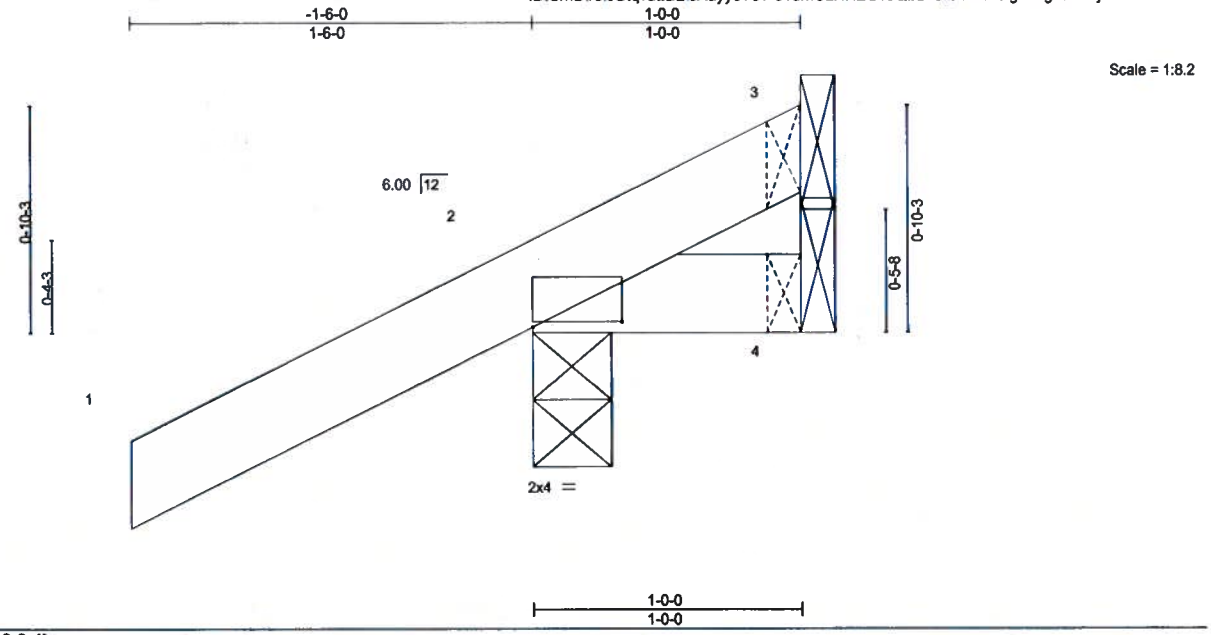


Plate Offsets (X,Y)-- [2:0-4-0,0-0-4]

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	0.02	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%

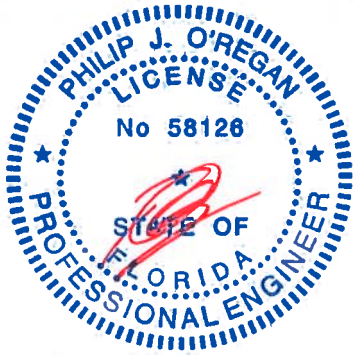
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=-80(LC 12), 4=-23(LC 17)
Max Grav 3=9(LC 12), 2=198(LC 1), 4=16(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; porch left 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.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Hickory Cove Lt 12
Hickory_Cove_Lt_12	J4A	Jack-Open	2	1	T19099222
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.240 s Dec 6 2019 MiTek Industries, Inc. Fri Jan 10 09:18:14 2020 Page 1
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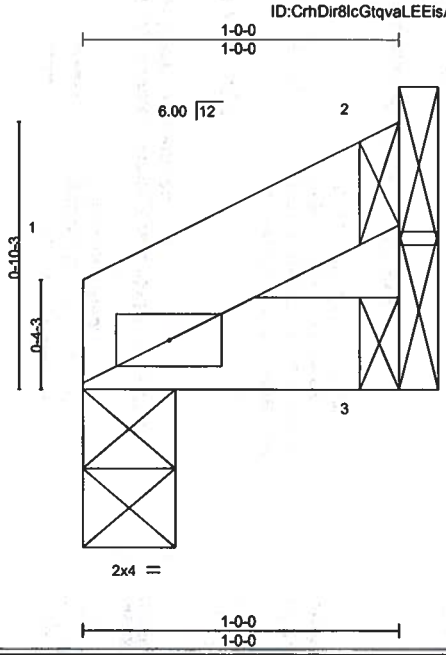


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.01	Vert(LL)	-0.00	6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	-0.00	6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 3 lb	FT = 0%

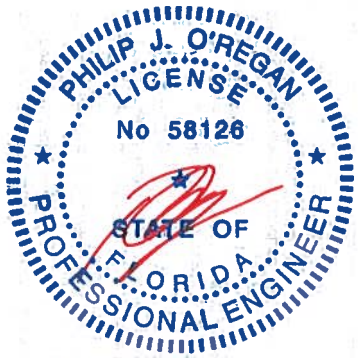
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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) 1=40/0-3-8, 2=22/Mechanical, 3=17/Mechanical
Max Horz 1=12(LC 12)
Max Uplift 1=-5(LC 12), 2=-7(LC 12), 3=-5(LC 12)
Max Grav 1=40(LC 1), 2=22(LC 1), 3=17(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; porch left 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) 1, 2, 3.



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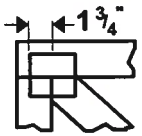
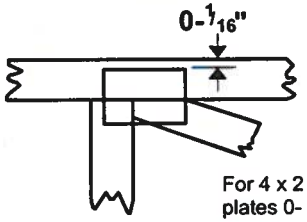
Symbols

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

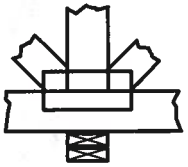
4 x 4

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

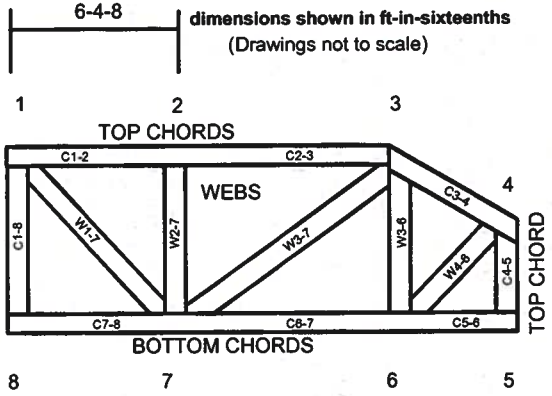


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.

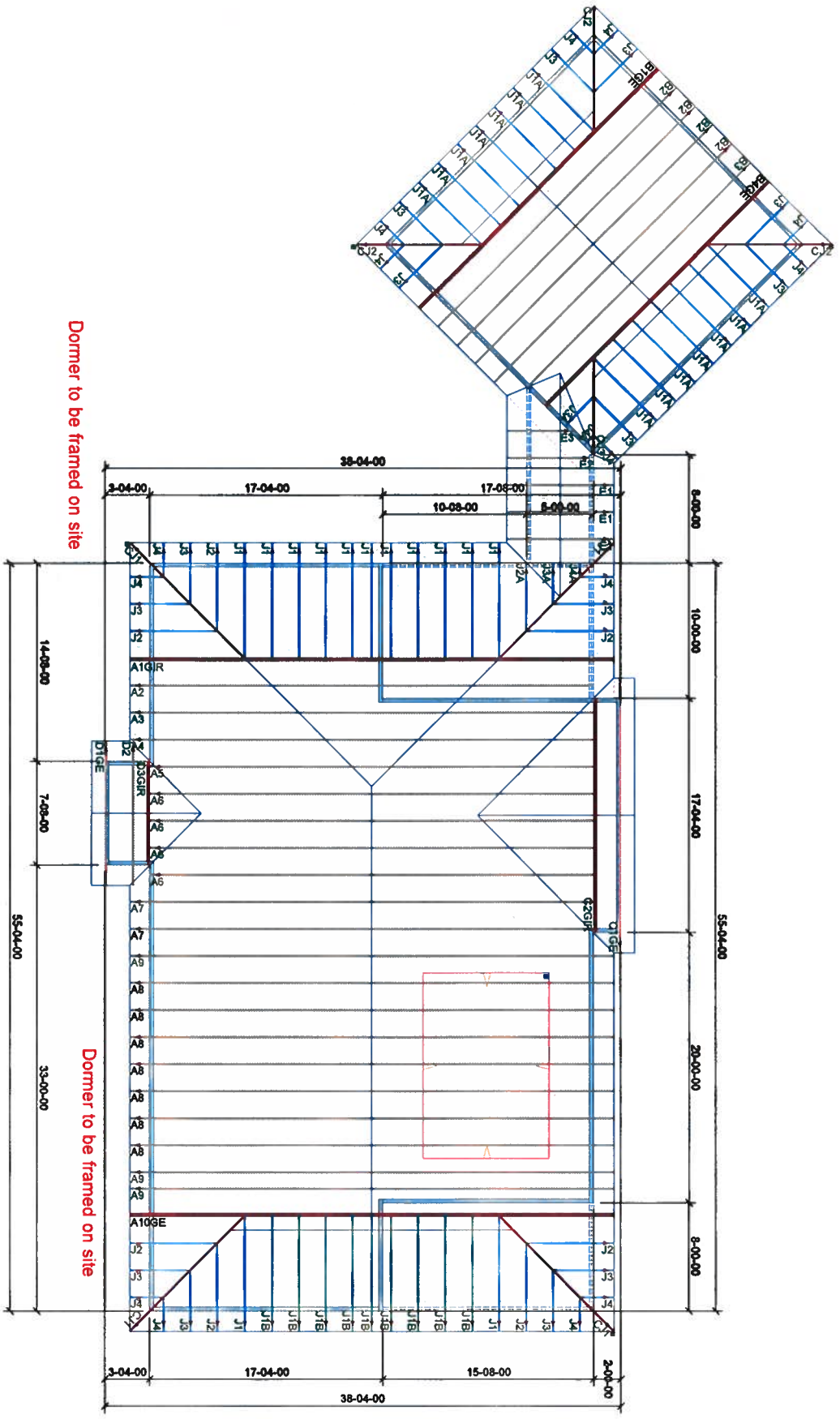
Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

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 Tor 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.



Hickory Cove Lt 12

	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: SCCI Date: 1/10/2020 Quote Date: / / Seal Date: / / Designer: Stephanie Ramírez Job Number: 1219-057	Mayo Truss Company Inc. Ph. (386) 294-3988 Fax (386) 294-3981 mayotruss@windstream.net

Mayo Truss Company, Inc,.
845 East US Hwy 27
Mayo, FL 32066
(386) 294-3988 Fax: (386) 294-3981

Project: Hickory Cove Lt 12 Block No:
Model: Lot No:

Contact:	Site:	Office:
Name:	Office	Office
Phone:	(386) 752-5152	
Fax:		

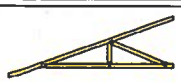
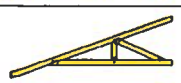
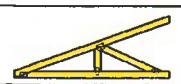
To:
SCCI
,

Deliver To:

Quotation

Job Number: **1219-057**
Page: 1
Date: 01/10/20 10:17:58

Account No: 000000048
Designer: Stephanie Ramírez
Estimator:
Salesperson: Inside Sales
Quote Number: 1219-057
P.O. Number:

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope	LOH	ROH	
	2	(1) 2-Ply **A10GE**	**33-00-00** 2 X 4 / 2 X 4	HIP GIRDER	6.00	01-06-00	01-06-00	
	2	(1) 2-Ply **A1GIR**	**33-00-00** 2 X 4 / 2 X 4	HIP GIRDER	6.00	01-06-00	01-06-00	
	1	**A2**	**33-00-00** 2 X 4 / 2 X 4	HIP	6.00	01-06-00		
	1	**A3**	**33-00-00** 2 X 4 / 2 X 4	HIP	6.00	01-06-00		
	1	**A4**	**33-00-00** 2 X 4 / 2 X 4	HIP	6.00	01-06-00		
	1	**A5**	**33-00-00** 2 X 4 / 2 X 4	HIP	6.00			
	4	**A6**	**33-00-00** 2 X 4 / 2 X 4	COMMON	6.00			
	2	**A7**	**33-00-00** 2 X 4 / 2 X 4	COMMON	6.00	01-06-00		
	7	**A8**	**30-08-00** 2 X 4 / 2 X 4	ROOF SPECIAL	6.00	01-06-00	01-06-00	
	3	**A9**	**33-00-00** 2 X 4 / 2 X 4	COMMON	6.00	01-06-00	01-06-00	
	2	(1) 2-Ply **B1GE**	**22-00-00** 2 X 4 / 2 X 4	HIP GIRDER	6.00	01-06-00	01-06-00	
	4	**B2**	**22-00-00** 2 X 4 / 2 X 4	COMMON	6.00	01-06-00	01-06-00	
	1	**B3**	**22-00-00** 2 X 4 / 2 X 4	COMMON	6.00	01-06-00		
	2	(1) 2-Ply **B4GE**	**22-00-00** 2 X 4 / 2 X 4	HIP GIRDER	6.00	01-06-00		
	1	**C1GE**	**17-04-00** 2 X 4 / 2 X 4	COMMON	6.00	01-06-00	01-06-00	
	2	(1) 2-Ply **C2GIR**	**17-04-00** 2 X 4 / 2 X 6	COMMON	6.00			
	4	**CJ1**	**09-10-13** 2 X 4 / 2 X 4	DIAGONAL HIP	4.24	02-01-07		
	3	**CJ2**	**07-00-14** 2 X 4 / 2 X 4	DIAGONAL HIP	4.24	02-01-07		
	1	**CJ3**	**07-00-14** 2 X 4 / 2 X 4	DIAGONAL HIP	4.24			
	1	**D1GE**	**07-08-00** 2 X 4 / 2 X 4	COMMON	6.00	01-06-00	01-06-00	

Mayo Truss Company, Inc,.
845 East US Hwy 27
Mayo, FL 32066
(386) 294-3988 Fax: (386) 294-3981

Project: Hickory Cove Lt 12 Block No:
Model: Lot No:

Contact:	Site:	Office:
Name:	Office	Office
Phone:	(386) 752-5152	
Fax:		

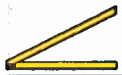
To:
SCCI

Deliver To:

Quotation

Job Number: **1219-057**
Page: 2
Date: 01/10/20 10:18:08

Account No: 000000048
Designer: Stephanie Ramírez
Estimator:
Salesperson: Inside Sales
Quote Number: 1219-057
P.O. Number:

Profile:	Qty:	Truss Id:	Span:	Truss Type:	Slope	LOH	ROH
	1	**D2**	**07-08-00** 2X4/2X4	COMMON	6.00	01-06-00	01-06-00
	2	(1) 2-Ply **D3GIR**	**07-08-00** 2X4/2X6	COMMON	6.00		
	3	**E1**	**05-00-00** 2X4/2X4	COMMON	6.00	01-06-00	01-06-00
	1	**E2**	**05-00-00** 2X4/2X4	COMMON	6.00		01-06-00
	1	**E3**	**03-06-15** 2X4/2X4	COMMON	6.00		01-06-00
	13	**J1**	**07-00-00** 2X4/2X4	JACK-OPEN	6.00	01-06-00	
	14	**J1A**	**05-00-00** 2X4/2X4	JACK-OPEN	6.00	01-06-00	
	9	**J1B**	**07-00-00** 2X4/2X4	JACK-CLOSED	6.00	01-06-00	
	7	**J2**	**05-00-00** 2X4/2X4	JACK-OPEN	6.00	01-06-00	
	1	**J2A**	**05-00-00** 2X4/2X4	JACK-OPEN	6.00		
	14	**J3**	**03-00-00** 2X4/2X4	JACK-OPEN	6.00	01-06-00	
	2	**J3A**	**03-00-00** 2X4/2X4	JACK-OPEN	6.00		
	14	**J4**	**01-00-00** 2X4/2X4	JACK-OPEN	6.00	01-06-00	
	2	**J4A**	**01-00-00** 2X4/2X4	JACK-OPEN	6.00		

Miscellaneous Items

Quantity:	Description:
13	HUS26
9	JUS24

ALL PRICES BASED ON CURRENT LUMBER PRICES AND ARE SUBJECT TO CHANGE WITHOUT NOTICE AFTER 30 DAYS.

MAYO TRUSS IS NOT RESPONSIBLE FOR CRANE SCHEDULING AND/OR FEES. MAYO TRUSS RESERVES THE RIGHT TO DETERMINE WHETHER THE SITE FOR DELIVERY REQUESTED BY THE PURCHASER IS SUITABLE FOR SUCH DELIVERY AND MAYO TRUSS MAY REFUSE TO DELIVER TO A SITE IF MAYO TRUSS IS OF THE OPINION THAT DELIVERY WOULD BE UNSUITABLE OR UNSAFE. THE PURCHASER SHALL BE RESPONSIBLE FOR ALL COSTS AND DAMAGES INCURRED WHERE ADEQUATE ACCESS FOR DELIVERY CANNOT BE OBTAINED.

We require a $250 deposit for sealed truss engineering. This cost is included in the quoted price for those that will require it.

7.000%	$310.75
Selling Price	**$4,750.00**

CREDIT/DEBIT CARD TRANSACTIONS ARE LIMITED TO AN AMOUNT OF $250

Total Truss Count: 129