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

RE: Gonzalez - Gonzalez

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

Site Information:

Customer Info: DON LITTLE CONST. Project Name: GONZALEZ 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):

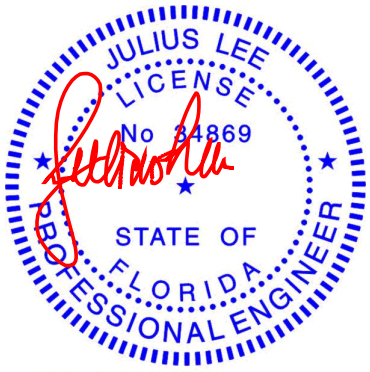
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.4
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 40.0 psf Floor Load: N/A psf

This package includes 92 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	T26436688	A01	1/5/22	23	T26436710	D03	1/5/22
2	T26436689	A02	1/5/22	24	T26436711	D04GE	1/5/22
3	T26436690	A03	1/5/22	25	T26436712	G01	1/5/22
4	T26436691	A3A	1/5/22	26	T26436713	G02	1/5/22
5	T26436692	A04	1/5/22	27	T26436714	H01	1/5/22
6	T26436693	A05	1/5/22	28	T26436715	H02	1/5/22
7	T26436694	A06	1/5/22	29	T26436716	H03	1/5/22
8	T26436695	B01	1/5/22	30	T26436717	H3A	1/5/22
9	T26436696	B02	1/5/22	31	T26436718	H04	1/5/22
10	T26436697	B03	1/5/22	32	T26436719	H05	1/5/22
11	T26436698	B04	1/5/22	33	T26436720	H06	1/5/22
12	T26436699	B05	1/5/22	34	T26436721	H07	1/5/22
13	T26436700	C01	1/5/22	35	T26436722	H08	1/5/22
14	T26436701	C02	1/5/22	36	T26436723	H09	1/5/22
15	T26436702	C03	1/5/22	37	T26436724	H10	1/5/22
16	T26436703	C04	1/5/22	38	T26436725	H11	1/5/22
17	T26436704	CJ01	1/5/22	39	T26436726	H12	1/5/22
18	T26436705	CJ02	1/5/22	40	T26436727	H12GE	1/5/22
19	T26436706	CJ03	1/5/22	41	T26436728	H13	1/5/22
20	T26436707	CJ04	1/5/22	42	T26436729	H14	1/5/22
21	T26436708	D01	1/5/22	43	T26436730	H15	1/5/22
22	T26436709	D02	1/5/22	44	T26436731	J01	1/5/22

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: Lee, Julius
My license renewal date for the state of Florida is February 28, 2023.



Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: January 5,2022

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.

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

RE: Gonzalez - Gonzalez

Site Information:

Customer Info: DON LITTLE CONST. Project Name: GONZALEZ Model: .
Lot/Block: . Subdivision: .
Address: ., .
City: LAKE CITY State: FL

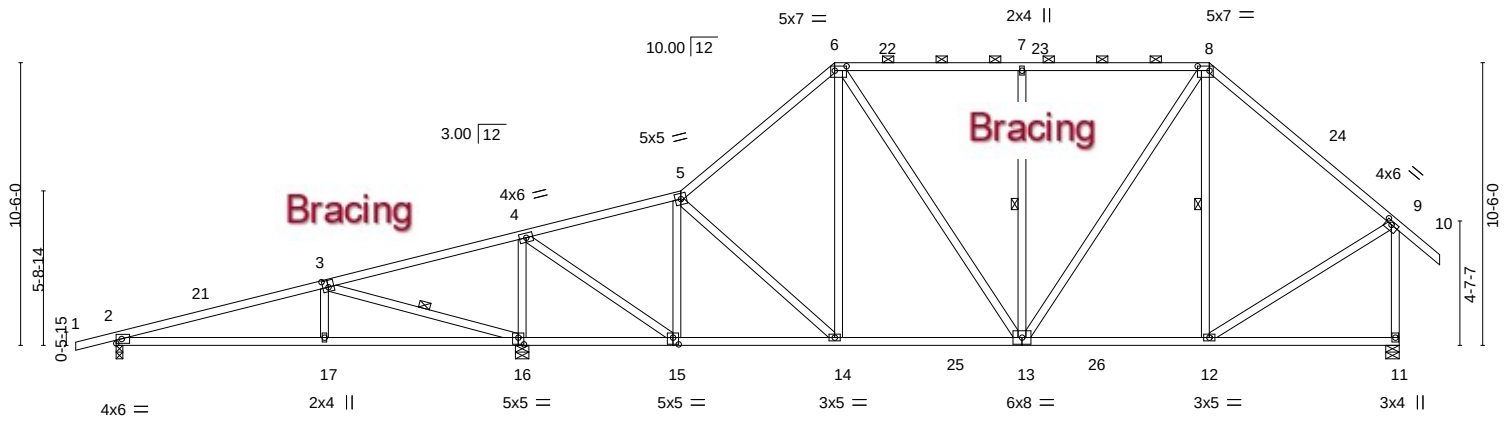
No.	Seal#	Truss Name	Date
45	T26436732	J02	1/5/22
46	T26436733	J03	1/5/22
47	T26436734	J04	1/5/22
48	T26436735	J05	1/5/22
49	T26436736	J06	1/5/22
50	T26436737	J07	1/5/22
51	T26436738	J08	1/5/22
52	T26436739	J09	1/5/22
53	T26436740	J10	1/5/22
54	T26436741	J11	1/5/22
55	T26436742	J12	1/5/22
56	T26436743	J13	1/5/22
57	T26436744	J14	1/5/22
58	T26436745	J15	1/5/22
59	T26436746	J16	1/5/22
60	T26436747	J17	1/5/22
61	T26436748	K01	1/5/22
62	T26436749	K02	1/5/22
63	T26436750	K03	1/5/22
64	T26436751	K04	1/5/22
65	T26436752	L01	1/5/22
66	T26436753	L02	1/5/22
67	T26436754	L3GE	1/5/22
68	T26436755	M01	1/5/22
69	T26436756	M02	1/5/22
70	T26436757	M03	1/5/22
71	T26436758	M05	1/5/22
72	T26436759	M06	1/5/22
73	T26436760	M07	1/5/22
74	T26436761	M08	1/5/22
75	T26436762	M09	1/5/22
76	T26436763	M10	1/5/22
77	T26436764	N01	1/5/22
78	T26436765	N1GE	1/5/22
79	T26436766	N02	1/5/22
80	T26436767	PB01	1/5/22
81	T26436768	PB02	1/5/22
82	T26436769	PB03	1/5/22
83	T26436770	PB04	1/5/22
84	T26436771	PB06	1/5/22
85	T26436772	PB07	1/5/22
86	T26436773	PB08	1/5/22
87	T26436774	PB9A	1/5/22
88	T26436775	PB10	1/5/22
89	T26436776	PB10A	1/5/22
90	T26436777	PB11	1/5/22
91	T26436778	PB12	1/5/22
92	T26436779	PB13	1/5/22

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	A01	PIGGYBACK BASE	2	1	T26436688
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:11:53 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-_RzQ30892ID1fAAf9mcvzbK0iI?jgGpdWU11clzylaa

1-6-0	7-8-14	15-1-0	20-11-12	26-8-5	33-7-13	40-7-5	47-8-0	49-2-0
1-6-0	7-8-14	7-4-2	5-10-12	5-8-9	6-11-8	6-11-8	7-0-11	1-6-0

Scale = 1:85.6



7-8-14	15-1-0	20-11-12	26-8-5	33-7-13	40-7-5	47-8-0
7-8-14	7-4-2	5-10-12	5-8-9	6-11-8	6-11-8	7-0-11

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

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	0.73	Vert(LL)	-0.15	13-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.25	13-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.04	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 300 lb	FT = 20%

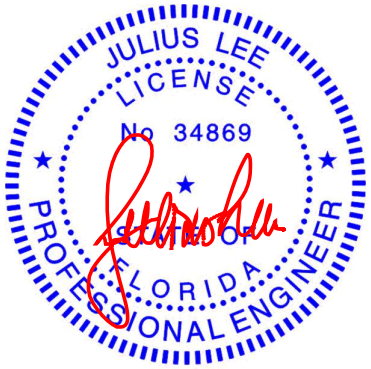
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-3-0 max.): 6-8.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 3-16, 7-13, 8-12

REACTIONS. (size) 2=0-3-0, 16=0-6-0, 11=0-6-0
Max Horz 2=255(LC 11)
Max Uplift 2=-50(LC 12), 11=-42(LC 12)
Max Grav 2=535(LC 21), 16=2411(LC 17), 11=1506(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-658/62, 3-4=-55/788, 4-5=-993/221, 5-6=-1348/289, 6-7=-1094/302, 7-8=-1094/302, 8-9=-1162/242, 9-11=-1405/255
BOT CHORD 2-17=-69/617, 16-17=-74/600, 15-16=-645/81, 14-15=-152/1011, 13-14=-63/1039, 12-13=-30/809
WEBS 3-17=0/358, 3-16=-1246/64, 4-16=-1858/263, 4-15=-149/1823, 5-15=-881/147, 6-14=0/346, 6-13=-41/271, 7-13=-461/148, 8-13=-81/560, 9-12=0/907

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=48ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -1-6-0 to 3-3-3, Interior(1) 3-3-3 to 26-8-5, Exterior(2R) 26-8-5 to 33-7-13, Interior(1) 33-7-13 to 40-7-5, Exterior(2R) 40-7-5 to 47-6-4, Interior(1) 47-6-4 to 49-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 11.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 5,2022

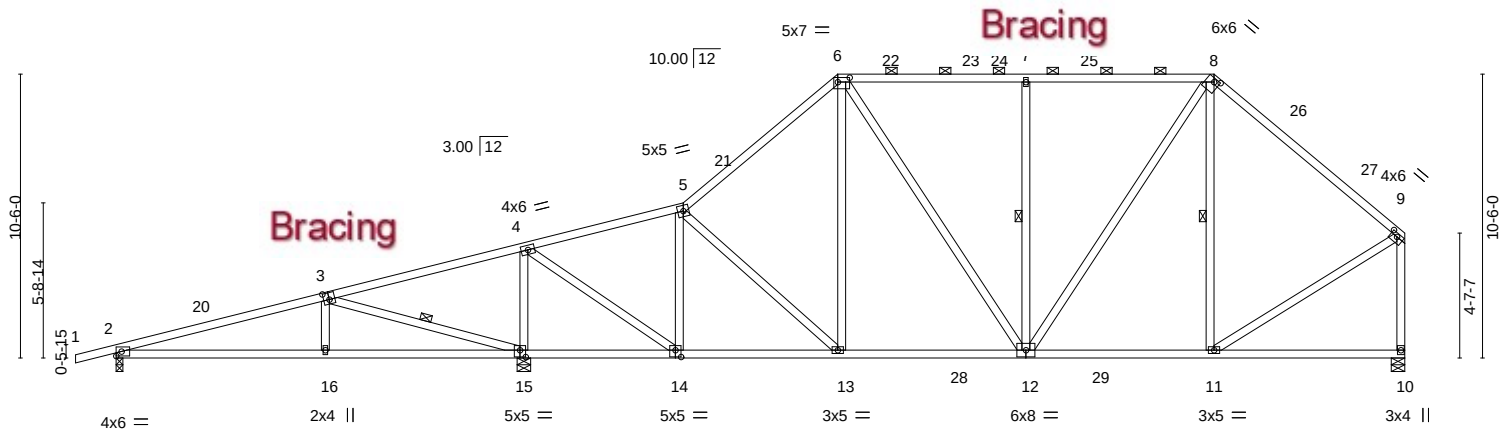
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	A02	PIGGYBACK BASE	3	1	T26436689
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:11:55 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-wq5ATi9PavTluUK2GBfN20QMC6hB8AJw_oW8hdzylaY

1-6-0	7-8-14	15-1-0	20-11-12	26-8-5	33-7-13	40-7-5	47-8-0
1-6-0	7-8-14	7-4-2	5-10-12	5-8-9	6-11-8	6-11-8	7-0-11

Scale = 1:85.2



7-8-14	15-1-0	20-11-12	26-8-5	33-7-13	40-7-5	47-8-0
7-8-14	7-4-2	5-10-12	5-8-9	6-11-8	6-11-8	7-0-11

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [6:0-5-4,0-2-0], [8:0-2-8,0-1-8], [9:0-3-0,0-1-8], [14:0-2-8,0-3-0], [15:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.73	Vert(LL)	-0.15	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.25	12-13	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.04	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 297 lb	FT = 20%

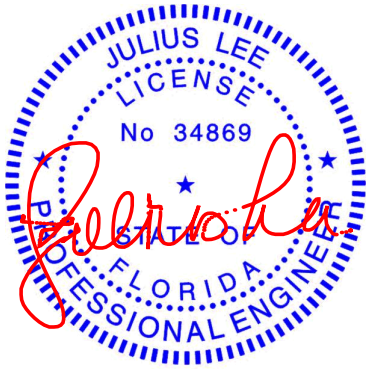
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-2-11 max.): 6-8.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 3-15, 7-12, 8-11

REACTIONS. (size) 2=0-3-0, 15=0-6-0, 10=0-6-0
Max Horz 2=244(LC 11)
Max Uplift 2=-44(LC 12), 10=-3(LC 12)
Max Grav 2=535(LC 21), 15=2412(LC 17), 10=1411(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-654/41, 3-4=-82/781, 4-5=-992/193, 5-6=-1348/261, 6-7=-1096/274, 7-8=-1096/274, 8-9=-1160/209, 9-10=-1310/180
BOT CHORD 2-16=-107/610, 15-16=-112/593, 14-15=-640/54, 13-14=-180/1004, 12-13=-107/1031, 11-12=-77/805
WEBS 3-16=0/358, 3-15=-1245/65, 4-15=-1858/257, 4-14=-138/1822, 5-14=-881/141, 6-13=0/346, 6-12=-29/273, 7-12=-461/130, 8-12=-68/556, 9-11=-38/901

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=48ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -1-6-0 to 3-3-3, Interior(1) 3-3-3 to 26-8-5, Exterior(2R) 26-8-5 to 31-5-8, Interior(1) 31-5-8 to 40-7-5, Exterior(2R) 40-7-5 to 45-4-8, Interior(1) 45-4-8 to 47-6-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Julius Lee PE No.34869
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

January 5,2022

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	A03	PIGGYBACK BASE GIRDE	1	2	T26436690

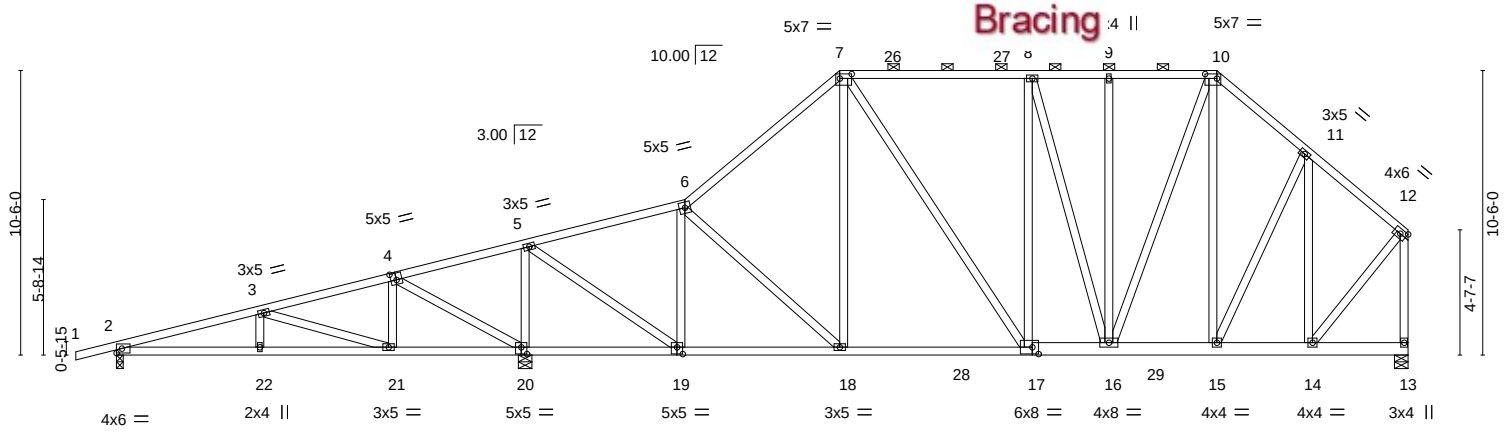
Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:11:57 2022 Page 1

ID:FkMa410i7OeiPvfO?O_7uqy4V_T-sDDxuOBf5XjT8nUROchr7RVodvQjc7NDR6?ElWzylaW

1-6-0	5-3-8	10-2-4	15-1-0	20-11-12	26-8-5	33-7-13	36-7-8	40-7-5	43-11-15	47-8-0
1-6-0	5-3-8	4-10-12	4-10-12	5-10-12	5-8-9	6-11-8	2-11-11	3-11-13	3-4-9	3-8-1

Scale = 1:85.0



5-3-8	10-2-4	15-1-0	20-11-12	26-8-5	33-7-13	36-7-8	40-7-5	43-11-15	47-8-0
5-3-8	4-10-12	4-10-12	5-10-12	5-8-9	6-11-8	2-11-11	3-11-13	3-4-9	3-8-1

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [7:0-5-4,0-2-0], [10:0-5-4,0-2-0], [17:0-2-12,0-3-0], [19:0-2-8,0-3-0], [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	0.35	Vert(LL)	-0.08	17-18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.15	17-18	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.28	Horz(CT)	0.02	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 720 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
13-17: 2x6 SP No.2
WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-10.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 20-21,19-20.

REACTIONS. (size) 2=0-3-0, 20=0-6-0, 13=0-6-0
Max Horz 2=242(LC 7)
Max Uplift 2=-58(LC 32), 20=-100(LC 8), 13=-171(LC 8)
Max Grav 2=452(LC 15), 20=2941(LC 36), 13=2100(LC 37)

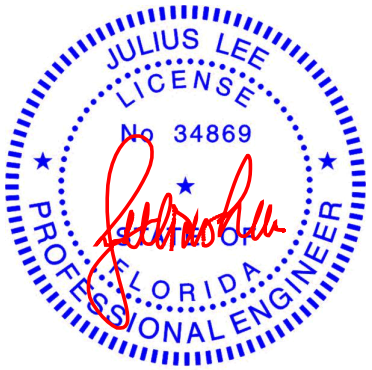
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-727/73, 3-4=-121/396, 4-5=-15/1216, 5-6=-1162/133, 6-7=-1785/220, 7-8=-1715/279, 8-9=-1752/298, 9-10=-1752/298, 10-11=-1725/280, 11-12=-1327/182, 12-13=-2041/192
BOT CHORD 2-22=-90/708, 21-22=-90/708, 20-21=-398/66, 19-20=-1018/54, 18-19=-105/1170, 17-18=-92/1352, 16-17=-147/1725, 15-16=-107/1255, 14-15=-68/964
WEBS 3-21=-895/27, 4-21=0/458, 4-20=-886/0, 5-20=-2323/161, 5-19=-101/2515, 6-19=-1283/120, 6-18=0/257, 7-18=0/272, 7-17=-124/815, 8-17=-596/140, 10-15=-484/112, 11-15=-91/702, 11-14=-1066/111, 12-14=-85/1479, 10-16=-176/1369, 8-16=-332/314

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, 2x6 - 2 rows staggered 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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=48ft; eave=6ft; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 20=100, 13=171.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2



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Date: January 5,2022

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NOTES-

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1247 lb down and 271 lb up at 36-7-8 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: 1-6=-60, 6-7=-60, 7-10=-60, 10-12=-60, 13-23=-20
   Concentrated Loads (lb)
   Vert: 16=-1247(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	A3A	PIGGYBACK BASE	3	1	T26436691
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:03 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-hNaC9RGQhNUdsixaksoFNilklKRy0nJ6q2SZzAzylaQ

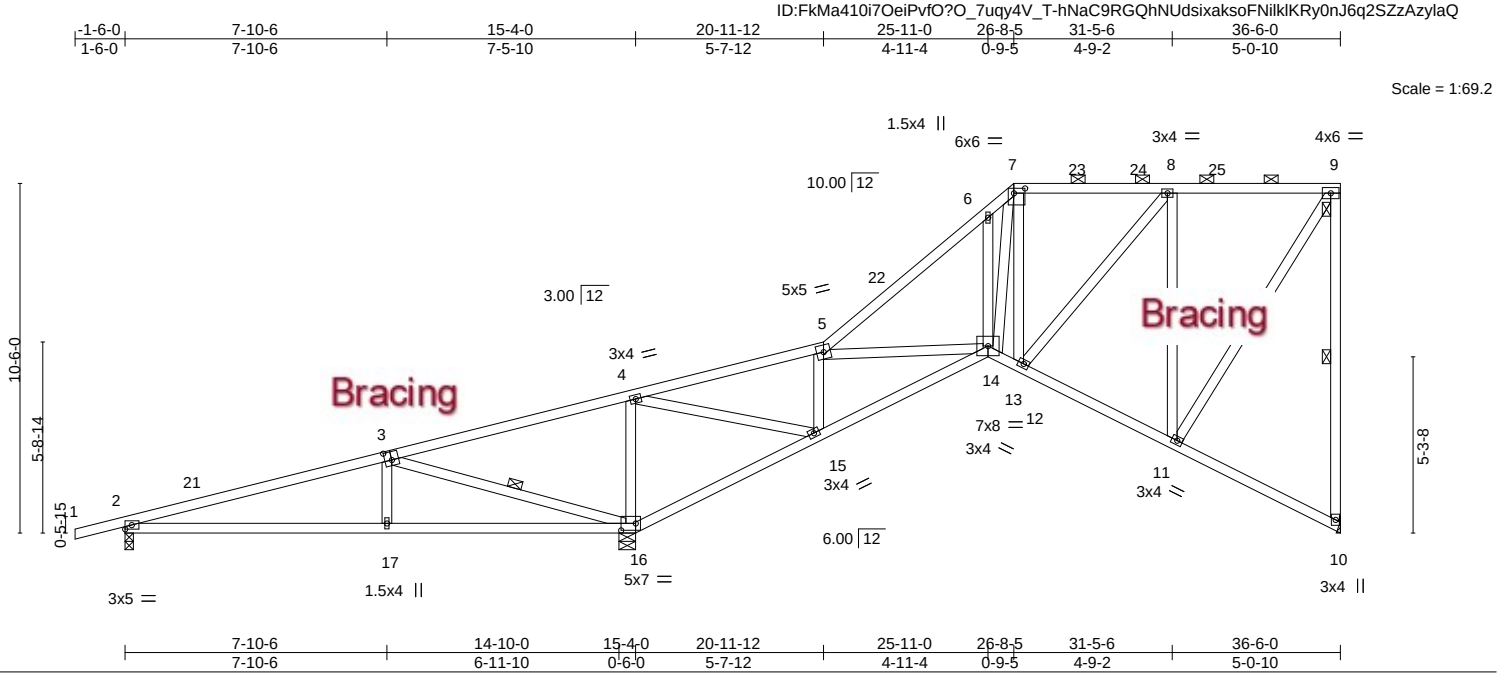


Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [7:0-4-0,0-1-12], [16:0-5-4,0-2-8]

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	0.76	Vert(LL)	-0.10	17-20	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.21	17-20	>879	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 226 lb	FT = 20%

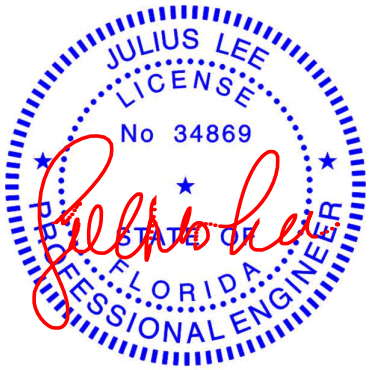
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-9.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 9-10, 3-16

REACTIONS. (size) 10=Mechanical, 2=0-3-0, 16=0-6-0
Max Horz 2=296(LC 11)
Max Uplift 10=-23(LC 9), 2=-47(LC 8)
Max Grav 10=659(LC 1), 2=458(LC 1), 16=1881(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-428/110, 3-4=-395/956, 4-5=-370/82, 5-6=-879/154, 6-7=-788/289, 7-8=-516/147, 8-9=-319/133, 9-10=-616/158
BOT CHORD 15-16=-1014/64, 14-15=-252/390, 13-14=-187/423, 12-13=-366/697, 11-12=-191/401
WEBS 3-17=0/350, 3-16=-1117/92, 4-16=-1007/248, 4-15=-218/1184, 5-15=-726/213, 5-14=-125/307, 7-13=-493/839, 7-12=-465/321, 8-12=-197/336, 8-11=-551/273, 9-11=-159/582

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=37ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -1-6-0 to 2-1-13, Interior(1) 2-1-13 to 26-8-5, Exterior(2R) 26-8-5 to 30-4-2, Interior(1) 30-4-2 to 36-4-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10, 2.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	A04	PIGGYBACK BASE GIRDE	1	2	T26436692

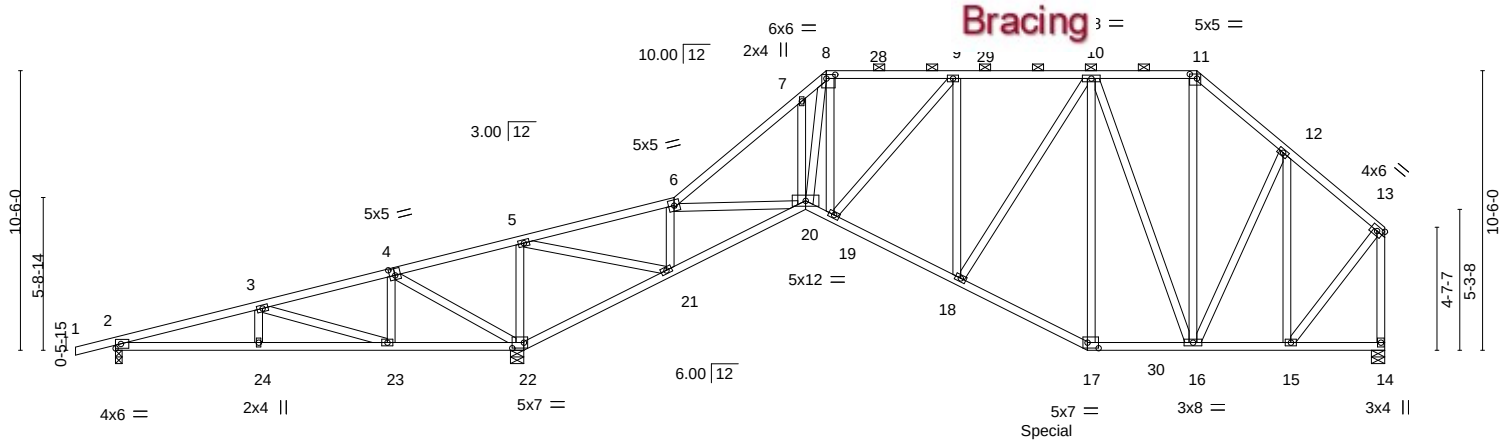
Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:11:59 2022 Page 1

ID:FkMa410i7OeiPvfO?O_7uqy4V_T-pbKhJ4Cwd8_BN5epV1jJDsa66j8_4zhWvQULqPzylaU

1-6-0	5-4-8	10-4-4	15-4-0	20-11-12	25-11-0	26-8-5	31-7-2	36-6-0	40-7-5	43-11-15	47-8-0
1-6-0	5-4-8	4-11-12	4-11-12	5-7-12	4-11-4	0-9-5	4-10-14	4-10-14	4-1-5	3-4-9	3-8-1

Scale = 1:86.5



5-4-8	10-4-4	14-10-0	15-4-0	20-11-12	25-11-0	26-8-5	31-7-2	36-6-0	40-7-5	43-11-15	47-8-0
5-4-8	4-11-12	4-5-12	0-6-0	5-7-12	4-11-4	0-9-5	4-10-14	4-10-14	4-1-5	3-4-9	3-8-1

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [8:0-4-0,0-1-12], [11:0-3-4,0-2-0], [17:0-5-0,0-2-8], [22:0-5-4,0-2-8]

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	0.48	Vert(LL)	-0.07	20-21	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.13	20-21	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.55	Horz(CT)	0.08	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 674 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 8-11.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 2=0-3-0, 22=0-6-0, 14=0-6-0
Max Horz 2=244(LC 7)
Max Uplift 2=-150(LC 28), 22=-119(LC 8), 14=-162(LC 8)
Max Grav 2=300(LC 14), 22=3364(LC 36), 14=1899(LC 37)

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

TOP CHORD 2-3=-283/751, 3-4=-211/1529, 4-5=-106/2386, 5-6=-591/79, 6-7=-2619/173, 7-8=-2655/266, 8-9=-1745/174, 9-10=-1731/252, 10-11=-1146/230, 11-12=-1528/271, 12-13=-1191/178, 13-14=-1844/184

BOT CHORD 2-24=-709/141, 23-24=-709/141, 22-23=-1377/111, 21-22=-2536/142, 20-21=-129/726, 19-20=-169/1981, 18-19=-180/2014, 17-18=-195/1753, 16-17=-162/1521, 15-16=-63/852

WEBS 3-23=-1054/31, 4-23=0/482, 4-22=-917/0, 5-22=-1612/121, 5-21=-88/2824, 6-21=-1826/139, 6-20=-79/1415, 7-20=-306/138, 8-20=-183/1504, 8-19=-115/294, 9-18=-412/129, 10-18=-54/532, 10-17=-311/607, 10-16=-1238/177, 11-16=-127/764, 12-16=-83/605, 12-15=-945/101, 13-15=-77/1319

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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=48ft; eave=6ft; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) All plates are 3x5 MT20 unless otherwise indicated.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=150, 22=119, 14=162.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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NOTES-

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1226 lb down and 270 lb up at 36-6-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-6=-60, 6-8=-60, 8-11=-60, 11-13=-60, 22-25=-20, 20-22=-20, 17-20=-20, 14-17=-20
   Concentrated Loads (lb)
   Vert: 17=-1226(F)

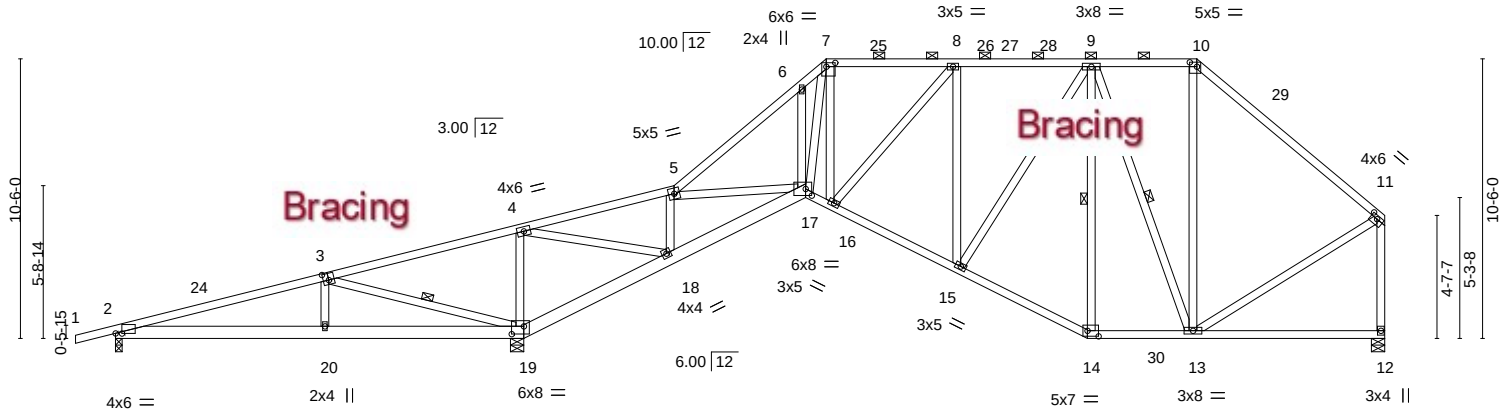
Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	A05	PIGGYBACK BASE	3	1	T26436693
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:00 2022 Page 1

ID:FkMa410i7OeiPvfO?O_7uqy4V_T-Hou3XQDYOS62?FC?3kEYl37B57RTpRPf74DvMrzylaT

1-6-0	7-10-6	15-4-0	20-11-12	25-11-0	26-8-5	31-7-2	36-6-0	40-7-5	47-8-0
1-6-0	7-10-6	7-5-10	5-7-12	4-11-4	0-9-5	4-10-14	4-10-14	4-1-5	7-0-11

Scale = 1:86.5



7-10-6	14-10-0	15-4-0	20-11-12	25-11-0	26-8-5	31-7-2	36-6-0	40-7-5	47-8-0
7-10-6	6-11-10	0-6-0	5-7-12	4-11-4	0-9-5	4-10-14	4-10-14	4-1-5	7-0-11

Plate Offsets (X,Y)-- [2:0-2-14,0-0-1], [3:0-2-8,0-3-0], [7:0-4-0,0-1-12], [10:0-3-4,0-2-0], [11:0-3-0,0-1-8], [14:0-5-0,0-2-8], [17:0-2-12,0-3-0], [19:0-5-8,0-3-8]

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	0.85	Vert(LL)	-0.09	17	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.16	17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.12	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 334 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 2-19,17-19: 2x6 SP No.2
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-4-9 max.): 7-10.
BOT CHORD	Rigid ceiling directly applied.
WEBS	1 Row at midpt 3-19, 9-14, 9-13

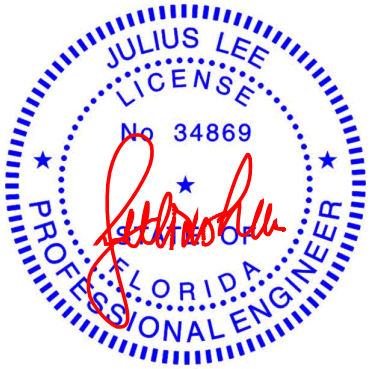
REACTIONS. (size) 2=0-3-0, 19=0-6-0, 12=0-6-0
Max Horz 2=244(LC 11)
Max Uplift 2=-61(LC 8), 12=-5(LC 12)
Max Grav 2=298(LC 21), 19=2800(LC 17), 12=1228(LC 18)

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

TOP CHORD	2-3=-265/541, 3-4=-301/1906, 4-5=-379/94, 5-6=-1761/263, 6-7=-1767/413, 7-8=-1162/242, 8-9=-1053/237, 9-10=-700/225, 10-11=-985/198, 11-12=-1111/166
BOT CHORD	2-20=-513/74, 19-20=-525/71, 18-19=-1997/202, 17-18=-135/485, 16-17=-124/1306, 15-16=-135/1259, 14-15=-104/942, 13-14=-84/808
WEBS	3-20=0/388, 3-19=-1340/90, 4-19=-1346/266, 4-18=-267/2128, 5-18=-1298/254, 5-17=-62/963, 6-17=-258/232, 7-17=-289/995, 8-15=-408/116, 9-15=-44/528, 9-14=-279/78, 9-13=-442/50, 10-13=0/315, 11-13=-25/711

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=48ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -1-6-0 to 3-3-3, Interior(1) 3-3-3 to 26-8-5, Exterior(2R) 26-8-5 to 33-5-3, Interior(1) 33-5-3 to 40-7-5, Exterior(2E) 40-7-5 to 47-6-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 12.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	A06	PIGGYBACK BASE	2	1	T26436694
					Job Reference (optional)

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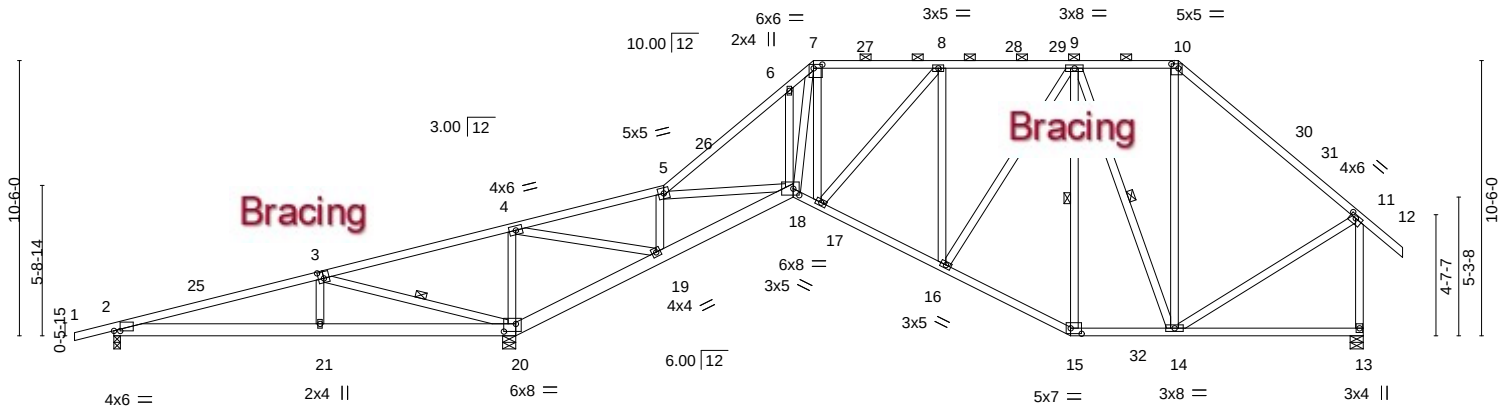
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-DA0qx5Fow3MmEZMOB9H0qUCXcw6xHLwybOi?RjzylaR

1-6-0	7-10-6	15-4-0	20-11-12	25-11-0	26-8-5	31-7-2	36-6-0	40-7-5	47-8-0	49-2-0
1-6-0	7-10-6	7-5-10	5-7-12	4-11-4	0-9-5	4-10-14	4-10-14	4-1-5	7-0-11	1-6-0

Scale = 1:87.9



7-10-6	14-10-0	15-4-0	20-11-12	25-11-0	26-8-5	31-7-2	36-6-0	40-7-5	47-8-0
7-10-6	6-11-10	0-6-0	5-7-12	4-11-4	0-9-5	4-10-14	4-10-14	4-1-5	7-0-11

Plate Offsets (X,Y)-- [2:0-2-14,0-0-1], [3:0-2-8,0-3-0], [7:0-4-0,0-1-12], [10:0-3-4,0-2-0], [11:0-2-12,0-1-8], [15:0-5-0,0-2-8], [18:0-2-12,0-3-0], [20:0-5-8,0-3-8]

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	0.85	Vert(LL)	-0.09	18	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.16	18	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.12	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 337 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except* 2-20,18-20: 2x6 SP No.2
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (5-4-9 max.): 7-10.
BOT CHORD	Rigid ceiling directly applied.
WEBS	1 Row at midpt 3-20, 9-15, 9-14

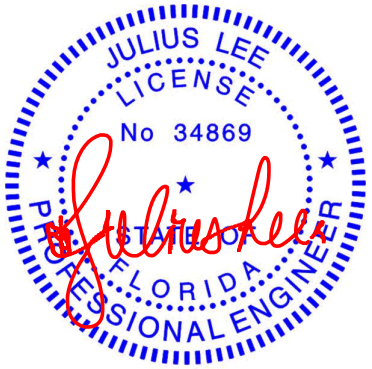
REACTIONS. (size) 2=0-3-0, 20=0-6-0, 13=0-6-0
Max Horz 2=255(LC 11)
Max Uplift 2=-66(LC 8), 13=-47(LC 12)
Max Grav 2=298(LC 21), 20=2801(LC 17), 13=1323(LC 18)

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

TOP CHORD	2-3=-179/547, 3-4=-211/1917, 4-5=-379/113, 5-6=-1762/206, 6-7=-1769/355, 7-8=-1161/211, 8-9=-1050/243, 9-10=-697/252, 10-11=-988/222, 11-13=-1207/225
BOT CHORD	2-21=-511/76, 20-21=-522/72, 19-20=-1994/187, 18-19=-67/491, 17-18=-14/1321, 16-17=-50/1268, 15-16=-38/948, 14-15=-25/814
WEBS	3-21=0/388, 3-20=-1340/86, 4-20=-1348/235, 4-19=-194/2132, 5-19=-1300/205, 5-18=-10/972, 6-18=-259/230, 7-18=-218/1005, 8-16=-413/81, 9-16=-13/533, 9-15=-277/50, 9-14=-445/46, 10-14=0/318, 11-14=0/716

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=48ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -1-6-0 to 3-3-3, Interior(1) 3-3-3 to 26-8-5, Exterior(2R) 26-8-5 to 31-7-2, Interior(1) 31-7-2 to 40-7-5, Exterior(2R) 40-7-5 to 45-4-8, Interior(1) 45-4-8 to 49-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 13.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

January 5,2022

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	B01	PIGGYBACK BASE GIRDE	1	2	T26436695

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:12 2022 Page 1

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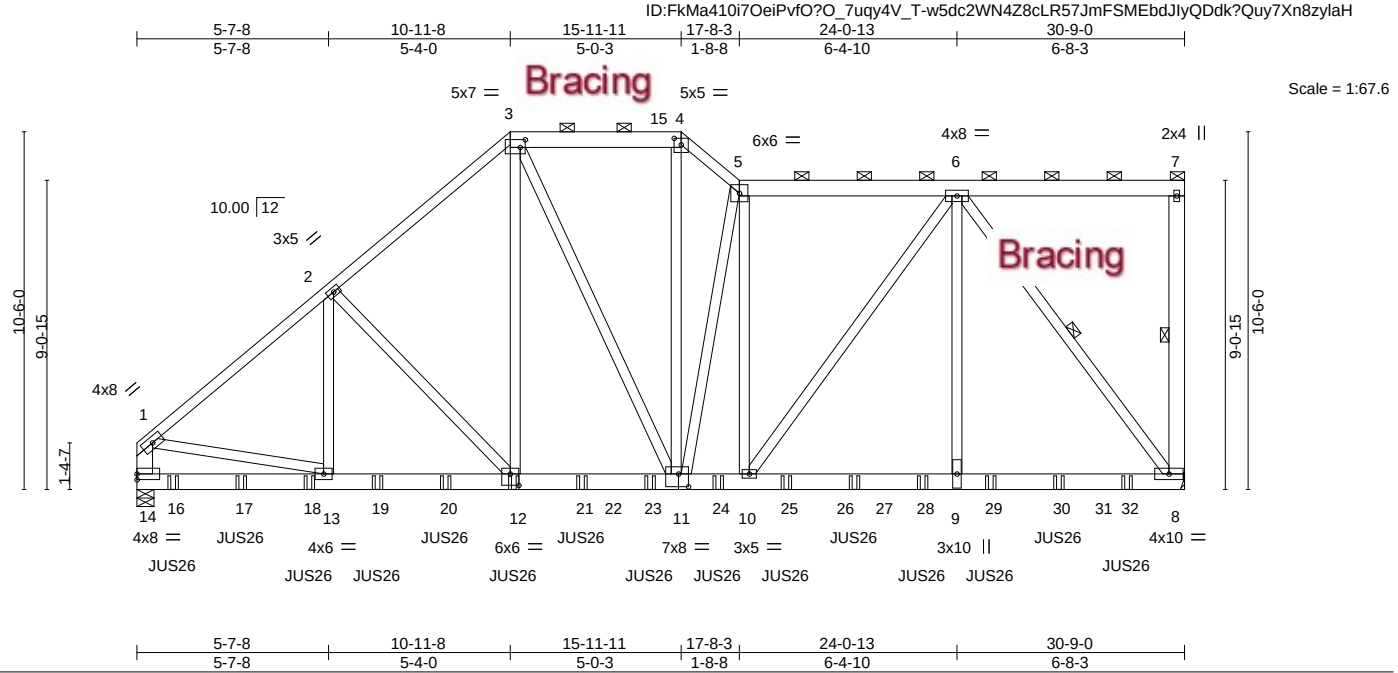

Plate Offsets (X,Y)-- [3:0-1-12,0-2-12], [4:0-2-8,0-2-4], [11:0-3-8,0-4-8], [12:0-3-0,0-4-0]

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	0.51	Vert(LL)	-0.11	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.25	BC	0.92	Vert(CT)	-0.22	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr NO	WB	0.99	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014	Matrix-MS							Weight: 597 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 3-4,5-7: 2x6 SP No.2

BOT CHORD 2x6 SP No.2

WEBS 2x4 SP No.2 *Except* 7-8,1-14: 2x6 SP No.2, 6-8: 2x4 SP No.1

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-8-8 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-4, 5-7.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

WEBS 1 Row at midpt 7-8, 6-8

REACTIONS. (size) 8=Mechanical, 14=0-6-0
Max Horz 14=287(LC 24)
Max Uplift 8=-381(LC 8)
Max Grav 8=5606(LC 1), 14=5827(LC 1)

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

TOP CHORD 1-2=-6260/0, 2-3=-5505/320, 3-4=-4441/349, 4-5=-5657/429, 5-6=-5041/377, 1-14=-4978/0

BOT CHORD 13-14=-167/658, 12-13=-57/4731, 11-12=-243/4183, 10-11=-337/5049, 9-10=-286/3585, 8-9=-286/3585

WEBS 2-13=0/803, 2-12=-865/0, 3-12=0/2668, 3-11=-194/678, 4-11=-226/3262, 5-11=-3134/314, 5-10=-568/0, 6-10=-91/2479, 6-9=-157/2216, 6-8=-5898/391, 1-13=0/4244

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, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered 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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=31ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
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, with BCDL = 10.0psf.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=381.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

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NOTES-

12) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-0-12 from the left end to 29-0-12 to connect truss(es) to back face of bottom chord.
13) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-4=-60, 4-5=-60, 5-7=-60, 8-14=-20
   Concentrated Loads (lb)
   Vert: 12=-711(B) 16=-571(B) 17=-570(B) 18=-570(B) 19=-570(B) 20=-570(B) 21=-711(B) 23=-713(B) 24=-575(B) 25=-575(B) 27=-575(B) 28=-575(B) 29=-575(B) 30=-575(B) 32=-575(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	B02	PIGGYBACK BASE	1	1	T26436696
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:13 2022 Page 1
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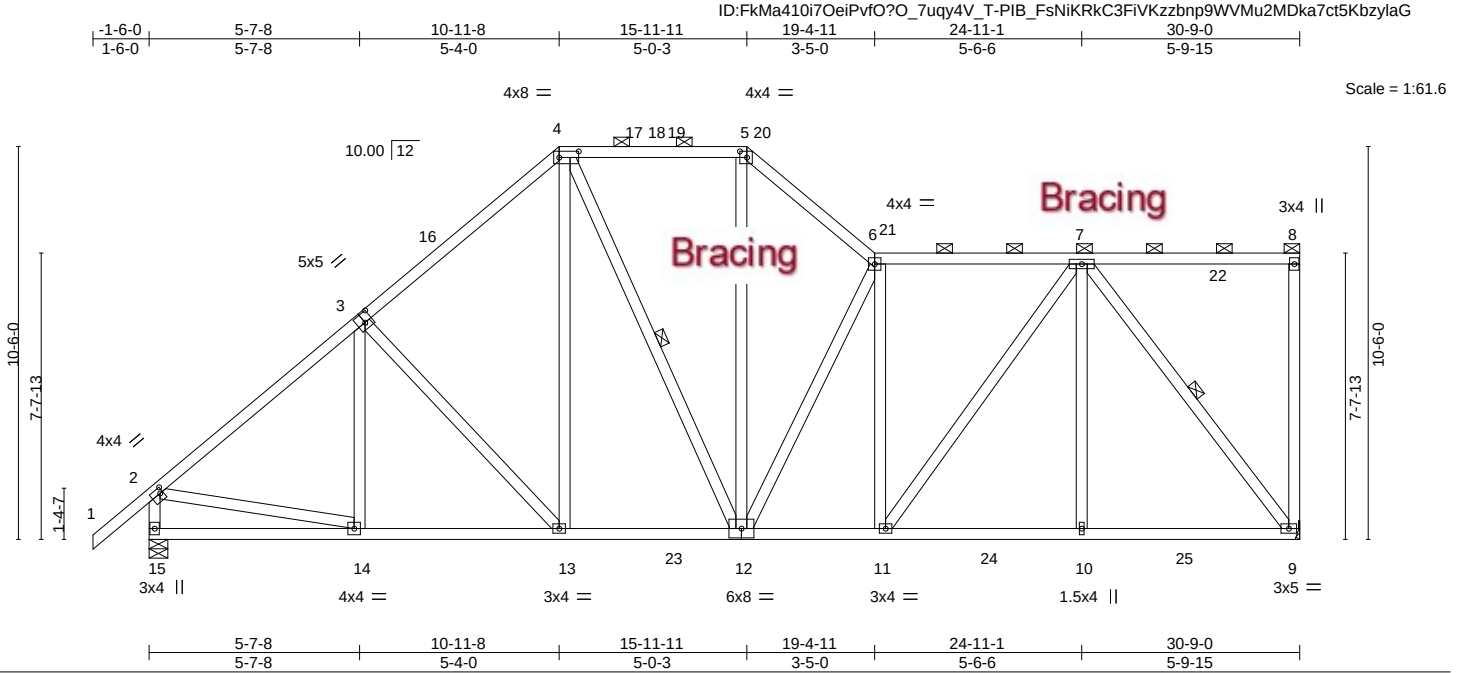

Plate Offsets (X,Y)-- [2:0-1-0,0-1-12], [3:0-2-8,0-3-0], [4:0-6-4,0-2-0], [5:0-2-4,0-2-0]

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 0.42	Vert(LL) -0.07 12-13 >999 240	MT20 244/190
TCDL 10.0		Lumber DOL 1.25	BC 0.44	Vert(CT) -0.13 12-13 >999 180	
BCLL 0.0	*	Rep Stress Incr YES	WB 0.89	Horz(CT) 0.04 9 n/a n/a	
BCDL 10.0		Code FBC2020/TPI2014	Matrix-AS		Weight: 245 lb FT = 20%

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, and 2-0-0 oc purlins (4-10-7 max.): 4-5, 6-8.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-12, 7-9

REACTIONS. (size) 9=Mechanical, 15=0-6-0
Max Horz 15=296(LC 11)
Max Uplift 9=-3(LC 12), 15=-37(LC 12)
Max Grav 9=1409(LC 17), 15=1478(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1529/72, 3-4=-1317/147, 4-5=-1039/163, 5-6=-1399/170, 6-7=-1345/121, 2-15=-1382/112
BOT CHORD 14-15=-347/388, 13-14=-215/1200, 12-13=-160/1046, 11-12=-142/1387, 10-11=-100/951, 9-10=-100/951
WEBS 4-13=0/405, 5-12=-40/671, 6-12=-782/99, 6-11=-415/110, 7-11=-68/725, 7-10=0/335, 7-9=-1505/78, 2-14=0/962

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=31ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -1-6-0 to 1-6-14, Interior(1) 1-6-14 to 10-11-8, Exterior(2R) 10-11-8 to 14-0-6, Interior(1) 14-0-6 to 15-11-11, Exterior(2R) 15-11-11 to 19-0-9, Interior(1) 19-0-9 to 30-7-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 15.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	B03	PIGGYBACK BASE	1	1	T26436697
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:14 2022 Page 1
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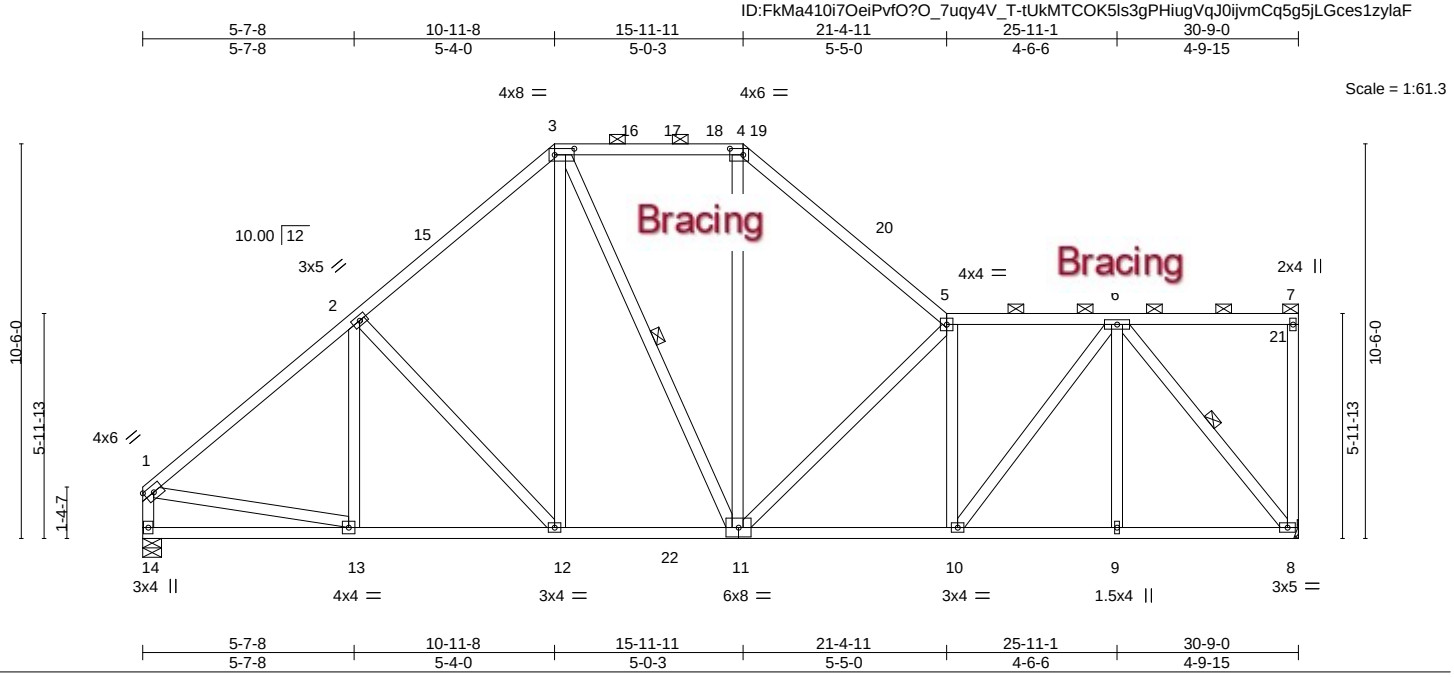


Plate Offsets (X,Y)-- [3:0-6-4,0-2-0], [4:0-4-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	-0.09	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.17	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 230 lb	FT = 20%

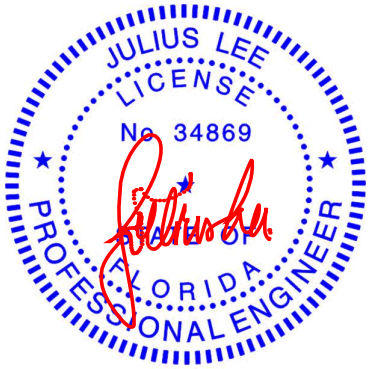
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (4-8-7 max.): 3-4, 5-7.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 3-11, 6-8

REACTIONS. (size) 8=Mechanical, 14=0-6-0
Max Horz 14=262(LC 11)
Max Uplift 8=-2(LC 12)
Max Grav 8=1339(LC 17), 14=1364(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1525/81, 2-3=-1334/158, 3-4=-1029/166, 4-5=-1409/151, 5-6=-1535/105, 1-14=-1269/63
BOT CHORD 13-14=-236/304, 12-13=-180/1226, 11-12=-108/1029, 10-11=-116/1566, 9-10=-80/977, 8-9=-80/977
WEBS 2-12=-295/106, 3-12=-9/449, 3-11=-37/255, 4-11=0/599, 5-11=-813/95, 5-10=-545/112, 6-10=-55/941, 6-8=-1496/62, 1-13=0/987

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=31ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-1-12 to 3-2-10, Interior(1) 3-2-10 to 10-11-8, Exterior(2R) 10-11-8 to 14-0-6, Interior(1) 14-0-6 to 15-11-11, Exterior(2R) 15-11-11 to 19-0-9, Interior(1) 19-0-9 to 30-7-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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January 5,2022

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6904 Parke East Blvd.
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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	B04	PIGGYBACK BASE	2	1	T26436698

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:16 2022 Page 1

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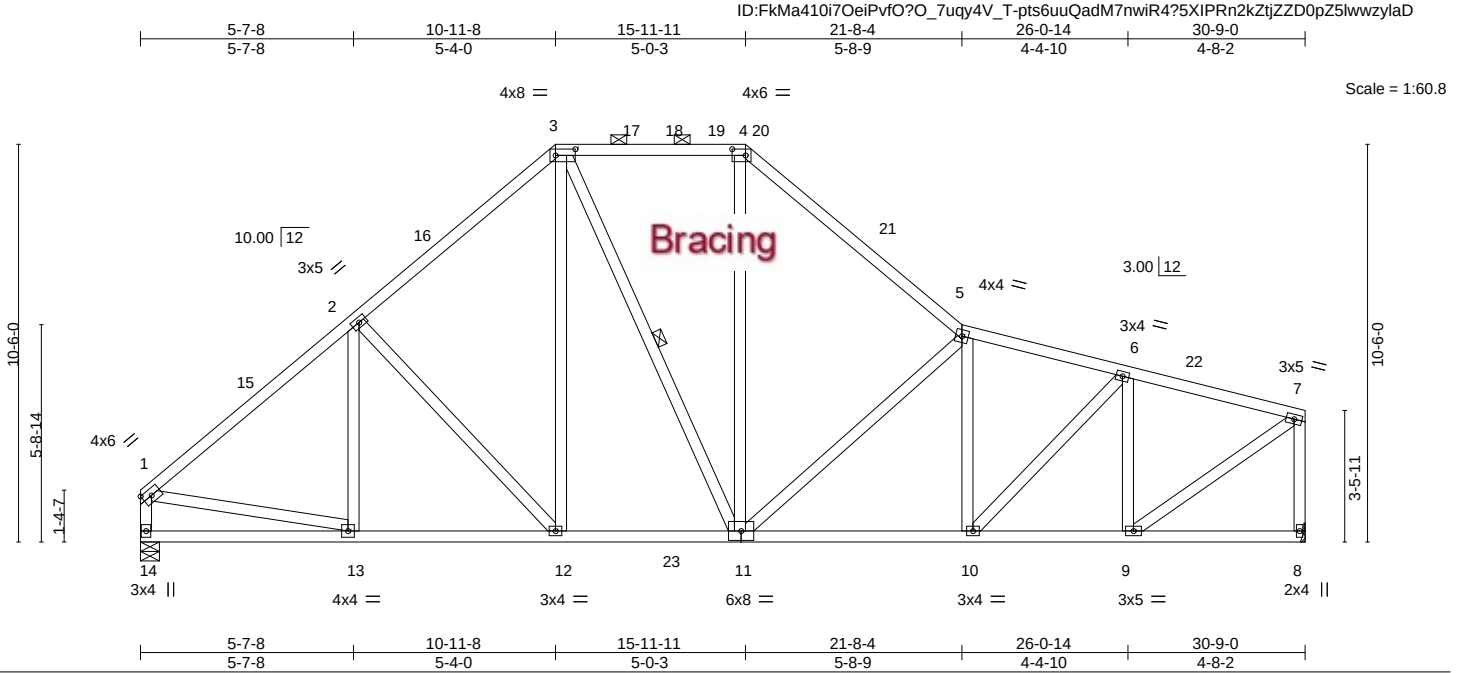


Plate Offsets (X,Y)-- [3:0-6-4,0-2-0], [4:0-4-4,0-2-0]

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	0.36	Vert(LL)	-0.10	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.19	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 220 lb	FT = 20%

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, and 2-0-0 oc purlins (5-8-9 max.): 3-4.
BOT CHORD	Rigid ceiling directly applied.
WEBS	1 Row at midpt 3-11

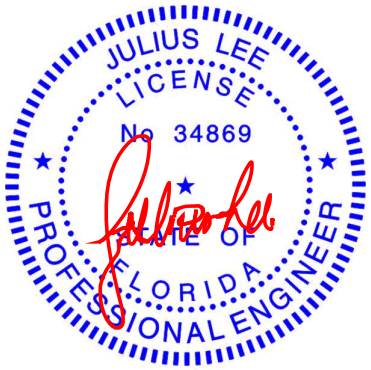
REACTIONS. (size) 14=0-6-0, 8=Mechanical
Max Horz 14=213(LC 11)
Max Grav 14=1357(LC 17), 8=1321(LC 19)

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

TOP CHORD	1-2=-1515/181, 2-3=-1324/263, 3-4=-1023/264, 4-5=-1402/253, 5-6=-1645/209, 6-7=-1277/155, 1-14=-1261/156, 7-8=-1239/152
BOT CHORD	13-14=-165/299, 12-13=-176/1220, 11-12=-81/1022, 10-11=-179/1587, 9-10=-142/1219
WEBS	2-12=-296/138, 3-12=-32/450, 3-11=-42/257, 4-11=-33/585, 5-11=-823/159, 6-10=-50/537, 6-9=-698/134, 1-13=-27/987, 7-9=-142/1441

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=31ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-1-12 to 3-2-10, Interior(1) 3-2-10 to 10-11-8, Exterior(2R) 10-11-8 to 14-0-6, Interior(1) 14-0-6 to 15-11-11, Exterior(2R) 15-11-11 to 19-0-9, Interior(1) 19-0-9 to 30-7-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	B05	PIGGYBACK BASE STRUC COMMON I	1	1	T26436699
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:18 2022 Page 1
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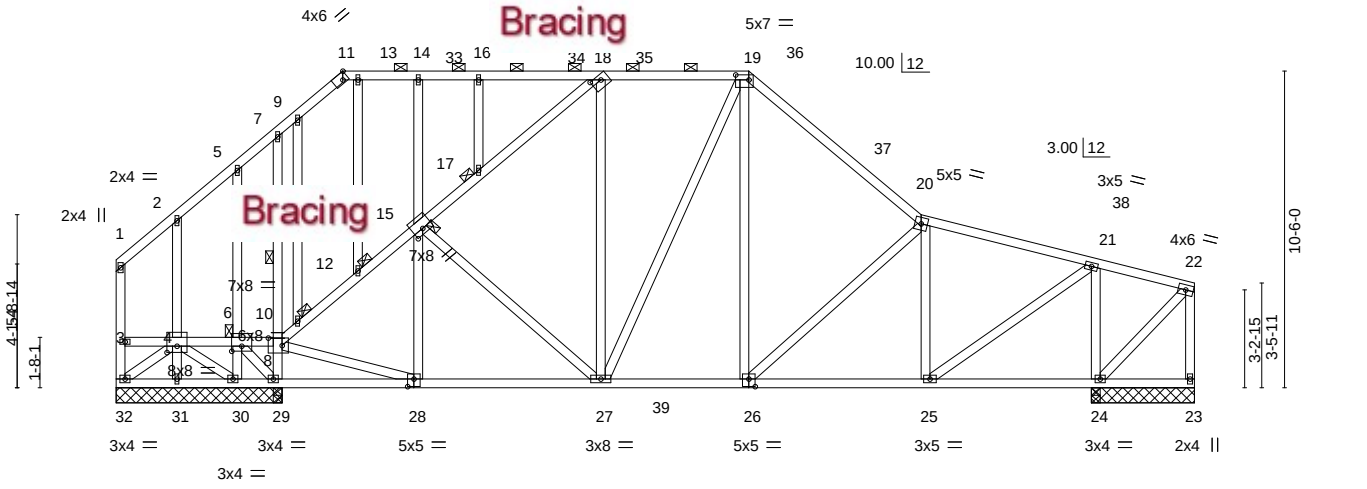
1-6-0	7-0-11	14-0-3	20-11-11	26-8-4	31-0-14	35-9-0
1-6-0	7-0-11	6-11-8	6-11-8	5-8-9	4-4-10	4-8-2

Scale = 1:76.4



5-2-8	7-0-11	14-0-3	16-0-13	20-11-11	26-8-4	32-7-8	35-9-0
5-2-8	1-10-3	6-11-8	2-0-10	4-10-14	5-8-9	5-11-4	3-1-8

Plate Offsets (X,Y)-- [4:0-4-0,0-2-8], [6:0-4-0,0-2-0], [8:0-5-8,0-3-0], [11:0-2-4,Edge], [15:0-4-0,0-2-0], [18:0-3-15,0-2-0], [19:0-5-4,0-2-0], [26:0-2-8,0-3-0], [28:0-2-8,0-3-0]

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	0.34	Vert(LL)	-0.06	25-26	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.13	25-26	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.02	24	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 332 lb	FT = 20%

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, and 2-0-0 oc purlins (6-0-0 max.): 11-19, 3-8, 8-18.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 7-29
JOINTS 1 Brace at Jt(s): 17, 15, 12, 10, 6

REACTIONS. All bearings 5-6-0 except (jt=length) 23=3-5-0, 24=3-5-0, 24=3-5-0.
(lb) - Max Horz 32=-238(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 24, 30, 31, 32 except 23=-342(LC 18)
Max Grav All reactions 250 lb or less at joint(s) 30, 31, 32 except 24=1847(LC 18), 24=1649(LC 1), 29=1462(LC 18), 29=1290(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 18-19=-723/221, 19-20=-1013/214, 20-21=-878/132, 21-22=-47/359, 22-23=-23/367, 6-8=-37/316, 8-10=-1123/78, 10-12=-1089/81, 12-15=-1051/98, 15-17=-1011/87, 17-18=-965/72
BOT CHORD 28-29=-289/93, 27-28=-39/828, 26-27=-51/729, 25-26=-102/823, 24-25=-352/80
WEBS 21-24=-1334/205, 8-29=-1130/62, 18-27=0/345, 19-26=-29/312, 20-25=-577/156, 8-28=-44/1051, 21-25=-130/1366, 22-24=-467/57

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-1-12 to 4-0-3, Interior(1) 4-0-3 to 7-6-2, Exterior(2R) 7-6-2 to 11-1-1, Interior(1) 11-1-1 to 20-11-11, Exterior(2R) 20-11-11 to 24-6-9, Interior(1) 24-6-9 to 35-7-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 30, 31, 32 except (jt=lb) 23=342.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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Date:

January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	C01	GABLE	1	2	T26436700

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:23 2022 Page 1

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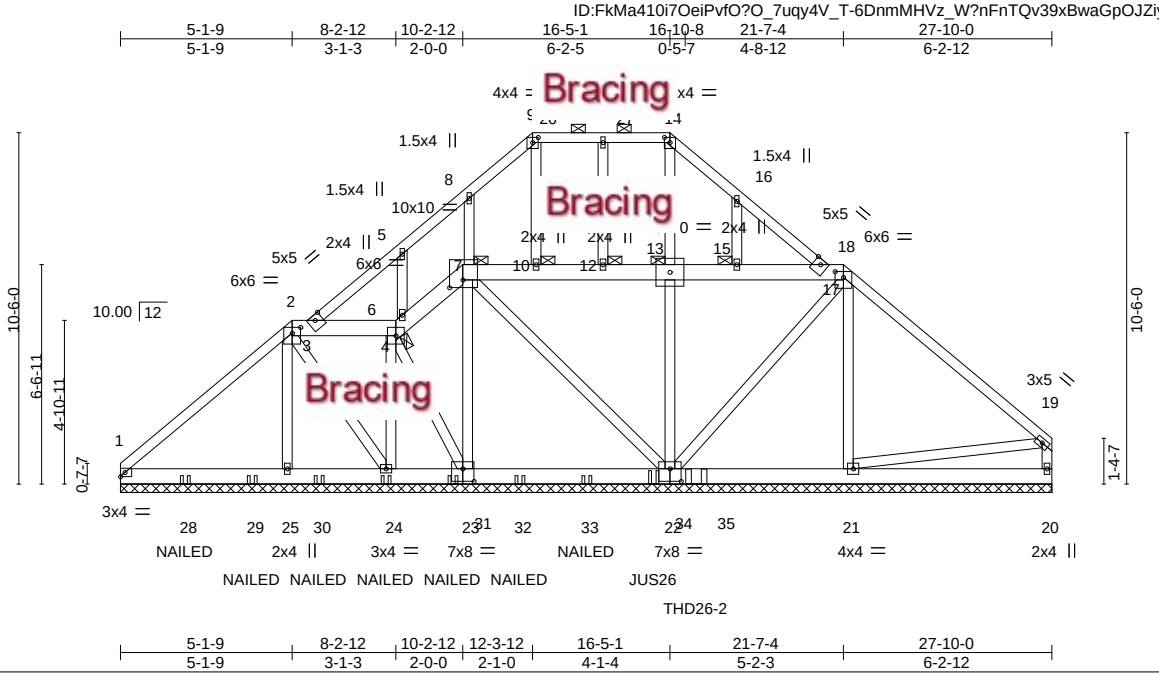

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Plate Offsets (X,Y)-- [2:0-3-0,0-2-1], [7:0-4-12,0-2-12], [9:0-2-0,0-1-13], [14:0-2-0,0-1-13], [18:0-3-0,0-2-1], [22:0-4-0,0-4-8], [23:0-4-0,0-4-8]

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	0.24	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.04	Horz(CT)	0.00	20	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 532 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 2-4,4-7,7-18: 2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 9-14, 2-4, 4-7, 7-18.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 4, 7, 12, 10, 15, 13

REACTIONS. All bearings 27-10-0.

(lb) - Max Horz 1=216(LC 7)

Max Uplift All uplift 100 lb or less at joint(s) 20 except 23=-193(LC 8), 24=-169(LC 8), 22=-167(LC 8)

Max Grav All reactions 250 lb or less at joint(s) except 1=260(LC 17), 23=696(LC 29), 20=274(LC 18), 25=527(LC 29), 24=509(LC 1), 21=530(LC 1), 22=1446(LC 1)

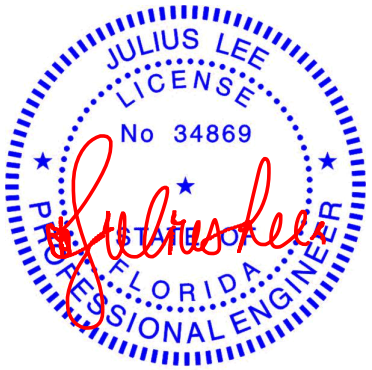
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

WEBS 13-22=-259/41

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, 2x6 - 2 rows staggered at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered 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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=28ft; 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) 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.
6) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
7) Provide adequate drainage to prevent water ponding.
8) Gable requires continuous bottom chord bearing.
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * 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.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 20 except (jt=lb) 23=193, 24=169, 22=167.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Use USP JUS26 (With 4-10d nails into Girder & 2-10d nails into Truss) or equivalent at 15-11-4 from the left end to connect truss(es) to back face of bottom chord.

Continued on page 2



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Date: January 5,2022

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NOTES-

15) Use USP THD26-2 (With 18-16d nails into Girder & 12-10d nails into Truss) or equivalent at 17-2-8 from the left end to connect truss(es) to back face of bottom chord.
16) Fill all nail holes where hanger is in contact with lumber.
17) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-60, 9-14=-60, 18-19=-60, 1-20=-20, 2-3=-60, 17-18=-60, 3-9=-60, 14-17=-60
   Concentrated Loads (lb)
   Vert: 24=-204(B) 28=-20(B) 29=-28(B) 30=-192(B) 31=-211(B) 32=-211(B) 33=-211(B) 34=-270(B) 35=-644(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	C02	PIGGYBACK BASE	4	1	T26436701

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:24 2022 Page 1

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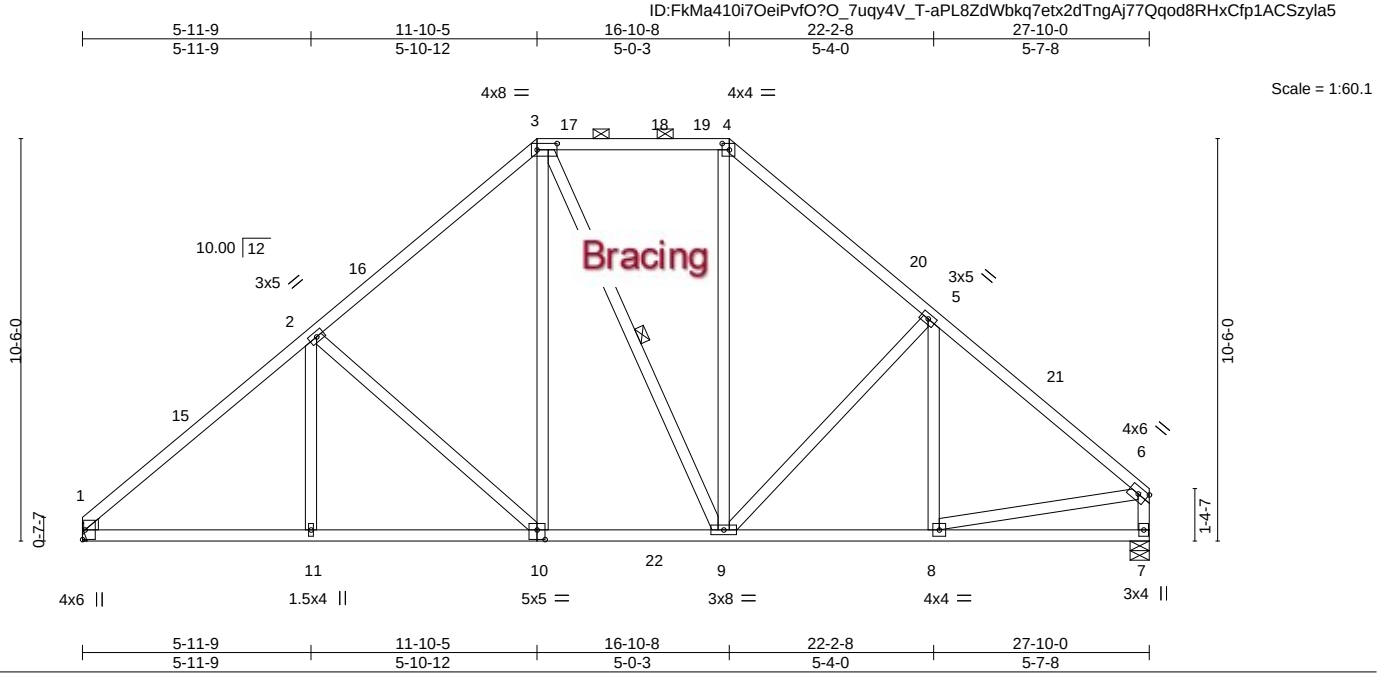


Plate Offsets (X,Y)-- [3:0-6-4,0-2-0], [4:0-2-4,0-2-0], [10:0-2-8,0-3-0]

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	0.29	Vert(LL)	-0.07	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.15	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.04	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 187 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

BRACING-

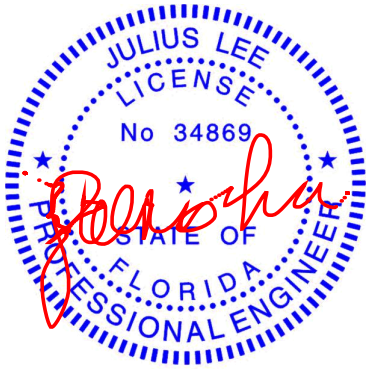
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 3-9

REACTIONS. (size) 1=Mechanical, 7=0-6-0
Max Horz 1=216(LC 11)
Max Grav 1=1243(LC 17), 7=1233(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1585/48, 2-3=-1189/129, 3-4=-836/136, 4-5=-1154/127, 5-6=-1361/51, 6-7=-1137/40
BOT CHORD 1-11=-19/1281, 10-11=-19/1281, 9-10=0/916, 8-9=0/986
WEBS 2-11=0/259, 2-10=-490/92, 3-10=-9/503, 4-9=-12/454, 5-9=-312/92, 6-8=0/880

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 11-10-5, Exterior(2R) 11-10-5 to 16-1-4, Interior(1) 16-1-4 to 16-10-8, Exterior(2R) 16-10-8 to 21-1-7, Interior(1) 21-1-7 to 27-8-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	C03	PIGGYBACK BASE	1	1	T26436702
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:25 2022 Page 1
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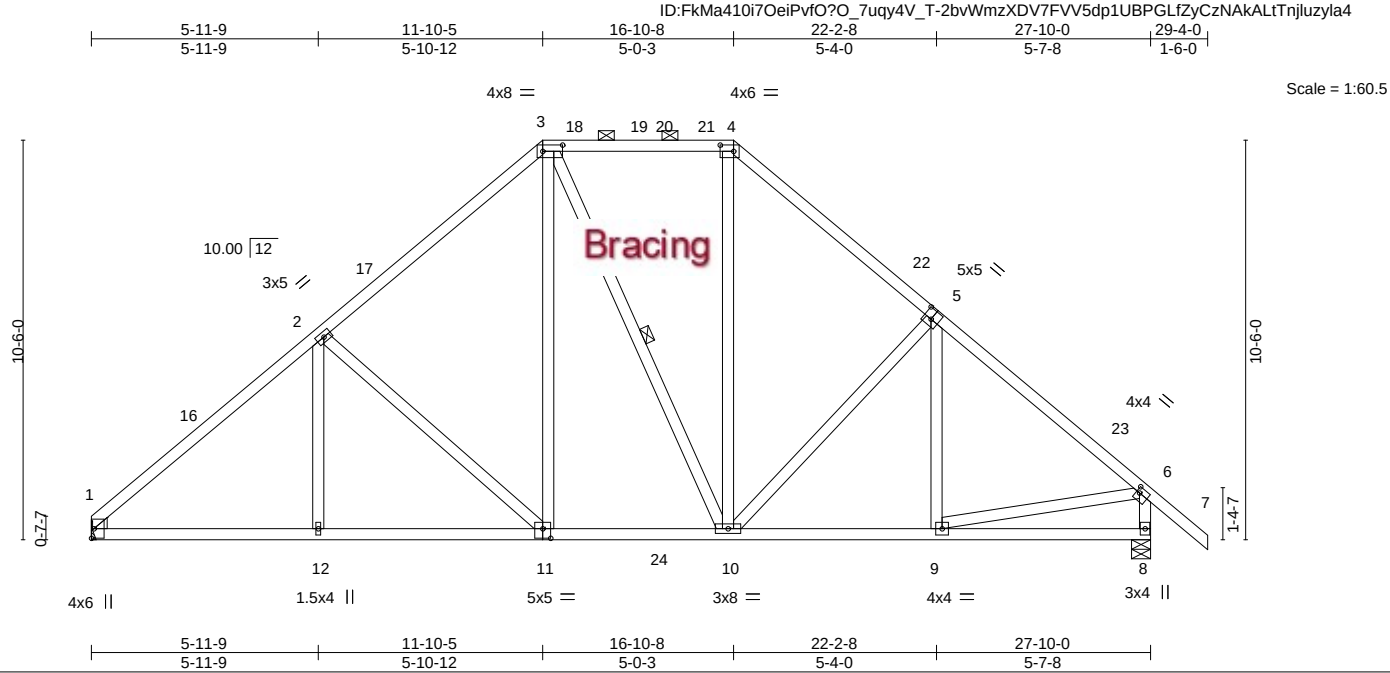


Plate Offsets (X,Y)-- [3:0-6-4,0-2-0], [4:0-4-4,0-2-0], [5:0-2-8,0-3-0], [6:0-1-0,0-1-12], [11:0-2-8,0-3-0]

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	0.39	Vert(LL)	-0.07	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.15	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 190 lb	FT = 20%

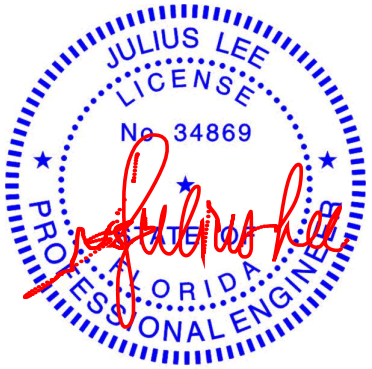
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 3-10

REACTIONS. (size) 1=Mechanical, 8=0-6-0
Max Horz 1=226(LC 11)
Max Uplift 8=-41(LC 12)
Max Grav 1=1240(LC 17), 8=1327(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1582/48, 2-3=-1186/130, 3-4=-834/137, 4-5=-1118/115, 5-6=-1341/39, 6-8=-1231/82
BOT CHORD 1-12=0/1292, 11-12=0/1292, 10-11=0/926, 9-10=0/973
WEBS 2-12=0/259, 2-11=-491/92, 3-11=-9/504, 4-10=0/428, 5-10=-253/67, 6-9=0/842

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 11-10-5, Exterior(2R) 11-10-5 to 16-1-4, Interior(1) 16-1-4 to 16-10-8, Exterior(2R) 16-10-8 to 21-1-7, Interior(1) 21-1-7 to 29-4-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

January 5,2022

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6904 Parke East Blvd.
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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	C04	PIGGYBACK BASE	1	1	T26436703

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:27 2022 Page 1
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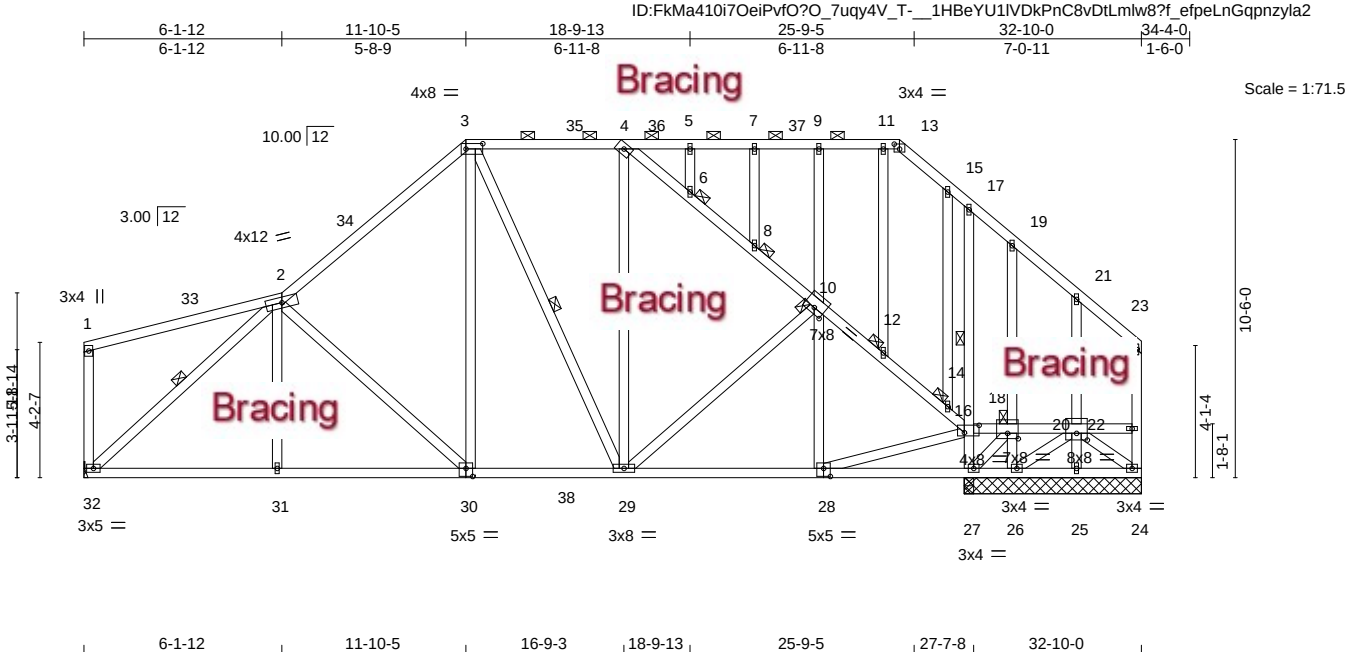


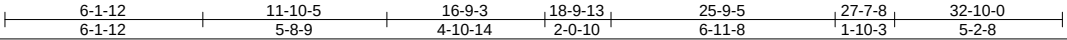


Plate Offsets (X,Y)-- [3:0-6-4,0-2-0], [10:0-4-0,0-2-0], [13:0-2-0,0-1-13], [16:0-5-8,0-2-12], [18:0-4-0,0-2-0], [20:0-4-0,0-2-8], [28:0-2-8,0-3-0], [30:0-2-8,0-3-0]

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	0.34	Vert(LL)	-0.07	30-31	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.14	30-31	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.03	27	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 316 lb	FT = 20%

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, and 2-0-0 oc purlins (6-0-0 max.): 3-13, 4-16, 16-22.
BOT CHORD	Rigid ceiling directly applied.
WEBS	1 Row at midpt 17-27, 2-32, 3-29
JOINTS	1 Brace at Jt(s): 8, 10, 12, 18, 14, 6

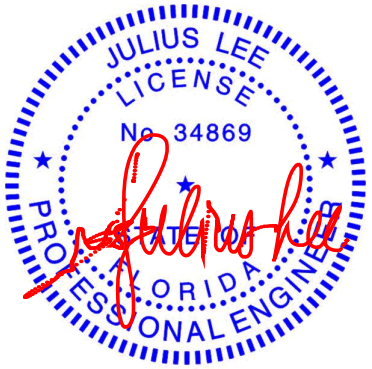
REACTIONS. All bearings 5-6-0 except (jt=length) 32=Mechanical.
(lb) - Max Horz 32=237(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 24, 26, 32, 25
Max Grav All reactions 250 lb or less at joint(s) 24, 26, 25 except 27=1549(LC 17), 27=1349(LC 1), 32=1180(LC 17)

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

TOP CHORD	2-3=-1135/226, 3-4=-784/231, 4-6=-1028/66, 6-8=-1053/75, 8-10=-1084/85, 10-12=-1097/78, 12-14=-1133/62, 14-16=-1168/60, 16-18=-35/286
BOT CHORD	31-32=-190/1193, 30-31=-192/1187, 29-30=-100/879, 28-29=-81/894, 27-28=-251/59
WEBS	16-27=-1198/79, 4-29=0/393, 16-28=-100/1173, 3-30=-40/461, 2-31=0/276, 2-32=-1386/157, 2-30=-425/126

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-5-2, Interior(1) 3-5-2 to 11-10-5, Exterior(2R) 11-10-5 to 15-1-11, Interior(1) 15-1-11 to 25-3-14, Exterior(2R) 25-3-14 to 28-9-13, Interior(1) 28-9-13 to 32-8-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 26, 32, 25.
10) 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.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	CJ01	Diagonal Hip Girder	2	1	T26436704
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:28 2022 Page 1
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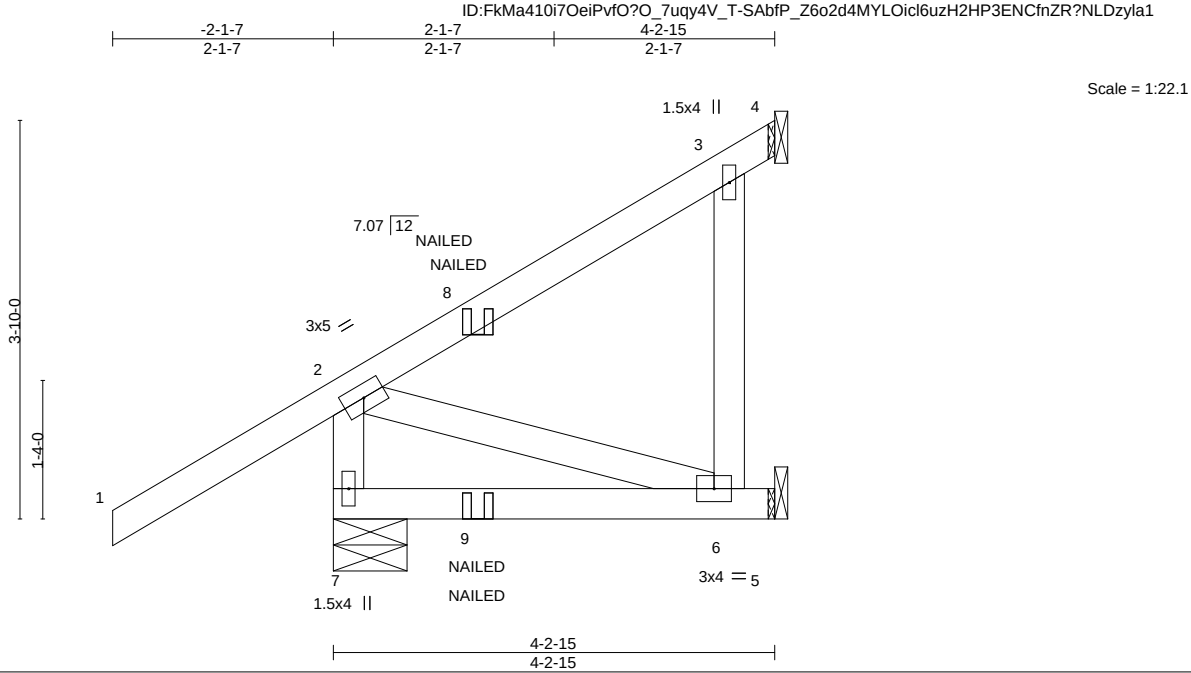


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	0.02	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.02	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.05	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 29 lb	FT = 20%

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

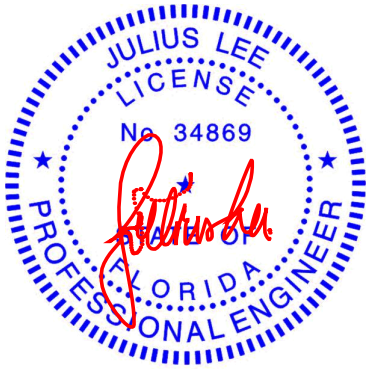
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=0-8-8, 4=Mechanical, 5=Mechanical
Max Horz 7=128(LC 8)
Max Uplift 7=-131(LC 8), 4=-29(LC 8), 5=-159(LC 17)
Max Grav 7=273(LC 1), 4=190(LC 17), 5=17(LC 24)

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

NOTES-
1) Wind: ASCE 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 4 except (jt=lb) 7=131, 5=159.
7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) 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: 1-2=-60, 2-4=-60, 5-7=-20
Concentrated Loads (lb)
Vert: 8=90(F=45, B=45)



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	CJ02	Diagonal Hip Girder	1	1	T26436705
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:29 2022 Page 1
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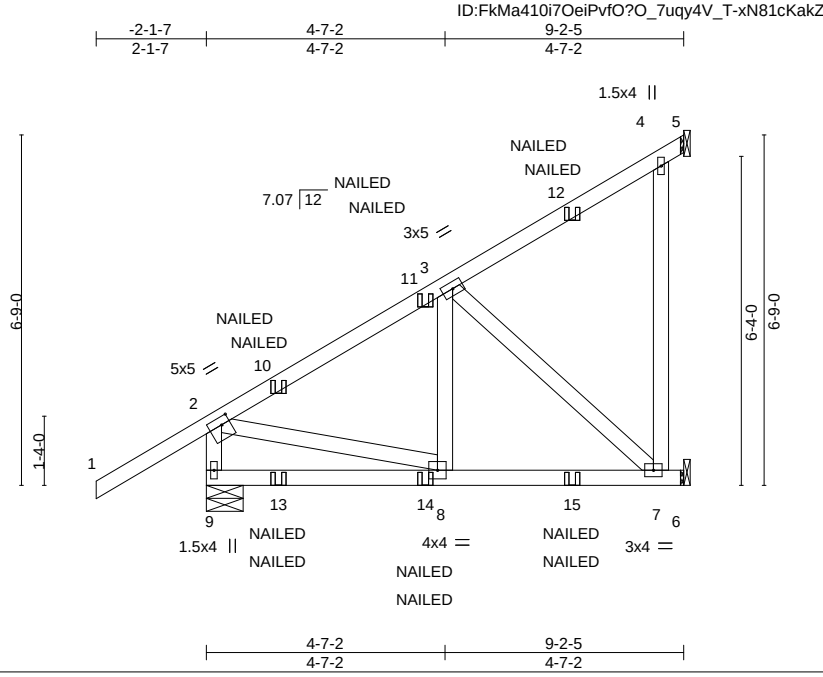


Plate Offsets (X,Y)-- [2:0-2-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.53	Vert(LL)	0.08	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.10	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.24	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 63 lb	FT = 20%

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

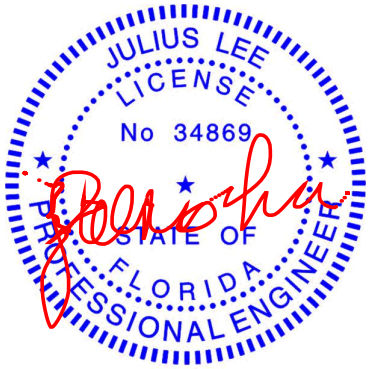
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 9=0-8-8, 5=Mechanical, 6=Mechanical
Max Horz 9=198(LC 8)
Max Uplift 9=-222(LC 8), 5=-257(LC 5), 6=-10(LC 8)
Max Grav 9=492(LC 30), 5=372(LC 28), 6=401(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-9=-468/210, 2-3=-444/168
BOT CHORD 7-8=-202/342
WEBS 2-8=-76/411, 4-7=-339/341, 3-7=-459/271

NOTES-
1) Wind: ASCE 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 6 except (jt=lb) 9=222, 5=257.
7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) 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: 1-2=-60, 2-5=-60, 6-9=-20
Concentrated Loads (lb)
Vert: 10=90(F=45, B=45) 12=110(F=55, B=55) 14=3(F=2, B=2) 15=-250(F=-125, B=-125)



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	CJ03	Diagonal Hip Girder	2	1	T26436706

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:30 2022 Page 1

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-2-1-7 2-1-7 | 3-5-13 3-5-13 | 6-7-14 3-2-2

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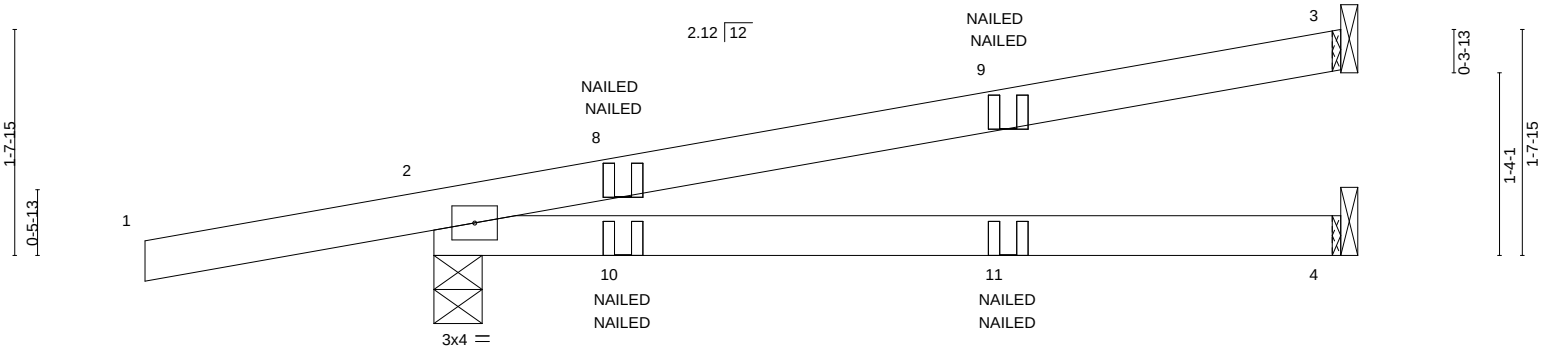


6-7-14
6-7-14

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.08	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.13	4-7	>607	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 23 lb	FT = 20%

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

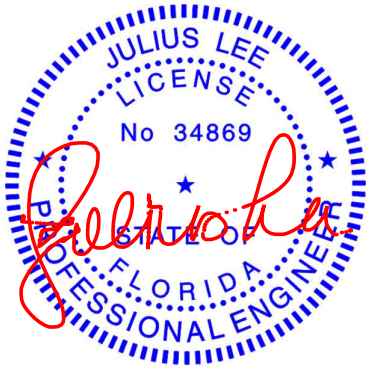
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 3=Mechanical, 2=0-4-4, 4=Mechanical
Max Horz 2=45(LC 4)
Max Uplift 3=-31(LC 4), 2=-76(LC 4)
Max Grav 3=155(LC 1), 2=320(LC 1), 4=107(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 3, 2.
7) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
8) 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, 4-5=-20
Concentrated Loads (lb)
Vert: 8=59(F=30, B=30) 10=60(F=30, B=30) 11=-5(F=-2, B=-2)



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	CJ04	Diagonal Hip Girder	1	1	T26436707
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:31 2022 Page 1
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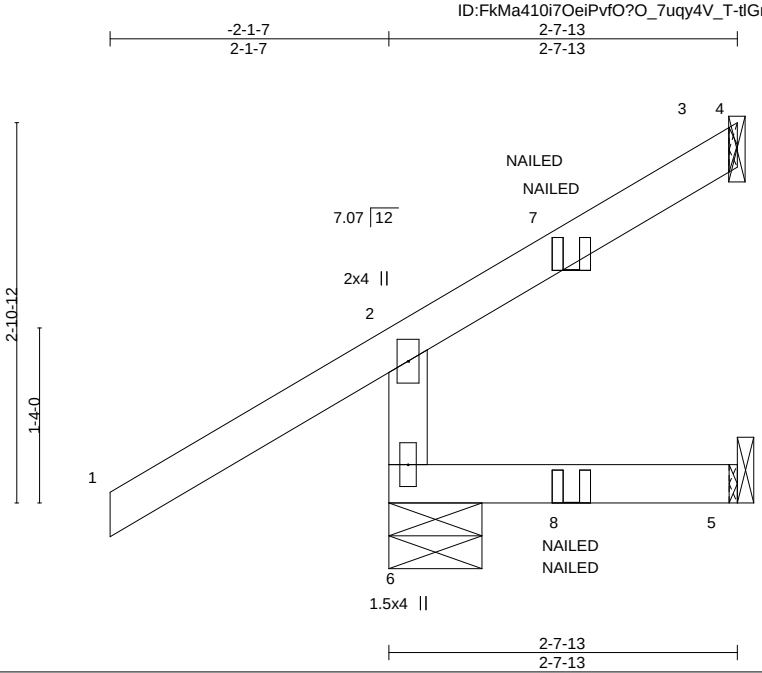


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	0.01	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	0.01	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.02	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 14 lb	FT = 20%

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

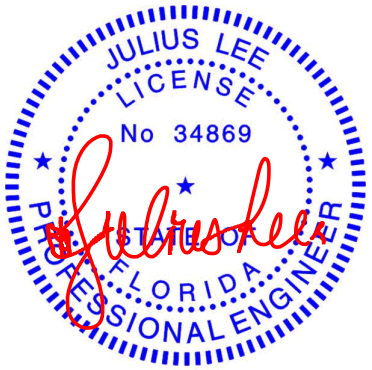
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-7-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-8-8, 5=Mechanical, 3=Mechanical
Max Horz 6=62(LC 8)
Max Uplift 6=-98(LC 8), 5=-28(LC 5), 3=-47(LC 14)
Max Grav 6=276(LC 1), 5=38(LC 22), 3=27(LC 25)

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

NOTES-
1) Wind: ASCE 7-16; 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) 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.
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Gable studs spaced at 2-0-0 oc.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 5, 3.
9) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
10) 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: 1-2=-60, 2-3=-60, 3-4=-20, 5-6=-20
Concentrated Loads (lb)
Vert: 7=44(B) 8=-1(F)



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	D01	ATTIC	12	1	T26436708
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:33 2022 Page 1
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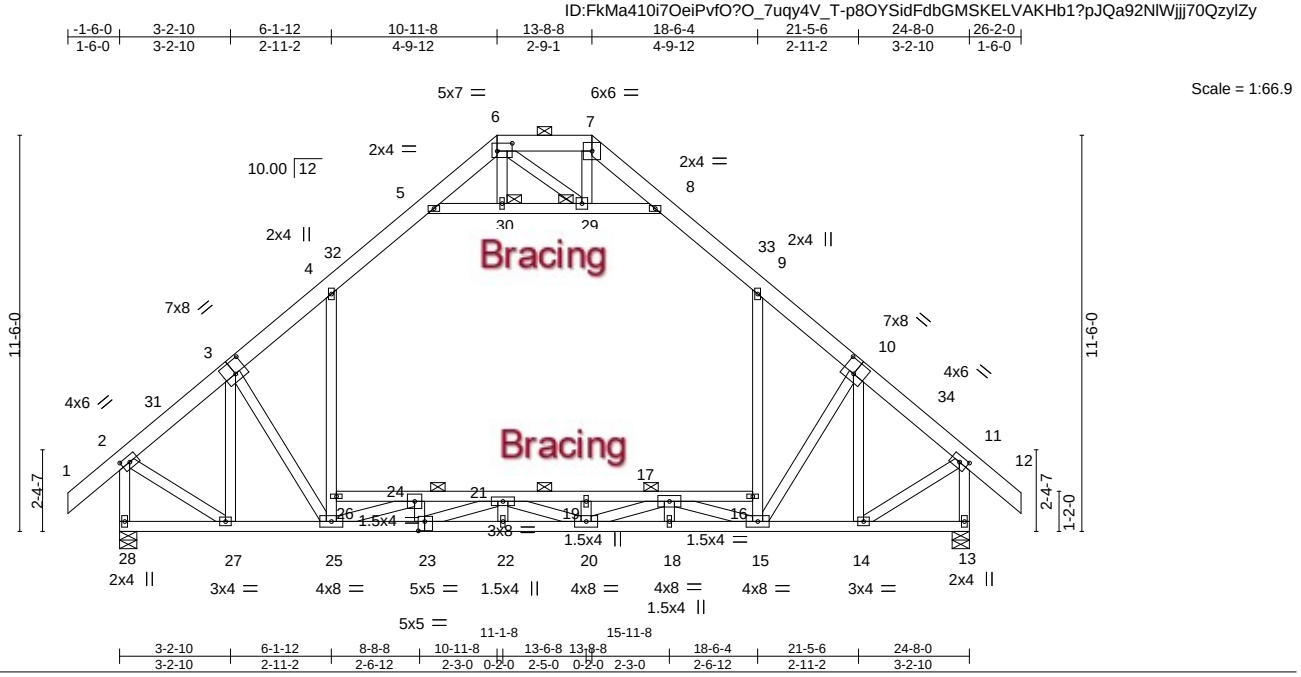

Plate Offsets (X,Y)-- [2:0-2-14,0-2-0], [3:0-4-0,0-4-8], [6:0-5-4,0-2-12], [10:0-4-0,0-4-8], [11:0-2-14,0-2-0], [23:0-2-4,0-3-4]

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	0.94	Vert(LL)	-0.23	19-21	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.42	19-21	>694	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.07	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS		Attic	-0.14	16-26	1065	360	Weight: 240 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 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, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied. Except: 3-4-0 oc bracing: 16-26
JOINTS 1 Brace at Jt(s): 29, 30

REACTIONS. (size) 28=0-6-0, 13=0-6-0
Max Horz 28=266(LC 11)
Max Grav 28=1645(LC 18), 13=1645(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1315/0, 3-4=-1553/0, 4-5=-1072/0, 6-7=-3/355, 8-9=-1072/0, 9-10=-1558/0, 10-11=-1315/0, 2-28=-1612/0, 11-13=-1611/0
BOT CHORD 27-28=-237/253, 25-27=0/1104, 23-25=0/2675, 22-23=0/3366, 20-22=0/3366, 18-20=0/2514, 15-18=0/2514, 14-15=0/964, 21-24=-1771/0, 19-21=-2538/0, 17-19=-2538/0
WEBS 3-27=-648/0, 3-25=-77/264, 25-26=0/610, 4-26=0/800, 5-30=-1332/0, 29-30=-1328/0, 8-29=-1347/0, 15-16=0/613, 9-16=0/805, 10-15=-81/271, 10-14=-660/0, 2-27=0/1119, 11-14=0/1118, 23-24=0/320, 19-20=-270/0, 24-25=-1885/0, 21-23=-746/0, 17-20=0/981, 15-17=-1768/0

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=25ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 10-11-8, Exterior(2E) 10-11-8 to 13-8-8, Exterior(2R) 13-8-8 to 17-11-7, Interior(1) 17-11-7 to 26-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Ceiling dead load (5.0 psf) on member(s). 4-5, 8-9, 5-30, 29-30, 8-29; Wall dead load (5.0psf) on member(s).4-26, 9-16
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 24-26, 21-24, 19-21, 17-19, 16-17
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) Attic room checked for L/360 deflection.

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Date:

January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	D02	ATTIC	2	1	T26436709
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:34 2022 Page 1
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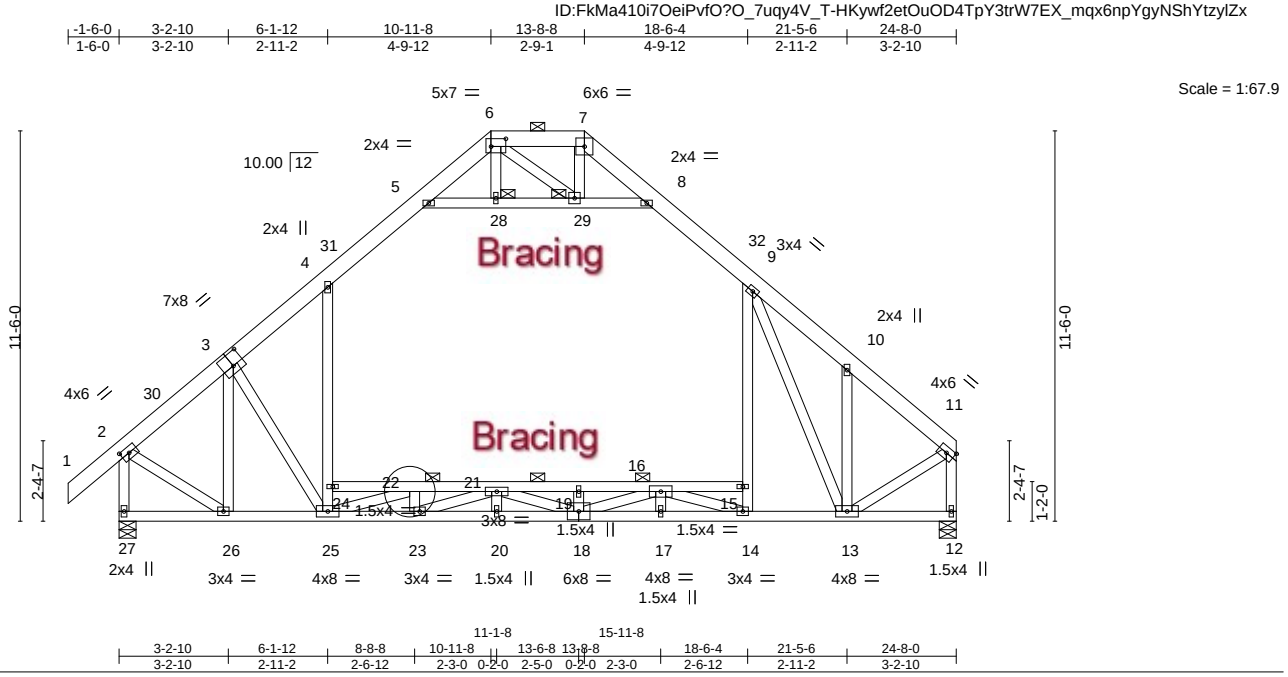


Plate Offsets (X,Y)-- [2:0-2-14,0-2-0], [3:0-4-0,0-4-8], [6:0-5-4,0-2-12]

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	0.96	Vert(LL)	-0.22	19-21	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.41	19-21	>718	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.06	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS		Attic	-0.13	15-24	1112	360	Weight: 238 lb	FT = 20%

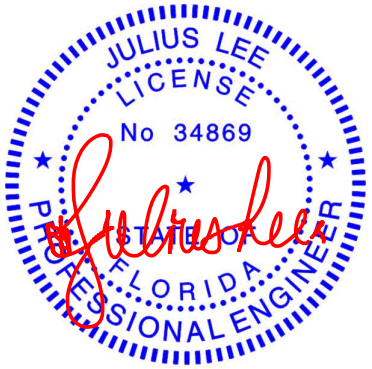
LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
18-27: 2x4 SP No.1
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied. Except: 3-4-0 oc bracing: 15-24
JOINTS 1 Brace at Jt(s): 28, 29

REACTIONS. (size) 27=0-6-0, 12=0-6-0
Max Horz 27=256(LC 11)
Max Grav 27=1648(LC 18), 12=1551(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1318/0, 3-4=-1562/0, 4-5=-1076/0, 6-7=-4/349, 8-9=-1072/0, 9-10=-1653/0, 10-11=-1329/0, 2-27=-1614/0, 11-12=-1516/0
BOT CHORD 25-26=0/1092, 23-25=0/2645, 20-23=0/3377, 18-20=0/3377, 17-18=0/2507, 14-17=0/2507, 13-14=0/1099, 21-22=-1650/0, 19-21=-2560/0, 16-19=-2560/0
WEBS 3-26=-664/0, 3-25=-81/275, 24-25=0/616, 4-24=0/802, 5-28=-1336/0, 28-29=-1331/0, 8-29=-1344/0, 14-15=0/739, 9-15=0/931, 9-13=-255/197, 10-13=-659/34, 2-26=0/1118, 11-13=0/1176, 22-23=0/282, 18-19=-266/0, 14-16=-1762/0, 16-18=0/1013, 21-23=-880/0, 22-25=-1797/0

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=25ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 10-11-8, Exterior(2E) 10-11-8 to 13-8-8, Exterior(2R) 13-8-8 to 17-11-7, Interior(1) 17-11-7 to 24-6-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Ceiling dead load (5.0 psf) on member(s). 4-5, 8-9, 5-28, 28-29, 8-29; Wall dead load (5.0psf) on member(s).4-24, 9-15
8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 22-24, 21-22, 19-21, 16-19, 15-16
9) Following joints to be plated by qualified designer: Joint(s) 22, not plated.
10) 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.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Attic room checked for L/360 deflection.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	D03	ATTIC GIRDER	1	2	T26436710

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:37 2022 Page 1

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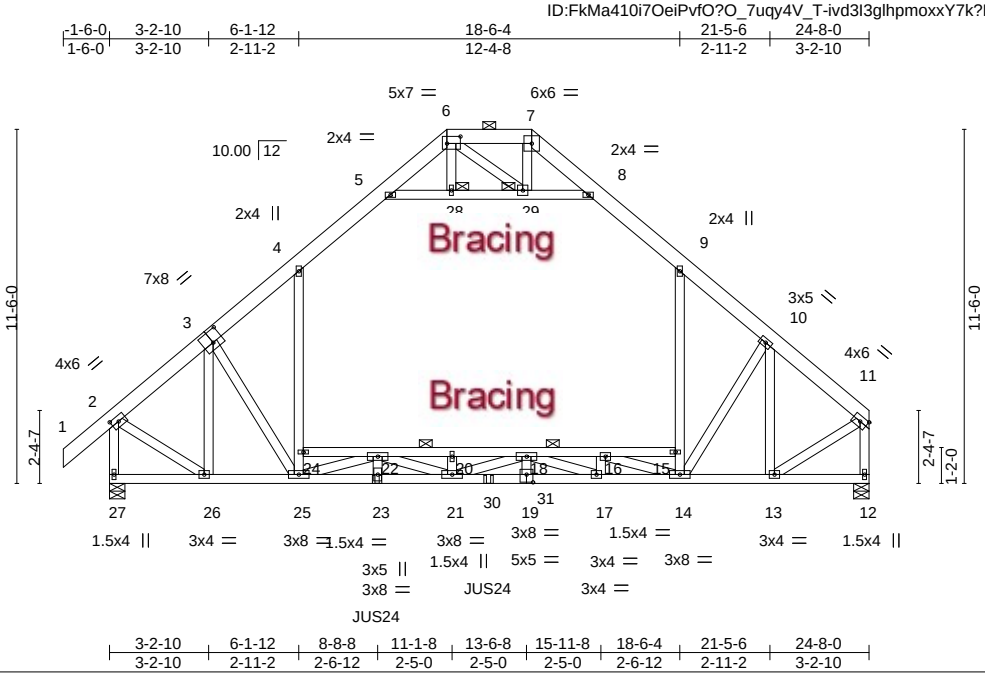


Plate Offsets (X,Y)-- [2:0-2-14,0-2-0], [3:0-4-0,0-4-8], [6:0-5-4,0-2-12], [19:0-2-8,0-3-0]

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 0.97	Vert(LL) 0.23 23-25 >999 240	MT20 244/190
TCDL 10.0		Lumber DOL 1.25	BC 0.94	Vert(CT) -0.39 20-22 >758 180	
BCLL 0.0	*	Rep Stress Incr NO	WB 0.53	Horz(CT) 0.05 12 n/a n/a	
BCDL 10.0		Code FBC2020/TPI2014	Matrix-MS	Attic -0.14 15-24 1079 360	Weight: 471 lb FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
19-27: 2x4 SP No.1
WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (10-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 5-2-0 oc bracing: 15-24
JOINTS 1 Brace at Jt(s): 28, 29

REACTIONS. (size) 27=0-6-0, 12=0-6-0
Max Horz 27=256(LC 7)
Max Uplift 27=-273(LC 8), 12=-141(LC 8)
Max Grav 27=2577(LC 30), 12=2230(LC 31)

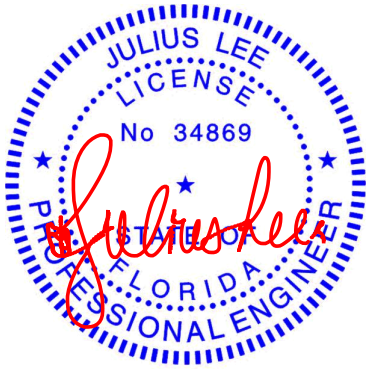
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 2-3=-2129/263, 3-4=-2614/349, 4-5=-1506/207, 5-6=-110/354, 6-7=-130/692, 7-8=-113/382, 8-9=-1579/237, 9-10=-2449/269, 10-11=-1892/157, 2-27=-2548/293, 11-12=-2167/146
BOT CHORD 25-26=-204/1715, 23-25=-1165/6109, 21-23=-1165/6109, 19-21=-1055/6624, 17-19=-1055/6624, 14-17=-313/4106, 13-14=-46/1452, 20-22=-5735/1318, 18-20=-5735/1318, 16-18=-2559/345, 15-16=-239/432
WEBS 3-26=-1042/105, 3-25=-100/283, 24-25=-331/1425, 4-24=-321/1631, 5-28=-2235/382, 28-29=-2229/383, 8-29=-2369/431, 14-15=-195/1163, 9-15=-175/1332, 10-14=-250/423, 10-13=-1140/139, 2-26=-106/1868, 11-13=-75/1707, 6-29=-268/186, 22-23=-312/806, 20-21=-283/0, 18-19=-202/490, 16-17=-173/688, 22-25=-4431/973, 21-22=-445/1653, 18-21=-463/892, 17-18=-2780/843, 14-16=-2953/404

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-7-0 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 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=25ft; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
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) Ceiling dead load (5.0 psf) on member(s). 4-5, 8-9, 5-28, 28-29, 8-29; Wall dead load (5.0psf) on member(s).4-24, 9-15

Continued on page 2



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NOTES-

10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 22-24, 20-22, 18-20, 16-18, 15-16
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 27=273, 12=141.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Use USP JUS24 (With 4-10d nails into Girder & 2-10d nails into Truss) or equivalent spaced at 3-7-7 oc max. starting at 8-8-4 from the left end to 12-3-11 to connect truss(es) to front face of bottom chord.
14) Fill all nail holes where hanger is in contact with lumber.
15) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-2=-60, 2-4=-60, 4-5=-70, 5-6=-60, 6-7=-60, 7-8=-60, 8-9=-70, 9-11=-60, 12-27=-20, 15-24=-30, 5-8=-10
   Drag: 4-24=-10, 9-15=-10
   Concentrated Loads (lb)
   Vert: 23=-766(F) 30=-407(F)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	D04GE	GABLE	1	1	T26436711
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:39 2022 Page 1
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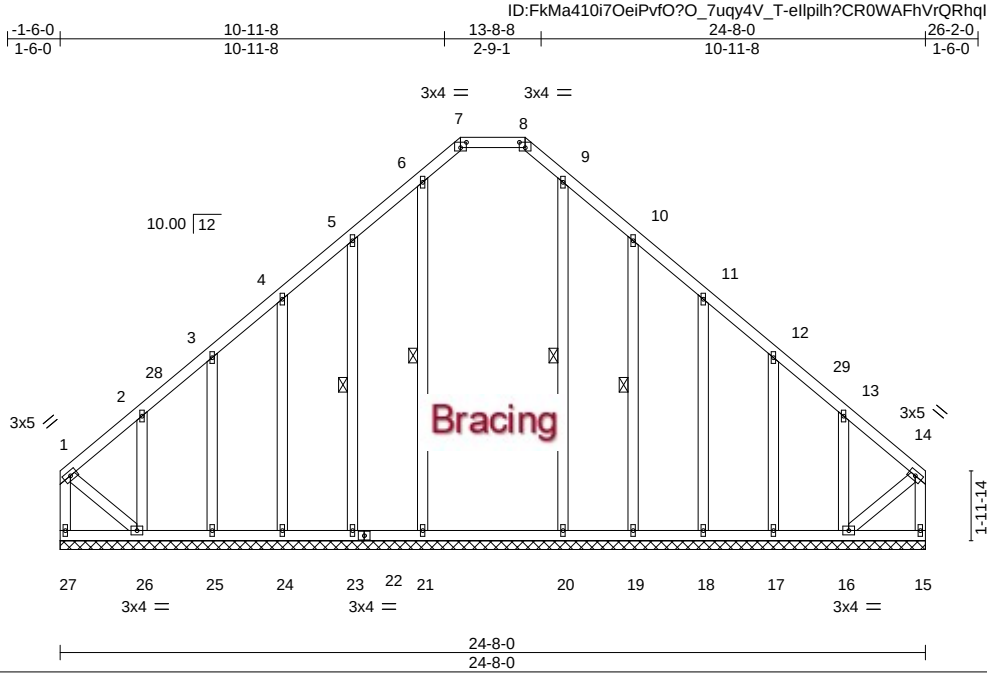

Plate Offsets (X,Y)-- [7:0-2-0,0-1-13], [8:0-2-0,0-1-13]

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	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	15	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 196 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 7-8.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 6-21, 5-23, 9-20, 10-19

REACTIONS. All bearings 24-8-0.
(lb) - Max Horz 27=238(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 15, 23, 24, 25, 19, 18, 17 except 27=-108(LC 10), 26=-177(LC 12), 16=-177(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 23, 24, 25, 19, 18, 17 except 27=280(LC 18), 15=260(LC 17), 21=299(LC 17), 26=268(LC 17), 20=285(LC 18), 16=258(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-27=-299/125, 14-15=-286/99
WEBS 1-26=-142/281, 14-16=-133/271

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; B=45ft; L=25ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) 0-1-12 to 3-1-12, Exterior(2N) 3-1-12 to 11-4-15, Corner(3E) 11-4-15 to 13-3-1, Corner(3R) 13-3-1 to 16-4-0, Exterior(2N) 16-4-0 to 24-6-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) All plates are 1.5x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * 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.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15, 23, 24, 25, 19, 18, 17 except (jt=lb) 27=108, 26=177, 16=177.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	G01	Common Girder	1	2	T26436712

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:40 2022 Page 1

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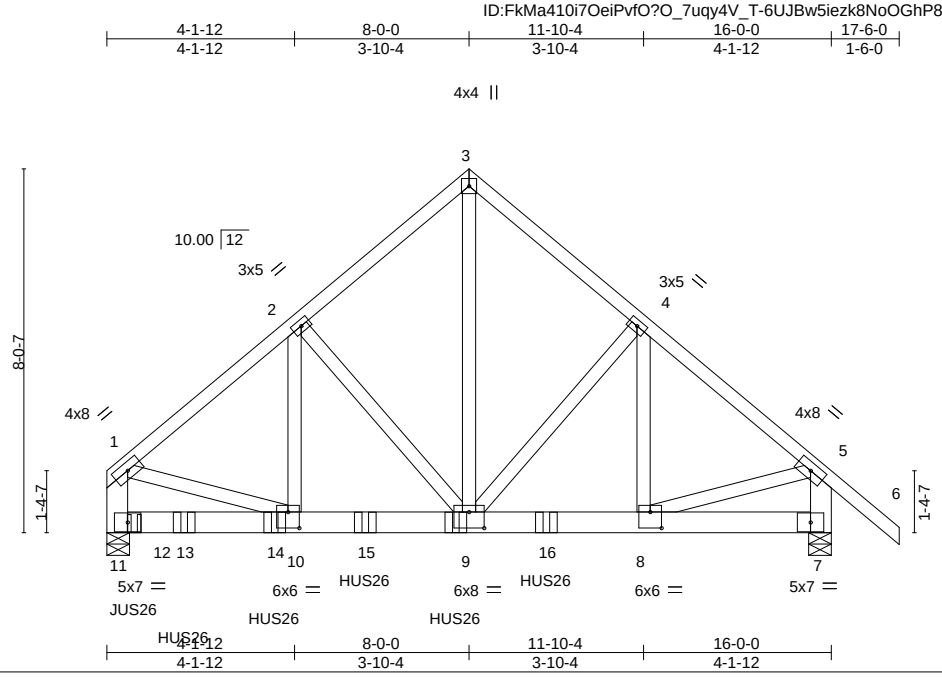


Plate Offsets (X,Y)-- [4:0-0-0,0-0-0], [5:0-0-0,0-0-0], [8:0-3-0,0-4-4], [9:0-4-0,0-4-4], [10:0-3-0,0-4-4]

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	0.32	Vert(LL)	-0.04	8-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.25	BC	0.61	Vert(CT)	-0.08	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr NO	WB	0.41	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014	Matrix-MS							Weight: 252 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2 *Except*
1-11,5-7: 2x6 SP No.2

BRACING-

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

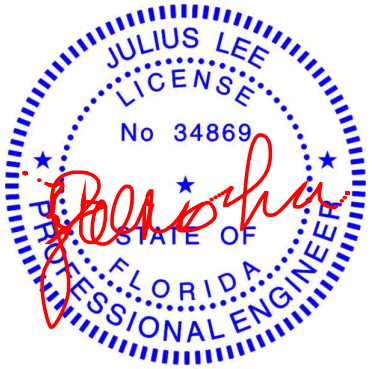
REACTIONS. (size) 11=0-6-0, 7=0-6-0
Max Horz 11=-179(LC 23)
Max Grav 11=5515(LC 2), 7=2915(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4291/0, 2-3=-3067/0, 3-4=-3066/0, 4-5=-3231/0, 1-11=-3581/0, 5-7=-2905/0
BOT CHORD 10-11=-30/676, 9-10=0/3243, 8-9=0/2422
WEBS 2-10=0/1696, 2-9=-1428/0, 3-9=0/3642, 1-10=0/2750, 5-8=0/2429

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, 2x6 - 2 rows staggered at 0-6-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-7-0 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 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) Bearing at joint(s) 11, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 0-7-4 from the left end to connect truss(es) to front face of bottom chord.
10) Use USP HUS26 (With 14-16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-8-8 from the left end to 9-8-8 to connect truss(es) to front face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard



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6904 Parke East Blvd. Tampa FL 33610
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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, 3-5=-60, 5-6=-60, 7-11=-20
   Concentrated Loads (lb)
   Vert: 9=-1085(F) 8=-237 12=-1067(F) 13=-1088(F) 14=-1088(F) 15=-1088(F) 16=-1088(F)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	G02	Common Girder	1	2	T26436713

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:42 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-2tRyLnkuVMO51iQ4XZ?OSwsTO2mhfWCrocO6qPzylZp

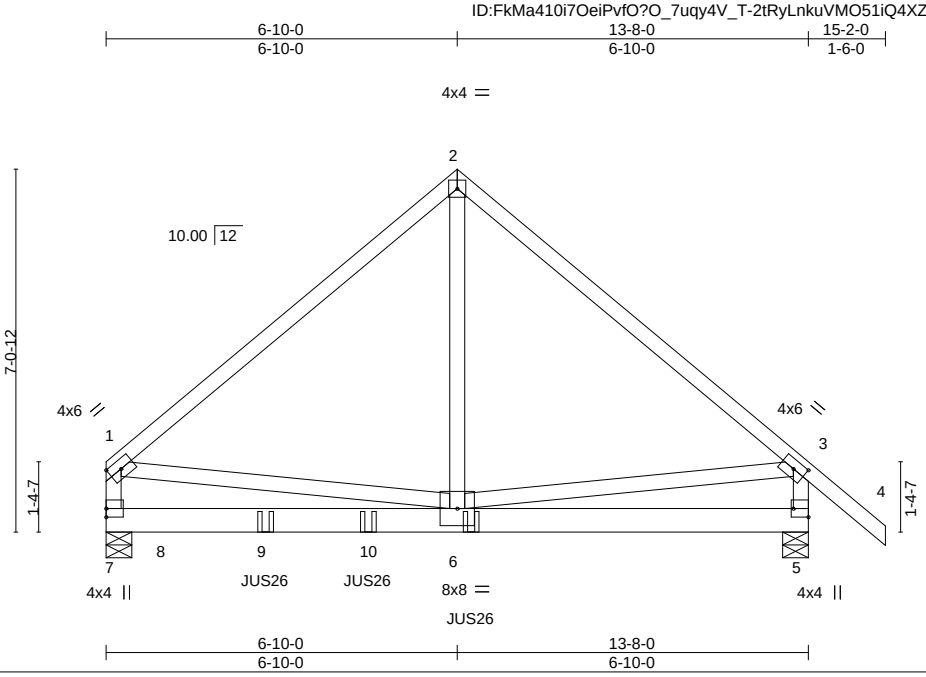


Plate Offsets (X,Y)-- [3:0-2-14,0-2-0], [5:Edge,0-3-8]

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	0.41	Vert(LL)	-0.05	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.25	BC	0.51	Vert(CT)	-0.10	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr NO	WB	0.17	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014	Matrix-MS							Weight: 185 lb	FT = 20%

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

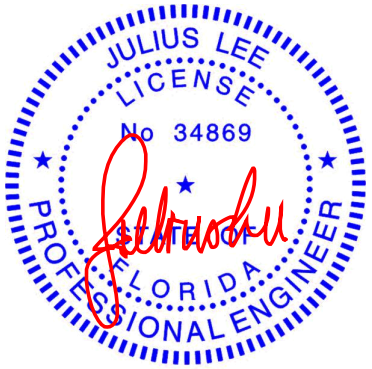
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=0-6-0, 5=0-6-0
Max Horz 7=-159(LC 23)
Max Uplift 7=-122(LC 8), 5=-228(LC 8)
Max Grav 7=1841(LC 1), 5=1402(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1591/262, 2-3=-1600/267, 1-7=-1244/206, 3-5=-1407/239
BOT CHORD 6-7=-76/527
WEBS 2-6=-230/1501, 1-6=-244/713, 3-6=-228/1043

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 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 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 7=122, 5=228.
9) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 3-1-4 from the left end to 7-1-4 to connect truss(es) to back face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 275 lb down and 39 lb up at 1-1-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

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: 1-2=-60, 2-3=-60, 3-4=-60, 5-7=-20
   Concentrated Loads (lb)
   Vert: 6=-1023(B) 8=-275 9=-388(B) 10=-388(B)

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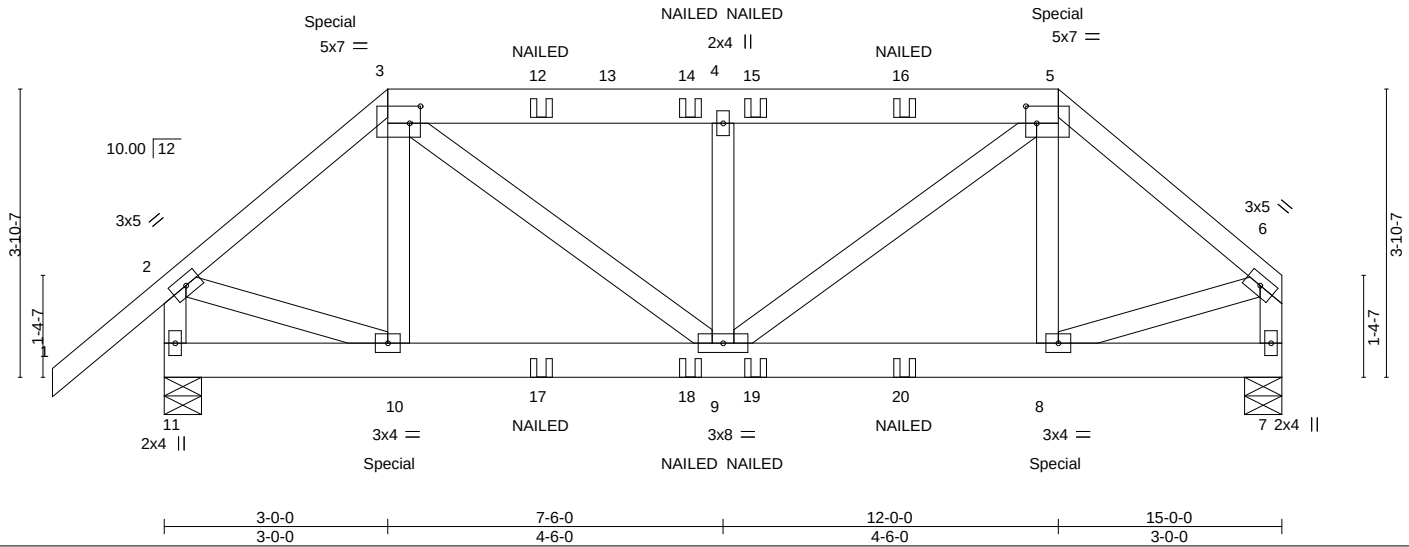
Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H01	Hip Girder	1	1	T26436714

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:43 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-W3?KY7lWGfWxfs?G4GWd?8PhFSC?O_V_0G8fMrzylZo

-1-6-0	3-0-0	7-6-0	12-0-0	15-0-0
1-6-0	3-0-0	4-6-0	4-6-0	3-0-0

Scale = 1:30.9



3-0-0	7-6-0	12-0-0	15-0-0
3-0-0	4-6-0	4-6-0	3-0-0

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

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	0.21	Vert(LL)	0.02	9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	-0.02	9	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.10	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 110 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 3-5: 2x6 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 10-11.

REACTIONS. (size) 11=0-6-0, 7=0-6-0
Max Horz 11=95(LC 7)
Max Uplift 11=-312(LC 8), 7=-270(LC 8)
Max Grav 11=842(LC 36), 7=742(LC 37)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-750/324, 3-4=-844/366, 4-5=-844/366, 5-6=-759/321, 2-11=-815/326, 6-7=-713/281
BOT CHORD 9-10=-250/561, 8-9=-234/556
WEBS 3-9=-139/400, 4-9=-343/161, 5-9=-140/384, 2-10=-227/579, 6-8=-236/556

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=312, 7=270.
8) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 204 lb down and 133 lb up at 3-0-0, and 204 lb down and 133 lb up at 12-0-0 on top chord, and 46 lb down and 182 lb up at 3-0-0, and 46 lb down and 182 lb up at 11-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) 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: 1-2=-60, 2-3=-60, 3-5=-60, 5-6=-60, 7-11=-20

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 3=-106(F) 5=-106(F) 10=88(F) 8=88(F) 12=-1(F) 14=-1(F) 15=-1(F) 16=-1(F) 17=-3(F) 18=-3(F) 19=-3(F) 20=-3(F)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H02	Hip Girder	1	2	T26436715

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:45 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-TS64zommoHmfuA9fChY54ZU20GqtssUHUadmRkzylZm

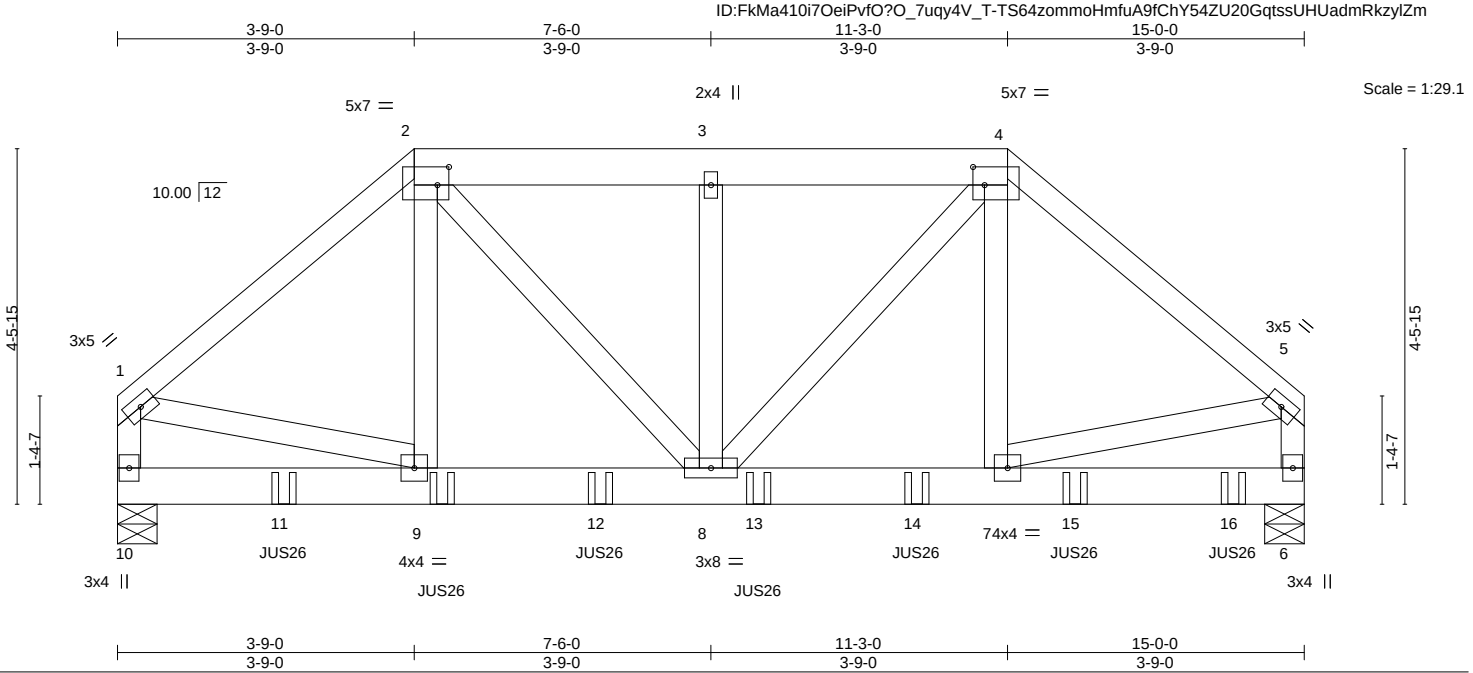

Plate Offsets (X,Y)-- [2:0-1-12,0-2-12], [4:0-1-12,0-2-12]

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	0.19	Vert(LL)	-0.02	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.04	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.20	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 222 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 2-4: 2x6 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, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 10=0-6-0, 6=0-6-0
Max Horz 10=90(LC 7)
Max Grav 10=2444(LC 1), 6=2760(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2510/0, 2-3=-2509/0, 3-4=-2509/0, 4-5=-2534/0, 1-10=-2158/0, 5-6=-2171/0
BOT CHORD 8-9=0/1899, 7-8=0/1918
WEBS 2-9=0/712, 2-8=0/932, 3-8=-270/48, 4-8=0/904, 4-7=0/748, 1-9=0/1768, 5-7=0/1760

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, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered 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 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
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) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-1-4 from the left end to 14-1-4 to connect truss(es) to back face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 2-4=-60, 4-5=-60, 6-10=-20

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 9=-575(B) 11=-575(B) 12=-575(B) 13=-575(B) 14=-575(B) 15=-575(B) 16=-578(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H03	Half Hip Girder	1	1	T26436716

Job Reference (optional)

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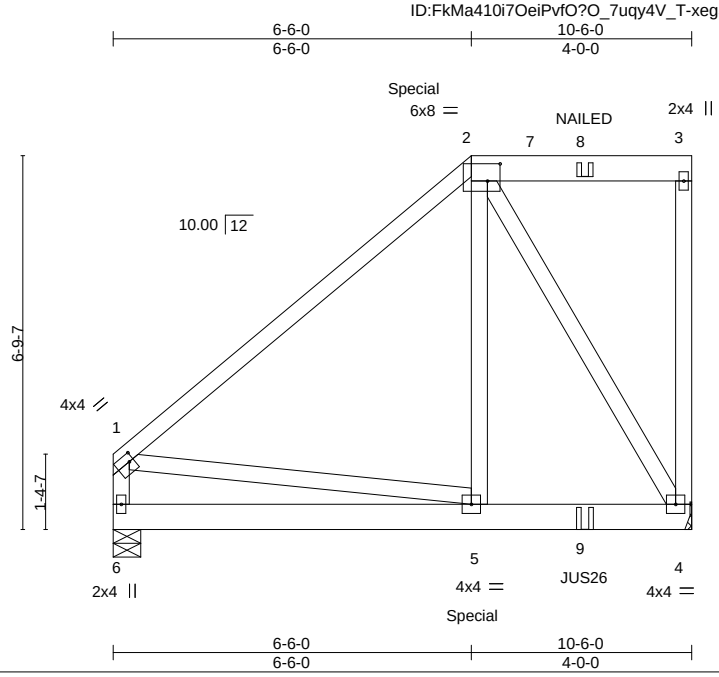
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-xegSA8nOZavWWJkrmO3Kcm16wfBob7jRiENJzAzylZl



Scale = 1:41.8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.02	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.04	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.90	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 85 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 2-3: 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-2-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-6-0, 4=Mechanical
Max Horz 6=189(LC 7)
Max Uplift 6=-190(LC 8), 4=-488(LC 5)
Max Grav 6=721(LC 1), 4=1107(LC 36)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-794/301, 1-6=-661/230
BOT CHORD 4-5=-279/555
WEBS 2-5=-262/711, 2-4=-1033/456, 1-5=-309/456

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=190, 4=488.
9) Use USP JUS26 (With 4-10d nails into Girder & 2-10d nails into Truss) or equivalent at 8-6-12 from the left end to connect truss(es) to back face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.
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) 394 lb down and 354 lb up at 6-6-0 on top chord, and 532 lb down and 252 lb up at 6-6-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) 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

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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: 1-2=-60, 2-3=-60, 4-6=-20
   Concentrated Loads (lb)
   Vert: 2=-232(B) 5=-532(B) 8=54(B) 9=-237(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H3A	Common	2	1	T26436717
					Job Reference (optional)

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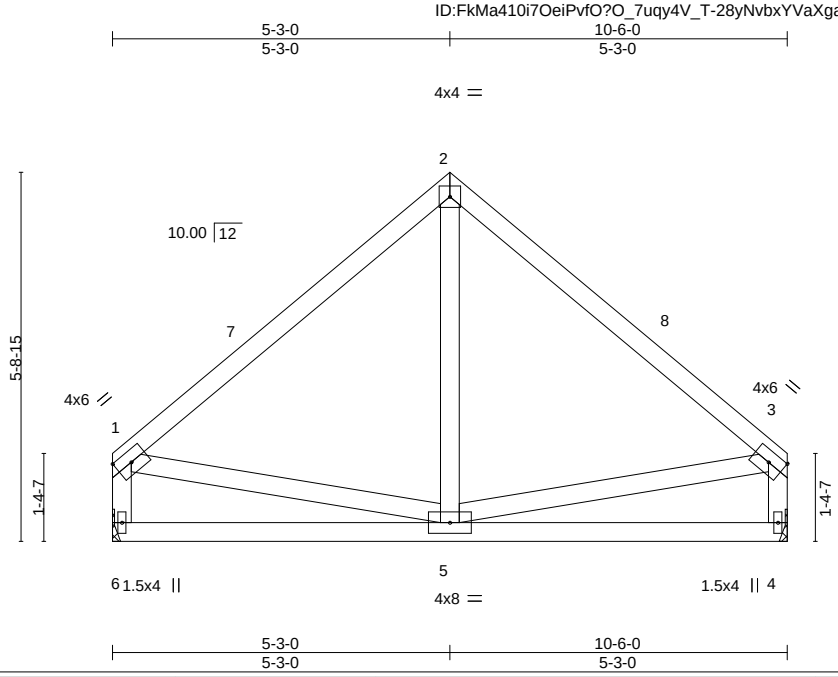


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.01	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	-0.03	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 62 lb	FT = 20%

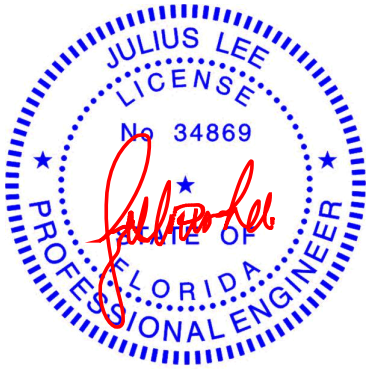
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 6=Mechanical, 4=Mechanical
Max Horz 6=-117(LC 10)
Max Grav 6=408(LC 1), 4=408(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-383/102, 2-3=-383/102, 1-6=-360/100, 3-4=-360/100

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 5-3-0, Exterior(2R) 5-3-0 to 8-3-0, Interior(1) 8-3-0 to 10-4-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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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Date:

January 5,2022

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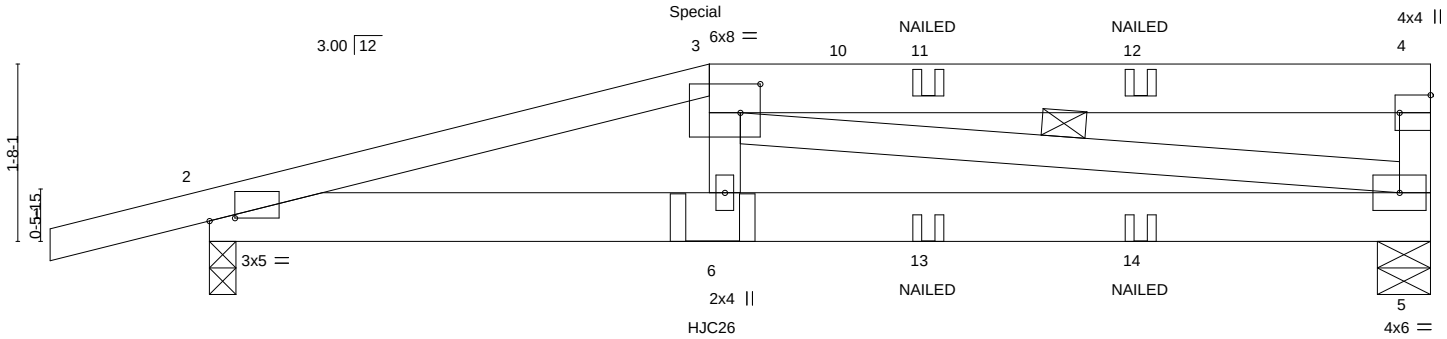
Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H04	Half Hip Girder	2	1	T26436718

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:47 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-PqEqOUo1Ku1N8TI2J6aZ9_aKk3TVKkZaxu6tVdzylZk

-1-6-0 1-6-0 | 4-8-8 4-8-8 | 11-6-0 6-9-8

Scale = 1:21.7



4-8-8 4-8-8 | 11-6-0 6-9-8

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

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	0.43	Vert(LL)	-0.05	6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.10	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.29	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 64 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 3-4: 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2

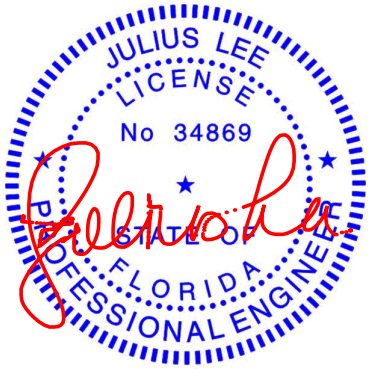
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 3-5

REACTIONS. (size) 5=0-6-0, 2=0-3-0
Max Horz 2=39(LC 7)
Max Uplift 2=-33(LC 8)
Max Grav 5=657(LC 1), 2=724(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1635/0, 3-4=-258/11, 4-5=-280/52
BOT CHORD 2-6=0/1561, 5-6=0/1580
WEBS 3-6=0/349, 3-5=-1350/0

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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
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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
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.
10) Use USP HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent at 4-8-14 from the left end to connect truss(es) to back face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.
12) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
13) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 176 lb down and 101 lb up at 4-8-8 on top chord. The design/selection of such connection device(s) is the responsibility of others.
14) 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



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Continued on page 2

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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, 5-7=-20
   Concentrated Loads (lb)
   Vert: 3=-129(B) 6=-70(B) 11=-59(B) 12=-59(B) 13=-32(B) 14=-32(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H05	Half Hip	1	1	T26436719

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:48 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-t1oDbqof5C9EldtEtp6oiB6V7Trq3BckAYsQ23zylZj

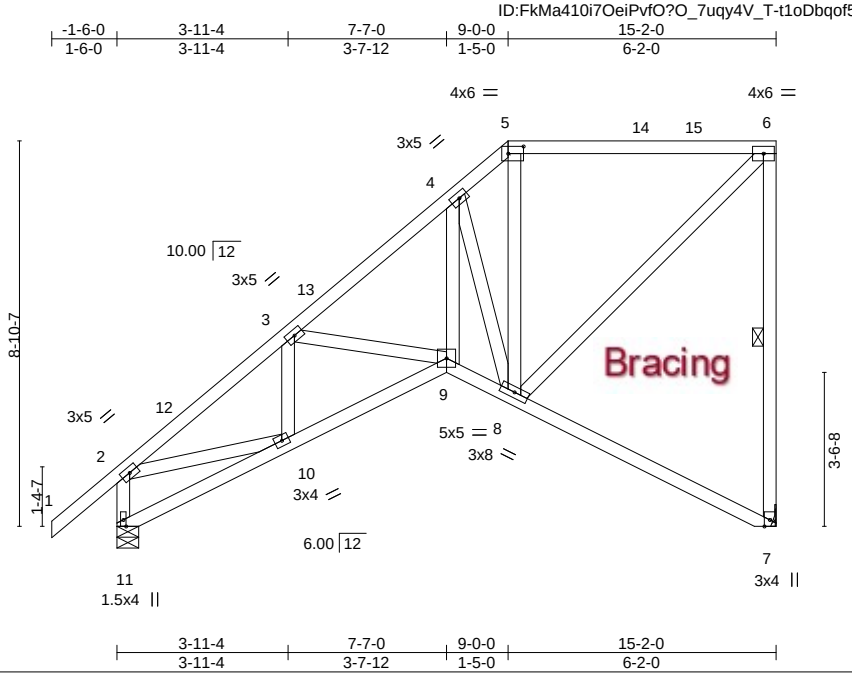


Plate Offsets (X,Y)-- [5:0-4-4,0-2-0]

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	0.39	Vert(LL)	-0.04	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.08	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 116 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied.
WEBS	1 Row at midpt 6-7

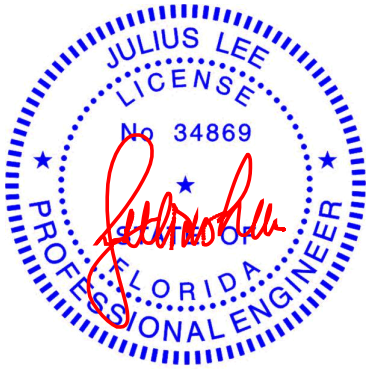
REACTIONS. (size) 7=Mechanical, 11=0-6-0
Max Horz 11=279(LC 9)
Max Uplift 7=-71(LC 9), 11=-30(LC 12)
Max Grav 7=590(LC 1), 11=699(LC 1)

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

TOP CHORD	2-3=-939/204, 3-4=-825/231, 4-5=-477/113, 5-6=-389/110, 6-7=-541/205, 2-11=-669/153
BOT CHORD	10-11=-462/365, 9-10=-540/876, 8-9=-443/726
WEBS	4-9=-443/746, 4-8=-655/429, 6-8=-258/562, 2-10=-70/656

NOTES-

1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 9-0-0, Exterior(2R) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 15-0-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 11.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H06	Half Hip	2	1	T26436720
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:49 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-LDMbpApHsVH5NnSQRXd1EPfeFtB4oaNtPCb_aVzylZi

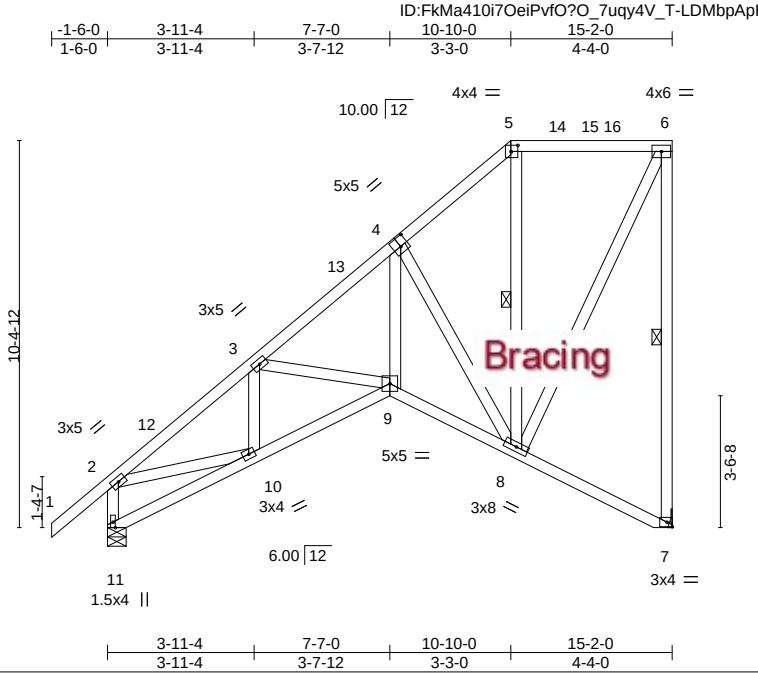


Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [5:0-2-4,0-2-0]

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)	-0.03	9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL 1.25	BC	0.33	Vert(CT)	-0.06	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.53	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014	Matrix-AS							Weight: 127 lb	FT = 20%

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

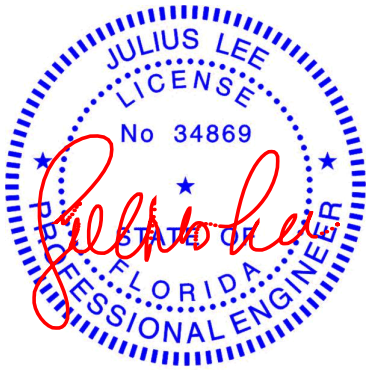
BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 6-7, 5-8

REACTIONS. (size) 7=Mechanical, 11=0-6-0
Max Horz 11=325(LC 9)
Max Uplift 7=-71(LC 9), 11=-23(LC 12)
Max Grav 7=731(LC 1), 11=713(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-965/168, 3-4=-861/183, 4-5=-344/109, 6-7=-695/211, 2-11=-681/133
BOT CHORD 10-11=-534/419, 9-10=-585/939, 8-9=-470/792
WEBS 4-9=-449/848, 4-8=-745/424, 6-8=-254/564, 2-10=-44/678

NOTES-
1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 10-10-0, Exterior(2E) 10-10-0 to 15-0-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 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.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 11.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 61 lb down and 41 lb up at 10-10-0, and 54 lb down and 35 lb up at 12-10-12, and 80 lb down and 20 lb up at 15-0-4 on top 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, 2-5=-60, 5-6=-60, 9-11=-20, 7-9=-20



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January 5,2022

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LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 5=-21 6=-80 15=-54

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H07	Half Hip	1	1	T26436721

Job Reference (optional)

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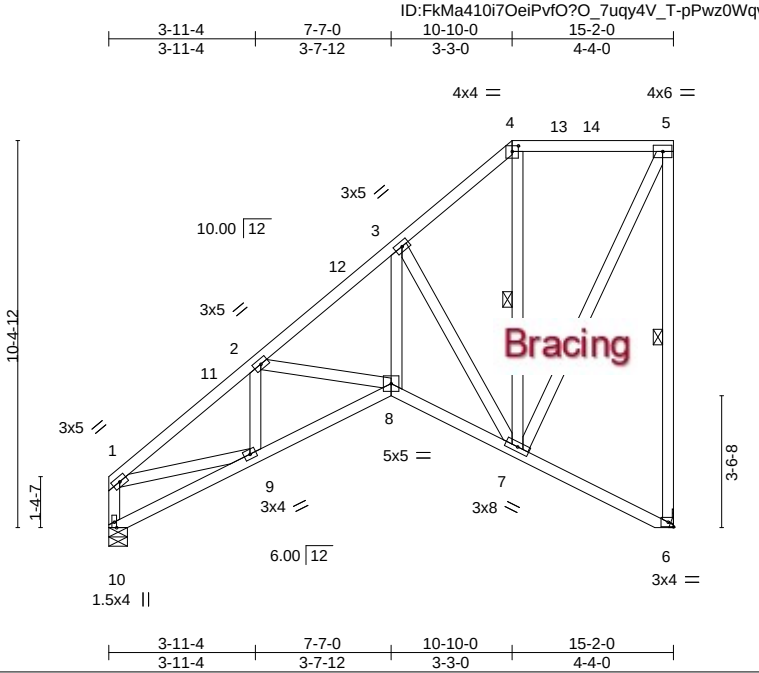

Plate Offsets (X,Y)-- [4:0-2-0,0-1-13]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.03	8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.06	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.07	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 124 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied.
WEBS	1 Row at midpt 5-6, 4-7

REACTIONS. (size) 6=Mechanical, 10=0-6-0
Max Horz 10=307(LC 32)
Max Uplift 6=-74(LC 9)
Max Grav 6=733(LC 1), 10=606(LC 1)

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

TOP CHORD	1-2=-983/163, 2-3=-876/192, 3-4=-366/118, 5-6=-697/215, 1-10=-596/111
BOT CHORD	9-10=-522/430, 8-9=-582/937, 7-8=-488/804
WEBS	3-8=-452/855, 3-7=-792/448, 5-7=-255/562, 1-9=-52/657

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-10-0, Exterior(2E) 10-10-0 to 15-0-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6.
10) 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.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 31 lb down and 41 lb up at 10-10-0, and 56 lb down and 36 lb up at 12-10-12, and 82 lb down and 21 lb up at 15-0-4 on top 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

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-4=-60, 4-5=-60, 8-10=-20, 6-8=-20

Concentrated Loads (lb)

Vert: 4=-12 5=-82 14=-56

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H08	Half Hip	1	1	T26436722

Job Reference (optional)

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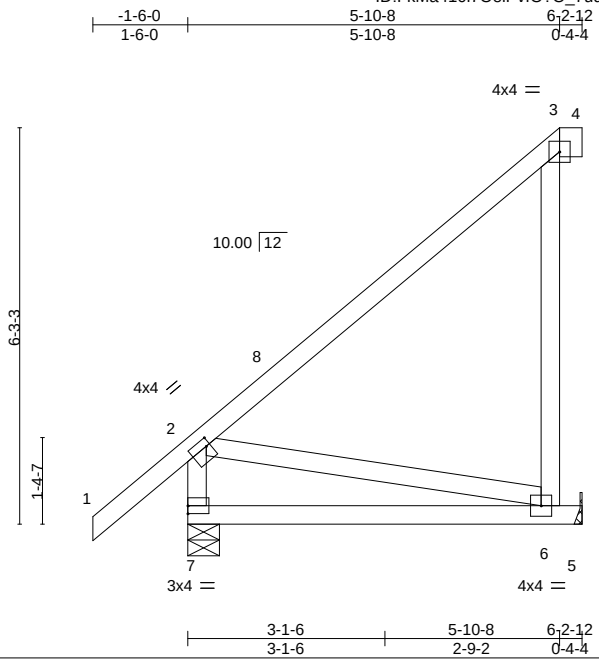

Plate Offsets (X,Y)-- [2:0-0-12,0-1-8]

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	0.35	Vert(LL)	-0.04	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.10	6-7	>740	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 42 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
3-4: 2x6 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. (size) 7=0-6-0, 5=Mechanical
Max Horz 7=185(LC 12)
Max Uplift 5=-77(LC 12)
Max Grav 7=353(LC 1), 5=251(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-260/56
BOT CHORD 6-7=-457/341
WEBS 2-6=-351/471

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 5-10-8, Exterior(2E) 5-10-8 to 6-2-12 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H09	Common	1	1	T26436723

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:52 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-lo1jRCs98QfgEEB?6fAks1H854Bm?2wJ5AqeBqzylZf

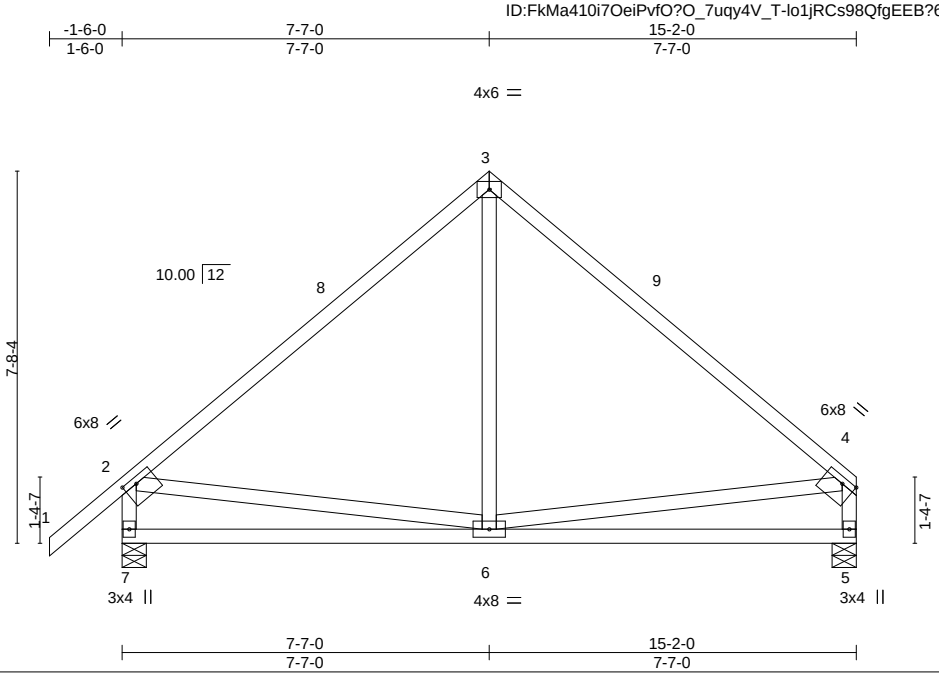


Plate Offsets (X,Y)-- [2:0-3-4,0-1-8], [4:0-3-4,0-1-8]

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	0.52	Vert(LL)	-0.06	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.11	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 90 lb	FT = 20%

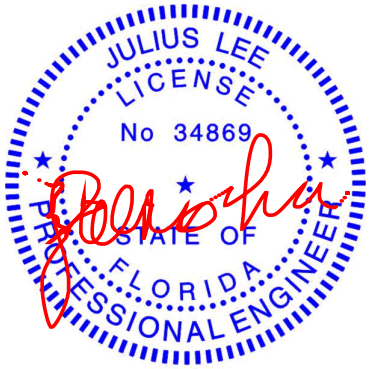
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 7=0-6-0, 5=0-6-0
Max Horz 7=173(LC 11)
Max Uplift 7=-41(LC 12)
Max Grav 7=699(LC 1), 5=590(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-587/92, 3-4=-580/89, 2-7=-630/134, 4-5=-520/81
BOT CHORD 6-7=-159/364
WEBS 3-6=0/293

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 7-7-0, Exterior(2R) 7-7-0 to 10-7-0, Interior(1) 10-7-0 to 15-0-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H10	Scissor	4	1	T26436724
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:52 2022 Page 1
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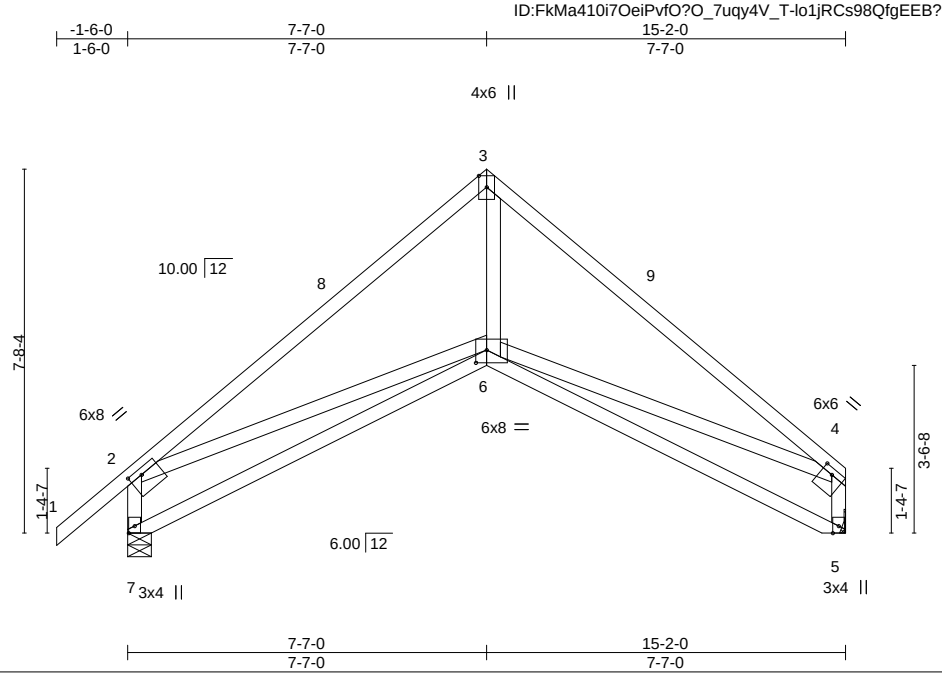


Plate Offsets (X,Y)-- [2:0-3-4,0-1-8], [4:0-2-12,0-1-8], [6:0-2-12,0-3-4]

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	0.57	Vert(LL)	-0.09	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.18	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.06	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 90 lb	FT = 20%

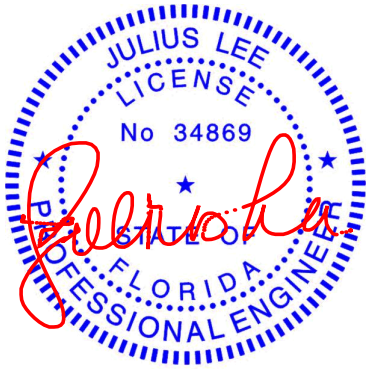
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 7=0-6-0, 5=Mechanical
Max Horz 7=178(LC 11)
Max Uplift 7=-40(LC 12)
Max Grav 7=699(LC 1), 5=590(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-984/70, 3-4=-977/79, 2-7=-727/163, 4-5=-614/115
BOT CHORD 6-7=-182/422, 5-6=-87/275
WEBS 3-6=0/674, 2-6=0/456, 4-6=0/544

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 7-7-0, Exterior(2R) 7-7-0 to 10-7-0, Interior(1) 10-7-0 to 15-0-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H11	PIGGYBACK BASE	5	1	T26436725

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:53 2022 Page 1
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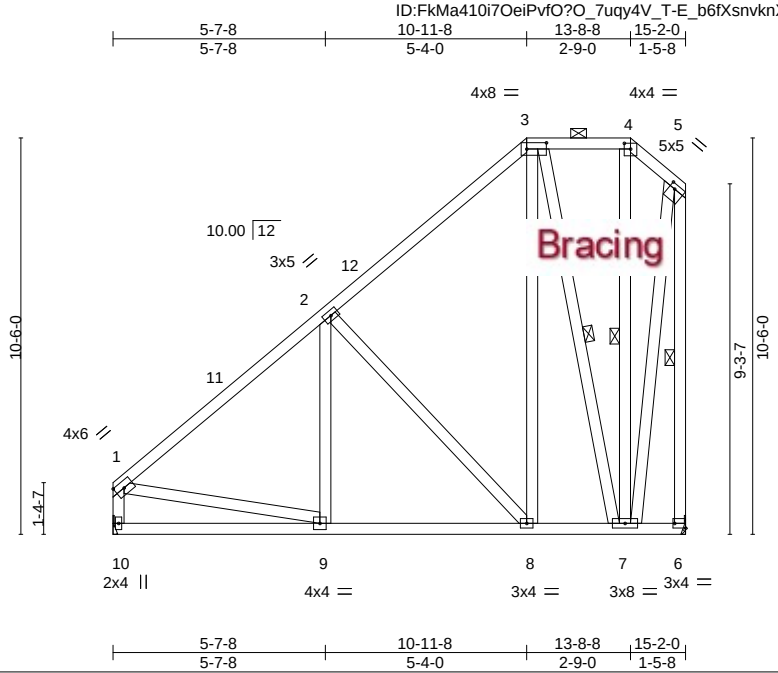

Plate Offsets (X,Y)-- [3:0-6-4,0-2-0], [4:0-2-0,0-1-13], [5:0-1-12,0-1-8], [6:Edge,0-1-8]

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	0.39	Vert(LL)	-0.02	8-9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.05	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 151 lb	FT = 20%

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, and 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 3-7, 4-7, 5-6

REACTIONS. (size) 10=Mechanical, 6=Mechanical
Max Horz 10=294(LC 11)
Max Uplift 6=-49(LC 9)
Max Grav 10=595(LC 1), 6=596(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-615/64, 2-3=-363/140, 4-5=-282/248, 1-10=-543/52, 5-6=-559/138
BOT CHORD 9-10=-415/369, 8-9=-255/460, 7-8=-155/256
WEBS 2-8=-356/146, 3-8=-60/353, 3-7=-477/191, 1-9=0/323, 5-7=-196/483

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-11-8, Exterior(2E) 10-11-8 to 15-0-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H12	PIGGYBACK BASE	1	1	T26436726

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:54 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-iA9UsttQg2vOTYLOE4CCxSMWWuwXTuHcYUJkFjzylZd

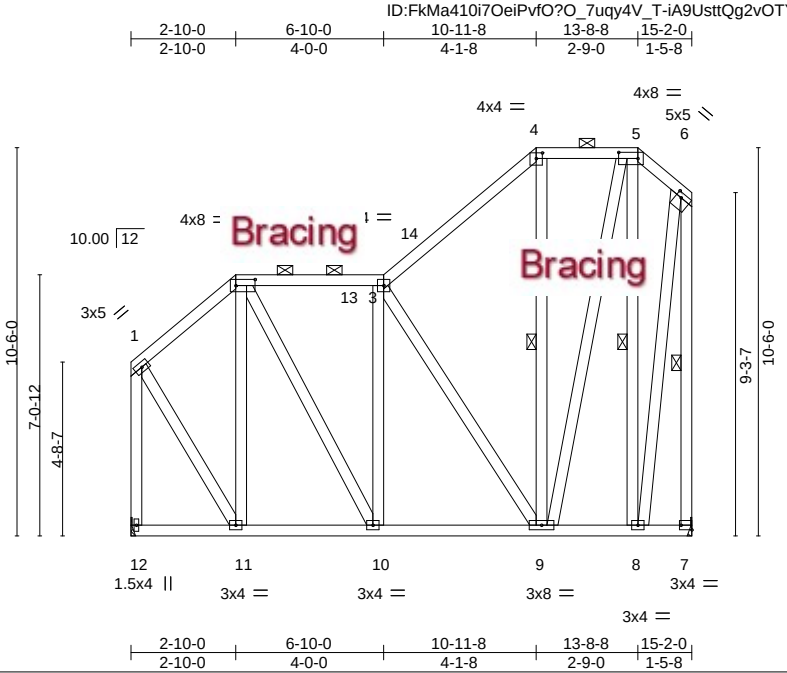


Plate Offsets (X,Y)-- [2:0-6-4,0-2-0], [4:0-2-0,0-1-13], [5:0-6-4,0-2-0], [6:0-1-12,0-1-8], [7:Edge,0-1-8]

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	0.40	Vert(LL)	-0.01	9	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.04	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.36	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 177 lb	FT = 20%

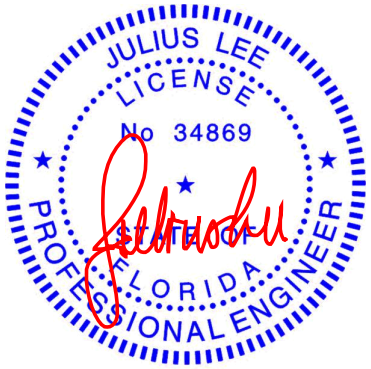
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-3, 4-5.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-9, 5-8, 6-7

REACTIONS. (size) 12=Mechanical, 7=Mechanical
Max Horz 12=287(LC 11)
Max Uplift 7=-54(LC 9)
Max Grav 12=595(LC 1), 7=595(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-319/71, 2-3=-334/80, 3-4=-334/139, 5-6=-292/249, 1-12=-569/77, 6-7=-559/134
BOT CHORD 11-12=-369/322, 10-11=-295/398, 9-10=-228/431
WEBS 2-11=-268/95, 2-10=-52/301, 3-9=-325/141, 5-9=-184/461, 5-8=-550/295, 1-11=-54/391, 6-8=-190/472

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 2-10-0, Exterior(2R) 2-10-0 to 5-10-0, Interior(1) 5-10-0 to 10-11-8, Exterior(2E) 10-11-8 to 15-0-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H12GE	Common Supported Gable	1	1	T26436727

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:55 2022 Page 1

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Scale = 1:41.6

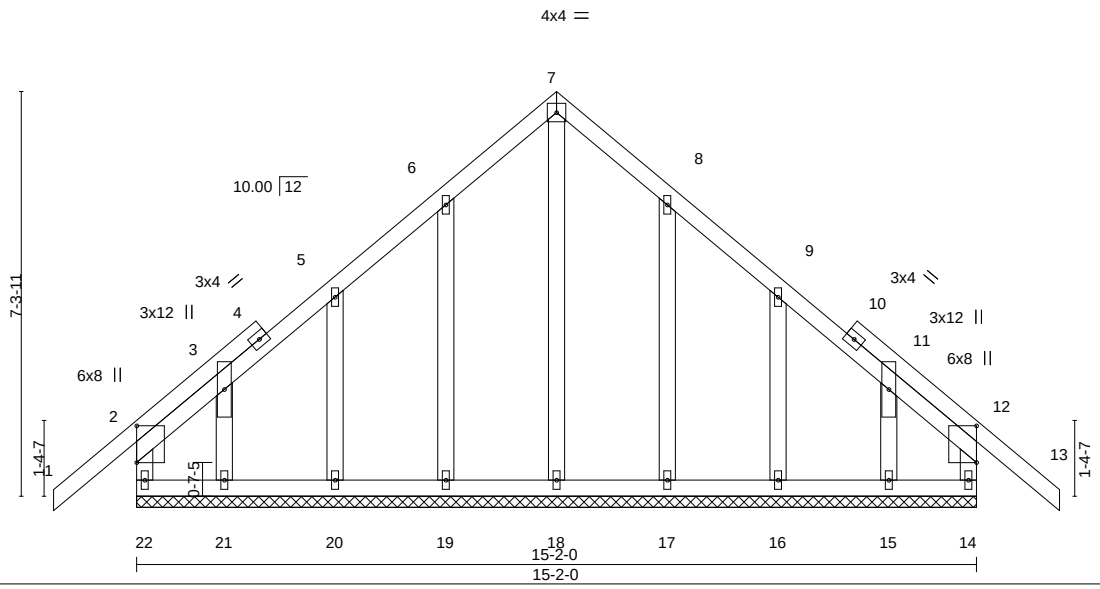


Plate Offsets (X,Y)-- [2:0-7-15,0-0-0], [12:0-7-15,0-0-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	-0.01	13	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.01	13	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.21	Horz(CT)	-0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-R							Weight: 110 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 15-2-0.

(lb) - Max Horz 22=-169(LC 10)

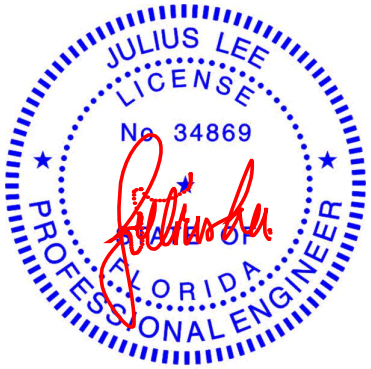
Max Uplift All uplift 100 lb or less at joint(s) 22, 14, 19, 20, 21, 17, 16, 15

Max Grav All reactions 250 lb or less at joint(s) 22, 14, 18, 19, 20, 21, 17, 16, 15

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 7-16; 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 Corner(3E) -1-6-0 to 1-6-8, Exterior(2N) 1-6-8 to 7-7-0, Corner(3R) 7-7-0 to 10-7-0, Exterior(2N) 10-7-0 to 16-8-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 14, 19, 20, 21, 17, 16, 15.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H13	PIGGYBACK BASE	1	1	T26436728

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:56 2022 Page 1
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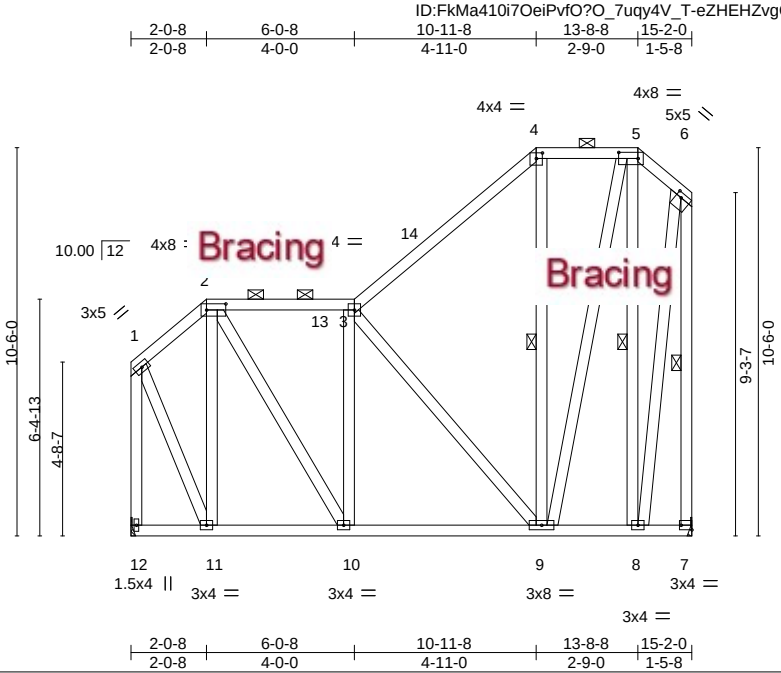


Plate Offsets (X,Y)-- [2:0-6-4,0-2-0], [4:0-2-0,0-1-13], [5:0-6-4,0-2-0], [6:0-1-12,0-1-8], [7:Edge,0-1-8]

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	0.40	Vert(LL)	-0.02	9-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.05	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 173 lb	FT = 20%

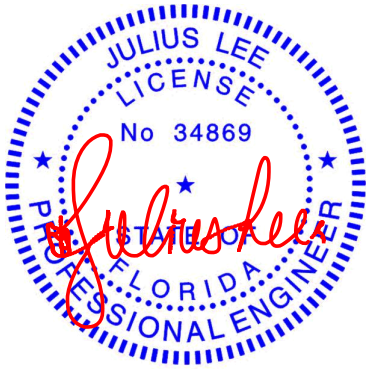
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-3, 4-5.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-9, 5-8, 6-7

REACTIONS. (size) 12=Mechanical, 7=Mechanical
Max Horz 12=287(LC 11)
Max Uplift 7=-53(LC 9)
Max Grav 12=595(LC 1), 7=595(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-264/70, 2-3=-361/65, 3-4=-352/131, 5-6=-293/250, 1-12=-575/70, 6-7=-557/134
BOT CHORD 11-12=-364/320, 10-11=-310/389, 9-10=-241/463
WEBS 2-11=-337/104, 2-10=-61/381, 3-9=-318/138, 5-9=-185/479, 5-8=-552/288, 1-11=-64/423, 6-8=-188/468

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 2-0-8, Exterior(2R) 2-0-8 to 5-0-8, Interior(1) 5-0-8 to 10-11-8, Exterior(2E) 10-11-8 to 15-0-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7.
9) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H14	Roof Special Girder	1	1	T26436729

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:57 2022 Page 1

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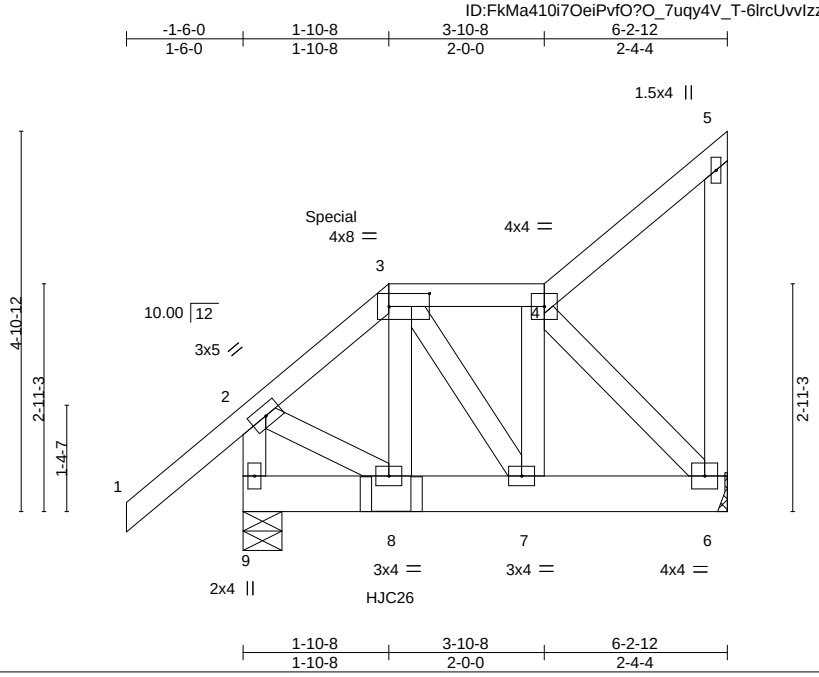


Plate Offsets (X,Y)-- [3:0-6-4,0-2-0]

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	0.21	Vert(LL)	-0.00	8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.00	8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.03	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 54 lb	FT = 20%

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, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=Mechanical, 9=0-6-0
Max Horz 9=147(LC 7)
Max Uplift 6=-71(LC 5), 9=-110(LC 8)
Max Grav 6=244(LC 28), 9=339(LC 29)

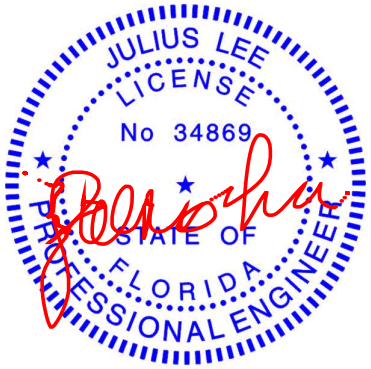
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-9=-320/115

NOTES-

1) Wind: ASCE 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 6 except (jt=lb) 9=110.
8) Use USP HJC26 (With 16-16d nails into Girder & 10d nails into Truss) or equivalent at 1-10-14 from the left end to connect truss(es) to front 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) 102 lb down and 163 lb up at 1-10-8 on top chord. The design/selection of such connection device(s) is the responsibility of others.
11) 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: 1-2=-60, 2-3=-60, 3-4=-60, 4-5=-60, 6-9=-20
   Concentrated Loads (lb)
   Vert: 3=37(F) 8=5(F)



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	H15	Roof Special	1	1	T26436730

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:12:58 2022 Page 1

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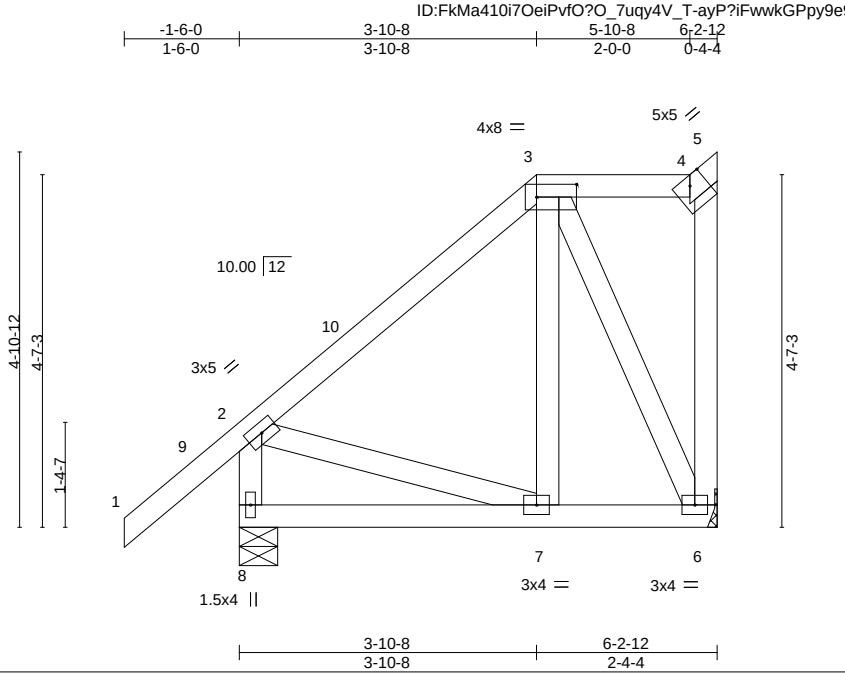


Plate Offsets (X,Y)-- [3:0-6-4,0-2-0]

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	0.20	Vert(LL)	-0.01	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	-0.01	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 50 lb	FT = 20%

LUMBER-

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

BRACING-

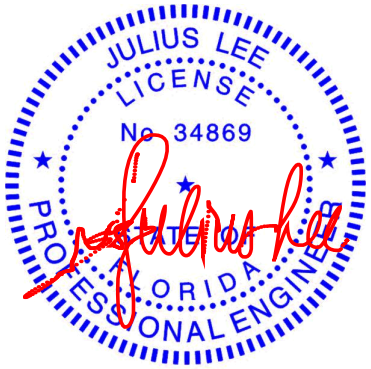
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (size) 6=Mechanical, 8=0-6-0
Max Horz 8=148(LC 9)
Max Uplift 6=-42(LC 9), 8=-35(LC 12)
Max Grav 6=231(LC 17), 8=350(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-8=-311/162
BOT CHORD 7-8=-341/225

NOTES-

1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 3-10-8, Exterior(2E) 3-10-8 to 5-10-8 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 6, 8.
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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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J01	Jack-Partial	2	1	T26436731

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:00 2022 Page 1

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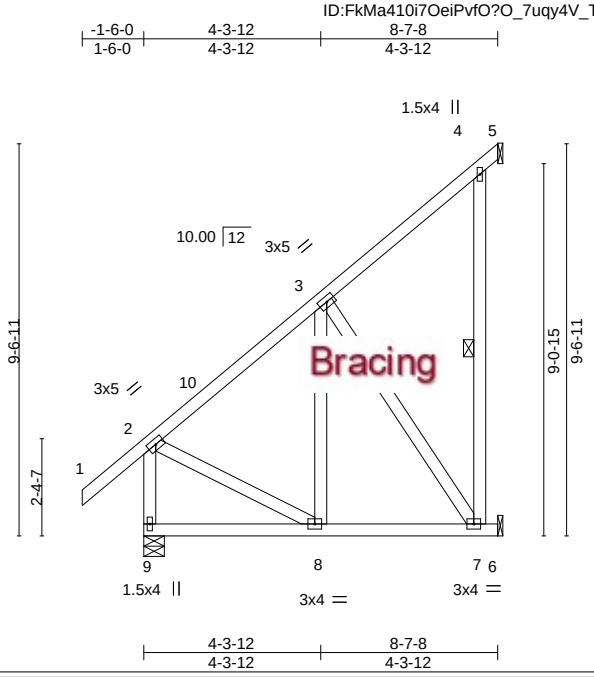


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	0.02	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.03	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 73 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied.
WEBS	1 Row at midpt 4-7

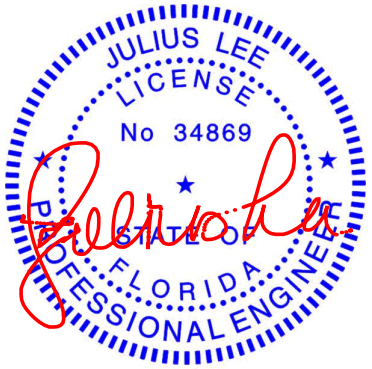
REACTIONS. (size) 9=0-6-0, 5=Mechanical, 6=Mechanical
Max Horz 9=261(LC 12)
Max Uplift 5=-10(LC 12), 6=-113(LC 12)
Max Grav 9=445(LC 1), 5=116(LC 3), 6=260(LC 17)

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

TOP CHORD	2-9=-417/0, 2-3=-269/0
BOT CHORD	8-9=-353/172
WEBS	3-7=-307/262

NOTES-

1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 8-6-12 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 5 except (jt=lb) 6=113.
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 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J02	Jack-Partial	1	1	T26436732

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:00 2022 Page 1

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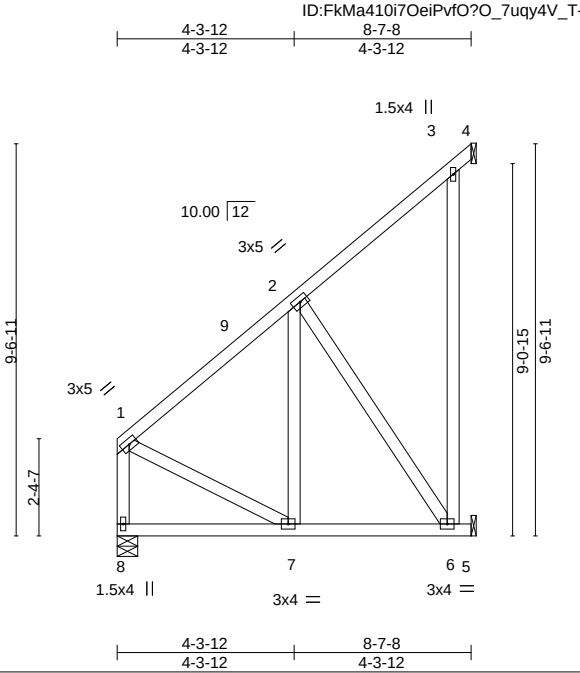


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.22	Vert(LL)	0.02	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.03	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.26	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 70 lb	FT = 20%

LUMBER-

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

BRACING-

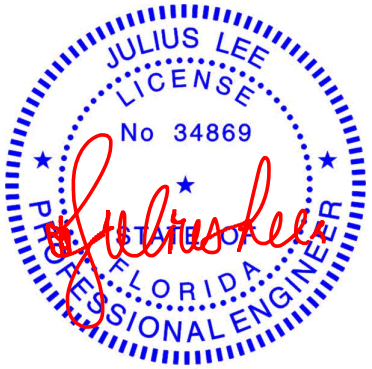
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (size) 8=0-6-0, 4=Mechanical, 5=Mechanical
Max Horz 8=211(LC 12)
Max Uplift 4=-17(LC 12), 5=-101(LC 12)
Max Grav 8=337(LC 1), 4=122(LC 17), 5=254(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-309/0, 1-2=-251/0
BOT CHORD 7-8=-312/154
WEBS 2-6=-324/261

NOTES-

1) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 8-6-12 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 4 except (jt=lb) 5=101.
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 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J03	Jack-Open	8	1	T26436733

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:01 2022 Page 1

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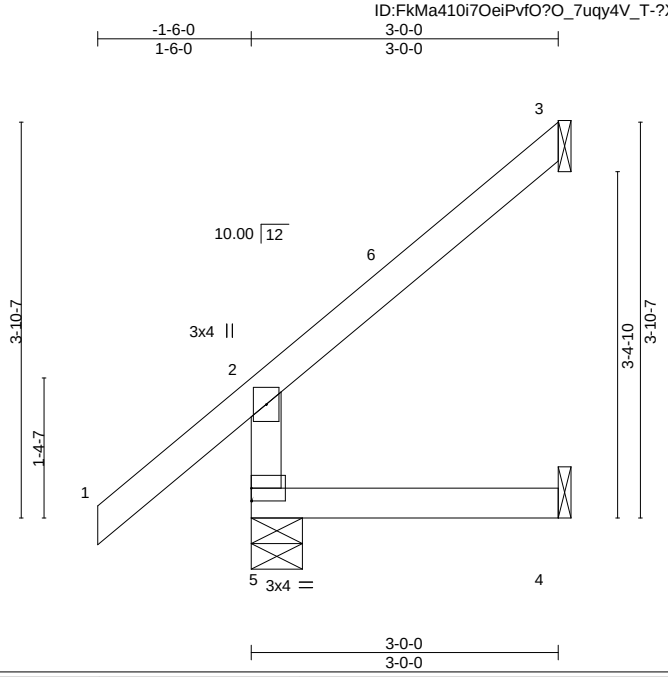


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.01	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.03	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 15 lb	FT = 20%

LUMBER-

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

BRACING-

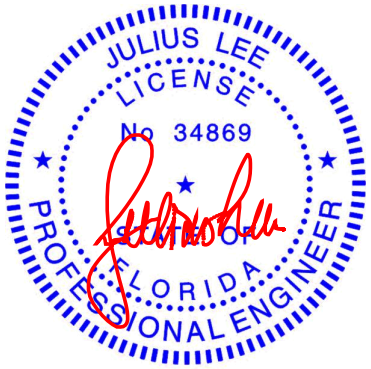
TOP CHORD	Structural wood sheathing directly applied or 3-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-6-0, 3=Mechanical, 4=Mechanical
Max Horz 5=129(LC 12)
Max Uplift 3=-42(LC 12), 4=-6(LC 12)
Max Grav 5=240(LC 1), 3=73(LC 17), 4=51(LC 3)

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

NOTES-

1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 2-11-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 3, 4.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J04	Jack-Open	7	1	T26436734
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:02 2022 Page 1
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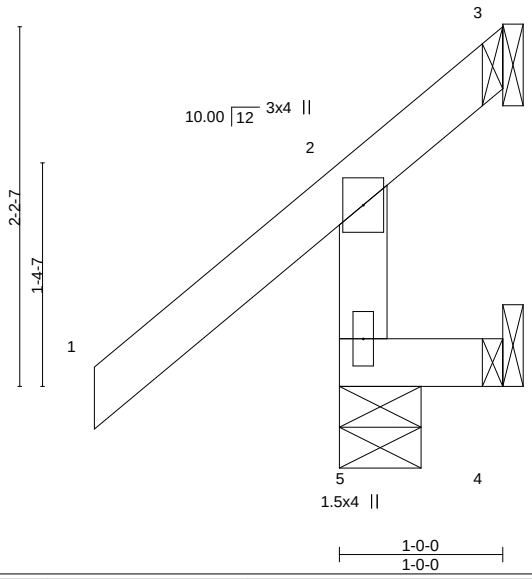
-1-6-0 1-6-0 | 1-0-0 1-0-0

Scale = 1:14.1



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)	-0.00	5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	0.00	5	>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 FBC2020/TPI2014		Matrix-MR							Weight: 8 lb	FT = 20%

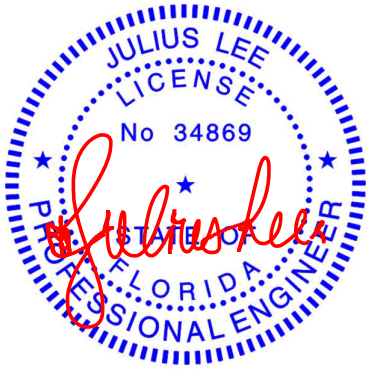
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 5=0-6-0, 3=Mechanical, 4=Mechanical
Max Horz 5=90(LC 12)
Max Uplift 5=-7(LC 12), 3=-51(LC 1), 4=-37(LC 12)
Max Grav 5=229(LC 1), 3=10(LC 8), 4=22(LC 10)

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

NOTES-
1) Wind: ASCE 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 5, 3, 4.



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January 5,2022

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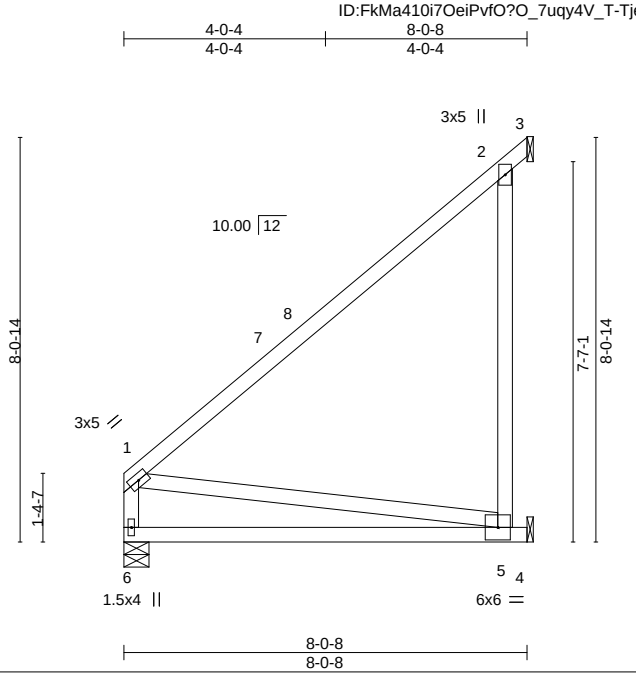
Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J05	Jack-Partial	2	1	T26436735

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:02 2022 Page 1

ID:FkMa410i7OeiPvfO?O_7uqy4V_T-TjeVXczRoVwFRnywilM4G8hoF6YQLW2nOjFAXFzylZV



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	0.80	Vert(LL)	0.17	5-6	>562	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.37	5-6	>254	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 51 lb	FT = 20%

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. (size) 6=0-6-0, 3=Mechanical, 4=Mechanical
Max Horz 6=179(LC 12)
Max Uplift 3=-121(LC 17), 4=-351(LC 12)
Max Grav 6=313(LC 1), 3=314(LC 3), 4=462(LC 17)

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

TOP CHORD	2-3=-89/256
BOT CHORD	5-6=-288/135
WEBS	2-5=-393/678, 1-5=-136/291

NOTES-

1) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 7-11-12 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) except (jt=lb) 3=121, 4=351.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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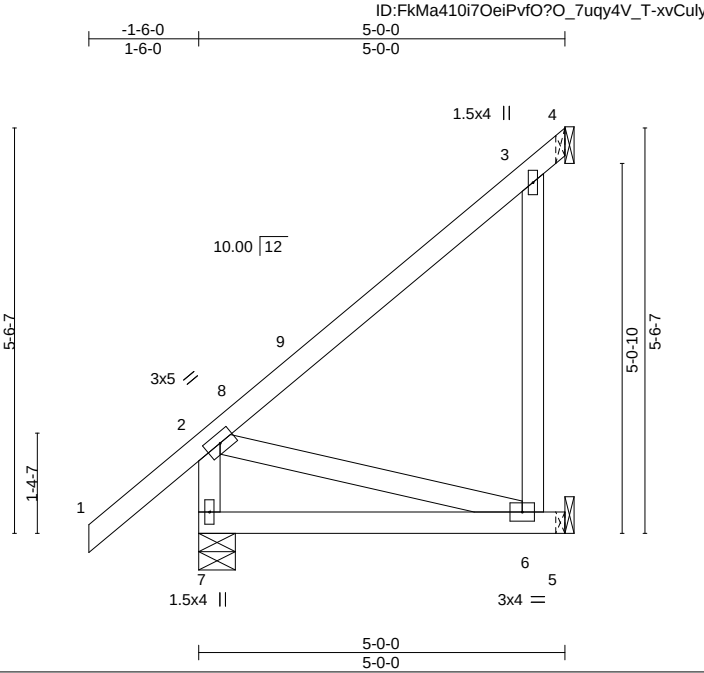
Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J06	Jack-Open	2	1	T26436736

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:03 2022 Page 1

ID:FkMa410i7OeiPvfO?O_7uqy4V_T-xvCuly_3Zp263xX6FTtJpME6mW?p424xdN_j4hzylZU



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	0.24	Vert(LL)	0.03	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.05	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 35 lb	FT = 20%

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.

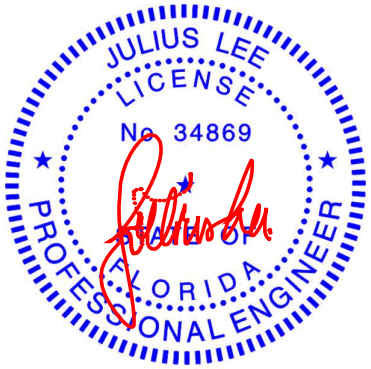
REACTIONS. (size) 7=0-6-0, 4=Mechanical, 5=Mechanical
Max Horz 7=169(LC 12)
Max Uplift 5=-101(LC 12)
Max Grav 7=307(LC 1), 4=128(LC 3), 5=179(LC 17)

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

TOP CHORD	2-7=-251/46
BOT CHORD	6-7=-280/124
WEBS	3-6=-158/302, 2-6=-129/289

NOTES-

1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-11-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) except (jt=lb) 5=101.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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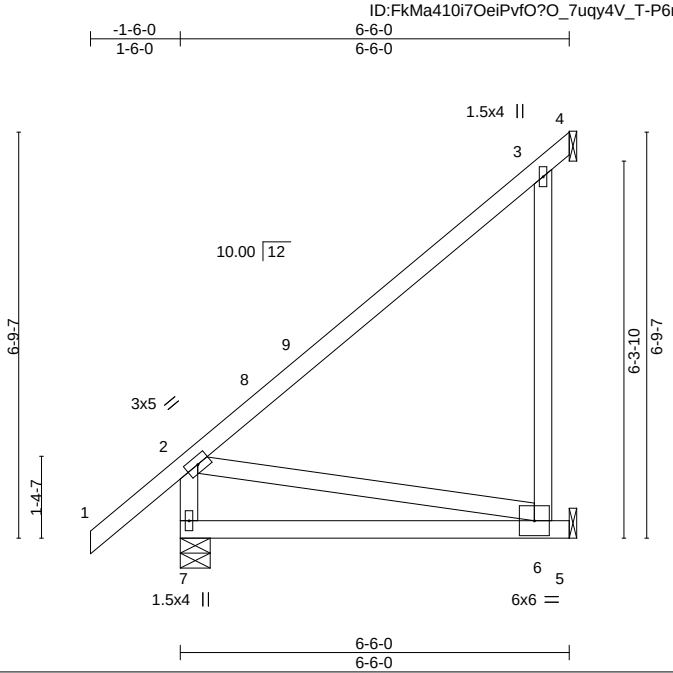
Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J07	Jack-Open	2	1	T26436737

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:04 2022 Page 1

ID:FkMa410i7OeiPvfO?O_7uqy4V_T-P6mGyI?hK6Azg46JpAOYLZnDAwI1pS?4r1kGc7zylZT



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)	0.08	6-7	>942	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.15	6-7	>491	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 44 lb	FT = 20%

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.

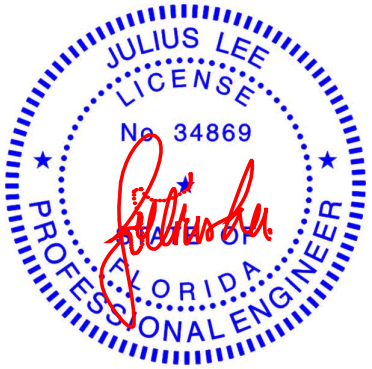
REACTIONS. (size) 7=0-6-0, 4=Mechanical, 5=Mechanical
Max Horz 7=199(LC 12)
Max Uplift 4=-28(LC 17), 5=-194(LC 12)
Max Grav 7=363(LC 1), 4=210(LC 3), 5=293(LC 17)

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

TOP CHORD	2-7=-288/32
BOT CHORD	6-7=-310/142
WEBS	3-6=-233/478, 2-6=-144/316

NOTES-

1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-5-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 4 except (jt=lb) 5=194.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J08	Jack-Open	4	1	T26436738

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:04 2022 Page 1
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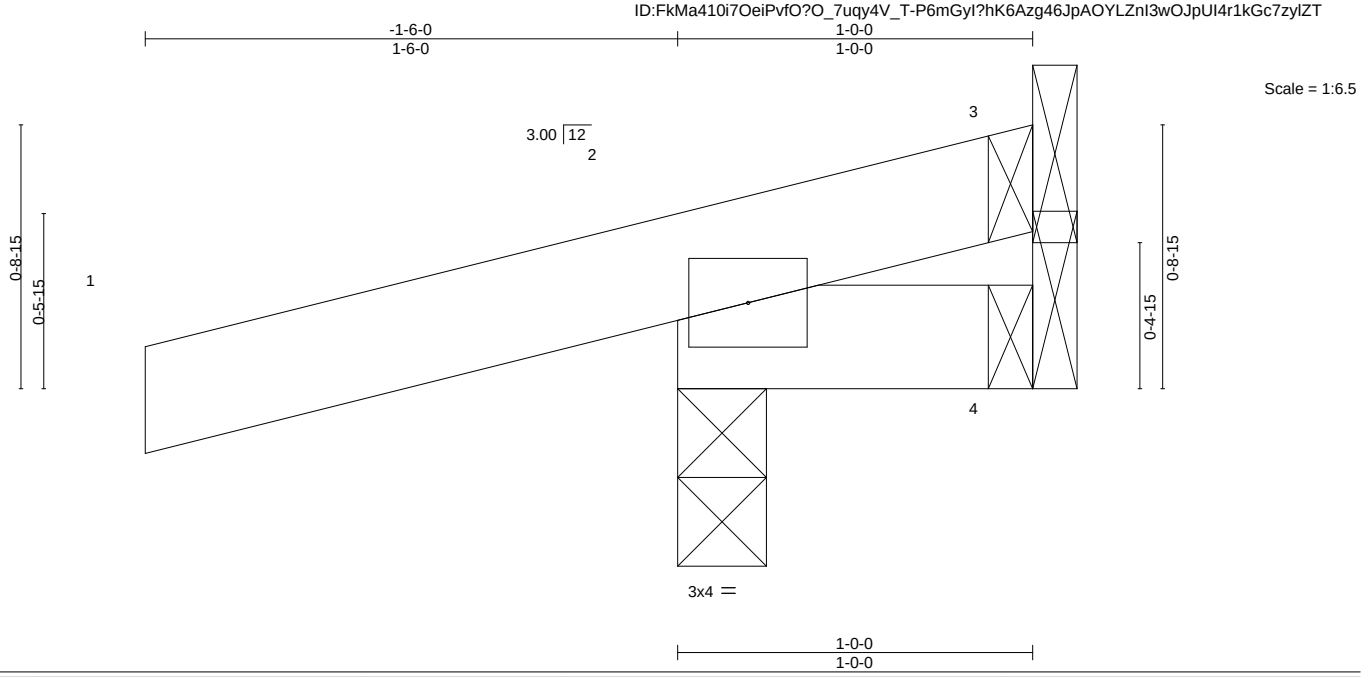


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	0.00	7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 5 lb	FT = 20%

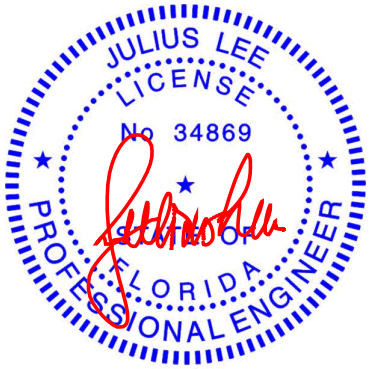
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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. (size) 3=Mechanical, 2=0-3-0, 4=Mechanical
Max Horz 2=20(LC 12)
Max Uplift 3=-9(LC 1), 2=-63(LC 12), 4=-20(LC 1)
Max Grav 3=10(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 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 3, 2, 4.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J09	Jack-Open	4	1	T26436739

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:05 2022 Page 1
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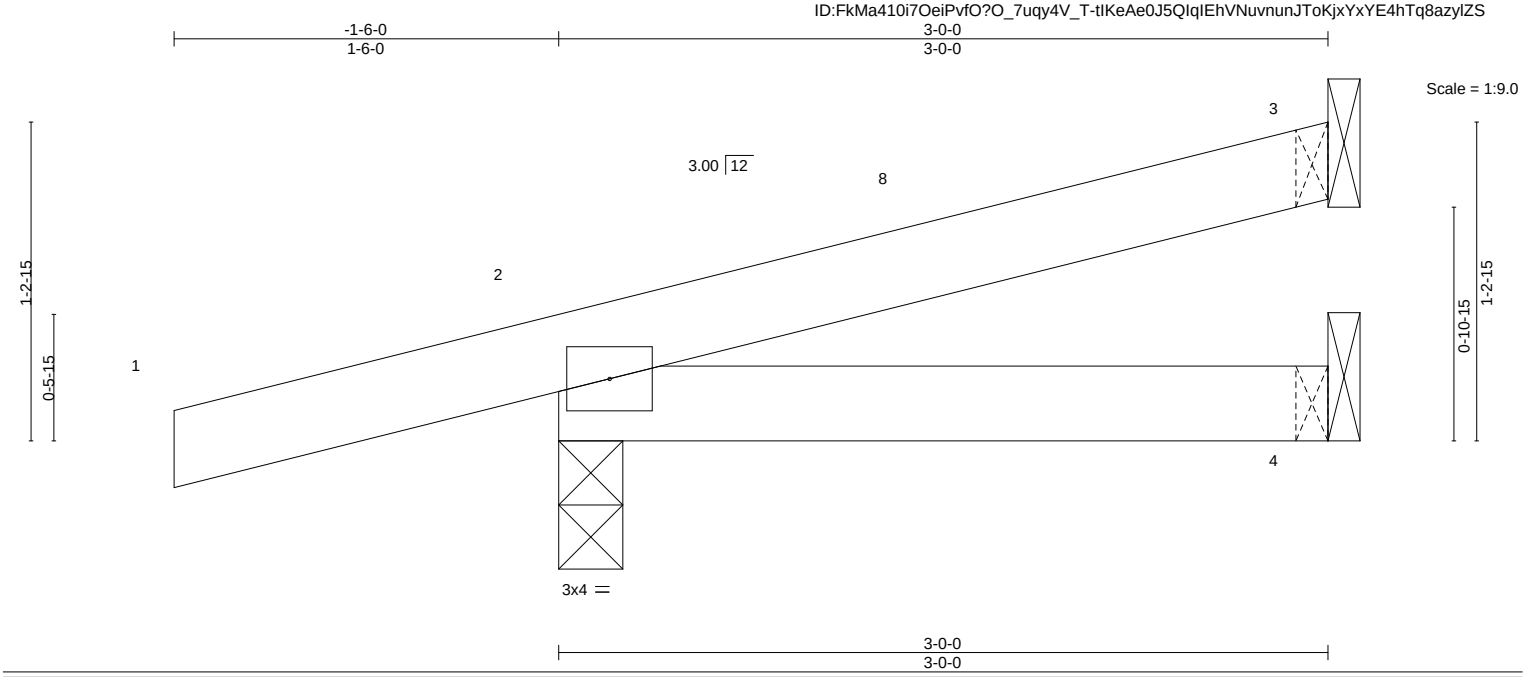


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.00	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 11 lb	FT = 20%

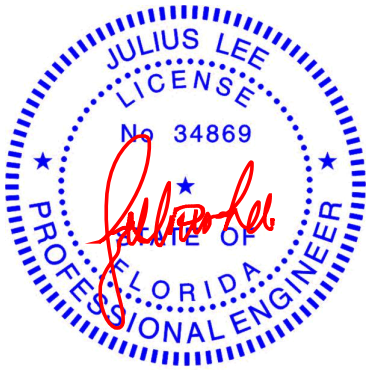
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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. (size) 3=Mechanical, 2=0-3-0, 4=Mechanical
Max Horz 2=31(LC 12)
Max Uplift 3=-9(LC 12), 2=-43(LC 12)
Max Grav 3=67(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 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 2-11-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J10	Jack-Open	6	1	T26436740

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:05 2022 Page 1

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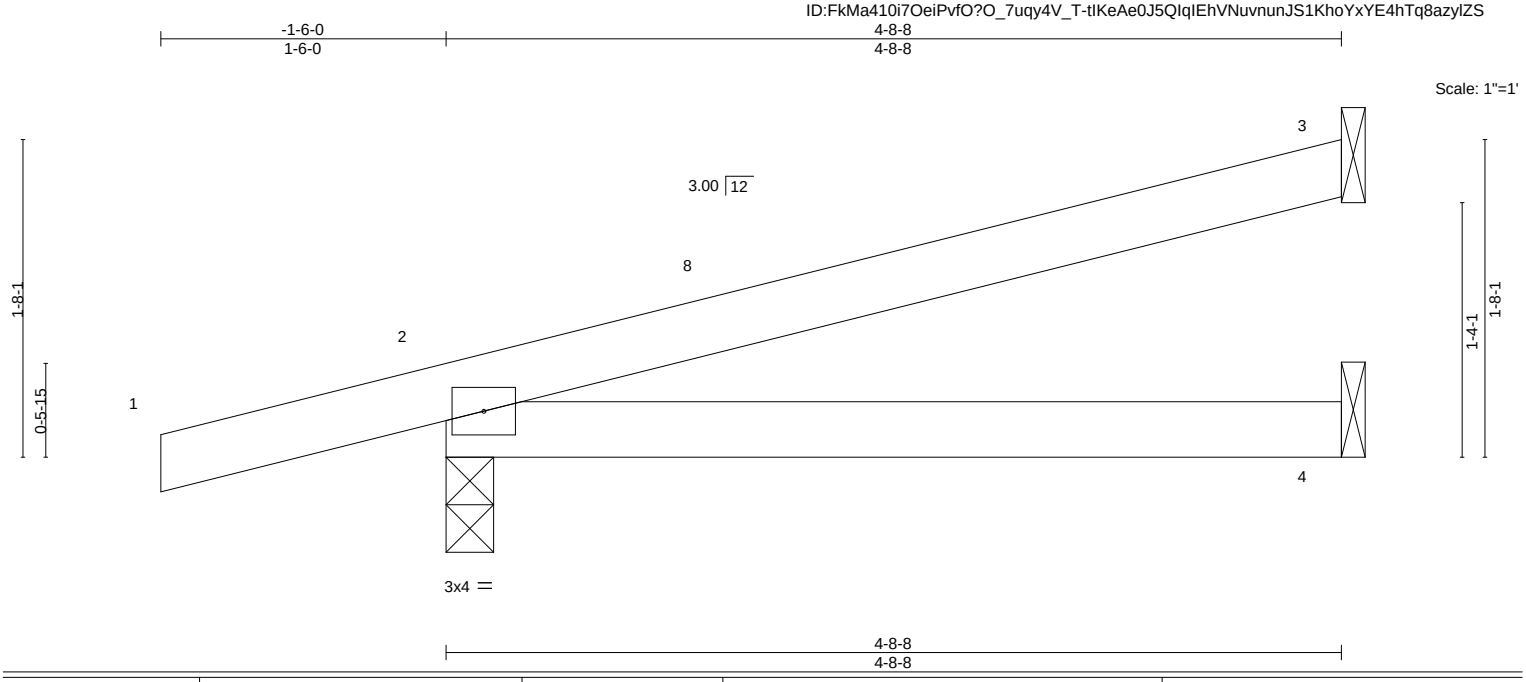

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	-0.02	4-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.21	Vert(CT)	-0.04	4-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 17 lb	FT = 20%

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. (size) 3=Mechanical, 2=0-3-0, 4=Mechanical
Max Horz 2=42(LC 12)
Max Uplift 3=-20(LC 12), 2=-38(LC 12)
Max Grav 3=119(LC 1), 2=290(LC 1), 4=82(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-7-12 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 3, 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Date:

January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J11	Jack-Open	1	1	T26436741

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:06 2022 Page 1

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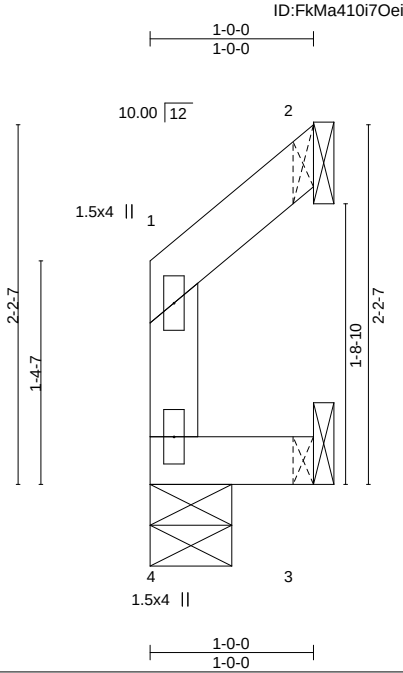


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.07	Vert(LL)	-0.00	4	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.00	4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 5 lb	FT = 20%

LUMBER-

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

BRACING-

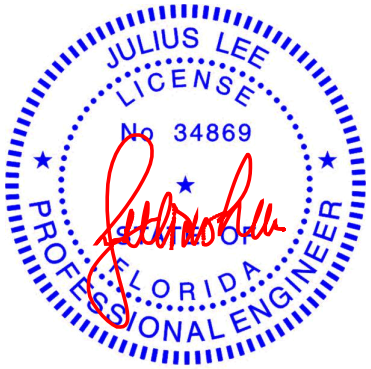
TOP CHORD	Structural wood sheathing directly applied or 1-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=0-6-0, 2=Mechanical, 3=Mechanical
Max Horz 4=39(LC 12)
Max Uplift 4=-10(LC 10), 2=-28(LC 12), 3=-18(LC 12)
Max Grav 4=46(LC 12), 2=35(LC 17), 3=26(LC 10)

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

NOTES-

1) Wind: ASCE 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 4, 2, 3.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J12	Jack-Open	1	1	T26436742

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:07 2022 Page 1

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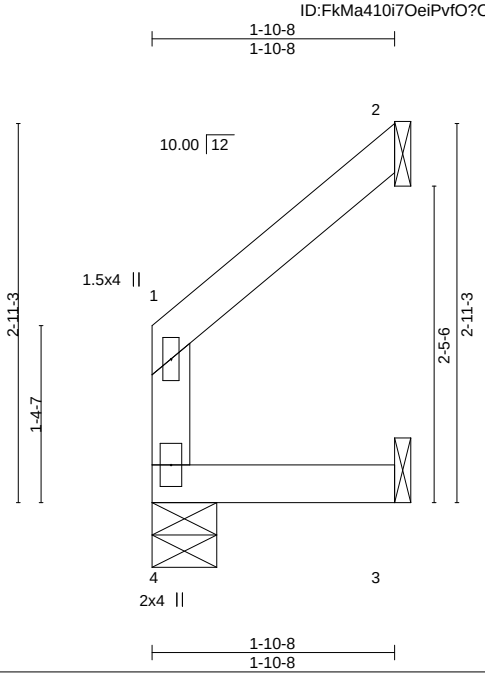


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	-0.00	4	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.00	3-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR							Weight: 8 lb	FT = 20%

LUMBER-

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

BRACING-

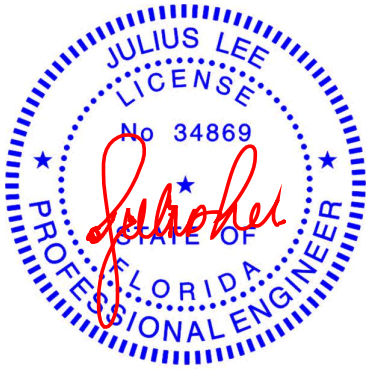
TOP CHORD	Structural wood sheathing directly applied or 1-10-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=0-6-0, 2=Mechanical, 3=Mechanical
Max Horz 4=57(LC 12)
Max Uplift 2=-36(LC 12), 3=-9(LC 12)
Max Grav 4=69(LC 1), 2=59(LC 17), 3=34(LC 3)

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

NOTES-

1) Wind: ASCE 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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, 3.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J13	Jack-Open	1	1	T26436743

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:07 2022 Page 1
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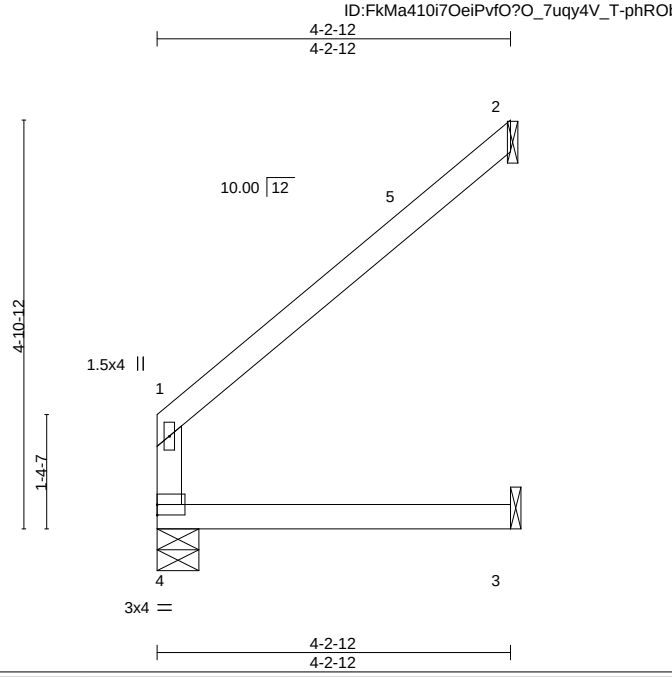


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	0.03	3-4	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.03	3-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.06	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 16 lb	FT = 20%

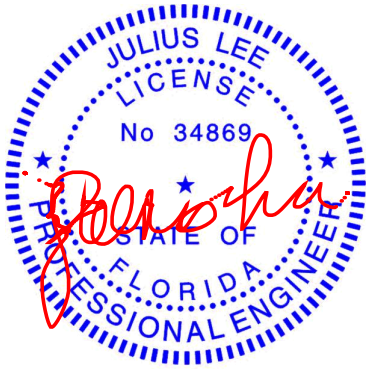
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 4=0-6-0, 2=Mechanical, 3=Mechanical
Max Horz 4=103(LC 12)
Max Uplift 2=-63(LC 12)
Max Grav 4=161(LC 1), 2=127(LC 17), 3=77(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 4-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J14	Jack-Open	1	1	T26436744

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:08 2022 Page 1

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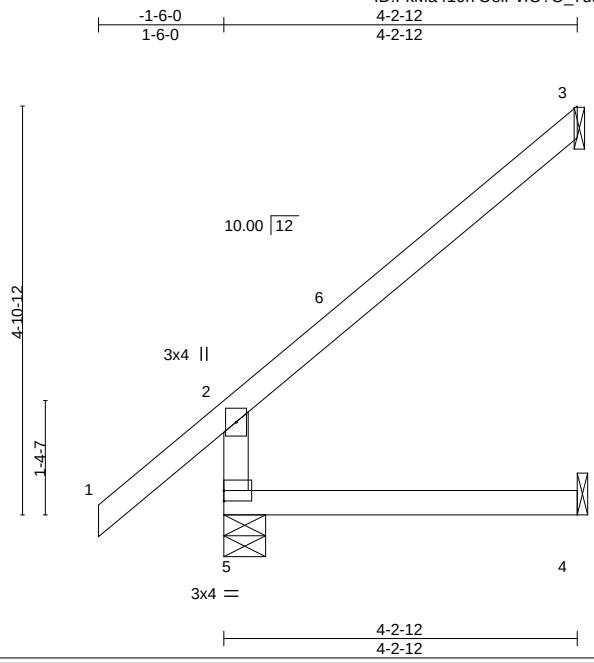


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	0.03	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.03	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.06	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 19 lb	FT = 20%

LUMBER-

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

BRACING-

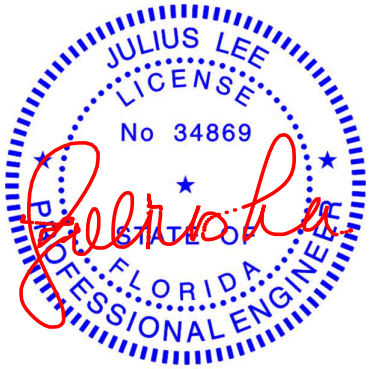
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (size) 5=0-6-0, 3=Mechanical, 4=Mechanical
Max Horz 5=153(LC 12)
Max Uplift 3=-59(LC 12)
Max Grav 5=280(LC 1), 3=115(LC 17), 4=75(LC 3)

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

NOTES-

1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 3.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J15	Jack-Open	2	1	T26436745

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:09 2022 Page 1

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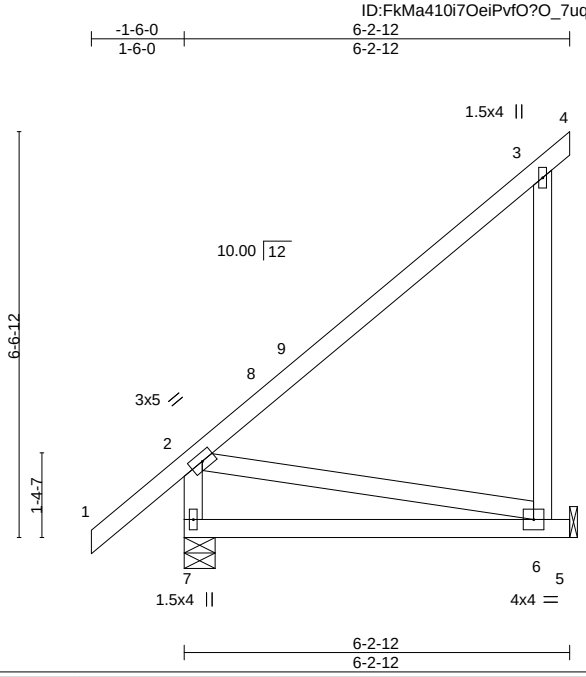

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	-0.08	6-7	>916	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.17	6-7	>426	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 42 lb	FT = 20%

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. (size) 7=0-6-0, 5=Mechanical
Max Horz 7=199(LC 12)
Max Uplift 5=-86(LC 12)
Max Grav 7=353(LC 1), 5=255(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-282/35
BOT CHORD 6-7=-306/139
WEBS 2-6=-142/313

NOTES-

1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-2-12 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 5.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J16	Jack-Open	1	1	T26436746

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:09 2022 Page 1
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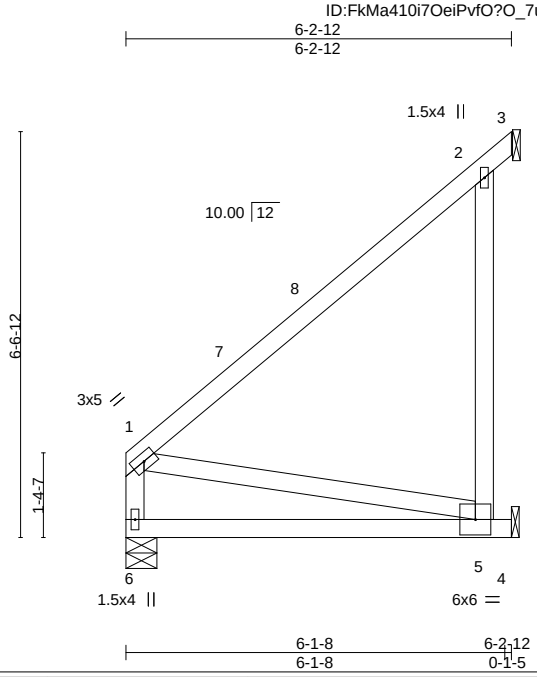


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.47	Vert(LL)	0.08	5-6	>943	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.13	5-6	>544	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 40 lb	FT = 20%

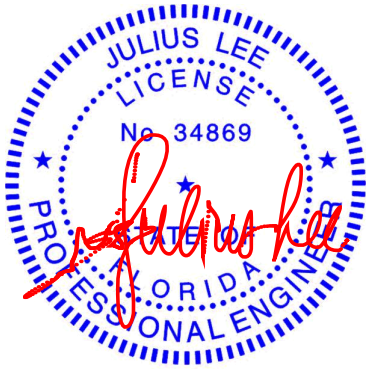
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 6=0-6-0, 3=Mechanical, 4=Mechanical
Max Horz 6=143(LC 12)
Max Uplift 3=-57(LC 17), 4=-214(LC 12)
Max Grav 6=241(LC 1), 3=180(LC 3), 4=322(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 5-6=-259/118
WEBS 2-5=-268/496, 1-5=-120/265

NOTES-
1) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 6-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 3 except (jt=lb) 4=214.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	J17	Jack-Open Girder	1	2	T26436747

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:10 2022 Page 1

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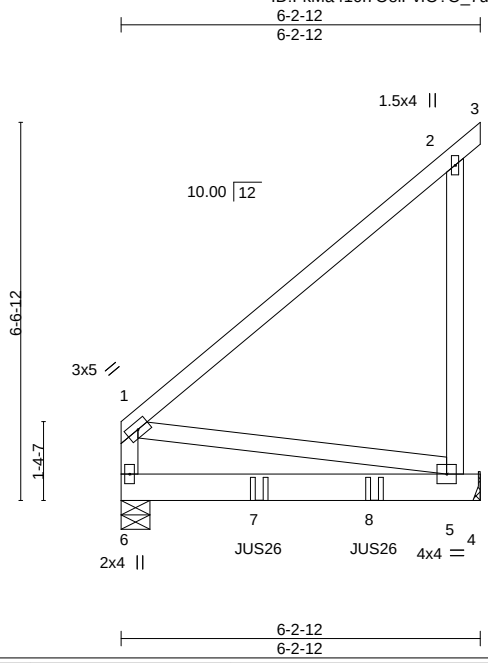


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.35	Vert(LL)	-0.05	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.10	5-6	>696	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.03	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 89 lb	FT = 20%

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, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-6-0, 4=Mechanical
Max Horz 6=147(LC 8)
Max Grav 6=598(LC 1), 4=664(LC 1)

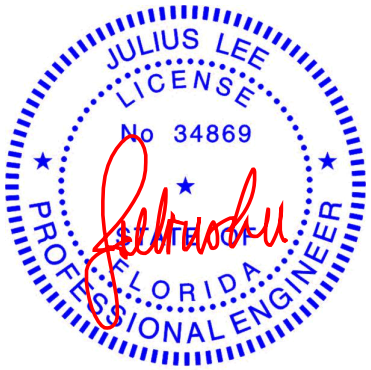
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 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) Wind: ASCE 7-16; 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
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) Refer to girder(s) for truss to truss connections.
8) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-4-12 from the left end to 4-4-12 to connect truss(es) to back face of bottom chord.
9) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-60, 4-6=-20
   Concentrated Loads (lb)
   Vert: 7=-388(B) 8=-388(B)



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Date:

January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	K01	Common	4	1	T26436748

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:11 2022 Page 1
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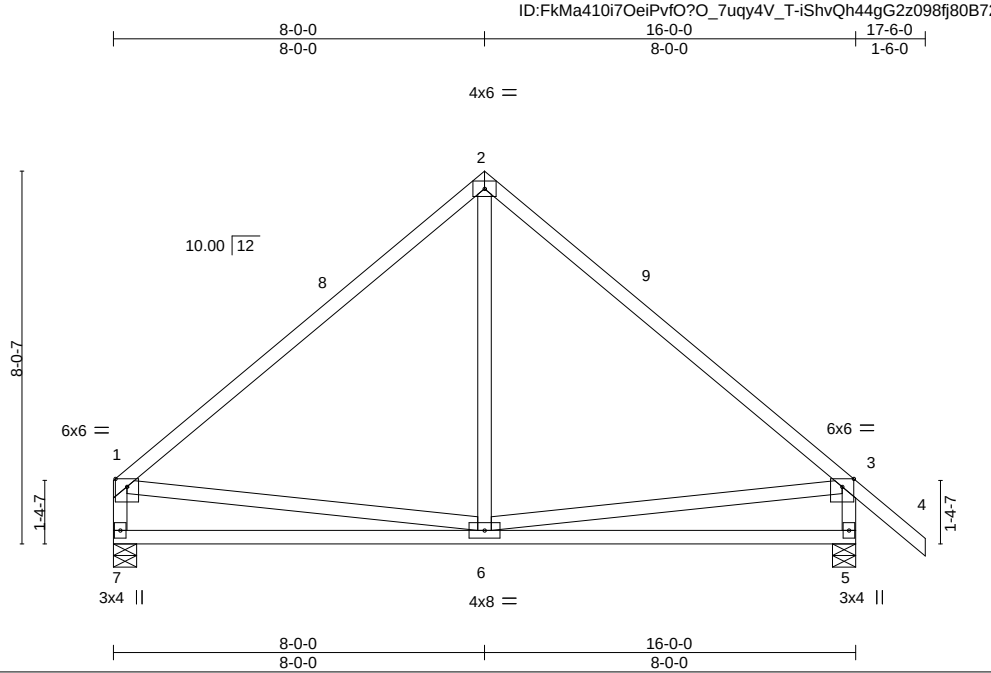


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.07	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.14	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-AS							Weight: 95 lb	FT = 20%

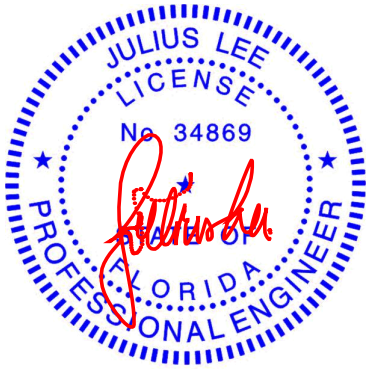
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 7=0-6-0, 5=0-6-0
Max Horz 7=-180(LC 10)
Max Uplift 5=-41(LC 12)
Max Grav 7=623(LC 1), 5=732(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-617/85, 2-3=-625/88, 1-7=-550/75, 3-5=-659/126
BOT CHORD 6-7=-102/391, 5-6=-70/280
WEBS 2-6=0/313

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 8-0-0, Exterior(2R) 8-0-0 to 11-0-0, Interior(1) 11-0-0 to 17-6-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 5.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	K02	Common	2	1	T26436749
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:12 2022 Page 1
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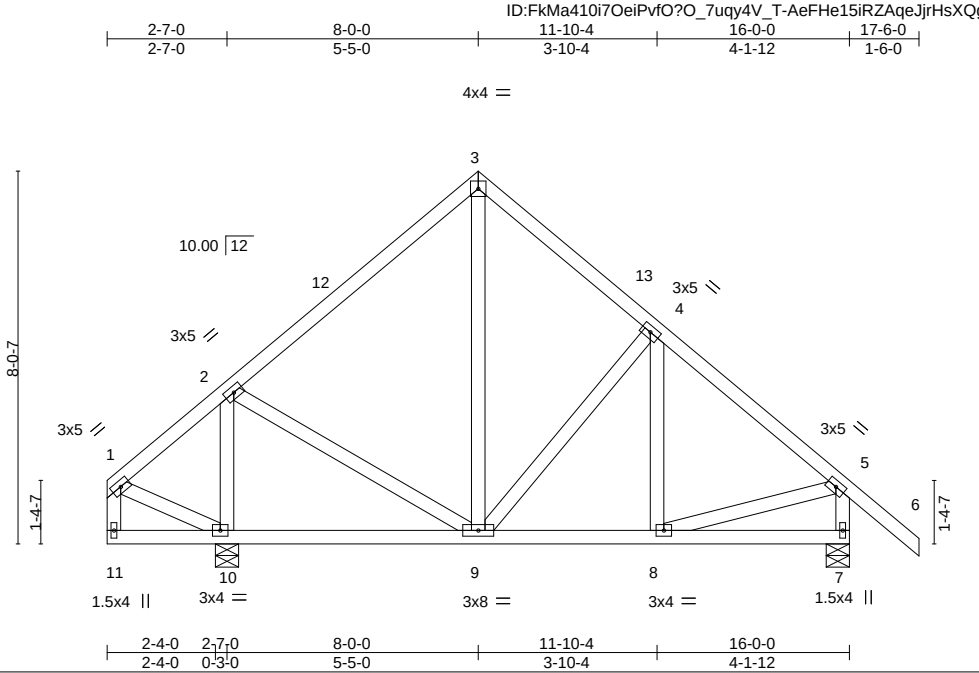

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.27	Vert(LL)	-0.02	9-10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	-0.04	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-AS							Weight: 109 lb	FT = 20%

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. (size) 7=0-6-0, 10=0-6-0
Max Horz 10=-180(LC 10)
Max Uplift 7=-37(LC 12), 10=-45(LC 12)
Max Grav 7=618(LC 1), 10=738(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-389/88, 3-4=-350/101, 4-5=-499/51, 5-7=-577/95
BOT CHORD 8-9=0/323
WEBS 2-10=-633/137, 2-9=0/292, 5-8=0/307

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 8-0-0, Exterior(2R) 8-0-0 to 11-0-0, Interior(1) 11-0-0 to 17-6-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 10.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	K03	Common	1	1	T26436750

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:13 2022 Page 1
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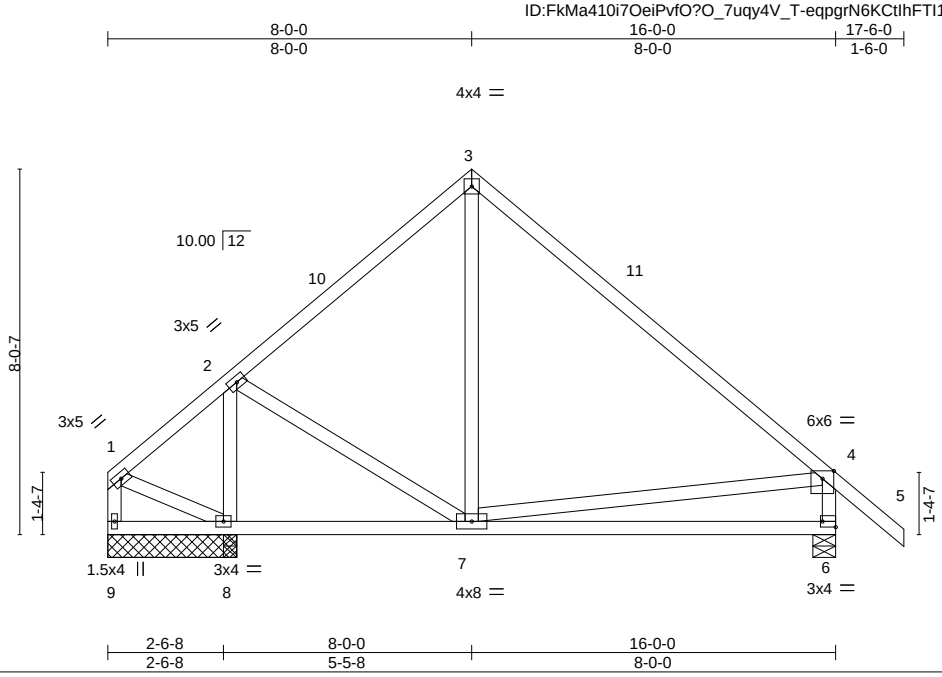


Plate Offsets (X,Y)-- [6:Edge,0-1-8]

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	0.53	Vert(LL)	-0.09	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.18	6-7	>877	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 100 lb	FT = 20%

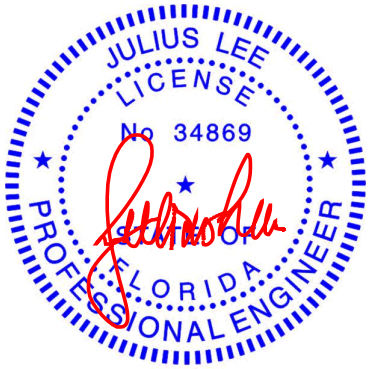
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. All bearings 2-10-0 except (jt=length) 6=0-6-0.
(lb) - Max Horz 9=-180(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 9, 6
Max Grav All reactions 250 lb or less at joint(s) 9 except 6=639(LC 1), 8=591(LC 17), 8=579(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-422/103, 3-4=-491/82, 4-6=-560/125
BOT CHORD 6-7=-75/306
WEBS 2-8=-535/65

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 8-0-0, Exterior(2R) 8-0-0 to 11-0-0, Interior(1) 11-0-0 to 17-6-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 9, 6.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	K04	Common Supported Gable	1	1	T26436751

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:13 2022 Page 1

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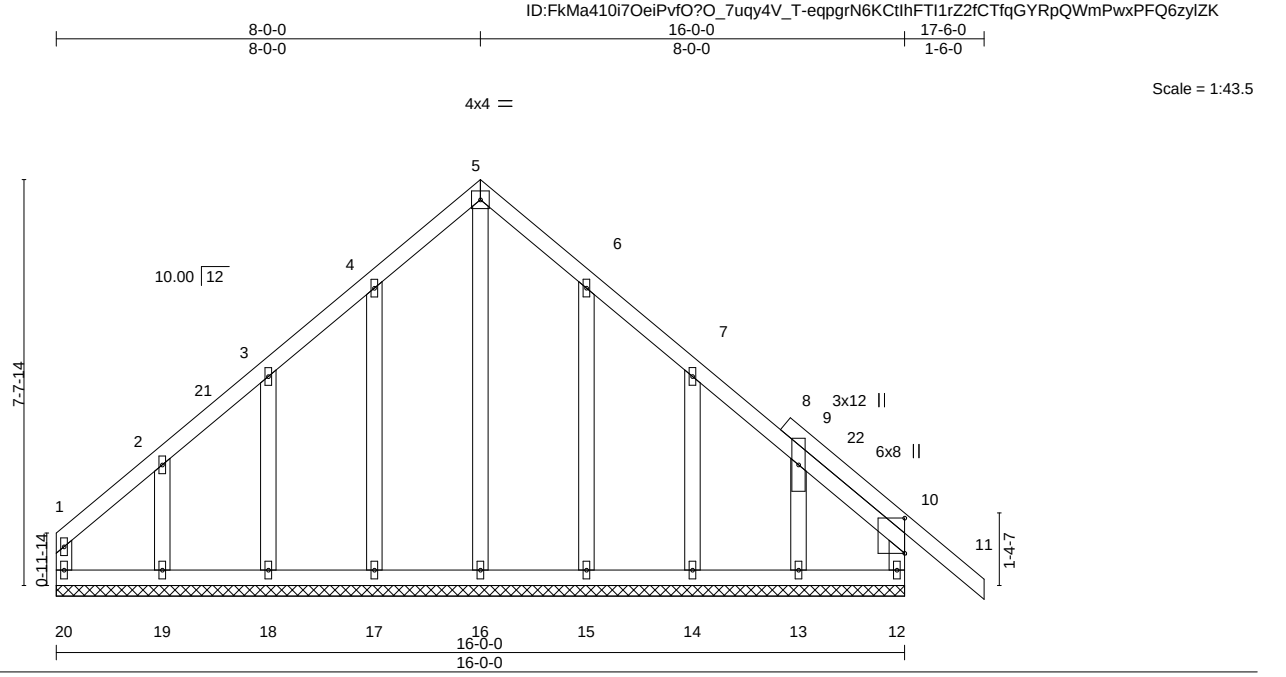


Plate Offsets (X,Y)-- [10:0-7-15,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	-0.01	11	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(CT)	-0.00	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-R							Weight: 109 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 16-0-0.

(lb) - Max Horz 20=-166(LC 10)

Max Uplift All uplift 100 lb or less at joint(s) 20, 12, 17, 18, 19, 15, 14, 13

Max Grav All reactions 250 lb or less at joint(s) 20, 12, 16, 17, 18, 19, 15, 14, 13

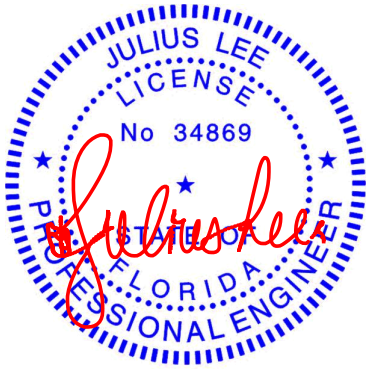
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD 4-5=-132/254, 5-6=-132/254

WEBS 5-16=-261/78

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Corner(3E) 0-1-12 to 3-1-12, Exterior(2N) 3-1-12 to 8-0-0, Corner(3R) 8-0-0 to 11-0-0, Exterior(2N) 11-0-0 to 17-6-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 20, 12, 17, 18, 19, 15, 14, 13.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	L01	Common	3	1	T26436752
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:14 2022 Page 1
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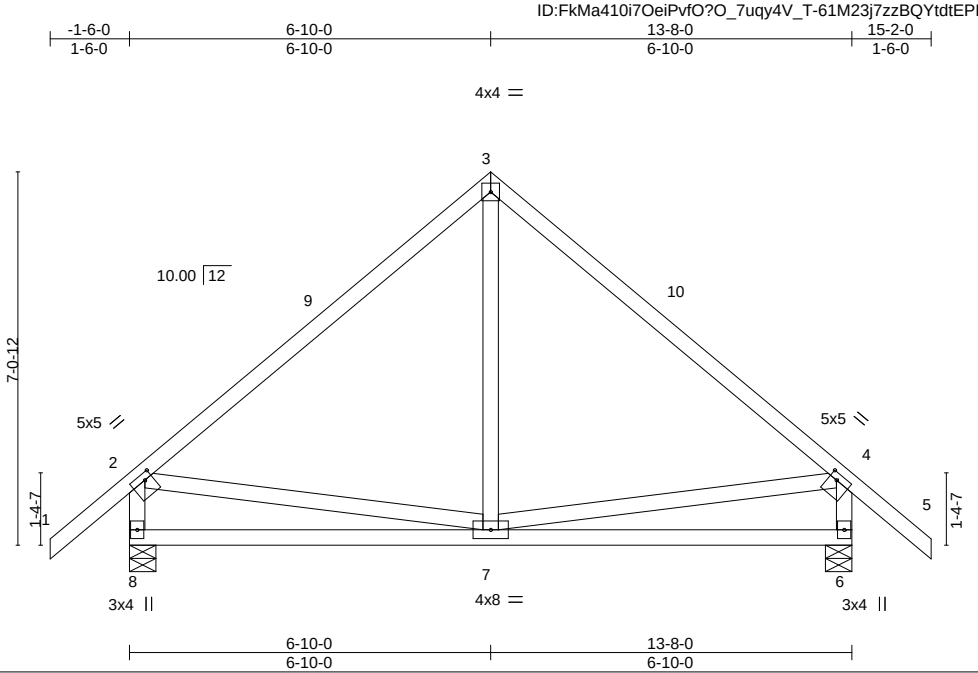


Plate Offsets (X,Y)-- [2:0-1-12,0-1-8], [4:0-1-12,0-1-8]

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	0.39	Vert(LL)	-0.04	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.07	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 85 lb	FT = 20%

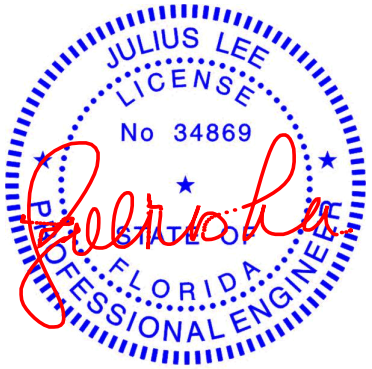
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 8=0-6-0, 6=0-6-0
Max Horz 8=171(LC 11)
Max Uplift 8=-40(LC 12), 6=-40(LC 12)
Max Grav 8=634(LC 1), 6=634(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-511/98, 3-4=-511/98, 2-8=-571/146, 4-6=-571/146
BOT CHORD 7-8=-114/310
WEBS 3-7=0/257

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-10-0, Exterior(2R) 6-10-0 to 9-10-0, Interior(1) 9-10-0 to 15-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 8, 6.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Date:

January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	L02	Common	1	1	T26436753
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:15 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-aDwQG37bkUYPVnRQy_57Iuk6vM3YuT7iNFuMV?zylZI

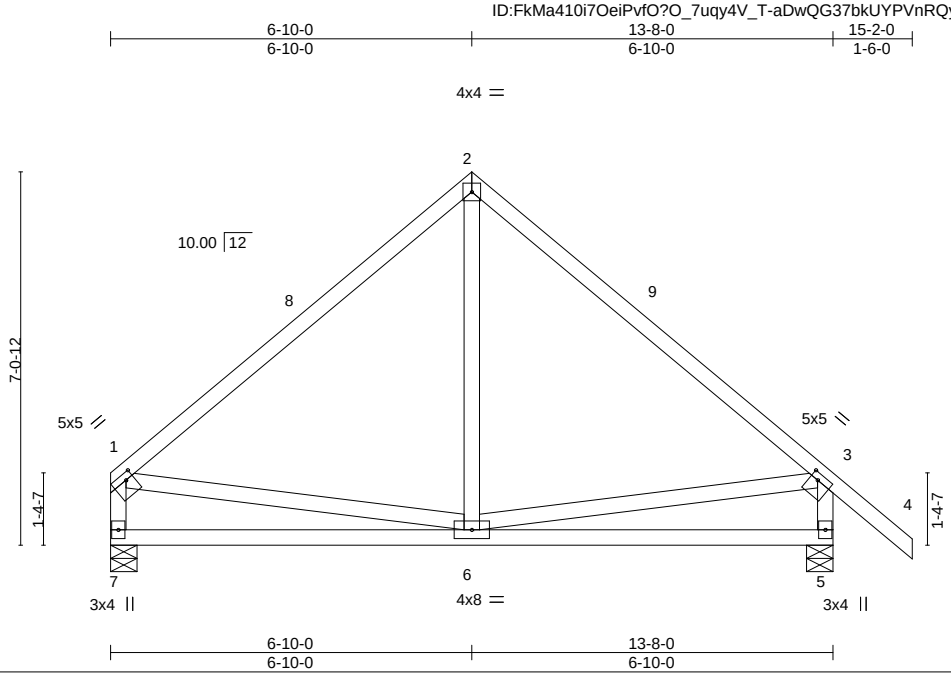


Plate Offsets (X,Y)-- [1:0-1-12,0-1-8], [3:0-1-12,0-1-8]

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	0.42	Vert(LL)	-0.04	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.07	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 82 lb	FT = 20%

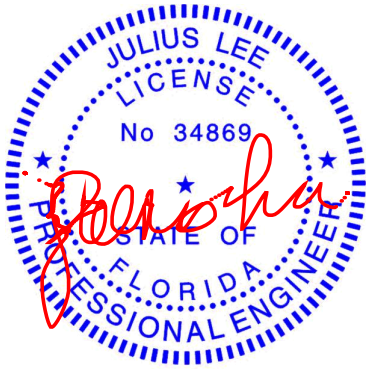
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 7=0-6-0, 5=0-6-0
Max Horz 7=-161(LC 10)
Max Uplift 5=-41(LC 12)
Max Grav 7=529(LC 1), 5=640(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-513/95, 2-3=-520/98, 1-7=-466/88, 3-5=-577/146
BOT CHORD 6-7=-101/303
WEBS 2-6=0/256

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 6-10-0, Exterior(2R) 6-10-0 to 9-10-0, Interior(1) 9-10-0 to 15-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 5.
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 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	L3GE	Common Supported Gable	1	1	T26436754

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:16 2022 Page 1

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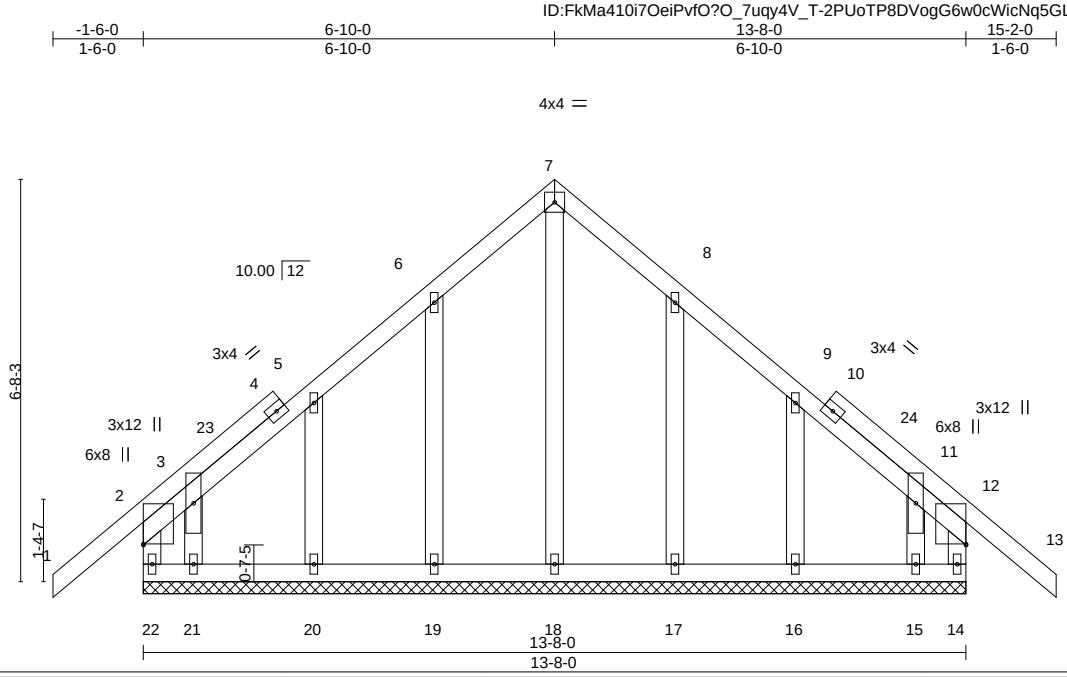


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	-0.01	13	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.01	13	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	-0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-R							Weight: 98 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 13-8-0.

(lb) - Max Horz 22=-157(LC 10)

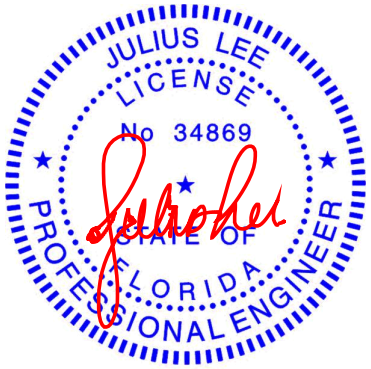
Max Uplift All uplift 100 lb or less at joint(s) 22, 14, 19, 20, 21, 17, 16, 15

Max Grav All reactions 250 lb or less at joint(s) 22, 14, 18, 19, 20, 21, 17, 16, 15

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 7-16; 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 Corner(3E) -1-6-0 to 1-6-0, Exterior(2N) 1-6-0 to 6-10-0, Corner(3R) 6-10-0 to 9-10-0, Exterior(2N) 9-10-0 to 15-2-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 14, 19, 20, 21, 17, 16, 15.



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January 5,2022

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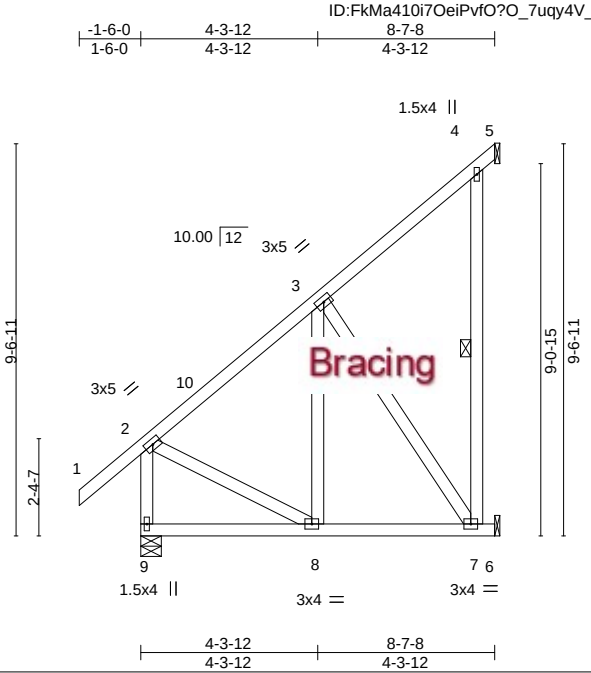
Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M01	Jack-Partial	1	1	T26436755

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:17 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-Xc2Ahl9rG6o7k4bp4P7cNJpWz9nCMKg?rZNSZtzylZG



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	0.19	Vert(LL)	0.02	7-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.03	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 73 lb	FT = 20%

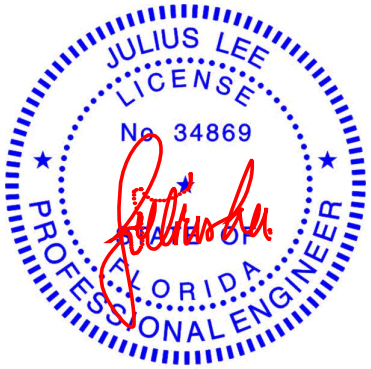
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-7

REACTIONS. (size) 9=0-6-0, 5=Mechanical, 6=Mechanical
Max Horz 9=261(LC 12)
Max Uplift 5=-10(LC 12), 6=-113(LC 12)
Max Grav 9=445(LC 1), 5=116(LC 3), 6=260(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-9=-417/0, 2-3=-269/0
BOT CHORD 8-9=-353/172
WEBS 3-7=-307/262

NOTES-
1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 8-6-12 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 5 except (jt=lb) 6=113.
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 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M02	Monopitch	12	1	T26436756

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:18 2022 Page 1
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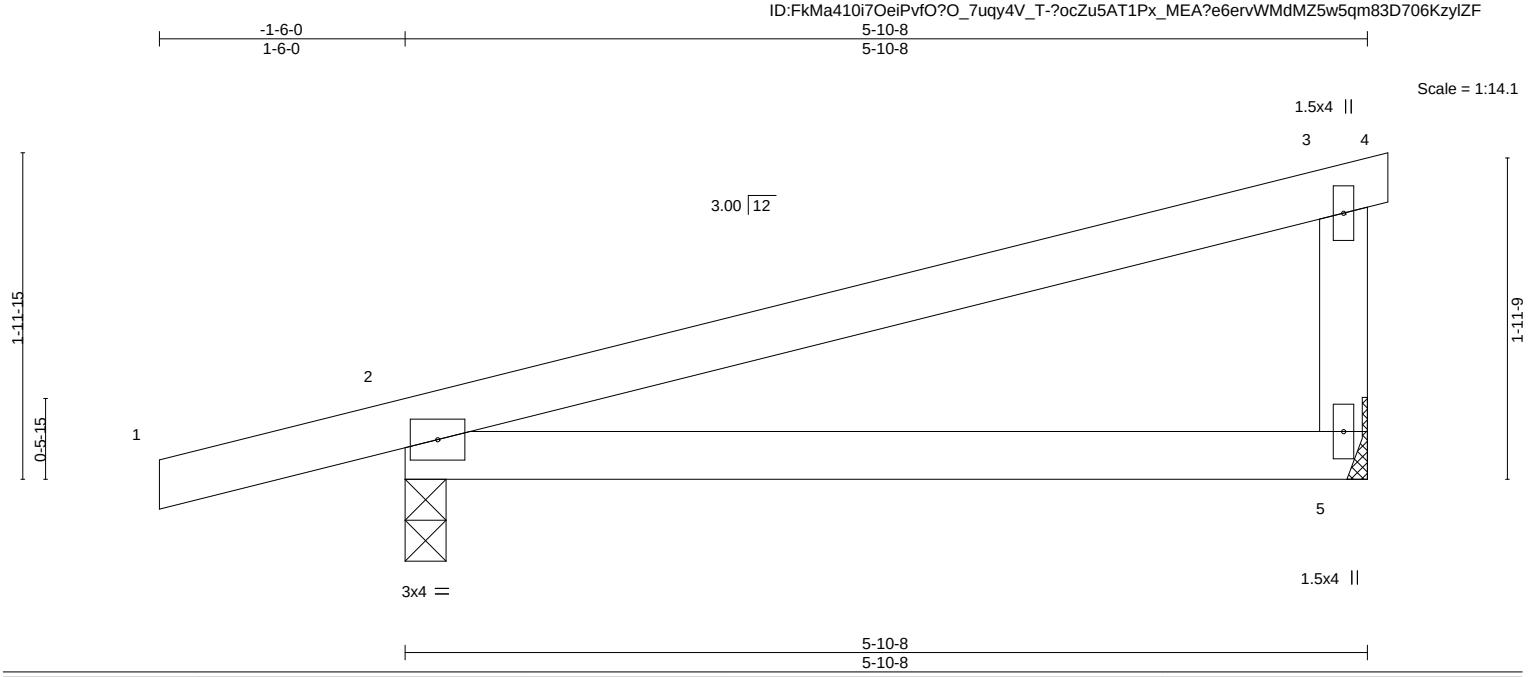


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	-0.04	5-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.10	5-8	>712	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 22 lb	FT = 20%

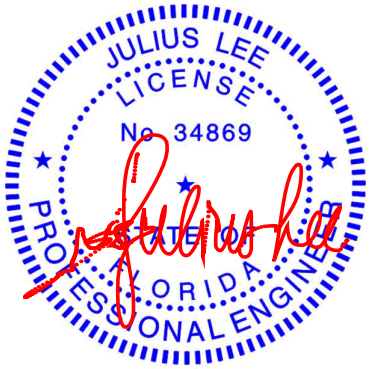
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 5=Mechanical, 2=0-3-0
Max Horz 2=50(LC 11)
Max Uplift 2=-40(LC 12)
Max Grav 5=223(LC 1), 2=331(LC 1)

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

NOTES-
1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-0-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M03	Monopitch	3	1	T26436757
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:18 2022 Page 1
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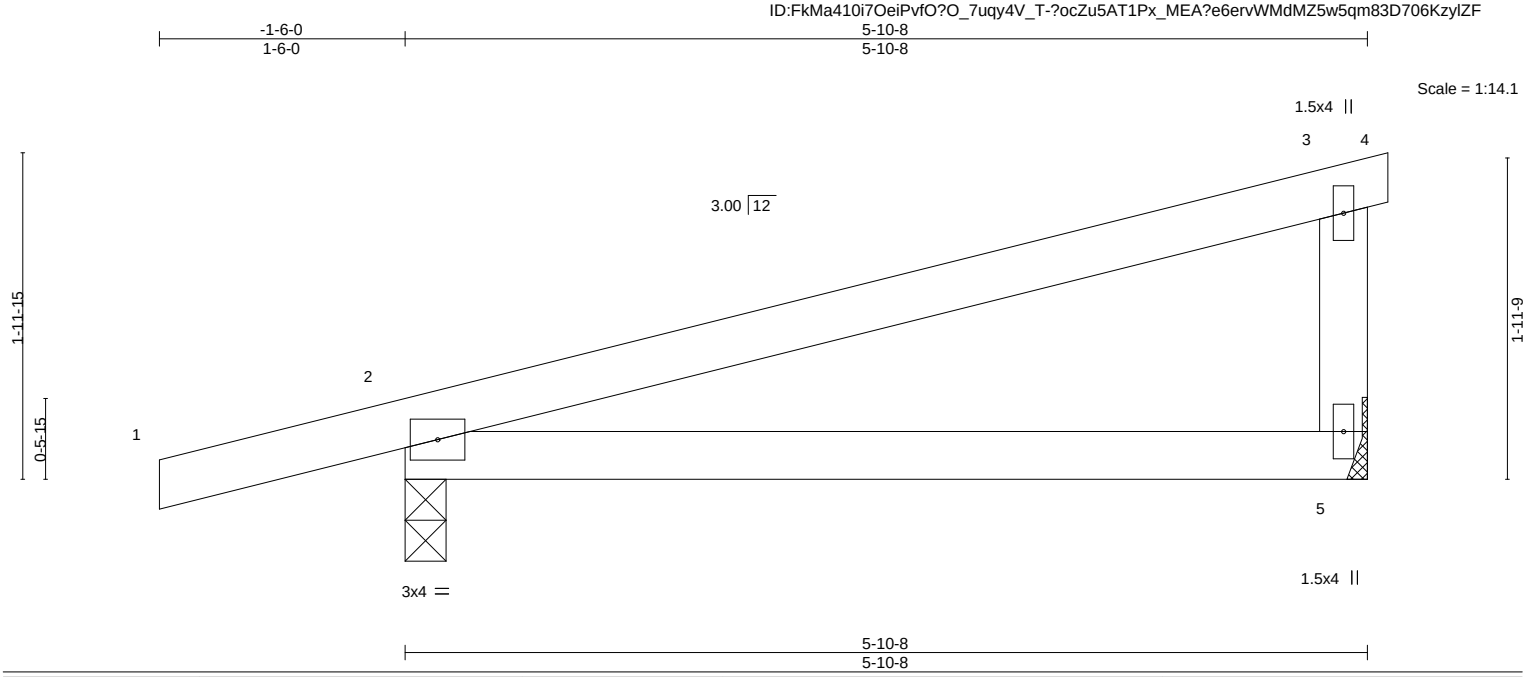


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	-0.04	5-8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.10	5-8	>712	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 22 lb	FT = 20%

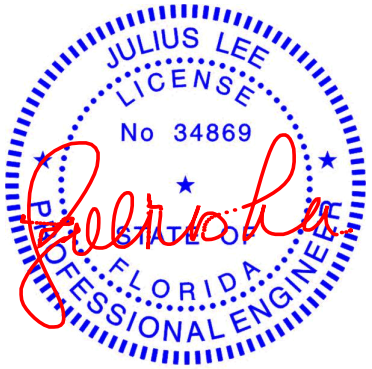
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 5=Mechanical, 2=0-3-0
Max Horz 2=50(LC 11)
Max Uplift 2=-40(LC 12)
Max Grav 5=223(LC 1), 2=331(LC 1)

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

NOTES-
1) Wind: ASCE 7-16; 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(2E) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-0-0 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M05	Piggyback Base Girder	1	2	T26436758

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:19 2022 Page 1

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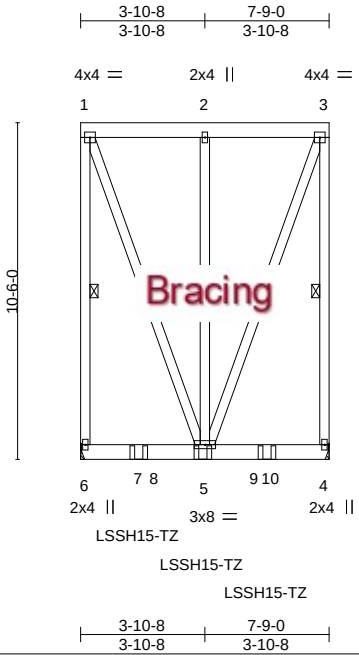


Scale = 1:71.9

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)	-0.01	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.02	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.10	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 218 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 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, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 1-6, 3-4

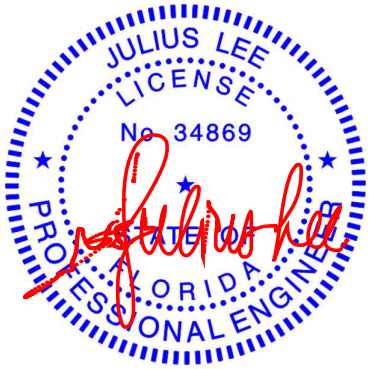
REACTIONS. (size) 6=Mechanical, 4=Mechanical
Max Horz 6=-281(LC 4)
Max Uplift 6=-251(LC 4), 4=-250(LC 5)
Max Grav 6=1288(LC 26), 4=1271(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-997/253, 1-2=-321/112, 2-3=-321/112, 3-4=-997/253
BOT CHORD 5-6=-250/218
WEBS 1-5=-247/968, 3-5=-247/968

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, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered 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) Wind: ASCE 7-16; 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
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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, with BCDL = 10.0psf.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=251, 4=250.
10) Use USP LSSH15-TZ (With 6-10d HDG nails into Girder & 7-10d x 1-1/2 HDG nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-9-12 from the left end to 5-9-12 to connect truss(es) to back face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25



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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-60, 4-6=-20

Concentrated Loads (lb)

Vert: 5=-639(B) 7=-639(B) 10=-639(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M06	Flat Girder	1	1	T26436759

Job Reference (optional)

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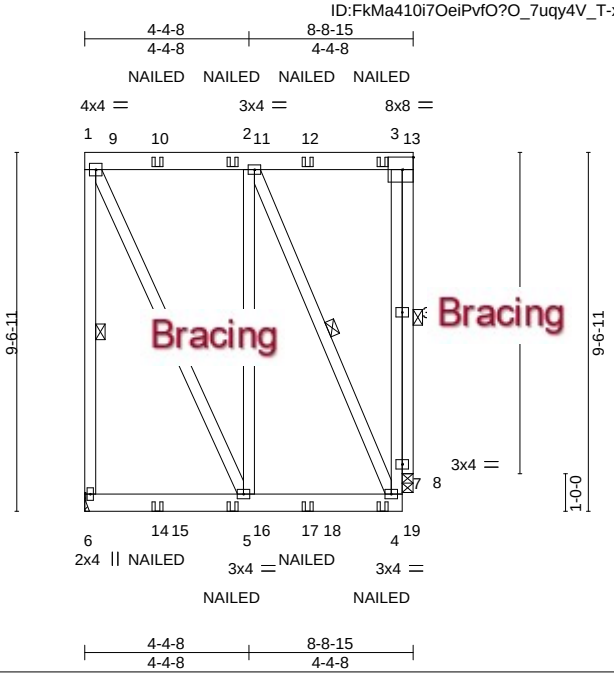


Scale = 1:61.4

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	0.62	Vert(LL)	-0.02	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	-0.04	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MP							Weight: 119 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 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, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 1-6, 2-4, 3-8

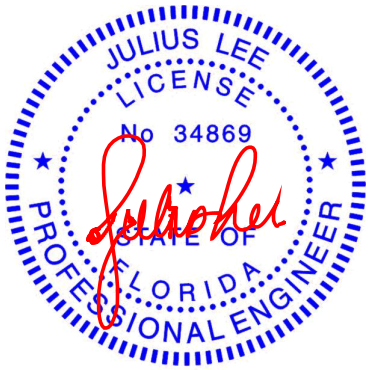
REACTIONS. (size) 6=Mechanical, 8=0-3-8
Max Horz 6=-203(LC 6)
Max Uplift 6=-282(LC 4), 8=-375(LC 8)
Max Grav 6=930(LC 27), 8=1086(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-745/243, 1-2=-308/116, 4-7=-342/917, 3-7=-342/917
BOT CHORD 4-5=-117/311
WEBS 1-5=-241/685, 2-4=-683/258, 3-8=-1087/376

NOTES-

1) Wind: ASCE 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=282, 8=375.
9) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
10) 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, 4-6=-20
Concentrated Loads (lb)
Vert: 10=-45(F) 11=-45(F) 12=-45(F) 13=-64(F) 14=-213(F) 16=-213(F) 17=-213(F) 19=-209(F)



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M07	PIGGYBACK BASE GIRDE	1	1	T26436760

Job Reference (optional)

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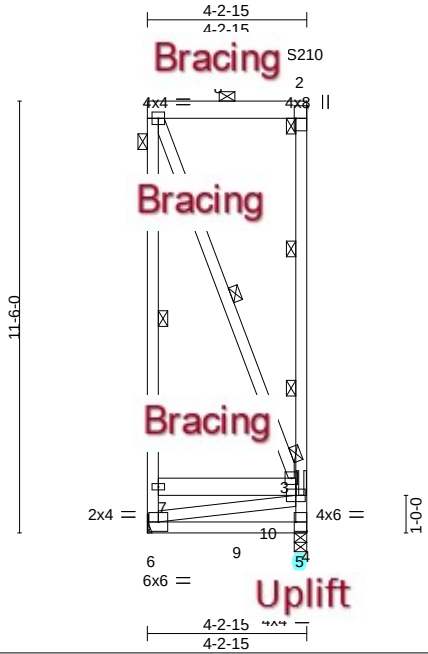

Scale = 1:61.4

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

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	0.89	Vert(LL)	-0.01	5-6	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	-0.02	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.18	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 78 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
3-7: 2x6 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-6, 1-4
2 Rows at 1/3 pts 2-5
JOINTS 1 Brace at Jt(s): 2, 4, 1

REACTIONS. (size) 6=Mechanical, 5=0-4-0
Max Horz 6=-312(LC 6)
Max Uplift 6=-467(LC 4), 5=-1011(LC 5)
Max Grav 6=849(LC 26), 5=1787(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 6-7=-677/391, 1-7=-555/374, 3-5=-1706/1033, 2-3=-1317/645
BOT CHORD 4-7=-269/245, 3-4=-391/275
WEBS 1-4=-353/351, 3-6=-386/381

NOTES-
1) Wind: ASCE 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) except (jt=lb) 6=467, 5=1011.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
9) Use USP LS210 (With 9-10d x 1-1/2 nails into Girder & 9-10d x 1-1/2 nails into Truss) or equivalent at 4-1-3 from the left end to connect truss(es) to back face of top chord.
10) Fill all nail holes where hanger is in contact with lumber.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 425 lb down and 122 lb up at 1-11-4 on top chord. The design/selection of such connection device(s) is the responsibility of others.
12) 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

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-2=-60, 5-6=-20, 3-7=-20

Concentrated Loads (lb)

Vert: 2=-976(B) 8=-420(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M08	Flat Girder	1	1	T26436761
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:22 2022 Page 1
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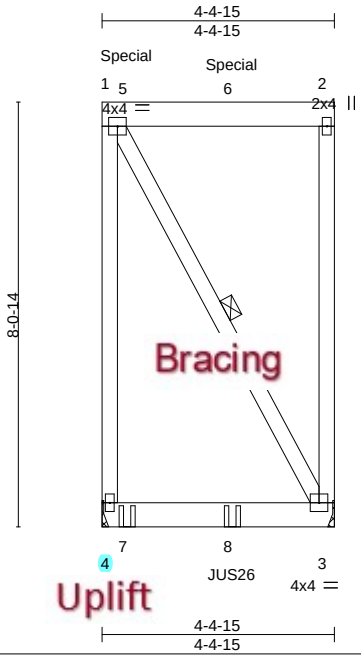


Scale = 1:43.8

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	0.63	Vert(LL)	-0.04	3-4	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.05	3-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.07	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP							Weight: 54 lb	FT = 20%

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

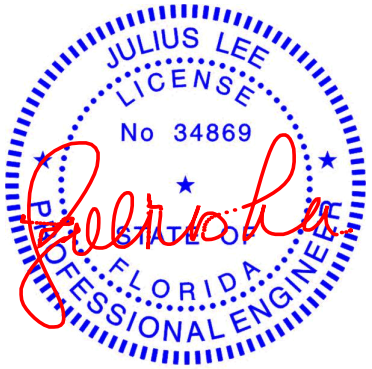
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 1-3

REACTIONS. (size) 4=Mechanical, 3=Mechanical
Max Horz 4=213(LC 7)
Max Uplift 4=-683(LC 4), 3=-431(LC 5)
Max Grav 4=968(LC 23), 3=603(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-4=-629/240

NOTES-
1) Wind: ASCE 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) except (jt=lb) 4=683, 3=431.
8) Use USP JUS26 (With 4-10d nails into Girder & 2-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-5-11 from the left end to 2-5-11 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) 314 lb down and 142 lb up at 0-5-11, and 317 lb down and 162 lb up at 2-5-11 on top chord. The design/selection of such connection device(s) is the responsibility of others.
11) 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: 1-2=-60, 3-4=-20
Concentrated Loads (lb)
Vert: 5=-92(B) 6=-85(B) 7=-402(B) 8=-395(B)



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M09	PIGGYBACK BASE GIRDE	1	1	T26436762

Job Reference (optional)

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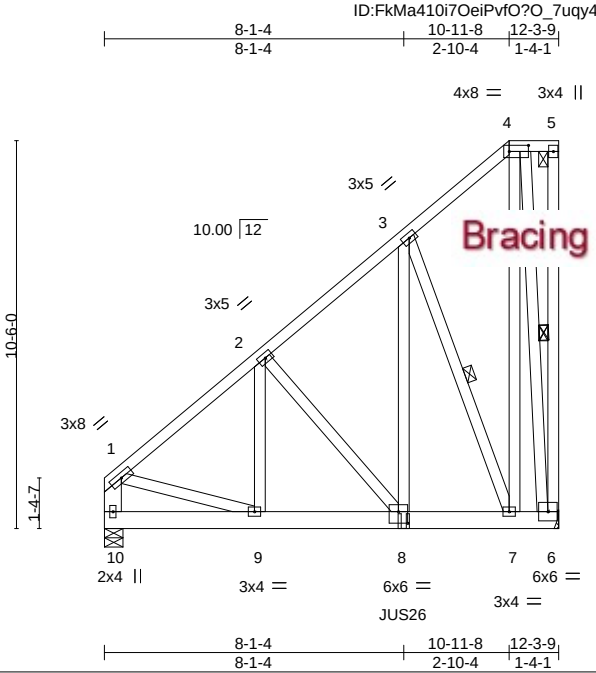

Plate Offsets (X,Y)-- [4:0-6-4,0-2-0], [8:0-3-0,0-3-12]

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	0.43	Vert(LL)	0.04	8	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	-0.05	8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.97	Horz(CT)	-0.00	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 141 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2 *Except*
1-10: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 4-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-6, 4-6, 3-7

REACTIONS. (size) 6=Mechanical, 10=0-6-0
Max Horz 6=303(LC 5)
Max Uplift 6=-560(LC 5), 10=-217(LC 8)
Max Grav 6=1099(LC 25), 10=777(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-830/288, 2-3=-749/373, 3-4=-262/158, 1-10=-731/237
BOT CHORD 8-9=-184/607, 7-8=-259/562, 6-7=-171/290
WEBS 4-7=-543/790, 4-6=-839/436, 3-8=-689/1150, 1-9=-183/566, 2-8=-263/123, 3-7=-1107/641

NOTES-
1) Wind: ASCE 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) except (jt=lb) 6=560, 10=217.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
9) Use USP JUS26 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 8-1-4 from the left end to connect truss(es) to back face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.
11) 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, 4-5=-60, 6-10=-20

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LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 8=-808(B)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	M10	PIGGYBACK BASE	1	1	T26436763

Job Reference (optional)

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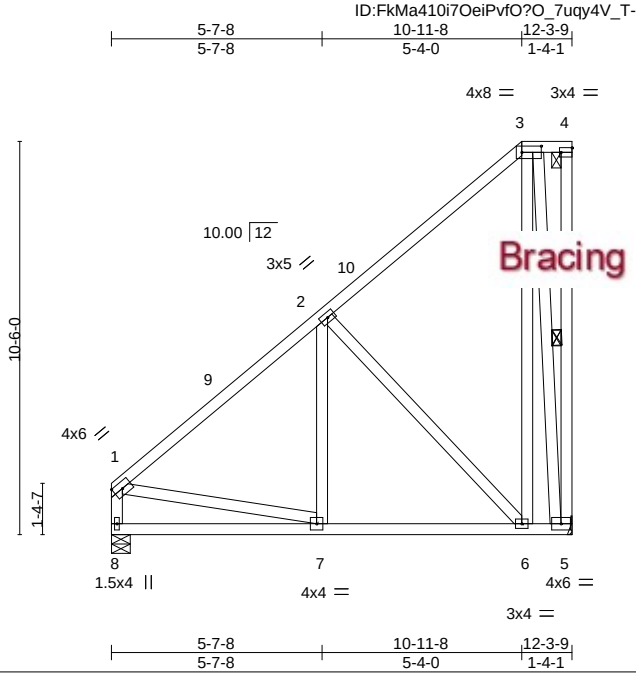


Scale = 1:61.5

Plate Offsets (X,Y)-- [3:0-6-4,0-2-0], [4:Edge,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	0.48	Vert(LL)	-0.02	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.05	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.42	Horz(CT)	-0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-AS							Weight: 115 lb	FT = 20%

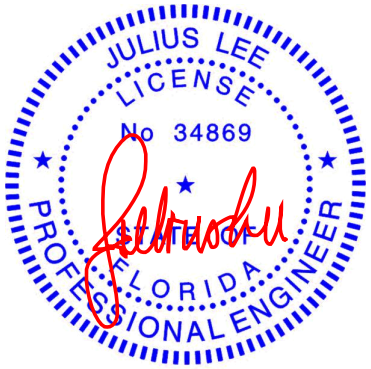
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 3-4.
BOT CHORD Rigid ceiling directly applied.
WEBS 1 Row at midpt 4-5, 3-5

REACTIONS. (size) 5=Mechanical, 8=0-6-0
Max Horz 5=306(LC 9)
Max Uplift 5=-102(LC 9)
Max Grav 5=521(LC 17), 8=481(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-497/71, 2-3=-265/145, 1-8=-430/65
BOT CHORD 6-7=0/340, 5-6=-211/387
WEBS 2-6=-379/190, 3-6=-227/448, 3-5=-528/273, 1-7=-59/263

NOTES-
1) Wind: ASCE 7-16; 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(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-11-8, Exterior(2E) 10-11-8 to 12-1-13 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) except (jt=lb) 5=102.
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	N01	PIGGYBACK BASE GIRDE	1	2	T26436764

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:25 2022 Page 1

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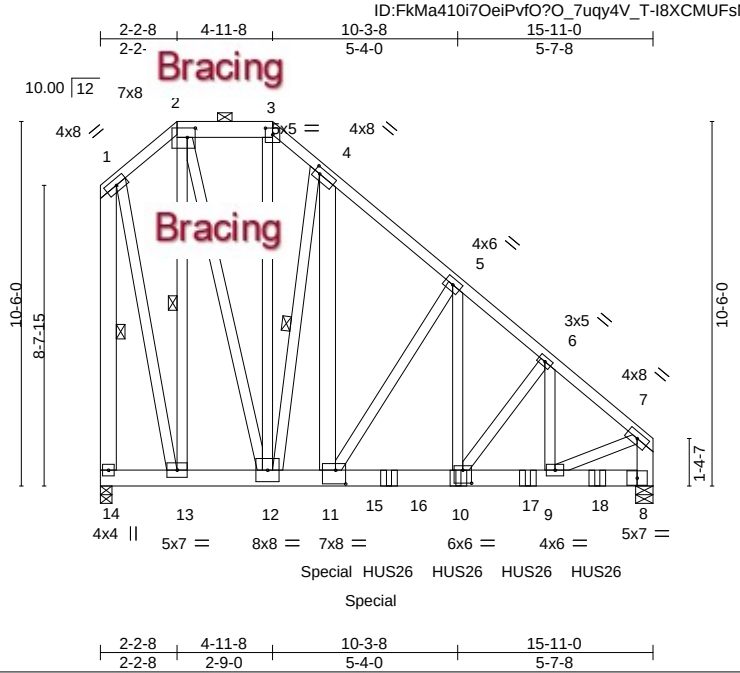


Scale = 1:66.4

Plate Offsets (X,Y)-- [2:0-2-12,0-3-4], [3:0-2-8,0-2-4], [4:0-2-0,0-2-0], [10:0-3-0,0-4-8], [11:0-3-8,0-4-12]

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)	-0.11	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.22	10-11	>844	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.94	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS							Weight: 423 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 2-3: 2x6 SP No.2
BOT CHORD 2x6 SP SS
WEBS 2x4 SP No.2 *Except* 1-14,7-8,4-11: 2x6 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-10-15 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-3.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-13, 1-14, 4-12

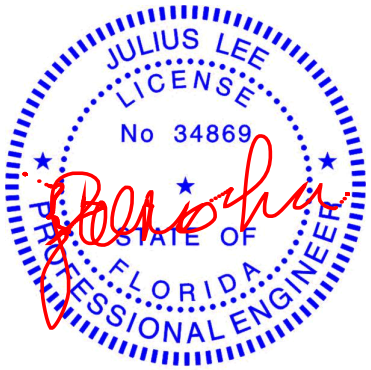
REACTIONS. (size) 14=0-4-0, 8=0-6-0
Max Horz 14=-285(LC 6)
Max Uplift 14=-503(LC 4), 8=-405(LC 8)
Max Grav 14=5513(LC 1), 8=6582(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1607/271, 2-3=-2468/330, 3-4=-3092/407, 4-5=-4930/543, 5-6=-6414/579, 6-7=-6171/431, 1-14=-5520/537, 7-8=-5785/392
BOT CHORD 12-13=-186/1095, 11-12=-316/3633, 10-11=-362/4919, 9-10=-273/4680, 8-9=-26/457
WEBS 2-13=-4335/487, 2-12=-555/5552, 3-12=-214/1625, 5-10=-135/2747, 1-13=-456/4520, 4-11=-791/7522, 4-12=-6506/745, 5-11=-2317/185, 6-9=-581/205, 7-9=-276/4581, 6-10=-201/427

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, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-7-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered 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 7-16; 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
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) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 14=503, 8=405.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2



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NOTES-

12) Use USP HUS26 (With 14-16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 8-3-12 from the left end to 14-3-12 to connect truss(es) to front face of bottom chord.
13) Fill all nail holes where hanger is in contact with lumber.
14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 5586 lb down and 401 lb up at 6-6-8, and 591 lb down and 451 lb up at 7-9-12 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, 3-7=-60, 8-14=-20
   Concentrated Loads (lb)
   Vert: 10=-1198(F) 11=-5586(F) 15=-456(B) 16=-1196(F) 17=-1198(F) 18=-1198(F)

Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	N1GE	Common Supported Gable	1	1	T26436765

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:26 2022 Page 1
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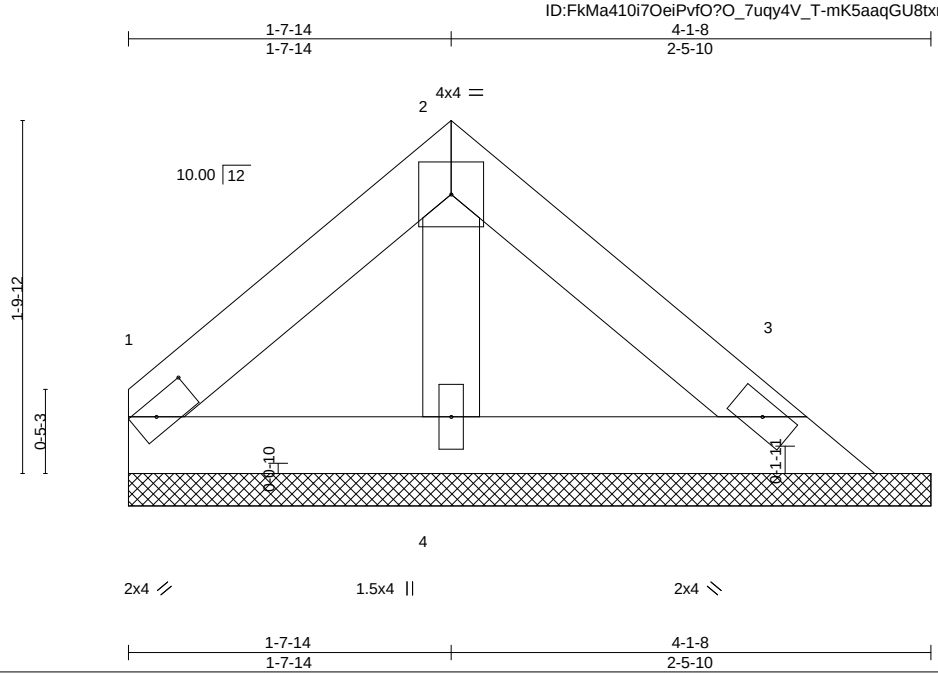


Plate Offsets (X,Y)-- [1:0-2-9,0-1-0]

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P							Weight: 14 lb	FT = 20%

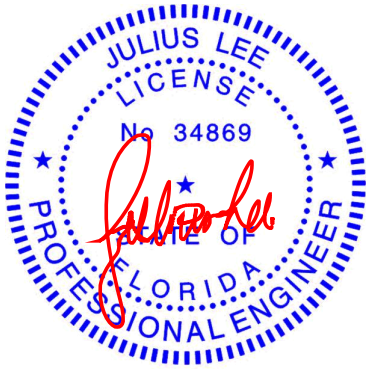
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=4-1-8, 3=4-1-8, 4=4-1-8
Max Horz 1=29(LC 11)
Max Uplift 1=-9(LC 12), 3=-8(LC 12)
Max Grav 1=72(LC 1), 3=81(LC 1), 4=110(LC 1)

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 7-16; 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 Corner(3E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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) 1, 3.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	N02	Common	2	1	T26436766

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:25 2022 Page 1
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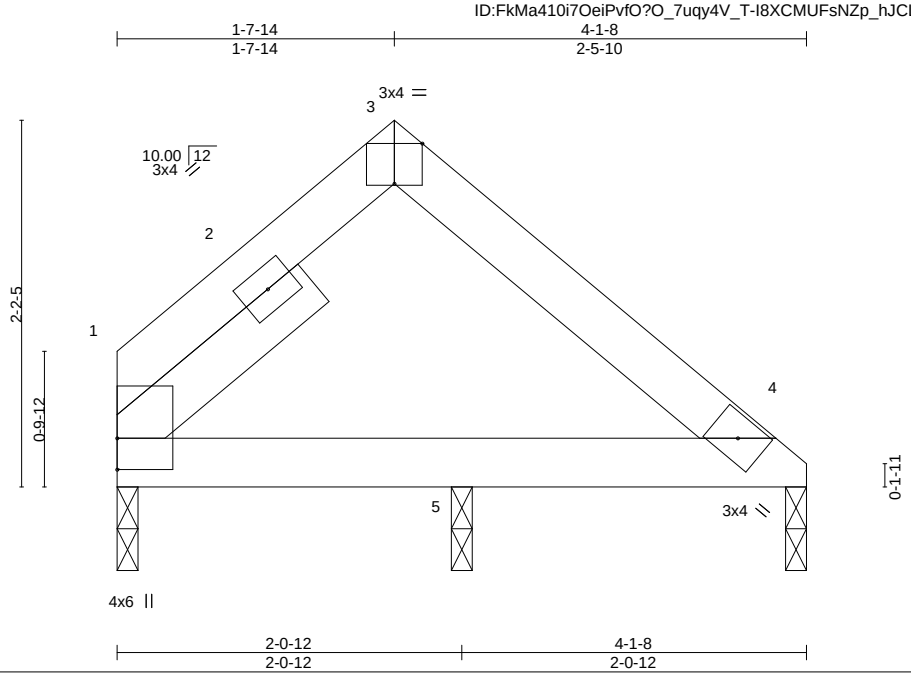

Plate Offsets (X,Y)-- [3:0-2-0,Edge]

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	0.05	Vert(LL)	-0.00	10	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.00	10	>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 FBC2020/TPI2014		Matrix-AS							Weight: 16 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

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

REACTIONS. (size) 1=0-1-8, 4=0-1-8, 5=0-1-8
Max Horz 1=35(LC 11)
Max Uplift 1=-3(LC 12), 4=-1(LC 12)
Max Grav 1=116(LC 1), 4=114(LC 1), 5=106(LC 3)

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 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
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 at joint(s) 1, 4, 5.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 4.
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	Gonzalez
GONZALEZ	PB01	Piggyback	1	1	T26436767
					Job Reference (optional)

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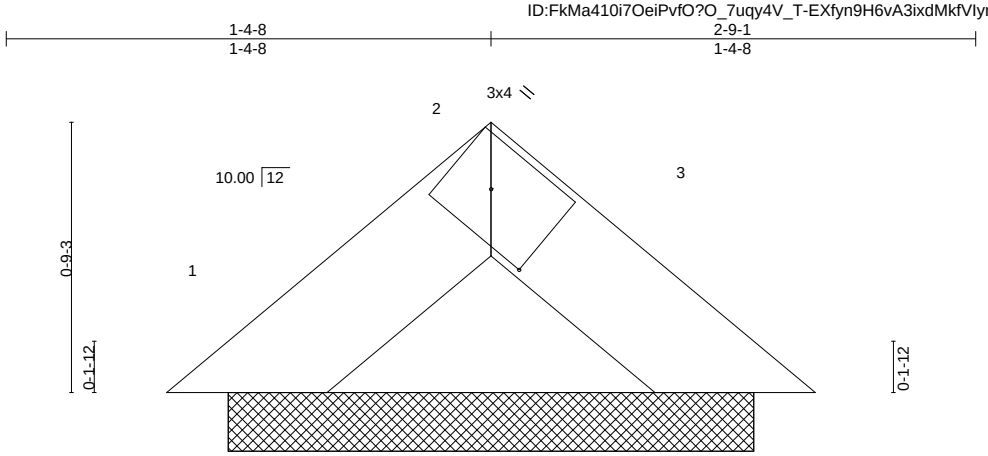


Plate Offsets (X,Y)-- [2:0-2-8,0-1-8]

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	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.00	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P							Weight: 4 lb	FT = 20%

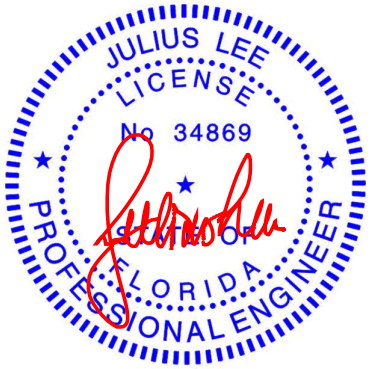
LUMBER-
TOP CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-9-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=1-5-15, 3=1-5-15
Max Horz 1=-12(LC 10)
Max Uplift 1=-8(LC 12), 3=-8(LC 12)
Max Grav 1=42(LC 1), 3=42(LC 1)

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 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Gable requires continuous bottom chord bearing.
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) 1, 3.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB02	PIGGYBACK	22	1	T26436768

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:27 2022 Page 1
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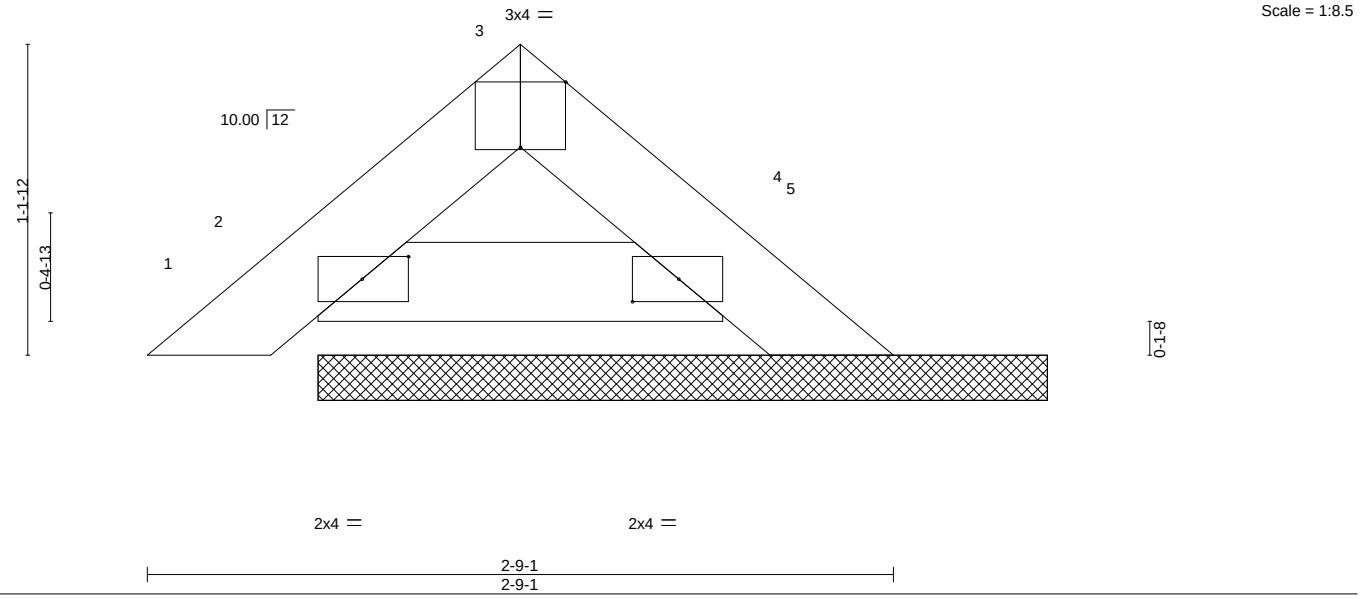


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [3:0-2-0,Edge], [4:0-2-1,0-1-0]

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	0.04	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.02	Vert(CT)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 8 lb	FT = 20%

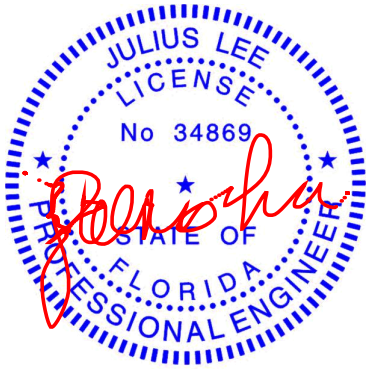
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-9-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=2-8-5, 2=2-8-5
Max Horz 2=20(LC 11)
Max Uplift 2=-11(LC 12)
Max Grav 5=75(LC 1), 2=103(LC 1)

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 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Gable requires continuous bottom chord bearing.
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) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB03	Piggyback	1	1	T26436769

Job Reference (optional)

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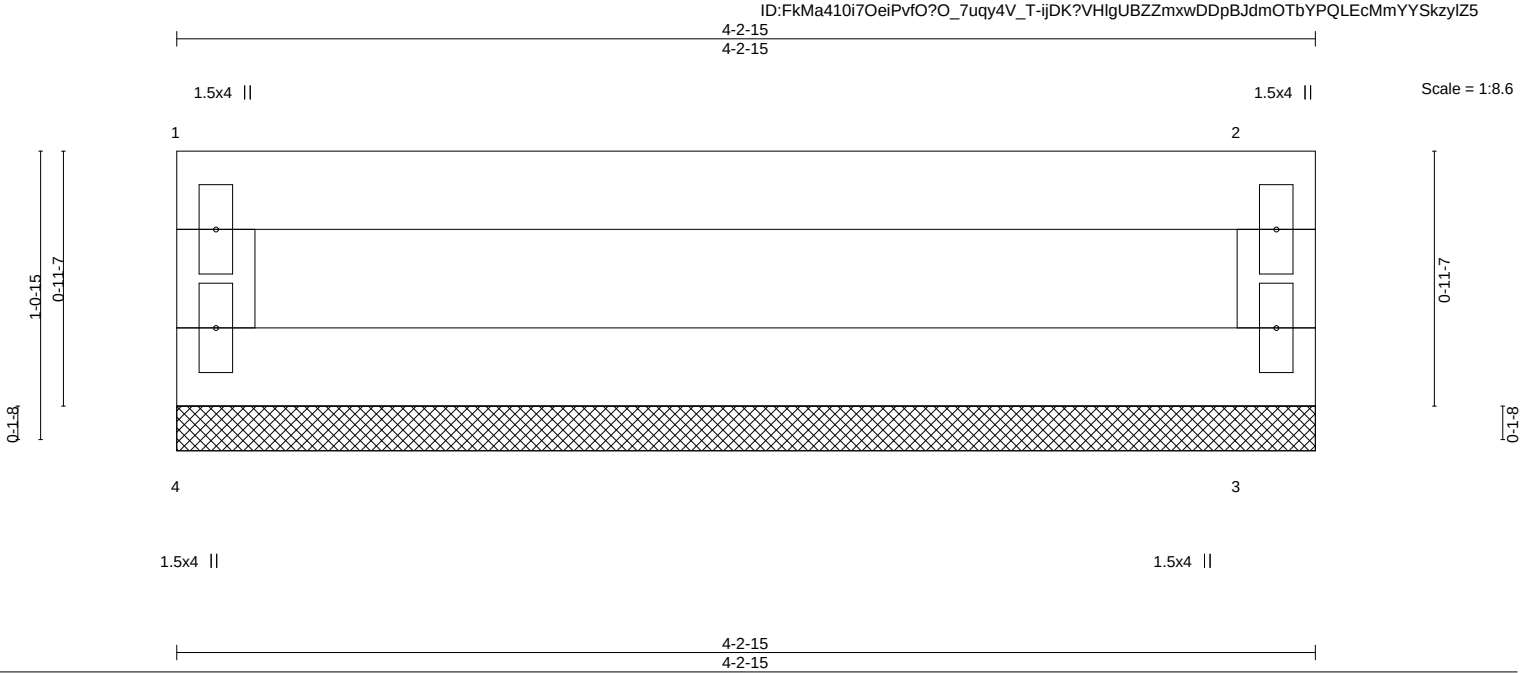


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-R							Weight: 14 lb	FT = 20%

LUMBER-

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

BRACING-

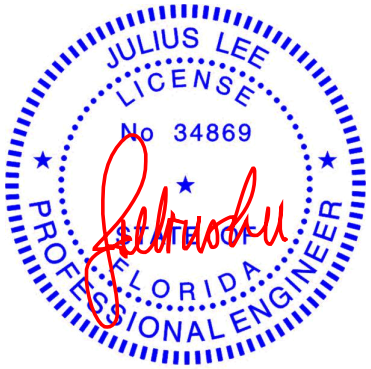
TOP CHORD	Structural wood sheathing directly applied or 4-2-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=4-2-15, 3=4-2-15
Max Horz 4=-18(LC 8)
Max Uplift 4=-6(LC 8), 3=-6(LC 9)
Max Grav 4=158(LC 1), 3=158(LC 1)

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

NOTES-

1) Wind: ASCE 7-16; 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 Corner(3) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 3.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB04	PIGGYBACK	1	2	T26436770

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:29 2022 Page 1

ID:FkMa410i7OeiPvfO?O_7uqy4V_T-AvmjCrINRoJQAwW6nwLQsrJbX?wS9oUmbQH5_BzylZ4

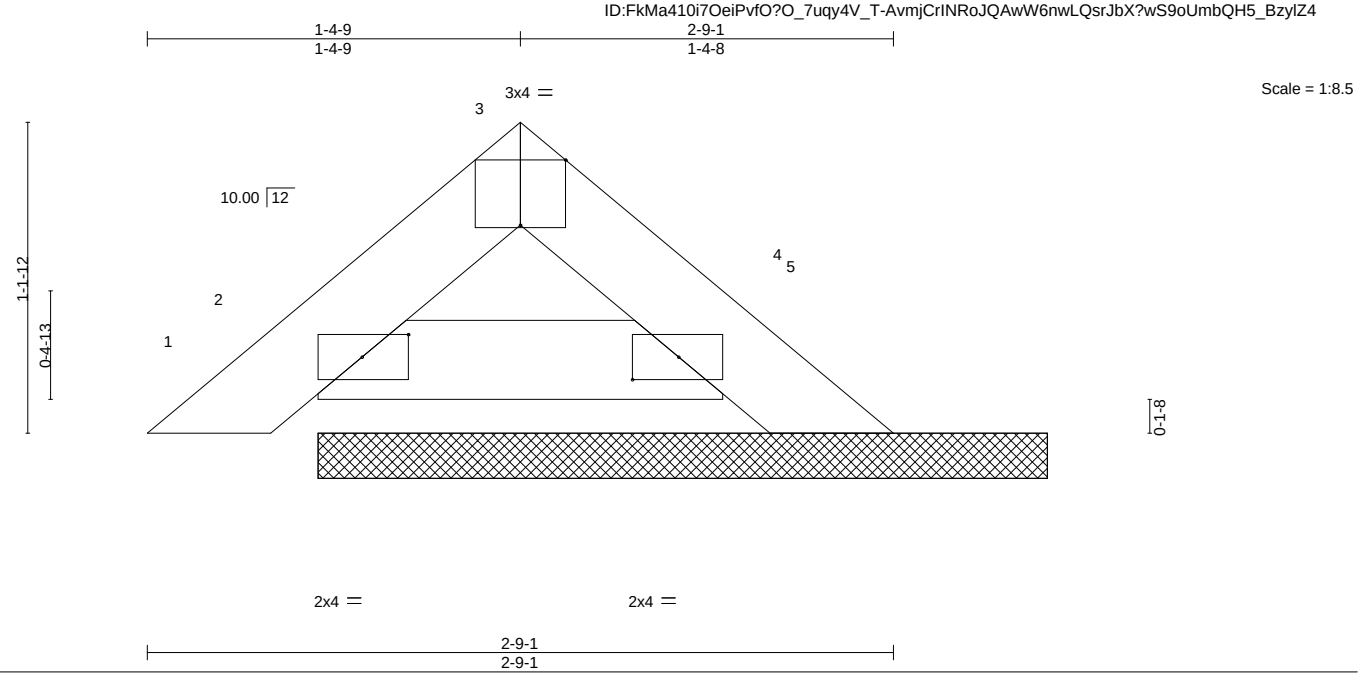


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [3:0-2-0,Edge], [4:0-2-1,0-1-0]

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	0.02	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 15 lb	FT = 20%

LUMBER-

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

BRACING-

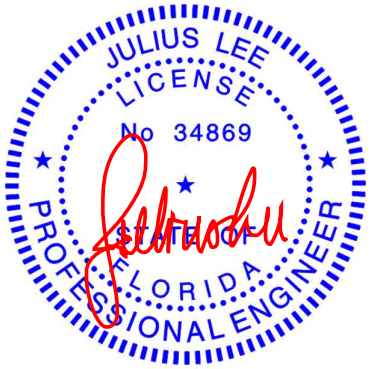
TOP CHORD Structural wood sheathing directly applied or 2-9-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=2-8-5, 2=2-8-5
Max Horz 2=20(LC 11)
Max Uplift 2=-11(LC 12)
Max Grav 5=75(LC 1), 2=103(LC 1)

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

NOTES-

1) 2-ply truss to be connected together as follows:
Top chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected with 10d (0.131"x3") nails 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 7-16; 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(2E) 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
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Gable requires continuous bottom chord bearing.
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) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB06	Piggyback	2	1	T26436771
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:29 2022 Page 1
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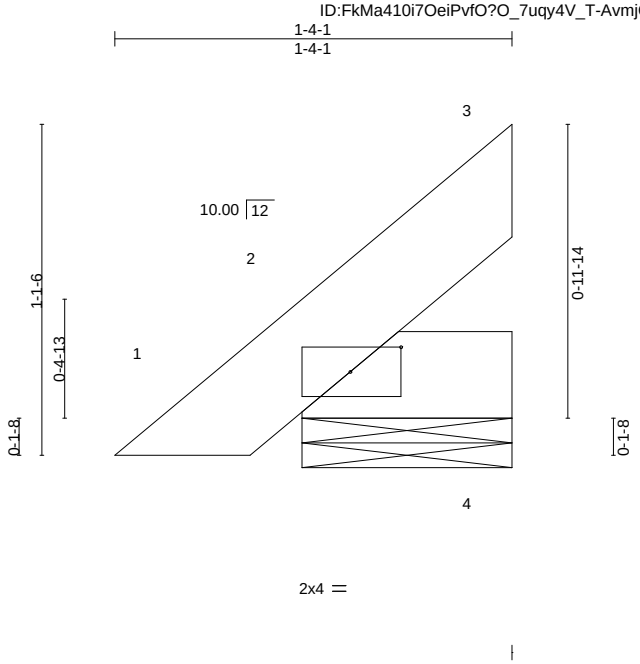


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0]

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	0.03	Vert(LL)	0.00	2	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.02	Vert(CT)	0.00	2	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P							Weight: 4 lb	FT = 20%

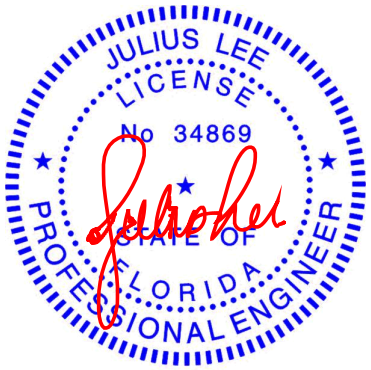
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-4-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-8-8, 4=0-8-8
Max Horz 2=50(LC 12)
Max Uplift 2=-41(LC 12), 4=-28(LC 1)
Max Grav 2=103(LC 1)

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

NOTES-
1) Wind: ASCE 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Gable requires continuous bottom chord bearing.
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, 4.
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB07	GABLE	2	2	T26436772

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:30 2022 Page 1
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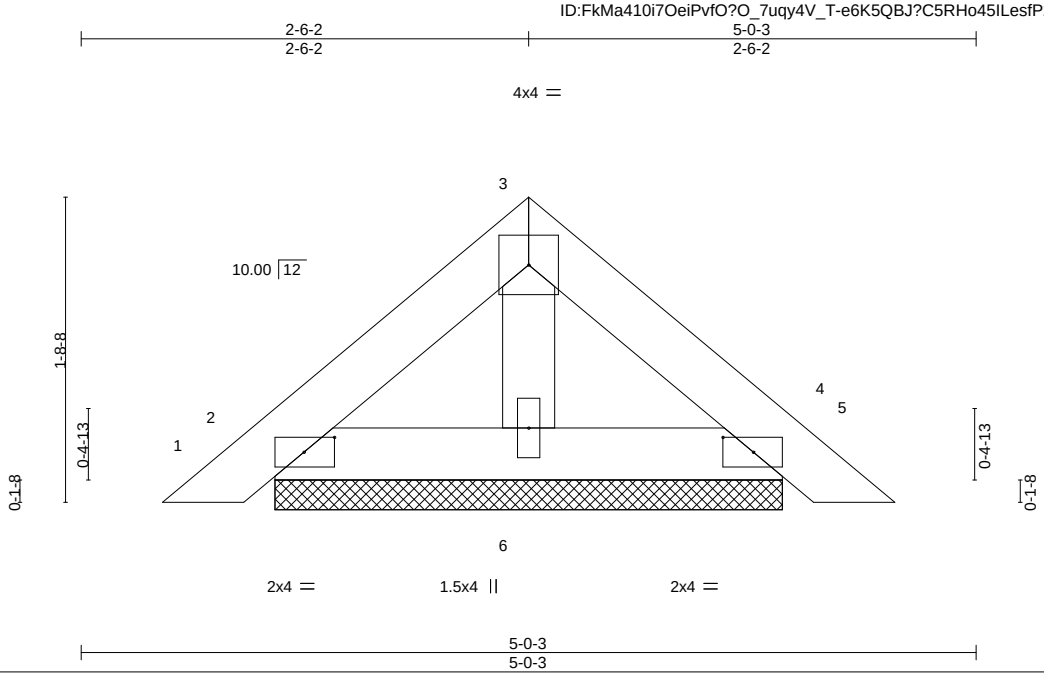


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]

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	0.02	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P							Weight: 27 lb	FT = 20%

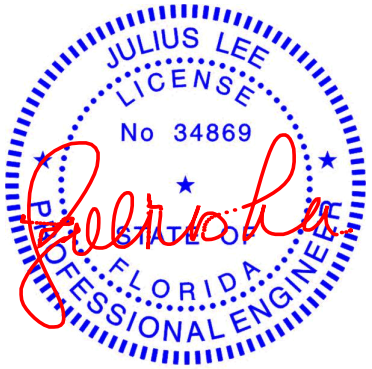
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=2-10-2, 4=2-10-2, 6=2-10-2
Max Horz 2=30(LC 11)
Max Uplift 2=-20(LC 12), 4=-20(LC 12)
Max Grav 2=91(LC 1), 4=91(LC 1), 6=93(LC 1)

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

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.
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 7-16; 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 Corner(3E) 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
5) 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.
6) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB08	Piggyback	9	1	T26436773

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:31 2022 Page 1
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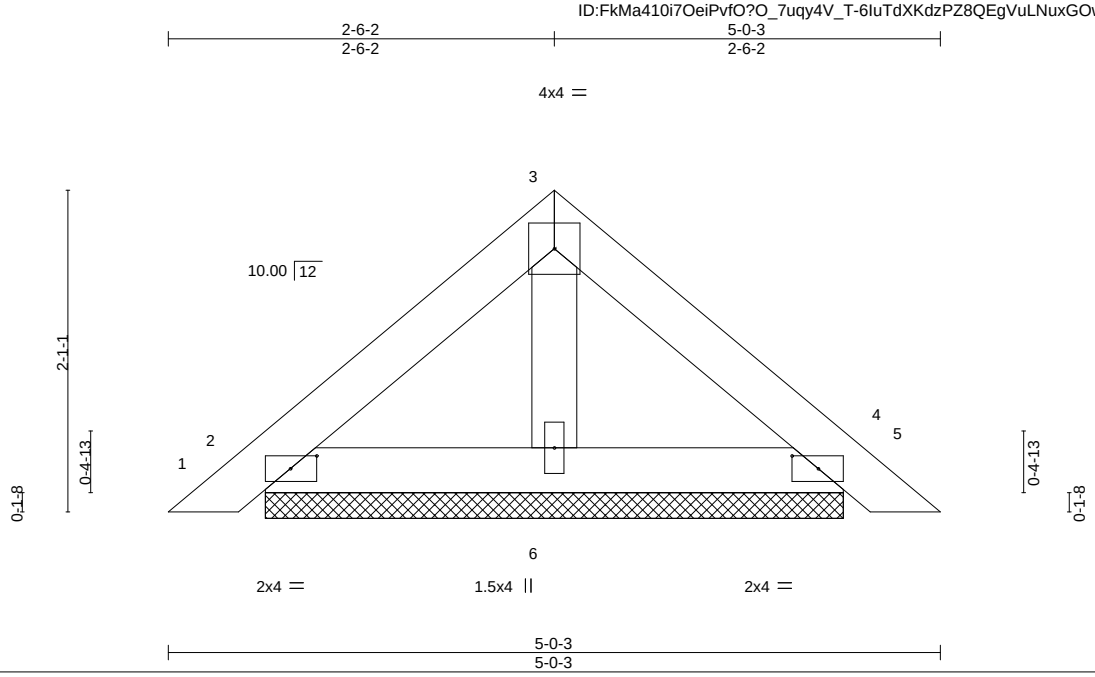

Plate Offsets (X,Y)-- [2:0-2-1,0-1-0], [4:0-2-1,0-1-0]

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	0.07	Vert(LL)	0.00	4	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.01	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P							Weight: 17 lb	FT = 20%

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 5-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=3-9-1, 4=3-9-1, 6=3-9-1
Max Horz 2=-38(LC 10)
Max Uplift 2=-22(LC 12), 4=-22(LC 12)
Max Grav 2=112(LC 1), 4=112(LC 1), 6=125(LC 1)

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 7-16; 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(2E) 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB9A	GABLE	1	1	T26436774

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:38 2022 Page 1
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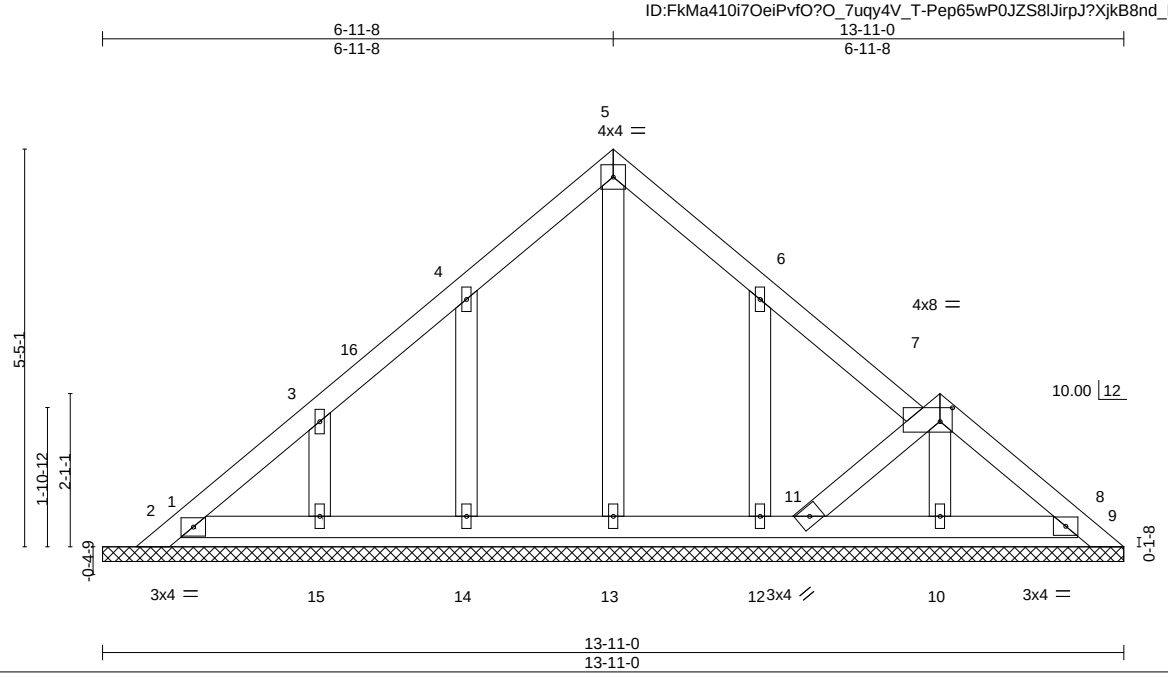

Plate Offsets (X,Y)-- [7:0-2-0,0-2-4]

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	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 68 lb	FT = 20%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 13-11-0.
(lb) - Max Horz 1=104(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 9, 8, 14, 15, 11, 1, 12
Max Grav All reactions 250 lb or less at joint(s) 9, 2, 8, 13, 14, 15, 11, 1, 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 7-16; 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 Corner(3E) 0-8-3 to 3-8-3, Exterior(2N) 3-8-3 to 6-11-8, Corner(3R) 6-11-8 to 9-11-8, Exterior(2N) 9-11-8 to 13-8-5 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 9, 8, 14, 15, 11, 1, 12.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB10	GABLE	10	1	T26436775

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:32 2022 Page 1
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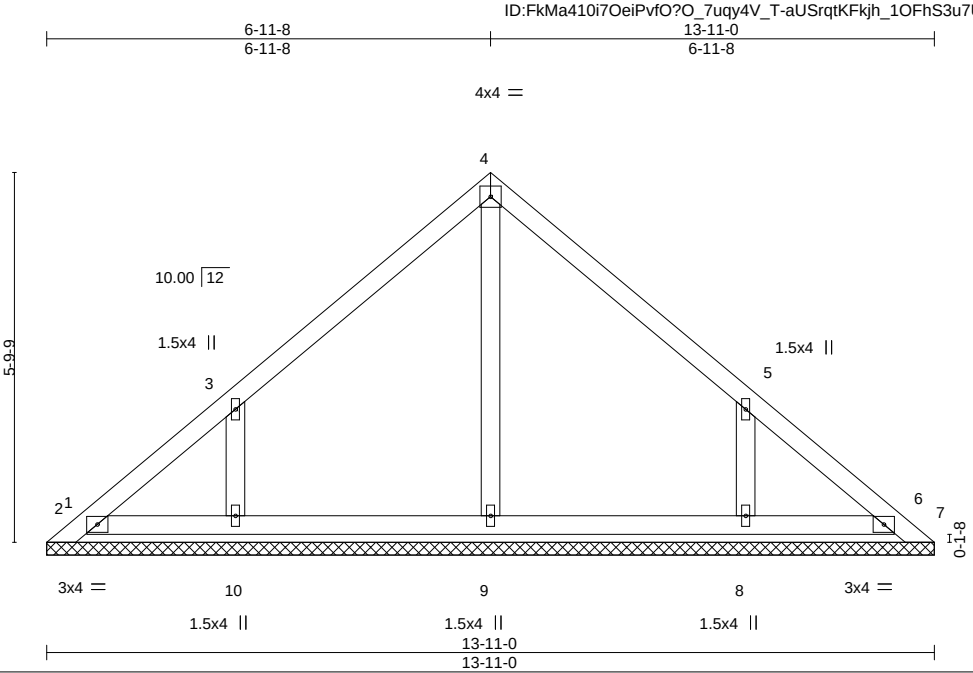

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-S							Weight: 59 lb	FT = 20%

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 13-11-0.
(lb) - Max Horz 1=112(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 10, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 2, 6, 9 except 10=320(LC 17), 8=319(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-251/233

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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 Corner(3E) 0-2-12 to 2-11-8, Exterior(2N) 2-11-8 to 6-11-8, Corner(3R) 6-11-8 to 9-11-8, Exterior(2N) 9-11-8 to 13-8-5 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 4-0-0 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) 1, 7, 10, 8.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB10A	GABLE	1	1	T26436776
					Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:34 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-XtacFZMVFKyiHiO4aUwbZu0Sk0dJq3BVli?sgOzylZ?

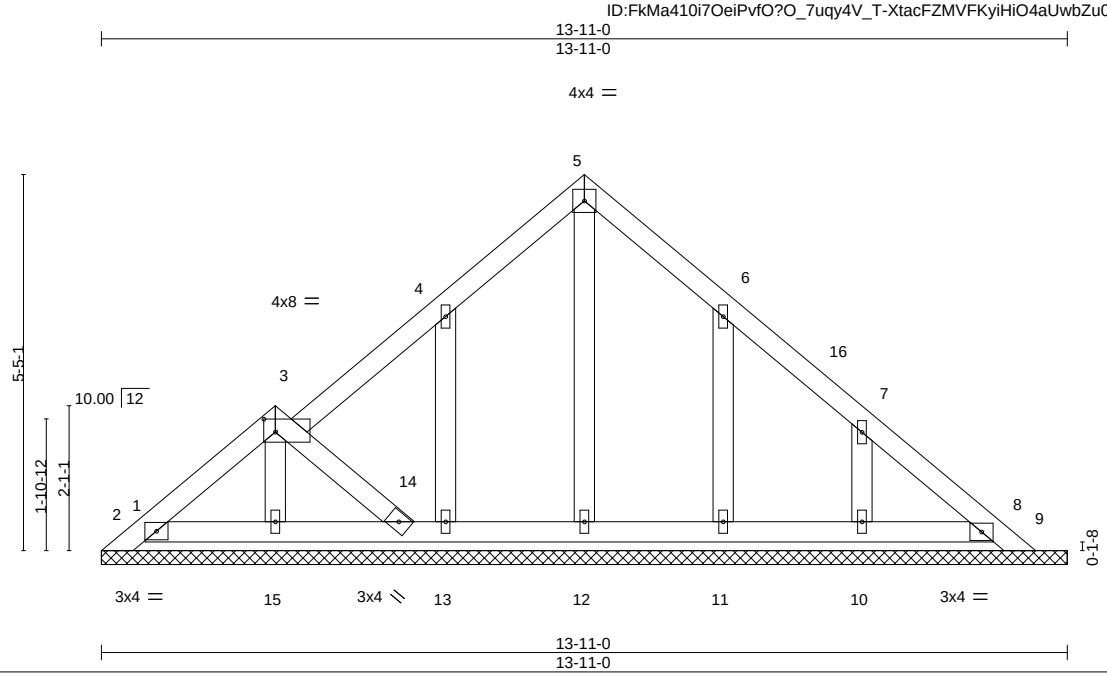


Plate Offsets (X,Y)-- [3:0-2-0,0-2-4]

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	0.06	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-S							Weight: 68 lb	FT = 20%

LUMBER-

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

BRACING-

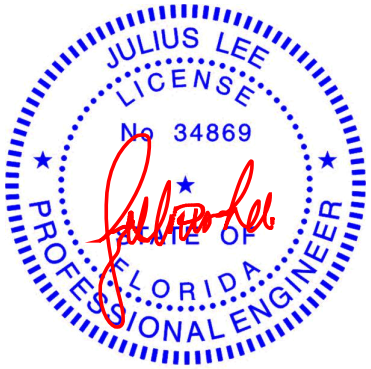
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 13-11-0.
(lb) - Max Horz 1=-104(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 2, 14, 9, 13, 11, 10
Max Grav All reactions 250 lb or less at joint(s) 1, 2, 8, 12, 14, 9, 13, 11, 10, 15

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 7-16; 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 Corner(3E) 0-2-12 to 2-8-13, Exterior(2N) 2-8-13 to 6-11-8, Corner(3R) 6-11-8 to 9-11-8, Exterior(2N) 9-11-8 to 13-2-13 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 1.5x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 2, 14, 9, 13, 11, 10.
11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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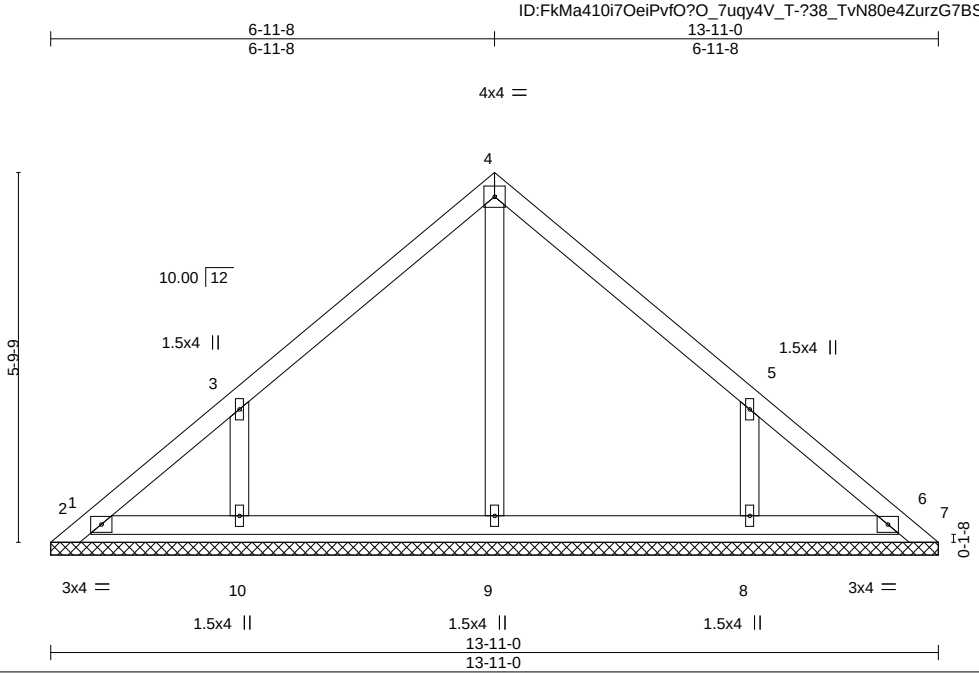
Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB11	GABLE	2	2	T26436777

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:35 2022 Page 1

ID:FkMa410i7OeiPvfO?O_7uqy4V_T-?38_TvN80e4ZurzG7BSq66Zc6Qz6ZWfe_MkPCqzylZ_



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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-S							Weight: 117 lb	FT = 20%

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 13-11-0.

(lb) - Max Horz 1=112(LC 11)

Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 10, 8

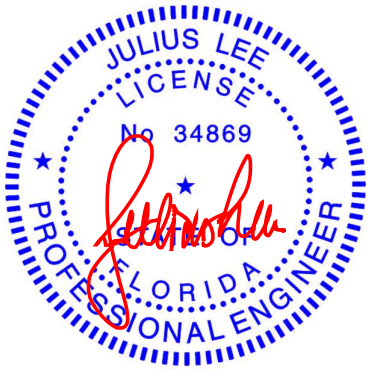
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 2, 6, 9 except 10=320(LC 17), 8=319(LC 18)

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

WEBS 3-10=-251/233

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.
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 7-16; 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 Corner(3E) 0-2-12 to 2-11-8, Exterior(2N) 2-11-8 to 6-11-8, Corner(3R) 6-11-8 to 9-11-8, Exterior(2N) 9-11-8 to 13-8-5 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
5) 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.
6) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 10, 8.
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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January 5,2022

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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB12	Piggyback	3	1	T26436778

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:36 2022 Page 1
ID:FkMa410i7OeiPvfO?O_7uqy4V_T-TGiMgEOmnxCQW?YShuz3eJ5mXpInIyeoC0UzjHzylYz

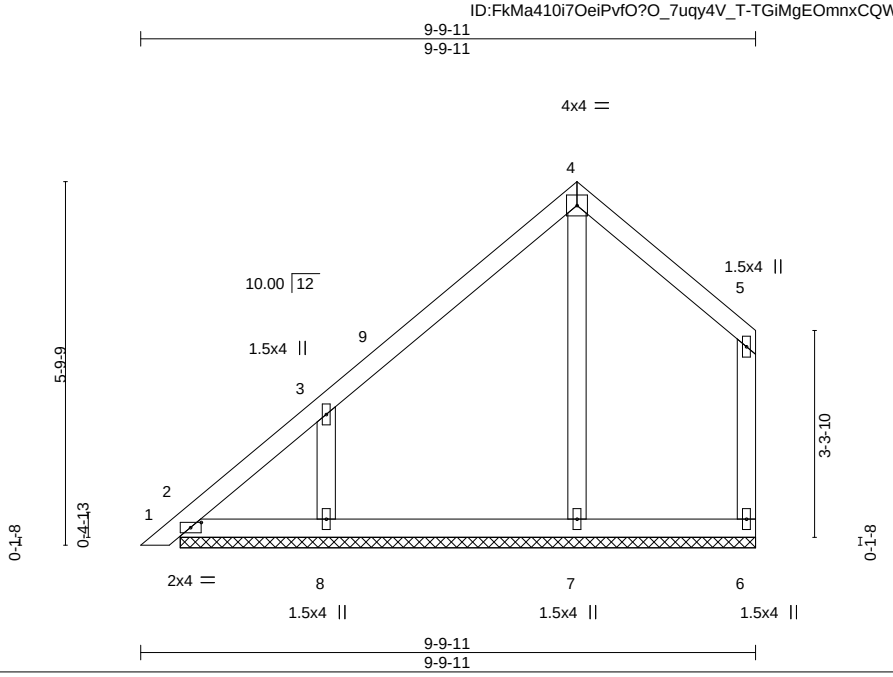


Plate Offsets (X,Y)-- [2:0-2-1,0-1-0]

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	0.17	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 47 lb	FT = 20%

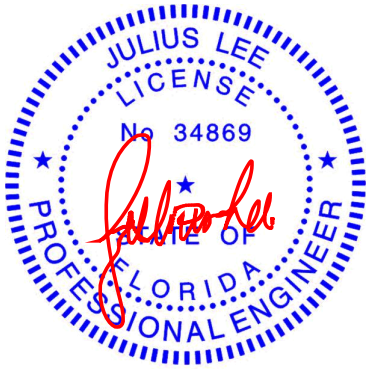
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. All bearings 9-2-2.
(lb) - Max Horz 2=141(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 6, 2, 8
Max Grav All reactions 250 lb or less at joint(s) 6, 2 except 7=283(LC 17), 8=326(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-8=-254/224

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; 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(2E) 0-2-12 to 2-11-8, Interior(1) 2-11-8 to 6-11-8, Exterior(2E) 6-11-8 to 9-7-15 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Gable requires continuous bottom chord bearing.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2, 8.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Job	Truss	Truss Type	Qty	Ply	Gonzalez
GONZALEZ	PB13	Piggyback	1	2	T26436779

Job Reference (optional)

Mayo Truss Company, Inc., Mayo, FL - 32066, 8.430 s Aug 16 2021 MiTek Industries, Inc. Tue Jan 4 11:13:37 2022 Page 1
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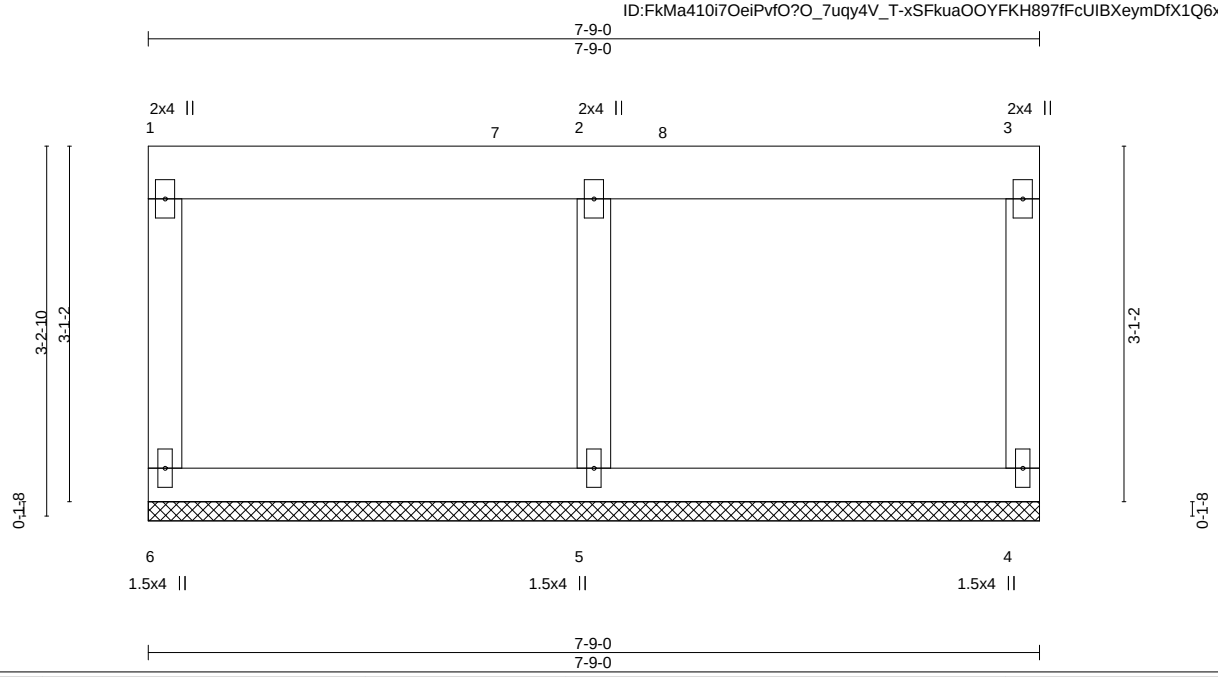


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-R							Weight: 80 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x4 SP No.2

BRACING-

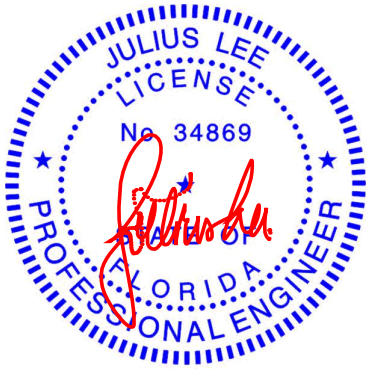
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=7-9-0, 4=7-9-0, 5=7-9-0
Max Horz 6=-76(LC 8)
Max Uplift 6=-16(LC 8), 4=-16(LC 9), 5=-11(LC 9)
Max Grav 6=120(LC 1), 4=120(LC 1), 5=357(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-270/269

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, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords 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) Wind: ASCE 7-16; 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 Corner(3) 0-1-12 to 3-1-12, Exterior(2) 3-1-12 to 4-7-4, Corner(3) 4-7-4 to 7-7-4 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) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) Gable requires continuous bottom chord bearing.
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) 6, 4, 5.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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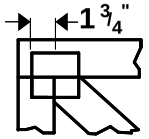
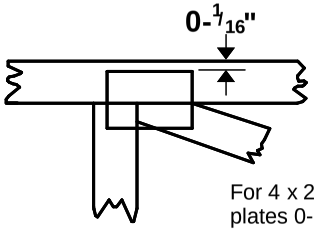
Symbols

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.

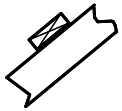
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

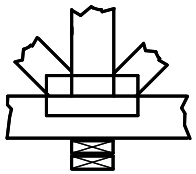
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

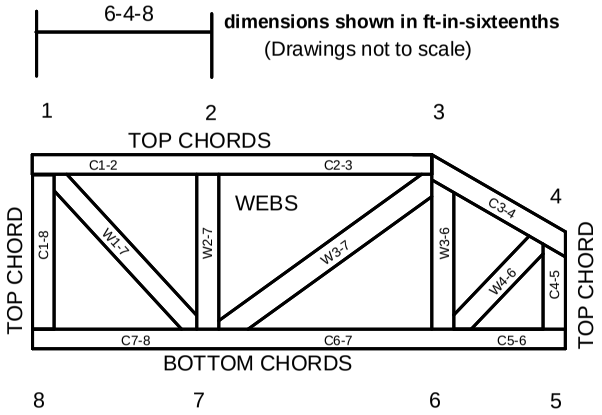


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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. 5/19/2020

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.

21.The design does not take into account any dynamic or other loads other than those expressly stated.