MiTek®

RE: 6242619
1635-CR-Frame-14x10 Lanai

MiTek, Inc.
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200

Site Information:

Customer: Adams Homes-Gainesville
Lot/Block: 090
Address: 281 SW Silver Palm Dr
City: Lake City

Project Name: 6242619
Model: 1635-CR-14x10 Lanai
Subdivision: The Preserve at Laurel Lake
State: Fl

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

Design Code: FBC2023/TPI2014
Wind Code: ASCE 7-22
Roof Load: 40.0 psf

Design Program: MiTek 20/20 8.7
Wind Speed: 130 mph
Floor Load: N/A psf

This package includes 37 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T34967837	A01	9/11/2024	21	T34967857	C5X	9/11/2024
2	T34967838	A02	9/11/2024	22	T34967858	D01X	9/11/2024
3	T34967839	A03	9/11/2024	23	T34967859	E1	9/11/2024
4	T34967840	A04	9/11/2024	24	T34967860	E5L	9/11/2024
5	T34967841	A05	9/11/2024	25	T34967861	E7	9/11/2024
6	T34967842	A06	9/11/2024	26	T34967862	E7X	9/11/2024
7	T34967843	A07	9/11/2024	27	T34967863	F01	9/11/2024
8	T34967844	A08	9/11/2024	28	T34967864	F01X	9/11/2024
9	T34967845	A09	9/11/2024	29	T34967865	H5L	9/11/2024
10	T34967846	A10	9/11/2024	30	T34967866	H7	9/11/2024
11	T34967847	A11	9/11/2024	31	T34967867	J1	9/11/2024
12	T34967848	B01	9/11/2024	32	T34967868	J2	9/11/2024
13	T34967849	B01X	9/11/2024	33	T34967869	L01	9/11/2024
14	T34967850	B02	9/11/2024	34	T34967870	L02	9/11/2024
15	T34967851	B03	9/11/2024	35	T34967871	LV1	9/11/2024
16	T34967852	C1	9/11/2024	36	T34967872	LV2	9/11/2024
17	T34967853	C1L	9/11/2024	37	T34967873	LV3	9/11/2024
18	T34967854	C3	9/11/2024				
19	T34967855	C3L	9/11/2024				
20	T34967856	C5	9/11/2024				

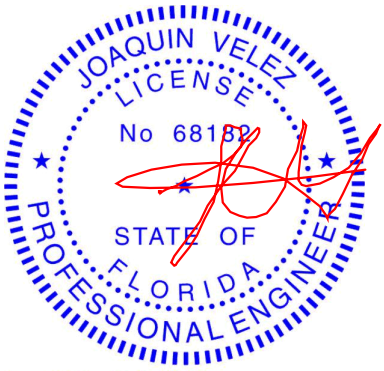
The truss drawing(s) referenced above have been prepared by MiTek USA, Inc under my direct supervision based on the parameters provided by Tibbetts Lumber Co., LLC.

Truss Design Engineer's Name: Velez, Joaquin

My license renewal date for the state of Florida is February 28, 2025.

Florida COA: 6634

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. Any project specific information included is for MiTek customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek 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.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date: September 11, 2024

Velez, Joaquin

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A01	Roof Special	8	1	T34967837
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:32 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-t_zFx2bPPYpNCVCeP4GsgQ9dlhsum2n1EOp9wuyf0ff

-2-0-0	4-7-0	8-3-8	12-0-11	19-3-0	26-5-5	30-2-8	33-11-0	38-6-0	40-6-0
2-0-0	4-7-0	3-8-8	3-9-3	7-2-5	7-2-5	3-9-3	3-8-8	4-7-0	2-0-0

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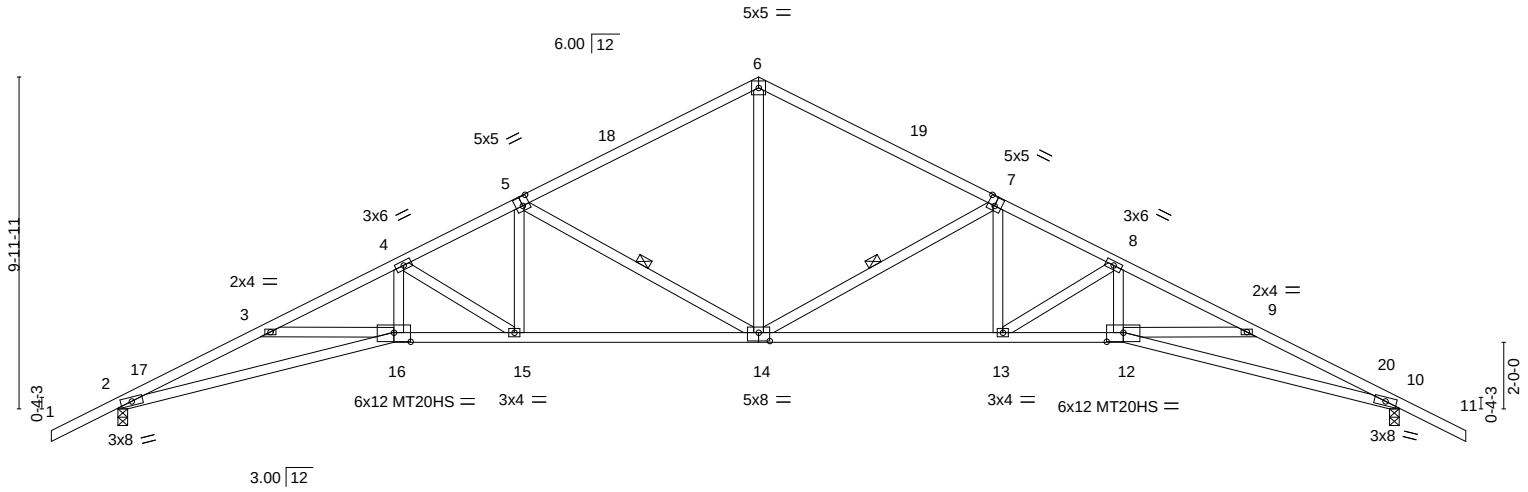


8-3-8	12-0-11	19-3-0	26-5-5	30-2-8	38-6-0
8-3-8	3-9-3	7-2-5	7-2-5	3-9-3	8-3-8

Plate Offsets (X,Y)-- [5:0-2-8,0-3-4], [7:0-2-8,0-3-4], [12:0-6-0,0-3-4], [14:0-4-0,0-3-0], [16:0-6-0,0-3-4]

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	0.98	Vert(LL)	-0.45	14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.97	Vert(CT)	-0.94	13-14	>485	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.63	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.25	14	>999	240	Weight: 205 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except*
	2-16,10-12: 2x4 SP M 31 or 2x4 SP SS
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 7-14, 5-14

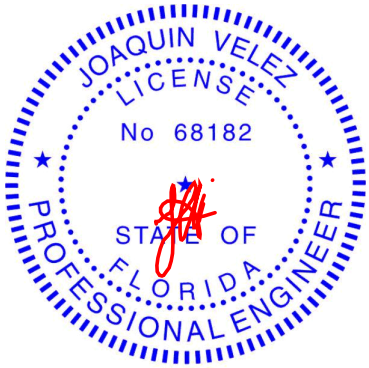
REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=175(LC 11)
Max Uplift 2=-127(LC 12), 10=-127(LC 12)
Max Grav 2=1657(LC 1), 10=1657(LC 1)

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

TOP CHORD	2-3=-5205/364, 3-4=-4989/261, 4-5=-3500/248, 5-6=-2248/225, 6-7=-2248/220, 7-8=-3500/256, 8-9=-4989/278, 9-10=-5205/379
BOT CHORD	2-16=-266/4681, 15-16=-111/4345, 14-15=-62/3099, 13-14=-86/3099, 12-13=-141/4345, 10-12=-296/4681
WEBS	6-14=-40/1507, 7-14=-1356/155, 7-13=0/881, 8-13=-1458/65, 8-12=-3/1242, 5-14=-1356/150, 5-15=0/881, 4-15=-1458/57, 4-16=0/1242

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-3-0, Zone2 19-3-0 to 23-5-15, Zone1 23-5-15 to 40-6-0 zone; cantilever 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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 2, 10 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) 2=127, 10=127.



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MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

September 11,2024

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Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A02	Hip	1	1	T34967838
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:33 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-LAXd9Oc1AsxEqfnrzon5DeioU5C7VV?BS2ZiSKyf0fe

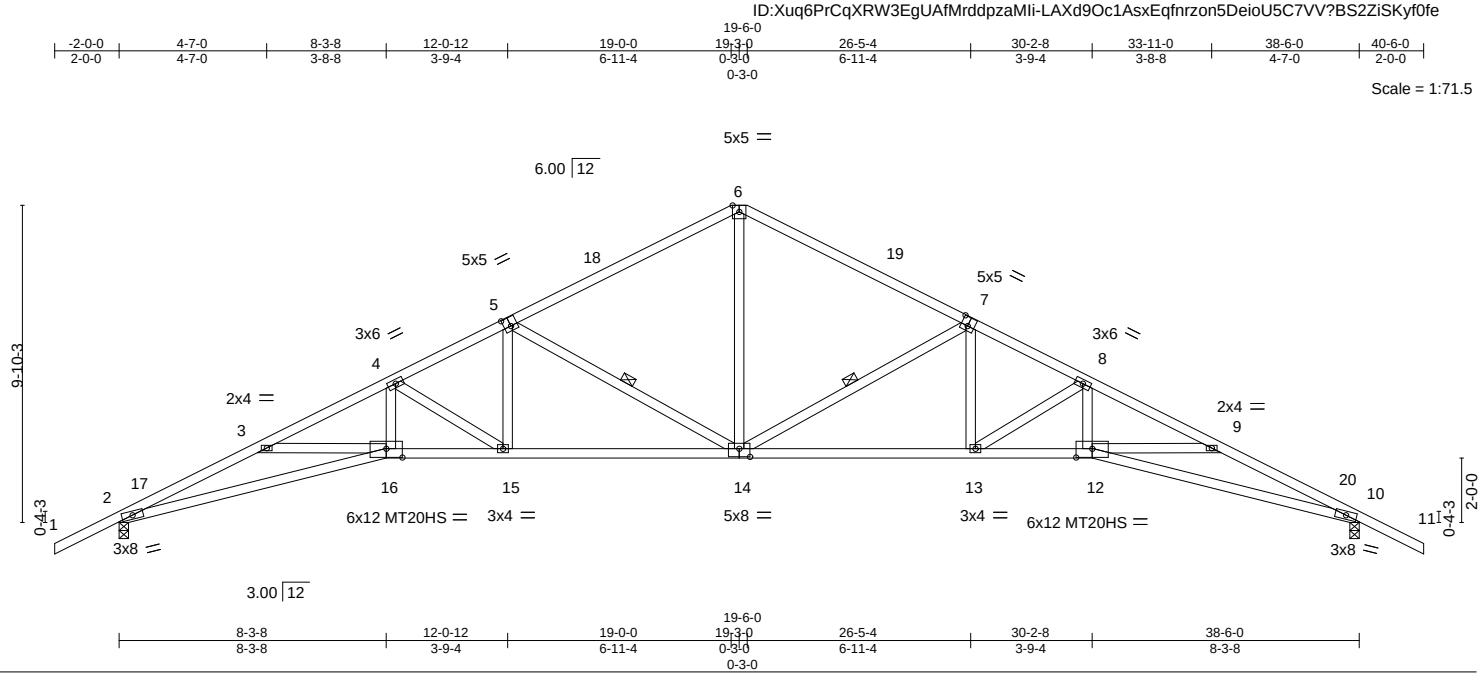


Plate Offsets (X,Y)-- [5:0-2-8,0-3-4], [7:0-2-8,0-3-4], [12:0-6-0,0-3-4], [14:0-4-0,0-3-0], [16:0-6-0,0-3-4]

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	0.98	Vert(LL)	-0.45	14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.97	Vert(CT)	-0.94	13-14	>485	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.45	Horz(CT)	0.63	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.25	14	>999	240	Weight: 204 lb	FT = 20%

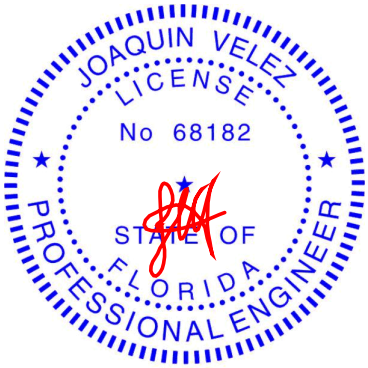
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
2-16,10-12: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-14, 7-14

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=-175(LC 10)
Max Uplift 2=-127(LC 12), 10=-127(LC 12)
Max Grav 2=1657(LC 1), 10=1657(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5205/332, 3-4=-4989/229, 4-5=-3499/220, 5-6=-2248/196, 6-7=-2248/192, 7-8=-3499/225, 8-9=-4989/242, 9-10=-5205/344
BOT CHORD 2-16=-240/4681, 15-16=-86/4345, 14-15=-39/3099, 13-14=-57/3099, 12-13=-110/4345, 10-12=-264/4681
WEBS 4-16=0/1242, 4-15=-1459/57, 5-15=0/881, 5-14=-1356/135, 7-14=-1356/139, 7-13=0/881, 8-13=-1459/63, 8-12=0/1242, 6-14=-33/1507

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-3-0, Zone2 19-3-0 to 23-5-15, Zone1 23-5-15 to 40-6-0 zone; cantilever 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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 2, 10 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) 2=127, 10=127.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

September 11,2024

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A03	Hip	1	1	T34967839
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:34 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-pN5?Mkdfx935SpM1XVIKlrF1FUeKEvYKhiIG?myf0fd

-2-0-0	4-6-11	8-3-8	12-7-12	17-0-0	21-6-0	25-10-4	30-2-8	33-11-5	38-6-0	40-6-0
2-0-0	4-6-11	3-8-13	4-4-4	4-4-4	4-6-0	4-4-4	4-4-4	3-8-13	4-6-11	2-0-0

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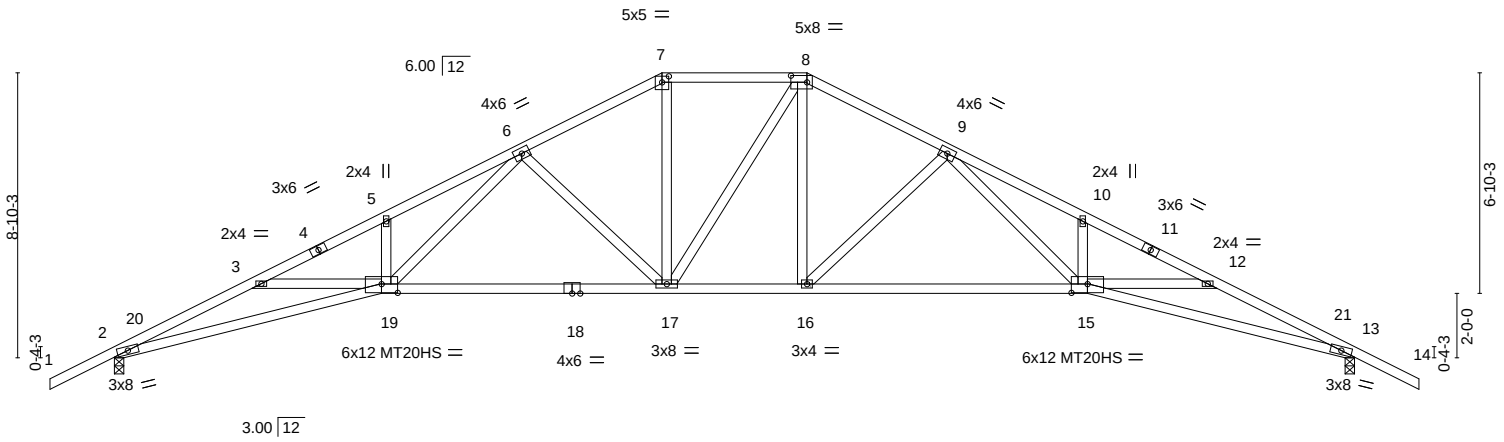


8-3-8	17-0-0	21-6-0	30-2-8	38-6-0
8-3-8	8-8-8	4-6-0	8-8-8	8-3-8

Plate Offsets (X,Y)-- [7:0-2-8,0-2-4], [8:0-6-0,0-2-8], [15:0-6-0,0-3-4], [19:0-6-0,0-3-4]

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	0.66	Vert(LL)	-0.44	15-16	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.99	15-16	>463	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.57	13	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.25	15-16	>999	240	Weight: 211 lb	FT = 20%

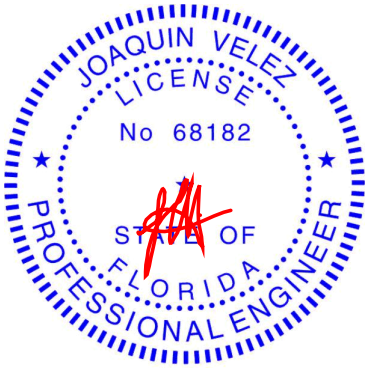
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2

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

REACTIONS. (size) 2=0-3-8, 13=0-3-8
Max Horz 2=156(LC 11)
Max Uplift 2=-127(LC 12), 13=-127(LC 12)
Max Grav 2=1657(LC 1), 13=1657(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5129/372, 3-5=-4921/280, 5-6=-4932/338, 6-7=-2510/230, 7-8=-2205/229, 8-9=-2508/234, 9-10=-4932/350, 10-12=-4922/292, 12-13=-5130/383
BOT CHORD 2-19=-276/4607, 17-19=-76/2913, 16-17=0/2204, 15-16=-94/2912, 13-15=-299/4612
WEBS 5-19=-250/102, 6-19=-83/2094, 6-17=-1012/142, 7-17=-19/842, 8-16=-22/841, 9-16=-1013/144, 9-15=-90/2095, 10-15=-250/102

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 17-0-0, Zone3 17-0-0 to 21-6-0, Zone2 21-6-0 to 25-10-4, Zone1 25-10-4 to 40-6-0 zone; cantilever 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 MT20 plates 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.
8) Bearing at joint(s) 2, 13 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) except (jt=lb) 2=127, 13=127.



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Date:

September 11,2024

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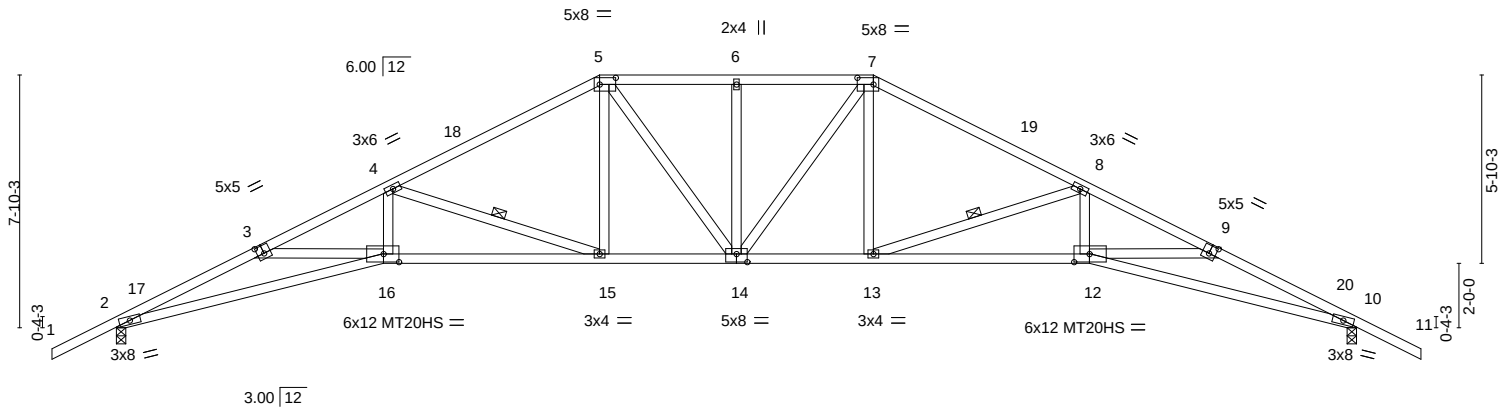
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A04	HIP	1	1	T34967840
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:34 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMli-pN5?Mkdfx935SpM1XVIKlrF1kUe8EyfKhiIG?myf0fd

-2-0-0	4-7-0	8-3-8	15-0-0	19-3-0	23-6-0	30-2-8	33-11-0	38-6-0	40-6-0
2-0-0	4-7-0	3-8-8	6-8-8	4-3-0	4-3-0	6-8-8	3-8-8	4-7-0	2-0-0

Scale = 1:71.5



8-3-8	15-0-0	19-3-0	23-6-0	30-2-8	38-6-0
8-3-8	6-8-8	4-3-0	4-3-0	6-8-8	8-3-8

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:0-6-0,0-2-8], [7:0-6-0,0-2-8], [9:0-2-8,0-3-0], [12:0-5-12,0-3-0], [14:0-4-0,0-3-0], [16:0-5-12,0-3-0]

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	0.69	Vert(LL)	-0.41	14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.84	15-16	>549	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.58	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.23	14	>999	240	Weight: 208 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except*
	3-5,7-9: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD	2x4 SP M 31 or 2x4 SP SS
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-15, 8-13

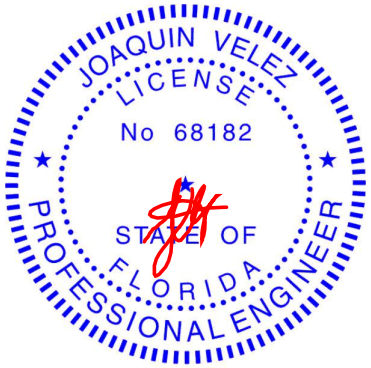
REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=-140(LC 10)
Max Uplift 2=-127(LC 12), 10=-127(LC 12)
Max Grav 2=1657(LC 1), 10=1657(LC 1)

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

TOP CHORD	2-3=-5186/356, 3-4=-5044/305, 4-5=-2879/225, 5-6=-2615/247, 6-7=-2615/247, 7-8=-2879/228, 8-9=-5044/318, 9-10=-5186/368
BOT CHORD	2-16=-260/4661, 15-16=-163/4415, 14-15=-10/2511, 13-14=-20/2511, 12-13=-187/4415, 10-12=-284/4661
WEBS	4-16=0/1269, 4-15=-2030/169, 5-15=0/786, 5-14=-32/334, 7-14=-32/334, 7-13=0/786, 8-13=-2030/176, 8-12=0/1269

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 15-0-0, Zone2 15-0-0 to 19-3-0, Zone1 19-3-0 to 23-6-0, Zone2 23-6-0 to 27-8-15, Zone1 27-8-15 to 40-6-0 zone; cantilever 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 MT20 plates 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.
8) Bearing at joint(s) 2, 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) except (jt=lb) 2=127, 10=127.



Joaquin Velez PE No.68182
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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

September 11,2024

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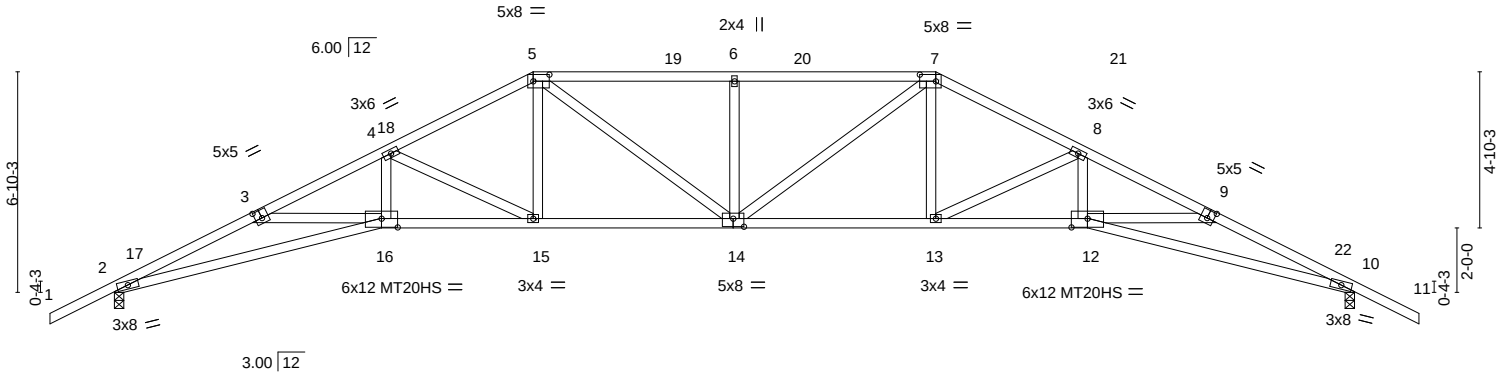
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A05	Hip	1	1	T34967841
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:35 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-HZfOZ4dHiTBy3yxD5DpZI3nCSuu7zKKUwM2pXDyf0fc

-2-0-0	4-6-15	8-3-8	13-0-0	19-3-0	25-6-0	30-2-8	33-11-1	38-6-0	40-6-0
2-0-0	4-6-15	3-8-9	4-8-8	6-3-0	6-3-0	4-8-8	3-8-9	4-6-15	2-0-0

Scale = 1:71.5



8-3-8	13-0-0	19-3-0	25-6-0	30-2-8	38-6-0
8-3-8	4-8-8	6-3-0	6-3-0	4-8-8	8-3-8

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:0-6-0,0-2-8], [7:0-6-0,0-2-8], [9:0-2-8,0-3-0], [12:0-6-0,0-3-4], [14:0-4-0,0-3-0], [16:0-6-0,0-3-4]

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	0.69	Vert(LL)	-0.48	14	>958	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.96	13-14	>475	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.64	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.27	14	>999	240	Weight: 200 lb	FT = 20%

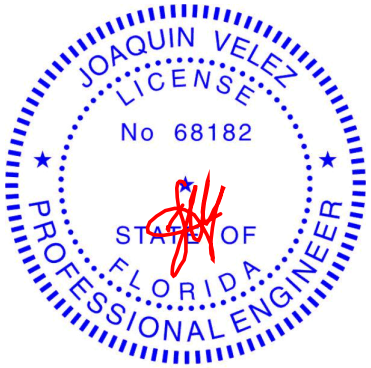
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
2-16,10-12: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 1-4-12 oc bracing.

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=-124(LC 10)
Max Uplift 2=-127(LC 12), 10=-127(LC 12)
Max Grav 2=1657(LC 1), 10=1657(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5208/369, 3-4=-5005/295, 4-5=-3239/236, 5-6=-3235/266, 6-7=-3238/267, 7-8=-3239/242, 8-9=-5004/308, 9-10=-5208/381
BOT CHORD 2-16=-271/4684, 15-16=-148/4367, 14-15=-38/2869, 13-14=-49/2869, 12-13=-172/4367, 10-12=-296/4684
WEBS 4-16=0/1257, 4-15=-1691/130, 5-15=0/850, 5-14=-44/604, 6-14=-419/123, 7-14=-45/607, 7-13=0/851, 8-13=-1691/137, 8-12=0/1257

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 13-0-0, Zone2 13-0-0 to 17-2-15, Zone1 17-2-15 to 25-6-0, Zone2 25-6-0 to 29-8-15, Zone1 29-8-15 to 40-6-0 zone; cantilever 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 MT20 plates 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.
8) Bearing at joint(s) 2, 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) except (jt=lb) 2=127, 10=127.



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Date:

September 11,2024

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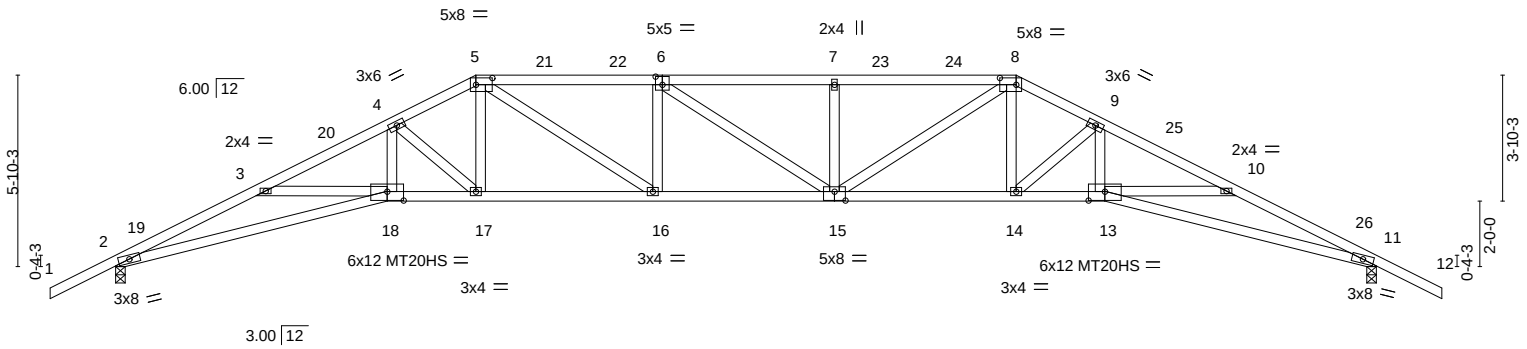
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A06	Hip	1	1	T34967842
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:36 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-lIDmnQevTnJph6WPewKorGKLFIE6iv9d90nM3fyf0fb

-2-0-0	4-6-15	8-3-8	11-0-0	16-6-9	21-11-7	27-6-0	30-2-8	33-11-1	38-6-0	40-6-0
2-0-0	4-6-15	3-8-9	2-8-8	5-6-9	5-4-13	5-6-9	2-8-8	3-8-9	4-6-15	2-0-0

Scale = 1:70.4



8-3-8	11-0-0	16-6-9	21-11-7	27-6-0	30-2-8	38-6-0
8-3-8	2-8-8	5-6-9	5-4-13	5-6-9	2-8-8	8-3-8

Plate Offsets (X,Y)-- [5:0-6-0,0-2-8], [6:0-2-8,0-3-0], [8:0-6-0,0-2-8], [13:0-6-0,0-3-4], [15:0-4-0,0-3-4], [18:0-6-0,0-3-4]

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	0.82	Vert(LL)	-0.55	15-16	>835	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.96	Vert(CT)	-1.10	15-16	>415	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.67	11	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.31	15-16	>999	240	Weight: 200 lb	FT = 20%

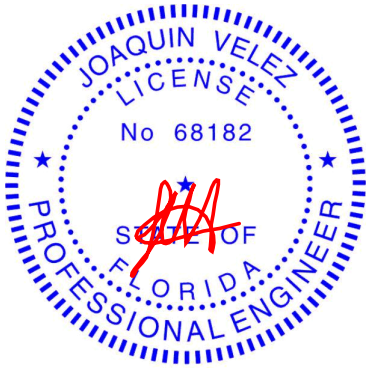
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
2-18,11-13: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2

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

REACTIONS. (size) 2=0-3-8, 11=0-3-8
Max Horz 2=-107(LC 10)
Max Uplift 2=-127(LC 12), 11=-127(LC 12)
Max Grav 2=1657(LC 1), 11=1657(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5201/379, 3-4=-4995/285, 4-5=-3723/256, 5-6=-4029/290, 6-7=-4033/289, 7-8=-4033/289, 8-9=-3723/264, 9-10=-4996/298, 10-11=-5201/391
BOT CHORD 2-18=-283/4676, 17-18=-136/4354, 16-17=-69/3340, 15-16=-126/4042, 14-15=-82/3339, 13-14=-161/4354, 11-13=-307/4676
WEBS 4-18=0/1232, 4-17=-1372/98, 5-17=-23/970, 5-16=-63/930, 6-16=-393/102, 7-15=-331/102, 8-15=-64/936, 8-14=-27/971, 9-14=-1374/104, 9-13=-3/1232

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 11-0-0, Zone2 11-0-0 to 15-2-15, Zone1 15-2-15 to 27-6-0, Zone2 27-6-0 to 31-8-15, Zone1 31-8-15 to 40-6-0 zone; cantilever 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 MT20 plates 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.
8) Bearing at joint(s) 2, 11 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) except (jt=lb) 2=127, 11=127.



Joaquin Velez PE No.68182
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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

September 11,2024

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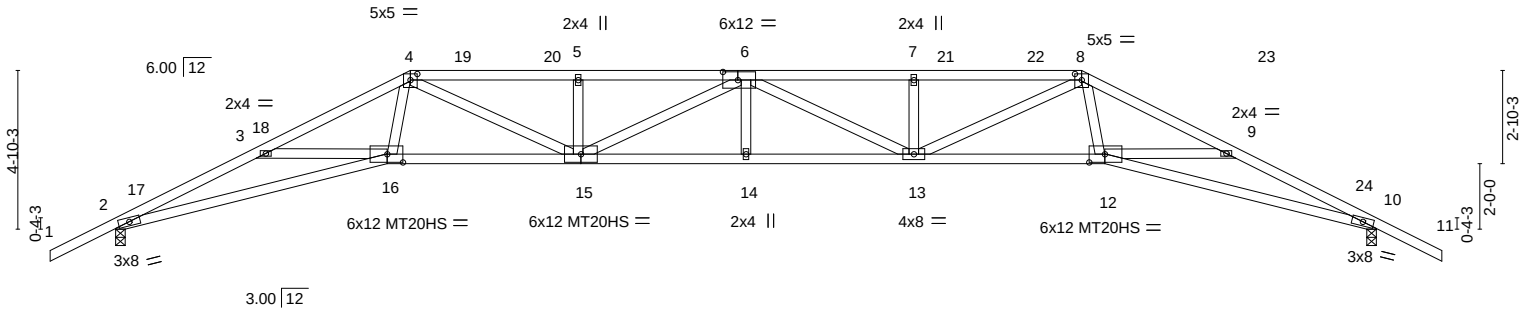
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A07	HIP	1	1	T34967843
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:37 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-Dyn8_mfYE4RgJG5cCds1NUtUHiZhRLlmNgXwb5yf0fa

-2-0-0	4-7-0	9-0-0	14-1-8	19-3-0	24-4-8	29-6-0	33-11-0	38-6-0	40-6-0
2-0-0	4-7-0	4-5-0	5-1-8	5-1-8	5-1-8	5-1-8	4-5-0	4-7-0	2-0-0

Scale = 1:70.4



8-3-8	14-1-8	19-3-0	24-4-8	30-2-8	38-6-0
8-3-8	5-10-0	5-1-8	5-1-8	5-10-0	8-3-8

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

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	0.93	Vert(LL)	-0.68	14	>673	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-1.36	14	>336	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	0.72	10	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.38	14	>999	240	Weight: 187 lb	FT = 20%

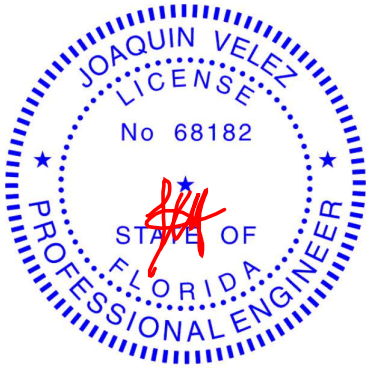
LUMBER-
TOP CHORD 2x4 SP M 31 or 2x4 SP SS *Except*
4-6,6-8: 2x4 SP No.2
BOT CHORD 2x4 SP M 31 or 2x4 SP SS *Except*
15-16: 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: 15-16.

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=91(LC 11)
Max Uplift 2=-127(LC 12), 10=-127(LC 12)
Max Grav 2=1657(LC 1), 10=1657(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5207/393, 3-4=-4961/261, 4-5=-5313/339, 5-6=-5303/336, 6-7=-5292/335, 7-8=-5292/335, 8-9=-4961/273, 9-10=-5206/404
BOT CHORD 2-16=-297/4682, 15-16=-111/4040, 14-15=-217/5702, 13-14=-217/5702, 12-13=-129/4041, 10-12=-320/4681
WEBS 4-16=0/1323, 4-15=-95/1517, 5-15=-319/97, 6-15=-529/29, 6-13=-541/28, 7-13=-319/97, 8-13=-94/1495, 8-12=0/1324

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 9-0-0, Zone2 9-0-0 to 13-2-15, Zone1 13-2-15 to 29-6-0, Zone2 29-6-0 to 33-8-15, Zone1 33-8-15 to 40-6-0 zone; cantilever 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 MT20 plates 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.
8) Bearing at joint(s) 2, 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) except (jt=lb) 2=127, 10=127.



Joaquin Velez PE No.68182
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Date:
September 11,2024

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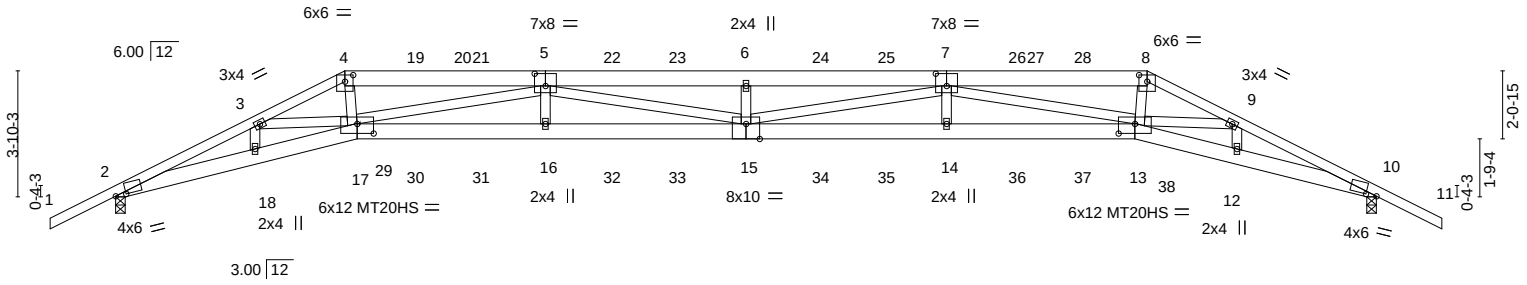
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A08	Hip Girder	1	3	T34967844
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:39 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-AKvuPRhomihOYaE_K2uVSvy_zVNVvFr3r_01g_yf0fY

-2-0-0	4-3-1	7-0-0	13-1-8	19-3-0	25-4-8	31-6-0	34-2-15	38-6-0	40-6-0
2-0-0	4-3-1	2-8-15	6-1-8	6-1-8	6-1-8	6-1-8	2-8-15	4-3-1	2-0-0

Scale = 1:70.4



4-5-5	7-4-8	13-1-8	19-3-0	25-4-8	31-1-8	34-0-11	38-6-0
4-5-5	2-11-3	5-9-0	6-1-8	6-1-8	5-9-0	2-11-3	4-5-5

Plate Offsets (X,Y)-- [2:0-3-15,0-0-2], [4:0-3-0,0-2-7], [5:0-4-0,0-4-8], [7:0-4-0,0-4-8], [8:0-3-0,0-2-7], [10:0-3-15,0-0-2], [13:0-6-0,0-3-8], [15:0-5-0,Edge], [17:0-6-0,0-3-8]

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	0.28	Vert(LL)	-0.61	15	>753	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-1.23	15	>371	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.37	Horz(CT)	0.50	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.40	15	>999	240	Weight: 699 lb	FT = 20%

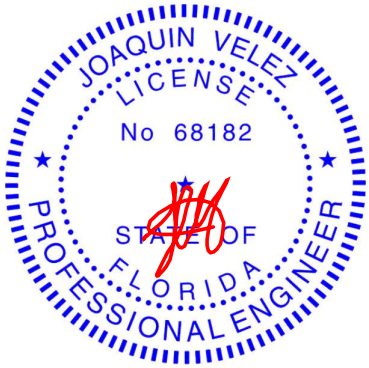
LUMBER-
TOP CHORD 2x6 SP DSS *Except*
1-4,8-11: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD 2x6 SP DSS
WEBS 2x4 SP No.2

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

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=73(LC 26)
Max Uplift 2=-251(LC 8), 10=-278(LC 8)
Max Grav 2=3218(LC 1), 10=3263(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-11115/562, 3-4=-12308/706, 4-5=-12145/675, 5-6=-19977/1447, 6-7=-19977/1447, 7-8=-12347/788, 8-9=-12516/823, 9-10=-11283/665
BOT CHORD 2-18=-439/10054, 17-18=-451/10257, 16-17=-1087/17675, 15-16=-1087/17675, 14-15=-1214/17897, 13-14=-1214/17897, 12-13=-546/10415, 10-12=-533/10207
WEBS 3-18=-507/100, 3-17=-186/1429, 4-17=-117/4824, 5-17=-5803/552, 5-16=0/472, 5-15=-249/2430, 6-15=-836/276, 7-15=-118/2200, 7-14=0/471, 7-13=-5826/566, 8-13=-146/4878, 9-13=-214/1468, 9-12=-522/103

NOTES-
1) 3-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 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever 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 MT20 plates 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.
10) Bearing at joint(s) 2, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=251, 10=278.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date: September 11,2024

Continued on page 2

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NOTES-

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 265 lb down and 180 lb up at 7-0-0, 123 lb down and 83 lb up at 9-0-12, 123 lb down and 83 lb up at 11-0-12, 123 lb down and 83 lb up at 13-0-12, 123 lb down and 83 lb up at 15-0-12, 123 lb down and 83 lb up at 17-0-12, 123 lb down and 83 lb up at 19-0-12, 123 lb down and 83 lb up at 19-5-4, 144 lb down and 95 lb up at 21-5-4, 144 lb down and 95 lb up at 23-5-4, 144 lb down and 95 lb up at 25-5-4, 144 lb down and 95 lb up at 27-5-4, and 144 lb down and 95 lb up at 29-5-4, and 286 lb down and 192 lb up at 31-6-0 on top chord, and 318 lb down at 7-0-0, 96 lb down at 9-0-12, 96 lb down at 11-0-12, 96 lb down at 13-0-12, 96 lb down at 15-0-12, 96 lb down at 17-0-12, 96 lb down at 19-0-12, 96 lb down at 19-5-4, 96 lb down at 21-5-4, 96 lb down at 23-5-4, 96 lb down at 25-5-4, 96 lb down at 27-5-4, and 96 lb down at 29-5-4, and 318 lb down at 31-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-60, 4-8=-60, 8-11=-60, 2-17=-20, 13-17=-20, 10-13=-20
   Concentrated Loads (lb)
   Vert: 4=-218(B) 8=-239(B) 5=-123(B) 16=-48(B) 15=-96(B) 6=-247(B) 7=-144(B) 14=-48(B) 19=-123(B) 21=-123(B) 22=-123(B) 23=-123(B) 24=-144(B) 25=-144(B) 26=-144(B) 28=-144(B) 29=-277(B) 30=-48(B) 31=-48(B) 32=-48(B) 33=-48(B) 34=-48(B) 35=-48(B) 36=-48(B) 37=-48(B) 38=-277(B)

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A09	Hip	4	1	T34967845
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:39 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-AKvuPRhomihOYaE_K2uVSvyvcVHqvFw3r_01g_yf0fY

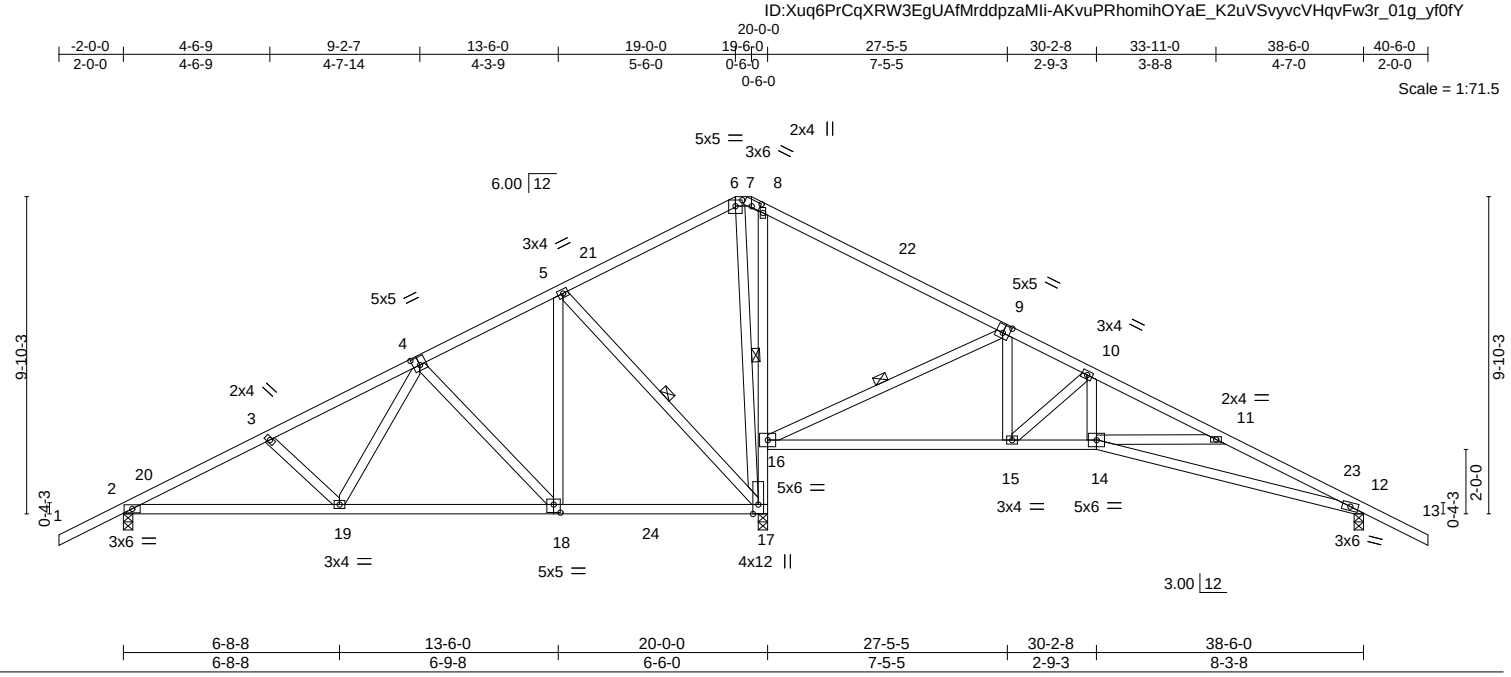


Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [6:0-2-8,0-2-4], [7:0-2-15,0-2-5], [9:0-2-8,0-3-0], [18:0-2-8,0-3-0]

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	0.62	Vert(LL)	-0.18	12-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.39	12-14	>573	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.36	Horz(CT)	-0.04	12	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.06	14	>999	240	Weight: 230 lb	FT = 20%

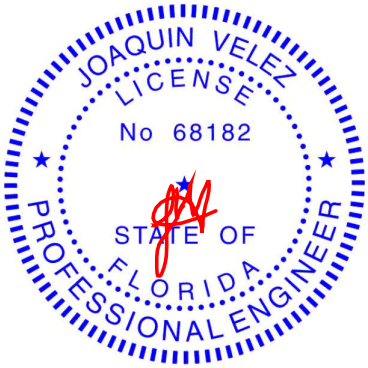
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
4-8-2 oc bracing: 16-17.
WEBS 1 Row at midpt 5-17, 6-17, 9-16

REACTIONS. (size) 2=0-3-8, 12=0-3-8, 17=0-3-8
Max Horz 2=173(LC 11)
Max Uplift 2=-156(LC 12), 12=-158(LC 12)
Max Grav 2=907(LC 17), 12=887(LC 18), 17=1856(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1316/224, 3-4=-1157/214, 4-5=-578/233, 5-6=-85/277, 6-7=-94/254, 7-8=-152/283, 8-9=-73/313, 9-10=-1007/258, 10-11=-1706/266, 11-12=-2106/365
BOT CHORD 2-19=-129/1215, 18-19=-79/846, 17-18=-30/501, 16-17=-1177/155, 8-16=-587/140, 15-16=-87/854, 14-15=-130/1416, 12-14=-283/1907
WEBS 4-19=0/446, 4-18=-502/71, 5-18=0/665, 5-17=-909/99, 9-16=-1133/126, 9-15=0/657, 10-15=-723/58, 10-14=-14/647, 11-14=-360/132

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-0-0, Zone3 19-0-0 to 19-6-0, Zone2 19-6-0 to 23-8-15, Zone1 23-8-15 to 40-6-0 zone; cantilever 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) Bearing at joint(s) 12 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) 2=156, 12=158.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

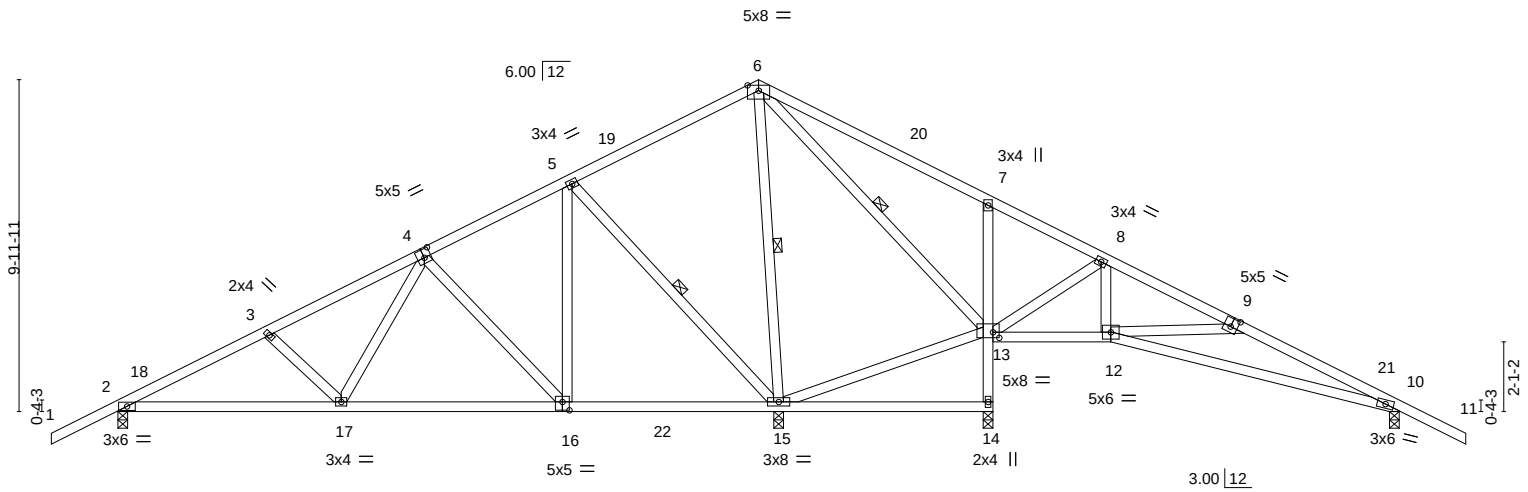
September 11,2024

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A10	Roof Special	2	1	T34967846
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:40 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-eXSHdnhQW?pFAkpBtmPk?6V4ZvgPehFD3elaCQyf0fX

-2-0-0	4-6-9	9-2-8	13-6-0	19-3-0	26-3-8	29-10-0	33-6-11	38-6-0	40-6-0
2-0-0	4-6-9	4-7-14	4-3-8	5-9-0	7-0-8	3-6-8	3-8-11	4-11-5	2-0-0

Scale = 1:69.2



6-8-8	13-6-0	19-10-4	26-1-12	26-3-8	29-10-0	38-6-0
6-8-8	6-9-8	6-4-4	6-3-8	0-1-12	3-6-8	8-8-0

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [9:0-2-8,0-3-0], [13:0-2-4,0-2-0], [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	0.61	Vert(LL)	-0.19	10-12	>780	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.38	10-12	>388	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.42	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.02	16-17	>999	240	Weight: 234 lb	FT = 20%

LUMBER-

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

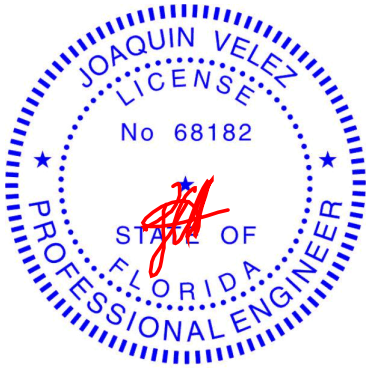
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-11-6 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-15, 6-15, 6-13

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=175(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 14, 10, 15 except 2=-105(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=746(LC 17), 14=770(LC 24), 10=474(LC 18), 15=1858(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-963/107, 3-4=-800/96, 5-6=0/622, 6-7=0/686, 7-8=-15/685, 9-10=-515/57
BOT CHORD 2-17=-23/915, 16-17=0/530, 13-14=-716/106, 7-13=-396/170, 10-12=-5/431
WEBS 4-17=0/467, 4-16=-510/68, 5-16=0/629, 5-15=-883/114, 6-15=-801/36, 13-15=-548/153, 8-13=-528/0, 8-12=0/384, 9-12=-467/151

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-3-0, Zone2 19-3-0 to 23-5-15, Zone1 23-5-15 to 40-6-0 zone; cantilever 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, with BCDL = 10.0psf.
6) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 10, 15 except (jt=lb) 2=105.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

September 11,2024

MiTek®
16023 Swingley Ridge Rd.
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	A11	Roof Special	1	1	T34967847
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:41 2024 Page 1
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2-0-0	4-6-9	4-7-14	4-3-8	5-9-0	7-0-8	4-1-0	3-8-7	4-5-1	2-0-0

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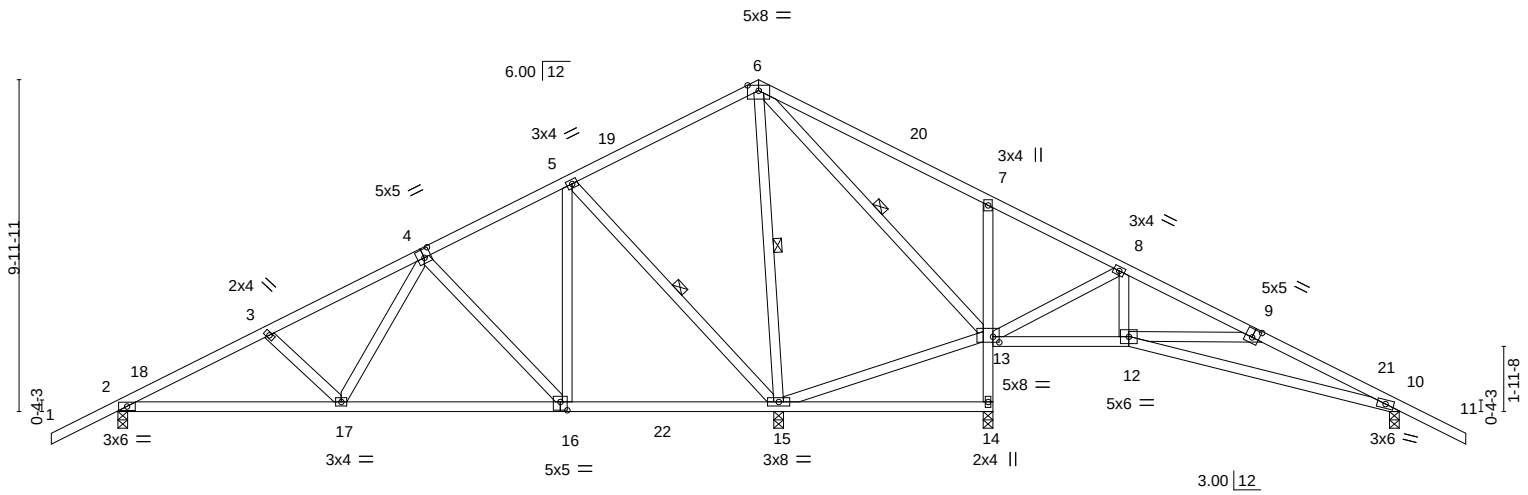


6-8-8	13-6-0	19-10-4	26-3-8	30-4-8	38-6-0
6-8-8	6-9-8	6-4-4	6-5-4	4-1-0	8-1-8

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [9:0-2-8,0-3-0], [13:0-2-4,0-2-0], [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	0.61	Vert(LL)	-0.15	10-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.29	10-12	>504	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.02	16-17	>999	240	Weight: 235 lb	FT = 20%

LUMBER-

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

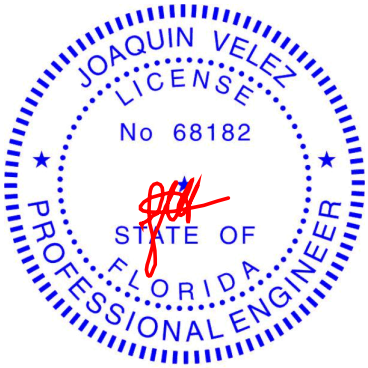
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-11-7 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-15, 6-15, 6-13

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=175(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 14, 10, 15 except 2=-105(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=744(LC 17), 14=789(LC 24), 10=463(LC 18), 15=1845(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-960/109, 3-4=-798/98, 5-6=0/625, 6-7=0/698, 7-8=-16/697, 9-10=-541/57
BOT CHORD 2-17=-24/912, 16-17=0/527, 13-14=-735/109, 7-13=-401/172, 10-12=-6/457
WEBS 4-17=0/467, 4-16=-510/68, 5-16=0/629, 5-15=-883/114, 6-15=-799/36, 13-15=-543/151, 8-13=-573/3, 8-12=0/355, 9-12=-442/143

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-3-0, Zone2 19-3-0 to 23-5-15, Zone1 23-5-15 to 40-6-0 zone; cantilever 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, with BCDL = 10.0psf.
6) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 10, 15 except (jt=lb) 2=105.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

September 11,2024

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	B01	Roof Special	1	1	T34967848
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:41 2024 Page 1
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-2-0-0	4-6-9	9-2-8	13-6-0	19-3-0	26-3-8	31-2-5	36-4-8	38-6-0	40-6-0
2-0-0	4-6-9	4-7-14	4-3-8	5-9-0	7-0-8	4-10-13	5-2-4	2-1-8	2-0-0

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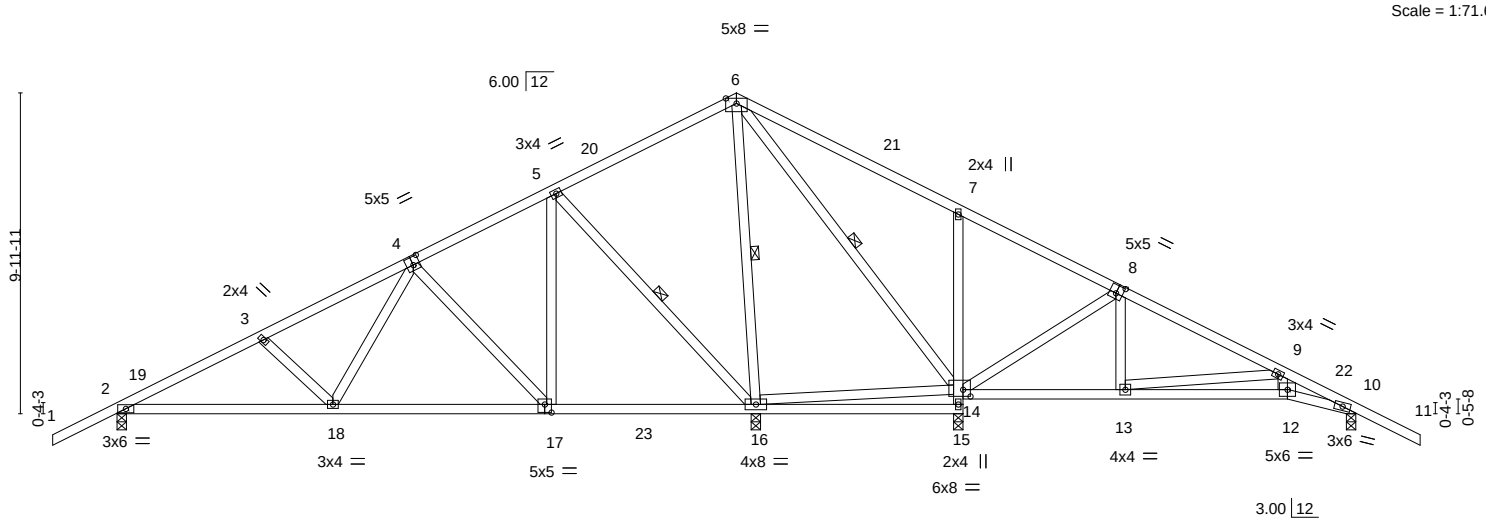


6-8-8	13-6-0	19-10-4	26-3-8	31-2-5	36-4-8	38-6-0
6-8-8	6-9-8	6-4-4	6-5-4	4-10-13	5-2-4	2-1-8

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [8:0-2-8,0-3-0], [14:0-2-12,0-2-8], [17:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	-0.05	2-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.10	2-18	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.36	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.02	17-18	>999	240	Weight: 241 lb	FT = 20%

LUMBER-

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

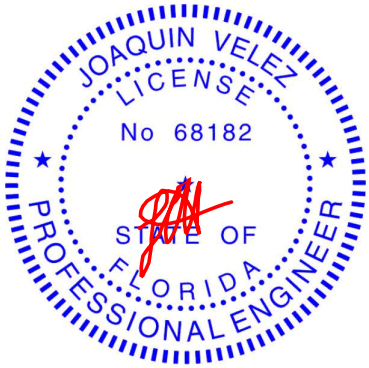
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-11-4 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-16, 6-16, 6-14

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=175(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 15, 10 except 2=-108(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=746(LC 17), 15=958(LC 18), 10=408(LC 24), 16=1691(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-961/118, 3-4=-799/107, 5-6=0/621, 6-7=0/721, 7-8=-9/707, 9-10=-606/0
BOT CHORD 2-18=-31/915, 17-18=0/531, 14-15=-883/153, 7-14=-404/173, 12-13=0/462, 10-12=0/520
WEBS 4-18=0/466, 4-17=-510/68, 5-17=0/629, 5-16=-883/114, 6-16=-768/37, 14-16=-427/104, 8-14=-586/43, 8-13=0/284, 9-13=-537/51

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-3-0, Zone2 19-3-0 to 23-5-15, Zone1 23-5-15 to 40-6-0 zone; cantilever 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, with BCDL = 10.0psf.
6) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15, 10 except (jt=lb) 2=108.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

September 11,2024

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Chesterfield, MO 63017
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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	B01X	GABLE	1	1	T34967849
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:42 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-ava11Tjg2d3zP1zZ?BRC4XaRujPQ6bsWXyEhHJyf0fV

-2-0-0	4-6-9	9-2-8	13-6-0	19-3-0	26-1-4	31-5-4	38-6-0	40-6-0
2-0-0	4-6-9	4-7-14	4-3-8	5-9-0	6-10-4	5-4-0	7-0-12	2-0-0

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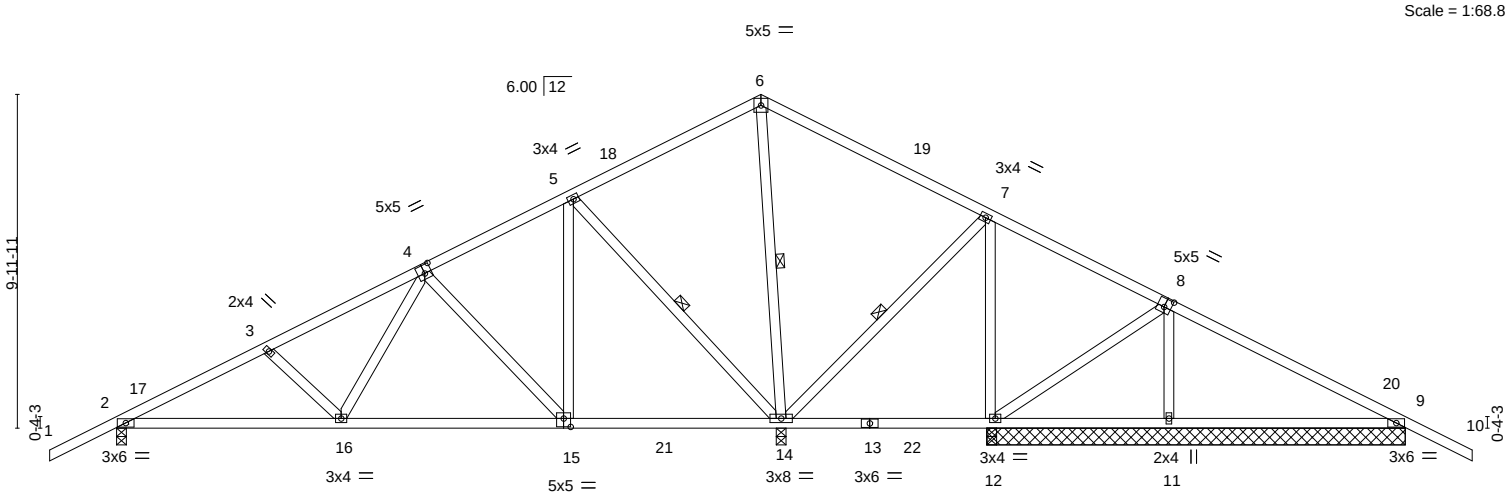


6-8-8	13-6-0	19-10-4	26-0-0	26-1-4	31-5-4	38-6-0
6-8-8	6-9-8	6-4-4	6-1-12	0-1-4	5-4-0	7-0-12

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [8:0-2-8,0-3-0], [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	0.55	Vert(LL)	-0.07	9-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.15	9-11	>567	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.02	14	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.02	15-16	>999	240	Weight: 222 lb	FT = 20%

LUMBER-

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

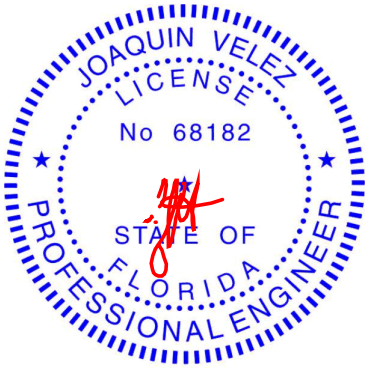
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-11-9 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-14, 6-14, 7-14

REACTIONS. All bearings 12-6-0 except (jt=length) 2=0-3-8, 14=0-3-8.
(lb) - Max Horz 2=175(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 12, 9
Max Grav All reactions 250 lb or less at joint(s) except 2=767(LC 17), 14=1880(LC 17), 12=367(LC 26), 12=263(LC 1), 11=433(LC 26), 9=384(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-988/79, 3-4=-818/68, 5-6=0/575, 6-7=0/622, 7-8=0/341
BOT CHORD 2-16=0/955, 15-16=0/572
WEBS 4-16=0/465, 4-15=-510/69, 5-15=0/629, 5-14=-882/113, 6-14=-772/56, 7-14=-320/94, 8-11=-273/65

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-3-0, Zone2 19-3-0 to 23-5-15, Zone1 23-5-15 to 40-6-0 zone; cantilever 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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 14, 12, 9.



Joaquin Velez PE No.68182
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Date:

September 11,2024

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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	B02	Roof Special	1	1	T34967850
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:43 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-268PFpkIpwBp1BYmZuyRdl7br7ljr23fmc_Eplyf0fU

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2-0-0	4-6-9	4-7-14	4-3-8	5-9-0	7-0-8	3-10-13	4-2-4	4-1-8	2-0-0

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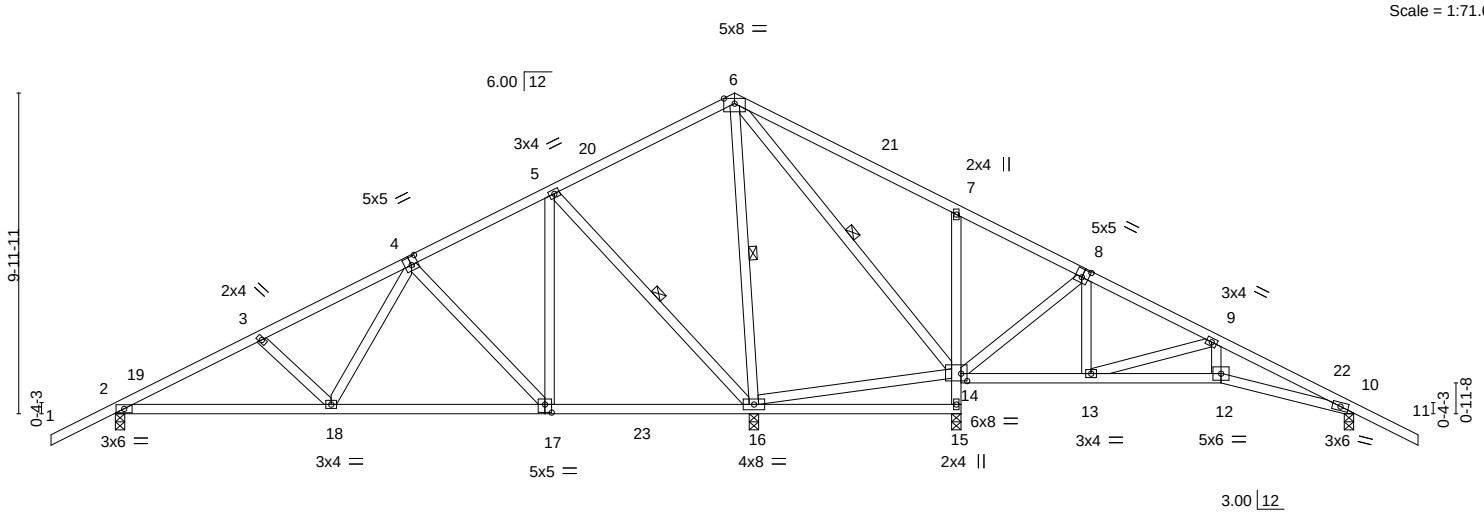


6-8-8	13-6-0	19-10-4	26-3-8	30-2-5	34-4-8	38-6-0
6-8-8	6-9-8	6-4-4	6-5-4	3-10-13	4-2-4	4-1-8

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [8:0-2-8,0-3-0], [14:0-2-4,0-2-12], [17:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	-0.05	2-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.10	2-18	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.35	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.02	17-18	>999	240	Weight: 239 lb	FT = 20%

LUMBER-

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

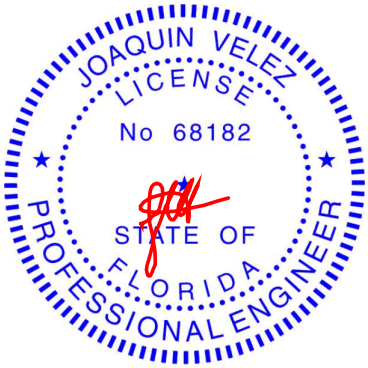
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-11-3 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 5-16, 6-16, 6-14

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=175(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 15, 10, 16 except 2=-109(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=745(LC 17), 15=897(LC 24), 10=419(LC 24), 16=1742(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-961/118, 3-4=-799/107, 5-6=0/624, 6-7=0/720, 7-8=0/708, 8-9=-20/296, 9-10=-506/0
BOT CHORD 2-18=-32/913, 17-18=0/528, 14-15=-842/133, 7-14=-393/171, 12-13=0/371, 10-12=0/416
WEBS 4-18=0/467, 4-17=-510/68, 5-17=0/629, 5-16=-883/114, 6-16=-777/37, 14-16=-504/125, 8-14=-504/26, 8-13=0/323, 9-13=-555/47

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-3-0, Zone2 19-3-0 to 23-5-15, Zone1 23-5-15 to 40-6-0 zone; cantilever 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, with BCDL = 10.0psf.
6) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15, 10, 16 except (jt=lb) 2=109.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

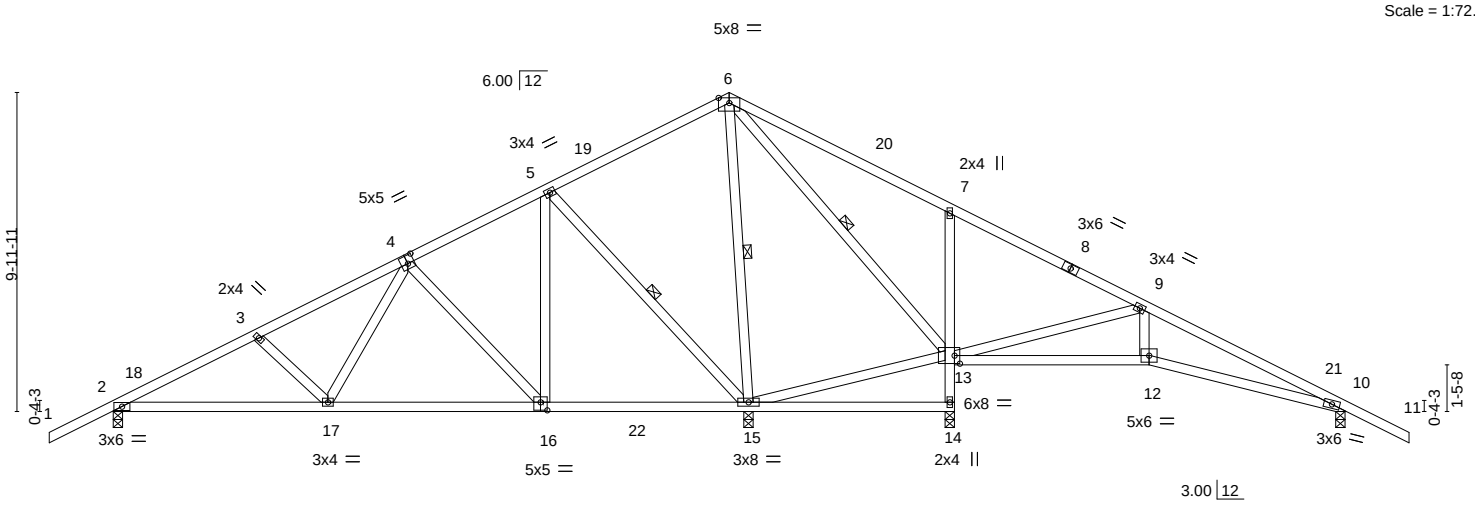
September 11,2024

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	B03	Roof Special	1	1	T34967851
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:43 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-268PFpkIpwBp1BYmZuyRdl7bS7ljr?tfmc_Eplyf0fU

-2-0-0	4-6-9	9-2-8	13-6-0	19-3-0	26-3-8	32-4-8	38-6-0	40-6-0
2-0-0	4-6-9	4-7-14	4-3-8	5-9-0	7-0-8	6-1-0	6-1-8	2-0-0

Scale = 1:72.0



6-8-8	13-6-0	19-10-4	26-1-12	26-3-8	32-4-8	38-6-0
6-8-8	6-9-8	6-4-4	6-3-8	0-1-12	6-1-0	6-1-8

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [13:0-2-0,0-3-0], [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	0.63	Vert(LL)	-0.05	2-17	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.10	2-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.02	16-17	>999	240	Weight: 231 lb	FT = 20%

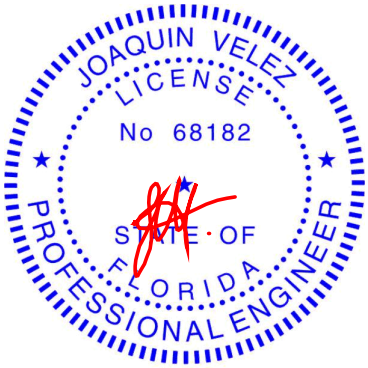
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-11-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 2-17,16-17.
WEBS 1 Row at midpt 5-15, 6-15, 6-13

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=175(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 14, 10, 15 except 2=-108(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=742(LC 17), 14=853(LC 24), 10=432(LC 24), 15=1792(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-958/116, 3-4=-795/105, 5-6=0/629, 6-7=0/714, 7-9=-8/714, 9-10=-383/52
BOT CHORD 2-17=-30/909, 16-17=0/524, 13-14=-799/116, 7-13=-433/183, 12-13=-29/250, 10-12=-33/291
WEBS 4-17=0/467, 4-16=-510/68, 5-16=0/629, 5-15=-883/114, 6-15=-790/35, 13-15=-509/149, 9-13=-816/61, 9-12=0/288

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 19-3-0, Zone2 19-3-0 to 23-5-15, Zone1 23-5-15 to 40-6-0 zone; cantilever 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, with BCDL = 10.0psf.
6) 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.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 10, 15 except (jt=lb) 2=108.

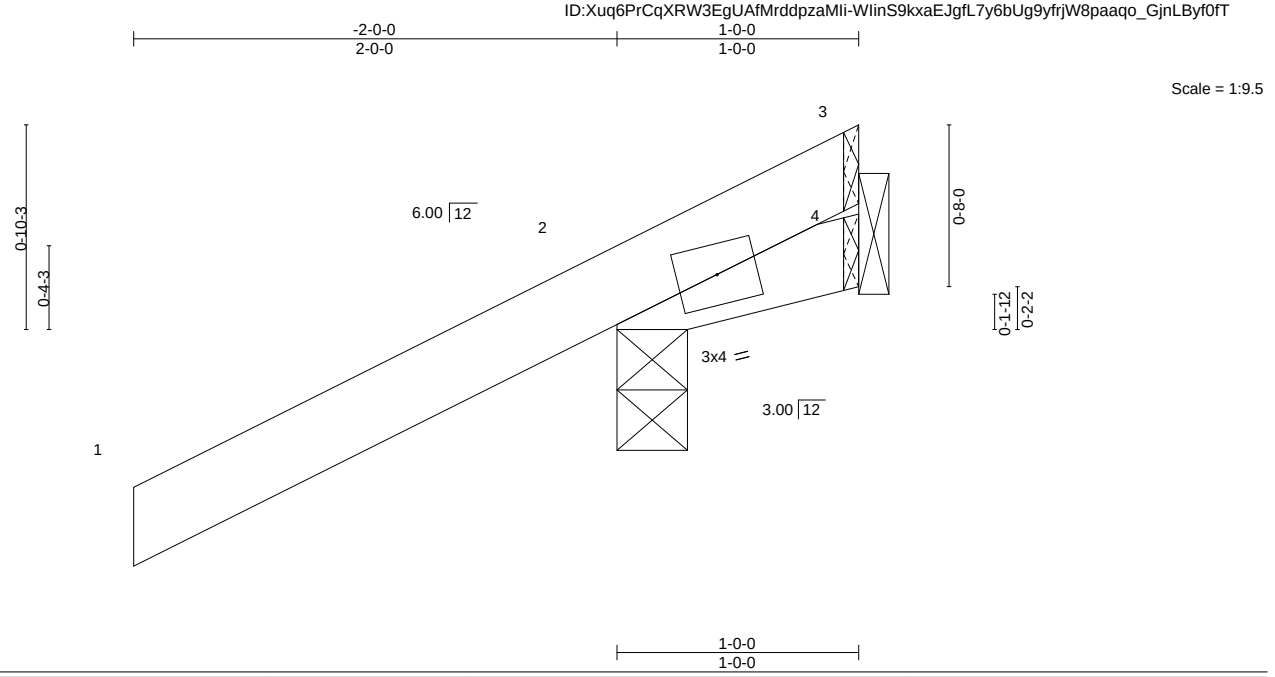


Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

September 11,2024

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	C1	Corner Jack	4	1	T34967852
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:44 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-WIinS9kxaEJgfL7y6bUg9yfrjW8paaqo_GjnLByf0fT



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	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	0.00	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							Weight: 7 lb	FT = 20%

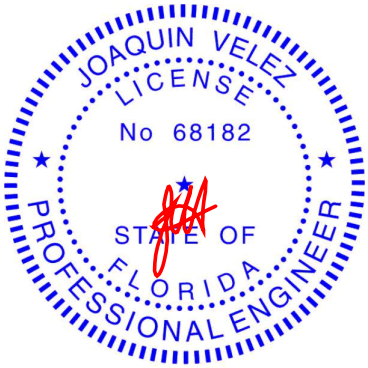
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 4=Mechanical
Max Horz 2=81(LC 12)
Max Uplift 2=-218(LC 12), 4=-90(LC 1)
Max Grav 2=289(LC 1), 4=93(LC 12)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=218.



Joaquin Velez PE No.68182
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Date:

September 11,2024

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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	C1L	Corner Jack	4	1	T34967853
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:44 2024 Page 1
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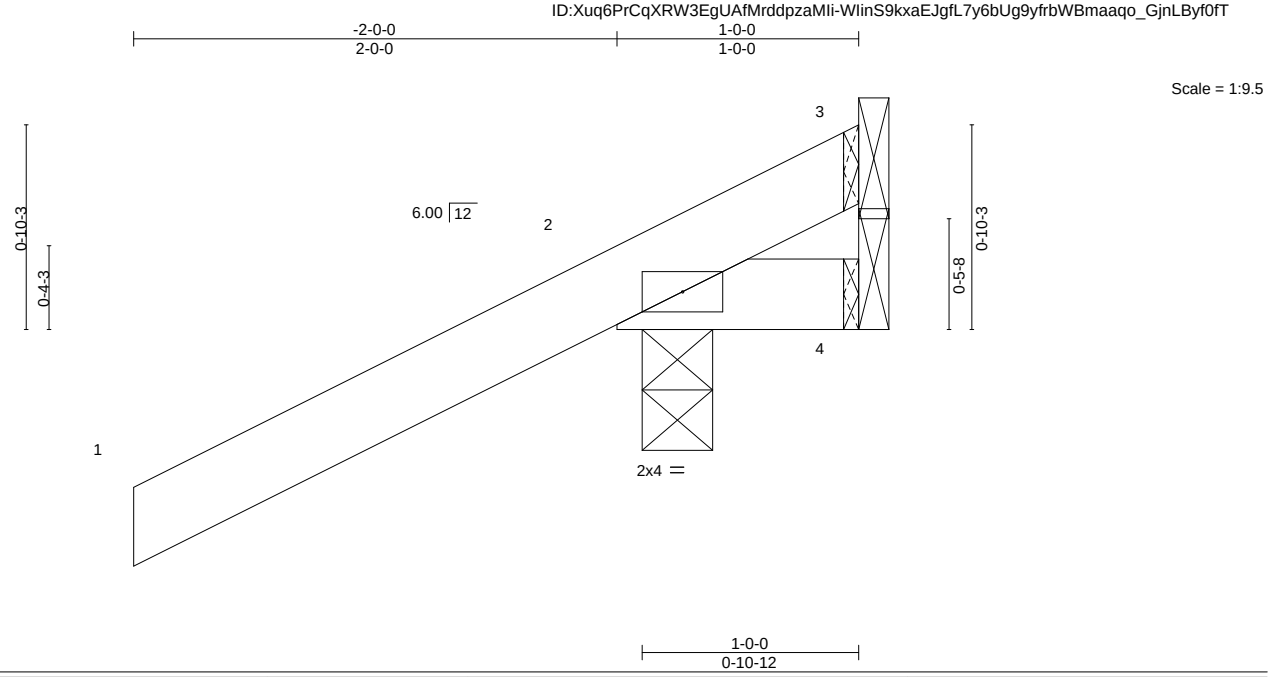


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-P		Wind(LL)	0.00	2	>999	240	Weight: 7 lb	FT = 20%

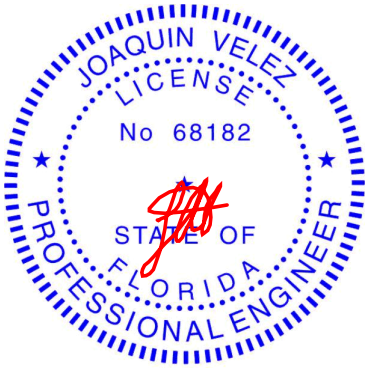
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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, 4=Mechanical, 2=0-3-8
Max Horz 2=48(LC 12)
Max Uplift 3=-100(LC 1), 4=-2(LC 8), 2=-142(LC 12)
Max Grav 3=67(LC 12), 4=19(LC 3), 2=289(LC 1)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever left exposed ; porch left 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) 3=100, 2=142.



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Date:

September 11,2024

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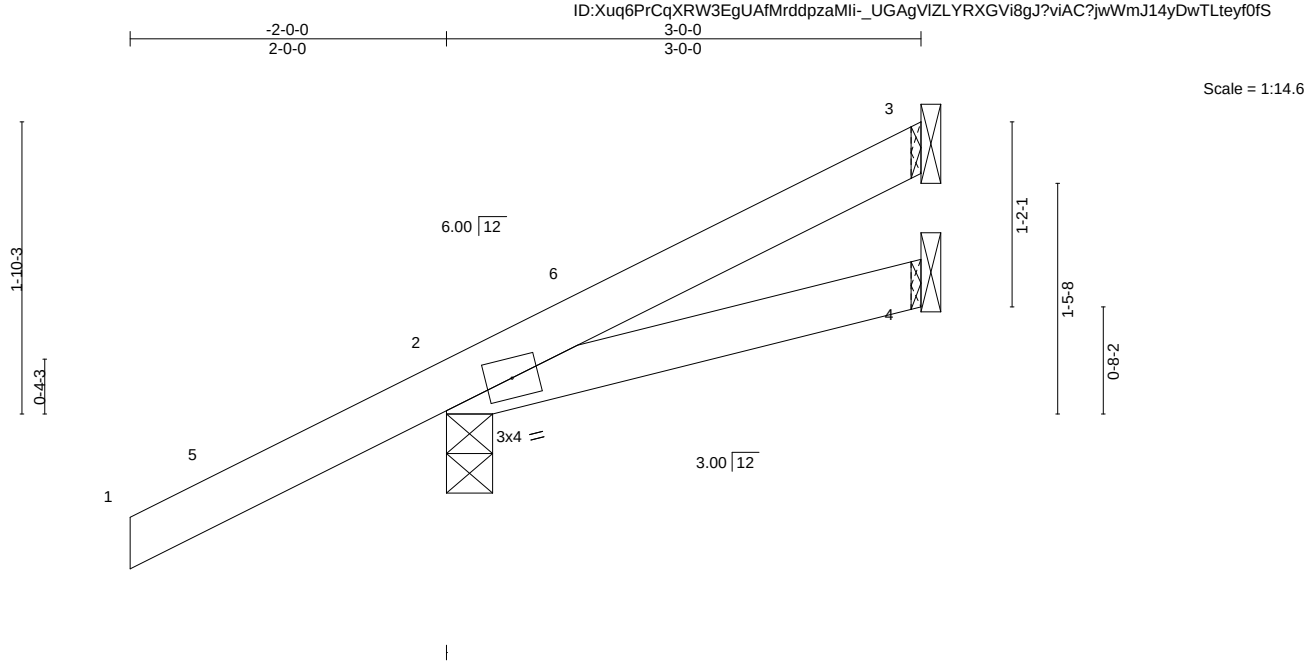
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	C3	Corner Jack	4	1	T34967854
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:45 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-_UGAgVlZLYRXGVi8gJ?viAC?jwWmJ14yDwTLteyf0fS



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)	-0.00	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 13 lb	FT = 20%

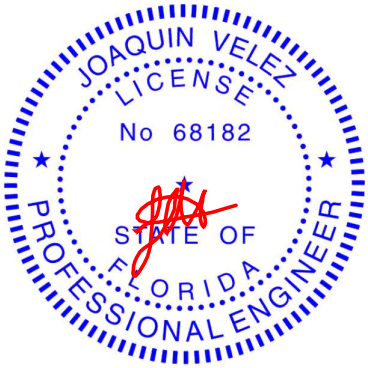
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-3-8, 4=Mechanical
Max Horz 2=71(LC 12)
Max Uplift 3=-14(LC 9), 2=-84(LC 12)
Max Grav 3=37(LC 17), 2=290(LC 1), 4=56(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 2-11-4 zone; cantilever 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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September 11,2024

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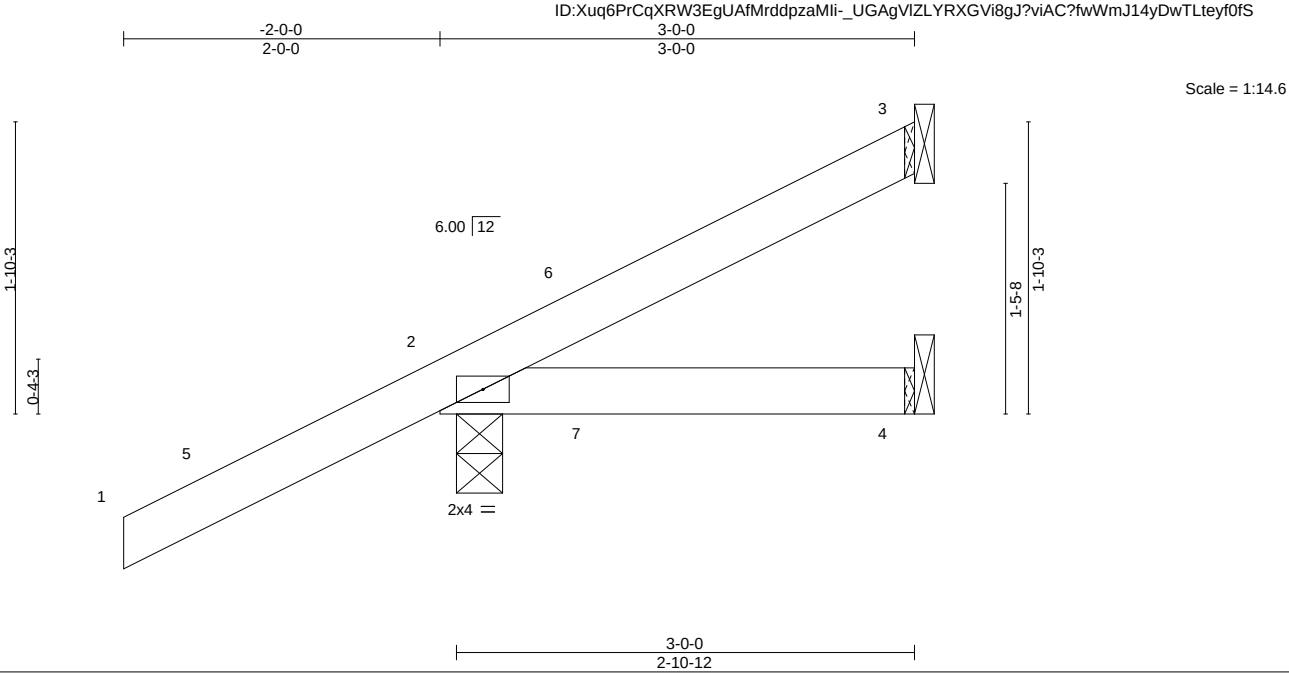
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	C3L	Corner Jack	4	1	T34967855

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:45 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-_UGAgVlZLYRXGVi8gJ?viAC?fwWmJ14yDwTLteyf0fS



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)	-0.00	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2-4	>999	240	Weight: 13 lb	FT = 20%

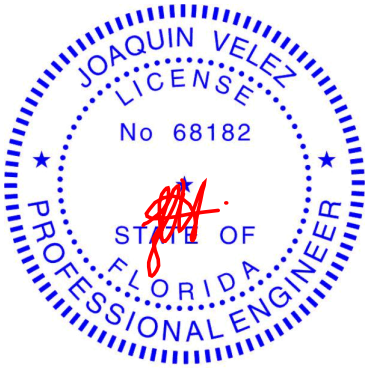
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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, 4=Mechanical, 2=0-3-8
Max Horz 2=71(LC 12)
Max Uplift 3=-14(LC 9), 4=-7(LC 8), 2=-109(LC 12)
Max Grav 3=37(LC 17), 4=56(LC 3), 2=290(LC 1)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 2-11-4 zone; cantilever left exposed ; porch left 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 except (jt=lb) 2=109.



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Date:

September 11,2024

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	C5	Corner Jack	3	1	T34967856

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:45 2024 Page 1
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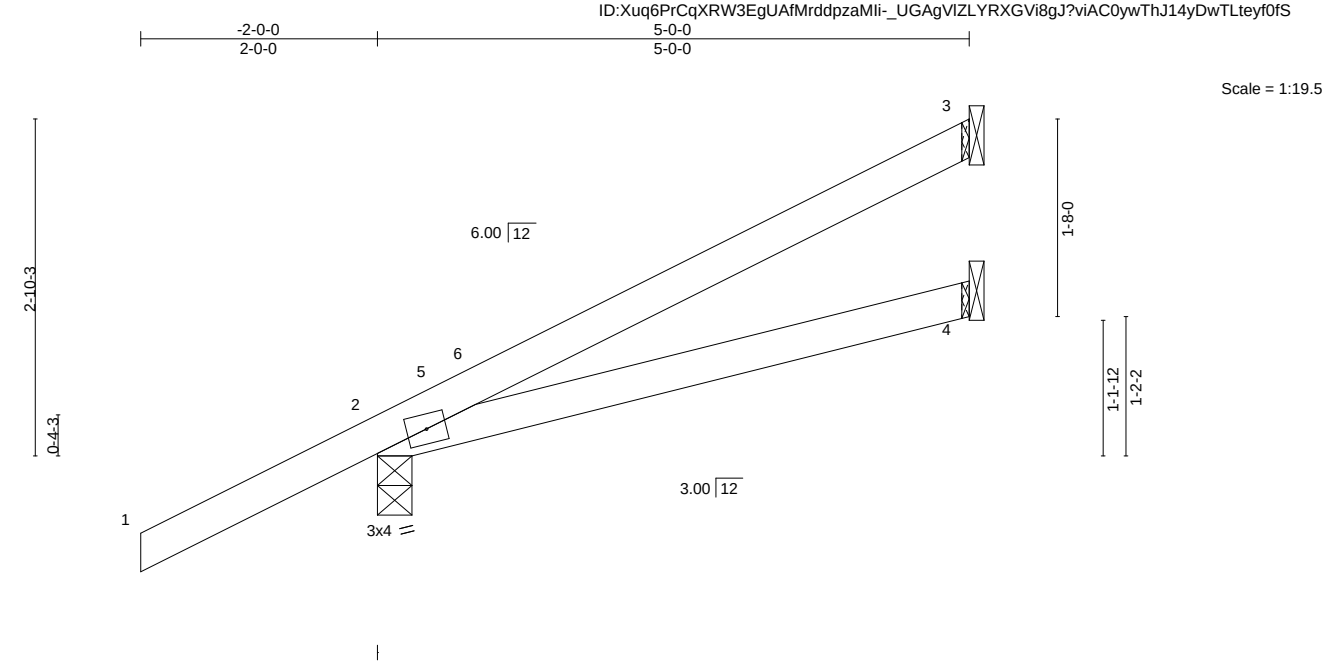


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.07	2-4	>882	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 20 lb	FT = 20%

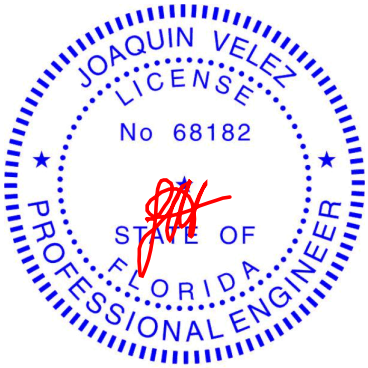
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-3-8, 4=Mechanical
Max Horz 2=95(LC 12)
Max Uplift 3=-36(LC 12), 2=-69(LC 12)
Max Grav 3=115(LC 1), 2=349(LC 1), 4=96(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 4-11-4 zone; cantilever 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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September 11,2024

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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	C5X	CORNER JACK	1	1	T34967857

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:46 2024 Page 1

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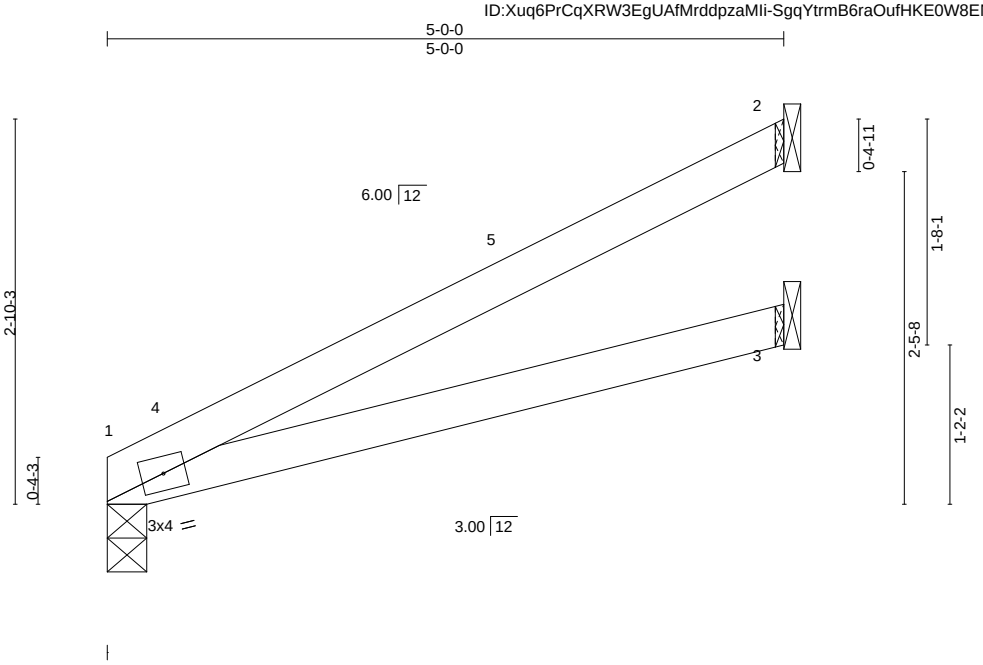


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	-0.03	1-3	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.07	1-3	>882	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	1	****	240	Weight: 16 lb	FT = 20%

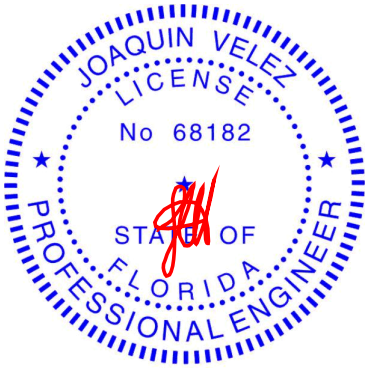
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 1=0-3-8, 2=Mechanical, 3=Mechanical
Max Horz 1=61(LC 12)
Max Uplift 2=-53(LC 12)
Max Grav 1=192(LC 1), 2=144(LC 1), 3=96(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-1-12 to 3-1-12, Zone1 3-1-12 to 4-11-4 zone; cantilever 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.



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September 11,2024

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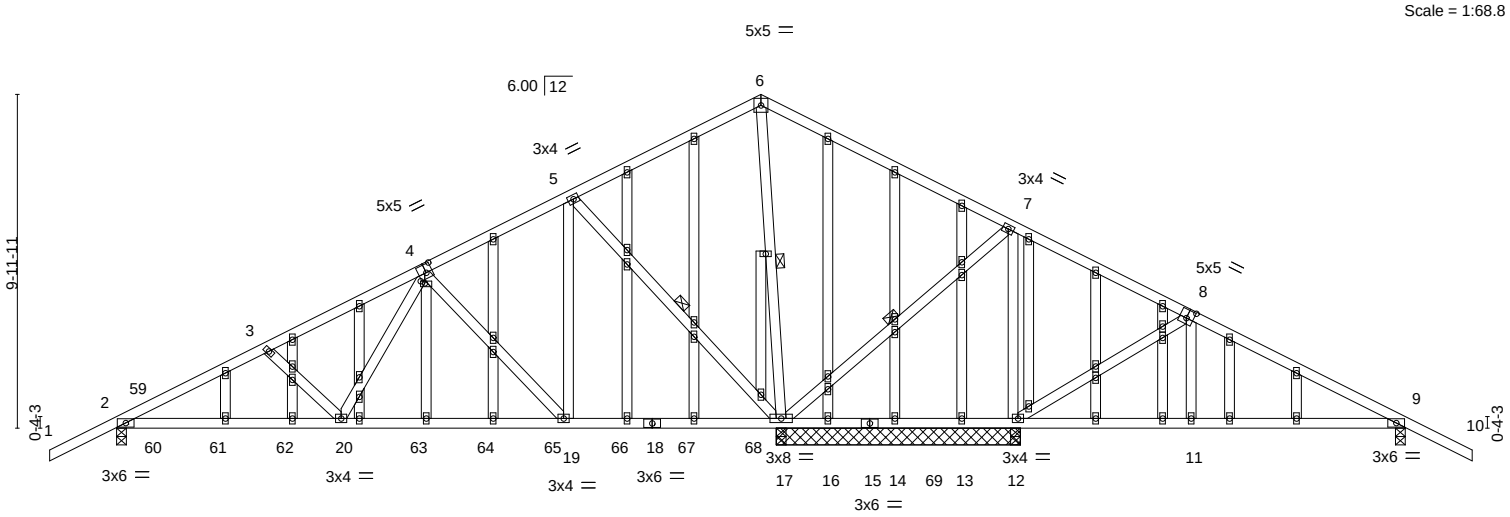
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	D01X	GABLE	1	1	T34967858
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:47 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-xtNw5Anpt9iFWosXok1NnbHFik5mnr8FhDySyWyf0fQ

-2-0-0	4-6-9	9-2-8	13-6-0	19-3-0	26-9-6	32-1-4	38-6-0	40-6-0
2-0-0	4-6-9	4-7-14	4-3-8	5-9-0	7-6-6	5-3-14	6-4-12	2-0-0

Scale = 1:68.8



6-8-8	13-6-0	19-8-8	19-10-4	23-4-4	26-9-6	27-0-0	32-1-4	38-6-0
6-8-8	6-9-8	6-2-8	0-1-12	3-6-0	3-5-2	0-2-10	5-1-4	6-4-12

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.74	Vert(LL)	0.11	2-20	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	0.12	2-20	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.41	Horz(CT)	0.02	17	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	-0.13	2-20	>999	240	Weight: 332 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 5-5-1 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 11-12,9-11.
WEBS	1 Row at midpt 5-17, 6-17, 7-17

REACTIONS. All bearings 7-3-8 except (jt=length) 2=0-3-8, 9=0-3-8.
(lb) - Max Horz 2=-175(LC 32)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-291(LC 27), 17=-492(LC 8), 12=-155(LC 34), 16=-117(LC 38), 9=-130(LC 34)
Max Grav All reactions 250 lb or less at joint(s) 16, 14, 13 except 2=912(LC 38), 17=2206(LC 38), 17=1140(LC 1), 12=921(LC 27), 12=621(LC 1), 9=554(LC 27)

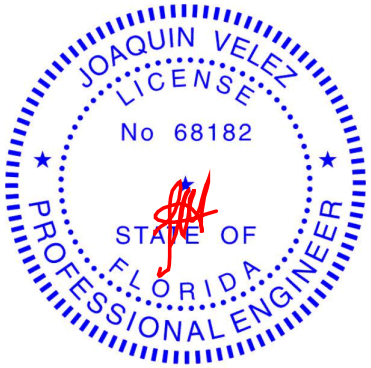
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	2-3=-1160/335, 3-4=-972/335, 5-6=-114/705, 6-7=-192/764, 7-8=-9/479, 8-9=-494/116
BOT CHORD	2-20=-256/1102, 19-20=-127/630, 16-17=-368/131, 14-16=-368/131, 13-14=-368/131, 12-13=-368/131, 11-12=-47/357, 9-11=-46/361
WEBS	4-20=-314/625, 4-19=-598/169, 5-19=-320/818, 5-17=-1054/273, 6-17=-905/130, 7-17=-290/174, 7-12=-588/195, 8-12=-578/32, 8-11=0/265

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever 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) All plates are 2x4 MT20 unless otherwise indicated.
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, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 291 lb uplift at joint 2, 492 lb uplift at joint 17, 155 lb uplift at joint 12, 117 lb uplift at joint 16 and 130 lb uplift at joint 9.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 113 lb down and 235 lb up at 1-0-0 on top chord, and 66 lb down and 118 lb up at 1-0-0, 65 lb down and 119 lb up at 2-11-4, 65 lb down and 119 lb up at 4-11-4, 65 lb down and 119 lb up at 6-11-4, 65 lb down and 119 lb up at 8-11-4, 65 lb down and 119 lb up at 10-11-4, 65 lb down and 119 lb up at 12-11-4, 65 lb down and 119 lb up at 14-11-4, and 65 lb down and 119 lb up at 16-11-4, and 65 lb down and 119 lb up at 18-11-4 on bottom 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).

Continued on page 2



Joaquin Velez PE No.68182
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Date: September 11,2024

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: 1-6=-60, 6-10=-60, 2-9=-20
   Concentrated Loads (lb)
      Vert: 20=44(F) 59=78(F) 60=43(F) 61=44(F) 62=44(F) 63=44(F) 64=44(F) 65=44(F) 66=44(F) 67=44(F) 68=44(F)

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	E1	Jack-Closed	20	1	T34967859
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:48 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-P3xIIWnReTq67yQjLRYcKoqXa8YnWOpOvth?Uyyf0fP

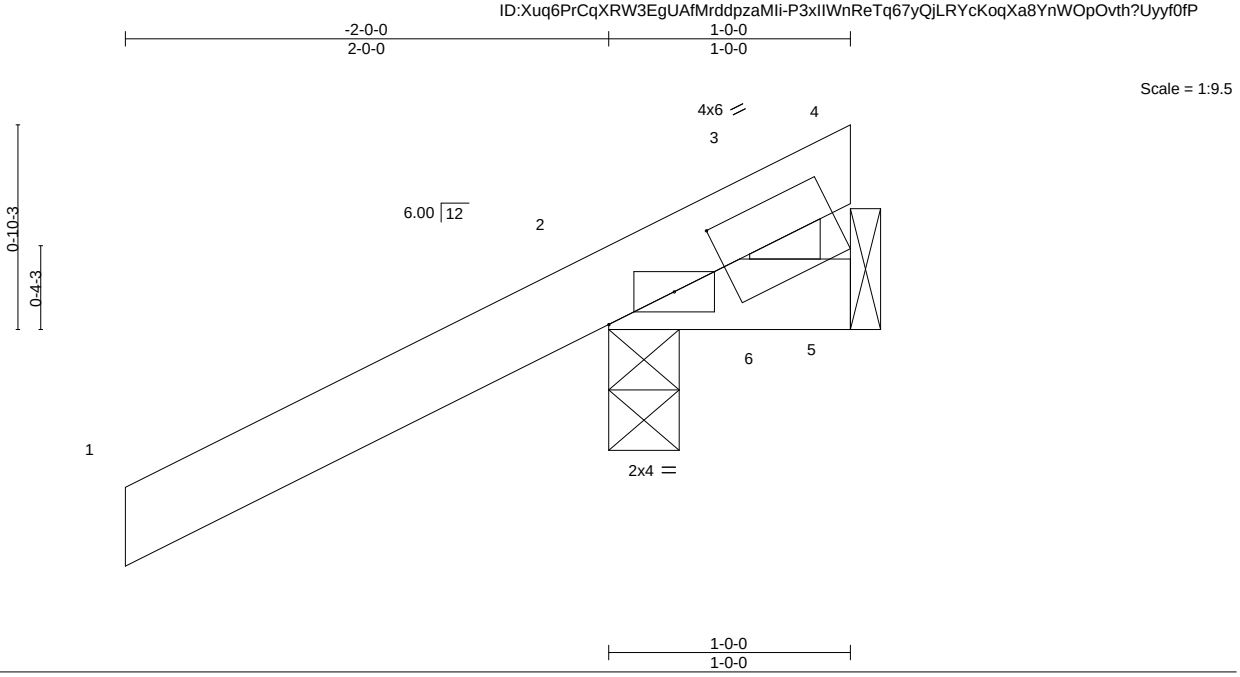


Plate Offsets (X,Y)-- [3:0-6-7,0-2-0]

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	0.28	Vert(LL)	0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	-0.00	2	>999	240	Weight: 7 lb	FT = 20%

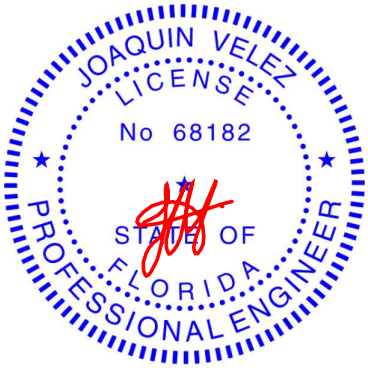
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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) 2=0-3-8, 5=Mechanical
Max Horz 2=47(LC 12)
Max Uplift 2=-133(LC 12), 5=-99(LC 1)
Max Grav 2=288(LC 1), 5=74(LC 12)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever 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 133 lb uplift at joint 2 and 99 lb uplift at joint 5.



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Date:

September 11,2024

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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	E5L	Jack-Open	3	1	T34967860

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:49 2024 Page 1

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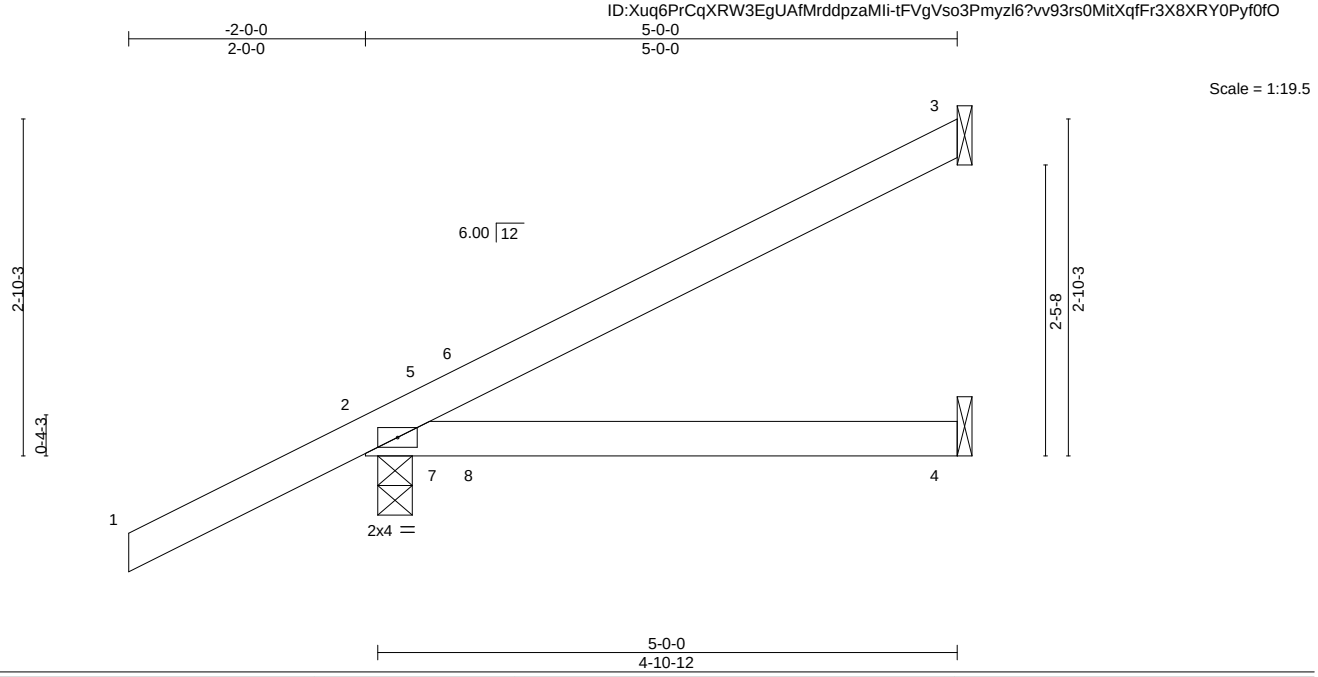


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.06	2-4	>909	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.03	2-4	>999	240	Weight: 19 lb	FT = 20%

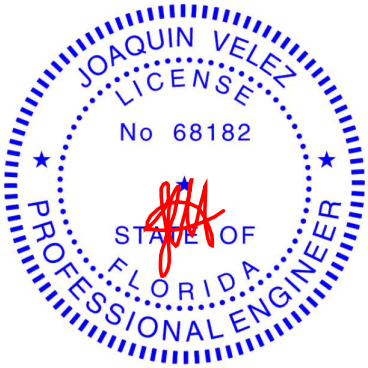
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 4=Mechanical, 2=0-3-8
Max Horz 2=95(LC 12)
Max Uplift 3=-36(LC 12), 4=-12(LC 8), 2=-111(LC 12)
Max Grav 3=115(LC 1), 4=96(LC 3), 2=349(LC 1)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 4-11-4 zone; cantilever left exposed ; porch left 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 36 lb uplift at joint 3, 12 lb uplift at joint 4 and 111 lb uplift at joint 2.



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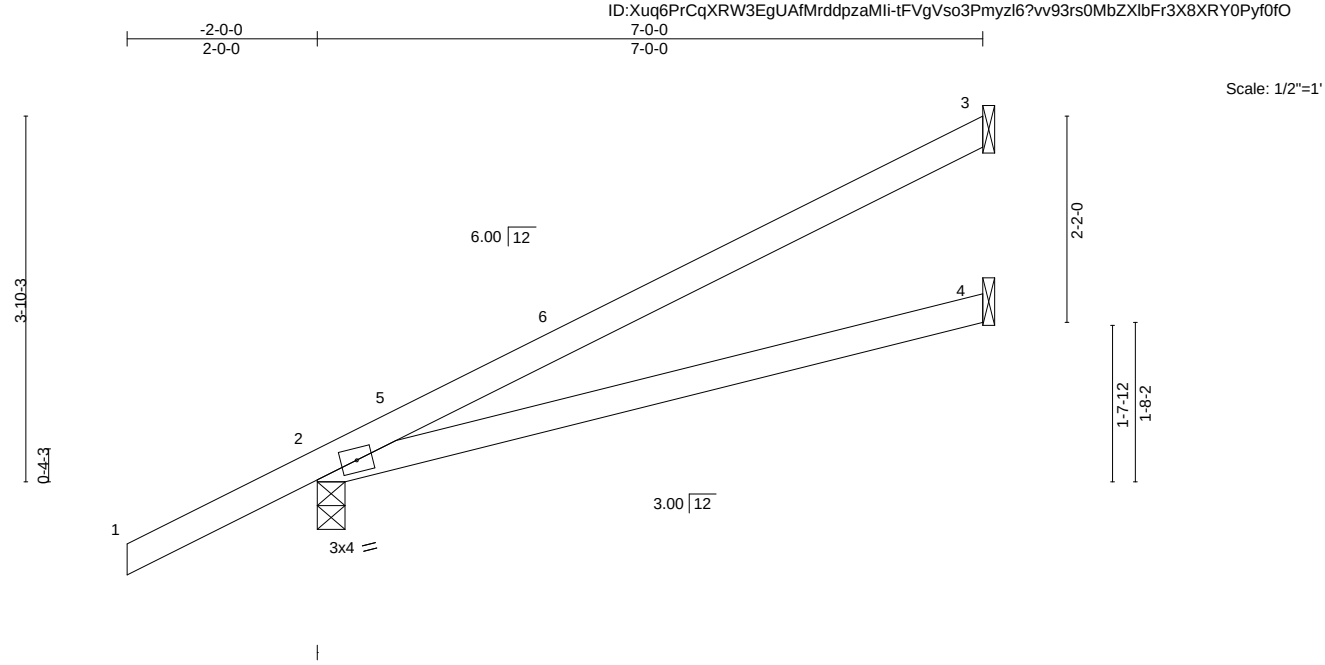
September 11,2024

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	E7	Jack-Open	8	1	T34967861

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:49 2024 Page 1

ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-tFVgVso3Pmyzl6?vv93rs0MbZXlbFr3X8XRY0Pyf0fO



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.13	2-4	>620	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.26	2-4	>310	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 26 lb	FT = 20%

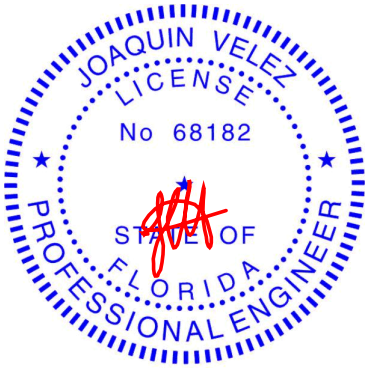
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-3-8, 4=Mechanical
Max Horz 2=119(LC 12)
Max Uplift 3=-63(LC 12), 2=-62(LC 12)
Max Grav 3=183(LC 1), 2=421(LC 1), 4=136(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 6-11-4 zone; cantilever 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 3 and 62 lb uplift at joint 2.



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Date:

September 11,2024

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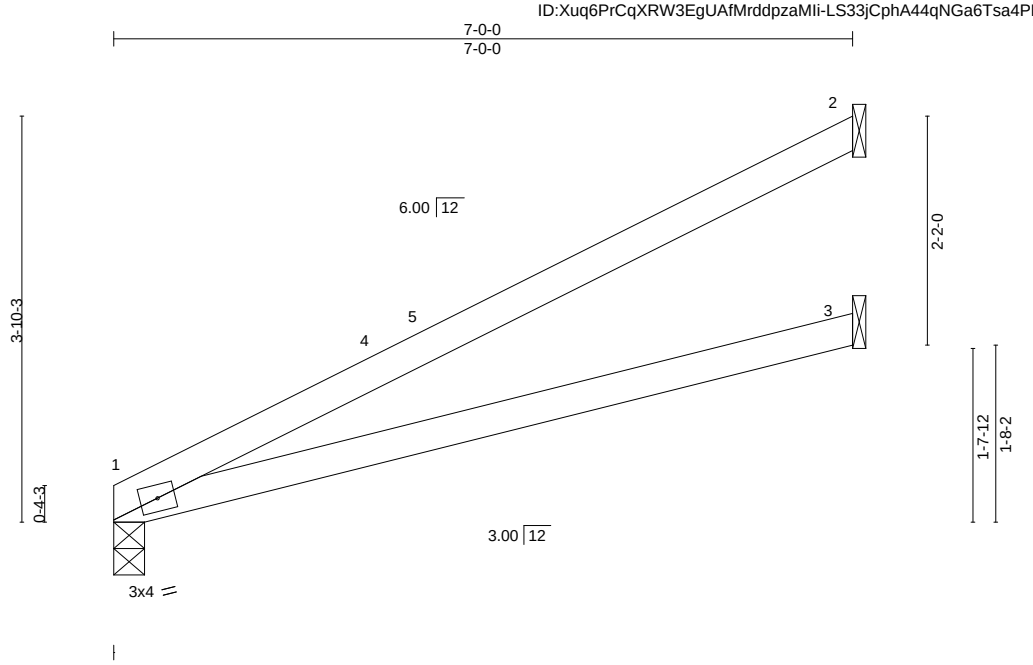
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	E7X	JACK-OPEN	6	1	T34967862

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:50 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-LS33jCphA44qNGa6Tsa4PDvjix5q_IJhNBA6Zryf0fN



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	0.88	Vert(LL)	-0.13	1-3	>620	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.26	1-3	>310	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	1	****	240	Weight: 23 lb	FT = 20%

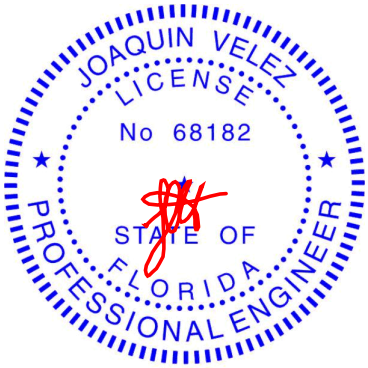
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 1=0-3-8, 2=Mechanical, 3=Mechanical
Max Horz 1=85(LC 12)
Max Uplift 2=-75(LC 12)
Max Grav 1=272(LC 1), 2=204(LC 1), 3=136(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-1-12 to 3-1-12, Zone1 3-1-12 to 6-11-4 zone; cantilever 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) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 75 lb uplift at joint 2.



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September 11,2024

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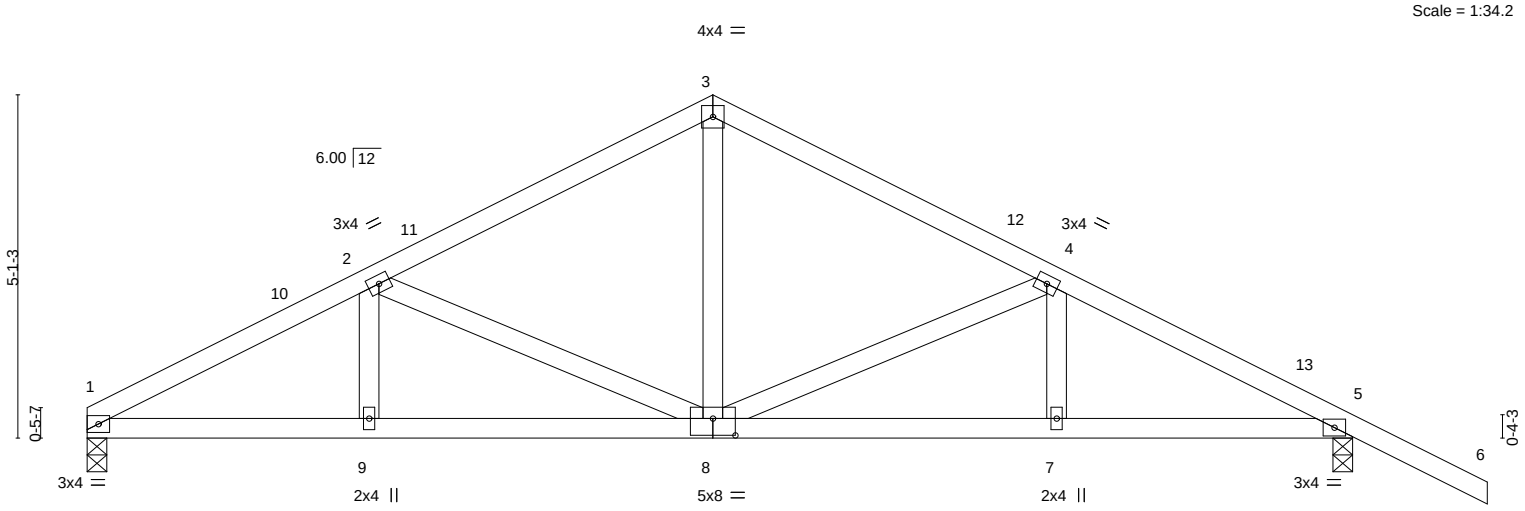
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	F01	Common	1	1	T34967863
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:51 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-pedRwYqKxOCh_Q9I1a6JxRS1ZLVuji2qbrwf5Hyf0fM

4-2-4	9-3-8	14-4-12	18-9-8	20-9-8
4-2-4	5-1-4	5-1-4	4-4-12	2-0-0

Scale = 1:34.2



4-2-4	9-3-8	14-4-12	18-9-8
4-2-4	5-1-4	5-1-4	4-4-12

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.04	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	-0.08	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.23	Horz(CT)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.02	7-8	>999	240	Weight: 91 lb	FT = 20%

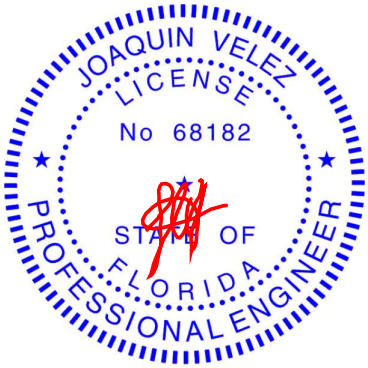
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-3-8, 5=0-3-8
Max Horz 1=-91(LC 10)
Max Uplift 1=-28(LC 12), 5=-97(LC 12)
Max Grav 1=733(LC 1), 5=876(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1286/182, 2-3=-886/159, 3-4=-885/149, 4-5=-1290/163
BOT CHORD 1-9=-96/1096, 8-9=-96/1096, 7-8=-85/1089, 5-7=-85/1089
WEBS 3-8=-22/457, 4-8=-411/97, 2-8=-424/109

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-1-12 to 3-1-12, Zone1 3-1-12 to 9-3-8, Zone2 9-3-8 to 13-6-7, Zone1 13-6-7 to 20-9-8 zone; cantilever 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 28 lb uplift at joint 1 and 97 lb uplift at joint 5.



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September 11,2024

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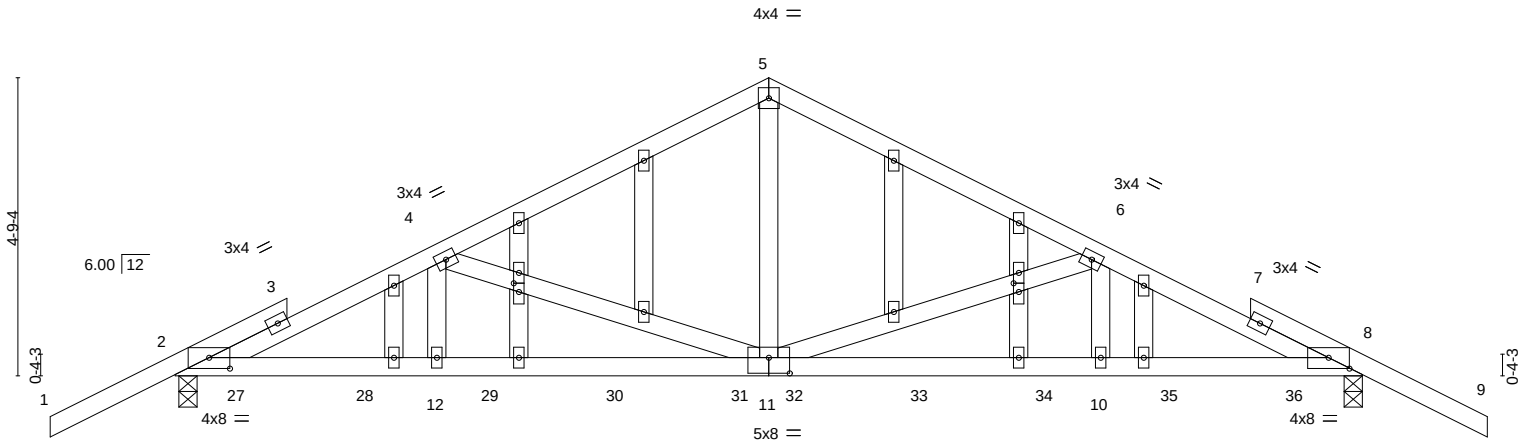
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	F01X	GABLE	1	1	T34967864
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:51 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-pedRwYqKxOCh_Q9I1a6JxRS?YLTIjghqbrwf5Hyf0fM

-2-0-0	1-9-7	1-11-1	4-2-4	9-6-0	14-9-12	17-1-0	17-2-9	19-0-0	21-0-0
2-0-0	1-9-7	0-1-9	2-3-3	5-3-12	5-3-12	2-3-4	0-1-9	1-9-7	2-0-0

Scale = 1:36.9



0-0-11	1-9-7	1-11-1	4-2-4	9-6-0	14-9-12	17-1-0	17-2-9	19-0-0
0-0-11	1-8-12	0-1-9	2-3-3	5-3-12	5-3-12	2-3-4	0-1-9	1-9-7

Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [4:0-0-0,0-0-0], [8:0-4-0,0-2-1], [11:0-4-0,0-3-0], [15:0-1-11,0-1-0], [20:0-0-0,0-0-0], [24:0-0-0,0-0-0], [24:0-1-11,0-1-0]

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	0.43	Vert(LL)	-0.09	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.13	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.38	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 115 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

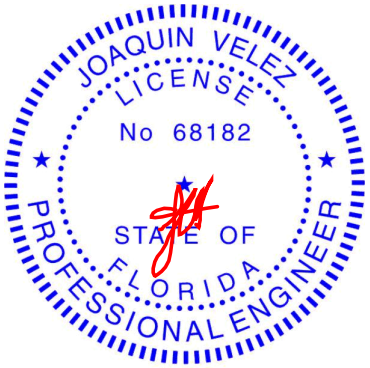
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 8=0-3-8, 2=0-3-8
Max Horz 2=-89(LC 6)
Max Uplift 8=-348(LC 8), 2=-348(LC 8)
Max Grav 8=1019(LC 39), 2=1020(LC 38)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1728/483, 4-5=-1085/332, 5-6=-1086/332, 6-8=-1731/485
BOT CHORD 2-12=-378/1609, 11-12=-378/1609, 10-11=-381/1545, 8-10=-381/1545
WEBS 5-11=-338/665, 6-11=-706/243, 6-10=-245/253, 4-11=-703/235, 4-12=-240/252

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; 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 ; 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 2x4 MT20 unless otherwise indicated.
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 348 lb uplift at joint 8 and 348 lb uplift at joint 2.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 153 lb down and 293 lb up at 1-0-0, 65 lb down and 119 lb up at 3-0-12, 65 lb down and 119 lb up at 5-0-12, 65 lb down and 119 lb up at 7-0-12, 65 lb down and 119 lb up at 9-0-12, 65 lb down and 119 lb up at 9-11-4, 65 lb down and 119 lb up at 11-11-4, 65 lb down and 119 lb up at 13-11-4, and 65 lb down and 119 lb up at 15-11-4, and 153 lb down and 293 lb up at 17-11-4 on bottom 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



Joaquin Velez PE No.68182
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Date: September 11,2024

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: 1-5=-60, 5-9=-60, 2-8=-20
   Concentrated Loads (lb)
   Vert: 27=104(F) 28=44(F) 29=44(F) 30=44(F) 31=44(F) 32=44(F) 33=44(F) 34=44(F) 35=44(F) 36=104(F)

Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	H5L	Diagonal Hip Girder	2	1	T34967865

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:52 2024 Page 1

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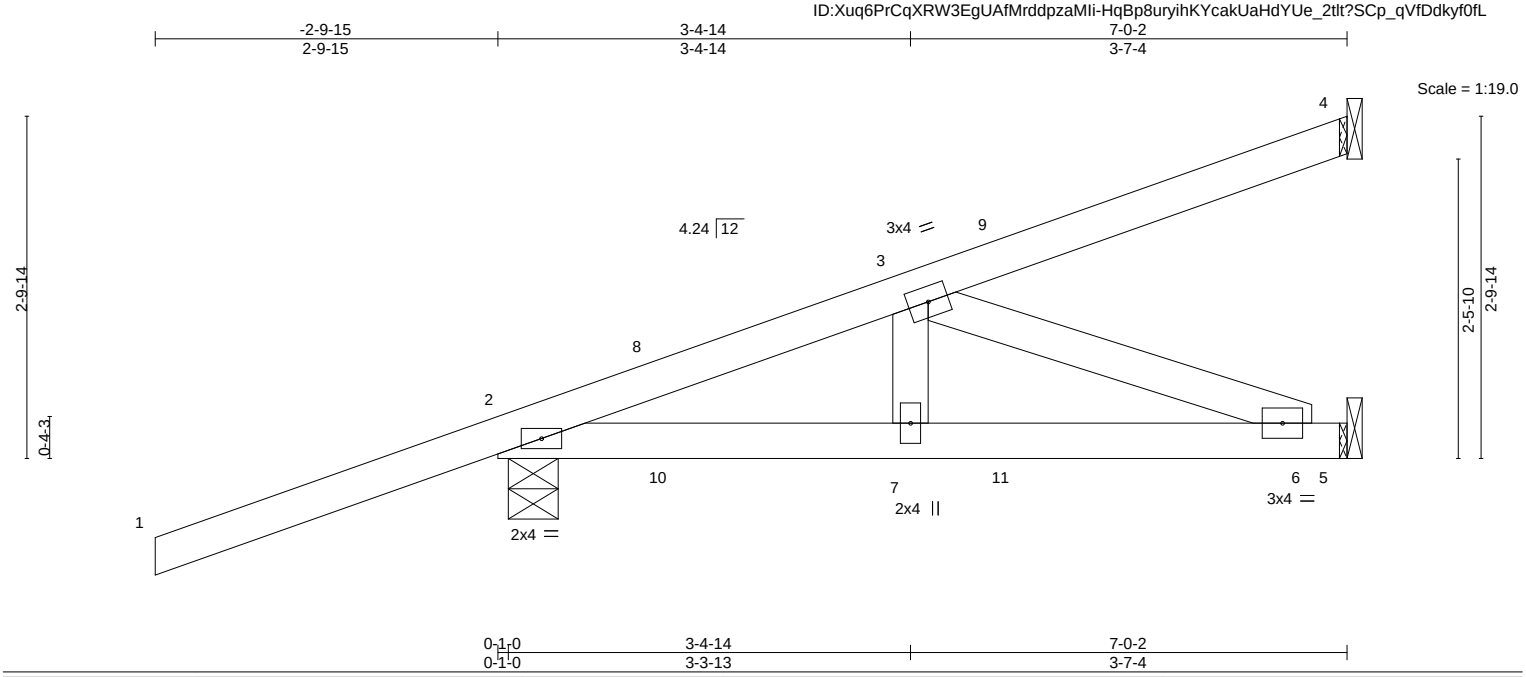


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.90	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.02	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.06	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.01	6-7	>999	240	Weight: 33 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.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 5=Mechanical, 2=0-4-15
Max Horz 2=95(LC 27)
Max Uplift 4=-31(LC 8), 5=-54(LC 5), 2=-228(LC 8)
Max Grav 4=127(LC 19), 5=122(LC 3), 2=416(LC 31)

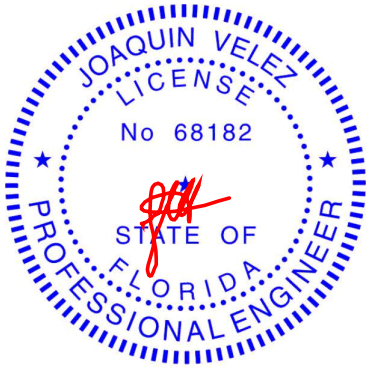
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-349/121
BOT CHORD 2-7=-130/260, 6-7=-130/260
WEBS 3-6=-278/139

NOTES-

1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left exposed ; porch left 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 31 lb uplift at joint 4, 54 lb uplift at joint 5 and 228 lb uplift at joint 2.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 87 lb down and 185 lb up at 1-4-15, 87 lb down and 185 lb up at 1-4-15, and 54 lb down and 23 lb up at 4-2-15, and 54 lb down and 23 lb up at 4-2-15 on top chord, and 8 lb up at 1-4-15, 8 lb up at 1-4-15, and 11 lb down and 24 lb up at 4-2-15, and 11 lb down and 24 lb up at 4-2-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
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: 1-4=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 8=123(F=62, B=62)



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Date:

September 11,2024

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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	H7	Diagonal Hip Girder	2	1	T34967866
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:53 2024 Page 1
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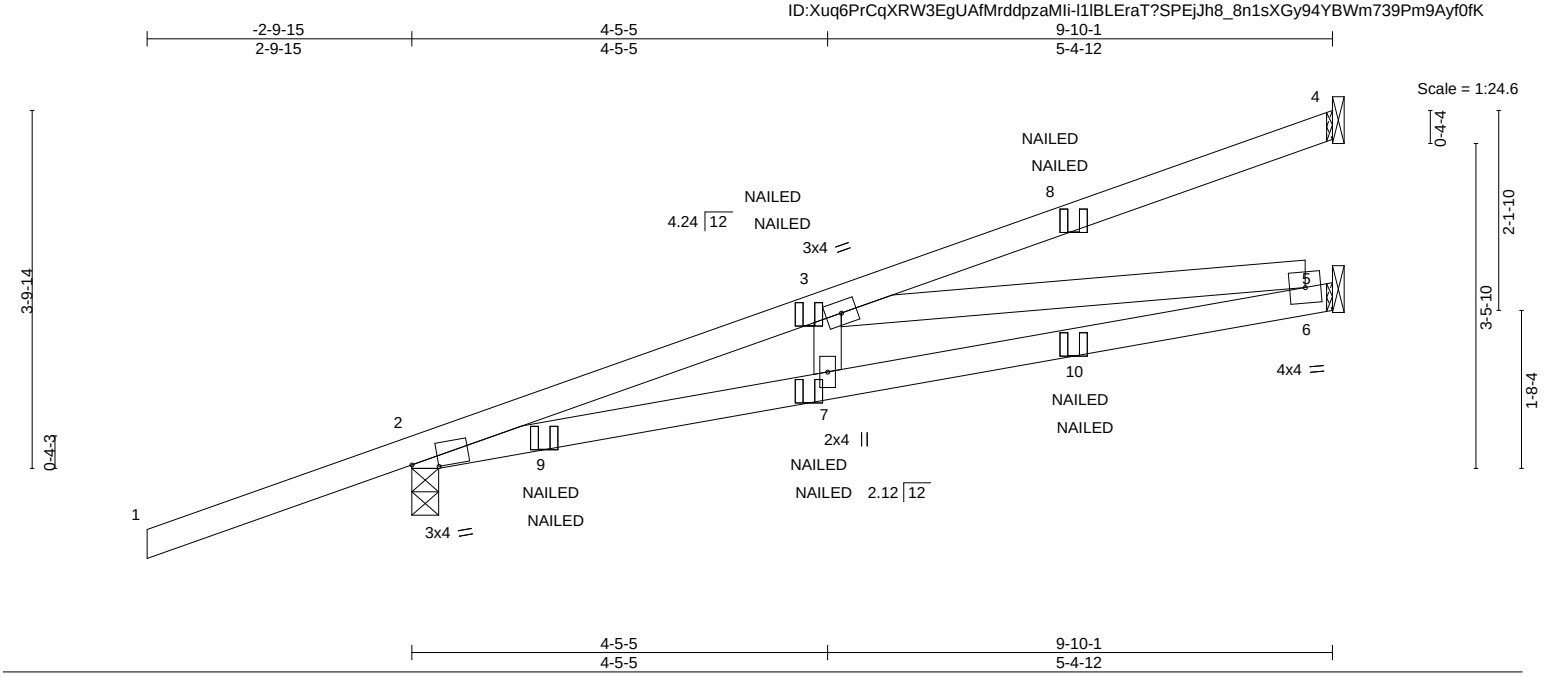


Plate Offsets (X,Y)-- [2:0-3-6,0-0-13]

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	0.76	Vert(LL)	-0.07	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.17	6-7	>661	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.59	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	-0.07	2-7	>999	240	Weight: 43 lb	FT = 20%

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

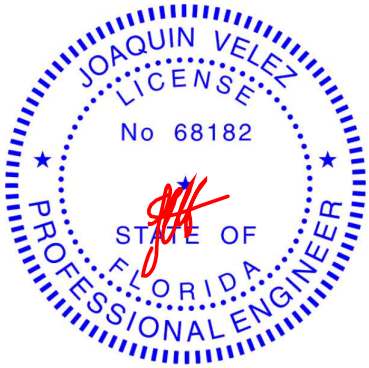
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-7, 5=Mechanical
Max Horz 2=118(LC 27)
Max Uplift 4=-60(LC 8), 2=-188(LC 8)
Max Grav 4=180(LC 1), 2=630(LC 31), 5=279(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1378/110
BOT CHORD 2-7=-155/1274, 6-7=-160/1273
WEBS 3-6=-1245/149

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; 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 ; 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) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 60 lb uplift at joint 4 and 188 lb uplift at joint 2.
8) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
9) 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, 2-5=-20
Concentrated Loads (lb)
Vert: 8=-89(F=-59, B=-30) 9=101(F=50, B=50) 10=-39(F=-20, B=-20)



Joaquin Velez PE No.68182
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Date:

September 11,2024

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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	J1	Jack-Closed	2	1	T34967867

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:53 2024 Page 1
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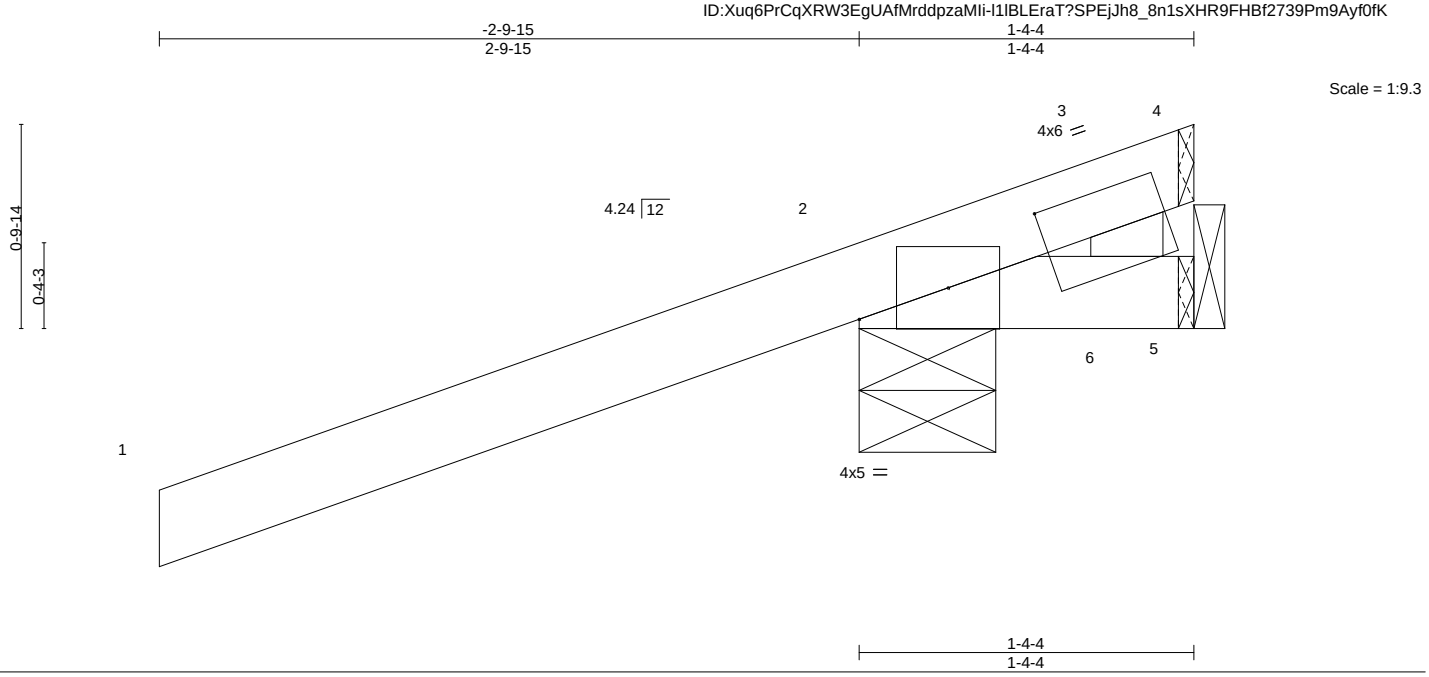


Plate Offsets (X,Y)-- [3:0-9-11,0-2-0]

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	0.66	Vert(LL)	0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	0.00	6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	-0.00	6	>999	240	Weight: 9 lb	FT = 20%

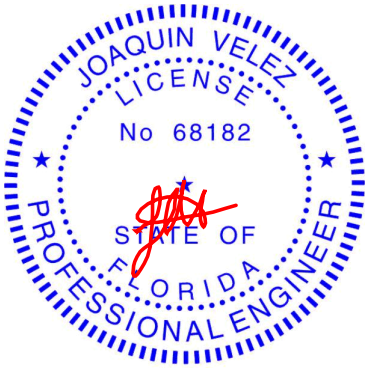
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 2=0-6-10, 5=Mechanical
Max Horz 2=47(LC 12)
Max Uplift 2=-185(LC 12), 5=-152(LC 1)
Max Grav 2=417(LC 1), 5=100(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-6=-339/206

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever 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 185 lb uplift at joint 2 and 152 lb uplift at joint 5.



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Date:

September 11,2024

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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	J2	Jack-Partial	1	1	T34967868
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:54 2024 Page 1
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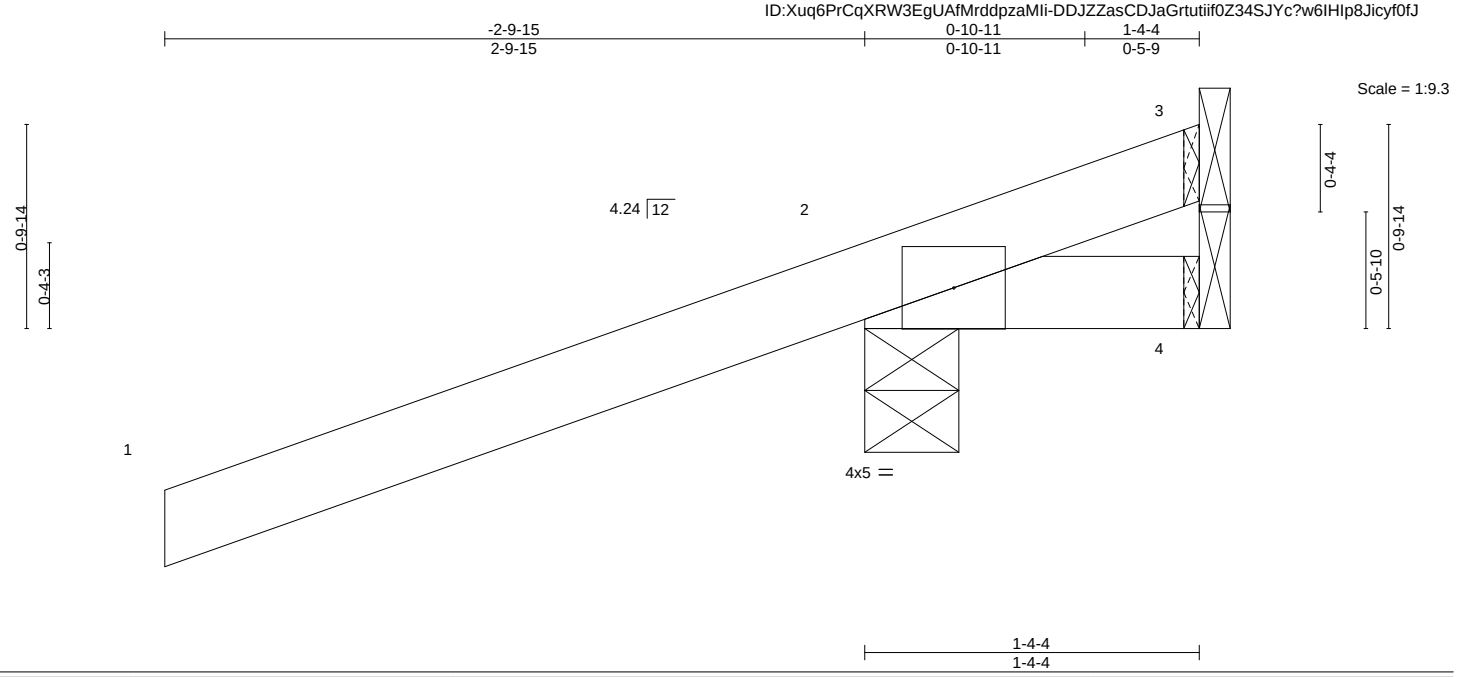


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.02	Vert(CT)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 9 lb	FT = 20%

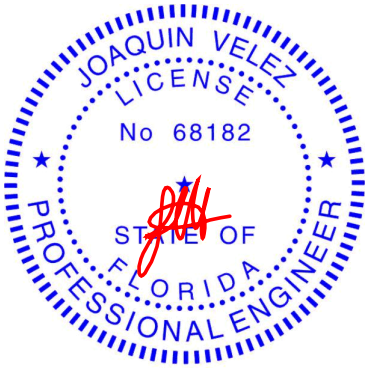
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 2=0-4-9, 4=Mechanical, 3=Mechanical
Max Horz 2=47(LC 12)
Max Uplift 2=-182(LC 12), 3=-150(LC 1)
Max Grav 2=413(LC 1), 4=26(LC 3), 3=89(LC 12)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever 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 182 lb uplift at joint 2 and 150 lb uplift at joint 3.



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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	L01	Hip Girder	1	1	T34967869

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:54 2024 Page 1
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2-0-0 5-0-0 4-0-0 5-0-0 2-0-0

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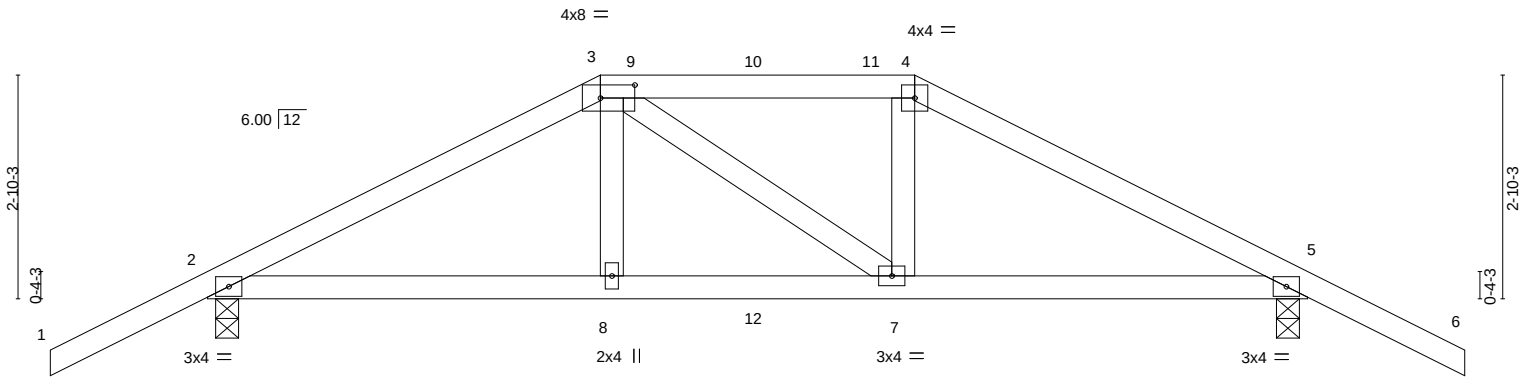


0-1-4 5-0-0 9-0-0 13-10-12 14-0-0
0-1-4 4-10-12 4-0-0 4-10-12 0-1-4

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

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	0.44	Vert(LL)	-0.03	7-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.06	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.08	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.03	2-8	>999	240	Weight: 63 lb	FT = 20%

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

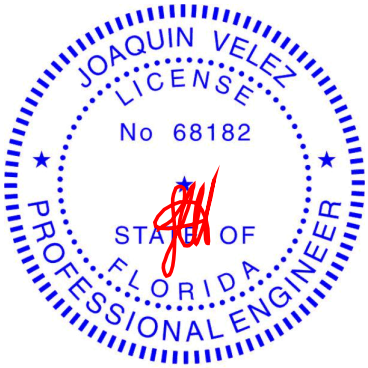
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 5=0-3-8
Max Horz 2=58(LC 7)
Max Uplift 2=-303(LC 8), 5=-303(LC 8)
Max Grav 2=910(LC 1), 5=910(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1314/401, 3-4=-1110/377, 4-5=-1315/400
BOT CHORD 2-8=-312/1099, 7-8=-317/1110, 5-7=-307/1099
WEBS 3-8=-84/333, 4-7=-86/334

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; 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 ; porch 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 303 lb uplift at joint 2 and 303 lb uplift at joint 5.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 151 lb down and 116 lb up at 5-0-0, and 76 lb down and 53 lb up at 7-0-0, and 151 lb down and 116 lb up at 9-0-0 on top chord, and 131 lb down and 87 lb up at 5-0-0, and 56 lb down and 24 lb up at 7-0-0, and 131 lb down and 87 lb up at 8-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) 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, 3-4=-60, 4-6=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 3=-97(B) 4=-97(B) 8=-95(B) 7=-95(B) 10=-55(B) 12=-28(B)



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Date:

September 11,2024

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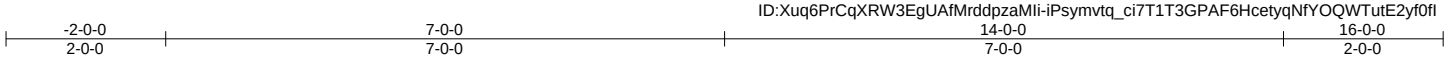
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	L02	Common	2	1	T34967870

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:55 2024 Page 1

ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-iPsymvtq_ci7T1T3GPAF6HcetyqNfYOQWTutE2yf0fI



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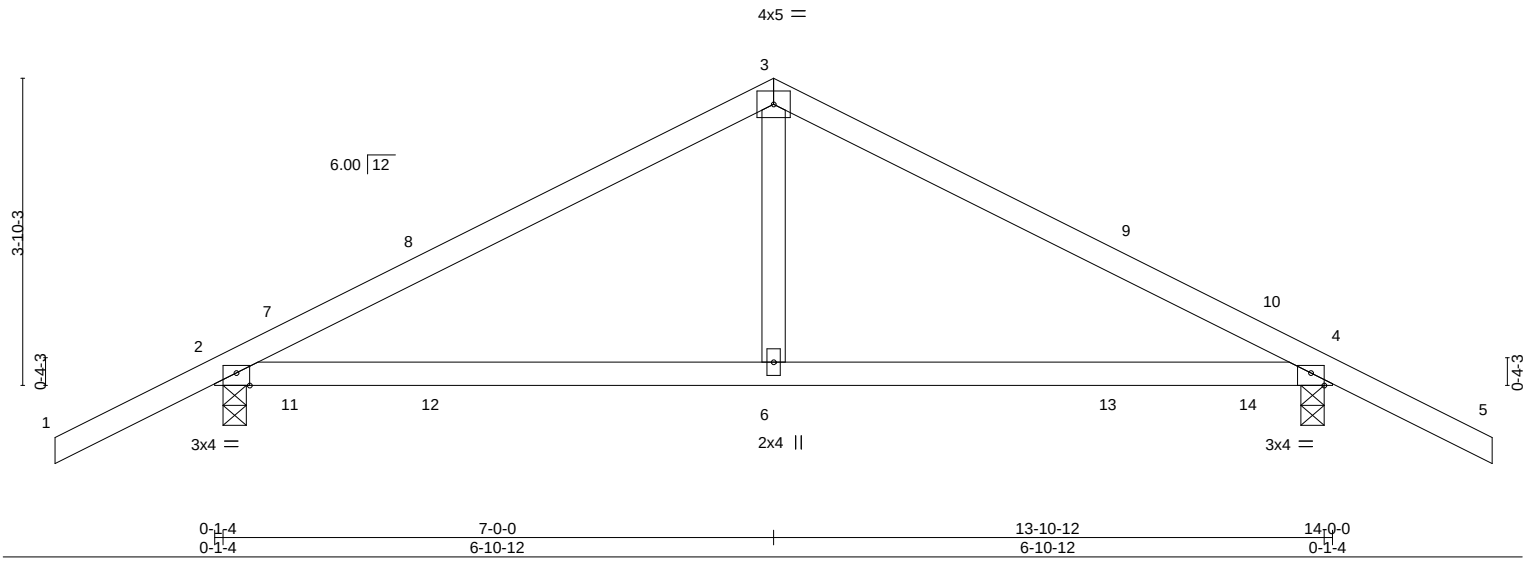


Plate Offsets (X,Y)-- [2:0-2-0,Edge], [4:0-2-0,Edge]

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	0.60	Vert(LL)	-0.05	2-6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.52	Vert(CT)	-0.12	2-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.07	4-6	>999	240	Weight: 56 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 5-7-6 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

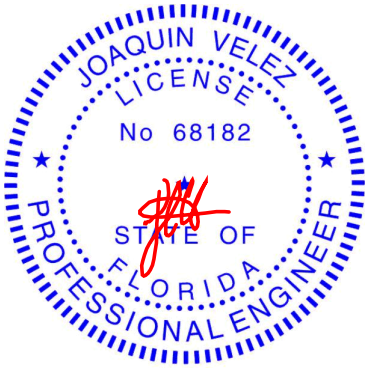
REACTIONS. (size) 2=0-3-8, 4=0-3-8
Max Horz 2=74(LC 11)
Max Uplift 2=-202(LC 12), 4=-202(LC 12)
Max Grav 2=677(LC 1), 4=677(LC 1)

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

TOP CHORD	2-3=-737/313, 3-4=-737/313
BOT CHORD	2-6=-161/570, 4-6=-161/570
WEBS	3-6=-88/328

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -2-0-0 to 1-0-0, Zone1 1-0-0 to 7-0-0, Zone2 7-0-0 to 11-2-15, Zone1 11-2-15 to 16-0-0 zone; cantilever left and right exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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 202 lb uplift at joint 2 and 202 lb uplift at joint 4.



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September 11,2024

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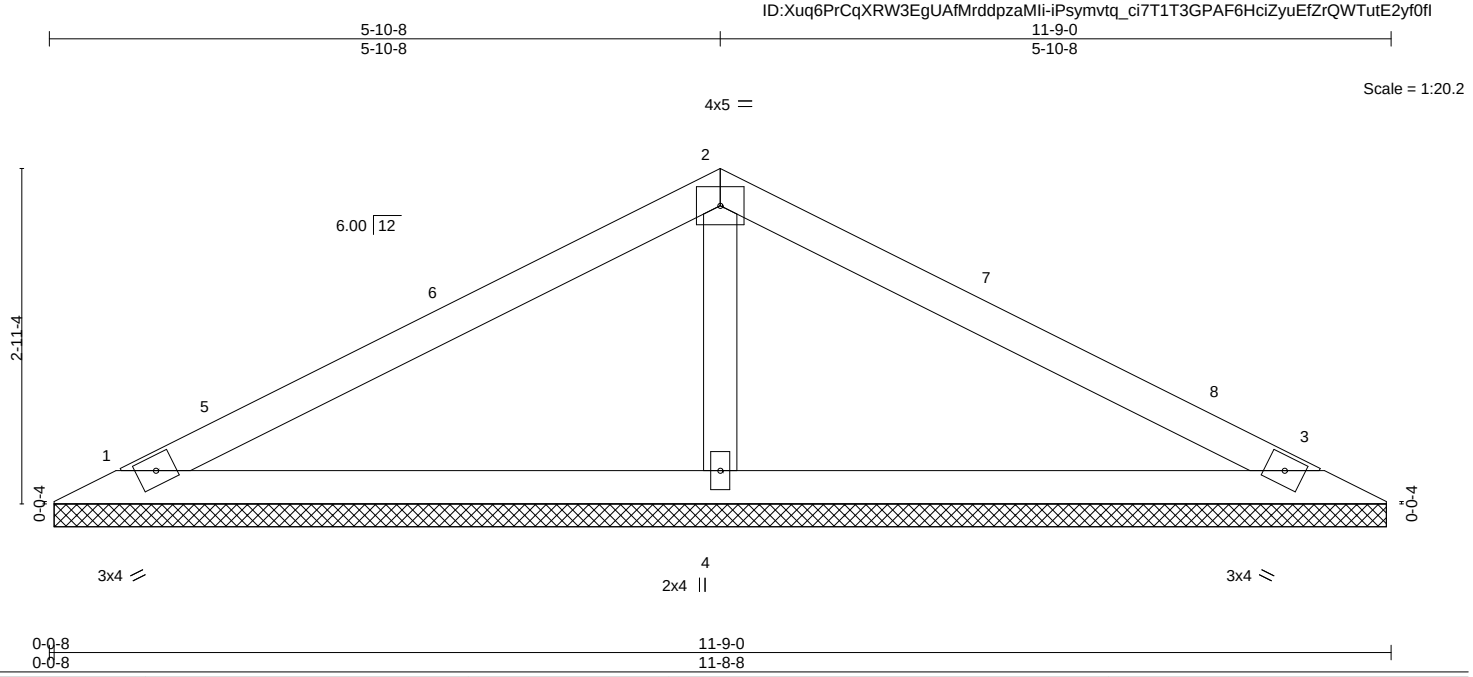
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	LV1	Valley	1	1	T34967871

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:55 2024 Page 1
ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-iPsymvtq_ci7T1T3GPAF6HciZyuEfZrQWTutE2yf0fl



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)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 38 lb	FT = 20%

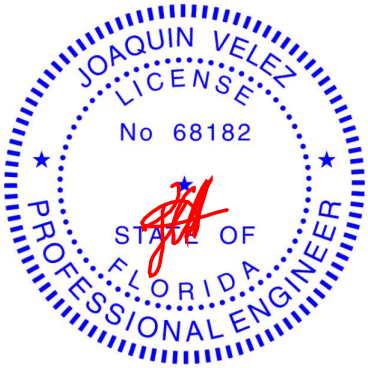
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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. (size) 1=11-8-0, 3=11-8-0, 4=11-8-0
Max Horz 1=43(LC 11)
Max Uplift 1=-18(LC 12), 3=-18(LC 12)
Max Grav 1=193(LC 23), 3=193(LC 24), 4=459(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-305/152

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-7-9 to 3-7-9, Zone1 3-7-9 to 5-10-8, Zone2 5-10-8 to 10-1-7, Zone1 10-1-7 to 11-1-7 zone; cantilever 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 18 lb uplift at joint 1 and 18 lb uplift at joint 3.



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September 11,2024

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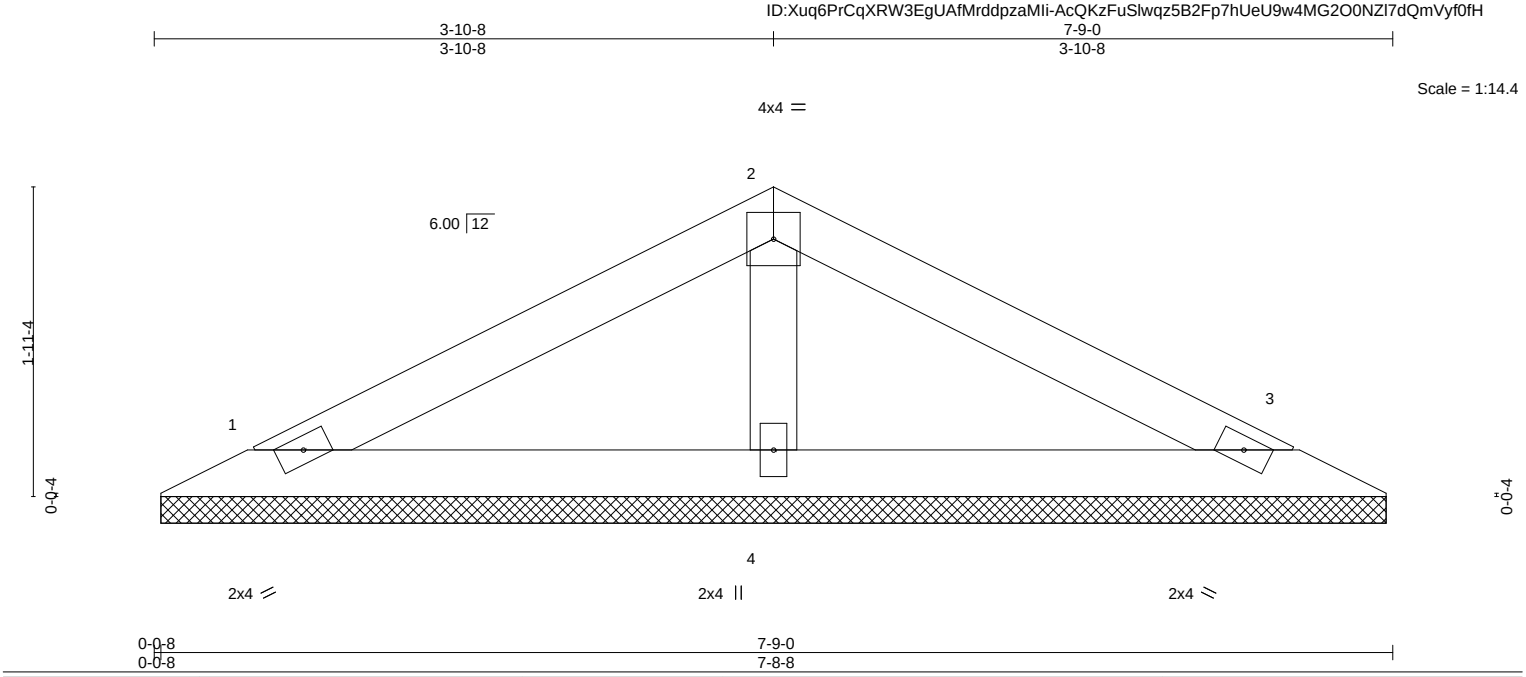
Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	LV2	Valley	1	1	T34967872

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:56 2024 Page 1

ID:Xuq6PrCqXRW3EgUAfMrddpzaMIi-AcQKzFuSlwqz5B2Fp7hUeU9w4MG2O0NZl7dQmVyf0fH



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)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							Weight: 24 lb	FT = 20%

LUMBER-

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

BRACING-

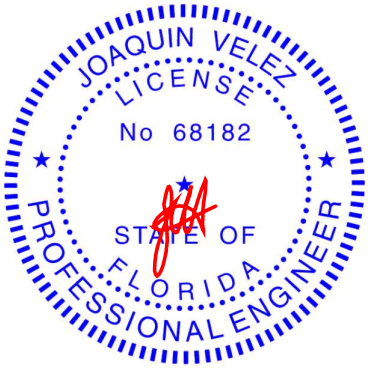
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=7-8-0, 3=7-8-0, 4=7-8-0
Max Horz 1=27(LC 11)
Max Uplift 1=-17(LC 12), 3=-17(LC 12)
Max Grav 1=131(LC 1), 3=131(LC 1), 4=257(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 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever 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 17 lb uplift at joint 1 and 17 lb uplift at joint 3.



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September 11,2024

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Job	Truss	Truss Type	Qty	Ply	1635-CR-Frame-14x10 Lanai
6242619	LV3	Valley	1	1	T34967873

Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.730 s Aug 15 2024 MiTek Industries, Inc. Tue Sep 10 13:27:56 2024 Page 1
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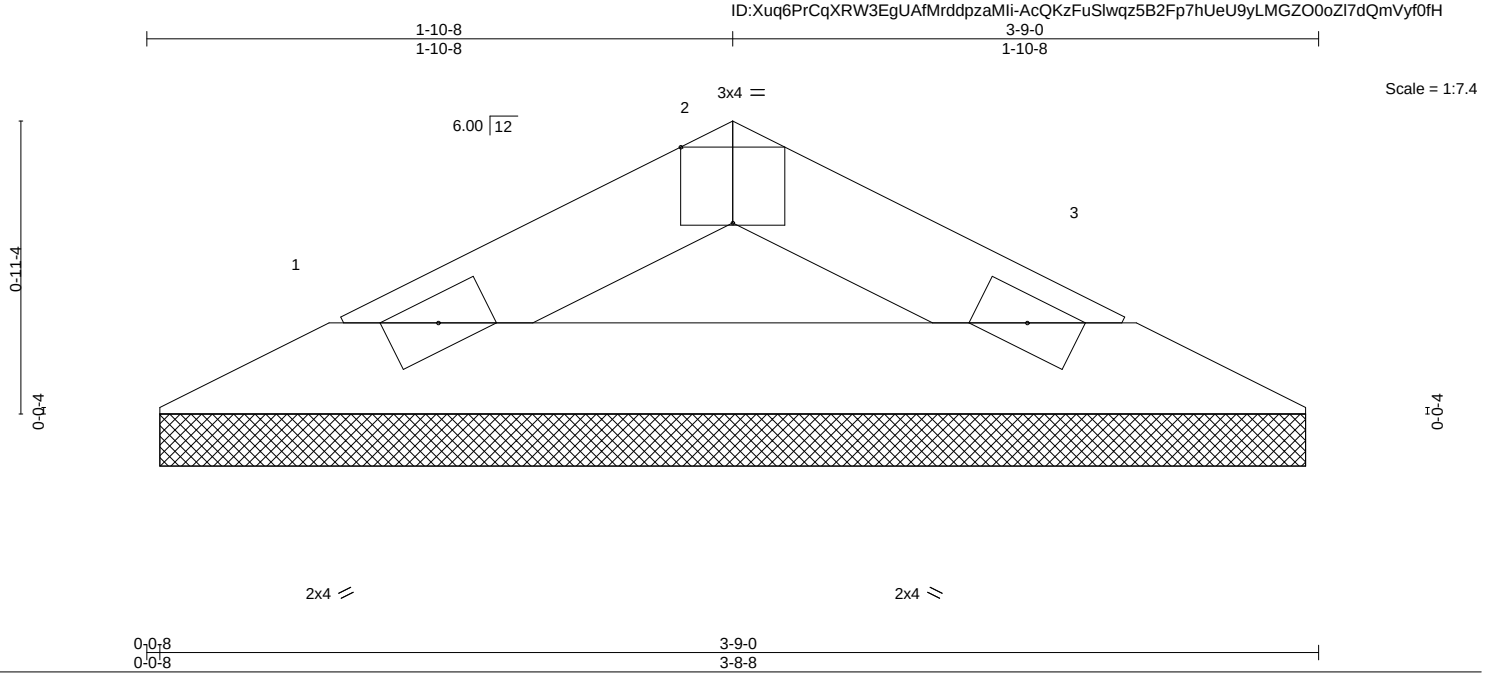


Plate Offsets (X,Y)-- [2:0-2-0,Edge]

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	0.04	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	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 FBC2023/TPI2014		Matrix-P							Weight: 10 lb	FT = 20%

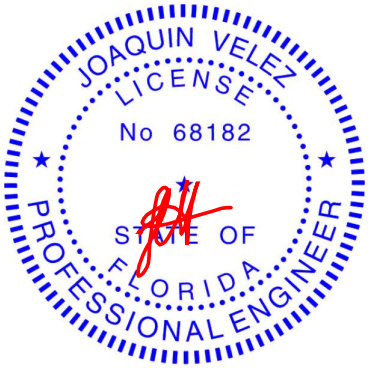
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 1=3-8-0, 3=3-8-0
Max Horz 1=-10(LC 10)
Max Uplift 1=-4(LC 12), 3=-4(LC 12)
Max Grav 1=100(LC 1), 3=100(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 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever 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 4 lb uplift at joint 1 and 4 lb uplift at joint 3.



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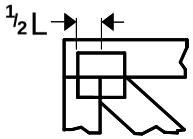
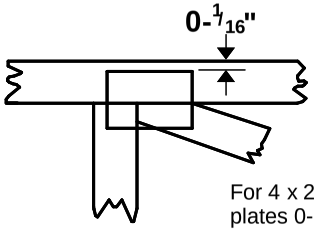
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

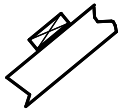
* Plate location details available in MiTek software or upon request.

PLATE SIZE

4 x 4

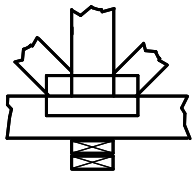
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

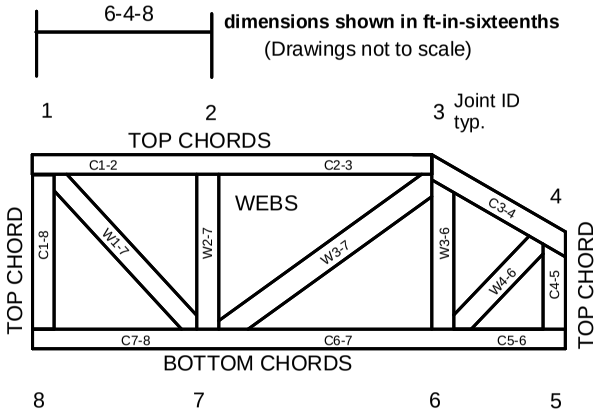


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number/letter where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-22: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing, Restraining & 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-1988, ESR-2362, ESR-2685, ESR-3282
ESR-4722, ESL-1388

Design General Notes

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

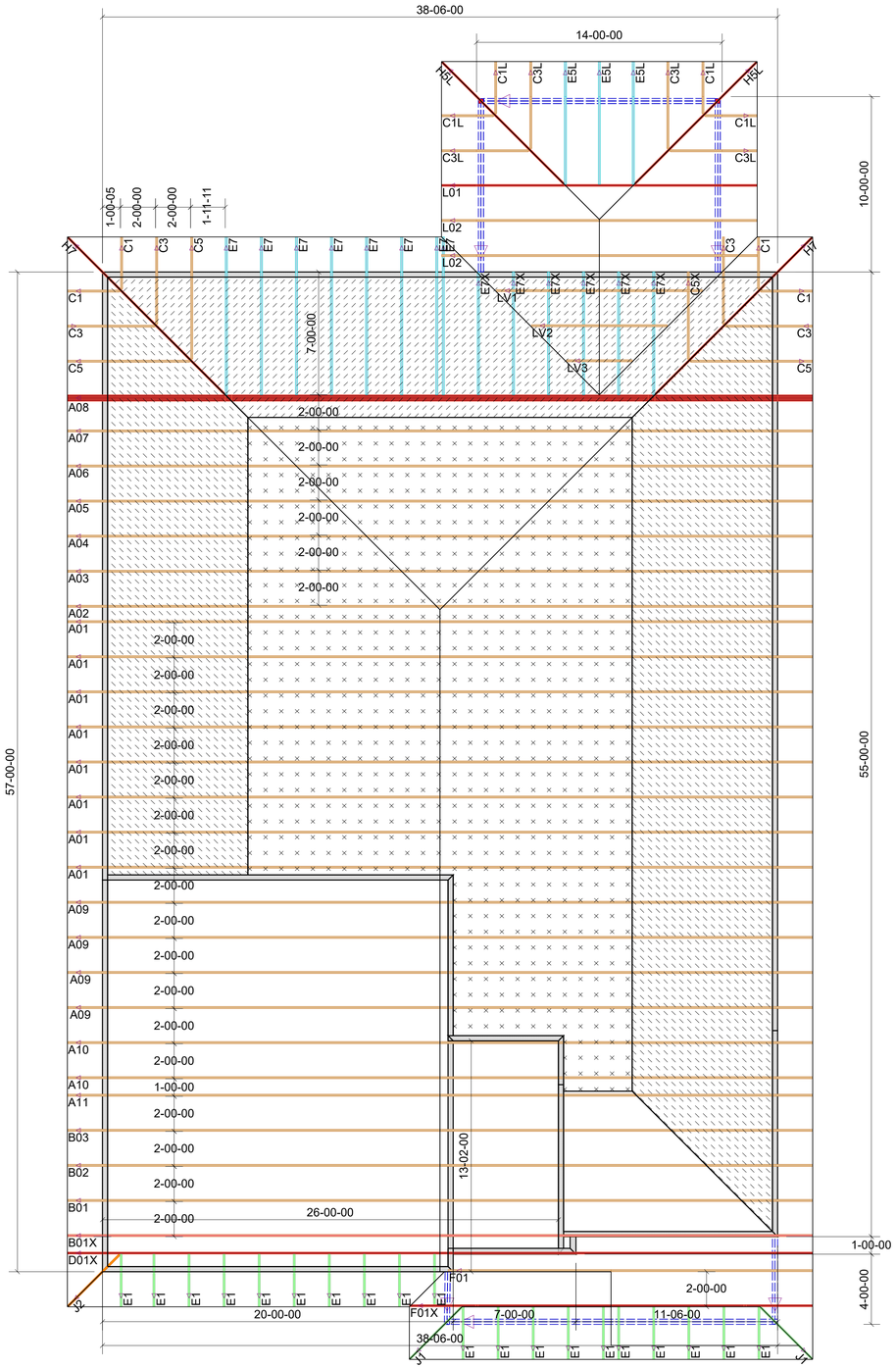
Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek®

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.



Hatch Legend

3/12 Vaulted Ceiling

10'-0" Flat Ceiling

*** Approved By: _____ Delivery Date: _____

Please Print Name | Employed By | Approval Date

TIBBETTS LUMBER CO., LLC

6100 SE 68th Street, Ocala, FL 34472
Phone (352) 347-7661 Fax: (347) 347-7797

CLIENT APPROVAL

*** Signature of this document acknowledges that the client has reviewed this truss placement diagram in its entirety as in agreement with the following terms, including , but not limited to:

a) The client is responsible to verify the accuracy of information submitted for use in design, fabrication and scheduling. Any labor, material or time delay incurred from inadequate or incorrect information supplied from the client, will be at the client's expense. Any field measurements, by an associate of Tibbetts Lumber Co., LLC, are performed as a courtesy to the client and shall be verified by the client.

b) Design Criteria: The client acknowledges that the truss design criteria noted on this truss placement diagram meets or exceeds the design criteria specified by the building designer, engineer of record, and local and state building requirements

c) Fabrication and Delivery: One approved truss placement diagram must be returned to the truss manufacturer before fabrication and delivery will be scheduled. It is the client's responsibility to co-ordinate deliver dates with the truss manufacturer. The client shall provide a marked location for delivery, which must be accessible, level and clear of materials and debris. In lieu of this, truss will be delivered in the best available location at our driver's discretion. Care and handling of the trusses following delivery is the responsibility of the client.

d) Installation & Bracing: BCSI 2008 (Building Component Safety Information) WTCA/TPI guidelines shall be followed when handling, installing & bracing trusses. Temporary and/or permanent bracing and blocking is not included in this truss package. Trusses shall be braced to prevent rotation and provide lateral stability in accordance with the requirements specified in the construction documents for the building and on the individual truss design drawings. The overall stability of the truss system is the responsibility of the building designer.

e) Field Framing: 1.) Tray ceilings and other ceiling transitions my require field framing by others. 2.) Ceiling drops and valleys not shown are to be field framed by others. 3.) Overhangs may be over-length - cut to fit in the field. Overhangs are 2x4 or 2x6 - no blocking is applied. Corner jacks will be square cut and hip jacks will be double beveled

f) Repairs: Truss related problems are to be reported to the truss manufacturer ASAP, preferably in writing. Do Not Cut Any Trusses before contacting the truss manufacturer with specifics of the problem. Any field modifications made without an engineered repair drawing will be the responsibility of the client. No back charges or crane charges of any kind will be accepted unless specifically approved in writing by the truss manufacturer's management.

g) This Truss Placement Diagram was not created by an engineer, rather by Tibbetts Lumber Co, LLC staff and is purely to be used as an installation guide and does not require a seal. Truss design analysis are on the Truss Design Drawings, which may be sealed by the Truss Design Engineer.

TYPICAL DESIGN CRITERIA

Floor: Load: 55# psf; 40 TCLL, 10 TCDL, 00 BCLL, 05 BCDL; Dur.: 1.00
Design checked for 10 psf non-concurrent LL on BC.

Roof: Load: 40# psf; 20 TCLL, 10 TCDL, 00 BCLL, 10 BCDL; Dur.: 1.25
Design checked for 10 psf non-concurrent LL on BC

Mitek Engineering			Exposure	:	B
Building Code	:	FBC 2023	Mean Height	:	≤ 15'
	:	ASCE 7-22	Bldg. Category	:	II
	:	TPI 1-2014	Importance Factor	:	1.00
Truss Design	:	Comp. & Cladding	Enclosure	:	Enclosed
Uplift Calculations	:	MWFRS	Entry	:	Exposed to Wind
Wind Speed	:	130 mph US	Lanai	:	Exposed to Wind

ROOF CRITERIA			FLOOR CRITERIA		
T.C. Pitch	:	6/12	T.C. Size	:	PC42
B.C. Pitch	:	3/12	Depth	:	16"
T.C. Size	:	2x4	Spacing	:	16" O.C.
Heel Height	:	4 3/16"	Bearing	:	8"
Bearing	:	8"	Lumber	:	SP
Cantilever	:	0	Vapor barrier between floor & concrete by other. Floor trusses held back 3/4" at exterior wall, block and fill by other. Blocking for transfer of vertical load from above by others. Odd space floor trusses around plumbing as noted.		
Overhang	:	24"			
O.H. Cut	:	Plumb			
Spacing	:	24" O.C.			
Lumber	:	SP			

CONNECTORS

Roof Truss to Truss Connectors						Floor Truss to Truss Connectors					
A	TYP: THD26						TYP: THD46				
*a	JUS24	G	THDH28-2	M	THD26	Q	THDH46	W	MSH422IF		
B	THD26-2	H	THDH28-3	N		R	THD48	X	MSH426		
C	THDH26-2	I	THDH210-3	O		S	THDH48	Y	MSH426IF		
D	THDH26-3	J	GTWS2T			T	THDH410	Z			
E	THD28	K	GTWS3T			U	THDH610				
F	THDH28	L	GTWS4T			V	MSH422				

Installation shall be per connector manufacturer's guidelines. All connectors and tie downs other than truss to girder truss connectors are to be specified and supplied by others.

UPLIFT SUMMARY

1			11			21		
2			12			22		
3			13			23		
4			14			24		
5			15			25		
6			16			26		
7			17			27		
8			18			28		
9			19			29		
10			20			30		

Only points listed above have reactions > 5000# or Uplift > 1000#.
Values shown on the sealed Truss Design Drawings supersede the above

NOTES

N1 .
N2 .
N3 .
N4 .
N5 .
N6 .
N7 .
N8 .
N9 .

Diamond indicates left side of truss on truss design drawings

Client Info

Client:	Adams Homes
Project:	Model :1635-CR 14x10 Lanai
Address:	Lot # 090 The Preserve at Laurel Lake
	Lake City ,Fl.

Rev.

Date	:	10/04/24	Scale	:	1/4" = 1'-0"	D= 1/4
Revised	:	.	Drawn By	:	Steve R.	
Sheet #	:	1 of 1	Job #	:	6242619	

Tibbetts Lumber Ocala

6100 SE 68th St
Ocala, FL 34472
Phone: 352-347-7661
www.tibbettslumber.com

Reaction Summary

Job Number: **6242619-R**
Quoted On:
Ordered On: **9/17/2024**
Scheduled Delivery On:
Product: **Roof**

Customer Information
Adams Homes of NW FL - Gainesville

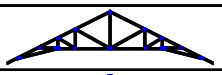
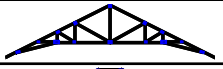
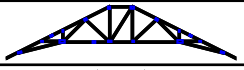
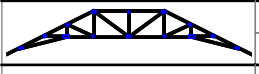
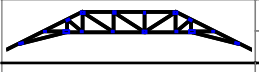
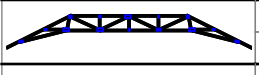
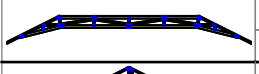
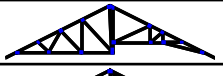
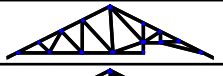
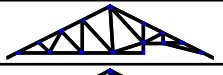
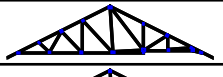
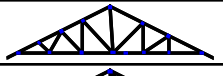
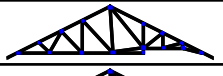
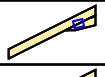
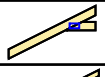
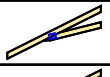
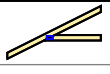
Address & Phone	Contact
Phone:	

Job Information
The Preserve at Laurel Lake 090

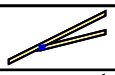
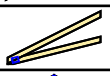
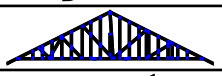
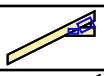
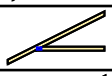
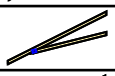
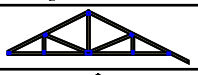
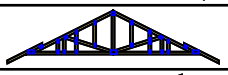
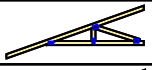
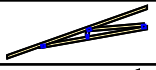
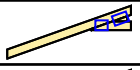
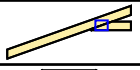
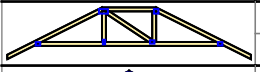
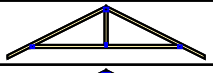
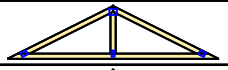
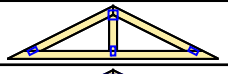
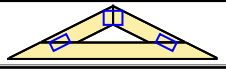
Address	Lot	Sub-Division
281 SW Silver Palm Dr Lake City FL 32024	090	The Preserve at Laurel Lake
	Sales Person: Chris Adam	Customer P.O. No.
	Estimator: Steven Roberts	Designer: Steven Roberts

Loading				Building Code	Wind Design Method	Velocity	Exp Cat / Occ Cat	Wind Max	
TCLL	TCDL	BCLL	BCDL					TCDL	BCDL
20	10	0	10	FBC2023/TPI2014	MWFRS (Directional)/C-C hybrid Wind ASCE 7-22	130 mph	B II	4.2	6

Roof Trusses

Label	Profile	Qty / Ply	Span / Height	TC Pitch / BC Pitch	TC / BC	Reactions
A01		8 1-ply	38-06-00 10-11-07	6 /12 3 /12	2 x 4 2 x 4	Joint 10 1657 -127; Joint 2 1657 -127
A02		1 1-ply	38-06-00 10-09-15	6 /12 3 /12	2 x 4 2 x 4	Joint 10 1657 -127; Joint 2 1657 -127
A03		1 1-ply	38-06-00 9-09-15	6 /12 3 /12	2 x 4 2 x 4	Joint 13 1657 -127; Joint 2 1657 -127
A04		1 1-ply	38-06-00 8-09-15	6 /12 3 /12	2 x 4 2 x 4	Joint 10 1657 -127; Joint 2 1657 -127
A05		1 1-ply	38-06-00 7-09-15	6 /12 3 /12	2 x 4 2 x 4	Joint 10 1657 -127; Joint 2 1657 -127
A06		1 1-ply	38-06-00 6-09-15	6 /12 3 /12	2 x 4 2 x 4	Joint 11 1657 -127; Joint 2 1657 -127
A07		1 1-ply	38-06-00 5-09-15	6 /12 3 /12	2 x 4 2 x 4	Joint 10 1657 -127; Joint 2 1657 -127
A08		1 3-ply	38-06-00 4-09-15	6 /12 3 /12	2 x 6 2 x 6	Joint 10 3263 -278; Joint 2 3218 -251
A09		4 1-ply	38-06-00 10-09-15	6 /12 -3 /12	2 x 4 2 x 4	Joint 12 887 -158; Joint 17 1856 59; Joint 2 907 -156
A10		2 1-ply	38-06-00 10-11-07	6 /12 -3 /12	2 x 4 2 x 4	Joint 10 474 -92; Joint 14 770 -34; Joint 15 1858 -24; Joint 2 746 -105
A11		1 1-ply	38-06-00 10-11-07	6 /12 -3 /12	2 x 4 2 x 4	Joint 10 463 -91; Joint 14 789 -37; Joint 15 1845 -22; Joint 2 744 -105
B01		1 1-ply	38-06-00 10-11-07	6 /12 -3 /12	2 x 4 2 x 4	Joint 10 408 -83; Joint 15 958 -71; Joint 16 1691 7; Joint 2 746 -108
B01X		1 1-ply	38-06-00 10-11-07	6 /12	2 x 4 2 x 4	Joint 11 433 19; Joint 12 367 -24; Joint 14 1880 -60; Joint 2 767 -94; Joint 9 384 -92
B02		1 1-ply	38-06-00 10-11-07	6 /12 -3 /12	2 x 4 2 x 4	Joint 10 419 -89; Joint 15 897 -55; Joint 16 1742 -2; Joint 2 745 -109
B03		1 1-ply	38-06-00 10-11-07	6 /12 -3 /12	2 x 4 2 x 4	Joint 10 432 -92; Joint 14 853 -42; Joint 15 1792 -11; Joint 2 742 -108
C1		4 1-ply	1-00-00 1-09-15	6 /12 3 /12	2 x 4 2 x 4	Joint 2 289 -218; Joint 4 93 -90
C1L		4 1-ply	1-00-00 1-09-15	6 /12	2 x 4 2 x 4	Joint 2 289 -142; Joint 3 67 -100; Joint 4 19 -2
C3		4 1-ply	3-00-00 2-09-15	6 /12 3 /12	2 x 4 2 x 4	Joint 2 290 -84; Joint 3 37 -14; Joint 4 56 17
C3L		4 1-ply	3-00-00 2-09-15	6 /12	2 x 4 2 x 4	Joint 2 290 -109; Joint 3 37 -14; Joint 4 56 -7

Roof Trusses

Label	Profile	Qty / Ply	Span / Height	TC Pitch / BC Pitch	TC / BC	Reactions
C5		3	5-00-00	6 /12	2 x 4	Joint 2: 349, -69; Joint 3: 115, -36; Joint 4: 96, 29
		1-ply	3-09-15	3 /12	2 x 4	
C5X		1	5-00-00	6 /12	2 x 4	Joint 1: 192, 8; Joint 2: 144, -53; Joint 3: 96, 29
		1-ply	2-10-03	3 /12	2 x 4	
D01X		1	38-06-00	6 /12	2 x 4	Joint 12: 921, -155; Joint 13: 51, 0; Joint 14: 115, 23; Joint 16: 161, -117; Joint 17: 2206, -492; Joint 2: 912, -291; Joint 9: 554, -130
		1-ply	10-11-07		2 x 4	
E1		20	1-00-00	6 /12	2 x 4	Joint 2: 288, -133; Joint 5: 74, -99
		1-ply	1-09-15		2 x 4	
E5L		3	5-00-00	6 /12	2 x 4	Joint 2: 349, -111; Joint 3: 115, -36; Joint 4: 96, -12
		1-ply	3-09-15		2 x 4	
E7		8	7-00-00	6 /12	2 x 4	Joint 2: 421, -62; Joint 3: 183, -63; Joint 4: 136, 41
		1-ply	4-09-15	3 /12	2 x 4	
E7X		6	7-00-00	6 /12	2 x 4	Joint 1: 272, 10; Joint 2: 204, -75; Joint 3: 136, 41
		1-ply	3-10-03	3 /12	2 x 4	
F01		1	18-09-08	6 /12	2 x 4	Joint 1: 733, -28; Joint 5: 876, -97
		1-ply	6-00-15		2 x 4	
F01X		1	19-00-00	6 /12	2 x 4	Joint 2: 1020, -348; Joint 8: 1019, -348
		1-ply	5-09-00		2 x 4	
H5L		2	7-00-02	4.24 /12	2 x 4	Joint 2: 416, -228; Joint 4: 127, -31; Joint 5: 122, -54
		1-ply	3-09-07		2 x 4	
H7		2	9-10-01	4.24 /12	2 x 4	Joint 2: 630, -188; Joint 4: 180, -60; Joint 5: 279, 12
		1-ply	4-09-07	2.12 /12	2 x 4	
J1		2	1-04-04	4.24 /12	2 x 4	Joint 2: 417, -185; Joint 5: 100, -152
		1-ply	1-09-07		2 x 4	
J2		1	1-04-04	4.24 /12	2 x 4	Joint 2: 413, -182; Joint 3: 89, -150; Joint 4: 26, 8
		1-ply	1-09-07		2 x 4	
L01		1	14-00-00	6 /12	2 x 4	Joint 2: 910, -303; Joint 5: 910, -303
		1-ply	3-09-15		2 x 4	
L02		2	14-00-00	6 /12	2 x 4	Joint 2: 677, -202; Joint 4: 677, -202
		1-ply	4-09-15		2 x 4	
LV1		1	11-09-00	6 /12	2 x 4	Joint 1: 193, -18; Joint 3: 193, -18; Joint 4: 459, 0
		1-ply	2-11-04		2 x 4	
LV2		1	7-09-00	6 /12	2 x 4	Joint 1: 131, -17; Joint 3: 131, -17; Joint 4: 257, 11
		1-ply	1-11-04		2 x 4	
LV3		1	3-09-00	6 /12	2 x 4	Joint 1: 100, -4; Joint 3: 100, -4
		1-ply	11-04		2 x 4	