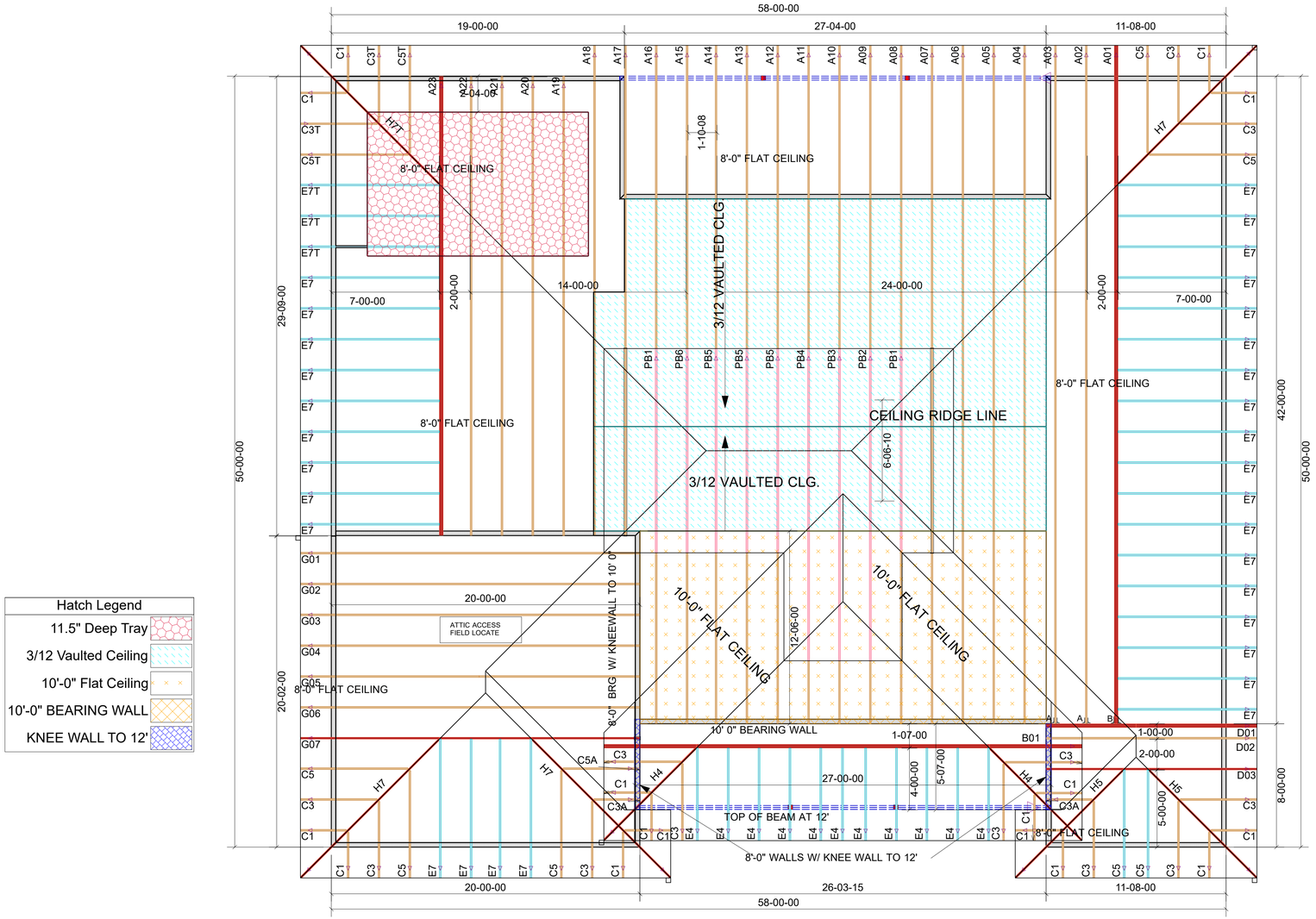


Hatch Legend
11.5" Deep Tray
3/12 Vaulted Ceiling
10'-0" Flat Ceiling
10'-0" BEARING WALL
KNEE WALL TO 12'

*** 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 fi 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.

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: 37# psf; 20 TCLL, 07 TCDL, 00 BCLL, 10 BCDL; Dur.: 1.25
Design checked for 10 psf non-concurrent LL on BC

TYPICAL DESIGN CRITERIA

Mitek Engineering				Exposure	:	B
Building Code	:	FBC 2020		Mean Height	:	≤ 15'
	:	ASCE 7-16		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		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 2169 A-Tray
Address:	LOT 6 Forest Country
	LAKE CITY, FLORIDA
	.

Rev.

	.
	.
	.

Date	:	11/19/21	Scale	:	." = 1'-0"	D= 1/4
Revised	:	.	Drawn By	:	Steve R	
Sheet #	:	1 of 1	Job #	:	613839	

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

RE: 613839 - 2169-A-Frame

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

Site Information:

Customer Info: Adams Homes-Gainesville Project Name: - Model: 2169-A-Tray-Frame
Lot/Block: 6 Subdivision: Forest Country
Address: SW Pinehurst Dr. , SW Pinehurst Dr.
City: Lake City. State: Fl

Name Address and License # of Structural Engineer of Record, If there is one, for the building.

Name: License #:
Address:
City: State:

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

Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.5
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

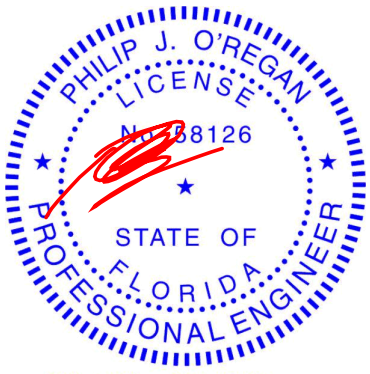
This package includes 54 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T26087678	A01	11/29/21	23	T26087700	A23	11/29/21
2	T26087679	A02	11/29/21	24	T26087701	B01	11/29/21
3	T26087680	A03	11/29/21	25	T26087702	C1	11/29/21
4	T26087681	A04	11/29/21	26	T26087703	C3	11/29/21
5	T26087682	A05	11/29/21	27	T26087704	C3A	11/29/21
6	T26087683	A06	11/29/21	28	T26087705	C3T	11/29/21
7	T26087684	A07	11/29/21	29	T26087706	C5	11/29/21
8	T26087685	A08	11/29/21	30	T26087707	C5A	11/29/21
9	T26087686	A09	11/29/21	31	T26087708	C5T	11/29/21
10	T26087687	A10	11/29/21	32	T26087709	D01	11/29/21
11	T26087688	A11	11/29/21	33	T26087710	D02	11/29/21
12	T26087689	A12	11/29/21	34	T26087711	D03	11/29/21
13	T26087690	A13	11/29/21	35	T26087712	E4	11/29/21
14	T26087691	A14	11/29/21	36	T26087713	E7	11/29/21
15	T26087692	A15	11/29/21	37	T26087714	E7T	11/29/21
16	T26087693	A16	11/29/21	38	T26087715	G01	11/29/21
17	T26087694	A17	11/29/21	39	T26087716	G02	11/29/21
18	T26087695	A18	11/29/21	40	T26087717	G03	11/29/21
19	T26087696	A19	11/29/21	41	T26087718	G04	11/29/21
20	T26087697	A20	11/29/21	42	T26087719	G05	11/29/21
21	T26087698	A21	11/29/21	43	T26087720	G06	11/29/21
22	T26087699	A22	11/29/21	44	T26087721	G07	11/29/21

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

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



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

November 29,2021

RE: 613839 - 2169-A-Frame

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

Site Information:

Customer Info: Adams Homes-Gainesville Project Name: - Model: 2169-A-Tray-Frame
Lot/Block: 6 Subdivision: Forest Country
Address: SW Pinehurst Dr. , SW Pinehurst Dr.
City: Lake City. State: Fl

No.	Seal#	Truss Name	Date
45	T26087722	H4	11/29/21
46	T26087723	H5	11/29/21
47	T26087724	H7	11/29/21
48	T26087725	H7T	11/29/21
49	T26087726	PB1	11/29/21
50	T26087727	PB2	11/29/21
51	T26087728	PB3	11/29/21
52	T26087729	PB4	11/29/21
53	T26087730	PB5	11/29/21
54	T26087731	PB6	11/29/21

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A01	Hip Girder	1	2	T26087678

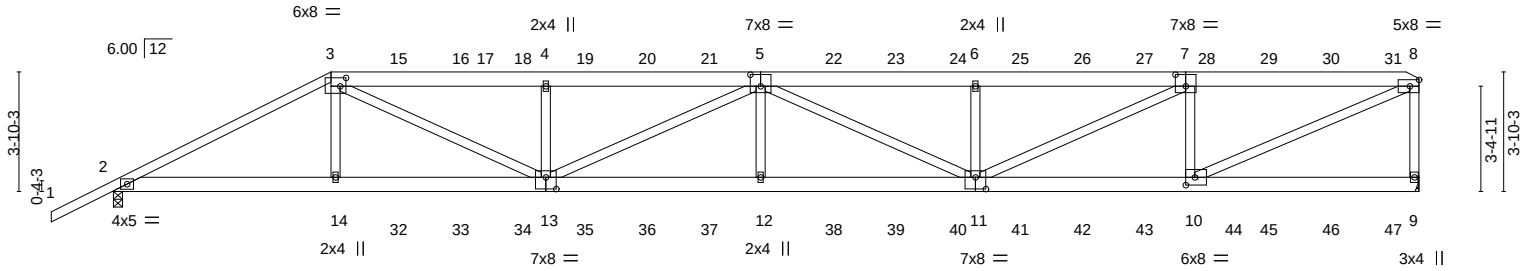
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:38 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-4Vukehwi?OQ6anrj?9RWkTUHeW27V8m6p0Z8vqyG0dN

-2-0-0	7-0-0	13-10-15	20-9-14	27-8-12	34-7-11	41-7-0	42-0-0
2-0-0	7-0-0	6-10-15	6-10-15	6-10-15	6-10-15	6-11-5	0-5-0

Scale = 1:74.1



7-0-0	13-10-15	20-9-14	27-8-12	34-7-11	42-0-0
7-0-0	6-10-15	6-10-15	6-10-15	6-10-15	7-4-5

Plate Offsets (X,Y)-- [3:0-2-4,0-3-4], [5:0-4-0,0-4-8], [7:0-4-0,0-4-8], [10:0-3-8,0-3-0], [11:0-4-0,0-4-8], [13:0-4-0,0-4-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.66	Vert(LL)	-0.36	12	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.65	Vert(CT)	-0.68	12	>740	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.77	Horz(CT)	0.11	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.24	12	>999	240	Weight: 550 lb	FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except* 1-3: 2x4 SP No.2

BOT CHORD 2x6 SP No.2 *Except* 11-13: 2x6 SP DSS

WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-4-7 oc purlins, except end verticals.

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

REACTIONS. (size) 2=0-3-8, 9=Mechanical
Max Horz 2=116(LC 7)
Max Uplift 2=-221(LC 8), 9=-250(LC 8)
Max Grav 2=3065(LC 1), 9=3224(LC 1)

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

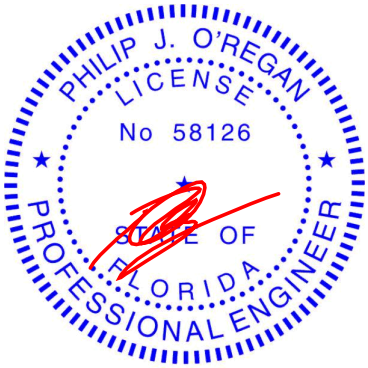
TOP CHORD 2-3=-6145/314, 3-4=-8832/629, 4-5=-8830/628, 5-6=-8908/697, 6-7=-8908/697, 7-8=-5780/470, 8-9=-3057/331

BOT CHORD 2-14=-240/5421, 13-14=-231/5442, 12-13=-688/9972, 11-12=-688/9972, 10-11=-421/5881

WEBS 3-14=0/725, 3-13=-369/3854, 4-13=-845/291, 5-13=-1301/140, 5-12=0/613, 5-11=-1185/64, 6-11=-708/253, 7-11=-234/3386, 7-10=-2358/411, 8-10=-474/6291

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=250.
11) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

Continued on page 2

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 130 lb down and 81 lb up at 7-0-0, 111 lb down and 77 lb up at 9-0-12, 111 lb down and 77 lb up at 11-0-12, 111 lb down and 77 lb up at 13-0-12, 111 lb down and 77 lb up at 15-0-12, 111 lb down and 77 lb up at 17-0-12, 111 lb down and 77 lb up at 19-0-12, 111 lb down and 77 lb up at 21-0-12, 111 lb down and 77 lb up at 23-0-12, 111 lb down and 77 lb up at 25-0-12, 111 lb down and 77 lb up at 27-0-12, 111 lb down and 77 lb up at 29-0-12, 111 lb down and 77 lb up at 31-0-12, 111 lb down and 77 lb up at 33-0-12, 111 lb down and 77 lb up at 35-0-12, 111 lb down and 77 lb up at 37-0-12, and 111 lb down and 77 lb up at 39-0-12, and 117 lb down and 76 lb up at 41-0-12 on top chord, and 306 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 21-0-12, 96 lb down at 23-0-12, 96 lb down at 25-0-12, 96 lb down at 27-0-12, 96 lb down at 29-0-12, 96 lb down at 31-0-12, 96 lb down at 33-0-12, 96 lb down at 35-0-12, 96 lb down at 37-0-12, and 96 lb down at 39-0-12, and 100 lb down at 41-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-8=-54, 2-9=-20
   Concentrated Loads (lb)
   Vert: 3=-111(F) 14=-266(F) 5=-111(F) 12=-48(F) 15=-111(F) 16=-111(F) 18=-111(F) 19=-111(F) 20=-111(F) 21=-111(F) 22=-111(F) 23=-111(F) 24=-111(F) 25=-111(F) 26=-111(F) 27=-111(F) 28=-111(F) 29=-111(F) 30=-111(F) 31=-117(F) 32=-48(F) 33=-48(F) 34=-48(F) 35=-48(F) 36=-48(F) 37=-48(F) 38=-48(F) 39=-48(F) 40=-48(F) 41=-48(F) 42=-48(F) 43=-48(F) 44=-48(F) 45=-48(F) 46=-48(F) 47=-50(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A02	HIP	1	1	T26087679
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:39 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-ZiS6r1xKmiYzBxQvZsylHh1SFwJuEfVF1gJhRGyG0dM

-2-0-0	6-3-6	9-0-0	16-8-9	24-3-5	31-10-2	39-7-0	42-0-0
2-0-0	6-3-6	2-8-10	7-8-9	7-6-13	7-6-13	7-8-14	2-5-0

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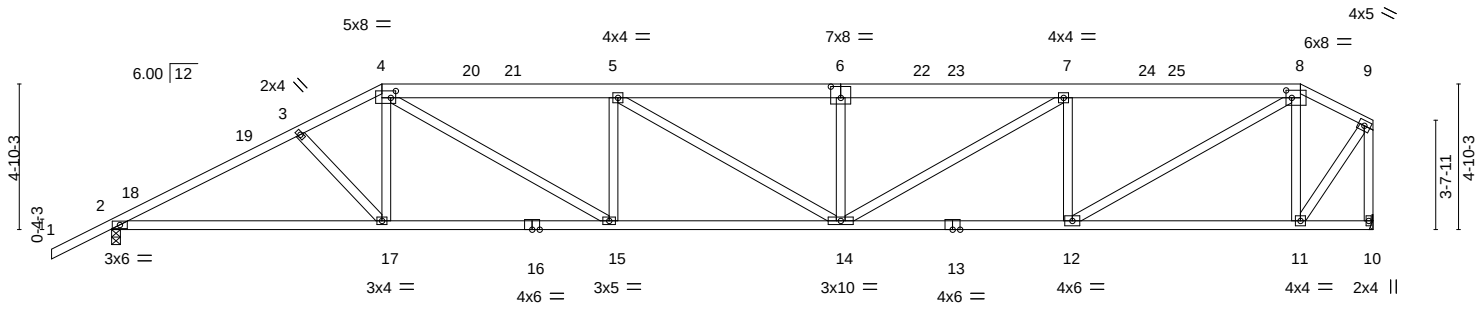


9-0-0	16-8-9	24-3-5	31-10-2	39-7-0	42-0-0
9-0-0	7-8-9	7-6-13	7-6-13	7-8-14	2-5-0

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.67	Vert(LL)	-0.28	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	1.00	Vert(CT)	-0.57	14-15	>881	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.15	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.17	14-15	>999	240	Weight: 253 lb	FT = 20%

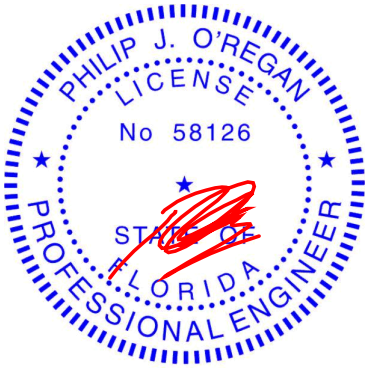
LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 4-6,6-8: 2x6 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-6-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 1-4-12 oc bracing.

REACTIONS. (size) 2=0-3-8, 10=Mechanical
Max Horz 2=133(LC 11)
Max Uplift 2=-136(LC 12), 10=-73(LC 12)
Max Grav 2=1662(LC 1), 10=1540(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2915/237, 3-4=-2716/216, 4-5=-3505/294, 5-6=-3561/283, 6-7=-3561/283, 7-8=-2700/234, 8-9=-907/103, 9-10=-1546/123
BOT CHORD 2-17=-294/2523, 15-17=-217/2412, 14-15=-297/3504, 12-14=-228/2699, 11-12=-80/771
WEBS 4-17=0/392, 4-15=-114/1333, 5-15=-531/142, 6-14=-390/116, 7-14=-64/1006, 7-12=-973/179, 8-12=-171/2237, 8-11=-997/167, 9-11=-105/1381

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 9-0-0, Exterior(2R) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 39-7-0, Exterior(2E) 39-7-0 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



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Date:
November 29,2021

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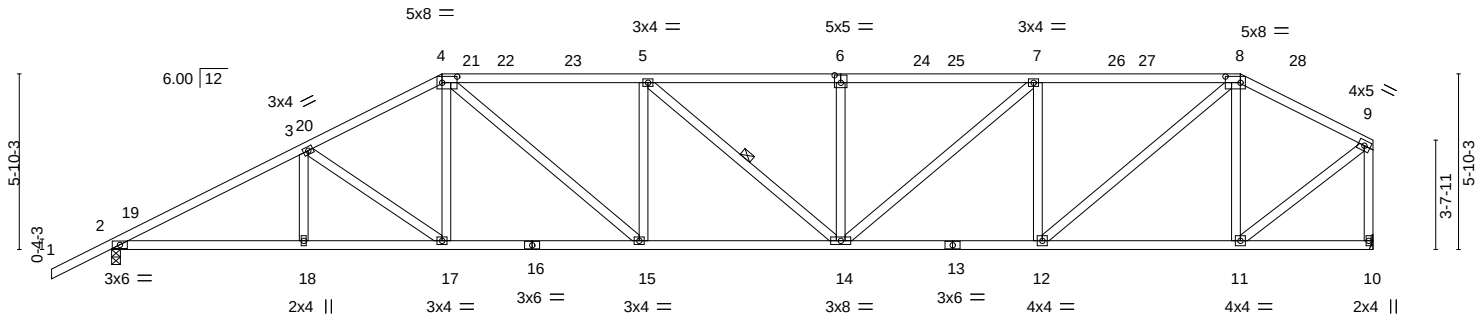
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A03	Hip	1	1	T26087680
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:40 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-1u?U3NxyX?hqp5?57aT?quabzKiOz7xOGK2F_iyG0dL

-2-0-0	6-4-12	11-0-0	17-8-9	24-3-5	30-10-2	37-7-0	42-0-0
2-0-0	6-4-12	4-7-4	6-8-9	6-6-13	6-6-13	6-8-14	4-5-0

Scale = 1:76.7



6-4-12	11-0-0	17-8-9	24-3-5	30-10-2	37-7-0	42-0-0
6-4-12	4-7-4	6-8-9	6-6-13	6-6-13	6-8-14	4-5-0

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.80	Vert(LL)	-0.24	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.79	Vert(CT)	-0.46	14-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.14	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.14	14-15	>999	240	Weight: 244 lb	FT = 20%

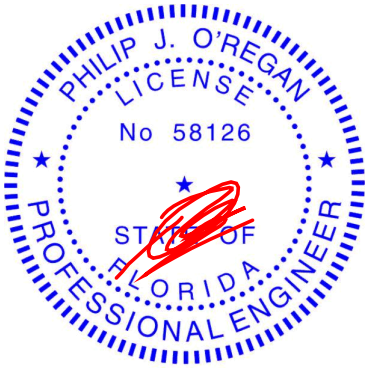
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-14

REACTIONS. (size) 2=0-3-8, 10=Mechanical
Max Horz 2=151(LC 11)
Max Uplift 2=-136(LC 12), 10=-73(LC 12)
Max Grav 2=1662(LC 1), 10=1540(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2952/218, 3-4=-2561/229, 4-5=-2864/268, 5-6=-2856/263, 6-7=-2856/263, 7-8=-2298/229, 8-9=-1290/142, 9-10=-1506/152
BOT CHORD 2-18=-275/2553, 17-18=-275/2553, 15-17=-211/2243, 14-15=-246/2864, 12-14=-200/2298, 11-12=-107/1093
WEBS 3-17=-386/76, 4-17=0/384, 4-15=-62/895, 5-15=-435/122, 6-14=-337/101, 7-14=-48/743, 7-12=-870/157, 8-12=-120/1580, 8-11=-728/139, 9-11=-106/1386

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 11-0-0, Exterior(2R) 11-0-0 to 15-2-15, Interior(1) 15-2-15 to 37-7-0, Exterior(2E) 37-7-0 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 10.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



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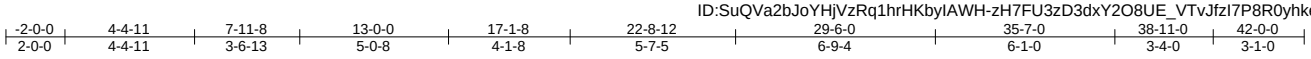
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A04	ROOF SPECIAL	1	1	T26087681
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:42 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-zH7FU3zD3dxY2O8UE_VTvJfzI7P8R0yhkeXM2byG0dJ



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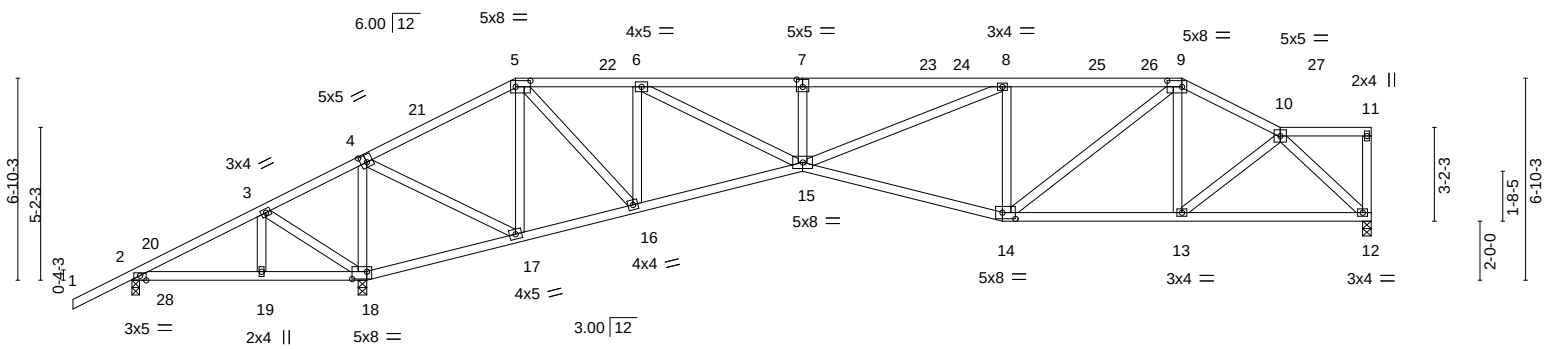


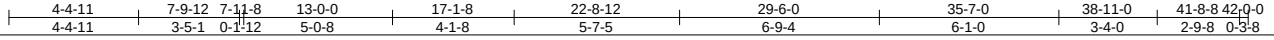


Plate Offsets (X,Y)-- [2:0-2-8,Edge], [4:0-2-8,0-3-0], [5:0-6-0,0-2-8], [7:0-2-8,0-3-0], [9:0-6-0,0-2-8], [14:0-5-4,0-2-8], [18:0-6-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	-0.18	15	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.65	Vert(CT)	-0.38	14-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.57	Horz(CT)	0.11	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.10	15	>999	240	Weight: 239 lb	FT = 20%

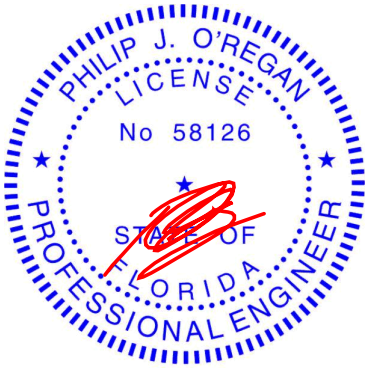
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-3-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-4-2 oc bracing.

REACTIONS. (size) 12=0-3-8, 2=0-3-1, 18=0-3-8
Max Horz 2=145(LC 9)
Max Uplift 12=-49(LC 12), 2=-668(LC 22), 18=-207(LC 12)
Max Grav 12=1051(LC 1), 18=2611(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-115/1646, 3-4=-301/1922, 5-6=-824/97, 6-7=-2362/185, 7-8=-2362/185, 8-9=-1674/184, 9-10=-1334/142
BOT CHORD 2-19=-1444/22, 18-19=-1444/23, 17-18=-1772/205, 15-16=-65/862, 14-15=-160/1719, 13-14=-110/1160, 12-13=-117/949
WEBS 4-18=-1929/285, 4-17=-180/1872, 5-17=-1169/182, 5-16=-95/1295, 6-16=-1056/141, 6-15=-142/1727, 7-15=-339/105, 8-15=-39/785, 8-14=-683/139, 9-14=-51/694, 10-13=0/330, 10-12=-1303/144, 3-18=-328/253

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 13-0-0, Exterior(2R) 13-0-0 to 16-0-0, Interior(1) 16-0-0 to 35-7-0, Exterior(2R) 35-7-0 to 38-7-0, Interior(1) 38-7-0 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=207.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 12. This connection is for uplift only and does not consider lateral forces.
9) Two RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.
10) Double installations of RT7A require the two hurricane ties to be installed on opposite sides of top plate to avoid nail interference in single ply truss.



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Date:
November 29,2021

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

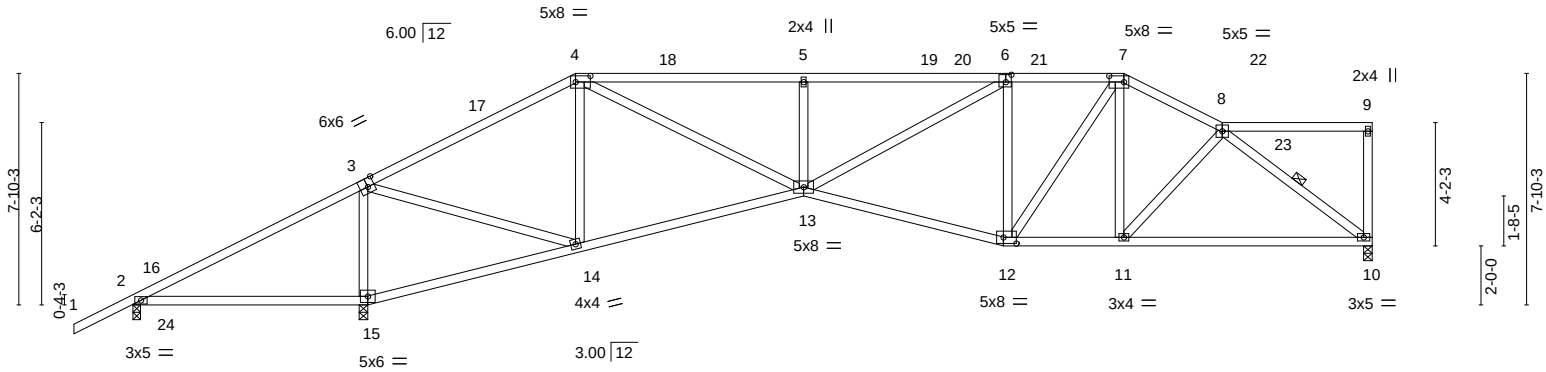
Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A05	ROOF SPECIAL	1	1	T26087682

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:43 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-RThdhO_rqw3PgYjgoi0iRXB3JXkTAT5ryIHva1yG0dI

-2-0-0	7-11-8	15-0-0	22-8-12	29-6-0	33-7-0	36-11-0	42-0-0
2-0-0	7-11-8	7-0-8	7-8-12	6-9-4	4-1-0	3-4-0	5-1-0

Scale = 1:78.1



7-9-12	7-11-8	15-0-0	22-8-12	29-6-0	33-7-0	36-11-0	41-8-8	42-0-0
7-9-12	0-1-12	7-0-8	7-8-12	6-9-4	4-1-0	3-4-0	4-9-8	0-3-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.16	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.34	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.51	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.25	2-15	>373	240	Weight: 233 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 4-10-10 oc bracing.
WEBS	1 Row at midpt 8-10

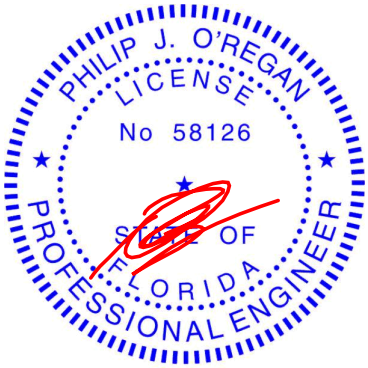
REACTIONS. (size) 10=0-3-8, 2=0-3-1, 15=0-3-8
Max Horz 2=175(LC 9)
Max Uplift 10=-53(LC 12), 2=-364(LC 22), 15=-186(LC 12)
Max Grav 10=1120(LC 1), 15=2241(LC 1)

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

TOP CHORD	2-3=-242/1259, 3-4=-826/99, 4-5=-2129/226, 5-6=-2129/226, 6-7=-1509/199, 7-8=-1426/169
BOT CHORD	2-15=-1025/85, 14-15=-1104/107, 13-14=-103/667, 12-13=-182/1562, 11-12=-132/1239, 10-11=-156/1184
WEBS	3-15=-1820/321, 3-14=-135/1781, 4-14=-775/187, 4-13=-166/1677, 5-13=-440/140, 6-13=-78/750, 6-12=-671/143, 7-12=-64/517, 8-10=-1469/171

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 15-0-0, Exterior(2R) 15-0-0 to 18-0-0, Interior(1) 18-0-0 to 33-7-0, Exterior(2R) 33-7-0 to 36-7-0, Interior(1) 36-7-0 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=186.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 2. This connection is for uplift only and does not consider lateral forces.



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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A06	Roof Special	1	1	T26087683
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:44 2021 Page 1
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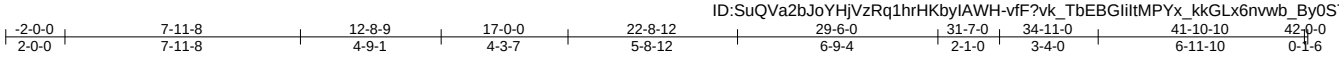

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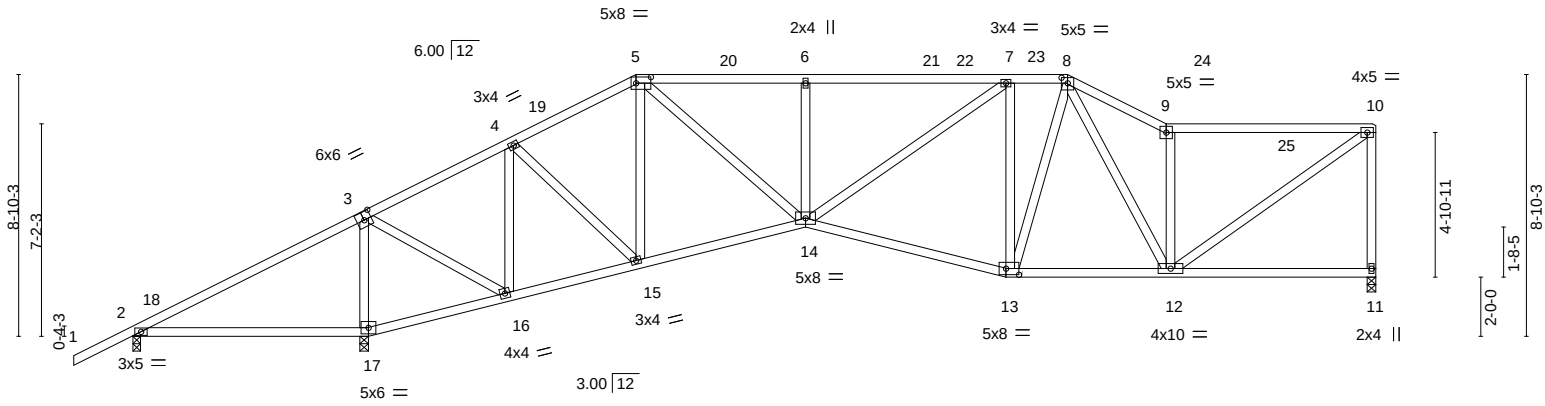


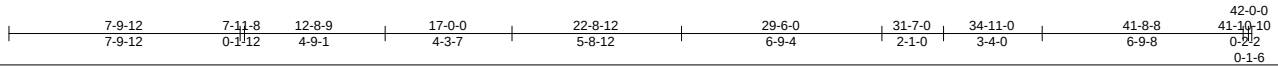


Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [8:0-2-8,0-2-4], [13:0-5-4,0-2-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.84	Vert(LL)	-0.13	2-17	>706	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.64	Vert(CT)	-0.28	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.08	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	14	>999	240	Weight: 256 lb	FT = 20%

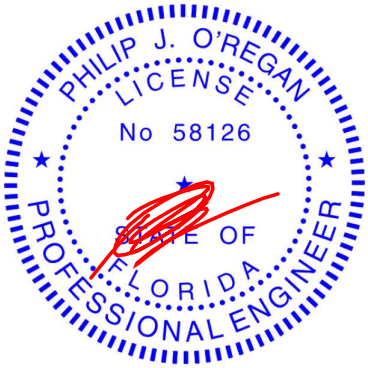
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
5-4-6 oc bracing: 2-17
5-9-0 oc bracing: 16-17.

REACTIONS. (size) 2=0-3-1, 17=0-3-8, 11=0-3-8
Max Horz 2=205(LC 9)
Max Uplift 2=-264(LC 22), 17=-109(LC 12), 11=-55(LC 12)
Max Grav 2=46(LC 9), 17=2134(LC 1), 11=1141(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-261/1071, 3-4=-490/90, 4-5=-1065/161, 5-6=-1753/226, 6-7=-1753/226, 7-8=-1323/209, 8-9=-1501/234, 9-10=-1267/167, 10-11=-1075/151
BOT CHORD 2-17=-862/91, 16-17=-1001/112, 15-16=-130/395, 14-15=-175/933, 13-14=-194/1366, 12-13=-165/1191
WEBS 3-17=-1747/310, 3-16=-176/1506, 4-15=-61/737, 5-15=-522/114, 5-14=-114/1133, 6-14=-374/123, 7-14=-85/590, 7-13=-652/168, 8-13=-58/514, 9-12=-956/206, 10-12=-145/1524, 4-16=-981/175

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-0-0, Exterior(2R) 17-0-0 to 20-0-0, Interior(1) 20-0-0 to 31-7-0, Exterior(2R) 31-7-0 to 34-7-0, Interior(1) 34-7-0 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 17=109.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
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Date:
November 29,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A07	Roof Special	1	1	T26087684

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:46 2021 Page 1

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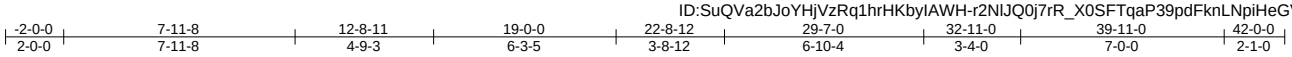

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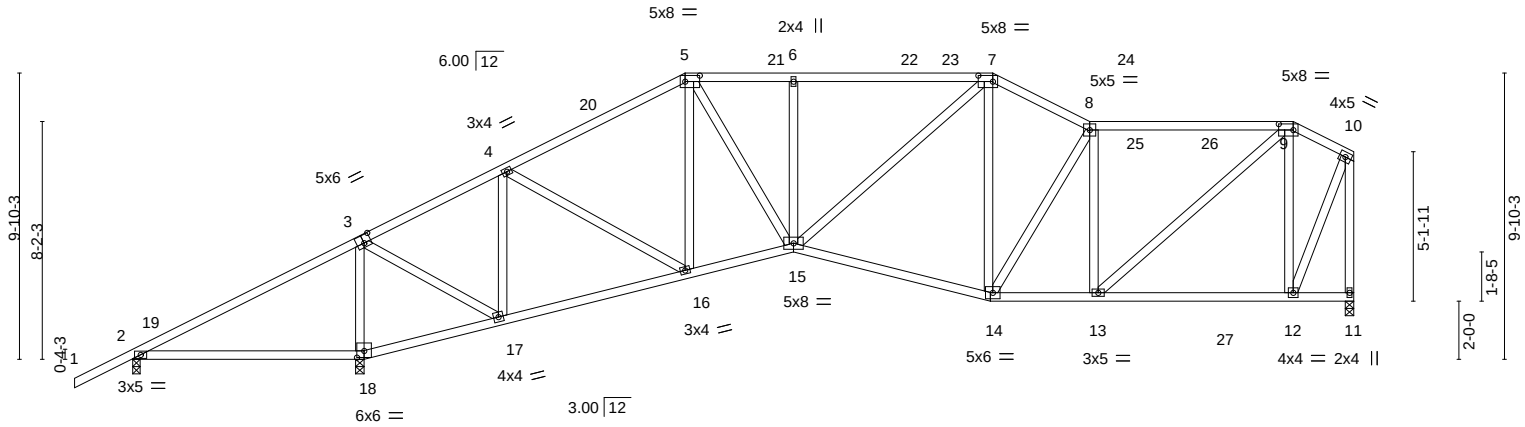

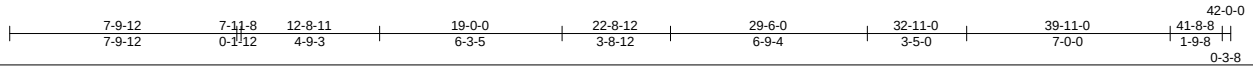

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [7:0-6-0,0-2-8], [9:0-6-0,0-2-8], [18:0-3-0,0-2-12]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.81	Vert(LL)	-0.15	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.30	14-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.07	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.05	15	>999	240	Weight: 270 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-9-3 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 4-7-1 oc bracing: 2-18 6-0-0 oc bracing: 17-18.

REACTIONS. (size) 2=0-3-1, 18=0-3-8, 11=0-3-8
Max Horz 2=221(LC 11)
Max Uplift 2=-168(LC 22), 18=-103(LC 12), 11=-56(LC 12)
Max Grav 2=66(LC 21), 18=2286(LC 17), 11=1280(LC 19)

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

TOP CHORD	2-3=-248/1026, 3-4=-666/103, 4-5=-1398/182, 5-6=-1649/235, 6-7=-1649/235, 7-8=-1458/217, 8-9=-1408/190, 9-10=-554/109, 10-11=-1314/125
BOT CHORD	2-18=-811/84, 17-18=-884/97, 16-17=-144/645, 15-16=-191/1284, 14-15=-181/1356, 13-14=-179/1422, 12-13=-79/462
WEBS	3-18=-1854/303, 3-17=-170/1592, 4-17=-951/192, 4-16=-59/746, 5-16=-369/102, 5-15=-92/876, 6-15=-344/111, 7-15=-82/534, 8-14=-306/67, 8-13=-649/146, 9-13=-127/1244, 9-12=-849/202, 10-12=-130/1181

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 19-0-0, Exterior(2R) 19-0-0 to 22-0-0, Interior(1) 22-0-0 to 29-7-0, Exterior(2R) 29-7-0 to 32-7-0, Interior(1) 32-7-0 to 39-11-0, Exterior(2E) 39-11-0 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=103.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.

Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

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Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A08	Piggyback Base	1	1	T26087685

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:47 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-KEw8Xm1Lu9Zr9A1R1Y5ecNMoS8376AhQtwF7joyG0dE

-2-0-0	7-11-8	12-9-0	17-8-1	22-8-12	23-7-0	29-6-0	33-8-5	37-10-15	42-0-0
2-0-0	7-11-8	4-9-8	4-11-1	5-0-11	0-10-4	5-11-0	4-2-5	4-2-10	4-1-1

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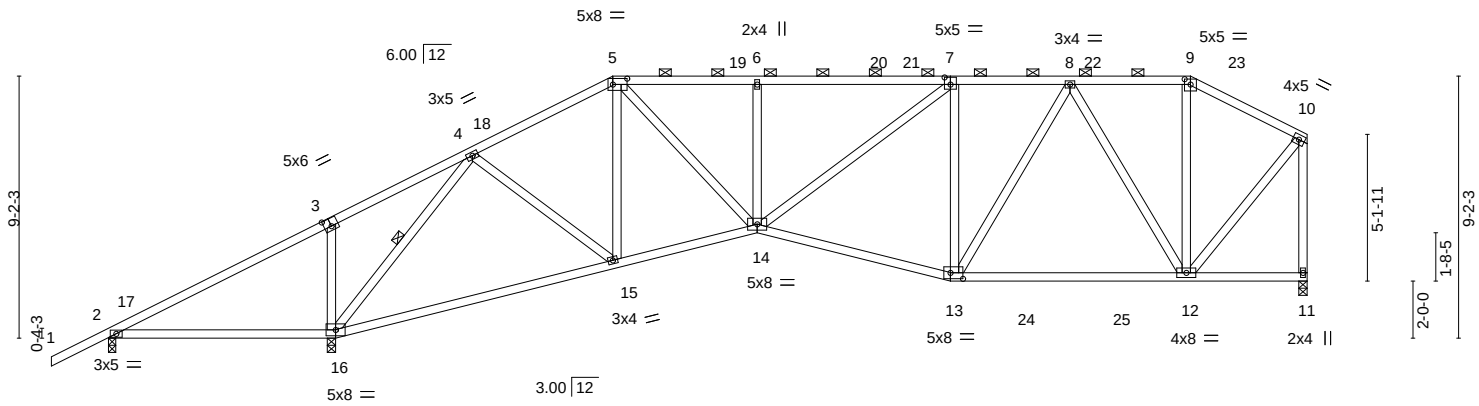


7-9-12	7-11-8	17-8-1	22-8-12	29-6-0	37-10-15	42-0-0
7-9-12	0-1-12	9-8-9	5-0-11	6-9-4	8-4-15	4-1-1

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [7:0-2-8,0-3-0], [9:0-2-8,0-2-4], [13:0-5-4,0-2-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.26	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.53	15-16	>766	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.10	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	14	>999	240	Weight: 257 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 4-9-11 oc purlins, except end verticals, and 2-0-0 oc purlins (3-10-3 max.): 5-9.
BOT CHORD	Rigid ceiling directly applied or 5-3-0 oc bracing.
WEBS	1 Row at midpt 4-16

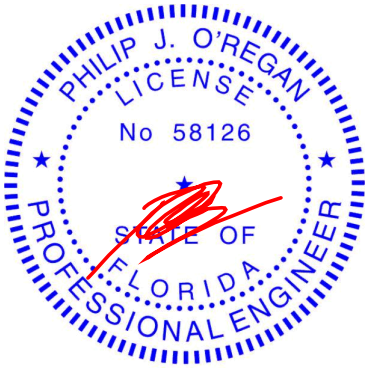
REACTIONS. (size) 2=0-3-1, 16=0-3-8, 11=0-3-8
Max Horz 2=210(LC 11)
Max Uplift 2=-161(LC 22), 16=-106(LC 12), 11=-56(LC 12)
Max Grav 2=49(LC 9), 16=2273(LC 17), 11=1291(LC 18)

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

TOP CHORD	2-3=-220/953, 3-4=-130/895, 4-5=-1370/141, 5-6=-1900/208, 6-7=-1900/208, 7-8=-1447/182, 8-9=-740/131, 9-10=-855/122, 10-11=-1279/120
BOT CHORD	2-16=-757/74, 15-16=-162/622, 14-15=-158/1261, 13-14=-165/1536, 12-13=-138/1144
WEBS	3-16=-392/152, 4-16=-2129/241, 4-15=-1/845, 5-15=-409/109, 5-14=-104/1041, 6-14=-351/116, 7-14=-83/586, 7-13=-640/146, 8-13=-22/632, 8-12=-825/107, 10-12=-77/1102

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 21-10-15, Interior(1) 21-10-15 to 37-10-15, Exterior(2E) 37-10-15 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=106.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A09	PIGGYBACK BASE	1	1	T26087686

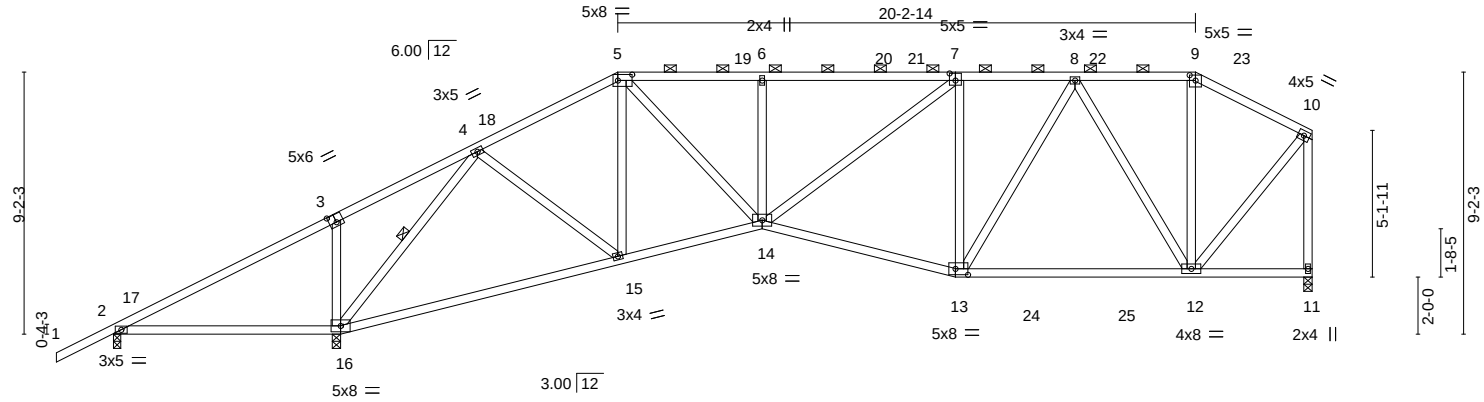
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:48 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-oRUWk61zfThhnJcebFct8avyCYPMrdxa6a_gGFyG0dD

-2-0-0	7-11-8	12-9-0	17-8-1	22-8-12	23-7-0	29-6-0	33-8-5	37-10-15	42-0-0
2-0-0	7-11-8	4-9-8	4-11-1	5-0-11	0-10-4	5-11-0	4-2-5	4-2-10	4-1-1

Scale = 1:80.7



7-9-12	7-11-8	17-8-1	22-8-12	29-6-0	37-10-15	42-0-0
7-9-12	0-1-12	9-8-9	5-0-11	6-9-4	8-4-15	4-1-1

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [7:0-2-8,0-3-0], [9:0-2-8,0-2-4], [13:0-5-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.26	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.53	15-16	>766	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.10	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	14	>999	240	Weight: 257 lb	FT = 20%

LUMBER-

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

BRACING-

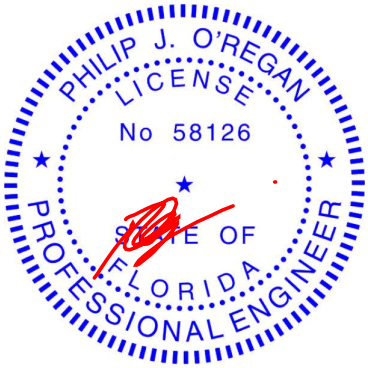
TOP CHORD Structural wood sheathing directly applied or 4-9-11 oc purlins, except end verticals, and 2-0-0 oc purlins (3-10-3 max.): 5-9.
BOT CHORD Rigid ceiling directly applied or 5-3-0 oc bracing.
WEBS 1 Row at midpt 4-16

REACTIONS. (size) 2=0-3-1, 16=0-3-8, 11=0-3-8
Max Horz 2=210(LC 11)
Max Uplift 2=-161(LC 22), 16=-106(LC 12), 11=-56(LC 12)
Max Grav 2=49(LC 9), 16=2273(LC 17), 11=1291(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-220/953, 3-4=-130/895, 4-5=-1370/141, 5-6=-1900/208, 6-7=-1900/208, 7-8=-1447/182, 8-9=-740/131, 9-10=-855/122, 10-11=-1279/120
BOT CHORD 2-16=-757/74, 15-16=-162/622, 14-15=-158/1261, 13-14=-165/1536, 12-13=-138/1144
WEBS 3-16=-392/152, 4-16=-2129/241, 4-15=-1/845, 5-15=-409/109, 5-14=-104/1041, 6-14=-351/116, 7-14=-83/586, 7-13=-640/146, 8-13=-22/632, 8-12=-825/107, 10-12=-77/1102

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 21-10-15, Interior(1) 21-10-15 to 37-10-15, Exterior(2E) 37-10-15 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=106.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A10	Piggyback Base	1	1	T26087687

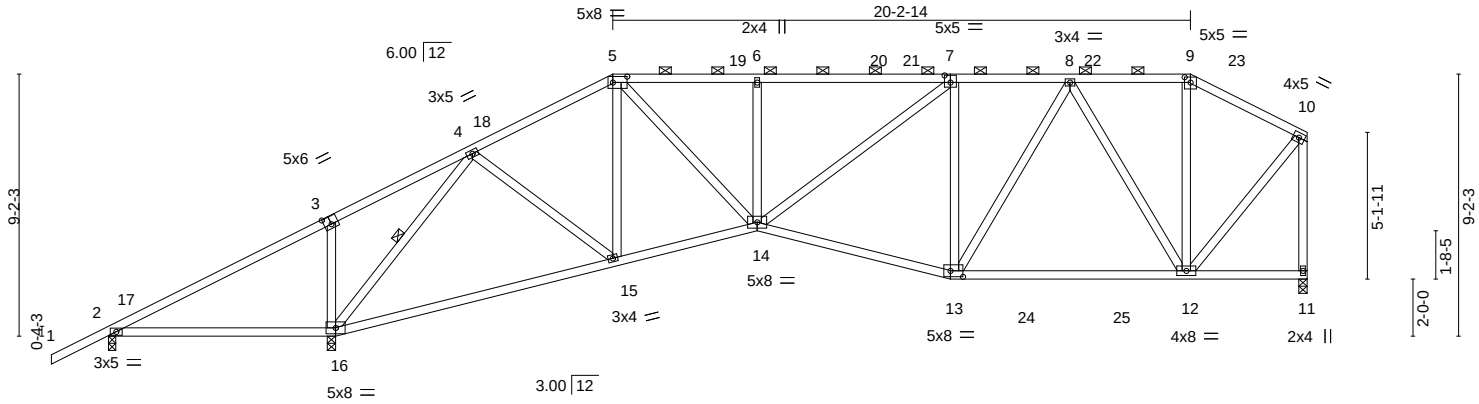
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:49 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-Gd2uyS2cQmpYOTBq8z76hoR7yylba4BjLEkDohyG0dC

-2-0-0	7-11-8	12-9-0	17-8-1	22-8-12	23-7-0	29-6-0	33-8-5	37-10-15	42-0-0
2-0-0	7-11-8	4-9-8	4-11-1	5-0-11	0-10-4	5-11-0	4-2-5	4-2-10	4-1-1

Scale = 1:80.7



7-9-12	7-11-8	17-8-1	22-8-12	29-6-0	37-10-15	42-0-0
7-9-12	0-1-12	9-8-9	5-0-11	6-9-4	8-4-15	4-1-1

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [7:0-2-8,0-3-0], [9:0-2-8,0-2-4], [13:0-5-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.26	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.53	15-16	>766	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.10	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	14	>999	240	Weight: 257 lb	FT = 20%

LUMBER-

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

BRACING-

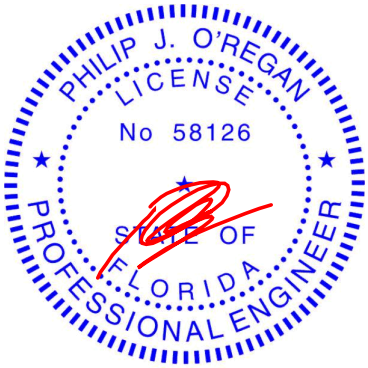
TOP CHORD Structural wood sheathing directly applied or 4-9-11 oc purlins, except end verticals, and 2-0-0 oc purlins (3-10-3 max.): 5-9.
BOT CHORD Rigid ceiling directly applied or 5-3-0 oc bracing.
WEBS 1 Row at midpt 4-16

REACTIONS. (size) 2=0-3-1, 16=0-3-8, 11=0-3-8
Max Horz 2=210(LC 11)
Max Uplift 2=-161(LC 22), 16=-106(LC 12), 11=-56(LC 12)
Max Grav 2=49(LC 9), 16=2273(LC 17), 11=1291(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-220/953, 3-4=-130/895, 4-5=-1370/141, 5-6=-1900/208, 6-7=-1900/208, 7-8=-1447/182, 8-9=-740/131, 9-10=-855/122, 10-11=-1279/120
BOT CHORD 2-16=-757/74, 15-16=-162/622, 14-15=-158/1261, 13-14=-165/1536, 12-13=-138/1144
WEBS 3-16=-392/152, 4-16=-2129/241, 4-15=-1/845, 5-15=-409/109, 5-14=-104/1041, 6-14=-351/116, 7-14=-83/586, 7-13=-640/146, 8-13=-22/632, 8-12=-825/107, 10-12=-77/1102

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 21-10-15, Interior(1) 21-10-15 to 37-10-15, Exterior(2E) 37-10-15 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=106.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Philip J. O'Regan PE No.58126
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Date:
November 29,2021

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A11	PIGGYBACK BASE	1	1	T26087688

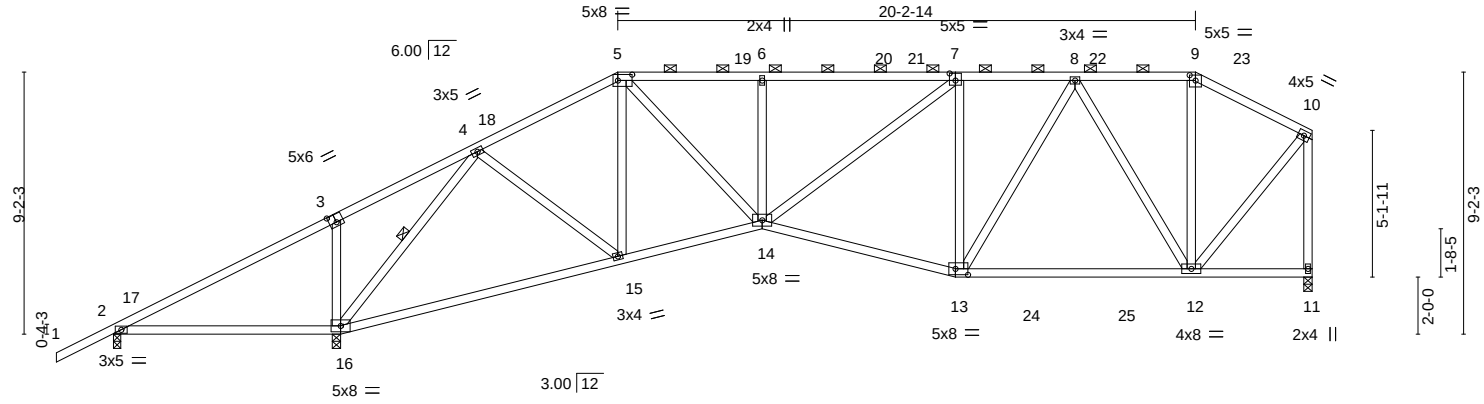
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:51 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-C0AeN84sxO3GenKDGNAamDXTRlR32_g0oYDKsayG0dA

-2-0-0	7-11-8	12-9-0	17-8-1	22-8-12	23-7-0	29-6-0	33-8-5	37-10-15	42-0-0
2-0-0	7-11-8	4-9-8	4-11-1	5-0-11	0-10-4	5-11-0	4-2-5	4-2-10	4-1-1

Scale = 1:80.7



7-9-12	7-11-8	17-8-1	22-8-12	29-6-0	37-10-15	42-0-0
7-9-12	0-1-12	9-8-9	5-0-11	6-9-4	8-4-15	4-1-1

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [7:0-2-8,0-3-0], [9:0-2-8,0-2-4], [13:0-5-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.26	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.85	Vert(CT)	-0.53	15-16	>766	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.10	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	14	>999	240	Weight: 257 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 4-9-11 oc purlins, except end verticals, and 2-0-0 oc purlins (3-10-3 max.): 5-9.
BOT CHORD	Rigid ceiling directly applied or 5-3-0 oc bracing.
WEBS	1 Row at midpt 4-16

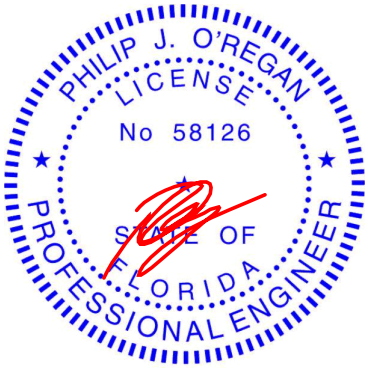
REACTIONS. (size) 2=0-3-1, 16=0-3-8, 11=0-3-8
Max Horz 2=210(LC 11)
Max Uplift 2=-161(LC 22), 16=-106(LC 12), 11=-56(LC 12)
Max Grav 2=49(LC 9), 16=2273(LC 17), 11=1291(LC 18)

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

TOP CHORD	2-3=-220/953, 3-4=-130/895, 4-5=-1370/141, 5-6=-1900/208, 6-7=-1900/208, 7-8=-1447/182, 8-9=-740/131, 9-10=-855/122, 10-11=-1279/120
BOT CHORD	2-16=-757/74, 15-16=-162/622, 14-15=-158/1261, 13-14=-165/1536, 12-13=-138/1144
WEBS	3-16=-392/152, 4-16=-2129/241, 4-15=-1/845, 5-15=-409/109, 5-14=-104/1041, 6-14=-351/116, 7-14=-83/586, 7-13=-640/146, 8-13=-22/632, 8-12=-825/107, 10-12=-77/1102

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 21-10-15, Interior(1) 21-10-15 to 37-10-15, Exterior(2E) 37-10-15 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=106.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A12	Piggyback Base	1	1	T26087689
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:52 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-gCk1aT5UihB7FxvPq5hpJQ3dD9o9nVFA1CztP0yG0d9

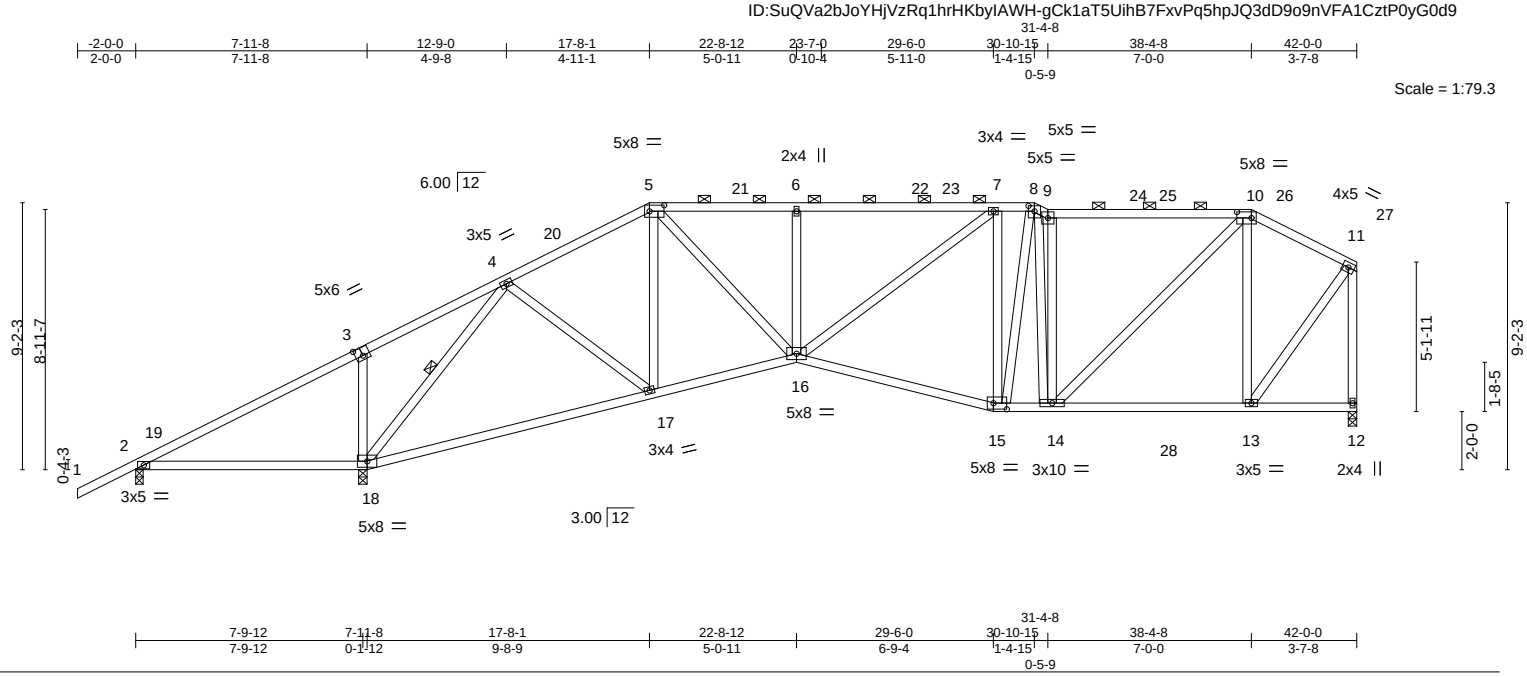


Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [8:0-2-8,0-2-4], [10:0-6-0,0-2-8], [15:0-5-8,0-2-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.84	Vert(LL)	-0.26	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.80	Vert(CT)	-0.53	17-18	>762	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.09	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	16	>999	240	Weight: 276 lb	FT = 20%

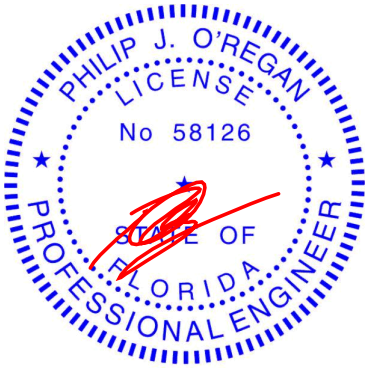
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-8 oc purlins, except end verticals, and 2-0-0 oc purlins (3-0-7 max.): 5-8, 9-10.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 5-1-10 oc bracing: 2-18.
WEBS 1 Row at midpt 4-18

REACTIONS. (size) 2=0-3-1, 18=0-3-8, 12=0-3-8
Max Horz 2=210(LC 11)
Max Uplift 2=-178(LC 22), 18=-109(LC 12), 12=-55(LC 12)
Max Grav 2=50(LC 9), 18=2287(LC 17), 12=1285(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-248/984, 3-4=-158/925, 4-5=-1348/150, 5-6=-1878/244, 6-7=-1878/244, 7-8=-1419/194, 8-9=-1514/224, 9-10=-1363/182, 10-11=-786/129, 11-12=-1262/151
BOT CHORD 2-18=-785/88, 17-18=-167/596, 16-17=-179/1239, 15-16=-203/1504, 14-15=-176/1375, 13-14=-101/662
WEBS 3-18=-393/152, 4-18=-2137/283, 4-17=-22/848, 5-17=-418/125, 5-16=-126/1035, 6-16=-354/117, 7-16=-80/598, 7-15=-580/170, 8-15=-76/360, 8-14=-84/280, 9-14=-811/197, 10-14=-106/1011, 10-13=-662/174, 11-13=-119/1100

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 20-8-1, Interior(1) 20-8-1 to 30-10-15, Exterior(2E) 30-10-15 to 31-4-8, Interior(1) 31-4-8 to 38-4-8, Exterior(2R) 38-4-8 to 41-4-8, Interior(1) 41-4-8 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=109.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 12. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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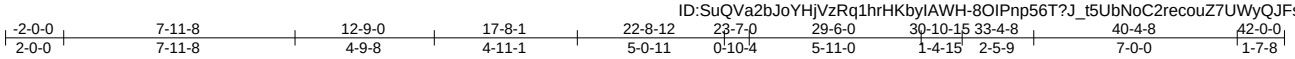
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A13	PIGGYBACK BASE	1	1	T26087690

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:53 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-8OIPnp56T?J_t5UbNoC2recouZ7UWyQJFsiRxSyG0d8



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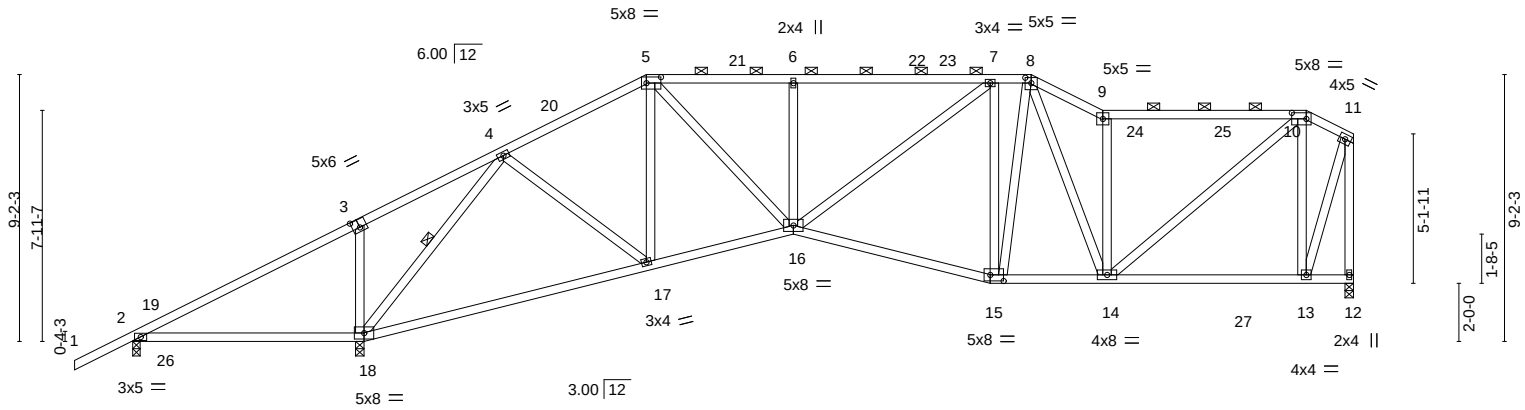


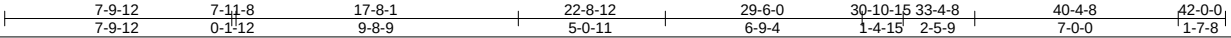


Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [8:0-2-8,0-2-4], [10:0-6-0,0-2-8], [15:0-5-8,0-2-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.85	Vert(LL)	-0.26	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.79	Vert(CT)	-0.54	17-18	>759	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.09	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.26	2-18	>360	240	Weight: 272 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 4-6-1 oc purlins, except end verticals, and 2-0-0 oc purlins (2-11-6 max.): 5-8, 9-10.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 4-11-11 oc bracing: 2-18.
WEBS	1 Row at midpt 4-18

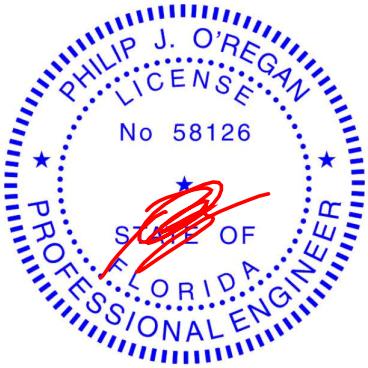
REACTIONS. (size) 2=0-3-1, 18=0-3-8, 12=0-3-8
Max Horz 2=210(LC 11)
Max Uplift 2=-197(LC 22), 18=-183(LC 12), 12=-54(LC 12)
Max Grav 2=41(LC 21), 18=2247(LC 17), 12=1275(LC 19)

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

TOP CHORD	2-3=-248/1026, 3-4=-149/971, 4-5=-1320/133, 5-6=-1840/228, 6-7=-1840/228, 7-8=-1408/190, 8-9=-1645/220, 9-10=-1410/164, 10-11=-461/95, 11-12=-1331/109
BOT CHORD	2-18=-830/79, 17-18=-151/569, 16-17=-166/1215, 15-16=-193/1476, 14-15=-165/1325, 13-14=-69/385
WEBS	3-18=-393/180, 4-18=-2154/253, 4-17=-18/858, 5-17=-427/138, 5-16=-128/1026, 6-16=-353/116, 7-16=-77/594, 7-15=-687/188, 8-15=-82/538, 8-14=-70/344, 9-14=-962/191, 10-14=-131/1325, 10-13=-917/214, 11-13=-132/1226

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 20-8-1, Interior(1) 20-8-1 to 30-10-15, Exterior(2E) 30-10-15 to 33-4-8, Interior(1) 33-4-8 to 40-4-8, Exterior(2E) 40-4-8 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=183.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 12. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Philip J. O'Regan PE No.58126
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Date:
November 29,2021

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A14	PIGGYBACK BASE	1	1	T26087691

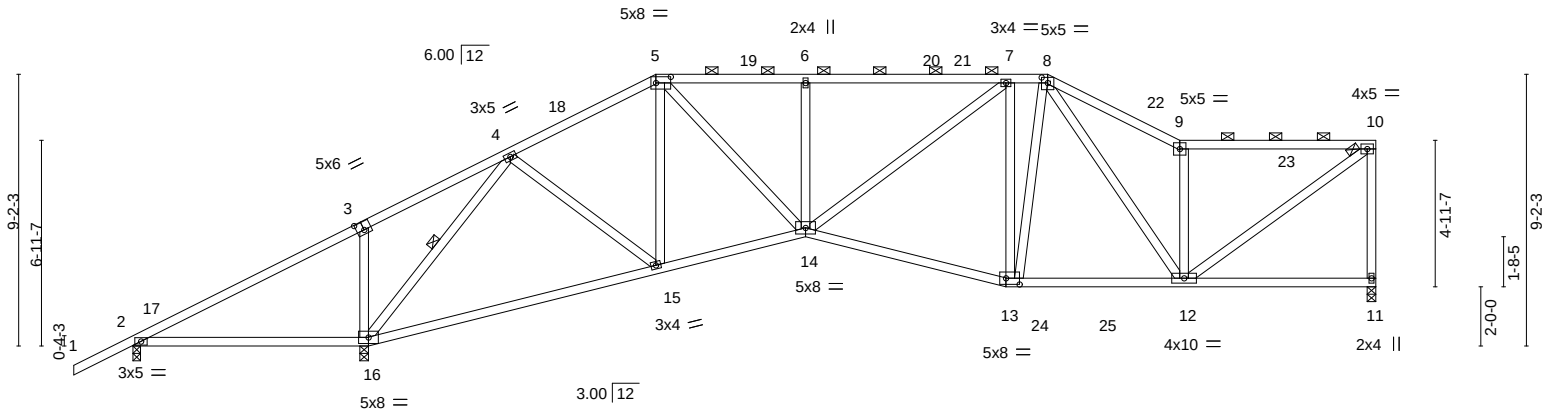
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:54 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-casn?96kEJRrVE3oxWjHOr9_QzTfFPeSUWS_TuyG0d7

-2-0-0	7-11-8	12-9-0	17-8-1	22-8-12	23-7-0	29-6-0	30-10-15	35-4-8	42-0-0
2-0-0	7-11-8	4-9-8	4-11-1	5-0-11	0-10-4	5-11-0	1-4-15	4-5-9	6-7-8

Scale = 1:77.9



7-9-12	7-11-8	17-8-1	22-8-12	29-6-0	30-10-15	35-4-8	42-0-0
7-9-12	0-1-12	9-8-9	5-0-11	6-9-4	1-4-15	4-5-9	6-7-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.80	Vert(LL)	-0.26	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.80	Vert(CT)	-0.54	15-16	>759	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.65	Horz(CT)	0.09	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	14	>999	240	Weight: 254 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 4-5-4 oc purlins, except end verticals, and 2-0-0 oc purlins (3-6-14 max.): 5-8, 9-10.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 4-11-7 oc bracing: 2-16.
WEBS	1 Row at midpt 4-16

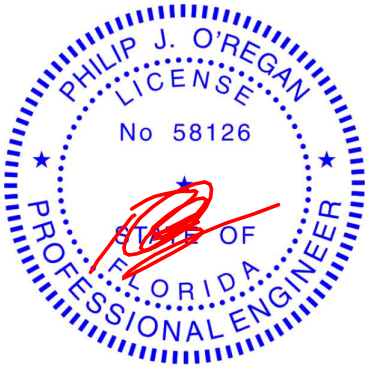
REACTIONS. (size) 11=0-3-8, 2=0-3-1, 16=0-3-8
Max Horz 2=207(LC 11)
Max Uplift 11=-55(LC 12), 2=-194(LC 22), 16=-109(LC 12)
Max Grav 11=1268(LC 19), 2=42(LC 21), 16=2307(LC 17)

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

TOP CHORD	2-3=-241/1026, 3-4=-150/968, 4-5=-1324/157, 5-6=-1852/234, 6-7=-1851/234, 7-8=-1437/211, 8-9=-1722/236, 9-10=-1460/164, 10-11=-1170/149
BOT CHORD	2-16=-833/93, 15-16=-165/570, 14-15=-173/1220, 13-14=-189/1500, 12-13=-164/1343
WEBS	3-16=-393/151, 4-16=-2153/272, 4-15=-17/863, 5-15=-425/121, 5-14=-117/1042, 6-14=-354/117, 7-14=-83/587, 7-13=-682/178, 8-13=-62/561, 8-12=-56/285, 9-12=-1012/204, 10-12=-147/1733

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 20-8-1, Interior(1) 20-8-1 to 30-10-15, Exterior(2R) 30-10-15 to 33-10-15, Interior(1) 33-10-15 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=109.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 11 and 2. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

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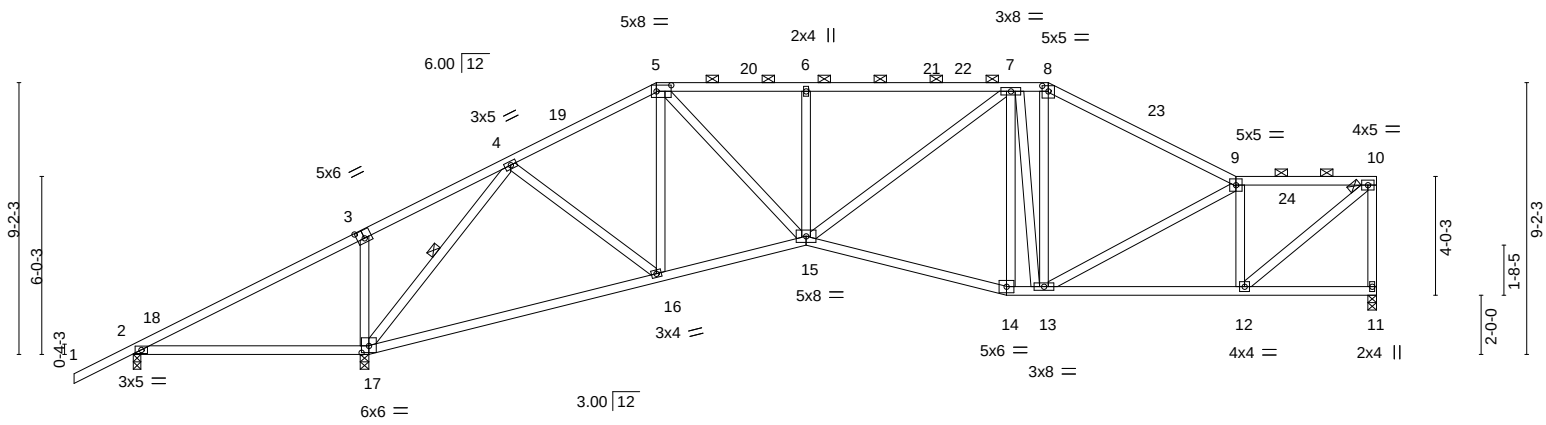
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A15	PIGGYBACK BASE	1	1	T26087692
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:56 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-ZzzXQr8?mwiZkYDA3xlITGEK0m9LjKklyqx5YnyG0d5

-2-0-0	7-11-8	12-9-0	17-8-1	22-8-12	23-7-0	29-6-0	30-10-15	37-3-0	42-0-0
2-0-0	7-11-8	4-9-8	4-11-1	5-0-11	0-10-4	5-11-0	1-4-15	6-4-1	4-9-0

Scale = 1:77.8



7-9-12	7-11-8	17-8-1	22-8-12	29-6-0	30-10-15	37-3-0	42-0-0
7-9-12	0-1-12	9-8-9	5-0-11	6-9-4	1-4-15	6-4-1	4-9-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [8:0-2-8,0-2-4], [17:0-3-0,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.79	Vert(LL)	-0.26	16-17	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.53	16-17	>762	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.09	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	15	>999	240	Weight: 257 lb	FT = 20%

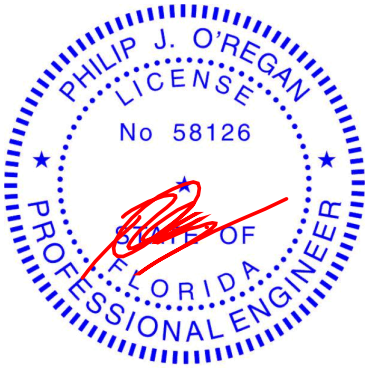
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-15 oc purlins, except end verticals, and 2-0-0 oc purlins (3-10-10 max.): 5-8, 9-10.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-17.
WEBS 1 Row at midpt 4-17

REACTIONS. (size) 11=0-3-8, 2=0-3-1, 17=0-3-8
Max Horz 2=194(LC 11)
Max Uplift 11=-55(LC 12), 2=-183(LC 22), 17=-106(LC 12)
Max Grav 11=1159(LC 1), 2=53(LC 21), 17=2034(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-213/886, 3-4=-123/848, 4-5=-1218/159, 5-6=-1702/238, 6-7=-1702/238, 7-8=-1232/208, 8-9=-1442/187, 9-10=-1227/149, 10-11=-1121/131
BOT CHORD 2-17=-698/89, 16-17=-143/490, 15-16=-144/1062, 14-15=-168/1336, 13-14=-154/1286, 12-13=-143/1262
WEBS 3-17=-393/151, 4-17=-1956/255, 4-16=-8/738, 5-16=-420/114, 5-15=-112/981, 6-15=-354/117, 7-15=-69/575, 7-13=-485/69, 8-13=-14/528, 9-12=-897/170, 10-12=-143/1578

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 20-8-1, Interior(1) 20-8-1 to 30-10-15, Exterior(2R) 30-10-15 to 33-10-15, Interior(1) 33-10-15 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 17=106.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 11 and 2. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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MiTek USA, Inc. FL Cert 6634
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A16	PIGGYBACK BASE	1	1	T26087693

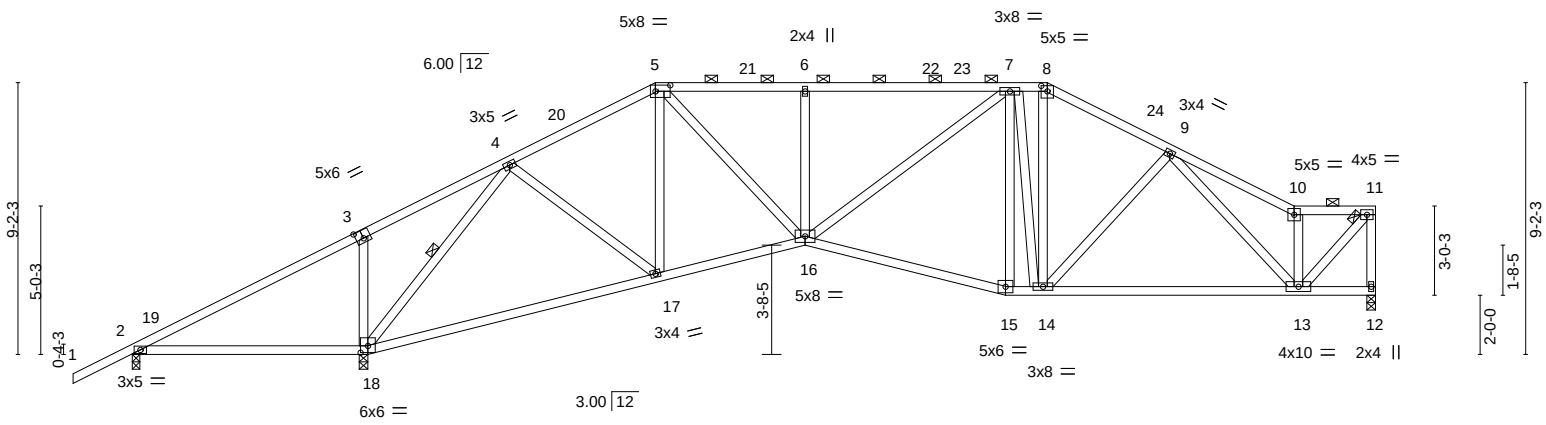
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:57 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-19XwdB8dXEqQMioMceH_0UnVqAVYSn2vAUge4DyG0d4

-2-0-0	7-11-8	12-9-0	17-8-1	22-8-12	23-7-0	29-6-0	30-10-15	35-0-10	39-3-0	42-0-0
2-0-0	7-11-8	4-9-8	4-11-1	5-0-11	0-10-4	5-11-0	1-4-15	4-1-11	4-2-6	2-9-0

Scale = 1:77.8



7-9-12	7-11-8	17-8-1	22-8-12	29-6-0	30-10-15	39-3-0	42-0-0
7-9-12	0-1-12	9-8-9	5-0-11	6-9-4	1-4-15	8-4-1	2-9-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-4], [5:0-6-0,0-2-8], [8:0-2-8,0-2-4], [18:0-3-0,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.79	Vert(LL)	-0.26	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.53	17-18	>763	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.10	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	16	>999	240	Weight: 259 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 4-9-14 oc purlins, except end verticals, and 2-0-0 oc purlins (3-10-9 max.): 5-8, 10-11.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-18,12-13.
WEBS 1 Row at midpt 4-18

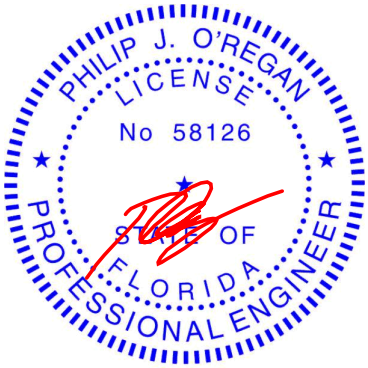
REACTIONS. (size) 12=0-3-8, 2=0-3-1, 18=0-3-8
Max Horz 2=180(LC 11)
Max Uplift 12=-55(LC 12), 2=-173(LC 22), 18=-105(LC 12)
Max Grav 12=1162(LC 1), 2=61(LC 21), 18=2021(LC 1)

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

TOP CHORD 2-3=-187/863, 3-4=-97/825, 4-5=-1228/160, 5-6=-1711/237, 6-7=-1711/237, 7-8=-1233/199, 8-9=-1424/193, 9-10=-1209/144, 10-11=-1007/94, 11-12=-1170/94
BOT CHORD 2-18=-677/87, 17-18=-116/505, 16-17=-110/1071, 15-16=-141/1341, 14-15=-128/1292, 13-14=-152/1291
WEBS 3-18=-393/151, 4-18=-1944/236, 4-17=0/732, 5-17=-415/106, 5-16=-105/981, 6-16=-353/116, 7-16=-53/580, 7-15=-292/49, 7-14=-460/117, 8-14=-73/591, 9-13=-369/90, 10-13=-692/109, 11-13=-96/1489

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-8-1, Exterior(2R) 17-8-1 to 20-8-1, Interior(1) 20-8-1 to 30-10-15, Exterior(2R) 30-10-15 to 33-10-15, Interior(1) 33-10-15 to 41-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 18=105.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 12 and 2. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:
November 29,2021

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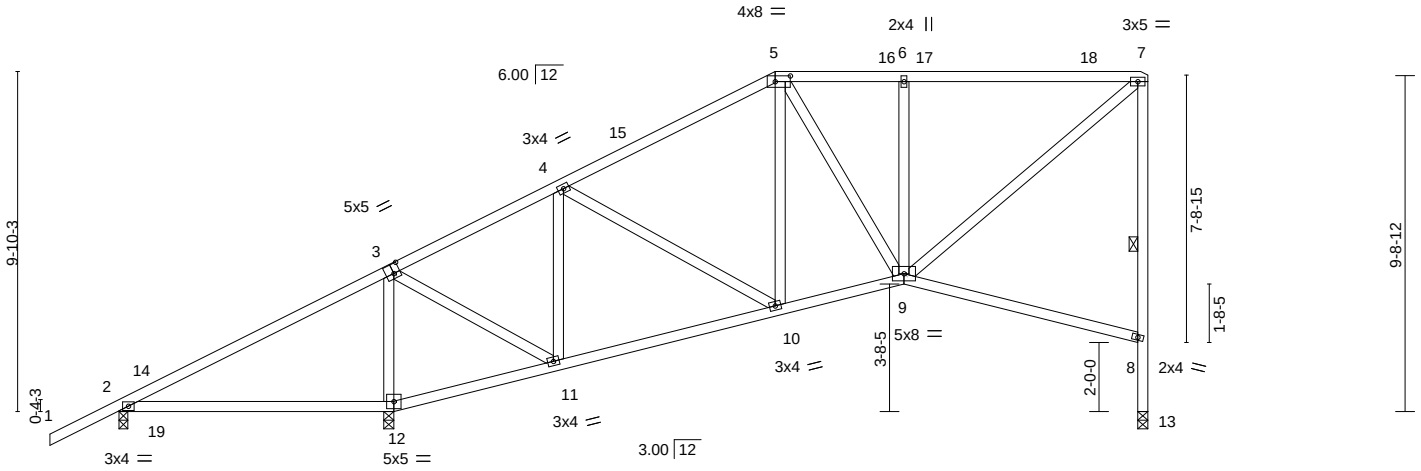
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A17	HALF HIP	1	1	T26087694
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:58 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-VM5IrX9FIXyHzsNZALoDYhJi9aunBJ22P7QCcgyG0d3

-2-0-0	7-11-8	12-8-11	19-0-0	22-8-12	24-3-5	29-7-0	29-9-8
2-0-0	7-11-8	4-9-3	6-3-5	3-8-12	1-6-9	5-3-11	0-2-8

Scale = 1:66.7



VERTICAL LEGS ARE NOT DESIGNED FOR LATERAL LOADS IMPOSED BY SUPPORTS (BEARINGS).

7-9-12	7-11-8	12-8-11	19-0-0	22-8-12	29-9-8
7-9-12	0-1-12	4-9-3	6-3-5	3-8-12	7-0-12

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.69	Vert(LL)	-0.14	2-12	>685	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.59	Vert(CT)	-0.29	2-12	>328	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.10	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.25	2-12	>377	240	Weight: 182 lb	FT = 20%

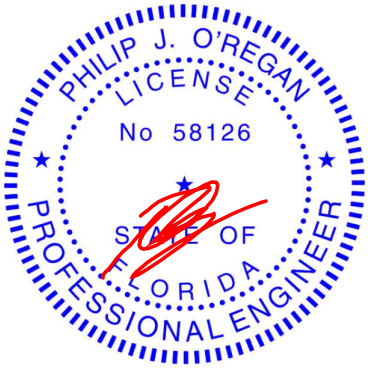
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-13

REACTIONS. (size) 2=0-3-1, 12=0-3-8, 13=0-3-8
Max Horz 2=304(LC 11)
Max Uplift 2=-136(LC 12), 12=-122(LC 12), 13=-64(LC 9)
Max Grav 2=270(LC 1), 12=1281(LC 1), 13=748(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-250/365, 3-4=-552/80, 4-5=-725/99, 5-6=-621/96, 6-7=-621/96, 8-13=-748/96, 7-8=-680/154
BOT CHORD 2-12=-265/37, 11-12=-297/54, 10-11=-207/486, 9-10=-225/602
WEBS 3-12=-1082/240, 3-11=-72/766, 4-11=-441/155, 6-9=-339/117, 7-9=-167/793

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 19-0-0, Exterior(2R) 19-0-0 to 23-2-15, Interior(1) 23-2-15 to 29-7-12 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 13 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) except (jt=lb) 12=122.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 13. This connection is for uplift only and does not consider lateral forces.



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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A18	Half Hip	1	1	T26087695
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:56:59 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-zYfg2tAt3r48b0ylk3JS5vsqU_CqwkYBen9l86yG0d2

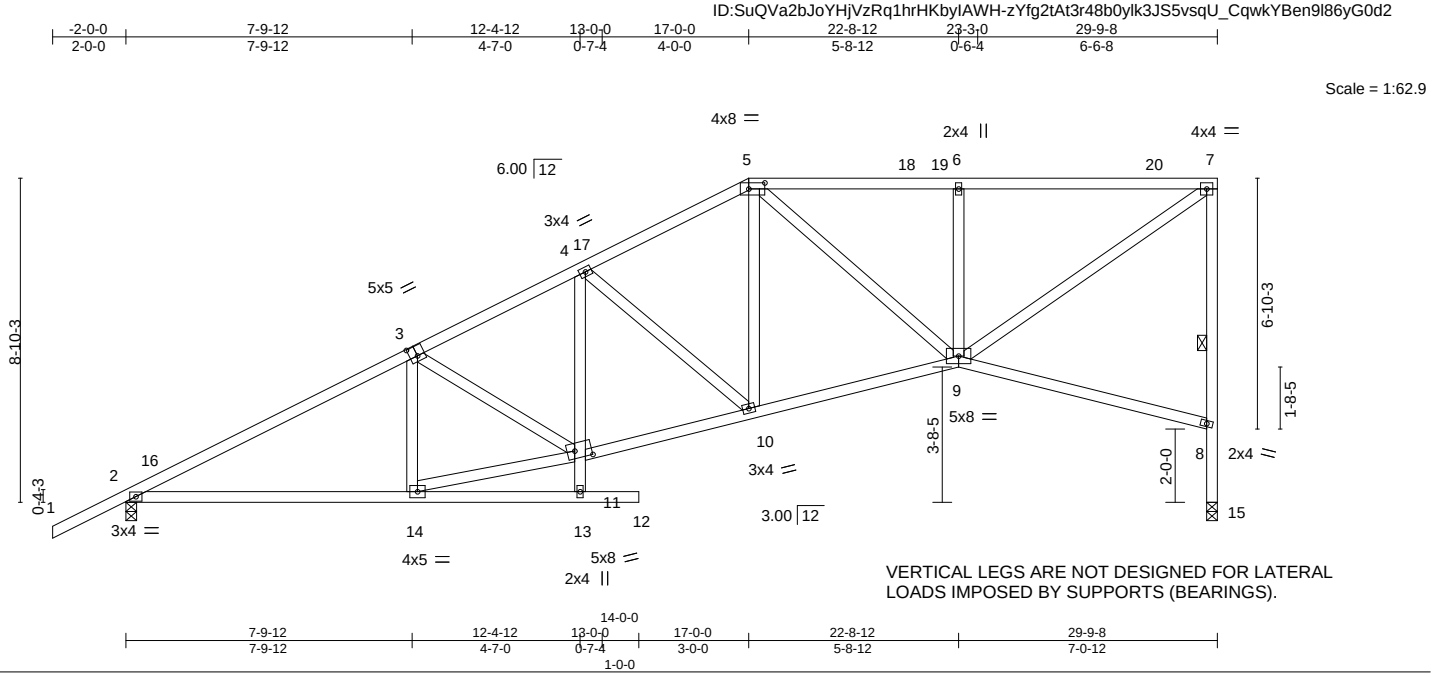


Plate Offsets (X,Y)-- [3:0-2-8,0-3-4], [5:0-5-4,0-2-0], [11:0-5-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.84	Vert(LL)	-0.12	2-14	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.73	Vert(CT)	-0.27	2-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.16	15	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.06	12	>999	240	Weight: 186 lb	FT = 20%

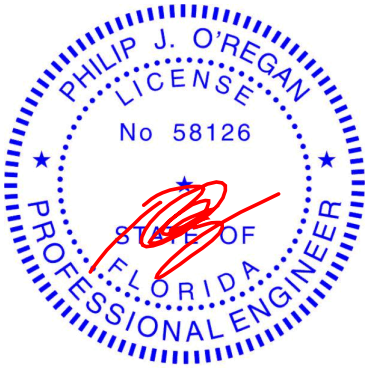
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-15

REACTIONS. (size) 2=0-3-8, 15=0-3-8
Max Horz 2=274(LC 11)
Max Uplift 2=-100(LC 12), 15=-60(LC 9)
Max Grav 2=1229(LC 1), 15=1101(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1960/101, 3-4=-1829/133, 4-5=-1493/129, 5-6=-1259/142, 6-7=-1259/143, 8-15=-1101/118, 7-8=-1034/176
BOT CHORD 2-14=-296/1662, 10-11=-312/1639, 9-10=-280/1348
WEBS 3-14=-250/152, 11-14=-303/1688, 4-10=-380/74, 5-10=0/473, 6-9=-393/127, 7-9=-226/1516, 4-11=0/254

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-0-0, Exterior(2R) 17-0-0 to 21-2-15, Interior(1) 21-2-15 to 29-7-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Bearing at joint(s) 15 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 15. This connection is for uplift only and does not consider lateral forces.



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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A19	Half Hip	1	1	T26087696
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:00 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-RkD2FDBVq9C_D9WxImqhe6P2?OWUfA1LsRvJhYyG0d1

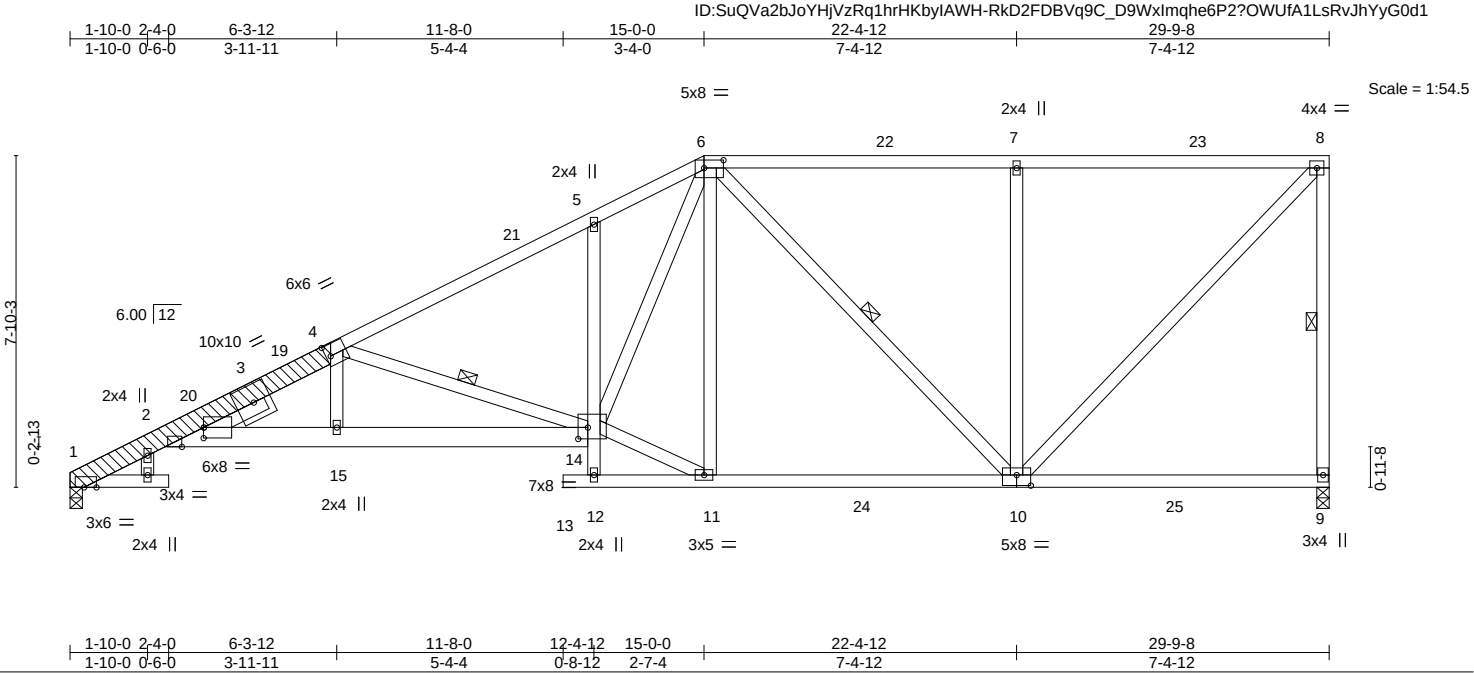


Plate Offsets (X,Y)-- [1:0-3-8,0-0-0], [2:0-6-4,Edge], [2:0-0-1,0-3-0], [4:0-1-4,0-3-4], [6:0-5-8,0-2-4], [10:0-4-0,0-3-0], [14:0-2-12,0-3-4]

LOADING (psf)		SPACING- 2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL 1.15	TC	0.67	Vert(LL)	-0.19	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL 1.15	BC	0.77	Vert(CT)	-0.34	14-15	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.46	Horz(CT)	0.18	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014	Matrix-S		Wind(LL)	0.10	14-15	>999	240	Weight: 223 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x6 SP DSS
BOT CHORD	2x4 SP No.2 *Except* 2-14: 2x6 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x6 SP DSS
LBR SCAB	1-4 2x6 SP DSS one side
SLIDER	Left 2x4 SP No.2 1-7-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-10-7 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 11-12. 10-0-0 oc bracing: 12-14
WEBS	1 Row at midpt 8-9, 4-14, 6-10

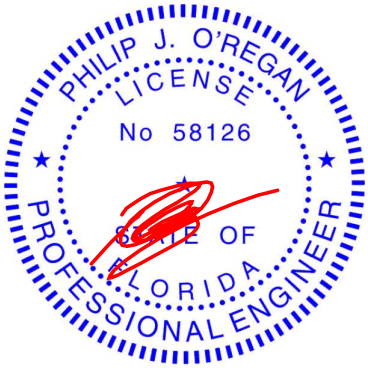
REACTIONS. (size) 1=0-3-8, 9=0-3-8
Max Horz 1=228(LC 11)
Max Uplift 1=-41(LC 12), 9=-54(LC 9)
Max Grav 1=1246(LC 17), 9=1296(LC 17)

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

TOP CHORD	1-2=-644/57, 2-4=-3286/214, 4-5=-2092/163, 5-6=-2036/212, 6-7=-976/159, 7-8=-975/159, 8-9=-1149/157
BOT CHORD	2-15=-480/3205, 14-15=-476/3224, 10-11=-206/1331
WEBS	4-15=0/275, 4-14=-1435/192, 11-14=-181/1383, 6-14=-215/1352, 6-11=-282/133, 6-10=-460/78, 7-10=-460/152, 8-10=-140/1409

NOTES-

1) Attached 7-0-9 scab 1 to 4, front face(s) 2x6 SP DSS with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 1-6-0 from end at joint 1, nail 2 row(s) at 3" o.c. for 5-4-15.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 15-0-0, Exterior(2R) 15-0-0 to 19-2-15, Interior(1) 19-2-15 to 29-7-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 9. This connection is for uplift only and does not consider lateral forces.



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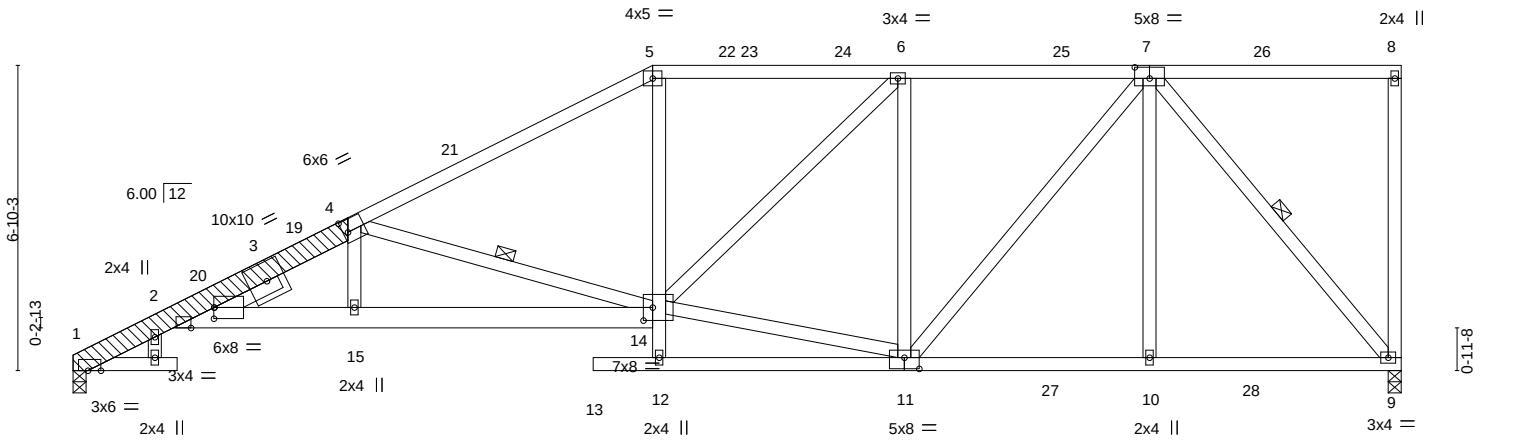
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A20	Half Hip	1	1	T26087697
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:01 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-vxnQTYC7bSKrqJ58rULwAKxFKnseOcGU55esD_yG0d0

1-10-0	2-4-0	6-3-12	13-0-0	18-7-12	24-1-12	29-9-8
1-10-0	0-6-0	3-11-11	6-8-4	5-7-12	5-6-0	5-7-12

Scale = 1:51.7



1-10-0	2-4-0	6-3-12	11-8-0	13-0-0	18-7-12	24-1-12	29-9-8
1-10-0	0-6-0	3-11-11	5-4-4	1-4-0	5-7-12	5-6-0	5-7-12

Plate Offsets (X,Y)-- [1:0-3-8,0-0-0], [2:0-6-4,Edge], [2:0-0-1,0-3-0], [4:0-1-4,0-3-4], [7:0-4-0,0-3-0], [11:0-4-0,0-3-0], [14:0-2-8,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	-0.19	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.77	Vert(CT)	-0.35	14-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.18	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.10	14-15	>999	240	Weight: 221 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x6 SP DSS
BOT CHORD	2x4 SP No.2 *Except* 2-14: 2x6 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x6 SP DSS
LBR SCAB	1-4 2x6 SP DSS one side
SLIDER	Left 2x4 SP No.2 1-7-0

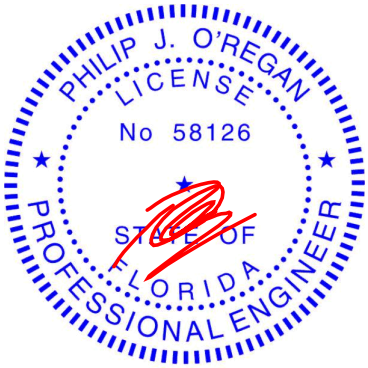
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-8-9 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 4-14, 7-9

REACTIONS. (size) 1=0-3-8, 9=0-3-8
Max Horz 1=198(LC 11)
Max Uplift 1=-37(LC 12), 9=-49(LC 12)
Max Grav 1=1240(LC 17), 9=1272(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-624/55, 2-4=-3298/228, 4-5=-1990/155, 5-6=-1710/166, 6-7=-1360/164
BOT CHORD 2-15=-457/3208, 14-15=-451/3229, 10-11=-124/930, 9-10=-124/930
WEBS 4-15=0/306, 4-14=-1546/215, 6-14=-101/489, 5-14=0/592, 11-14=-176/1360, 6-11=-588/157, 7-11=-75/716, 7-10=0/317, 7-9=-1407/118

NOTES-
1) Attached 7-0-9 scab 1 to 4, front face(s) 2x6 SP DSS with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 1-6-0 from end at joint 1, nail 2 row(s) at 3" o.c. for 5-4-15.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 13-0-0, Exterior(2R) 13-0-0 to 17-2-15, Interior(1) 17-2-15 to 29-7-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 9. This connection is for uplift only and does not consider lateral forces.



Philip J. O'Regan PE No.58126
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Date:
November 29,2021

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

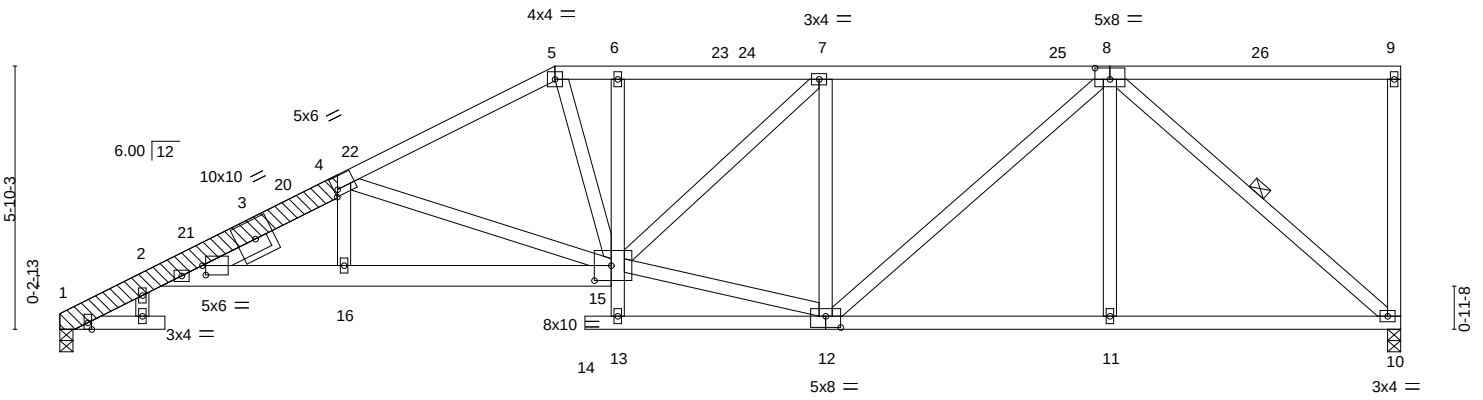
Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A21	Half Hip	1	1	T26087698

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:02 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-N7KoguClMmSiSTgKPBs9jXURaBDr7_neKlOPlRyG0d?

1-10-0	2-4-0	6-3-13	11-0-0	11-8-0	17-0-3	23-3-15	29-9-8
1-10-0	0-6-0	3-11-12	4-8-3	0-8-0	5-4-3	6-3-13	6-5-9

Scale = 1:51.2



1-10-0	2-4-0	6-3-13	11-8-0	12-4-12	17-0-3	23-3-15	29-9-8
1-10-0	0-6-0	3-11-12	5-4-4	0-8-12	4-7-7	6-3-13	6-5-9

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.47	Vert(LL)	-0.16	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.71	Vert(CT)	-0.31	15-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.83	Horz(CT)	0.17	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.10	15-16	>999	240	Weight: 214 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x6 SP DSS
BOT CHORD	2x4 SP No.2 *Except* 2-15: 2x6 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x6 SP DSS
LBR SCAB	1-4 2x6 SP DSS one side
SLIDER	Left 2x4 SP No.2 1-7-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-14 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 10-0-0 oc bracing: 13-15
WEBS	1 Row at midpt 8-10

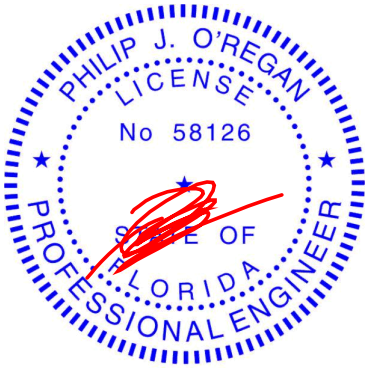
REACTIONS. (size) 1=0-3-8, 10=0-3-8
Max Horz 1=167(LC 11)
Max Uplift 1=-42(LC 12), 10=-51(LC 12)
Max Grav 1=1105(LC 1), 10=1098(LC 1)

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

TOP CHORD	1-2=-508/56, 2-4=-2810/239, 4-5=-1825/170, 5-6=-1759/178, 6-7=-1753/180, 7-8=-1466/174
BOT CHORD	2-16=-419/2660, 15-16=-415/2673, 11-12=-134/1034, 10-11=-134/1034
WEBS	4-16=0/278, 4-15=-1166/178, 5-15=-23/656, 12-15=-176/1407, 7-15=-88/401, 7-12=-586/151, 8-12=-69/575, 8-11=0/281, 8-10=-1357/123

NOTES-

1) Attached 7-0-10 scab 1 to 4, front face(s) 2x6 SP DSS with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 1-6-0 from end at joint 1, nail 2 row(s) at 4" o.c. for 5-5-0.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 11-0-0, Exterior(2R) 11-0-0 to 15-2-15, Interior(1) 15-2-15 to 29-7-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2x4 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) 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.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 10. This connection is for uplift only and does not consider lateral forces.



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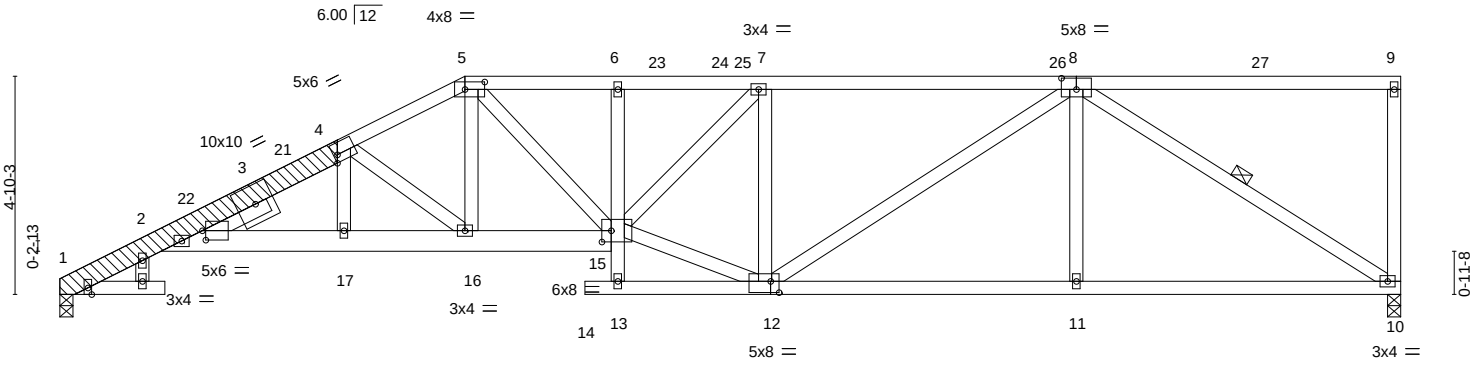
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A22	Half Hip	1	1	T26087699
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:04 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-KWSZ5aE0uNiQhnqjXcvdoyZkE?vQby?xn3tWpJyG0cz

1-10-0	2-4-0	6-3-12	9-0-0	11-8-0	15-6-5	22-7-0	29-9-8
1-10-0	0-6-0	3-11-12	2-8-4	2-8-0	3-10-5	7-0-12	7-2-8

Scale = 1:51.2



1-10-0	2-4-0	6-3-12	9-0-0	11-8-0	12-4-12	15-6-5	22-7-0	29-9-8
1-10-0	0-6-0	3-11-12	2-8-4	2-8-0	0-8-12	3-1-9	7-0-12	7-2-8

Plate Offsets (X,Y)-- [2:0-0-15,0-2-8], [4:Edge,0-2-0], [5:0-5-4,0-2-0], [8:0-4-0,0-3-0], [12:0-2-4,0-3-0], [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	1.15	TC	0.59	Vert(LL)	-0.18	14	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.70	Vert(CT)	-0.33	14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.18	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.11	14	>999	240	Weight: 204 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x6 SP DSS
BOT CHORD	2x4 SP No.2 *Except* 2-15: 2x6 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x6 SP DSS
LBR SCAB	1-4 2x6 SP DSS one side
SLIDER	Left 2x4 SP No.2 1-7-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-8-1 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 10-0-0 oc bracing: 13-15
WEBS	1 Row at midpt 8-10

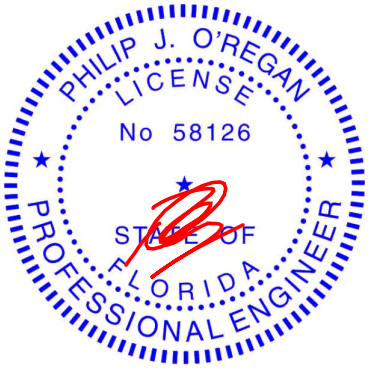
REACTIONS. (size) 10=0-3-8, 1=0-3-8
Max Horz 1=137(LC 11)
Max Uplift 10=-50(LC 12), 1=-43(LC 12)
Max Grav 10=1098(LC 1), 1=1105(LC 1)

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

TOP CHORD	1-2=-490/56, 2-4=-2776/246, 4-5=-2236/206, 5-6=-2238/200, 6-7=-2220/198, 7-8=-1815/181
BOT CHORD	2-17=-380/2625, 16-17=-378/2633, 15-16=-264/1968, 11-12=-145/1374, 10-11=-145/1374
WEBS	4-16=-834/140, 5-16=-46/579, 5-15=-27/388, 12-15=-182/1751, 7-15=-87/567, 7-12=-715/151, 8-12=-57/531, 8-11=0/310, 8-10=-1604/131

NOTES-

1) Attached 7-0-9 scab 1 to 4, front face(s) 2x6 SP DSS with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 0-0-4 from end at joint 4, nail 2 row(s) at 3" o.c. for 5-4-15.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 9-0-0, Exterior(2R) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 29-7-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2x4 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) 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.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 1. This connection is for uplift only and does not consider lateral forces.



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6904 Parke East Blvd.
Tampa, FL 36610

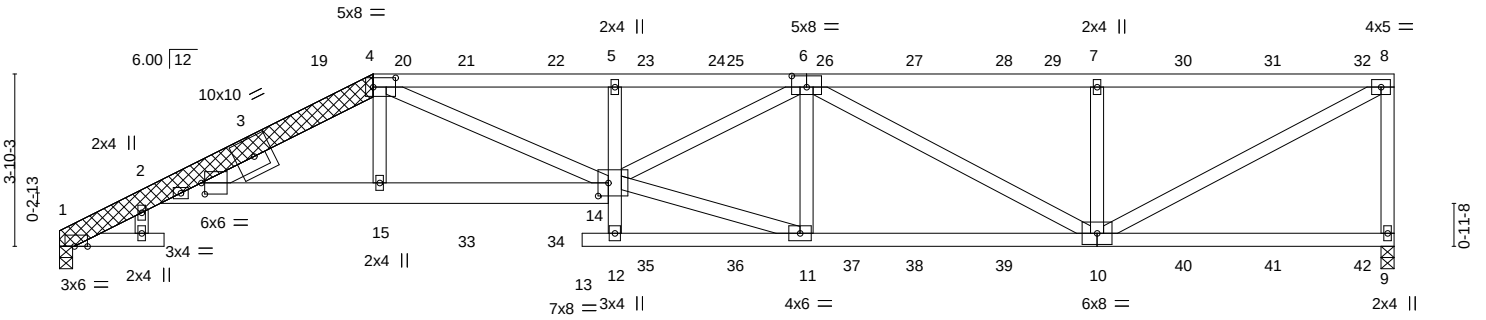
Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	A23	Half Hip Girder	1	2	T26087700

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:06 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-GuaJWGFGP?y8x4_5e1x5tNe4RoZ13sHDFNMdtCyG0cx

1-10-0 2-4-0 7-0-0 11-8-0 16-8-2 23-1-15 29-9-8
1-10-0 0-6-0 4-8-0 4-8-0 5-0-2 6-5-13 6-7-9

Scale = 1:51.4



1-10-0 2-4-0 7-0-0 11-8-0 12-4-12 16-8-2 23-1-15 29-9-8
1-10-0 0-6-0 4-8-0 4-8-0 0-8-12 4-3-6 6-5-13 6-7-9

Plate Offsets (X,Y)-- [1:0-3-8,0-0-0], [2:0-0-15,0-3-0], [4:0-6-0,0-2-8], [6:0-4-0,0-3-0], [14:0-2-12,0-3-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.25	13	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.48	13	>738	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.54	Horz(CT)	0.20	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.15	13	>999	240	Weight: 421 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x6 SP DSS
BOT CHORD	2x4 SP No.2 *Except* 2-14: 2x6 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x6 SP DSS
LBR SCAB	1-4 2x6 SP DSS both sides
SLIDER	Left 2x4 SP No.2 1-7-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-3-2 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing. Except: 10-0-0 oc bracing: 12-14

REACTIONS. (size) 1=0-3-8, 9=0-3-8
Max Horz 1=107(LC 18)
Max Uplift 1=-27(LC 8), 9=-147(LC 8)
Max Grav 1=2085(LC 1), 9=2345(LC 1)

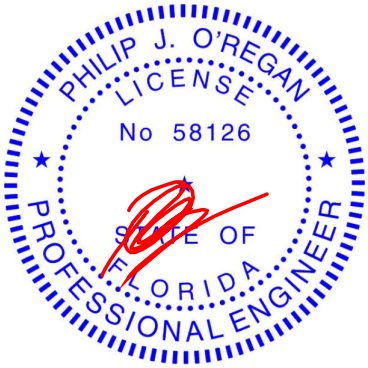
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-906/19, 2-4=-5594/59, 4-5=-6639/256, 5-6=-6532/252, 6-7=-3452/233, 7-8=-3452/233, 8-9=-2200/227
BOT CHORD	2-15=-39/5242, 14-15=-27/5287, 5-14=-387/162, 11-12=-26/544, 10-11=-209/4841
WEBS	4-15=0/830, 4-14=-208/1482, 11-14=-192/4423, 6-14=0/1961, 6-11=-838/193, 6-10=-1585/32, 7-10=-783/285, 8-10=-220/3858

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Attached 7-11-12 scab 1 to 4, both face(s) 2x6 SP DSS with 2 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 1-6-0 from end at joint 1, nail 2 row(s) at 4" o.c. for 2-0-0; starting at 4-0-1 from end at joint 1, nail 2 row(s) at 7" o.c. for 3-10-2.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

Continued on page 2



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Tampa, FL 36610

NOTES-

10) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 9. This connection is for uplift only and does not consider lateral forces.

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 94 lb down and 60 lb up at 7-0-0, 94 lb down and 57 lb up at 9-0-12, 94 lb down and 57 lb up at 11-0-12, 111 lb down and 77 lb up at 13-0-12, 111 lb down and 77 lb up at 15-0-12, 111 lb down and 77 lb up at 17-0-12, 111 lb down and 77 lb up at 19-0-12, 111 lb down and 77 lb up at 21-0-12, 111 lb down and 77 lb up at 23-0-12, 111 lb down and 77 lb up at 25-0-12, and 111 lb down and 77 lb up at 27-0-12, and 122 lb down and 74 lb up at 29-0-12 on top chord, and 364 lb down at 7-0-0, 79 lb down at 9-0-12, 79 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 21-0-12, 96 lb down at 23-0-12, 96 lb down at 25-0-12, and 96 lb down at 27-0-12, and 104 lb down at 29-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-2=-76, 2-4=-54, 4-8=-54, 2-14=-20, 12-13=-20, 9-12=-20
   Concentrated Loads (lb)
   Vert: 4=-94(B) 15=-364(B) 10=-48(B) 7=-111(B) 21=-94(B) 22=-94(B) 23=-111(B) 25=-111(B) 26=-111(B) 27=-111(B) 28=-111(B) 30=-111(B) 31=-111(B) 32=-122(B) 33=-68(B) 34=-68(B) 35=-48(B) 36=-48(B) 37=-48(B) 38=-48(B) 39=-48(B) 40=-48(B) 41=-48(B) 42=-52(B)

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	B01	HIP GIRDER	1	2	T26087701

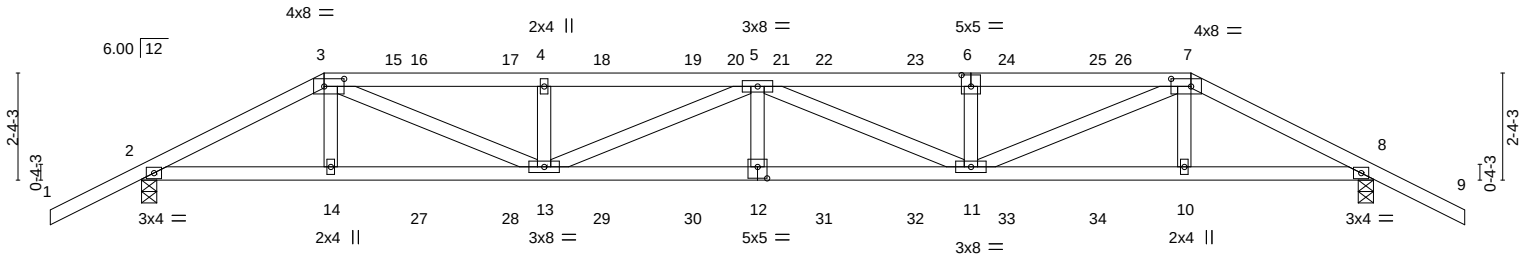
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:09 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-gTGS8HI8ivKjoYigJ9UoV0Gg10ebGICgxLaHUXyG0cu

-2-0-0	4-0-0	8-9-14	13-6-0	18-2-2	23-0-0	27-0-0	29-0-0
2-0-0	4-0-0	4-9-14	4-8-2	4-8-2	4-9-14	4-0-0	2-0-0

Scale = 1:50.5



4-0-0	8-9-14	13-6-0	18-2-2	23-0-0	27-0-0
4-0-0	4-9-14	4-8-2	4-8-2	4-9-14	4-0-0

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	-0.14	12	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.28	12	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.21	Horz(CT)	0.06	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.17	12	>999	240	Weight: 260 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.

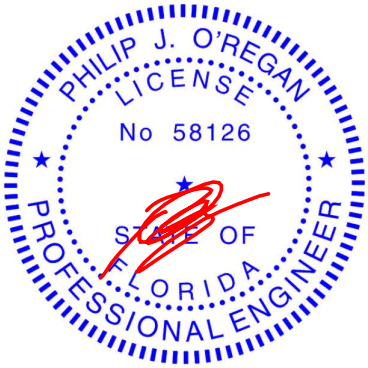
REACTIONS. (size) 2=0-4-0, 8=0-4-0
Max Horz 2=50(LC 7)
Max Uplift 2=-419(LC 8), 8=-429(LC 8)
Max Grav 2=1314(LC 1), 8=1331(LC 1)

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

TOP CHORD 2-3=-2259/650, 3-4=-3520/1049, 4-5=-3520/1049, 5-6=-3536/1059, 6-7=-3536/1059, 7-8=-2295/672
BOT CHORD 2-14=-502/1944, 13-14=-504/1953, 12-13=-1114/4020, 11-12=-1114/4020, 10-11=-534/1985, 8-10=-531/1976
WEBS 3-14=-48/254, 3-13=-500/1718, 4-13=-312/94, 5-13=-557/166, 5-12=-38/288, 5-11=-529/152, 6-11=-312/94, 7-11=-489/1691, 7-10=-48/253

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 8. This connection is for uplift only and does not consider lateral forces.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

Continued on page 2

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Tampa, FL 36610

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 51 lb down and 38 lb up at 4-0-0, 51 lb down and 34 lb up at 6-0-12, 51 lb down and 34 lb up at 8-0-12, 51 lb down and 34 lb up at 10-0-12, 51 lb down and 34 lb up at 12-0-12, 51 lb down and 34 lb up at 13-6-0, 51 lb down and 34 lb up at 14-11-4, 51 lb down and 34 lb up at 16-11-4, 51 lb down and 34 lb up at 18-11-4, and 51 lb down and 34 lb up at 20-11-4, and 125 lb down and 101 lb up at 23-0-0 on top chord, and 98 lb down and 36 lb up at 4-0-0, 36 lb down and 13 lb up at 6-0-12, 36 lb down and 13 lb up at 8-0-12, 36 lb down and 13 lb up at 10-0-12, 36 lb down and 13 lb up at 12-0-12, 36 lb down and 13 lb up at 13-6-0, 36 lb down and 13 lb up at 14-11-4, 36 lb down and 13 lb up at 16-11-4, 36 lb down and 13 lb up at 18-11-4, and 36 lb down and 13 lb up at 20-11-4, and 98 lb down and 36 lb up at 22-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-7=-54, 7-9=-54, 2-8=-20
   Concentrated Loads (lb)
   Vert: 3=-17(F) 7=-41(F) 14=-32(F) 12=-18(F) 5=-17(F) 10=-32(F) 16=-17(F) 17=-17(F) 18=-17(F) 19=-17(F) 22=-17(F) 23=-17(F) 24=-17(F) 25=-17(F) 27=-18(F) 28=-18(F) 29=-18(F) 30=-18(F) 31=-18(F) 32=-18(F) 33=-18(F) 34=-18(F)

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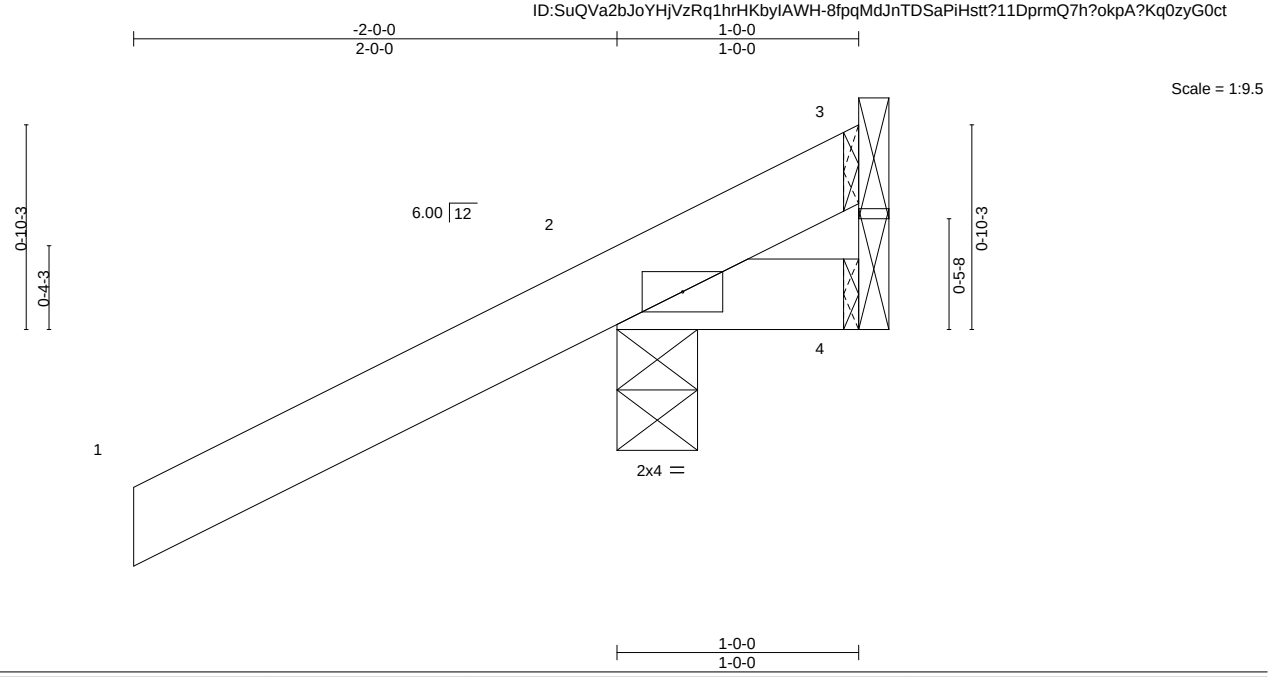
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	C1	Corner Jack	16	1	T26087702
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:10 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-8fpqMdJnTDSaPiHstt?11DprmQ7h?okpA?Kq0zyG0ct



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.26	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	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 FBC2020/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 7 lb	FT = 20%

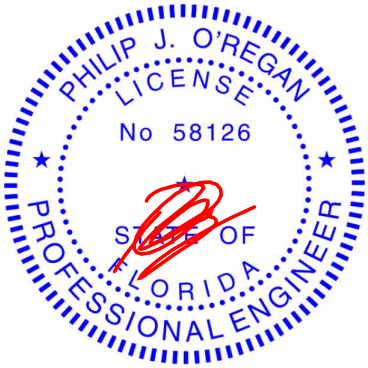
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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, 2=0-4-0, 4=Mechanical
Max Horz 2=48(LC 12)
Max Uplift 3=-91(LC 1), 2=-135(LC 12)
Max Grav 3=68(LC 12), 2=262(LC 1), 4=19(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

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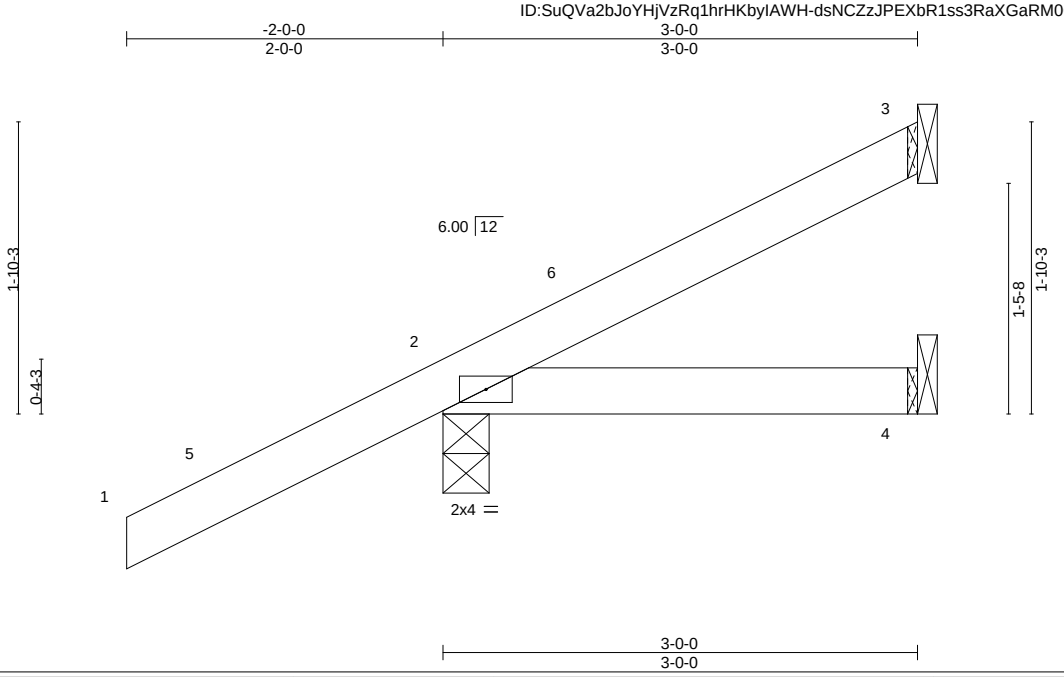
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	C3	Corner Jack	12	1	T26087703

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:11 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-dsNCZzJPEXbR1ss3RaXGaRM0QpShkF_zOf3OZPyG0cs



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	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 FBC2020/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 13 lb	FT = 20%

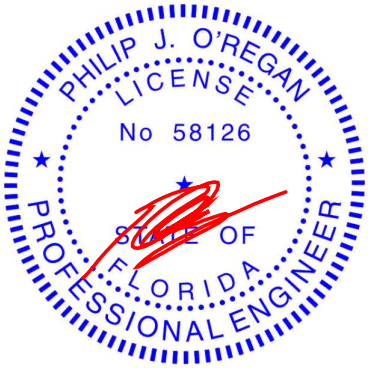
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=-85(LC 12)
Max Grav 3=33(LC 17), 2=264(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 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 2-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



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Date:
November 29,2021

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	C3A	Corner Jack	2	1	T26087704
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:11 2021 Page 1
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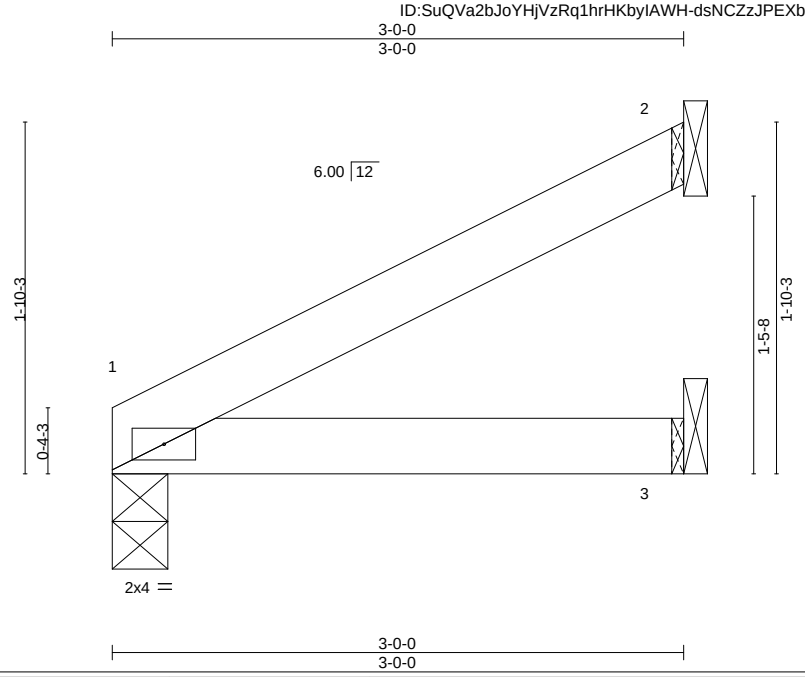


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	-0.00	1-3	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	-0.01	1-3	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P		Wind(LL)	0.00	1	****	240	Weight: 10 lb	FT = 20%

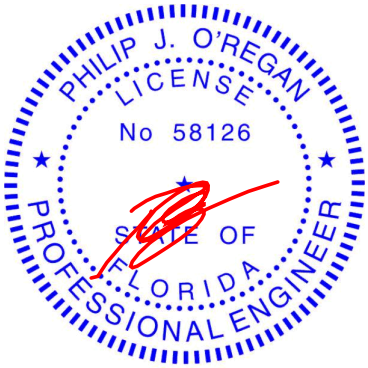
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-0 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=36(LC 12)
Max Uplift 2=-31(LC 12)
Max Grav 1=103(LC 1), 2=75(LC 1), 3=56(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 3. This connection is for uplift only and does not consider lateral forces.



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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	C3T	Corner Jack	2	1	T26087705

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:12 2021 Page 1

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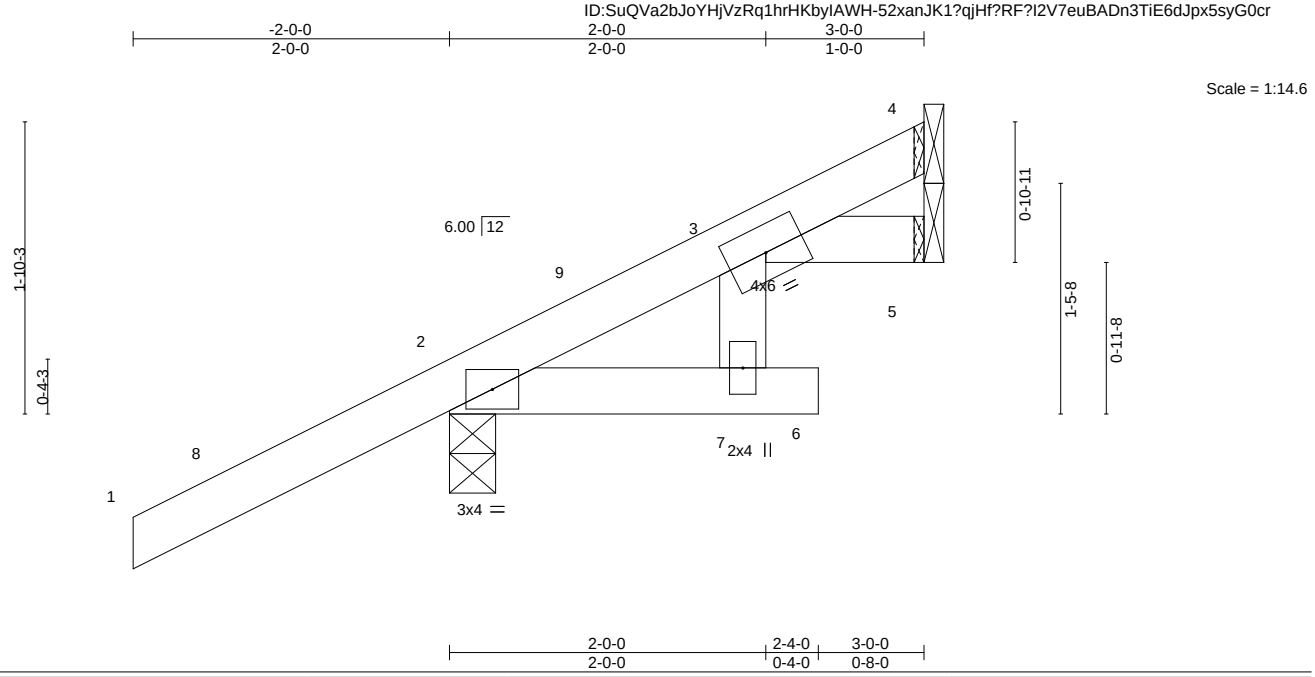


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.00	7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	-0.01	6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-R		Wind(LL)	-0.01	6	>999	240	Weight: 15 lb	FT = 20%

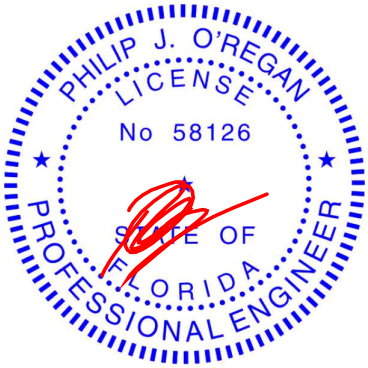
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=71(LC 12)
Max Uplift 4=-2(LC 9), 2=-83(LC 12)
Max Grav 4=39(LC 17), 2=267(LC 1), 5=45(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 2-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4.
7) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5. This connection is for uplift only and does not consider lateral forces.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	C5	Jack-Open	7	1	T26087706

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:13 2021 Page 1
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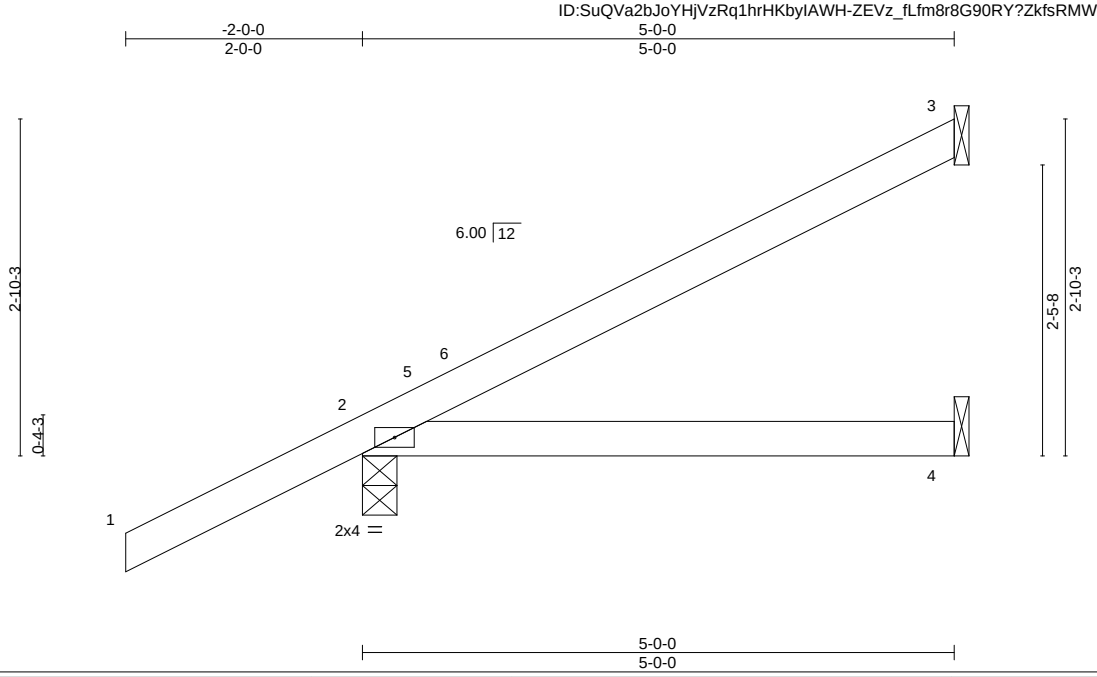


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.28	Vert(CT)	-0.06	2-4	>909	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 19 lb	FT = 20%

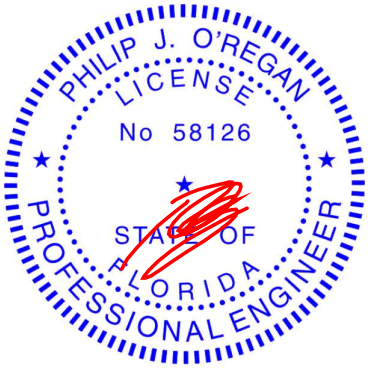
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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, 2=0-3-8, 4=Mechanical
Max Horz 2=95(LC 12)
Max Uplift 3=-36(LC 12), 2=-71(LC 12)
Max Grav 3=103(LC 1), 2=319(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 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4. This connection is for uplift only and does not consider lateral forces.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	C5A	Corner Jack	1	1	T26087707

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:13 2021 Page 1

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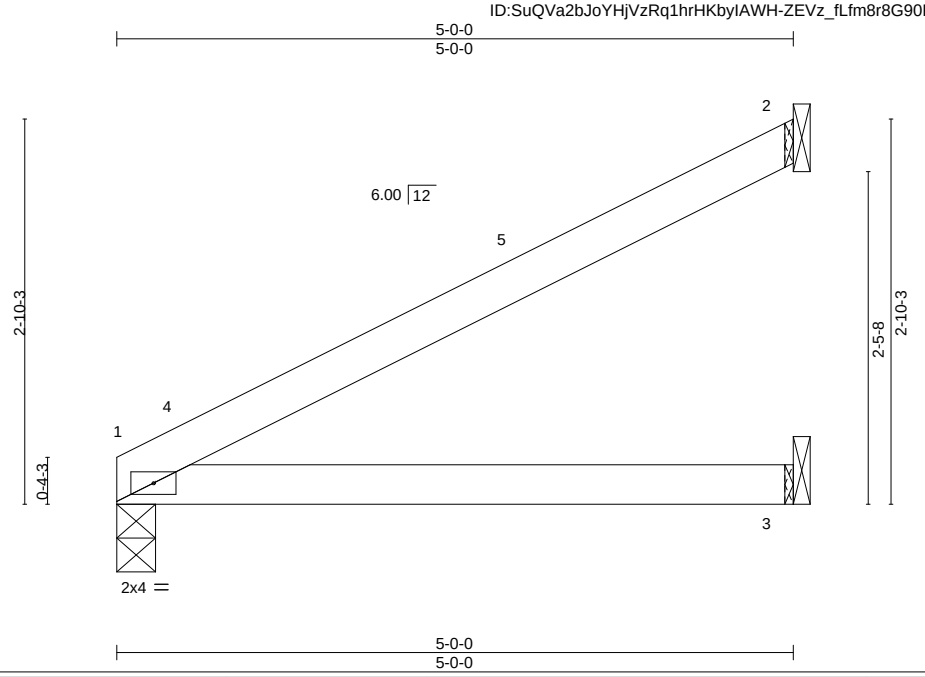


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	-0.03	1-3	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.28	Vert(CT)	-0.06	1-3	>908	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P		Wind(LL)	0.00	1	****	240	Weight: 16 lb	FT = 20%

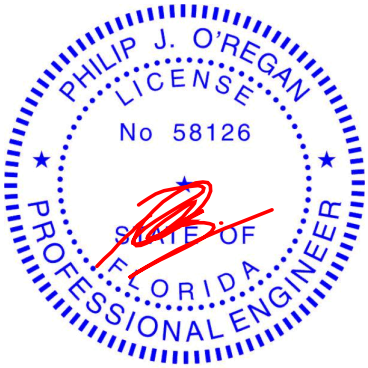
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-3-7, 2=Mechanical, 3=Mechanical
Max Horz 1=60(LC 12)
Max Uplift 2=-53(LC 12)
Max Grav 1=177(LC 1), 2=129(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 7-16; 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 Exterior(2E) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 3. This connection is for uplift only and does not consider lateral forces.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
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MiTek
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	C5T	Corner Jack	2	1	T26087708

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:14 2021 Page 1
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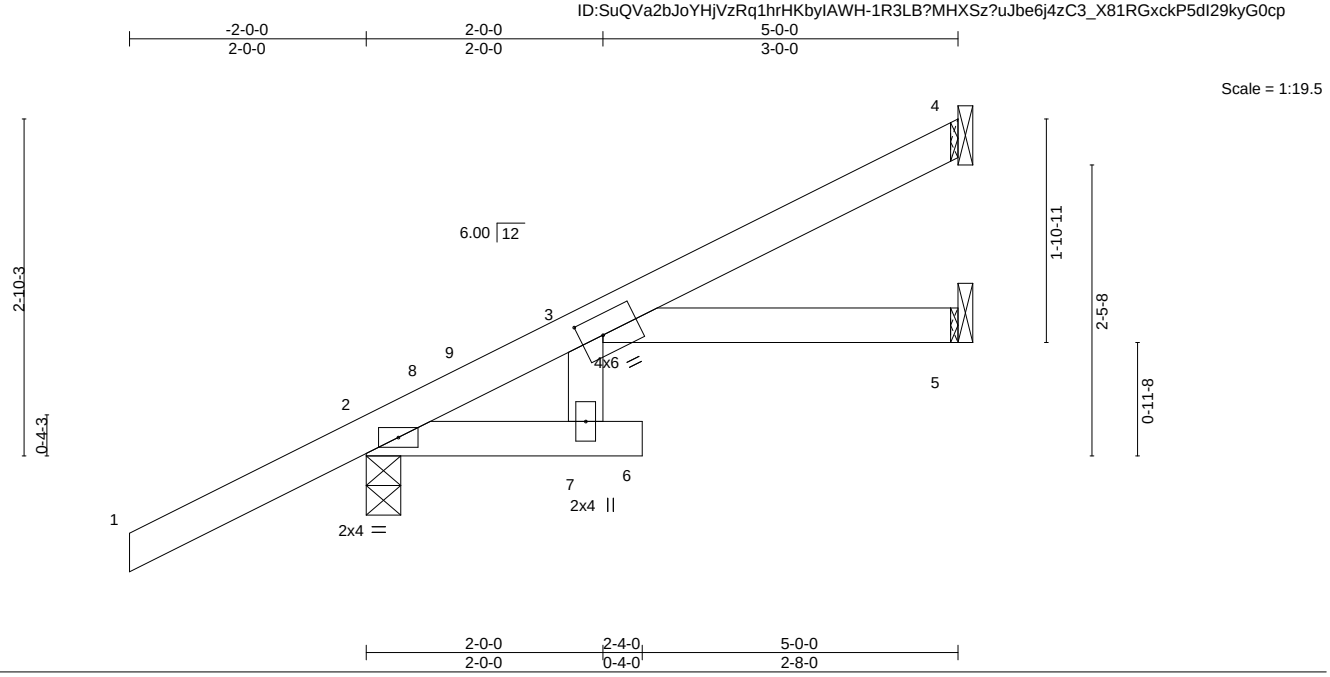


Plate Offsets (X,Y)-- [3:0-2-4,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	-0.03	6	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.22	Vert(CT)	-0.06	6	>915	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-R		Wind(LL)	0.04	6	>999	240	Weight: 21 lb	FT = 20%

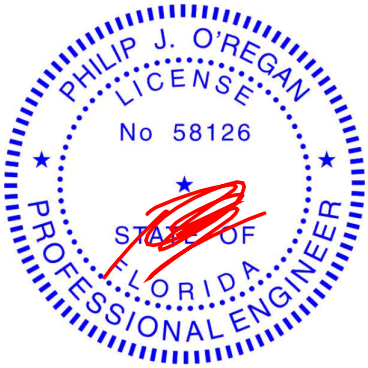
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=95(LC 12)
Max Uplift 4=-22(LC 12), 2=-67(LC 12)
Max Grav 4=95(LC 1), 2=325(LC 1), 5=82(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4.
7) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5. This connection is for uplift only and does not consider lateral forces.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



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Date:
November 29,2021

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	D01	Common Girder	1	2	T26087709

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:15 2021 Page 1

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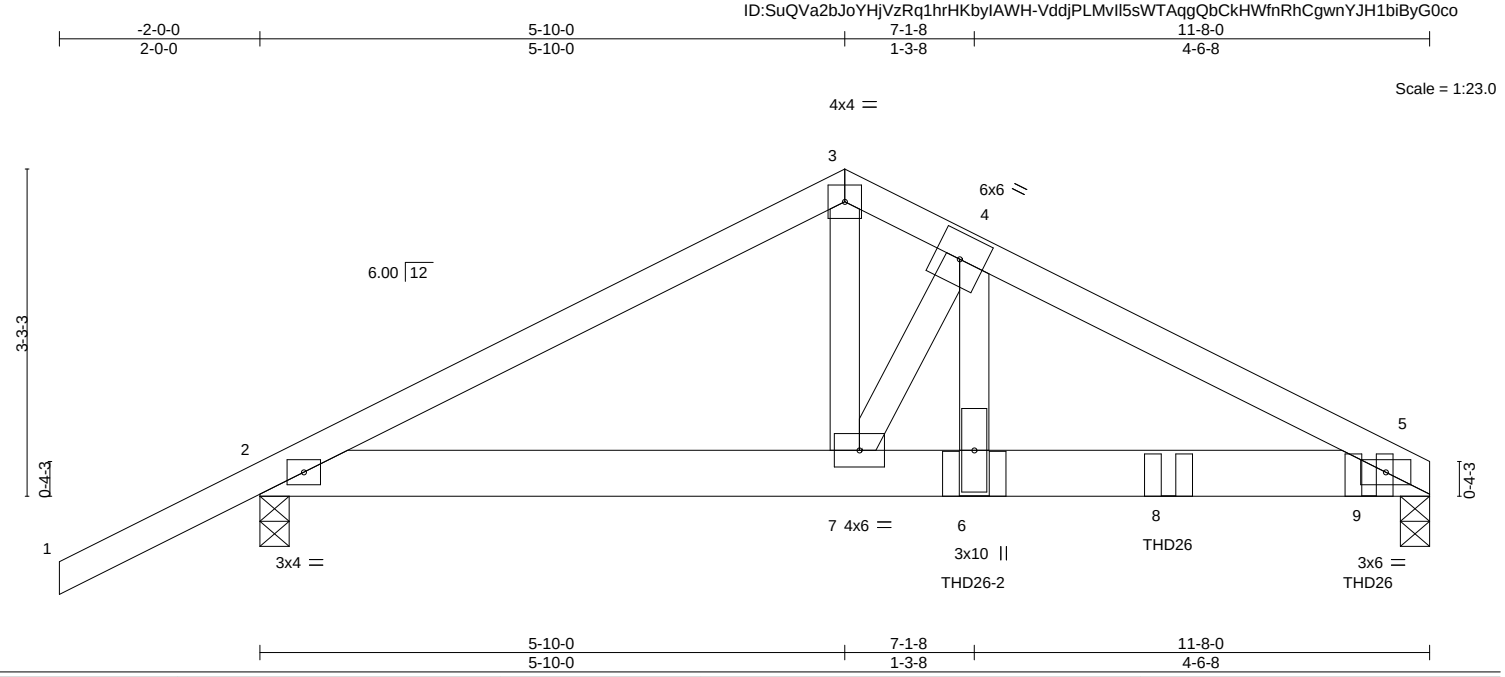


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.50	Vert(LL)	-0.07	5-6	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.63	Vert(CT)	-0.12	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.59	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-S		Wind(LL)	0.04	5-6	>999	240	Weight: 120 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP DSS
WEBS 2x4 SP No.2

BRACING-

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

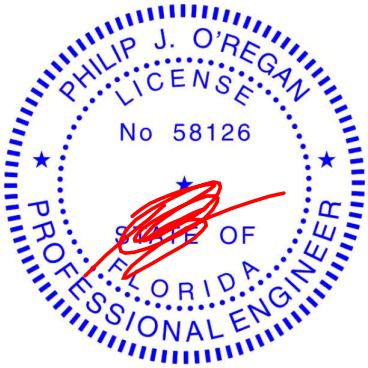
REACTIONS. (size) 5=0-3-8, 2=0-3-8
Max Horz 2=61(LC 24)
Max Uplift 5=-326(LC 8), 2=-216(LC 8)
Max Grav 5=5108(LC 1), 2=2224(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4256/297, 3-4=-4161/314, 4-5=-6670/477
BOT CHORD 2-7=-216/3733, 6-7=-392/5919, 5-6=-392/5919
WEBS 3-7=-224/3538, 4-7=-4402/350, 4-6=-334/4798

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-2-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 2. This connection is for uplift only and does not consider lateral forces.
9) Use MiTek THD26-2 (With 18-16d nails into Girder & 12-10d nails into Truss) or equivalent at 7-1-8 from the left end to connect truss(es) to back face of bottom chord.
10) Use MiTek THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 9-0-12 from the left end to 11-0-12 to connect truss(es) to back face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard



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Continued on page 2

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Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-5=-54, 2-5=-20
   Concentrated Loads (lb)
   Vert: 6=-3328(B) 8=-1520(B) 9=-1526(B)

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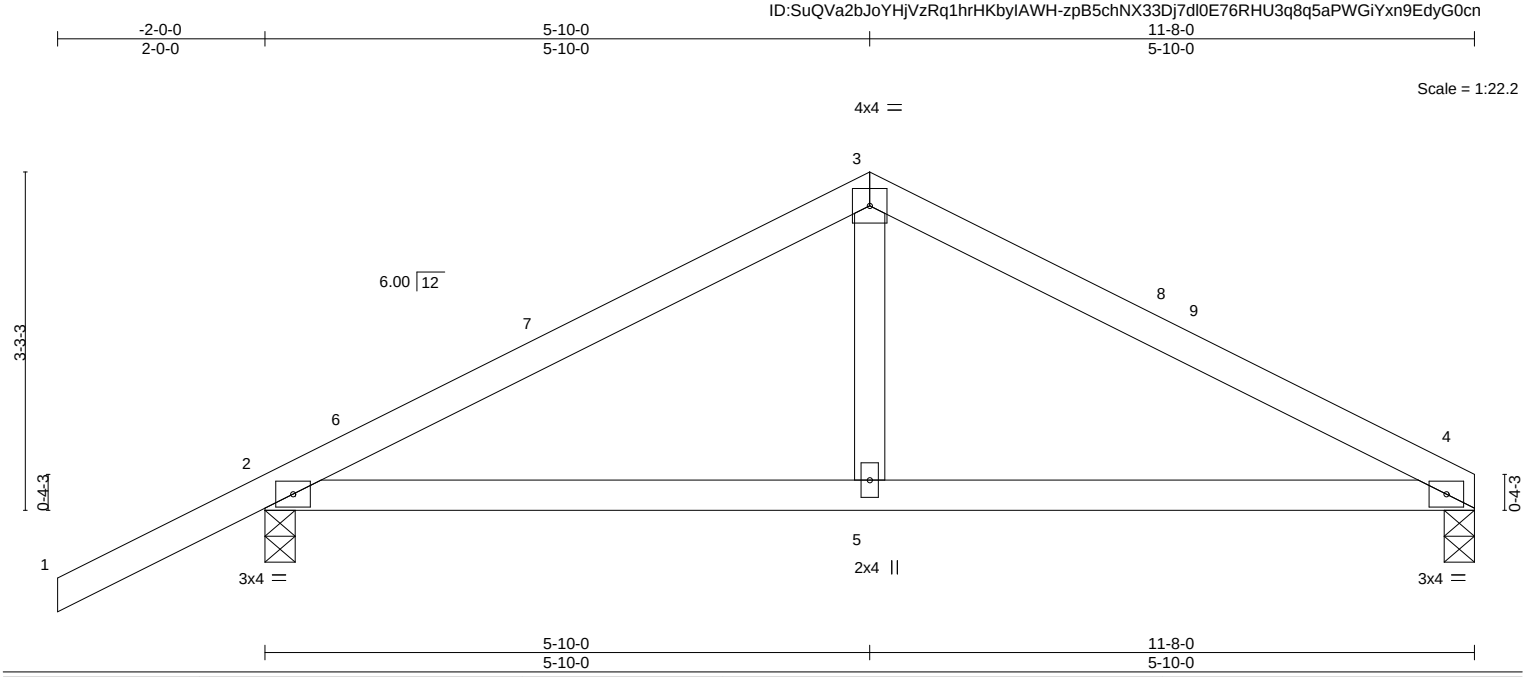
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	D02	Common	1	1	T26087710

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:16 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-zpB5chNX33Dj7dl0E76RHU3q8q5aPWGiYxn9EdyG0cn



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.46	Vert(LL)	-0.03	4-5	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.36	Vert(CT)	-0.06	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.02	4-5	>999	240	Weight: 44 lb	FT = 20%

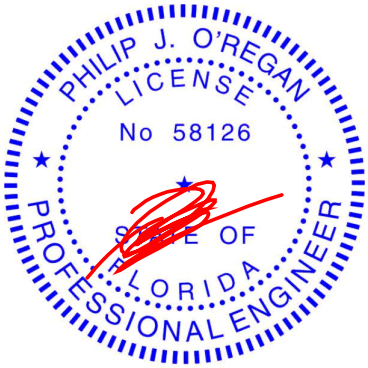
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 4=0-3-8, 2=0-3-8
Max Horz 2=61(LC 11)
Max Uplift 4=-13(LC 12), 2=-88(LC 12)
Max Grav 4=410(LC 1), 2=548(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-575/151, 3-4=-568/160
BOT CHORD 2-5=-73/445, 4-5=-73/445
WEBS 3-5=0/272

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 5-10-0, Exterior(2R) 5-10-0 to 8-10-0, Interior(1) 8-10-0 to 11-6-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



Philip J. O'Regan PE No.58126
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Date:
November 29,2021

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	D03	Hip Girder	1	1	T26087711

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:17 2021 Page 1

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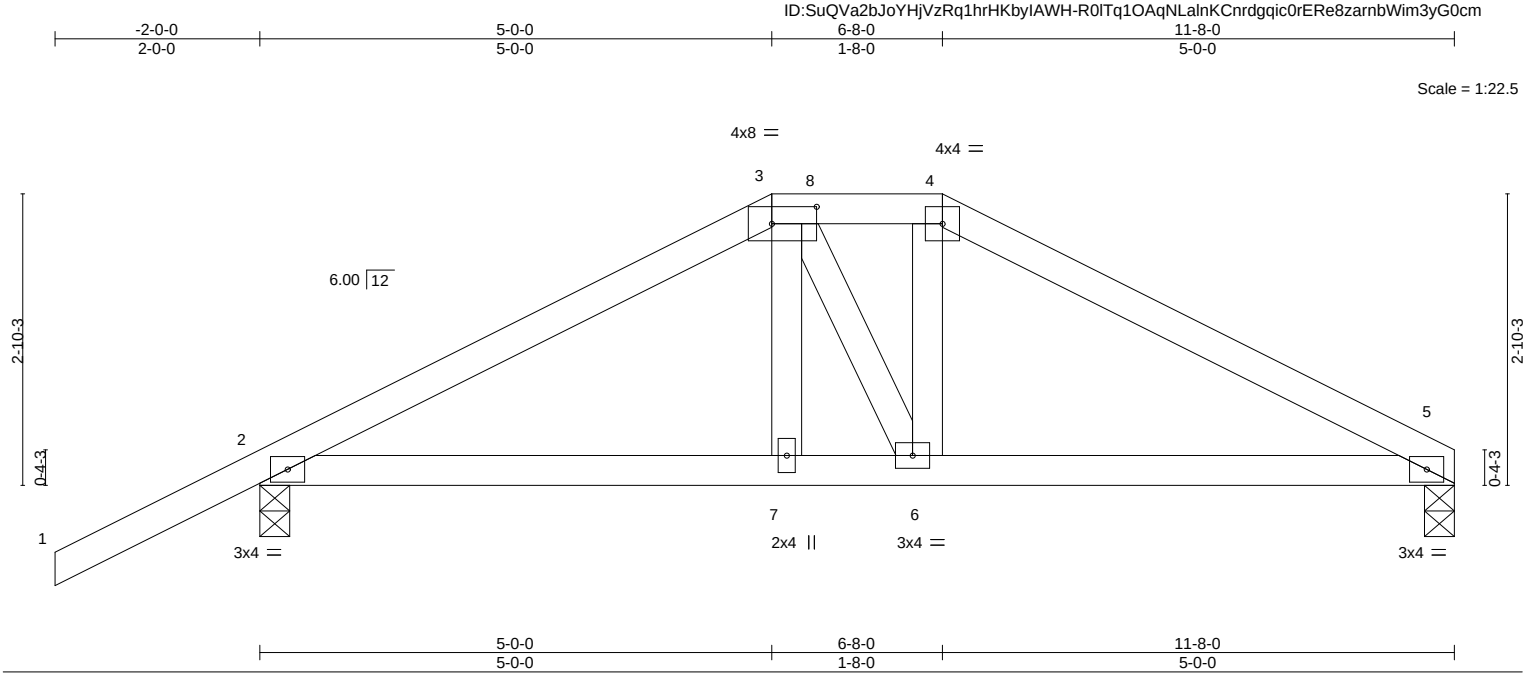


Plate Offsets (X,Y)-- [3:0-5-4,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	-0.03	2-7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.37	Vert(CT)	-0.06	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.06	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.01	5-6	>999	240	Weight: 51 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-4-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-3-8, 2=0-3-8
Max Horz 2=54(LC 24)
Max Uplift 5=-10(LC 8), 2=-83(LC 8)
Max Grav 5=580(LC 1), 2=712(LC 1)

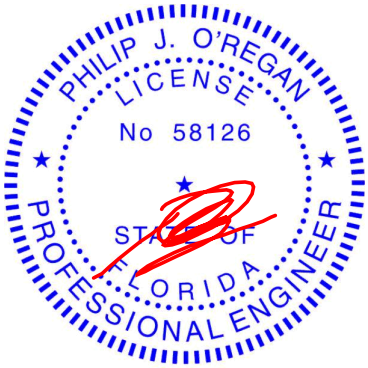
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-948/4, 3-4=-828/31, 4-5=-962/16
BOT CHORD 2-7=0/809, 6-7=0/821, 5-6=0/815
WEBS 3-7=0/252, 4-6=0/254

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 2. This connection is for uplift only and does not consider lateral forces.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 68 lb down and 54 lb up at 5-0-0, and 135 lb down and 114 lb up at 6-8-0 on top chord, and 177 lb down at 5-0-0, and 177 lb down at 6-7-4 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=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-4=-54, 4-5=-54, 2-5=-20
   Concentrated Loads (lb)
   Vert: 3=-49(F) 4=-88(F) 7=-99(F) 6=-99(F)



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Date:
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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	E4	JACK-OPEN	11	1	T26087712

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:17 2021 Page 1

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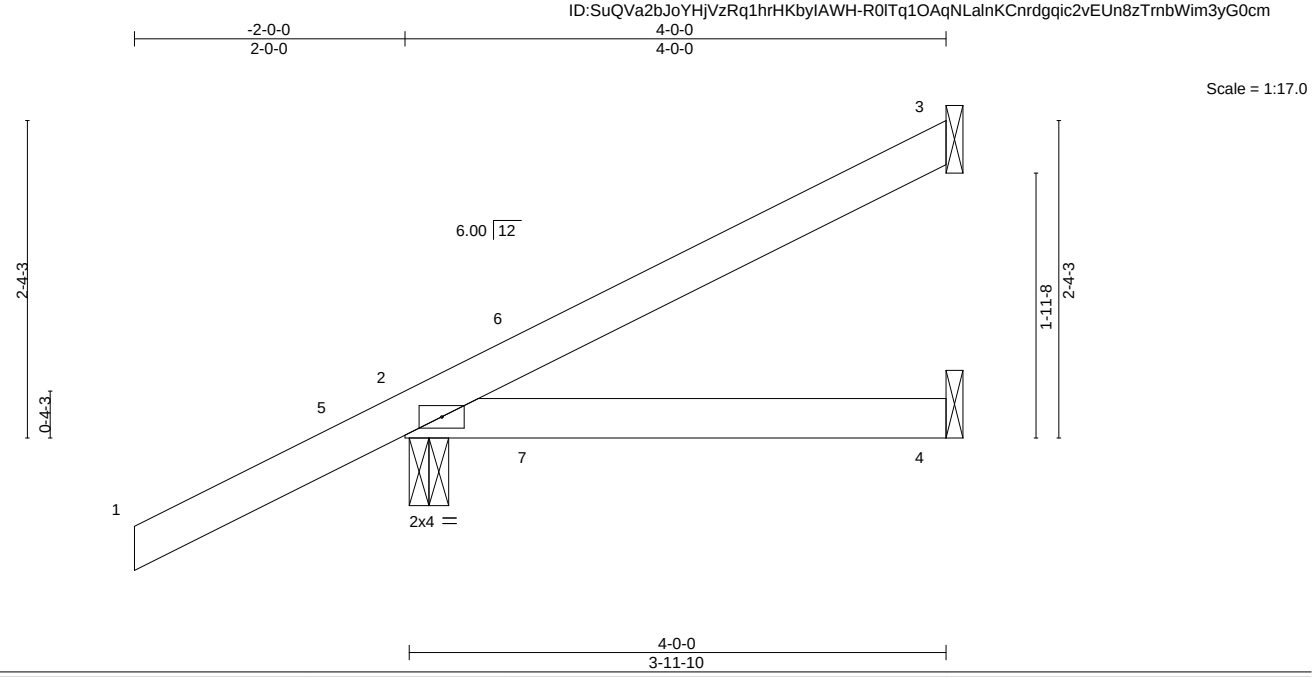


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.01	2-4	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.02	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P		Wind(LL)	0.03	2-4	>999	240	Weight: 16 lb	FT = 20%

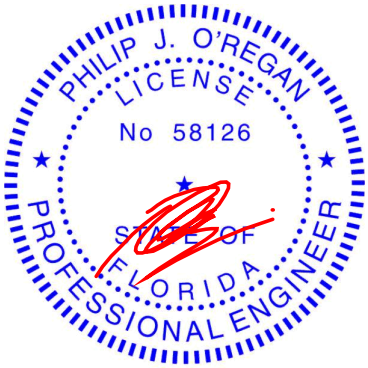
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-0 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=83(LC 12)
Max Uplift 3=-22(LC 9), 2=-109(LC 12), 4=-10(LC 8)
Max Grav 3=70(LC 1), 2=289(LC 1), 4=76(LC 3)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 3-11-4 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.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	E7	Jack-Open	31	1	T26087713

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:18 2021 Page 1

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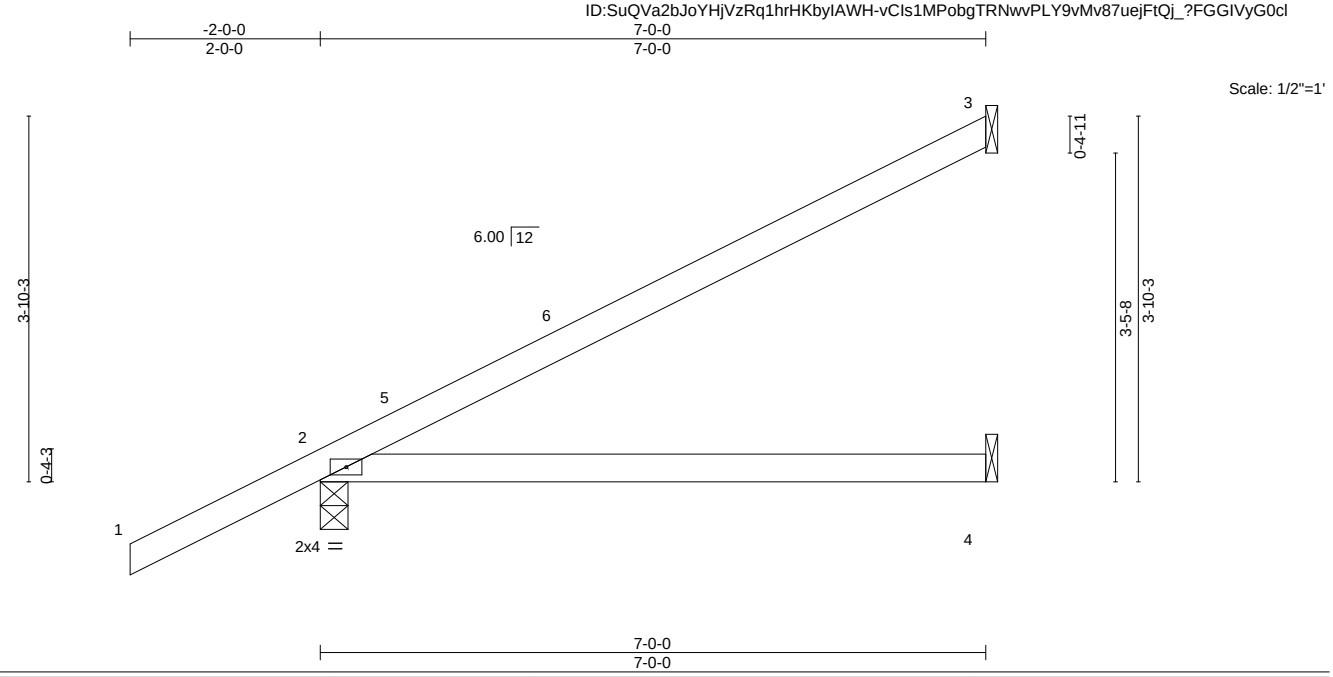


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.70	Vert(LL)	-0.13	2-4	>639	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.60	Vert(CT)	-0.26	2-4	>319	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 26 lb	FT = 20%

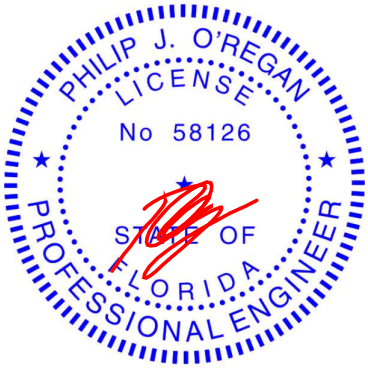
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=-62(LC 12), 2=-63(LC 12)
Max Grav 3=165(LC 1), 2=385(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 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 6-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



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Date:
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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	E7T	Jack-Open	3	1	T26087714

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:19 2021 Page 1

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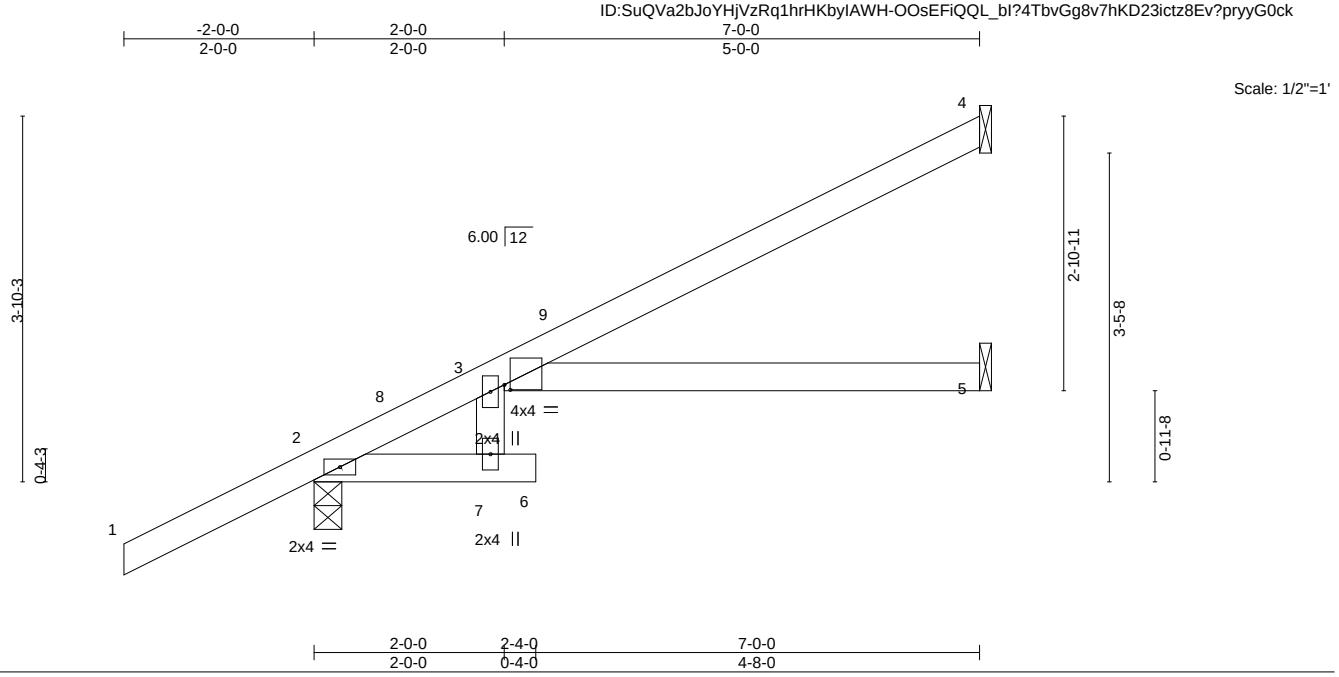


Plate Offsets (X,Y)-- [3:0-0-12,0-0-10]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.54	Vert(LL)	-0.10	6	>824	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.53	Vert(CT)	-0.21	3-5	>379	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.09	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-R		Wind(LL)	0.12	6	>692	240	Weight: 27 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 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical

Max Horz 2=119(LC 12)

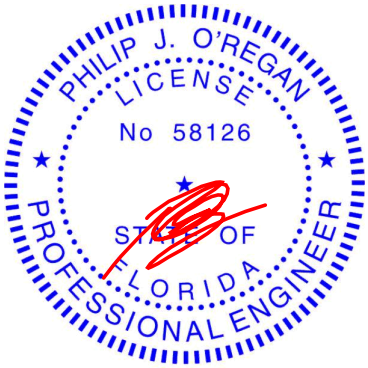
Max Uplift 4=-42(LC 12), 2=-59(LC 12)

Max Grav 4=148(LC 1), 2=392(LC 1), 5=119(LC 3)

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

NOTES-

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 6-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4.
7) One RT16A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5. This connection is for uplift only and does not consider lateral forces.
8) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.



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Date:
November 29,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	G01	Half Hip	1	1	T26087715

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:20 2021 Page 1

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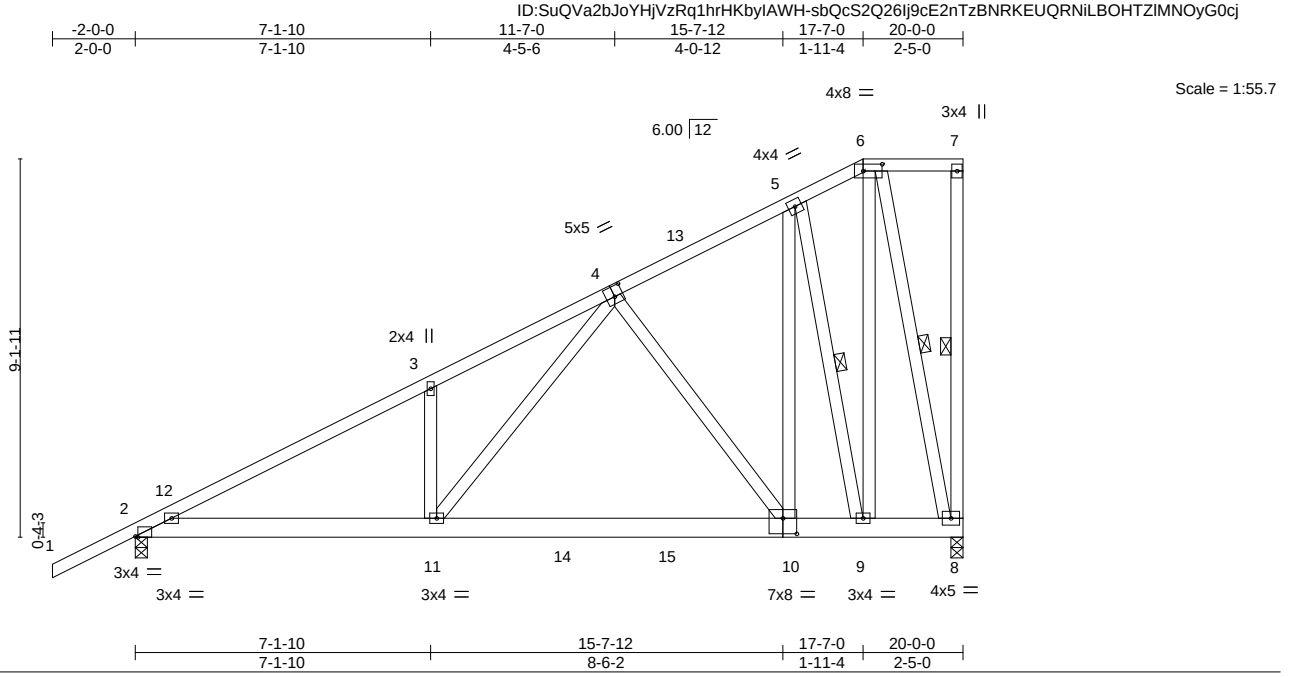


Plate Offsets (X,Y)-- [2:0-0-12,Edge], [4:0-2-8,0-3-0], [6:0-5-8,0-2-0], [10:0-4-0,0-4-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.57	Vert(LL)	-0.08	10-11	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.67	Vert(CT)	-0.23	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.57	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.03	10-11	>999	240	Weight: 169 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-9 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 7-8, 5-9, 6-8

REACTIONS. (size) 8=0-3-8, 2=0-3-8
Max Horz 2=278(LC 9)
Max Grav 8=1063(LC 17), 2=1086(LC 17)

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

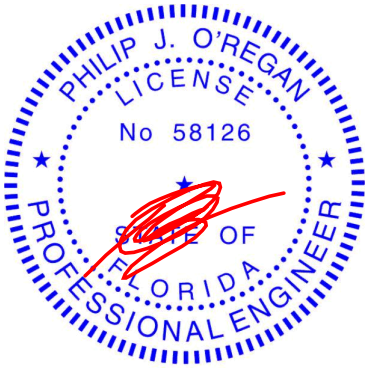
TOP CHORD	2-3=-1728/0, 3-4=-1723/0, 4-5=-641/0, 5-6=-337/96
BOT CHORD	2-11=0/1562, 10-11=-5/932, 9-10=-4/527, 8-9=-59/272
WEBS	3-11=-311/143, 4-11=0/1035, 4-10=-658/7, 5-10=0/1158, 5-9=-1207/0, 6-9=0/965, 6-8=-984/0

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 17-7-0, Exterior(2E) 17-7-0 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-6=-54, 6-7=-54, 2-11=-20, 10-11=-60, 8-10=-20
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-6=-44, 6-7=-44, 2-11=-35, 11-14=-75, 14-15=-90, 10-15=-75, 8-10=-35
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-6=-14, 6-7=-14, 2-11=-40, 10-11=-80, 8-10=-40



Philip J. O'Regan PE No.58126
MiTek USA, Inc. FL Cert 6634
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November 29,2021

Continued on page 2

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6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=44, 2-12=25, 6-12=16, 6-7=25, 2-11=-12, 10-11=-52, 8-10=-12
Horz: 1-2=-52, 2-12=-33, 6-12=-25, 7-8=27

5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=12, 2-13=16, 6-13=25, 6-7=25, 2-11=-12, 10-11=-52, 8-10=-12
Horz: 1-2=-20, 2-13=-25, 6-13=-33, 7-8=-16

6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-6, 2-6=-26, 6-7=-26, 2-11=-20, 10-11=-60, 8-10=-20
Horz: 1-2=-8, 2-6=12, 7-8=-25

7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-22, 2-6=-26, 6-7=-26, 2-11=-20, 10-11=-60, 8-10=-20
Horz: 1-2=8, 2-6=12, 7-8=18

8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=16, 2-6=3, 6-7=8, 2-11=-12, 10-11=-52, 8-10=-12
Horz: 1-2=-24, 2-6=-11, 7-8=15

9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=5, 2-6=9, 6-7=18, 2-11=-12, 10-11=-52, 8-10=-12
Horz: 1-2=-13, 2-6=-17, 7-8=-13

10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-18, 2-6=-22, 6-7=-15, 2-11=-20, 10-11=-60, 8-10=-20
Horz: 1-2=4, 2-6=8, 7-8=6

11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-1, 2-6=-6, 6-7=-15, 2-11=-20, 10-11=-60, 8-10=-20
Horz: 1-2=-13, 2-6=-8, 7-8=-22

12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=28, 2-6=16, 6-7=16, 2-11=-12, 10-11=-52, 8-10=-12
Horz: 1-2=-37, 2-6=-24, 7-8=20

13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=15, 2-6=3, 6-7=3, 2-11=-12, 10-11=-52, 8-10=-12
Horz: 1-2=-24, 2-6=-11, 7-8=20

14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-6=-15, 6-7=-15, 2-11=-20, 10-11=-60, 8-10=-20
Horz: 1-2=-4, 2-6=1, 7-8=11

15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-6=-15, 6-7=-15, 2-11=-20, 10-11=-60, 8-10=-20
Horz: 1-2=-4, 2-6=1, 7-8=11

16) Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-6=-14, 6-7=-14, 2-11=-40, 11-14=-80, 14-15=-100, 10-15=-80, 8-10=-40

17) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-47, 2-6=-50, 6-7=-45, 2-11=-35, 11-14=-75, 14-15=-90, 10-15=-75, 8-10=-35
Horz: 1-2=3, 2-6=6, 7-8=5

18) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-34, 2-6=-38, 6-7=-45, 2-11=-35, 11-14=-75, 14-15=-90, 10-15=-75, 8-10=-35
Horz: 1-2=-10, 2-6=-6, 7-8=-16

19) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-41, 2-6=-45, 6-7=-45, 2-11=-35, 11-14=-75, 14-15=-90, 10-15=-75, 8-10=-35
Horz: 1-2=-3, 2-6=1, 7-8=8

20) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-41, 2-6=-45, 6-7=-45, 2-11=-35, 11-14=-75, 14-15=-90, 10-15=-75, 8-10=-35
Horz: 1-2=-3, 2-6=1, 7-8=8

21) 1st Dead + Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-6=-54, 6-7=-54, 2-11=-20, 10-11=-60, 8-10=-20

22) 2nd Dead + Roof Live (unbalanced): Lumber Increase=1.15, Plate Increase=1.15

Continued on page 3

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Tampa, FL 36610

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-6=-14, 6-7=-54, 2-11=-20, 10-11=-60, 8-10=-20

23) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-6=-44, 6-7=-44, 2-11=-35, 11-14=-75, 14-15=-90, 10-15=-75, 8-10=-35

24) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-6=-14, 6-7=-44, 2-11=-35, 11-14=-75, 14-15=-90, 10-15=-75, 8-10=-35

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	G02	Half Hip	1	1	T26087716

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:21 2021 Page 1

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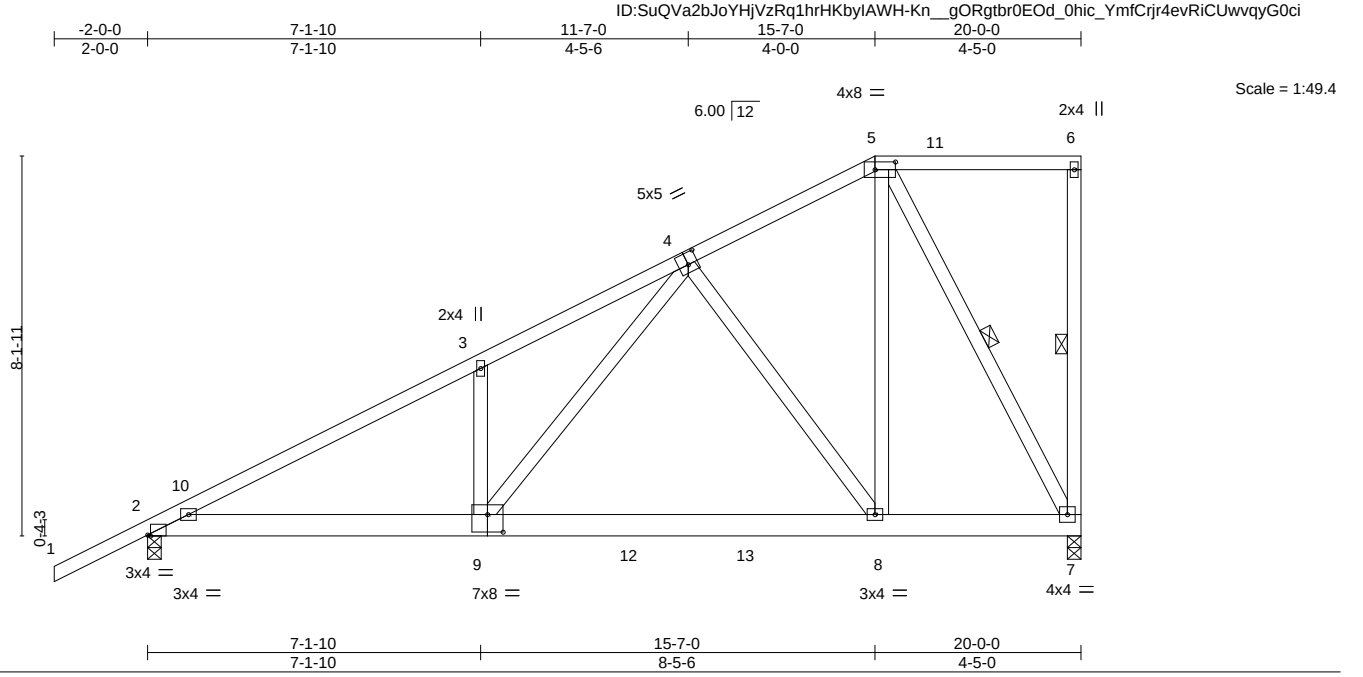


Plate Offsets (X,Y)-- [2:0-0-12,Edge], [4:0-2-8,0-3-0], [5:0-5-4,0-2-0], [9:0-4-0,0-4-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.57	Vert(LL)	-0.07	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.68	Vert(CT)	-0.22	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.55	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.02	9	>999	240	Weight: 142 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-1-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-7, 5-7

REACTIONS. (size) 7=0-3-8, 2=0-3-8
Max Horz 2=248(LC 9)
Max Grav 7=1047(LC 17), 2=1088(LC 17)

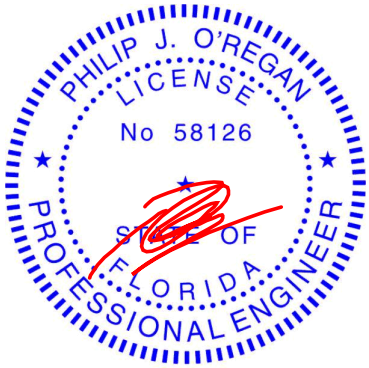
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1733/0, 3-4=-1730/0, 4-5=-628/0
BOT CHORD 2-9=0/1556, 8-9=-10/923, 7-8=0/559
WEBS 3-9=-314/142, 4-9=0/1041, 4-8=-646/18, 5-8=0/1023, 5-7=-1114/0

NOTES-

1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 15-7-0, Exterior(2E) 15-7-0 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-5=-54, 5-6=-54, 2-9=-20, 8-9=-60, 7-8=-20
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-5=-44, 5-6=-44, 2-9=-35, 9-12=-75, 12-13=-90, 8-13=-75, 7-8=-35
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-14, 5-6=-14, 2-9=-40, 8-9=-80, 7-8=-40
4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60



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Tampa, FL 36610

LOAD CASE(S) Standard

Uniform Loads (plf)
Vert: 1-2=44, 2-10=25, 5-10=16, 5-6=25, 2-9=-12, 8-9=-52, 7-8=-12
Horz: 1-2=-52, 2-10=-33, 5-10=-25, 6-7=27
Drag: 5-6=-0

5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=12, 2-4=16, 4-5=25, 5-11=16, 6-11=25, 2-9=-12, 8-9=-52, 7-8=-12
Horz: 1-2=-20, 2-4=-25, 4-5=-33, 6-7=-16
Drag: 5-11=-0, 6-11=-0

6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-6, 2-5=-26, 5-6=-26, 2-9=-20, 8-9=-60, 7-8=-20
Horz: 1-2=-8, 2-5=12, 6-7=-25
Drag: 5-6=0

7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-22, 2-5=-26, 5-6=-26, 2-9=-20, 8-9=-60, 7-8=-20
Horz: 1-2=8, 2-5=12, 6-7=18
Drag: 5-6=0

8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=16, 2-5=3, 5-6=8, 2-9=-12, 8-9=-52, 7-8=-12
Horz: 1-2=-24, 2-5=-11, 6-7=15
Drag: 5-6=-0

9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=5, 2-5=9, 5-6=18, 2-9=-12, 8-9=-52, 7-8=-12
Horz: 1-2=-13, 2-5=-18, 6-7=-13
Drag: 5-6=-0

10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-18, 2-5=-22, 5-6=-15, 2-9=-20, 8-9=-60, 7-8=-20
Horz: 1-2=4, 2-5=8, 6-7=6

11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-1, 2-5=-6, 5-6=-15, 2-9=-20, 8-9=-60, 7-8=-20
Horz: 1-2=-13, 2-5=-8, 6-7=-22

12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=28, 2-5=16, 5-6=16, 2-9=-12, 8-9=-52, 7-8=-12
Horz: 1-2=-37, 2-5=-24, 6-7=20
Drag: 5-6=-0

13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=15, 2-5=3, 5-6=3, 2-9=-12, 8-9=-52, 7-8=-12
Horz: 1-2=-24, 2-5=-11, 6-7=20
Drag: 5-6=-0

14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-5=-15, 5-6=-15, 2-9=-20, 8-9=-60, 7-8=-20
Horz: 1-2=-4, 2-5=1, 6-7=11

15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-5=-15, 5-6=-15, 2-9=-20, 8-9=-60, 7-8=-20
Horz: 1-2=-4, 2-5=1, 6-7=11

16) Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-14, 5-6=-14, 2-9=-40, 9-12=-80, 12-13=-100, 8-13=-80, 7-8=-40

17) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-47, 2-5=-50, 5-6=-45, 2-9=-35, 9-12=-75, 12-13=-90, 8-13=-75, 7-8=-35
Horz: 1-2=3, 2-5=6, 6-7=5

18) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-34, 2-5=-38, 5-6=-45, 2-9=-35, 9-12=-75, 12-13=-90, 8-13=-75, 7-8=-35
Horz: 1-2=-10, 2-5=-6, 6-7=-16

19) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-41, 2-5=-45, 5-6=-45, 2-9=-35, 9-12=-75, 12-13=-90, 8-13=-75, 7-8=-35
Horz: 1-2=-3, 2-5=1, 6-7=8

Continued on page 3

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LOAD CASE(S) Standard

20) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-41, 2-5=-45, 5-6=-45, 2-9=-35, 9-12=-75, 12-13=-90, 8-13=-75, 7-8=-35
Horz: 1-2=-3, 2-5=1, 6-7=8

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Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	G03	Half Hip	1	1	T26087717
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:22 2021 Page 1
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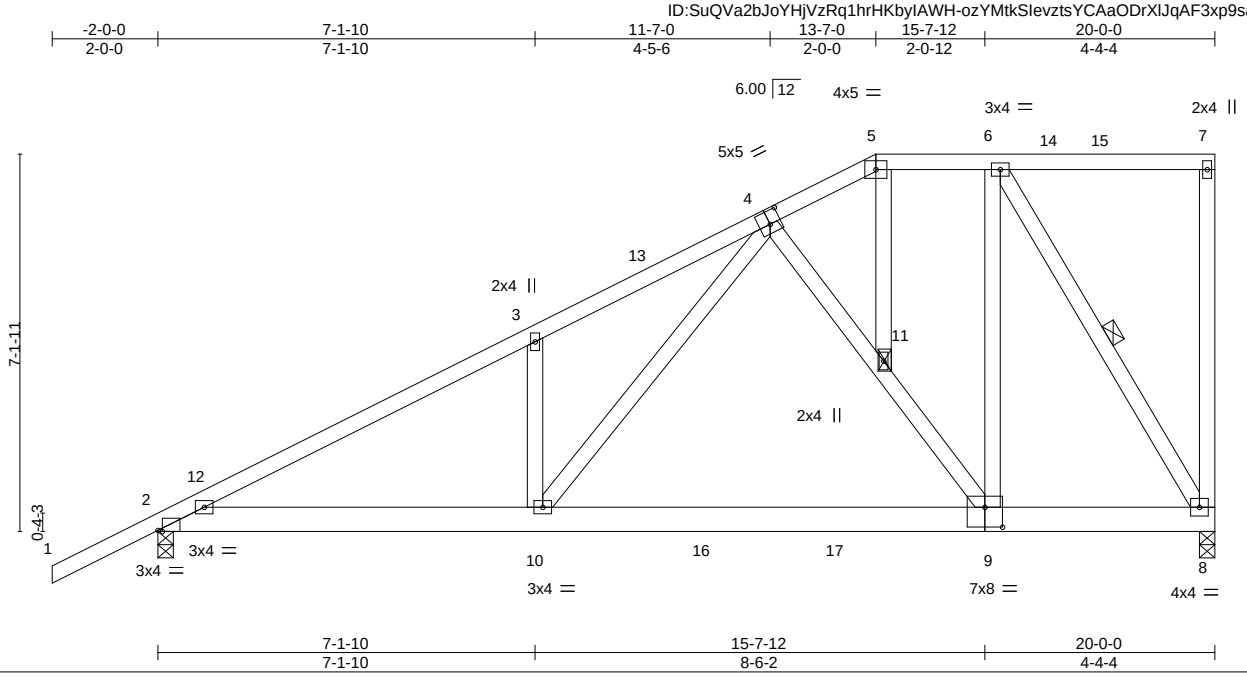


Plate Offsets (X,Y)-- [2:0-1-0,Edge], [4:0-2-8,0-3-0], [9:0-4-0,0-4-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	-0.07	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.68	Vert(CT)	-0.23	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.31	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.02	10	>999	240	Weight: 143 lb	FT = 20%

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

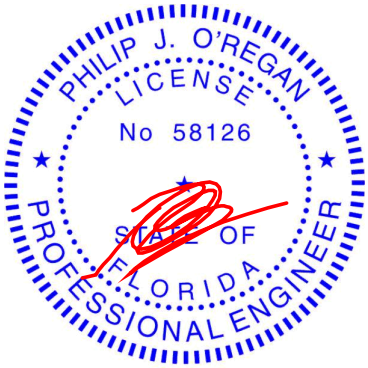
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-8
JOINTS 1 Brace at Jt(s): 11

REACTIONS. (size) 8=0-3-8, 2=0-3-8
Max Horz 2=218(LC 9)
Max Grav 8=1037(LC 17), 2=1090(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1743/0, 3-4=-1750/0, 4-5=-642/0, 5-6=-580/0
BOT CHORD 2-10=0/1555, 9-10=-7/900, 8-9=0/597
WEBS 3-10=-337/145, 4-10=0/1076, 4-11=-544/43, 9-11=-472/70, 6-9=0/869, 6-8=-1120/0

NOTES-
1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 13-7-0, Exterior(2R) 13-7-0 to 17-9-15, Interior(1) 17-9-15 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-54, 5-7=-54, 2-10=-20, 9-10=-60, 8-9=-20
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-44, 5-7=-44, 2-10=-35, 10-16=-75, 16-17=-90, 9-17=-75, 8-9=-35
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-14, 5-7=-14, 2-10=-40, 9-10=-80, 8-9=-40



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Continued on page 2

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LOAD CASE(S) Standard

4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=44, 2-12=25, 5-12=16, 5-15=25, 7-15=16, 2-10=-12, 9-10=-52, 8-9=-12
Horz: 1-2=-52, 2-12=-33, 5-12=-25, 7-8=27
Drag: 5-6=-0

5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=12, 2-13=16, 5-13=25, 5-14=16, 7-14=25, 2-10=-12, 9-10=-52, 8-9=-12
Horz: 1-2=-20, 2-13=-25, 5-13=-33, 7-8=-16
Drag: 5-6=-0

6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-6, 2-5=-26, 5-7=-26, 2-10=-20, 9-10=-60, 8-9=-20
Horz: 1-2=-8, 2-5=12, 7-8=-25
Drag: 5-6=0

7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-22, 2-5=-26, 5-7=-26, 2-10=-20, 9-10=-60, 8-9=-20
Horz: 1-2=8, 2-5=12, 7-8=18
Drag: 5-6=0

8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=16, 2-5=3, 5-7=8, 2-10=-12, 9-10=-52, 8-9=-12
Horz: 1-2=-24, 2-5=-11, 7-8=15
Drag: 5-6=-0

9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=5, 2-5=9, 5-7=18, 2-10=-12, 9-10=-52, 8-9=-12
Horz: 1-2=-13, 2-5=-18, 7-8=-13
Drag: 5-6=-0

10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-18, 2-5=-22, 5-7=-15, 2-10=-20, 9-10=-60, 8-9=-20
Horz: 1-2=4, 2-5=8, 7-8=6

11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-1, 2-5=-6, 5-7=-15, 2-10=-20, 9-10=-60, 8-9=-20
Horz: 1-2=-13, 2-5=-8, 7-8=-22

12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=28, 2-5=16, 5-7=16, 2-10=-12, 9-10=-52, 8-9=-12
Horz: 1-2=-37, 2-5=-24, 7-8=20
Drag: 5-6=-0

13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=15, 2-5=3, 5-7=3, 2-10=-12, 9-10=-52, 8-9=-12
Horz: 1-2=-24, 2-5=-11, 7-8=20
Drag: 5-6=-0

14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-5=-15, 5-7=-15, 2-10=-20, 9-10=-60, 8-9=-20
Horz: 1-2=-4, 2-5=1, 7-8=11

15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-5=-15, 5-7=-15, 2-10=-20, 9-10=-60, 8-9=-20
Horz: 1-2=-4, 2-5=1, 7-8=11

16) Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-14, 5-7=-14, 2-10=-40, 10-16=-80, 16-17=-100, 9-17=-80, 8-9=-40

17) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-47, 2-5=-50, 5-7=-45, 2-10=-35, 10-16=-75, 16-17=-90, 9-17=-75, 8-9=-35
Horz: 1-2=3, 2-5=6, 7-8=5

18) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-34, 2-5=-38, 5-7=-45, 2-10=-35, 10-16=-75, 16-17=-90, 9-17=-75, 8-9=-35
Horz: 1-2=-10, 2-5=-6, 7-8=-16

19) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-41, 2-5=-45, 5-7=-45, 2-10=-35, 10-16=-75, 16-17=-90, 9-17=-75, 8-9=-35
Horz: 1-2=-3, 2-5=1, 7-8=8

Continued on page 3

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LOAD CASE(S) Standard

20) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-41, 2-5=-45, 5-7=-45, 2-10=-35, 10-16=-75, 16-17=-90, 9-17=-75, 8-9=-35
Horz: 1-2=-3, 2-5=1, 7-8=8

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Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	G04	Half Hip	1	1	T26087718

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:23 2021 Page 1

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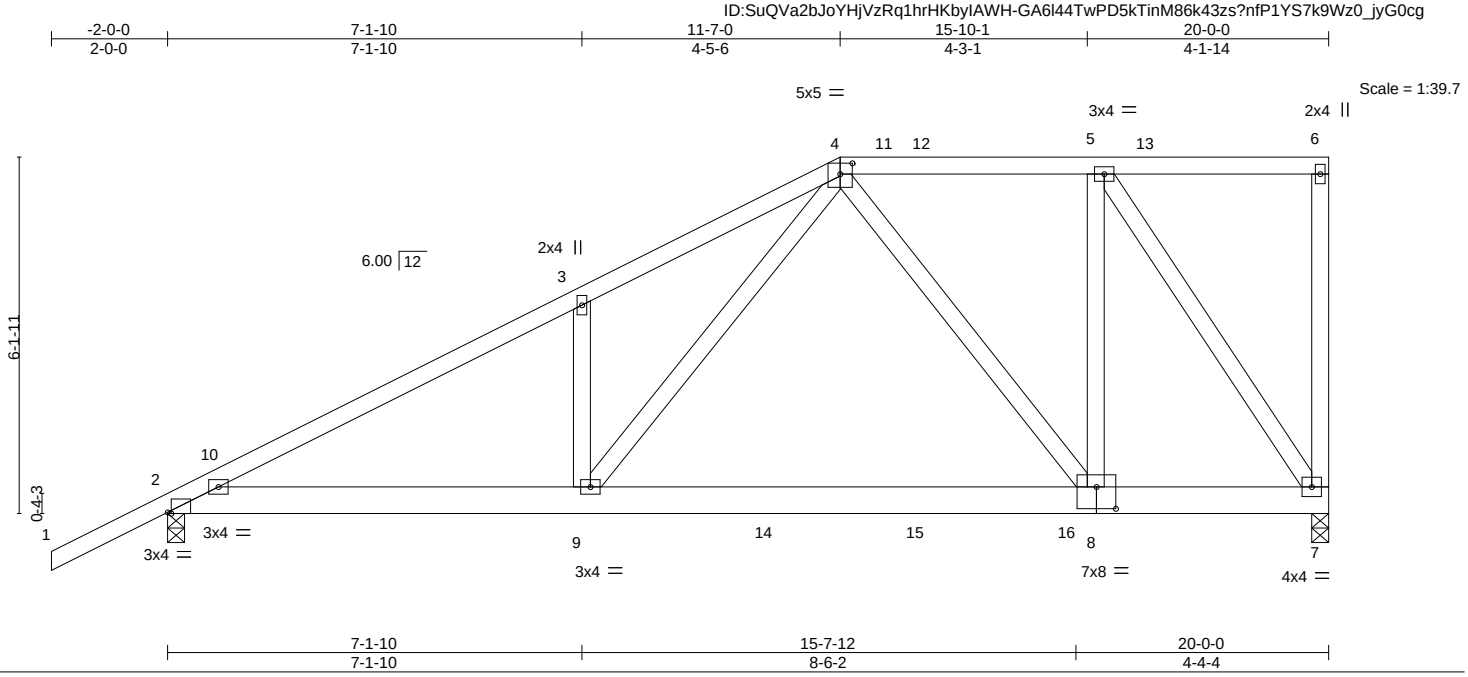


Plate Offsets (X,Y)-- [2:0-0-12,Edge], [4:0-2-8,0-2-4], [8:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	-0.07	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.22	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.95	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.02	9	>999	240	Weight: 133 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-1-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=0-3-8, 2=0-3-8
Max Horz 2=188(LC 9)
Max Grav 7=1018(LC 17), 2=1087(LC 17)

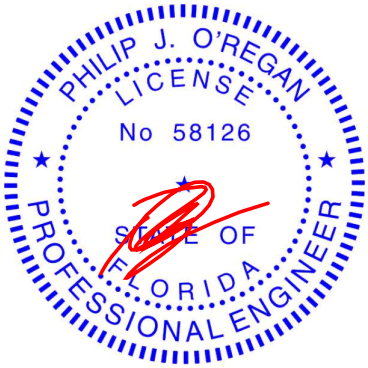
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1738/0, 3-4=-1741/0, 4-5=-668/0
BOT CHORD 2-9=0/1539, 8-9=0/883, 7-8=0/680
WEBS 3-9=-327/176, 4-9=0/1074, 4-8=-336/82, 5-8=0/778, 5-7=-1193/0

NOTES-

1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 11-7-0, Exterior(2R) 11-7-0 to 15-11-13, Interior(1) 15-11-13 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 2-9=-20, 9-16=-60, 7-16=-20
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-4=-44, 4-6=-44, 2-9=-35, 9-14=-75, 14-15=-90, 15-16=-75, 7-16=-35
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-14, 4-6=-14, 2-9=-40, 9-16=-80, 7-16=-40
4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60



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Continued on page 2

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LOAD CASE(S) Standard

Uniform Loads (plf)
Vert: 1-2=44, 2-10=25, 4-10=16, 4-5=25, 5-6=16, 2-9=-12, 9-16=-52, 7-16=-12
Horz: 1-2=-52, 2-10=-33, 4-10=-25, 6-7=27
Drag: 4-5=-0

5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=12, 2-3=16, 3-4=25, 4-13=16, 6-13=25, 2-9=-12, 9-16=-52, 7-16=-12
Horz: 1-2=-20, 2-3=-25, 3-4=-33, 6-7=-16
Drag: 4-5=-0

6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-6, 2-4=-26, 4-6=-26, 2-9=-20, 9-16=-60, 7-16=-20
Horz: 1-2=-8, 2-4=12, 6-7=-25
Drag: 4-5=0

7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-22, 2-4=-26, 4-6=-26, 2-9=-20, 9-16=-60, 7-16=-20
Horz: 1-2=8, 2-4=12, 6-7=18
Drag: 4-5=0

8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=16, 2-4=3, 4-12=14, 6-12=8, 2-9=-12, 9-16=-52, 7-16=-12
Horz: 1-2=-24, 2-4=-11, 6-7=15
Drag: 4-12=-0, 5-12=-0

9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=5, 2-4=9, 4-11=14, 6-11=18, 2-9=-12, 9-16=-52, 7-16=-12
Horz: 1-2=-13, 2-4=-17, 6-7=-13
Drag: 4-5=-0

10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-18, 2-4=-22, 4-6=-15, 2-9=-20, 9-16=-60, 7-16=-20
Horz: 1-2=4, 2-4=8, 6-7=6

11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-1, 2-4=-6, 4-6=-15, 2-9=-20, 9-16=-60, 7-16=-20
Horz: 1-2=-13, 2-4=-8, 6-7=-22

12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=28, 2-4=16, 4-6=16, 2-9=-12, 9-16=-52, 7-16=-12
Horz: 1-2=-37, 2-4=-24, 6-7=20
Drag: 4-5=-0

13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=15, 2-4=3, 4-6=3, 2-9=-12, 9-16=-52, 7-16=-12
Horz: 1-2=-24, 2-4=-11, 6-7=20
Drag: 4-5=-0

14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-4=-15, 4-6=-15, 2-9=-20, 9-16=-60, 7-16=-20
Horz: 1-2=-4, 2-4=1, 6-7=11

15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-4=-15, 4-6=-15, 2-9=-20, 9-16=-60, 7-16=-20
Horz: 1-2=-4, 2-4=1, 6-7=11

16) Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-14, 4-6=-14, 2-9=-40, 9-14=-80, 14-15=-100, 15-16=-80, 7-16=-40

17) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-47, 2-4=-50, 4-6=-45, 2-9=-35, 9-14=-75, 14-15=-90, 15-16=-75, 7-16=-35
Horz: 1-2=3, 2-4=6, 6-7=5

18) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-34, 2-4=-38, 4-6=-45, 2-9=-35, 9-14=-75, 14-15=-90, 15-16=-75, 7-16=-35
Horz: 1-2=-10, 2-4=-6, 6-7=-16

19) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-41, 2-4=-45, 4-6=-45, 2-9=-35, 9-14=-75, 14-15=-90, 15-16=-75, 7-16=-35
Horz: 1-2=-3, 2-4=1, 6-7=8

Continued on page 3

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LOAD CASE(S) Standard

20) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-41, 2-4=-45, 4-6=-45, 2-9=-35, 9-14=-75, 14-15=-90, 15-16=-75, 7-16=-35
Horz: 1-2=-3, 2-4=1, 6-7=8

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Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	G05	Half Hip	1	1	T26087719

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:23 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-GA6l44TwPD5kTinM86k43zs3pfULYdZk9Wz0_jyG0cg

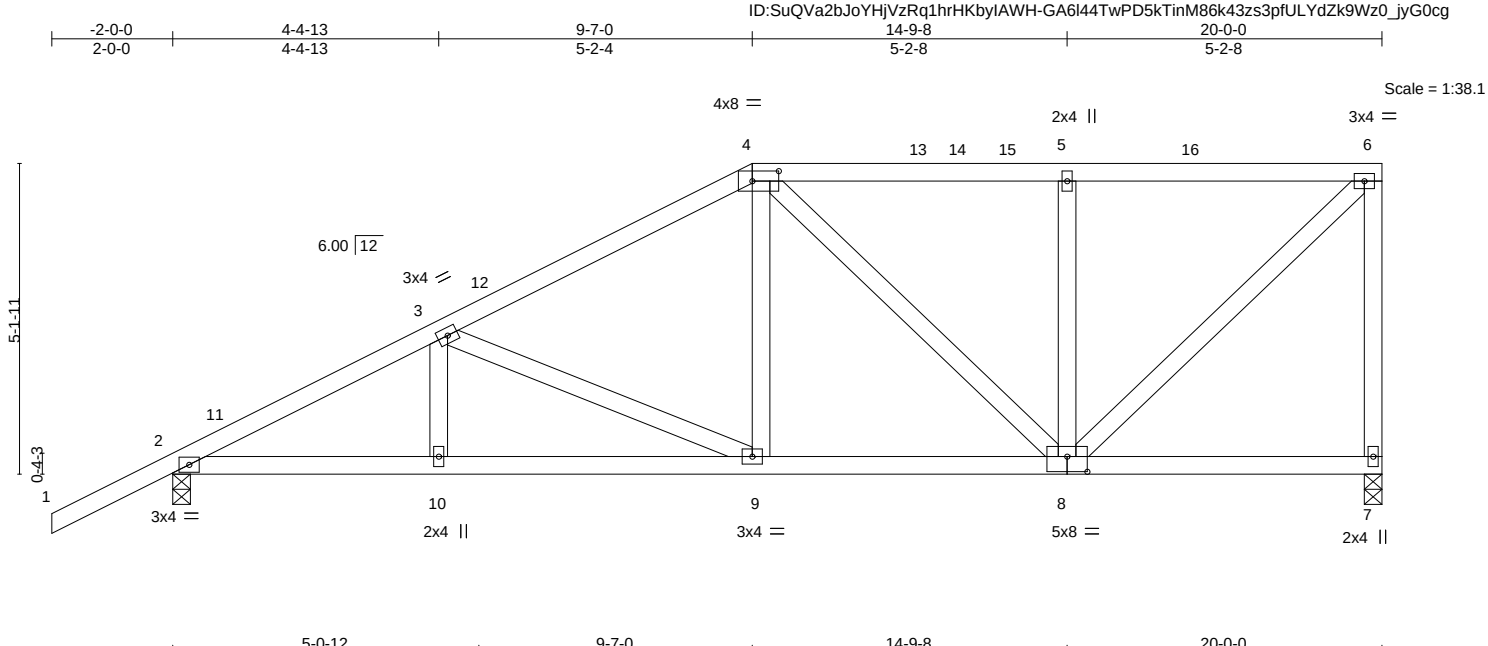


Plate Offsets (X,Y)-- [4:0-5-4,0-2-0], [8:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	-0.04	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.08	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.22	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.02	9-10	>999	240	Weight: 116 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-0-14 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

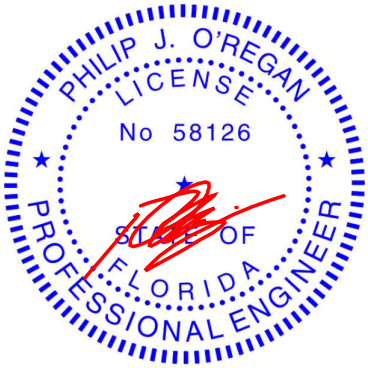
REACTIONS. (size) 7=0-3-8, 2=0-3-8
Max Horz 2=159(LC 9)
Max Uplift 7=-49(LC 9), 2=-97(LC 12)
Max Grav 7=723(LC 1), 2=851(LC 1)

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

TOP CHORD	2-3=-1291/75, 3-4=-900/115, 4-5=-598/119, 5-6=-598/120, 6-7=-676/129
BOT CHORD	2-10=-248/1095, 9-10=-248/1095, 8-9=-170/753
WEBS	3-9=-379/83, 4-9=0/323, 5-8=-313/107, 6-8=-115/812

NOTES-

1) Wind: ASCE 7-16; 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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 9-7-0, Exterior(2R) 9-7-0 to 13-9-15, Interior(1) 13-9-15 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 7 and 2. This connection is for uplift only and does not consider lateral forces.



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November 29,2021

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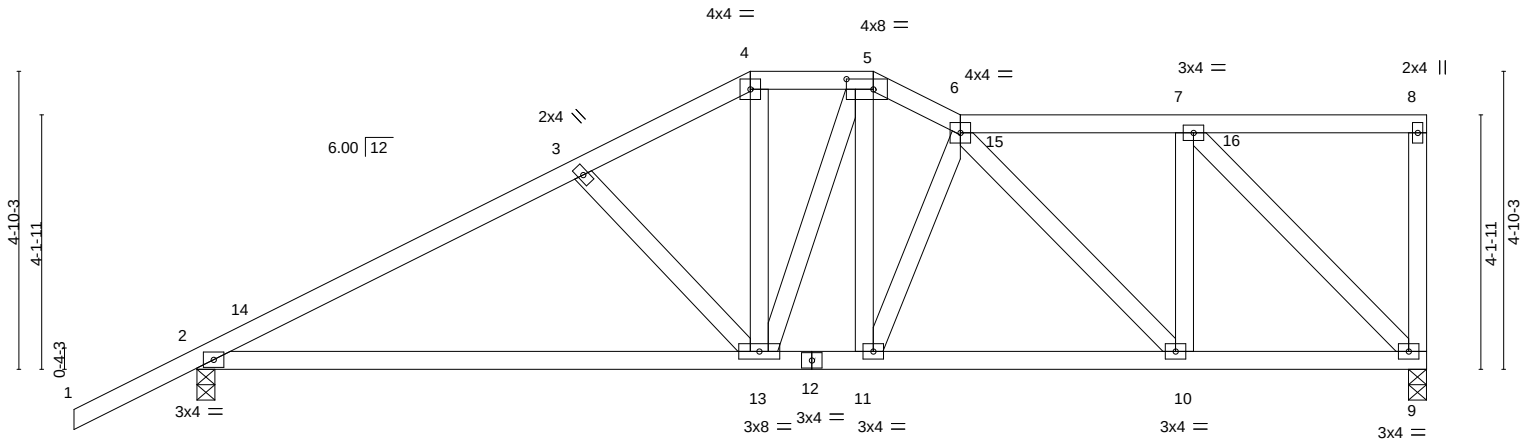
Job	Truss	Truss Type	Qty	Ply	2169-A-Frame T26087720
613839	G06	Roof Special	1	1	Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:24 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-kMg7IQTZAWDb5rMZipGJcAOCG3jvH1gtOAjaW9yG0cf

-2-0-0	6-3-6	9-0-0	11-0-0	12-5-0	16-0-12	20-0-0
2-0-0	6-3-6	2-8-10	2-0-0	1-5-0	3-7-12	3-11-4

Scale = 1:37.5



9-0-0	11-0-0	16-0-12	20-0-0
9-0-0	2-0-0	5-0-12	3-11-4

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	-0.17	2-13	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.78	Vert(CT)	-0.35	2-13	>670	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.42	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.02	2-13	>999	240	Weight: 121 lb	FT = 20%

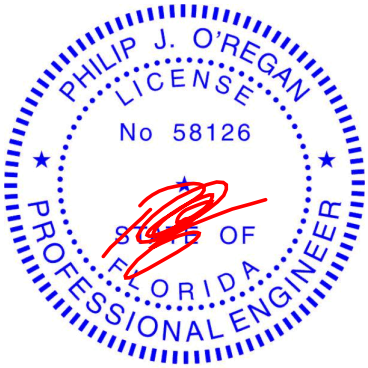
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 9=0-3-8, 2=0-3-8
Max Horz 2=140(LC 11)
Max Uplift 9=-35(LC 9), 2=-98(LC 12)
Max Grav 9=723(LC 1), 2=851(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1165/181, 3-4=-941/151, 4-5=-800/147, 5-6=-873/175, 6-7=-606/130
BOT CHORD 2-13=-287/971, 11-13=-195/773, 10-11=-211/861, 9-10=-140/606
WEBS 3-13=-267/146, 4-13=-22/323, 6-11=-255/89, 6-10=-370/103, 7-10=-6/393, 7-9=-852/154

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) -2-0-0 to 1-0-0, Interior(1) 1-0-0 to 9-0-0, Exterior(2E) 9-0-0 to 12-5-0, Interior(1) 12-5-0 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 9 and 2. This connection is for uplift only and does not consider lateral forces.



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Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	G07	Roof Special Girder	1	1	T26087721

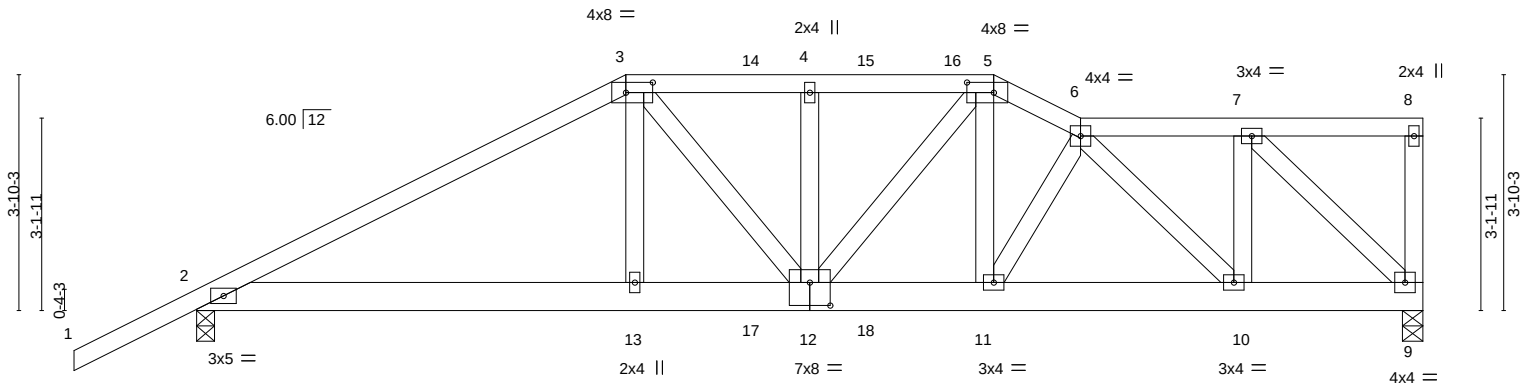
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:25 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbylAWH-CYDVVmUBxqLRj?xlFWnY8OxGbS6c0Uc0cqS72byG0ce

-2-0-0	7-0-0	10-0-0	13-0-0	14-5-0	17-0-12	20-0-0
2-0-0	7-0-0	3-0-0	3-0-0	1-5-0	2-7-12	2-11-4

Scale = 1:37.6



7-0-0	10-0-0	13-0-0	17-0-12	20-0-0
7-0-0	3-0-0	3-0-0	4-0-12	2-11-4

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	-0.07	12	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.13	12	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.44	Horz(CT)	0.04	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.04	12	>999	240	Weight: 129 lb	FT = 20%

LUMBER-

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

BRACING-

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

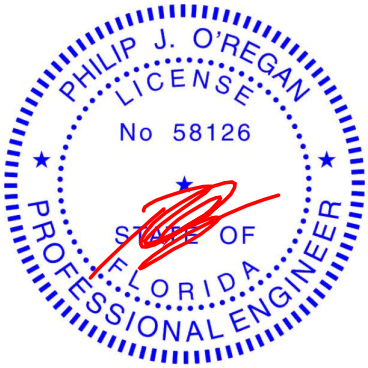
REACTIONS. (size) 9=0-4-0, 2=0-3-8
Max Horz 2=109(LC 7)
Max Uplift 9=-34(LC 5), 2=-82(LC 8)
Max Grav 9=1312(LC 1), 2=1415(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2412/9, 3-4=-2275/62, 4-5=-2275/62, 5-6=-2341/59, 6-7=-1224/46
BOT CHORD 2-13=-25/2072, 12-13=-18/2090, 11-12=-46/2115, 10-11=-58/2165, 9-10=-43/1224
WEBS 3-13=0/589, 3-12=-109/378, 4-12=-340/129, 5-12=-12/286, 5-11=0/550, 6-10=-1358/24, 7-10=0/1023, 7-9=-1700/33

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 9 and 2. This connection is for uplift only and does not consider lateral forces.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 130 lb down and 81 lb up at 7-0-0, 111 lb down and 77 lb up at 9-0-12, and 111 lb down and 77 lb up at 10-11-4, and 240 lb down and 165 lb up at 13-0-0 on top chord, and 306 lb down at 7-0-0, 96 lb down at 9-0-12, and 96 lb down at 10-11-4, and 306 lb down at 12-11-4 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=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-54, 3-5=-54, 5-6=-54, 6-8=-54, 2-9=-20



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Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 3=-111(B) 5=-193(B) 13=-266(B) 11=-266(B) 14=-111(B) 15=-111(B) 17=-48(B) 18=-48(B)

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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	H4	DIAGONAL HIP GIRDER	2	1	T26087722

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:26 2021 Page 1

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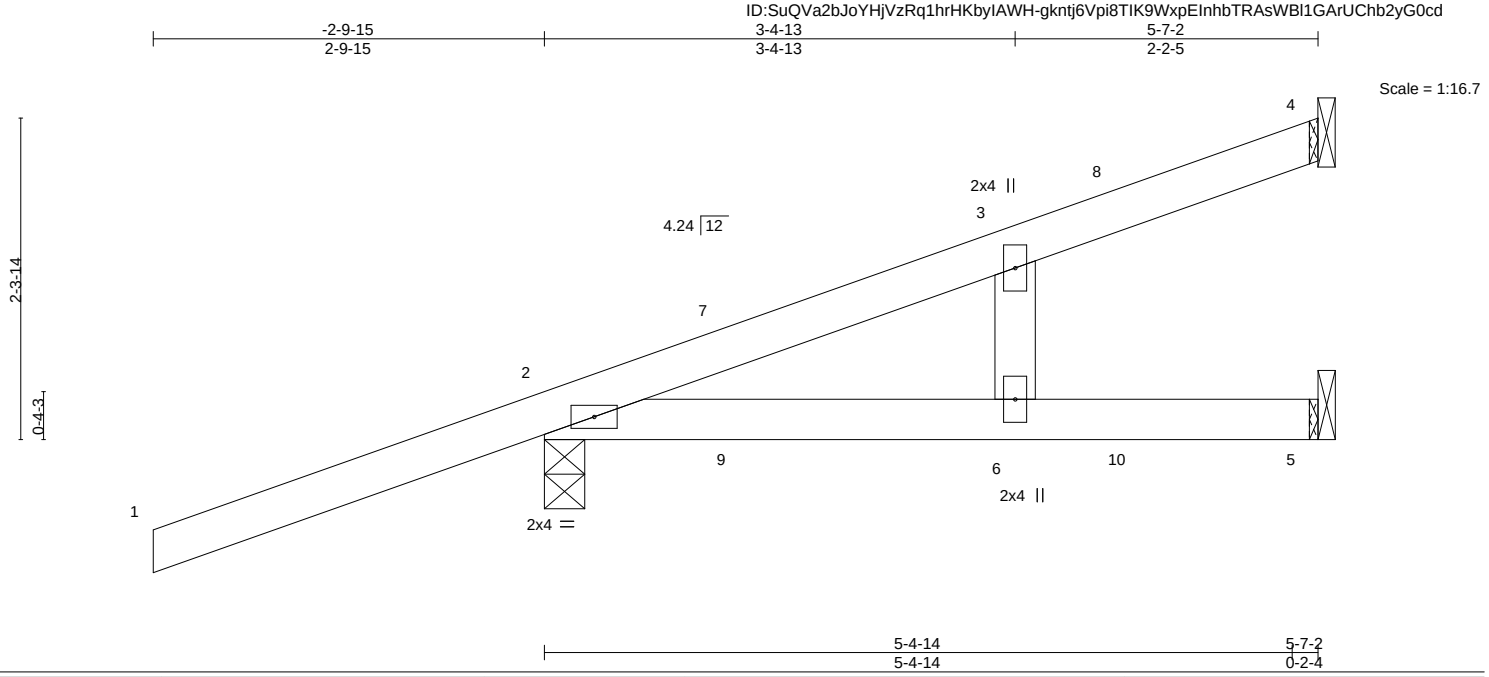


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.87	Vert(LL)	0.04	2-6	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.28	Vert(CT)	-0.08	2-6	>851	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P		Wind(LL)	-0.06	2-6	>999	240	Weight: 23 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 5-7-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-3-8, 5=Mechanical
Max Horz 2=83(LC 8)
Max Uplift 4=-37(LC 8), 2=-200(LC 8), 5=-29(LC 13)
Max Grav 4=100(LC 1), 2=360(LC 28), 5=70(LC 24)

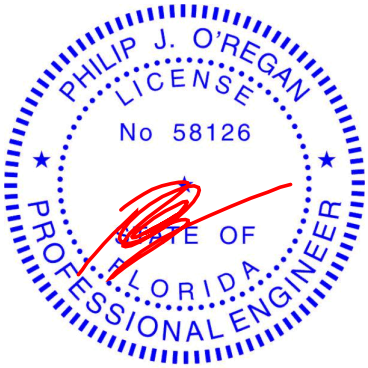
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES-

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 ; end vertical left and right 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 100 lb uplift at joint(s) 4, 5.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 97 lb down and 168 lb up at 1-4-15, 97 lb down and 168 lb up at 1-4-15, and 52 lb down and 23 lb up at 4-2-15, and 52 lb down and 23 lb up at 4-2-15 on top chord, and at 1-4-15, at 1-4-15, and 12 lb down at 4-2-15, and 12 lb down at 4-2-15 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=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-4=-54, 2-5=-20
   Concentrated Loads (lb)
   Vert: 7=87(F=43, B=43) 10=-2(F=-1, B=-1)



Philip J. O'Regan PE No.58126
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Date:
November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	H5	Diagonal Hip Girder	2	1	T26087723

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:27 2021 Page 1

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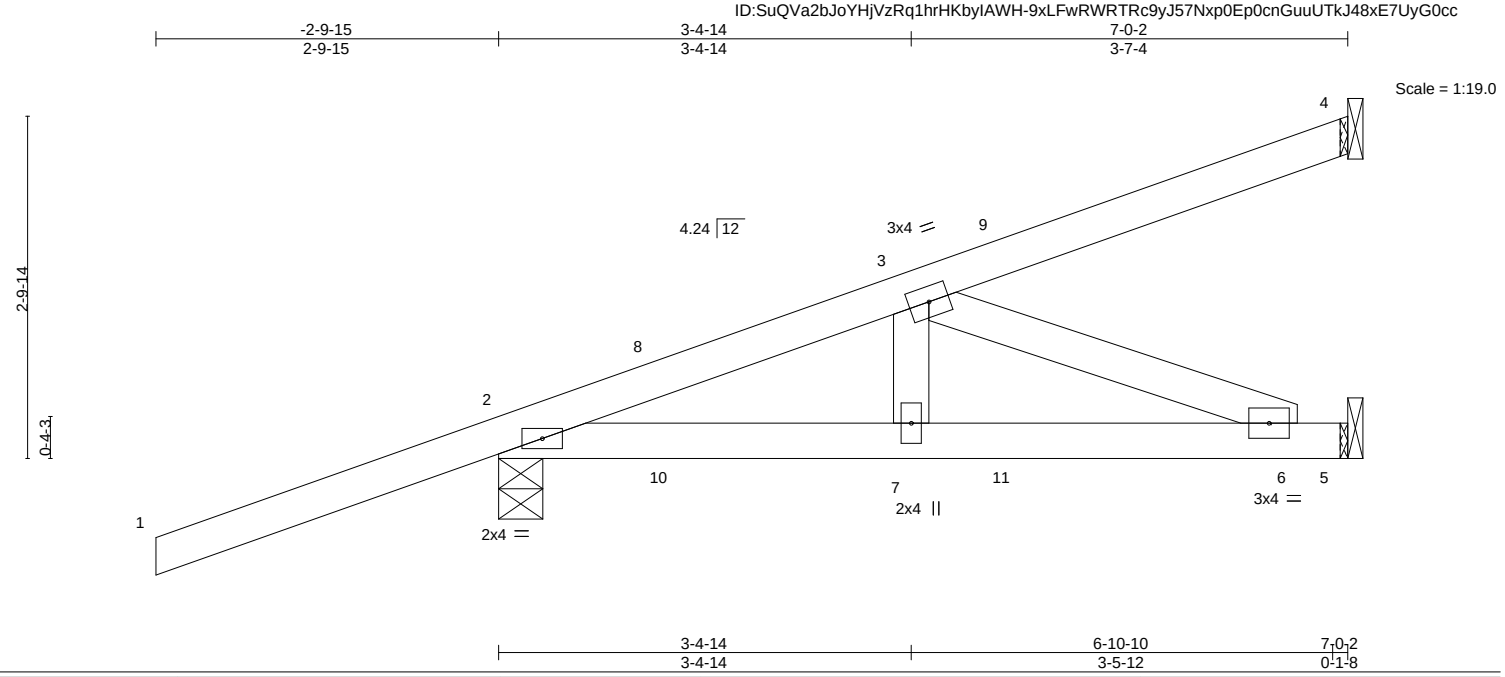


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.88	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.19	Vert(CT)	-0.02	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.08	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P		Wind(LL)	-0.01	6-7	>999	240	Weight: 32 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, 2=0-4-6, 5=Mechanical
Max Horz 2=95(LC 8)
Max Uplift 4=-33(LC 8), 2=-157(LC 8)
Max Grav 4=115(LC 17), 2=441(LC 28), 5=147(LC 29)

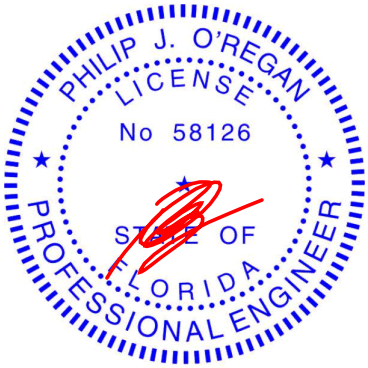
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-435/26
BOT CHORD 2-7=-46/339, 6-7=-46/339
WEBS 3-6=-365/50

NOTES-

1) Wind: ASCE 7-16; 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 ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 97 lb down and 168 lb up at 1-4-15, 97 lb down and 168 lb up at 1-4-15, and 56 lb down and 48 lb up at 4-2-15, and 54 lb down and 23 lb up at 4-2-15 on top chord, and at 1-4-15, at 1-4-15, and 11 lb down at 4-2-15, and 11 lb down at 4-2-15 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=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-4=-54, 2-5=-20
   Concentrated Loads (lb)
   Vert: 8=87(F=43, B=43)



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	H7	Diagonal Hip Girder	3	1	T26087724

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:28 2021 Page 1

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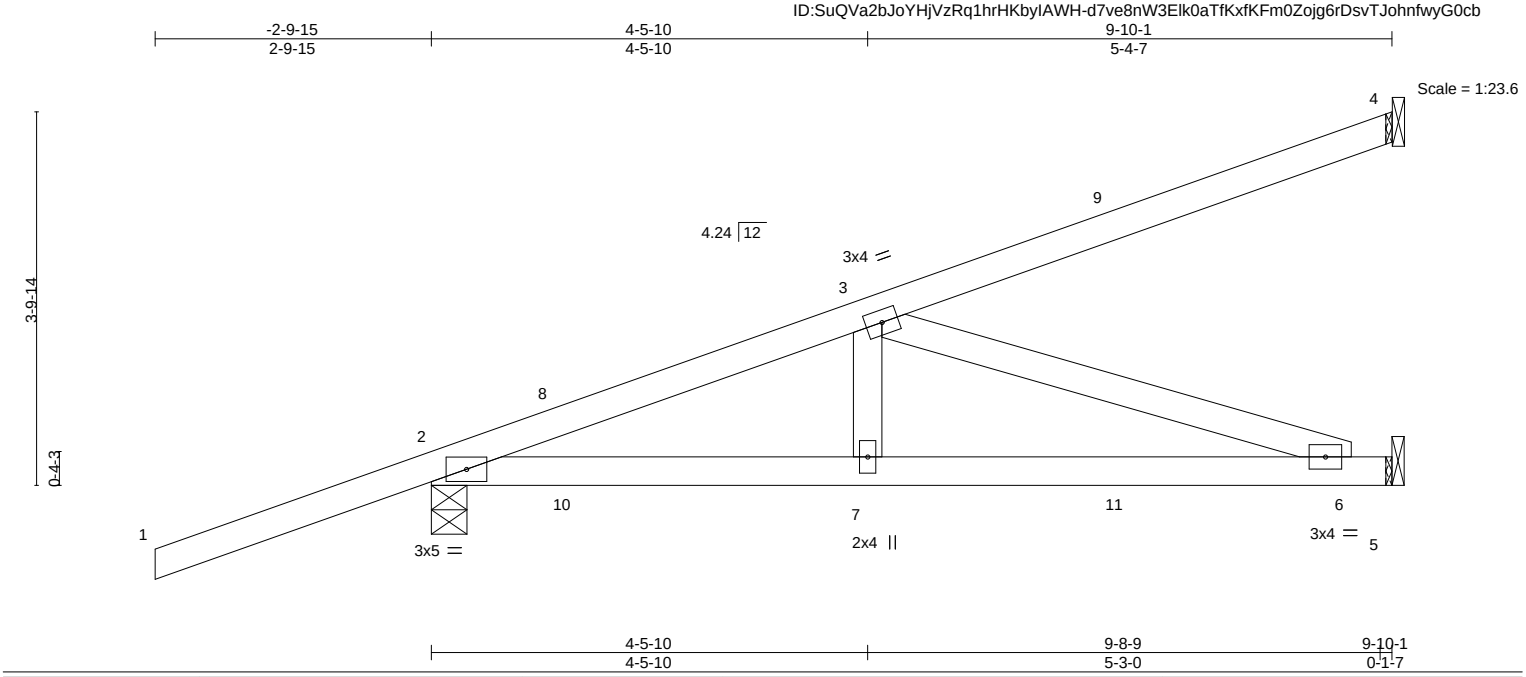


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.81	Vert(LL)	-0.06	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.65	Vert(CT)	-0.13	6-7	>860	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.34	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	-0.03	2-7	>999	240	Weight: 44 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-6-9 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-6, 5=Mechanical
Max Horz 2=119(LC 24)
Max Uplift 4=-58(LC 8), 2=-162(LC 8)
Max Grav 4=158(LC 1), 2=560(LC 28), 5=267(LC 3)

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

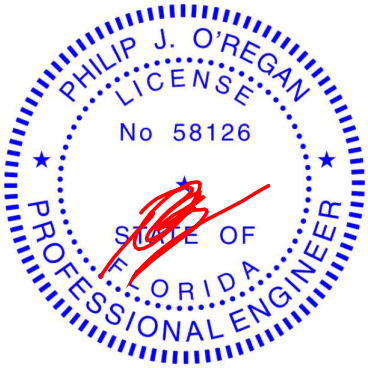
TOP CHORD	2-3=-782/51
BOT CHORD	2-7=-88/664, 6-7=-88/664
WEBS	3-7=0/294, 3-6=-698/92

NOTES-

1) Wind: ASCE 7-16; 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 ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2. This connection is for uplift only and does not consider lateral forces.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 97 lb down and 168 lb up at 1-4-15, 97 lb down and 168 lb up at 1-4-15, 56 lb down and 48 lb up at 4-2-15, 54 lb down and 23 lb up at 4-2-15, and 80 lb down and 77 lb up at 7-0-14, and 72 lb down and 57 lb up at 7-0-14 on top chord, and at 1-4-15, at 1-4-15, 11 lb down at 4-2-15, 11 lb down at 4-2-15, and 39 lb down at 7-0-14, and 39 lb down at 7-0-14 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=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-4=-54, 2-5=-20
   Concentrated Loads (lb)
   Vert: 8=87(F=43, B=43) 9=-80(F=-27, B=-53) 11=-39(F=-20, B=-20)



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	H7T	Diagonal Hip Girder	1	1	T26087725

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:29 2021 Page 1

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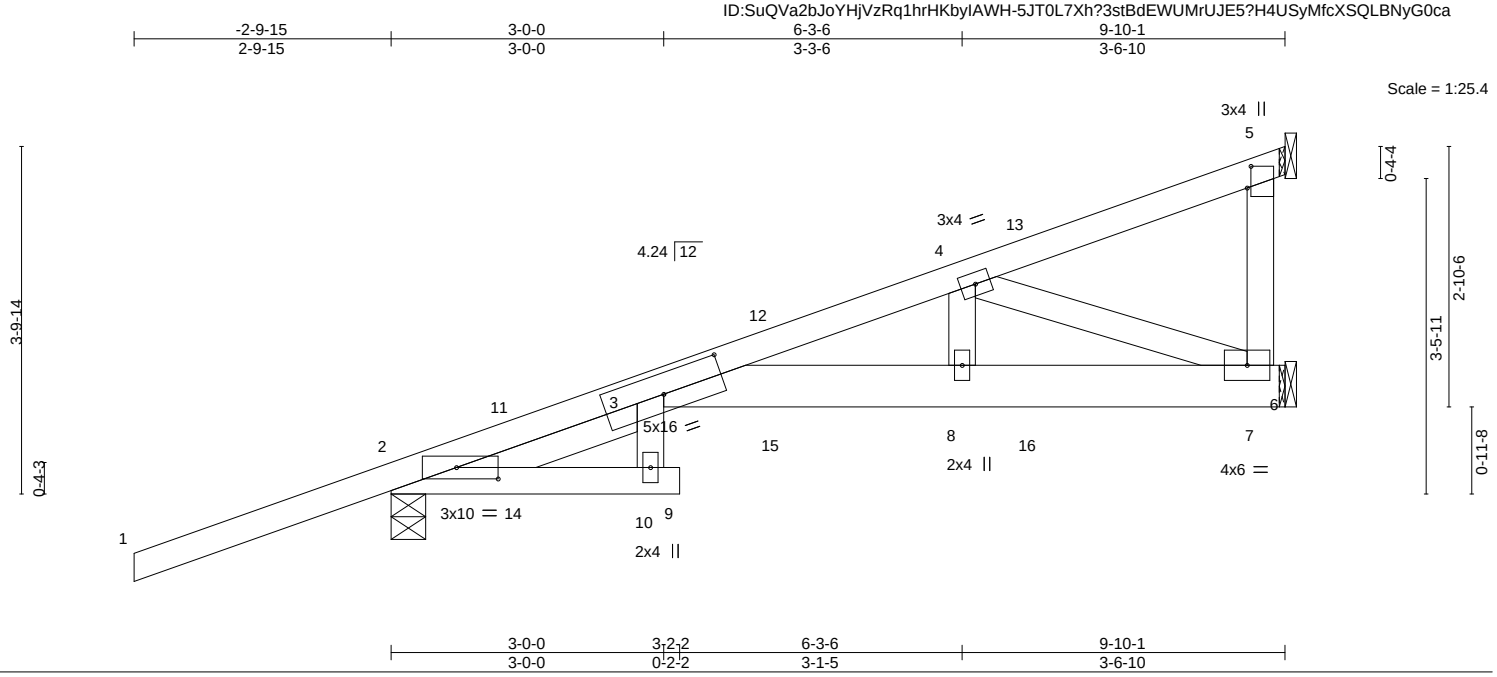


Plate Offsets (X,Y)-- [2:0-5-8,0-1-8], [3:0-8-0,0-2-11], [5:0-2-14,0-0-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.69	Vert(LL)	-0.08	9	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.15	9	>762	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.18	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	-0.12	9	>947	240	Weight: 54 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2 *Except*
	3-6: 2x6 SP No.2
WEBS	2x4 SP No.2
SLIDER	Left 2x4 SP No.2 2-1-5

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-7-2 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 2-10.

REACTIONS. (size) 5=Mechanical, 7=Mechanical, 2=0-4-9
Max Horz 2=102(LC 5)
Max Uplift 5=-22(LC 5), 2=-154(LC 8)
Max Grav 5=74(LC 17), 7=342(LC 30), 2=562(LC 28)

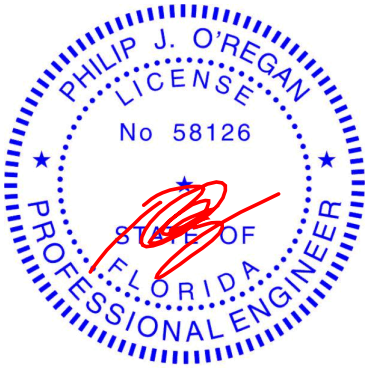
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	3-4=-903/0
BOT CHORD	3-8=-28/835, 7-8=-28/836
WEBS	4-8=0/310, 4-7=-870/12

NOTES-

1) Wind: ASCE 7-16; 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 ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5.
7) One RT7A MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 7 and 2. This connection is for uplift only and does not consider lateral forces.
8) n/a
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 97 lb down and 168 lb up at 1-4-15, 97 lb down and 168 lb up at 1-4-15, 50 lb down and 18 lb up at 4-2-15, 50 lb down and 18 lb up at 4-2-15, and 74 lb down and 46 lb up at 7-0-14, and 74 lb down and 46 lb up at 7-0-14 on top chord, and at 1-4-15, at 1-4-15, 17 lb down at 4-2-15, 17 lb down at 4-2-15, and 33 lb down at 7-0-14, and 33 lb down at 7-0-14 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard



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Continued on page 2

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Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-5=-54, 2-10=-20, 9-10=-20, 3-6=-20
   Concentrated Loads (lb)
   Vert: 11=87(F=43, B=43) 13=-38(F=-19, B=-19) 15=-7(F=-3, B=-3) 16=-63(F=-32, B=-32)

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	PB1	Piggyback	2	1	T26087726

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:30 2021 Page 1

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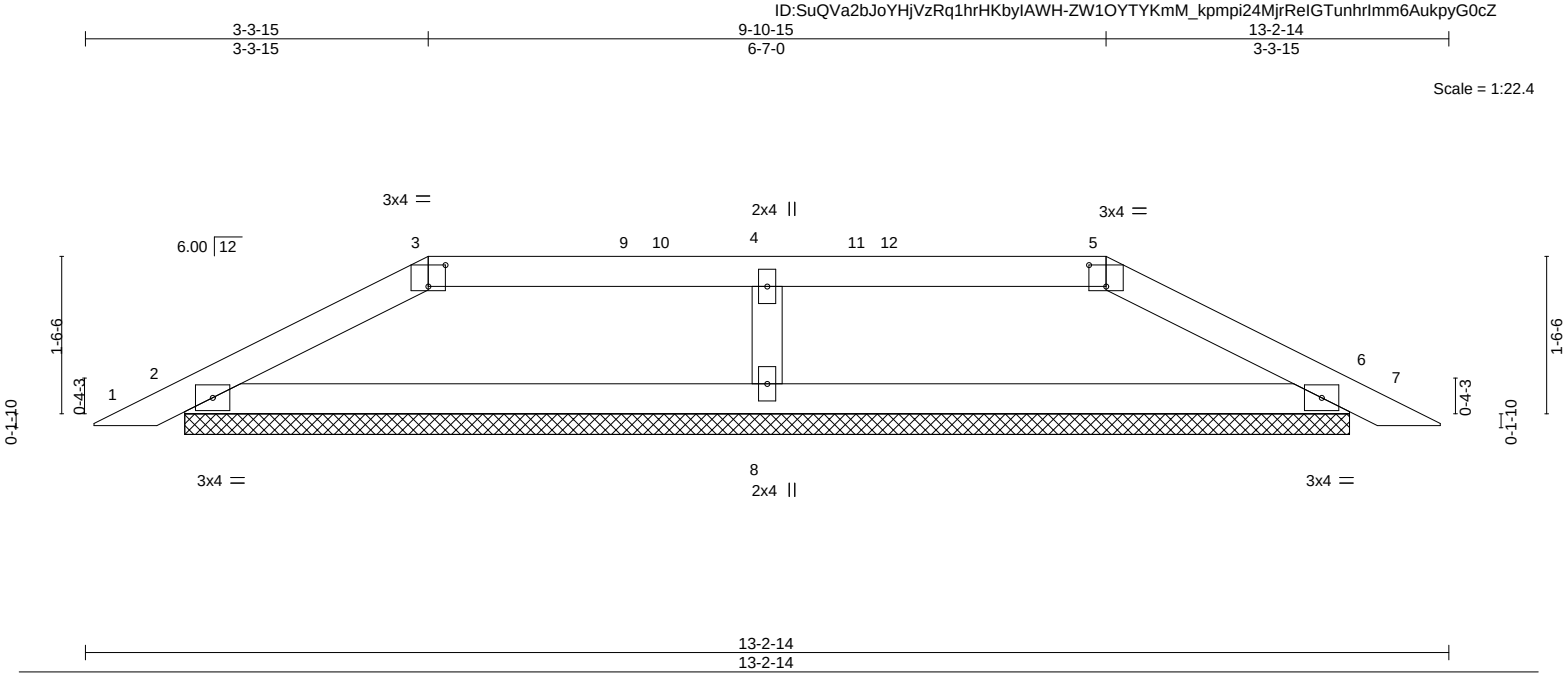


Plate Offsets (X,Y)-- [3:0-2-0,0-2-8], [5:0-2-0,0-2-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	0.01	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	0.01	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 39 lb	FT = 20%

LUMBER-

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

BRACING-

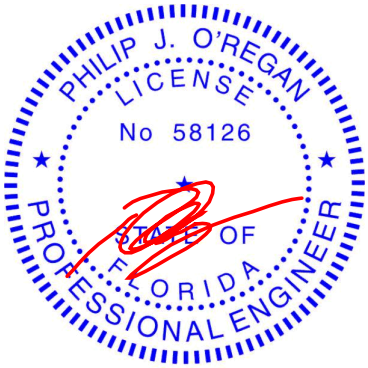
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=11-3-12, 6=11-3-12, 8=11-3-12
Max Horz 2=25(LC 11)
Max Uplift 2=-43(LC 12), 6=-43(LC 12)
Max Grav 2=272(LC 1), 6=272(LC 1), 8=355(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-318/159, 3-4=-263/158, 4-5=-263/158, 5-6=-318/159
BOT CHORD 2-8=-95/263, 6-8=-95/263

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) 0-4-11 to 3-3-15, Exterior(2R) 3-3-15 to 7-6-14, Interior(1) 7-6-14 to 9-10-15, Exterior(2E) 9-10-15 to 12-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
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) n/a
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



Philip J. O'Regan PE No.58126
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Date:
November 29,2021

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Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

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Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	PB2	Piggyback	1	1	T26087727

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:31 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-1ibmmpZyXg6bRwOvcnuyOfBS3tGMQIWv?mvSGFyG0cY

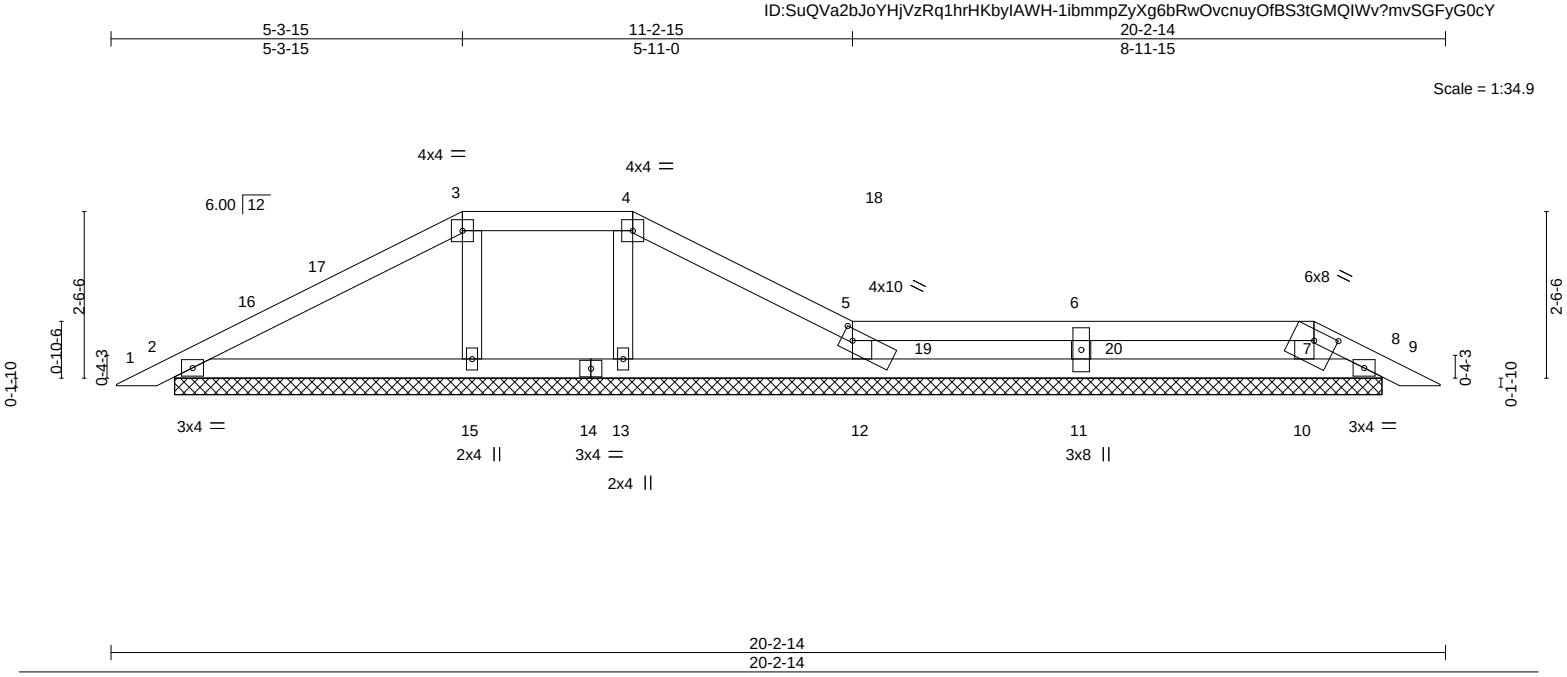


Plate Offsets (X,Y)-- [5:0-2-0,0-2-0], [7:0-4-0,0-1-15]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	-0.00	8	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	-0.00	8	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 66 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 6-0-0 oc bracing.

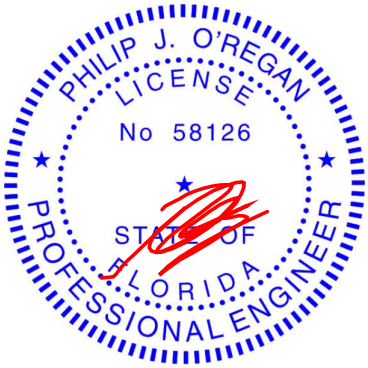
REACTIONS. All bearings 18-3-12.

(lb) - Max Horz 2=41(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 12, 11, 8
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 13, 8 except 12=262(LC 1), 15=296(LC 21), 11=281(LC 22)

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

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) 0-4-11 to 3-4-11, Interior(1) 3-4-11 to 5-3-15, Exterior(2E) 5-3-15 to 7-10-15, Exterior(2R) 7-10-15 to 10-10-15, Interior(1) 10-10-15 to 18-2-15, Exterior(2E) 18-2-15 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
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) n/a
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	PB3	GABLE	1	1	T26087728

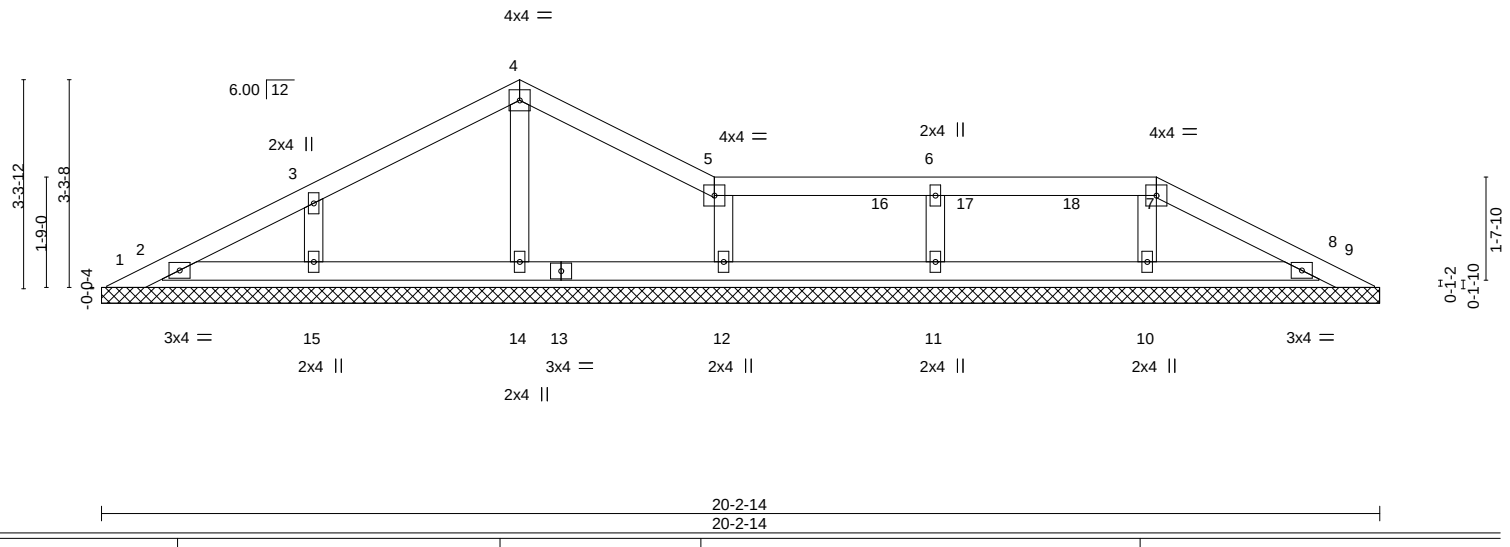
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:33 2021 Page 1

ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-z5iXBVaC2HMJgEYHjCwQT4Gpohy?uC2CS4OYK8yG0cW

6-7-7	9-8-7	16-8-7	20-2-14
6-7-7	3-1-0	7-0-0	3-6-7

Scale = 1:36.5



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 70 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 6-0-0 oc bracing.

REACTIONS. All bearings 20-2-14.

(lb) - Max Horz 1=-51(LC 10)

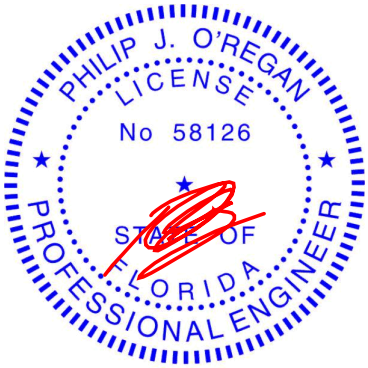
Max Uplift All uplift 100 lb or less at joint(s) 1, 9, 2, 15, 12, 11, 10, 8

Max Grav All reactions 250 lb or less at joint(s) 1, 9, 2, 14, 15, 12, 10, 8 except 11=282(LC 1)

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

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) 0-4-11 to 3-4-5, Interior(1) 3-4-5 to 6-7-7, Exterior(2E) 6-7-7 to 9-8-7, Interior(1) 9-8-7 to 16-8-7, Exterior(2E) 16-8-7 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9.
11) n/a
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Date:
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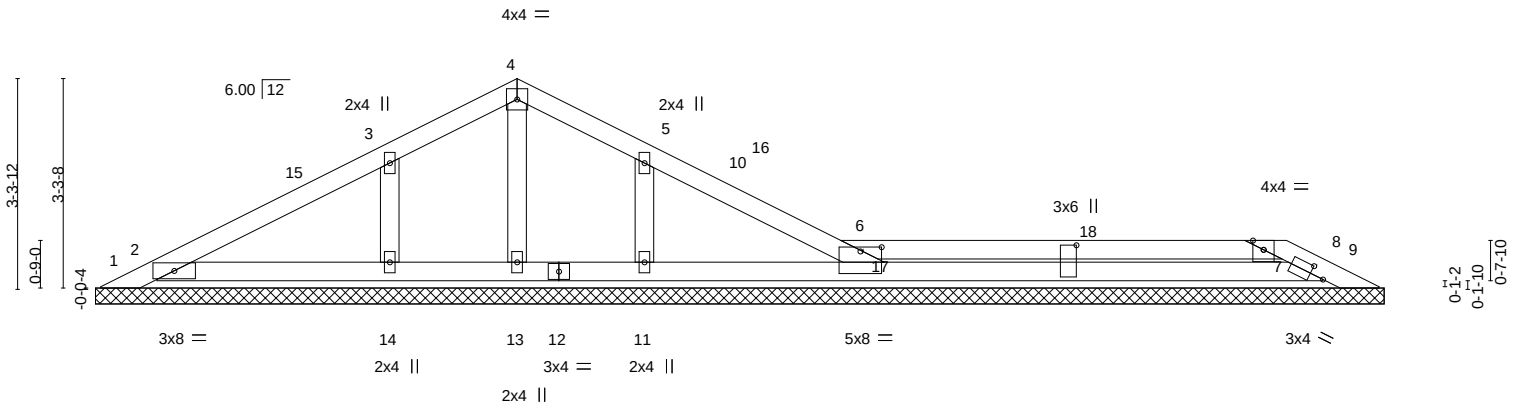
Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	PB4	GABLE	1	1	T26087729
					Job Reference (optional)

Tibbetts Lumber Co, Ocala

8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 17:21:12 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-4HjagS0NGYyHeMmC4kQI_kFh9zrzG7BHUz1d6myFw6b

6-7-7 | 11-8-7 | 20-2-14
6-7-7 | 5-1-0 | 8-6-7

Scale = 1:36.2



20-2-14
20-2-14

Plate Offsets (X,Y)-- [7:0-2-0,0-1-12], [7:0-0-14,2-11-4], [8:0-2-10,0-1-8], [10:0-4-0,0-0-13]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.59	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	-0.01	10	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-S							Weight: 70 lb	FT = 20%

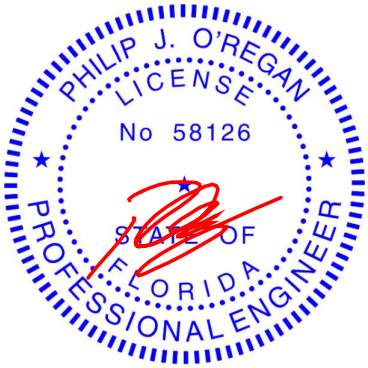
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 8-10.

REACTIONS. All bearings 20-2-14.
(lb) - Max Horz 1=-51(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 13, 14, 11, 8 except 1=-103(LC 17), 9=-307(LC 22)
Max Grav All reactions 250 lb or less at joint(s) 1, 9, 2, 14, 11 except 10=408(LC 3), 13=456(LC 1), 8=653(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-15=-140/383, 3-15=-131/427, 3-4=-72/389, 4-5=-71/391, 5-16=-106/411, 6-16=-116/345, 6-10=-703/274, 6-17=-353/136, 17-18=-353/136, 7-18=-353/136, 7-8=-415/166
BOT CHORD 2-14=-341/148, 13-14=-341/148, 12-13=-341/148, 11-12=-341/148, 10-11=-341/148, 8-10=-116/353
WEBS 4-13=-402/97

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) 0-4-11 to 3-4-11, Interior(1) 3-4-11 to 6-7-7, Exterior(2R) 6-7-7 to 9-7-7, Interior(1) 9-7-7 to 18-8-1, Exterior(2E) 18-8-1 to 19-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Provide adequate drainage to prevent water ponding.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Solid blocking is required on both sides of the truss at joint(s), 10.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=103, 9=307.
12) n/a
13) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:
November 29,2021

Continued on page 2

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Tampa, FL 36610

LOAD CASE(S) Standard

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	PB5	Piggyback	3	1	T26087730

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:36 2021 Page 1
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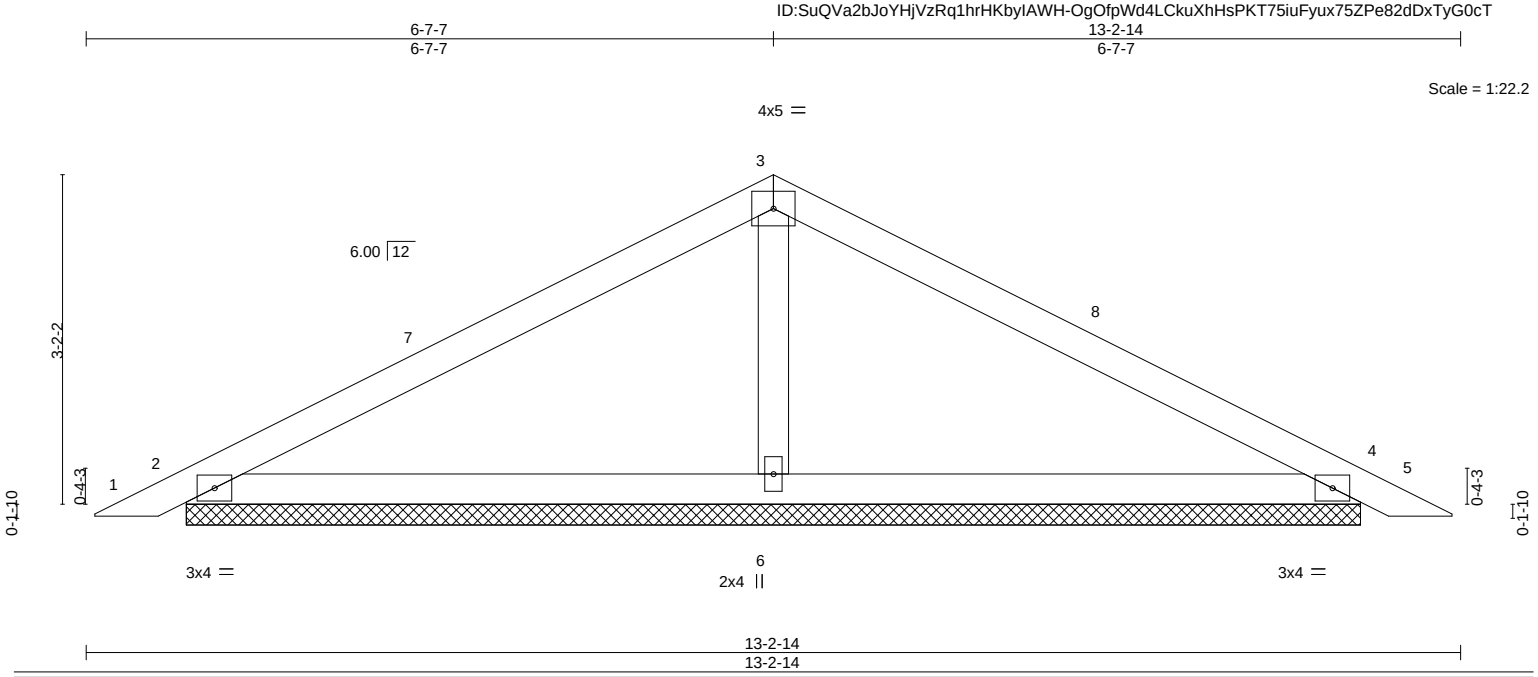


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	0.02	5	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	0.03	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 42 lb	FT = 20%

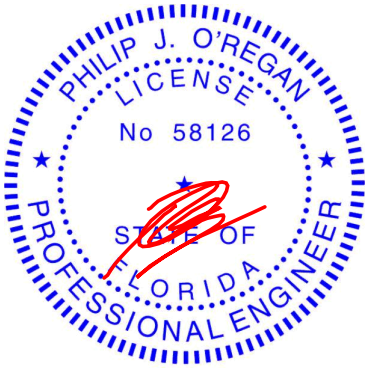
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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) 2=11-3-12, 4=11-3-12, 6=11-3-12
Max Horz 2=51(LC 11)
Max Uplift 2=-38(LC 12), 4=-38(LC 12)
Max Grav 2=224(LC 21), 4=224(LC 22), 6=457(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-289/156

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) 0-4-11 to 3-4-11, Interior(1) 3-4-11 to 6-7-7, Exterior(2R) 6-7-7 to 9-7-7, Interior(1) 9-7-7 to 12-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) n/a
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



Philip J. O'Regan PE No.58126
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Date:
November 29,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ***ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information*** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

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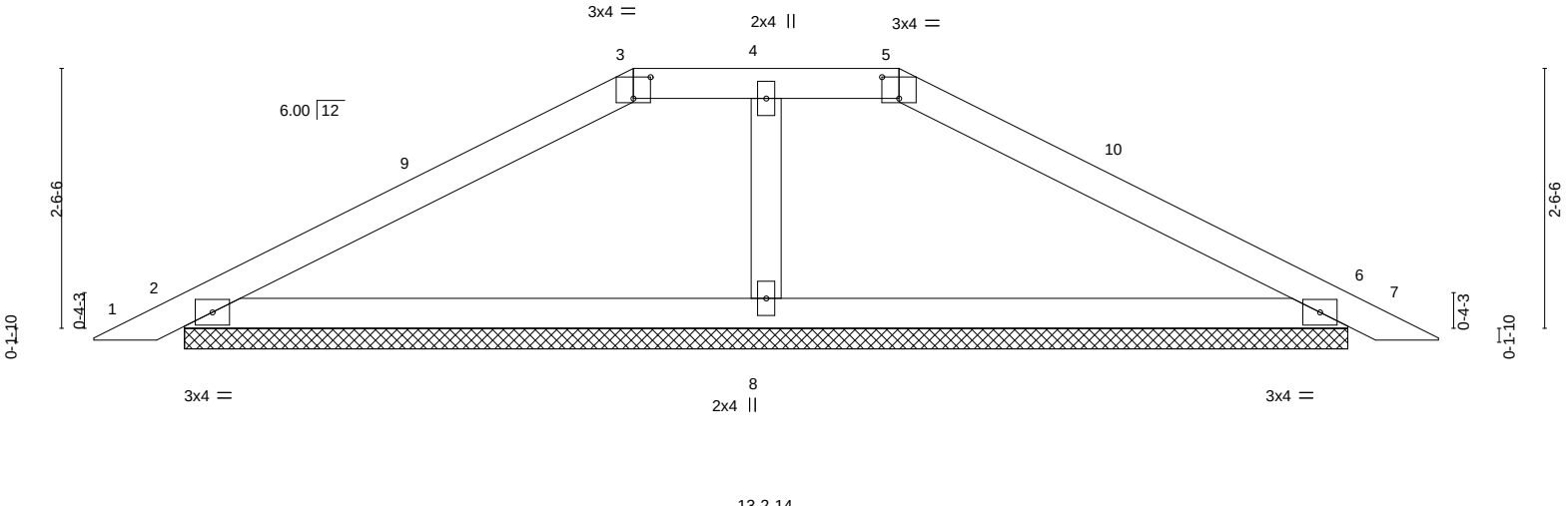
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2169-A-Frame
613839	PB6	Piggyback	1	1	T26087731
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Wed Nov 24 08:57:37 2021 Page 1
ID:SuQVa2bJoYHjVzRq1hrHKbyIAWH-ssy10sdj6Wsk9rr2y2_MewRSRIHHq0AnNiMmTvyG0cS

5-3-15 | 7-10-15 | 13-2-14
5-3-15 | 2-7-0 | 5-3-15

Scale = 1:22.4



13-2-14
13-2-14

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.30	Vert(LL)	0.01	7	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	0.02	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 41 lb	FT = 20%

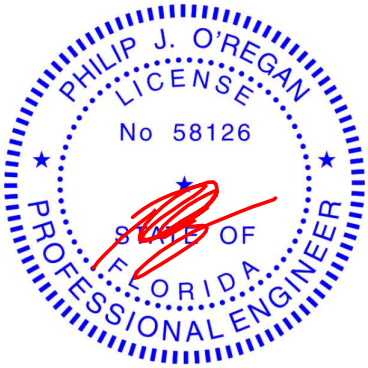
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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) 2=11-3-12, 6=11-3-12, 8=11-3-12
Max Horz 2=-41(LC 10)
Max Uplift 2=-60(LC 12), 6=-60(LC 12)
Max Grav 2=312(LC 1), 6=312(LC 1), 8=298(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-332/184, 5-6=-332/183

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 Exterior(2E) 0-4-11 to 3-4-11, Interior(1) 3-4-11 to 5-3-15, Exterior(2E) 5-3-15 to 7-10-15, Exterior(2R) 7-10-15 to 12-3-5, Interior(1) 12-3-5 to 12-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
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) n/a
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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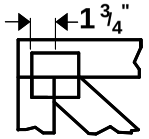
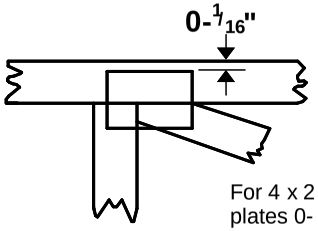
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

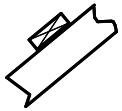
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

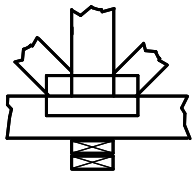
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

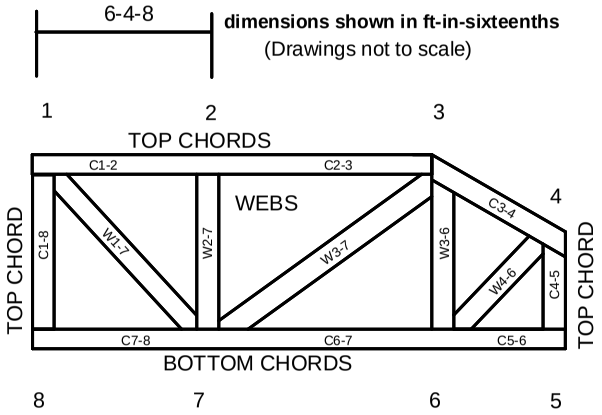


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

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MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

21.The design does not take into account any dynamic or other loads other than those expressly stated.