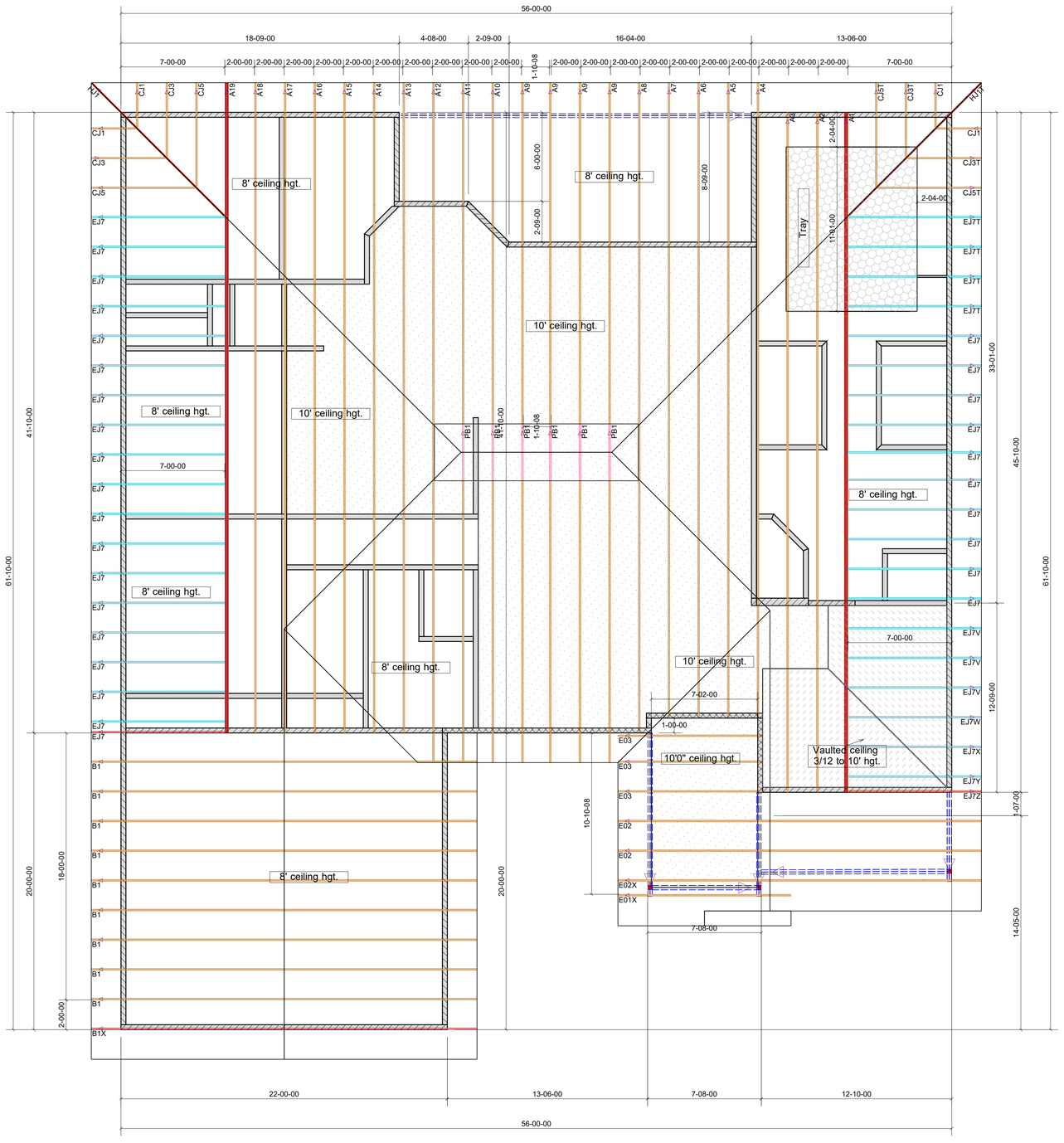


Hatch Legend
11.5" Deep Tray
3/12 Vauled Ceiling
10'-0" Flat Ceiling
8'1" bearing hgt.
10'1" bearing hgt.

*** Approved By: _____ Delivery Date: _____

Please Print Name | Employed By | Approval Date

TIBBETTS LUMBER CO., LLC

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

CLIENT APPROVAL

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

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

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

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

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

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

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

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

TYPICAL DESIGN CRITERIA

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

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

Mitek Engineering			Exposure	:	B
Building Code	:	FBC 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	:	4"	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					"z	TYP: THD46		
"a	JUS24	G	THDH28-2	M	HJC26	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 :2265-CR-Tray-Frame
Address:	Lot # 13 Forest Country
	Lake City, Florida

Rev.

Date	:	11/19/21	Scale	:	1/4" = 1'-0"	D= 1/4
Revised	:	.	Drawn By	:	Steve R.	
Sheet #	:	1 of 1	Job #	:	613840	

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

RE: 613840 - 2265-Cr-Tray

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

Site Information:

Customer Info: Adams Homes-Gainesville Project Name: - Model: 2265-CR-Tray
Lot/Block: 13 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):

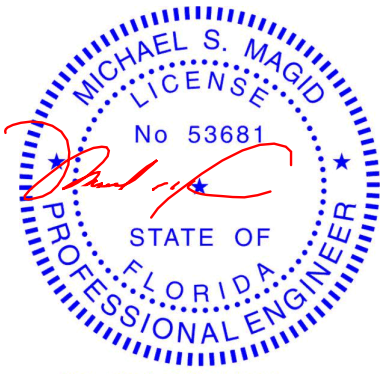
Design Code: FBC2020/TPI2014 Design Program: MiTek 20/20 8.5
Wind Code: ASCE 7-16 Wind Speed: 130 mph
Roof Load: 37.0 psf Floor Load: N/A psf

This package includes 40 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	T26099152	A1	11/29/21	23	T26099174	CJ3	11/29/21
2	T26099153	A2	11/29/21	24	T26099175	CJ3T	11/29/21
3	T26099154	A3	11/29/21	25	T26099176	CJ5	11/29/21
4	T26099155	A4	11/29/21	26	T26099177	CJ5T	11/29/21
5	T26099156	A5	11/29/21	27	T26099178	E01X	11/29/21
6	T26099157	A6	11/29/21	28	T26099179	E02	11/29/21
7	T26099158	A7	11/29/21	29	T26099180	E02X	11/29/21
8	T26099159	A8	11/29/21	30	T26099181	E03	11/29/21
9	T26099160	A9	11/29/21	31	T26099182	EJ7	11/29/21
10	T26099161	A10	11/29/21	32	T26099183	EJ7T	11/29/21
11	T26099162	A11	11/29/21	33	T26099184	EJ7V	11/29/21
12	T26099163	A12	11/29/21	34	T26099185	EJ7W	11/29/21
13	T26099164	A13	11/29/21	35	T26099186	EJ7X	11/29/21
14	T26099165	A14	11/29/21	36	T26099187	EJ7Y	11/29/21
15	T26099166	A15	11/29/21	37	T26099188	EJ7Z	11/29/21
16	T26099167	A16	11/29/21	38	T26099189	HJ1	11/29/21
17	T26099168	A17	11/29/21	39	T26099190	HJ1T	11/29/21
18	T26099169	A18	11/29/21	40	T26099191	PB1	11/29/21
19	T26099170	A19	11/29/21				
20	T26099171	B1	11/29/21				
21	T26099172	B1X	11/29/21				
22	T26099173	CJ1	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: Magid, Michael
My license renewal date for the state of Florida is February 28, 2023.



Michael S. Magid PE No.53681
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: November 29,2021

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.

RE: $JOBNAME - $JOBDESC

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

Site Information:

Customer Info: $SI_CUSTOMER Project Name: $SI_JOBNAME Model: $SI_MODEL
Lot/Block: $SI_LOTNUM Subdivision: $SI_SUBDIV
Address: $SI_SITEADDR
City: $SI_SITECITY State: $SI_SITESTATE

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A1	Half Hip Girder	1	2	T26099152

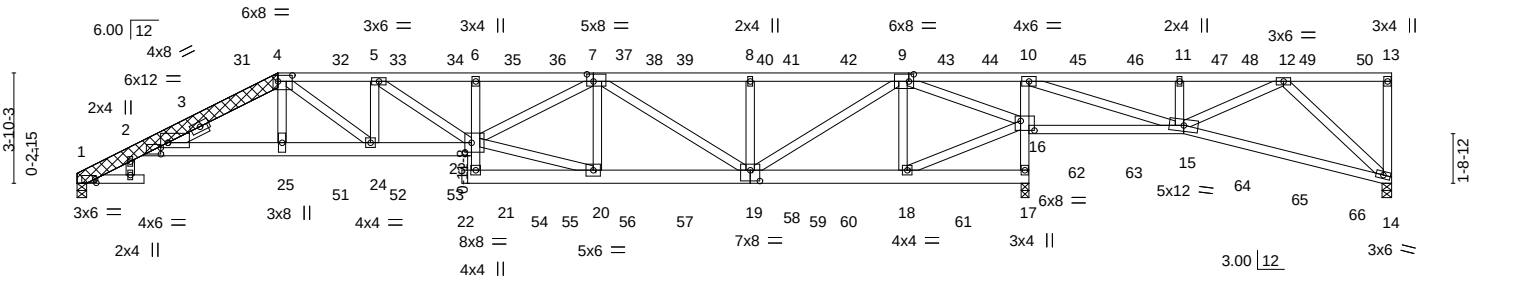
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:23 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-tfIxGSpl5nBQeT4QfQm?hhMzZBdtccmPnL_iB2yEOzs

2-0-0	2-4-0	7-0-0	10-4-8	13-9-0	18-1-11	23-5-10	28-9-9	33-2-4	38-7-0	42-0-12	45-10-0
2-0-0	0-4-0	4-8-0	3-4-8	3-4-8	4-4-11	5-3-15	5-3-15	4-4-11	5-4-12	3-5-12	3-9-4

Scale = 1:80.3



APPLY 2x6 x 7-11-12 SP DSS SCAB(S) TO EACH FACE OF 2-PLY TRUSS AS SHOWN.
ATTACH WITH (0.131" X 3") NAILS PER THE FOLLOWING NAIL SCHEDULE:
2 x 6'S AND LARGER - 3 ROWS: SPACED @ 4" O.C.
USE 2" MEMBER END DISTANCE.

2-0-0	2-4-0	7-0-0	10-4-8	13-9-0	18-1-11	23-5-10	28-9-9	33-2-4	38-7-0	45-10-0
2-0-0	0-4-0	4-8-0	3-4-8	3-4-8	4-4-11	5-3-15	5-3-15	4-4-11	5-4-12	7-3-0

Plate Offsets (X,Y)-- [1:0-0-8,0-1-8], [2:0-3-0,0-4-12], [2:0-3-0,0-2-2], [4:0-6-0,0-2-8], [7:0-2-12,0-3-0], [9:0-2-0,0-3-0], [16:0-5-12,0-4-0], [19:0-4-0,0-4-8], [23:0-2-12,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.81	Vert(LL)	-0.34	22	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.72	Vert(CT)	-0.60	22	>659	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.55	Horz(CT)	0.23	17	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.25	22	>999	240	Weight: 647 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x6 SP DSS
BOT CHORD	2x4 SP No.2 *Except* 2-23: 2x6 SP DSS, 19-22,17-19: 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 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-2-6 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 17-18,15-16 5-8-14 oc bracing: 16-17. 10-0-0 oc bracing: 21-23

REACTIONS. (size) 1=0-4-0, 14=0-4-0, 17=0-3-4
Max Horz 1=85(LC 32)
Max Uplift 1=-649(LC 8), 14=-27(LC 5), 17=-473(LC 8)
Max Grav 1=2678(LC 36), 14=600(LC 18), 17=4526(LC 1)

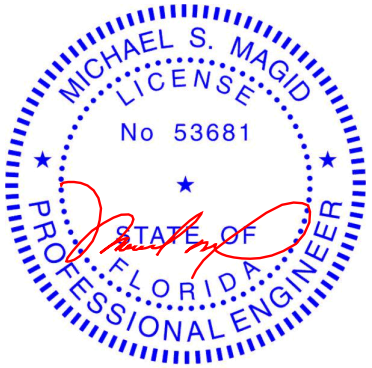
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

TOP CHORD	1-2=-1181/241, 2-4=-7327/1976, 4-5=-7639/1593, 5-6=-8027/1368, 6-7=-7937/1354, 7-8=-4132/446, 8-9=-4132/446, 9-10=-683/4041, 10-11=-277/455, 11-12=-286/484, 13-14=-320/105
BOT CHORD	2-25=-1851/6772, 24-25=-1862/6887, 23-24=-1593/7639, 6-23=-354/109, 20-21=-139/989, 19-20=-787/5696, 18-19=-32/1254, 16-17=-4413/528, 10-16=-1827/320, 15-16=-4032/695, 14-15=-57/285
WEBS	4-25=-196/1982, 4-24=0/1361, 5-24=-683/0, 5-23=-32/766, 20-23=-677/4864, 7-23=-651/2620, 7-20=-915/296, 7-19=-1853/404, 8-19=-617/196, 9-19=-494/3454, 9-18=-322/145, 16-18=-43/1482, 9-16=-5651/765, 10-15=-455/3896, 11-15=-435/141, 12-15=-648/264, 12-14=-311/71

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) N/A
4) Unbalanced roof live loads have been considered for this design.
5) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=46ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
6) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
7) Provide adequate drainage to prevent water ponding.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

Continued on page 2



Michael S. Magid PE No.53681
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date: November 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Bearing at joint(s) 1, 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 649 lb uplift at joint 1, 27 lb uplift at joint 14 and 473 lb uplift at joint 17.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 215 lb down and 943 lb up at 7-0-0, 98 lb down and 57 lb up at 9-0-12, 98 lb down and 57 lb up at 11-0-12, 98 lb down and 57 lb up at 13-0-12, 106 lb down and 67 lb up at 15-0-12, 106 lb down and 67 lb up at 17-0-12, 106 lb down and 67 lb up at 19-0-12, 106 lb down and 67 lb up at 21-0-12, 106 lb down and 67 lb up at 22-11-0, 106 lb down and 67 lb up at 24-9-4, 106 lb down and 67 lb up at 26-9-4, 106 lb down and 67 lb up at 28-9-4, 106 lb down and 67 lb up at 30-9-4, 106 lb down and 67 lb up at 32-9-4, 105 lb down and 66 lb up at 34-9-4, 105 lb down and 66 lb up at 36-9-4, 105 lb down and 66 lb up at 38-9-4, 110 lb down and 36 lb up at 40-9-4, 108 lb down and 55 lb up at 42-9-4, and 112 lb down and 66 lb up at 44-9-4, and 141 lb down and 64 lb up at 45-8-4 on top chord, and 1242 lb down and 110 lb up at 7-0-0, 82 lb down at 9-0-12, 82 lb down at 11-0-12, 82 lb down at 13-0-12, 85 lb down at 15-0-12, 85 lb down at 17-0-12, 85 lb down at 19-0-12, 85 lb down at 21-0-12, 85 lb down at 22-11-0, 85 lb down at 24-9-4, 85 lb down at 26-9-4, 85 lb down at 28-9-4, 85 lb down at 30-9-4, 85 lb down at 33-0-8, 83 lb down at 34-9-4, 83 lb down at 36-9-4, 83 lb down at 38-7-0, 62 lb down and 23 lb up at 40-9-4, and 62 lb down at 42-9-4, and 82 lb down at 44-9-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

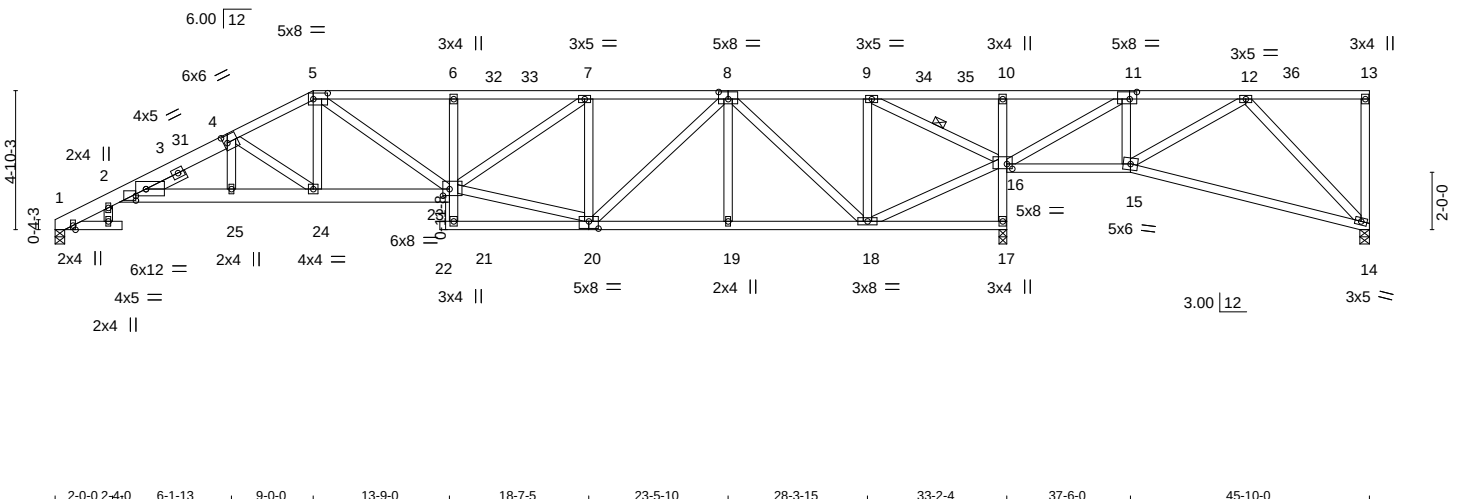
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-30=-76, 4-30=-54, 4-13=-54, 2-23=-20, 21-22=-20, 17-21=-20, 15-16=-20, 14-15=-20
   Concentrated Loads (lb)
   Vert: 4=231(B) 13=-141(B) 17=-61(B) 10=-106(B) 15=-62(B) 25=-1232(B) 18=-61(B) 9=-106(B) 32=-98(B) 33=-98(B) 34=-98(B) 35=-106(B) 37=-106(B) 38=-106(B) 39=-106(B) 40=-106(B) 41=-106(B) 42=-106(B) 44=-106(B) 45=-105(B) 46=-105(B) 47=-105(B) 48=-105(B) 49=-108(B) 50=-112(B) 51=-72(B) 52=-72(B) 53=-72(B) 54=-61(B) 55=-61(B) 56=-61(B) 57=-61(B) 58=-61(B) 59=-61(B) 60=-61(B) 61=-61(B) 62=-62(B) 63=-62(B) 64=-62(B) 65=-59(B) 66=-59(B)

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A2	Half Hip	1	1	T26099153
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:48 2021 Page 1
ID:BVCPOonomzlvFXJ68ELDtZyqIf8-fSJOW?6RCSLt8JUEdAjtCyuGtGBGzq95XkXXa6yEOzT

2-0-0	2-4-0	6-1-13	9-0-0	13-9-0	18-7-5	23-5-10	28-3-15	33-2-4	37-6-0	41-6-4	45-10-0
2-0-0	0-4-0	3-9-12	2-10-3	4-9-0	4-10-5	4-10-5	4-10-5	4-10-5	4-3-12	4-0-4	4-3-12

Scale = 1:80.3



2-0-0	2-4-0	6-1-13	9-0-0	13-9-0	18-7-5	23-5-10	28-3-15	33-2-4	37-6-0	45-10-0
2-0-0	0-4-0	3-9-12	2-10-3	4-9-0	4-10-5	4-10-5	4-10-5	4-10-5	4-3-12	8-4-0

Plate Offsets (X,Y)-- [2:0-4-4,0-4-12], [2:0-4-4,0-2-14], [4:0-1-8,0-3-0], [5:0-6-0,0-2-8], [8:0-4-0,0-3-0], [11:0-3-0,0-3-0], [16:0-2-4,0-2-0], [20:0-4-0,0-3-0], [23:0-2-12,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.77	Vert(LL)	-0.22	22	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.41	22	>952	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.22	17	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.14	22	>999	240	Weight: 290 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x6 SP DSS
BOT CHORD	2x4 SP No.2 *Except* 2-23: 2x6 SP DSS
WEBS	2x4 SP No.2
SLIDER	Left 2x4 SP No.2 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-8-4 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 3-10-9 oc bracing. Except: 10-0-0 oc bracing: 21-23
WEBS	1 Row at midpt 9-16

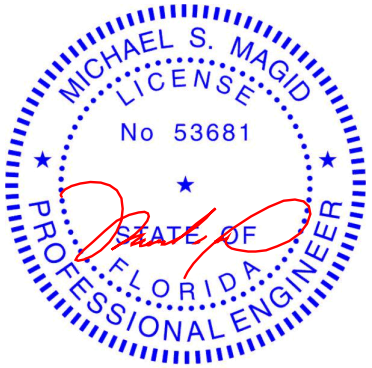
REACTIONS. (size) 14=0-4-0, 1=0-4-0, 17=0-3-4
Max Horz 1=109(LC 12)
Max Uplift 14=-42(LC 9), 1=-24(LC 12), 17=-119(LC 12)
Max Grav 14=138(LC 22), 1=1100(LC 1), 17=2213(LC 1)

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

TOP CHORD	1-2=-485/0, 2-4=-2860/264, 4-5=-2167/207, 5-6=-2237/216, 6-7=-2218/213, 7-8=-1619/130, 8-9=-280/0, 9-10=-175/1790, 10-11=-179/1803, 11-12=-97/632
BOT CHORD	2-25=-305/2635, 24-25=-306/2664, 23-24=-198/1917, 6-23=-275/107, 19-20=-75/1111, 18-19=-75/1111, 16-17=-2171/197, 10-16=-270/78, 15-16=-638/97
WEBS	4-25=-14/406, 4-24=-912/147, 5-24=-18/549, 5-23=-23/505, 20-23=-123/1459, 7-23=-104/746, 7-20=-704/139, 8-20=-75/696, 8-18=-1227/111, 9-18=-14/840, 16-18=-4/326, 9-16=-2281/192, 11-16=-1346/98, 11-15=0/462, 12-15=-653/120

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=46ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-2-0 to 4-9-0, Interior(1) 4-9-0 to 9-0-0, Exterior(2R) 9-0-0 to 15-5-12, Interior(1) 15-5-12 to 45-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Bearing at joint(s) 14, 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 42 lb uplift at joint 14, 24 lb uplift at joint 1 and 119 lb uplift at joint 17.



Michael S. Magid PE No.53681
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

November 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A3	Half Hip	1	1	T26099154

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:50 2021 Page 1
ID:BVCPOonomzlvFXJ68ELDtZyqIf8-brR9xh8hk4bbOcedlblLHNzco3tVRo?O_20ee_yEOzR

2-0-0 2-4-0 | 6-1-12 | 11-0-0 | 13-9-0 | 18-6-12 | 23-5-10 | 28-4-8 | 33-2-4 | 37-6-0 | 41-6-4 | 45-10-0
2-0-0 0-4-0 | 3-9-12 | 4-10-4 | 2-9-0 | 4-9-12 | 4-10-14 | 4-10-14 | 4-9-12 | 4-3-12 | 4-0-4 | 4-3-12

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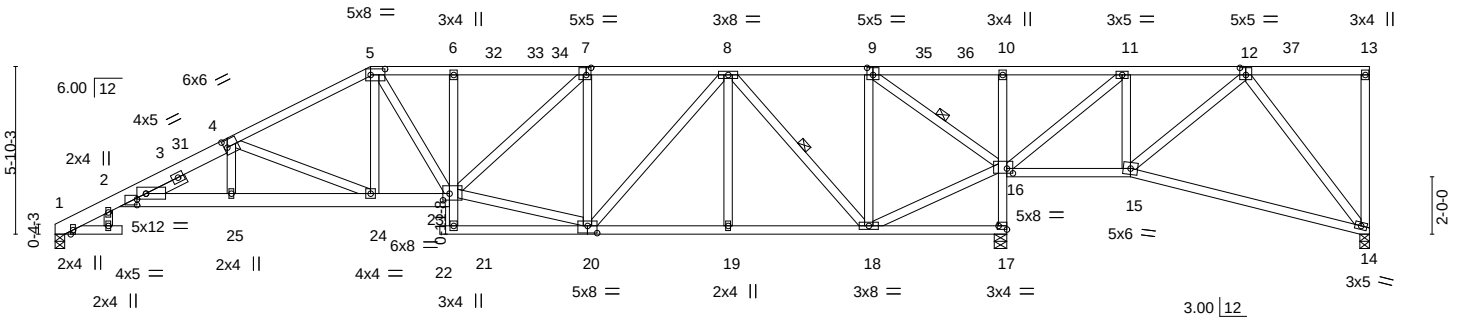


2-0-0 2-4-0 | 6-1-12 | 11-0-0 | 13-9-0 | 18-6-12 | 23-5-10 | 28-4-8 | 33-2-4 | 37-6-0 | 45-10-0
2-0-0 0-4-0 | 3-9-12 | 4-10-4 | 2-9-0 | 4-9-12 | 4-10-14 | 4-10-14 | 4-9-12 | 4-3-12 | 8-4-0

Plate Offsets (X,Y)-- [2:0-3-12,0-4-12], [2:0-3-12,0-2-6], [4:0-1-4,0-3-0], [5:0-6-0,0-2-8], [7:0-2-0,0-3-0], [9:0-2-8,0-3-0], [12:0-2-8,0-3-0], [16:0-2-8,0-2-0], [17:Edge,0-1-8], [20:0-4-0,0-3-0], [23:0-2-12,0-2-12]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.74	Vert(LL)	-0.19	25-29	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.37	25-29	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.20	17	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.13	25-29	>999	240	Weight: 310 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x6 SP DSS
BOT CHORD	2x4 SP No.2 *Except* 2-23: 2x6 SP DSS
WEBS	2x4 SP No.2
SLIDER	Left 2x4 SP No.2 1-6-0

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-1-10 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 3-9-9 oc bracing. Except: 10-0-0 oc bracing: 21-23
WEBS	1 Row at midpt 8-18, 9-16

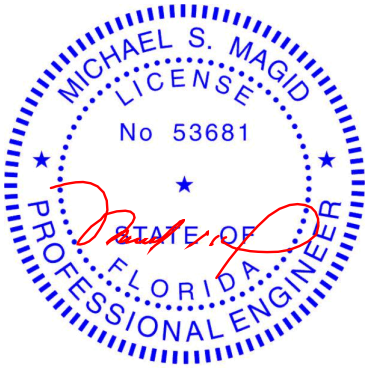
REACTIONS. (size) 1=0-4-0, 14=0-4-0, 17=0-5-4
Max Horz 1=132(LC 12)
Max Uplift 1=-17(LC 12), 14=-43(LC 9), 17=-136(LC 12)
Max Grav 1=1063(LC 1), 14=82(LC 22), 17=2348(LC 1)

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

TOP CHORD	1-2=-468/0, 2-4=-2744/240, 4-5=-1792/164, 5-6=-1615/167, 6-7=-1613/168, 7-8=-1207/104, 9-10=-178/1644, 10-11=-180/1650, 11-12=-104/681
BOT CHORD	2-25=-329/2540, 24-25=-327/2567, 23-24=-166/1552, 19-20=-48/777, 18-19=-48/777, 16-17=-2308/223, 15-16=-704/104
WEBS	4-25=0/388, 4-24=-1106/180, 5-24=-13/493, 5-23=-20/252, 20-23=-110/1088, 7-23=-87/560, 7-20=-658/148, 8-20=-85/682, 8-18=-1177/118, 9-18=-37/1000, 9-16=-2028/188, 11-16=-1226/101, 11-15=0/564, 12-15=-706/126, 12-14=-8/282

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=46ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) 0-2-0 to 4-9-0, Interior(1) 4-9-0 to 11-0-0, Exterior(2R) 11-0-0 to 17-5-13, Interior(1) 17-5-13 to 45-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Bearing at joint(s) 1, 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 17 lb uplift at joint 1, 43 lb uplift at joint 14 and 136 lb uplift at joint 17.



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Date:

November 29,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A4	Roof Special	1	1	T26099155
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:51 2021 Page 1
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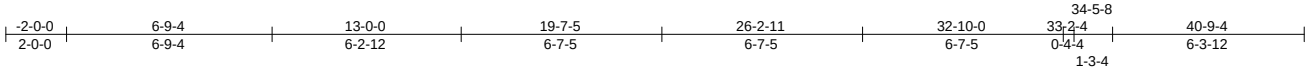

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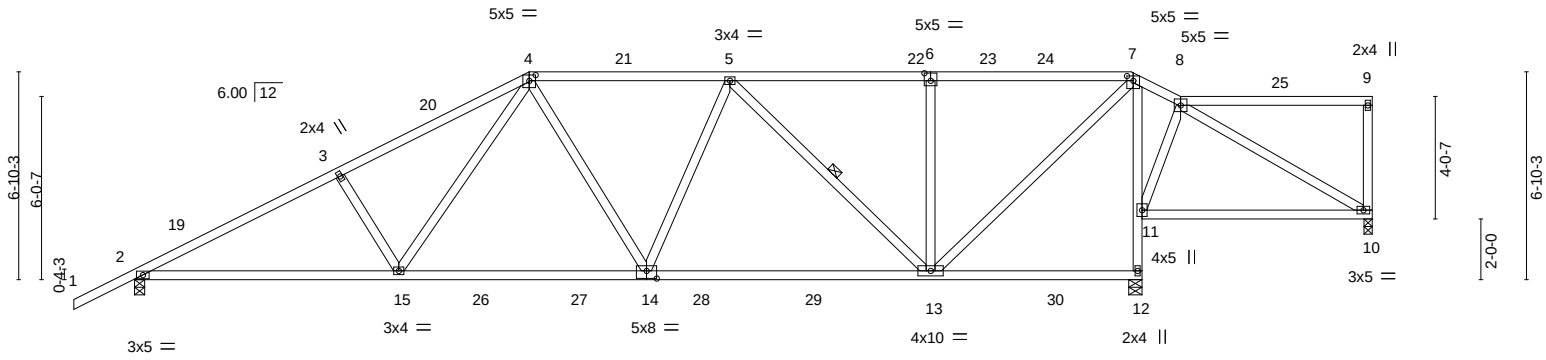


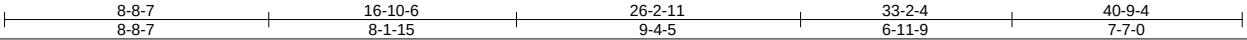


Plate Offsets (X,Y)-- [4:0-2-8,0-2-4], [6:0-2-8,0-3-0], [7:0-2-8,0-1-14], [14:0-4-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.46	Vert(LL)	-0.26	13-14	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.45	13-14	>876	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.07	12	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.06	14-15	>999	240	Weight: 232 lb	FT = 20%

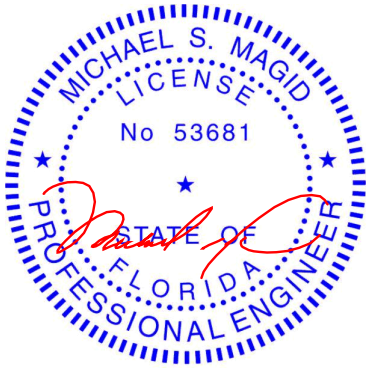
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-13

REACTIONS. (size) 10=0-3-4, 2=0-4-0, 12=0-5-4
Max Horz 2=173(LC 12)
Max Uplift 10=-22(LC 9), 2=-105(LC 12), 12=-85(LC 12)
Max Grav 10=214(LC 24), 2=1494(LC 17), 12=1833(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2531/179, 3-4=-2395/193, 4-5=-1769/155, 5-6=-1139/105, 6-7=-1139/105
BOT CHORD 2-15=-263/2266, 14-15=-174/1684, 13-14=-152/1680, 11-12=-1715/186, 7-11=-1392/166
WEBS 3-15=-346/143, 4-15=-29/740, 4-14=0/297, 5-14=-23/274, 5-13=-755/98, 6-13=-372/124, 7-13=-120/1690

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 32-10-12, Exterior(2E) 32-10-12 to 34-5-8, Interior(1) 34-5-8 to 40-7-8 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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 22 lb uplift at joint 10, 105 lb uplift at joint 2 and 85 lb uplift at joint 12.



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6904 Parke East Blvd. Tampa FL 33610
Date:

November 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A5	Roof Special	1	1	T26099156

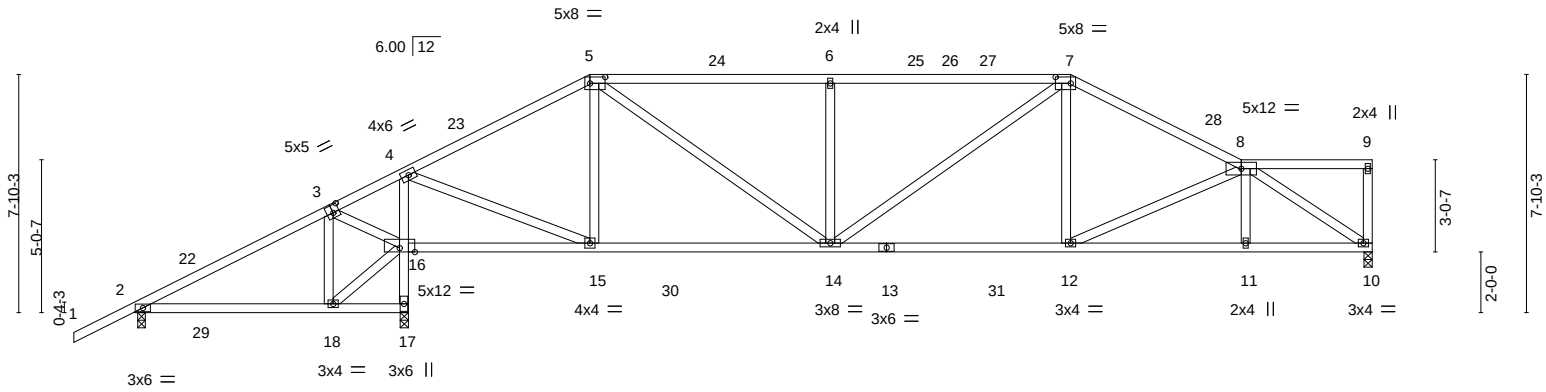
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:52 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-XEYvMM9xGhrJdwo?s0opNo3xYtXqvg5hSMVljtyEOzP

-2-0-0	6-4-12	9-0-4	15-0-0	22-11-0	30-10-0	36-5-8	40-9-4
2-0-0	6-4-12	2-7-8	5-11-12	7-11-0	7-11-0	5-7-8	4-3-12

Scale = 1:75.9



0-1-4	6-4-12	8-10-10 9-0-4	15-0-0	22-11-0	30-10-0	36-5-8	40-9-4
0-1-4	6-3-8	2-5-14 0-1-10	5-11-12	7-11-0	7-11-0	5-7-8	4-3-12

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	-0.15	12-14	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.28	12-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.80	Horz(CT)	0.05	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.08	18-21	>999	240	Weight: 230 lb	FT = 20%

LUMBER-

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

BRACING-

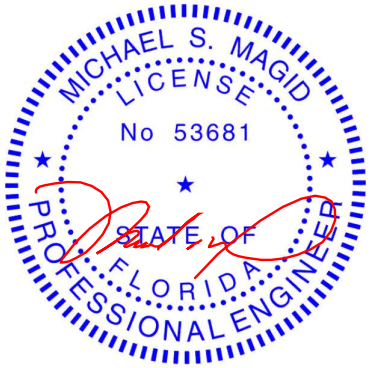
TOP CHORD Structural wood sheathing directly applied or 3-2-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-3-14 oc bracing.

REACTIONS. (size) 10=0-3-4, 17=0-3-4, 2=0-3-0
Max Horz 2=149(LC 12)
Max Uplift 10=-54(LC 12), 17=-184(LC 12), 2=-116(LC 12)
Max Grav 10=1276(LC 18), 17=1859(LC 17), 2=329(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-116/606, 4-5=-1227/128, 5-6=-1808/212, 6-7=-1808/212, 7-8=-1832/185
BOT CHORD 16-17=-1875/417, 4-16=-1579/217, 15-16=-491/69, 14-15=-66/1059, 12-14=-121/1592, 11-12=-151/1719, 10-11=-148/1727
WEBS 3-18=-90/279, 3-16=-537/244, 4-15=-130/1615, 5-15=-376/137, 5-14=-90/962, 6-14=-492/158, 7-14=-19/380, 7-12=0/364, 8-10=-2040/176

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=41ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-0 to 2-0-15, Interior(1) 2-0-15 to 15-0-0, Exterior(2R) 15-0-0 to 19-0-15, Interior(1) 19-0-15 to 30-10-0, Exterior(2R) 30-10-0 to 34-10-15, Interior(1) 34-10-15 to 40-7-8 zone; cantilever 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 54 lb uplift at joint 10, 184 lb uplift at joint 17 and 116 lb uplift at joint 2.



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Date:

November 29,2021

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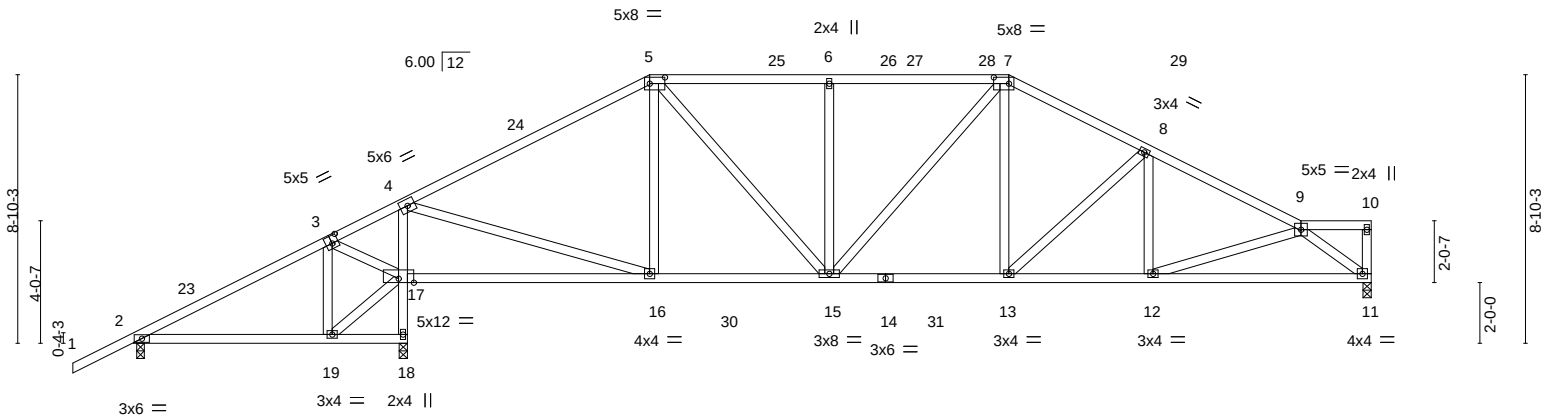
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A6	Roof Special	1	1	T26099157
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:54 2021 Page 1
ID:BVCPOonomzlvFXJ68ELDtZyqIf8-Tcgfm2BCoI50sEyO_RqHSD8lWhEUNi6zvg_rnlyEOzN

-2-0-0	6-4-12	9-0-4	17-0-0	22-11-0	28-10-0	33-5-4	38-5-8	40-9-4
2-0-0	6-4-12	2-7-8	7-11-12	5-11-0	5-11-0	4-7-4	5-0-4	2-3-12

Scale = 1:75.9



0-1-4	6-4-12	8-10-10	9-0-4	17-0-0	22-11-0	28-10-0	33-7-12	40-9-4
0-1-4	6-3-8	2-5-14	0-1-10	7-11-12	5-11-0	5-11-0	4-9-12	7-1-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.69	Vert(LL)	-0.13	16-17	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.26	16-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.05	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.05	15	>999	240	Weight: 242 lb	FT = 20%

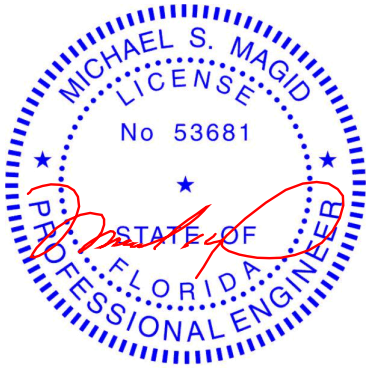
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-3-13 oc bracing.

REACTIONS. (size) 11=0-3-4, 18=0-3-4, 2=0-3-0
Max Horz 2=132(LC 11)
Max Uplift 11=-54(LC 12), 18=-97(LC 12), 2=-51(LC 12)
Max Grav 11=1309(LC 18), 18=1855(LC 17), 2=378(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-62/359, 4-5=-1407/171, 5-6=-1558/229, 6-7=-1558/229, 7-8=-1719/218, 8-9=-2024/195
BOT CHORD 17-18=-1872/188, 4-17=-1439/237, 15-16=-66/1209, 13-15=-91/1472, 12-13=-139/1766, 11-12=-155/1480
WEBS 3-17=-395/30, 4-16=-70/1402, 5-15=-67/594, 6-15=-367/119, 7-13=0/474, 8-13=-408/75, 9-12=0/317, 9-11=-1826/218

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=41ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-0 to 2-0-15, Interior(1) 2-0-15 to 17-0-0, Exterior(2R) 17-0-0 to 21-0-15, Interior(1) 21-0-15 to 28-10-0, Exterior(2R) 28-10-0 to 32-10-15, Interior(1) 32-10-15 to 40-7-8 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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 54 lb uplift at joint 11, 97 lb uplift at joint 18 and 51 lb uplift at joint 2.



Michael S. Magid PE No.53681
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

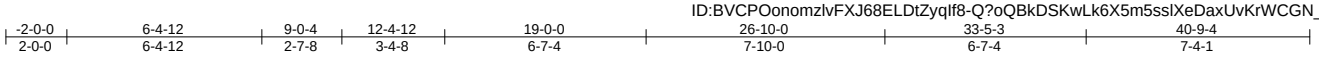
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A7	Hip	1	1	T26099158

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:56 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-Q?oQBkDSKwLk6X5m5sslXeDaxUvKrWCGN_TyseyEOzL



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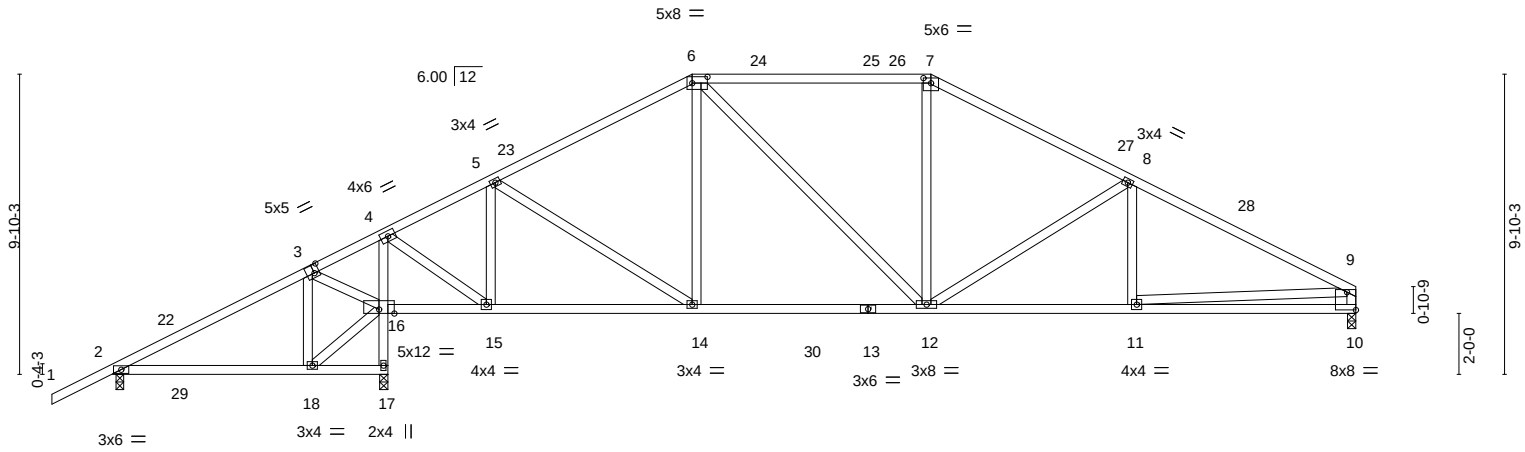


Plate Offsets (X,Y)-- [3:0-2-0,0-3-4], [6:0-6-0,0-2-8], [7:0-3-0,0-2-0], [10:Edge,0-7-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.95	Vert(LL)	-0.14	12-14	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.24	12-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.04	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.08	18-21	>999	240	Weight: 238 lb	FT = 20%

LUMBER-

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

BRACING-

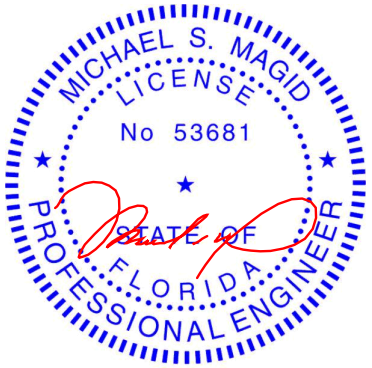
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-3-10 oc bracing.

REACTIONS. (size) 17=0-3-4, 10=0-3-4, 2=0-3-0
Max Horz 2=162(LC 11)
Max Uplift 17=-164(LC 12), 10=-54(LC 12), 2=-137(LC 12)
Max Grav 17=1882(LC 17), 10=1296(LC 18), 2=334(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-69/681, 4-5=-830/87, 5-6=-1327/174, 6-7=-1343/209, 7-8=-1554/197, 8-9=-2033/181, 9-10=-1174/145
BOT CHORD 16-17=-1898/375, 4-16=-1621/136, 15-16=-603/107, 14-15=-21/796, 12-14=-8/1169, 11-12=-110/1747, 10-11=-55/376
WEBS 3-18=-93/293, 3-16=-593/277, 4-15=-151/1614, 5-15=-742/153, 5-14=0/506, 6-12=-38/335, 7-12=0/355, 8-12=-547/101, 9-11=-77/1376

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=41ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-0 to 2-0-15, Interior(1) 2-0-15 to 19-0-0, Exterior(2R) 19-0-0 to 24-9-3, Interior(1) 24-9-3 to 26-10-0, Exterior(2R) 26-10-0 to 32-7-3, Interior(1) 32-7-3 to 40-7-8 zone; cantilever 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 164 lb uplift at joint 17, 54 lb uplift at joint 10 and 137 lb uplift at joint 2.



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A8	Hip	1	1	T26099159

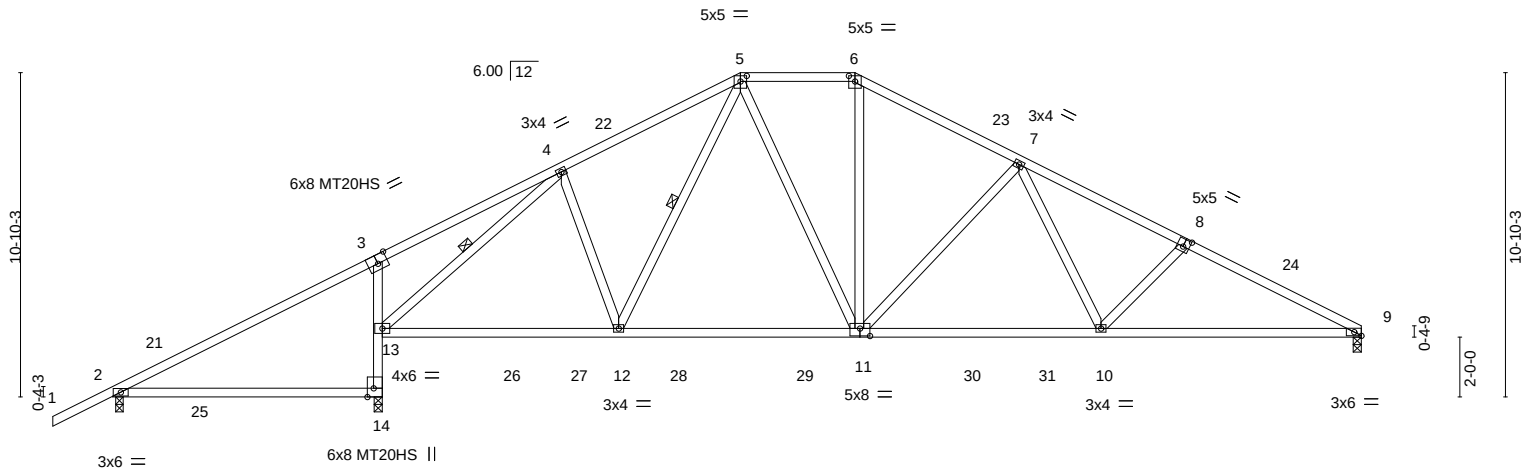
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:57 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-uBMoP4D45DTbjhgzfZN_3smnAuBdaxVQbeDVO4yEOzK

-2-0-0	4-9-6	9-0-4	15-0-2	21-0-0	24-10-0	30-3-13	35-9-11	41-9-4
2-0-0	4-9-6	4-2-14	5-11-14	5-11-14	3-10-0	5-5-13	5-5-13	5-11-9

Scale = 1:77.1



0-1-4	8-10-10	9-0-4	16-11-2	24-10-0	33-0-12	41-9-4
0-1-4	8-9-6	0-1-10	7-10-14	7-10-14	8-2-12	8-8-8

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.79	Vert(LL)	-0.22	14-20	>492	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.43	14-20	>246	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.07	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.35	14-20	>307	240	Weight: 227 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 3-2-11 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 4-13, 5-12

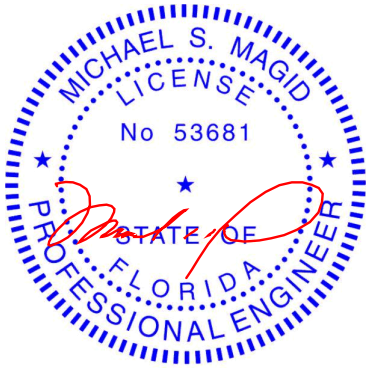
REACTIONS. (size) 14=0-3-4, 9=0-3-4, 2=0-3-0
Max Horz 2=170(LC 11)
Max Uplift 14=-153(LC 12), 9=-58(LC 12), 2=-148(LC 12)
Max Grav 14=1833(LC 17), 9=1398(LC 18), 2=410(LC 23)

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

TOP CHORD	4-5=-1515/221, 5-6=-1380/218, 6-7=-1607/213, 7-8=-2375/212, 8-9=-2554/224
BOT CHORD	13-14=-1717/162, 3-13=-422/185, 12-13=-51/1268, 11-12=-4/1246, 10-11=-81/1789, 9-10=-145/2250
WEBS	4-13=-1747/34, 4-12=0/295, 5-11=0/385, 6-11=-15/491, 7-11=-668/125, 7-10=0/604, 8-10=-301/116

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 21-0-0, Exterior(2E) 21-0-0 to 24-10-0, Exterior(2R) 24-10-0 to 29-0-15, Interior(1) 29-0-15 to 41-9-4 zone; cantilever 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) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint 14, 58 lb uplift at joint 9 and 148 lb uplift at joint 2.



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Date:

November 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A9	Piggyback Base	4	1	T26099160
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, Scale = 1:78.4 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:58 2021 Page 1
ID:BVCPOonomzlvFXJ68ELDtZyqIf8-MOwAcQEirXbSLrF9DGuDc3JyvIXuJOmZqIy3xXyEOzJ

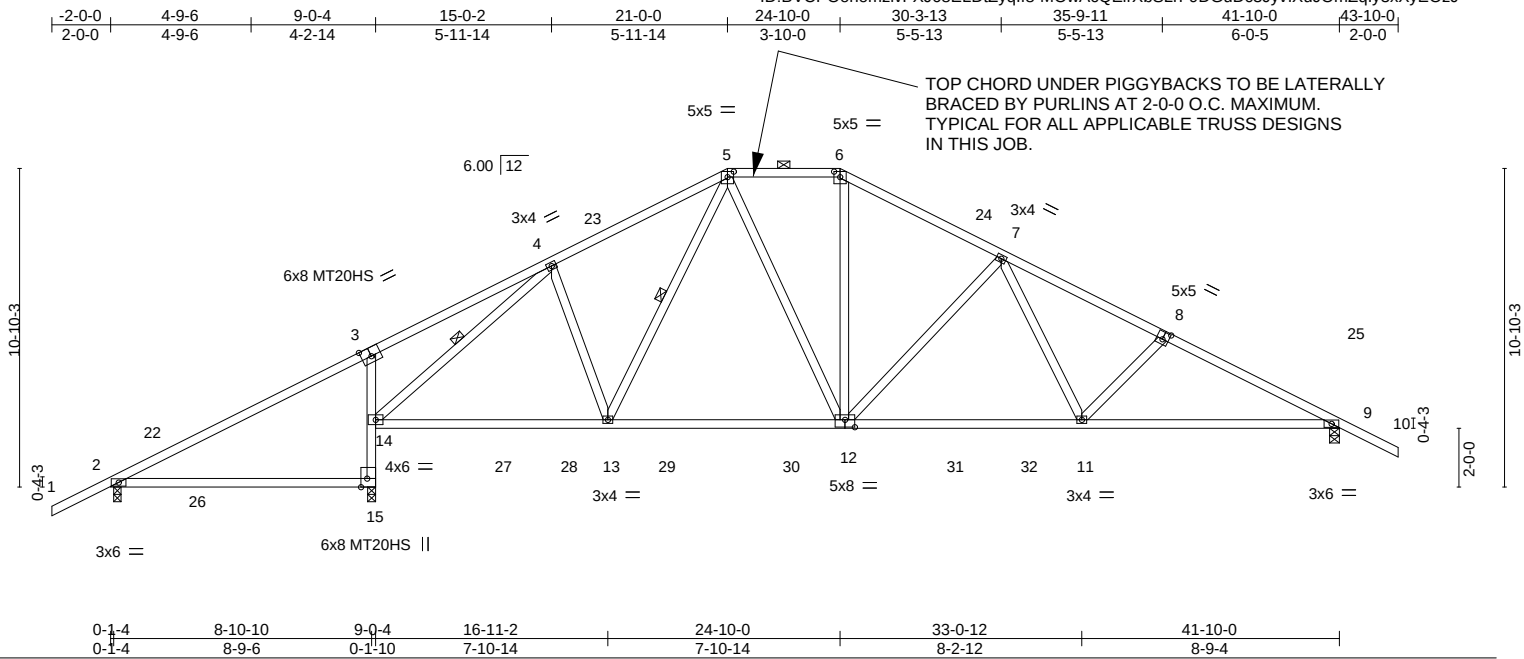


Plate Offsets (X,Y)-- [3:0-4-0,Edge], [5:0-2-8,0-2-4], [6:0-2-8,0-2-4], [8:0-2-8,0-3-0], [12:0-4-0,0-3-0], [15:0-3-8,Edge]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.80	Vert(LL)	-0.22	15-21	>492	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.43	15-21	>246	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.08	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.35	15-21	>307	240	Weight: 230 lb	FT = 20%

LUMBER-

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

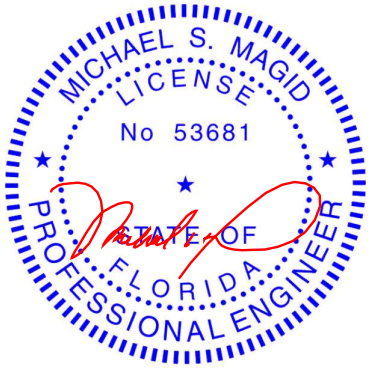
BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-2-14 oc purlins, except 2-0-0 oc purlins (5-0-6 max.): 5-6.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 4-14, 5-13

REACTIONS. (size) 15=0-3-4, 9=0-4-0, 2=0-3-0
Max Horz 2=174(LC 11)
Max Uplift 15=-130(LC 12), 9=-119(LC 12), 2=-166(LC 12)
Max Grav 15=1840(LC 17), 9=1496(LC 18), 2=409(LC 23)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-1515/229, 5-6=-1380/219, 6-7=-1607/214, 7-8=-2373/205, 8-9=-2554/213
BOT CHORD 14-15=-1723/138, 3-14=-422/184, 13-14=-24/1275, 12-13=0/1255, 11-12=-59/1786, 9-11=-119/2245
WEBS 4-14=-1756/2, 4-13=0/296, 5-12=0/385, 6-12=-16/491, 7-12=-667/123, 7-11=0/602, 8-11=-296/105

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 21-0-0, Exterior(2E) 21-0-0 to 24-10-0, Exterior(2R) 24-10-0 to 29-0-15, Interior(1) 29-0-15 to 43-10-0 zone; cantilever 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) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 130 lb uplift at joint 15, 119 lb uplift at joint 9 and 166 lb uplift at joint 2.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Michael S. Magid PE No.53681
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

November 29,2021

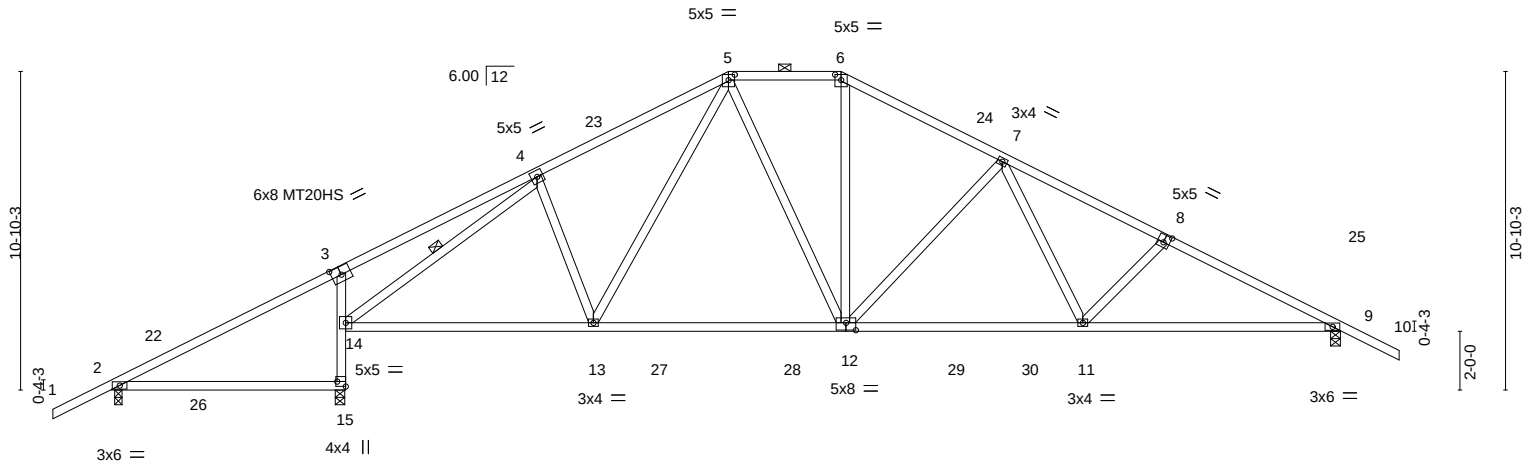
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A10	Piggyback Base	1	1	T26099161
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:26 2021 Page 1
ID:BVCPOonomzlvFXJ68ELDtZyqIf8-ID_4uTreOiZ?Vwp?LYKjJJ_XcOcIpwvsTJCMoNyEOzp

-2-0-0	7-11-10	14-5-13	21-0-0	24-10-0	30-3-13	35-9-11	41-10-0	43-10-0
2-0-0	7-11-10	6-6-3	6-6-3	3-10-0	5-5-13	5-5-13	6-0-5	2-0-0

Scale = 1:78.4



0-1-4	7-7-6	7-11-10	16-4-13	24-10-0	33-0-12	41-10-0
0-1-4	7-6-2	0-4-4	8-5-3	8-5-3	8-2-12	8-9-4

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.24	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.93	Vert(CT)	-0.38	12-13	>999	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.09	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.21	15-21	>456	240	Weight: 230 lb	FT = 20%

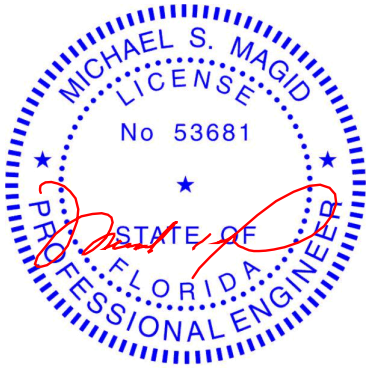
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-1-13 oc purlins, except
2-0-0 oc purlins (4-10-6 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 4-14

REACTIONS. (size) 15=0-3-14, 9=0-4-0, 2=0-3-0
Max Horz 2=174(LC 11)
Max Uplift 15=-123(LC 12), 9=-120(LC 12), 2=-154(LC 12)
Max Grav 15=1811(LC 17), 9=1536(LC 18), 2=372(LC 23)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-1700/231, 5-6=-1460/221, 6-7=-1697/215, 7-8=-2458/207, 8-9=-2639/216
BOT CHORD 14-15=-1710/140, 3-14=-405/167, 13-14=-36/1486, 12-13=0/1362, 11-12=-61/1865, 9-11=-121/2321
WEBS 4-14=-1892/37, 5-13=-27/338, 5-12=0/367, 6-12=-18/540, 7-12=-664/123, 7-11=0/596, 8-11=-296/104

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 21-0-0, Exterior(2E) 21-0-0 to 24-10-0, Exterior(2R) 24-10-0 to 29-0-15, Interior(1) 29-0-15 to 43-10-0 zone; cantilever 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) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 123 lb uplift at joint 15, 120 lb uplift at joint 9 and 154 lb uplift at joint 2.
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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November 29,2021

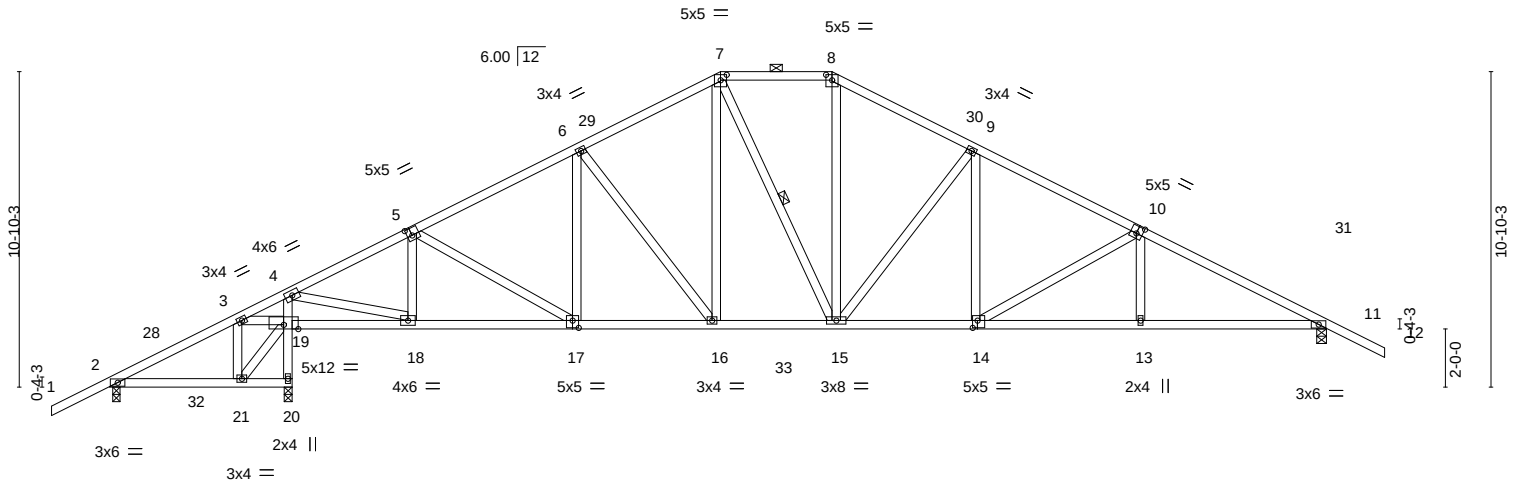
Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A11	Piggyback Base	1	1	T26099162
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:28 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-Ec5qJ9tuwJpjlEyOSzMBOk3wQCKtHqW9xdhTtGyEOzn

-2-0-0	4-4-12	6-3-4	10-4-13	16-0-11	21-0-0	24-10-0	29-9-4	35-5-5	41-10-0	43-10-0
2-0-0	4-4-12	1-10-8	4-1-9	5-7-14	4-11-5	3-10-0	4-11-4	5-8-0	6-4-11	2-0-0

Scale = 1:79.2



0-1-4	3-4-14	6-1-10	6-3-4	10-4-13	16-0-11	21-0-0	24-10-0	29-9-4	35-5-5	41-10-0
0-1-4	3-3-10	2-8-12	0-1-10	4-1-9	5-7-14	4-11-5	3-10-0	4-11-4	5-8-0	6-4-11

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.42	Vert(LL)	-0.14	13-14	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.73	Vert(CT)	-0.25	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.09	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.07	14	>999	240	Weight: 262 lb	FT = 20%

LUMBER-

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

BRACING-

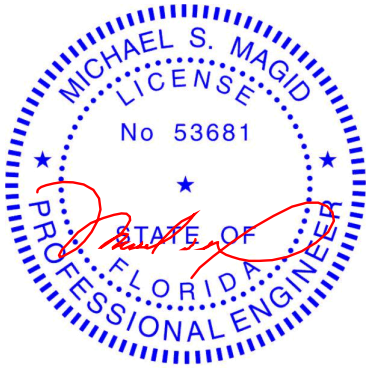
TOP CHORD Structural wood sheathing directly applied or 3-2-7 oc purlins, except 2-0-0 oc purlins (4-9-6 max.): 7-8.
BOT CHORD Rigid ceiling directly applied or 4-4-3 oc bracing.
WEBS 1 Row at midpt 7-15

REACTIONS. (size) 20=0-3-4, 11=0-4-0, 2=0-3-0
Max Horz 2=174(LC 11)
Max Uplift 20=-112(LC 12), 11=-122(LC 12), 2=-134(LC 12)
Max Grav 20=1839(LC 17), 11=1554(LC 18), 2=281(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-44/699, 4-5=-1779/149, 5-6=-1917/197, 6-7=-1675/225, 7-8=-1495/229, 8-9=-1731/228, 9-10=-2196/216, 10-11=-2729/199
BOT CHORD 19-20=-1838/247, 4-19=-1760/150, 18-19=-512/81, 17-18=-43/1647, 16-17=-23/1751, 15-16=0/1494, 14-15=-49/1883, 13-14=-106/2376, 11-13=-104/2382
WEBS 3-19=-527/193, 4-18=-124/2135, 5-18=-374/93, 6-16=-402/86, 7-16=-15/492, 8-15=-22/569, 9-15=-689/101, 9-14=0/471, 10-14=-575/67

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 21-0-0, Exterior(2E) 21-0-0 to 24-10-0, Exterior(2R) 24-10-0 to 29-0-15, Interior(1) 29-0-15 to 43-10-0 zone; cantilever 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 112 lb uplift at joint 20, 122 lb uplift at joint 11 and 134 lb uplift at joint 2.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Michael S. Magid PE No.53681
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

November 29,2021

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A12	Hip	1	1	T26099163
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:30 2021 Page 1
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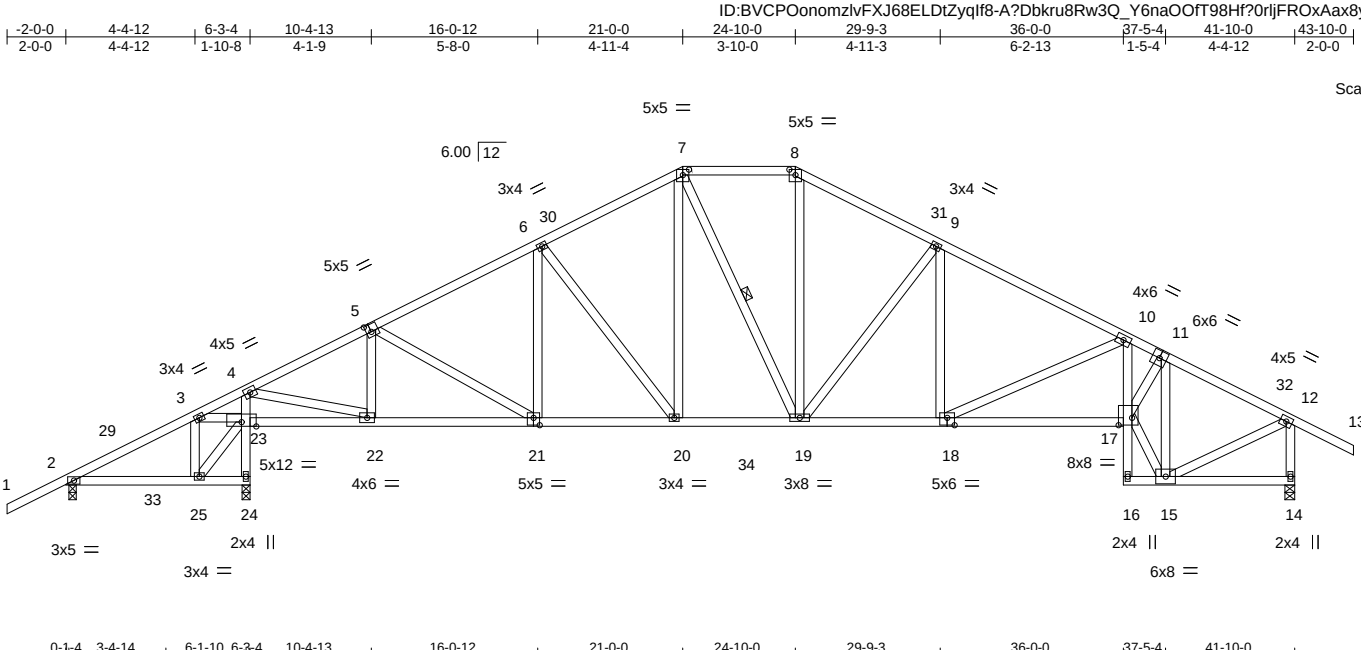


Plate Offsets (X,Y)-- [5:0-2-0,0-3-0], [7:0-2-8,0-2-4], [8:0-2-8,0-2-4], [17:0-5-8,0-3-0], [18:0-3-0,0-3-0], [21:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.37	Vert(LL)	-0.18	17-18	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.32	17-18	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.18	14	n/a	n/a		
BCDL	10.0	Code	FBC2020/TPI2014	Matrix-MS		Wind(LL)	0.07	18	>999	240	Weight: 287 lb	FT = 20%

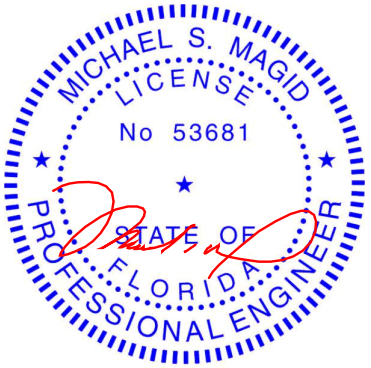
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-4-1 oc bracing.
WEBS 1 Row at midpt 7-19

REACTIONS. (size) 24=0-3-4, 14=0-4-0, 2=0-3-0
Max Horz 2=220(LC 11)
Max Uplift 24=-90(LC 12), 14=-128(LC 12), 2=-153(LC 12)
Max Grav 24=1845(LC 17), 14=1555(LC 18), 2=277(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-58/749, 4-5=-1757/157, 5-6=-1900/198, 6-7=-1660/225, 7-8=-1476/227, 8-9=-1715/227, 9-10=-2191/205, 10-11=-2716/195, 11-12=-1484/144, 12-14=-1487/218
BOT CHORD 23-24=-1845/260, 4-23=-1779/148, 22-23=-566/97, 21-22=-51/1637, 20-21=-35/1747, 19-20=0/1491, 18-19=-33/1885, 17-18=-98/2495, 10-17=0/328
WEBS 3-23=-553/188, 4-22=-129/2161, 5-22=-378/95, 6-20=-399/84, 7-20=-13/492, 8-19=-25/569, 9-19=-690/98, 9-18=0/439, 10-18=-688/72, 15-17=-56/2508, 11-17=-106/2282, 11-15=-2648/126, 12-15=-53/1366

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 21-0-0, Exterior(2E) 21-0-0 to 24-10-0, Exterior(2R) 24-10-0 to 29-0-15, Interior(1) 29-0-15 to 43-10-0 zone; cantilever left and right exposed ; end vertical 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 90 lb uplift at joint 24, 128 lb uplift at joint 14 and 153 lb uplift at joint 2.



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Date:
November 29,2021

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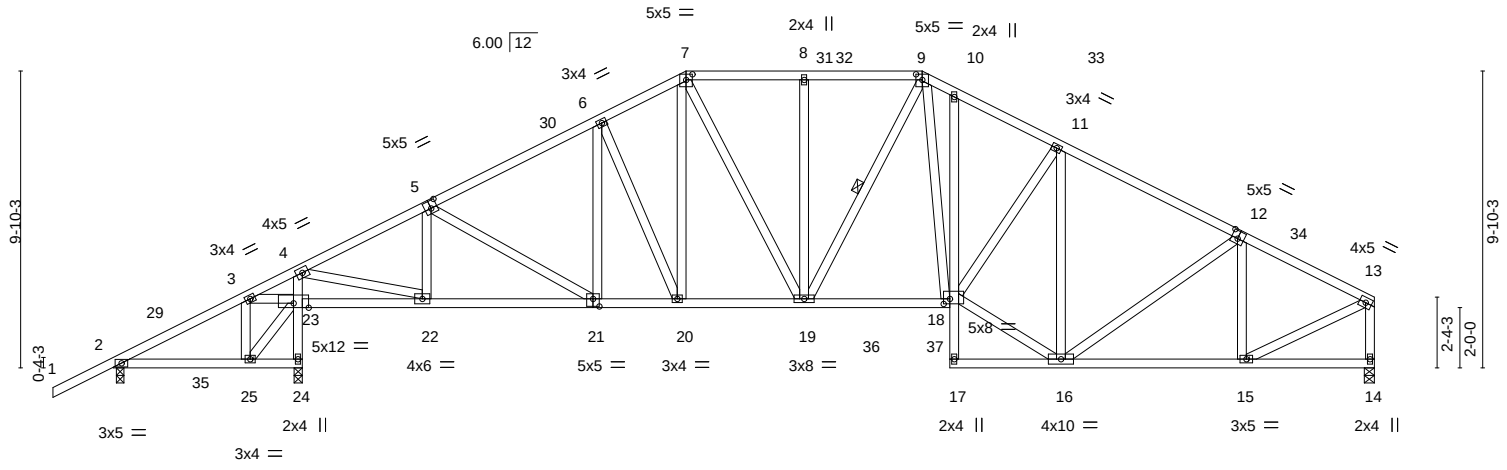
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray T26099164
613840	A13	Hip	1	1	Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:32 2021 Page 1
ID:BVCPOonomzIvFXJ68ELDtZyqIf8-7NLL9XwOzYK8DrG9hpR7ZaEe3pltDfvkrFfh01yEOzj

-2-0-0 4-4-12 6-3-4 10-4-12 16-0-11 19-0-0 22-11-0 26-10-0 27-9-0 31-5-4 37-5-4 41-10-0
2-0-0 4-4-12 1-10-8 4-1-8 5-7-15 2-11-5 3-11-0 3-11-0 0-11-0 3-8-4 6-0-1 4-4-12

Scale = 1:76.4



0-1-4 3-4-14 6-1-10 6-3-4 10-4-12 16-0-11 19-0-0 22-11-0 27-9-0 31-5-4 37-5-4 41-10-0
0-1-4 3-3-10 2-8-12 0-1-10 4-1-8 5-7-15 2-11-5 3-11-0 4-10-0 3-8-4 6-0-1 4-4-12

Plate Offsets (X,Y)-- [5:0-2-8,0-3-0], [7:0-2-8,0-2-4], [9:0-2-8,0-2-4], [12:0-2-8,0-3-0], [18:0-2-8,0-2-0], [21:0-2-8,0-3-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	-0.13	18-19	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.22	18-19	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.09	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.06	18-19	>999	240	Weight: 305 lb	FT = 20%

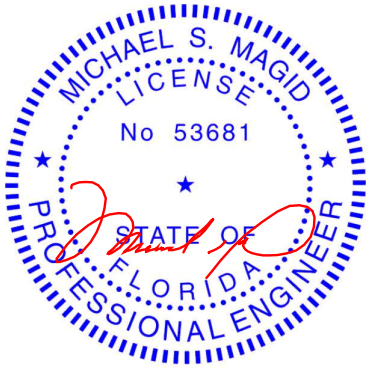
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-4-14 oc bracing.
WEBS 1 Row at midpt 9-19

REACTIONS. (size) 24=0-3-4, 14=0-4-0, 2=0-3-0
Max Horz 2=199(LC 11)
Max Uplift 24=-111(LC 12), 14=-64(LC 12), 2=-135(LC 12)
Max Grav 24=1805(LC 17), 14=1462(LC 18), 2=289(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-87/567, 4-5=-1807/154, 5-6=-1915/200, 6-7=-1756/233, 7-8=-1678/228, 8-9=-1678/228, 9-10=-1942/256, 10-11=-1988/233, 11-12=-1734/199, 12-13=-1536/141, 13-14=-1401/128
BOT CHORD 23-24=-1802/288, 4-23=-1689/166, 22-23=-402/85, 21-22=-102/1675, 20-21=-86/1735, 19-20=-54/1583, 18-19=-61/1641, 15-16=-104/1316
WEBS 3-23=-450/174, 4-22=-152/2036, 5-22=-353/103, 6-20=-346/76, 7-20=-37/399, 7-19=-27/405, 9-18=-73/676, 16-18=-89/1684, 11-18=0/493, 11-16=-750/93, 12-15=-473/111, 13-15=-93/1445

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 23-2-15, Interior(1) 23-2-15 to 26-10-0, Exterior(2R) 26-10-0 to 31-0-15, Interior(1) 31-0-15 to 41-8-4 zone; cantilever left and right exposed ; end vertical 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 111 lb uplift at joint 24, 64 lb uplift at joint 14 and 135 lb uplift at joint 2.



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November 29,2021

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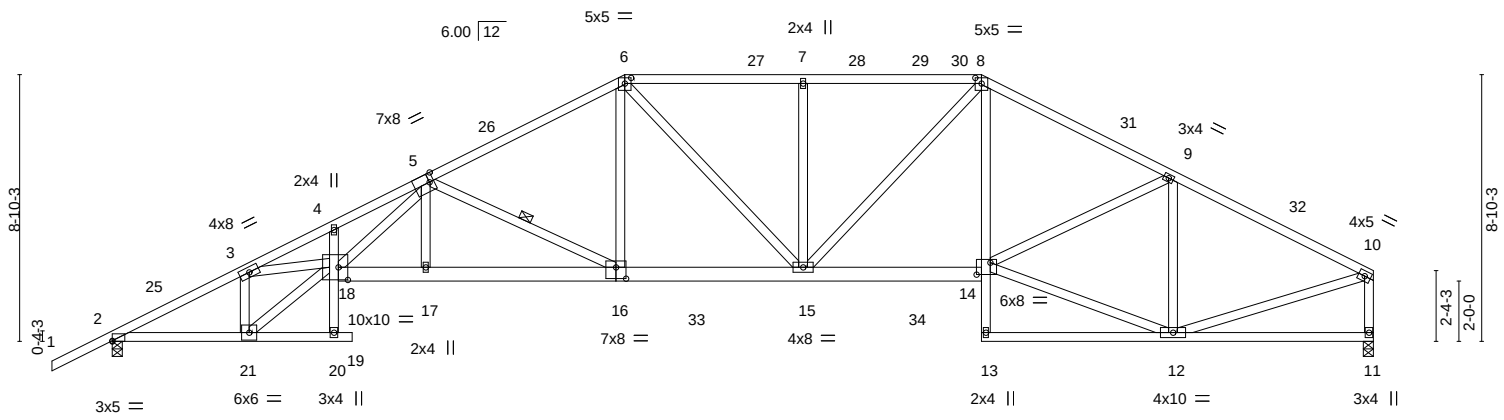
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A14	Hip	1	1	T26099165
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:34 2021 Page 1
ID:BVCPOonomzlvFXJ68ELDtZyqIf8-3mT6aCyfV9asT9QYpETbe?JrZdJChYC1JZ8o4wyEOzh

-2-0-0	4-4-12	6-3-4	10-4-12	17-0-0	22-11-0	28-10-0	35-2-4	41-10-0
2-0-0	4-4-12	1-10-8	4-1-8	6-7-3	5-11-0	5-11-0	6-4-4	6-7-12

Scale = 1:76.4



4-4-12	6-3-4	7-6-0	10-4-12	17-0-0	22-11-0	28-10-0	35-2-4	41-10-0
4-4-12	1-10-8	1-2-12	2-10-12	6-7-3	5-11-0	5-11-0	6-4-4	6-7-12

Plate Offsets (X,Y)-- [2:0-0-0,0-0-4], [5:0-1-12,Edge], [6:0-2-8,0-2-4], [8:0-2-8,0-2-4], [14:0-5-8,0-4-12], [16:0-4-0,0-4-8], [18:0-3-12,0-5-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.89	Vert(LL)	-0.45	19	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.77	19	>646	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.39	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.23	19	>999	240	Weight: 284 lb	FT = 20%

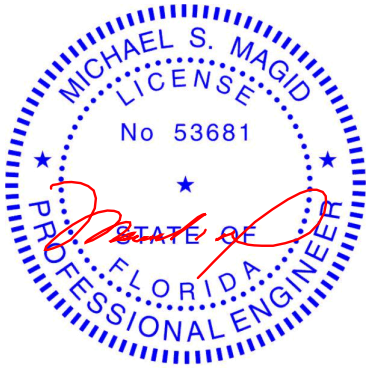
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
16-18,14-16: 2x6 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-6-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: 17-18.
10-0-0 oc bracing: 18-20
WEBS 1 Row at midpt 5-16

REACTIONS. (size) 2=0-4-0, 11=0-4-0
Max Horz 2=137(LC 11)
Max Uplift 2=-125(LC 12), 11=-73(LC 12)
Max Grav 2=1856(LC 17), 11=1727(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3461/212, 3-4=-7084/468, 4-5=-6960/476, 5-6=-3198/277, 6-7=-2799/285, 7-8=-2799/285, 8-9=-2853/268, 9-10=-2098/178, 10-11=-1624/162
BOT CHORD 2-21=-206/3146, 17-18=-274/4499, 16-17=-275/4493, 15-16=-113/2795, 14-15=-98/2503, 8-14=0/692
WEBS 3-21=-2003/187, 18-21=-236/3573, 3-18=-187/3221, 5-18=-150/2593, 5-17=0/325, 5-16=-1851/182, 6-16=-7/1086, 6-15=-30/313, 7-15=-358/113, 8-15=-31/548, 12-14=-116/1900, 9-14=0/804, 9-12=-997/163, 10-12=-104/1836

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 21-2-15, Interior(1) 21-2-15 to 28-10-0, Exterior(2R) 28-10-0 to 33-0-15, Interior(1) 33-0-15 to 41-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 125 lb uplift at joint 2 and 73 lb uplift at joint 11.



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6904 Parke East Blvd. Tampa FL 33610
Date:
November 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A15	Roof Special	1	1	T26099166

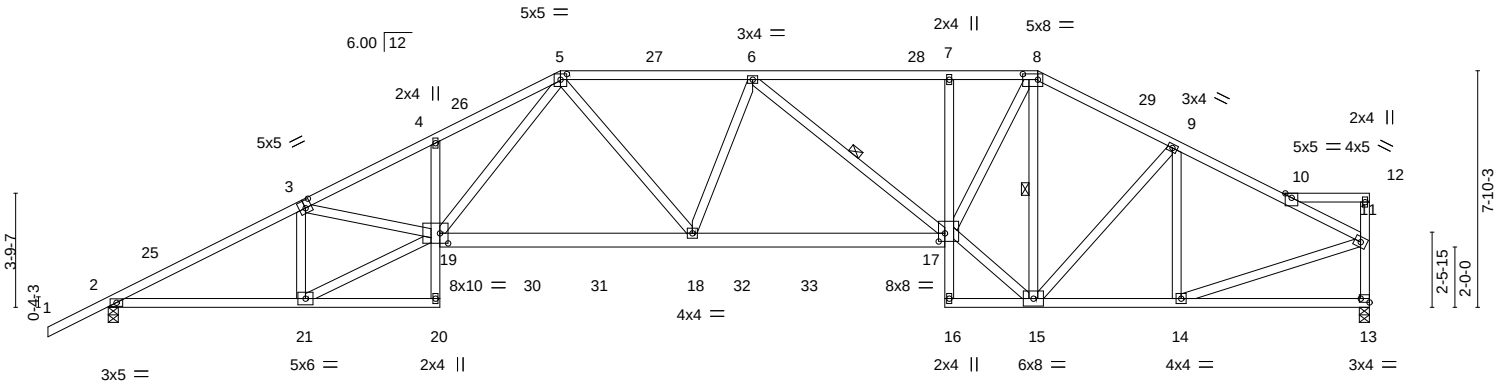
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:36 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-?9as?uzv1mqaiTZwwfV3jQOEQQ1u9SYKmtdu9oyEOzf

-2-0-0	6-4-12	10-5-7	15-0-0	21-4-8	27-9-0	30-10-0	35-5-5	38-11-8	41-10-0
2-0-0	6-4-12	4-0-11	4-6-9	6-4-8	6-4-8	3-1-0	4-7-5	3-6-3	2-10-8

Scale = 1:76.4



6-4-12	11-0-0	19-4-8	27-9-0	30-10-0	35-5-5	41-10-0
6-4-12	4-7-4	8-4-8	8-4-8	3-1-0	4-7-5	6-4-11

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:0-2-8,0-2-4], [8:0-6-0,0-2-4], [13:Edge,0-1-8], [17:0-2-8,0-3-4], [19:0-3-4,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	-0.37	18-19	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.64	18-19	>786	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.71	Horz(CT)	0.29	13	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.17	18-19	>999	240	Weight: 282 lb	FT = 20%

LUMBER-

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

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-6-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 6-17, 8-15

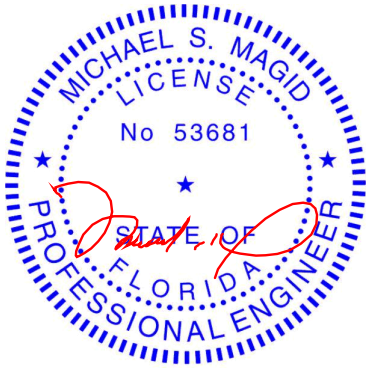
REACTIONS. (size) 13=0-4-0, 2=0-4-0
Max Horz 2=119(LC 12)
Max Uplift 13=-76(LC 12), 2=-129(LC 12)
Max Grav 13=1698(LC 18), 2=1842(LC 17)

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

TOP CHORD	2-3=-3356/238, 3-4=-4666/403, 4-5=-4694/466, 5-6=-3332/312, 6-7=-2891/306, 7-8=-2870/305, 8-9=-2089/233, 9-10=-1977/167, 10-11=-2033/173, 11-13=-1592/162
BOT CHORD	2-21=-259/3015, 18-19=-237/3065, 17-18=-242/3340, 7-17=-271/98, 14-15=-135/1766
WEBS	3-21=-1189/184, 19-21=-277/3289, 3-19=-84/1166, 5-19=-175/1864, 5-18=0/609, 6-17=-575/49, 15-17=-134/2195, 8-17=-175/2326, 8-15=-1266/112, 9-14=-398/119, 11-14=-129/1762

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 30-10-0, Exterior(2R) 30-10-0 to 33-10-0, Interior(1) 33-10-0 to 41-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 76 lb uplift at joint 13 and 129 lb uplift at joint 2.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Michael S. Magid PE No.53681
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

November 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A16	Roof Special	1	1	T26099167

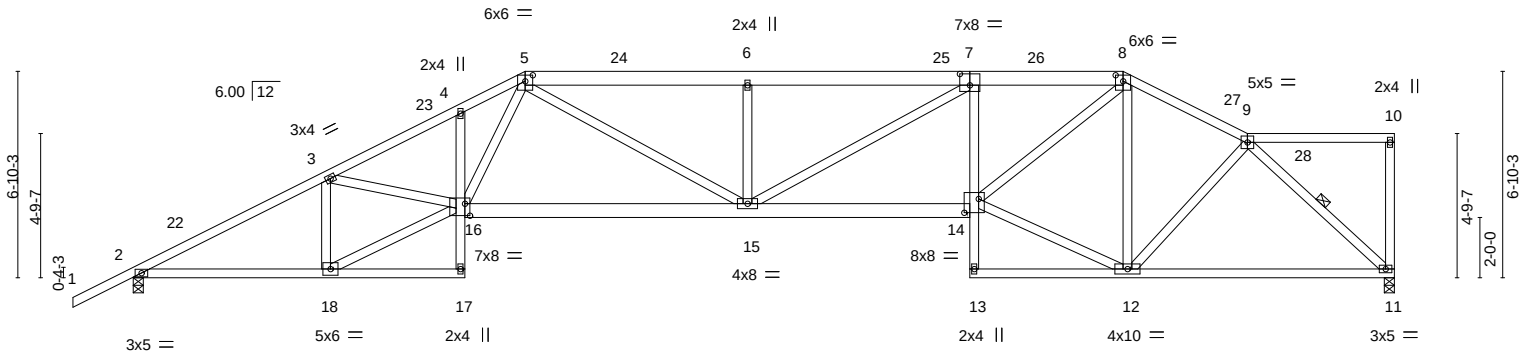
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:37 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-TL8ECE_Xo4yRKd87UM0IGexRTqO1uwrT?WNShEyEOze

-2-0-0	6-4-12	11-0-0	13-0-0	20-4-8	27-9-0	32-10-0	36-11-8	41-10-0
2-0-0	6-4-12	4-7-4	2-0-0	7-4-8	7-4-8	5-1-0	4-1-8	4-10-8

Scale = 1:76.4



6-4-12	11-0-0	20-4-8	27-9-0	32-10-0	41-10-0
6-4-12	4-7-4	9-4-8	7-4-8	5-1-0	9-0-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.46	Vert(LL)	-0.30	15-16	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.79	Vert(CT)	-0.60	15-16	>839	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.28	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.18	15-16	>999	240	Weight: 284 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 5-7,7-8: 2x6 SP No.2

BOT CHORD 2x4 SP No.2 *Except* 14-16: 2x6 SP No.2

WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-7-15 oc purlins, except end verticals.

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

WEBS 1 Row at midpt 9-11

REACTIONS. (size) 11=0-4-0, 2=0-4-0

Max Horz 2=143(LC 12)

Max Uplift 11=-78(LC 12), 2=-127(LC 12)

Max Grav 11=1540(LC 1), 2=1653(LC 1)

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

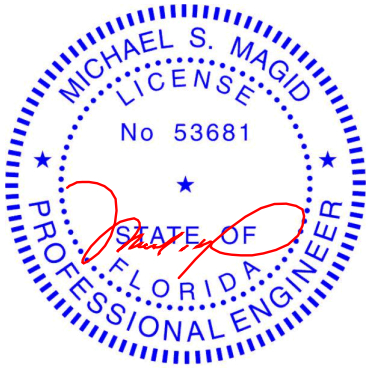
TOP CHORD 2-3=-2983/236, 3-4=-4114/411, 4-5=-4063/448, 5-6=-3740/370, 6-7=-3738/369, 7-8=-3475/364, 8-9=-1907/189

BOT CHORD 2-18=-284/2607, 15-16=-314/3071, 14-15=-320/3515, 7-14=-567/121, 11-12=-150/1427

WEBS 3-18=-1083/193, 16-18=-297/2827, 3-16=-95/1045, 5-16=-125/1294, 5-15=-24/925, 6-15=-469/147, 7-15=-9/353, 12-14=-146/1819, 8-14=-227/2339, 8-12=-873/151, 9-12=0/433, 9-11=-1936/212

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 32-10-0, Exterior(2R) 32-10-0 to 35-10-0, Interior(1) 35-10-0 to 41-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 78 lb uplift at joint 11 and 127 lb uplift at joint 2.



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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	2265-Cr-Tray
613840	A17	Hip	1	1	T26099168

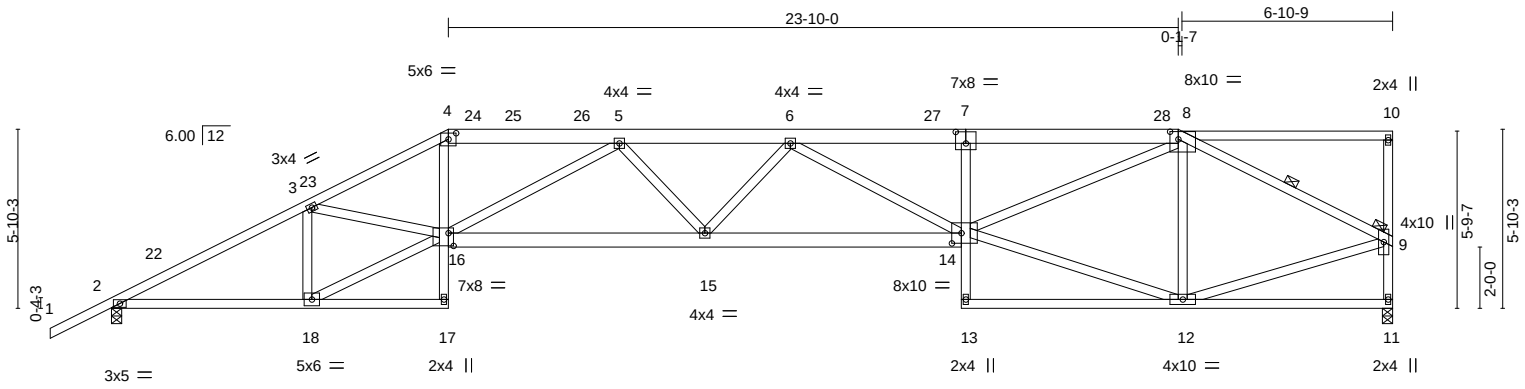
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:39 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqlf8-PkG?dw?nKhC9ZwlVbn3mL30lQe3SMmUmSqsYm7yEOzc

-2-0-0	6-4-12	11-0-0	16-7-0	22-2-0	27-9-0	34-10-0	41-10-0
2-0-0	6-4-12	4-7-4	5-7-0	5-7-0	5-7-0	7-1-0	7-0-0

Scale = 1:75.2



6-4-12	11-0-0	19-4-8	27-9-0	34-10-0	41-10-0
6-4-12	4-7-4	8-4-8	8-4-8	7-1-0	7-0-0

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.40	14-15	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.75	14-15	>671	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.33	11	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.24	15	>999	240	Weight: 287 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 4-7,7-8: 2x6 SP No.2

BOT CHORD 2x4 SP No.2 *Except* 14-16: 2x6 SP No.2

WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-7-6 oc purlins, except end verticals. Except: 1 Row at midpt 8-9

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

REACTIONS. (size) 2=0-4-0, 11=0-4-0
Max Horz 2=167(LC 12)
Max Uplift 2=-124(LC 12), 11=-81(LC 12)
Max Grav 2=1653(LC 1), 11=1540(LC 1)

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

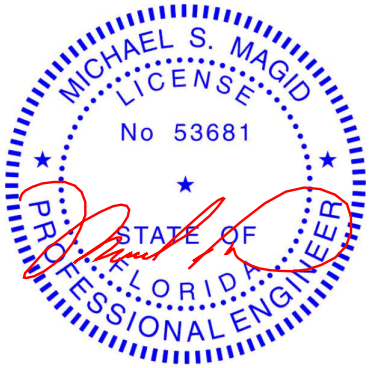
TOP CHORD 2-3=-2981/204, 3-4=-4137/363, 4-5=-3621/342, 5-6=-4695/338, 6-7=-4225/317, 7-8=-4197/321, 8-9=-1832/125, 9-11=-1481/140

BOT CHORD 2-18=-276/2606, 4-16=-74/1568, 15-16=-395/4523, 14-15=-380/4704, 7-14=-327/110

WEBS 3-18=-1077/192, 16-18=-293/2812, 3-16=-93/1085, 5-16=-1160/80, 5-15=0/364, 6-14=-587/73, 12-14=-110/1604, 8-14=-237/2836, 8-12=-809/165, 9-12=-124/1693

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 41-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 124 lb uplift at joint 2 and 81 lb uplift at joint 11.
8) 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
6904 Parke East Blvd. Tampa FL 33610
Date:

November 29,2021

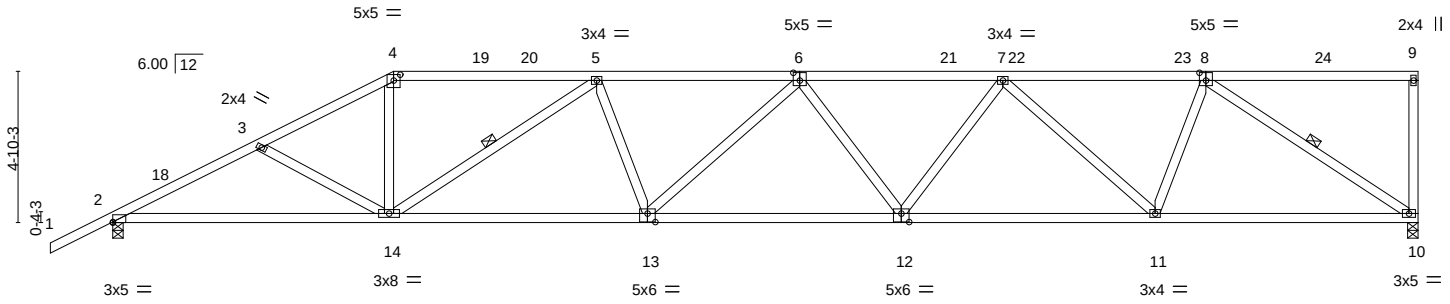
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A18	Half Hip	1	1	T26099169
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:40 2021 Page 1
ID:BVCPOonomzlvFXJ68ELDtZyqIf8-uwqNqG0Q5?K0B4ti9Ua?tGZxy1Ne5DmwhUb6IZyEOzb

-2-0-0	4-9-4	9-0-0	15-6-2	22-0-3	28-6-5	35-0-6	41-10-0
2-0-0	4-9-4	4-2-12	6-6-2	6-6-2	6-6-2	6-6-2	6-9-10

Scale = 1:73.8



9-0-0	17-1-10	25-3-4	33-4-14	41-10-0
9-0-0	8-1-10	8-1-10	8-1-10	8-5-2

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.32	12-13	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.64	12-13	>777	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.20	10	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.19	12-13	>999	240	Weight: 221 lb	FT = 20%

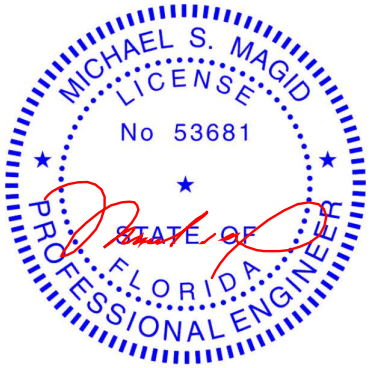
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-9-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-14, 8-10

REACTIONS. (size) 10=0-4-0, 2=0-4-0
Max Horz 2=145(LC 12)
Max Uplift 10=-79(LC 12), 2=-127(LC 12)
Max Grav 10=1540(LC 1), 2=1653(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3006/244, 3-4=-2762/201, 4-5=-2391/206, 5-6=-3420/246, 6-7=-3356/221, 7-8=-2266/140
BOT CHORD 2-14=-298/2647, 13-14=-271/3325, 12-13=-276/3531, 11-12=-233/3068, 10-11=-148/1937
WEBS 3-14=-258/105, 4-14=0/938, 5-14=-1203/93, 5-13=0/360, 6-12=-301/96, 7-12=0/496, 7-11=-1096/128, 8-11=0/980, 8-10=-2313/180

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 41-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 79 lb uplift at joint 10 and 127 lb uplift at joint 2.



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

November 29,2021

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	A19	HALF HIP GIRDER	1	2	T26099170

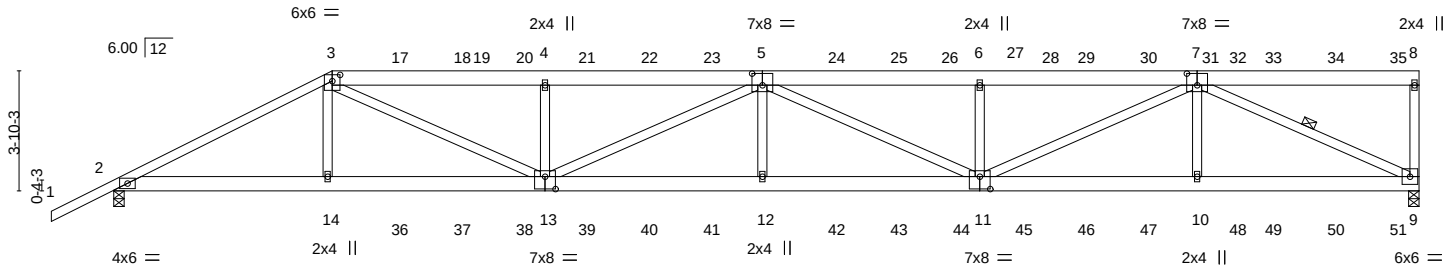
Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:45 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-EtdGtz4YvXyIHrmfy2AAaKGmF24zmX2frmJtznyEOzW

-2-0-0	7-0-0	13-9-14	20-9-7	27-9-1	34-8-10	41-10-0
2-0-0	7-0-0	6-9-14	6-11-10	6-11-10	6-11-10	7-1-6

Scale = 1:73.8



7-0-0	13-9-14	20-9-7	27-9-1	34-8-10	41-10-0
7-0-0	6-9-14	6-11-10	6-11-10	6-11-10	7-1-6

Plate Offsets (X,Y)-- [3:0-3-0,0-2-7], [5:0-4-0,0-4-8], [7:0-4-0,0-4-8], [11:0-4-0,0-4-12], [13:0-4-0,0-4-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.40	12	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.75	12	>666	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.69	Horz(CT)	0.16	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.25	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
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 4-2-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 7-9

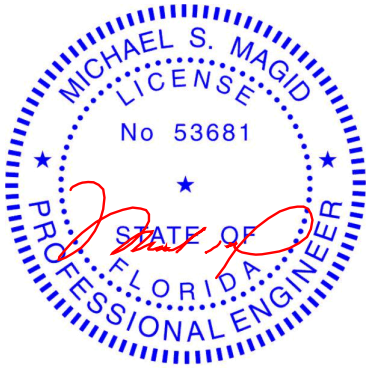
REACTIONS. (size) 9=0-4-0, 2=0-4-0
Max Horz 2=119(LC 8)
Max Uplift 9=-214(LC 8), 2=-166(LC 8)
Max Grav 9=3473(LC 1), 2=3175(LC 1)

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

TOP CHORD	2-3=-6491/208, 3-4=-9164/423, 4-5=-9160/421, 5-6=-9135/450, 6-7=-9135/450, 8-9=-498/154
BOT CHORD	2-14=-209/5743, 13-14=-218/5718, 12-13=-496/10272, 11-12=-496/10272, 10-11=-292/5806, 9-10=-292/5806
WEBS	3-14=0/731, 3-13=-228/3927, 4-13=-875/254, 5-13=-1257/83, 5-12=0/570, 5-11=-1264/51, 6-11=-722/227, 7-11=-176/3702, 7-10=0/615, 7-9=-6370/320

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 ; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 214 lb uplift at joint 9 and 166 lb uplift at joint 2.



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NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 222 lb down and 143 lb up at 7-0-0, 106 lb down and 67 lb up at 9-0-12, 106 lb down and 67 lb up at 11-0-12, 106 lb down and 67 lb up at 13-0-12, 106 lb down and 67 lb up at 15-0-12, 106 lb down and 67 lb up at 17-0-12, 106 lb down and 67 lb up at 19-0-12, 106 lb down and 67 lb up at 21-0-12, 106 lb down and 67 lb up at 23-0-12, 106 lb down and 67 lb up at 25-0-12, 106 lb down and 67 lb up at 27-0-12, 106 lb down and 67 lb up at 29-0-12, 106 lb down and 67 lb up at 31-0-12, 106 lb down and 67 lb up at 33-0-12, 106 lb down and 67 lb up at 35-0-12, 106 lb down and 67 lb up at 37-0-12, 106 lb down and 67 lb up at 39-0-12, and 116 lb down and 64 lb up at 41-0-12, and 135 lb down and 59 lb up at 41-8-4 on top chord, and 297 lb down at 7-0-0, 85 lb down at 9-0-12, 85 lb down at 11-0-12, 85 lb down at 13-0-12, 85 lb down at 15-0-12, 85 lb down at 17-0-12, 85 lb down at 19-0-12, 85 lb down at 21-0-12, 85 lb down at 23-0-12, 85 lb down at 25-0-12, 85 lb down at 27-0-12, 85 lb down at 29-0-12, 85 lb down at 31-0-12, 85 lb down at 33-0-12, 85 lb down at 35-0-12, 85 lb down at 37-0-12, and 85 lb down at 39-0-12, and 92 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=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-54, 3-8=-54, 2-9=-20
   Concentrated Loads (lb)
   Vert: 3=-175(F) 8=-135(F) 14=-290(F) 5=-106(F) 12=-61(F) 17=-106(F) 18=-106(F) 20=-106(F) 21=-106(F) 22=-106(F) 23=-106(F) 24=-106(F) 25=-106(F) 27=-106(F) 28=-106(F) 29=-106(F) 30=-106(F) 32=-106(F) 33=-106(F) 34=-106(F) 35=-116(F) 36=-61(F) 37=-61(F) 38=-61(F) 39=-61(F) 40=-61(F) 41=-61(F) 42=-61(F) 43=-61(F) 44=-61(F) 45=-61(F) 46=-61(F) 47=-61(F) 48=-61(F) 49=-61(F) 50=-61(F) 51=-65(F)

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	B1	Common	9	1	T26099171

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:52:59 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-qaTYqmFKcrjJz?qLm_QS9GrCqixt2zzj3yicTzyEOzI

-2-0-0 2-0-0 | 5-5-3 5-5-3 | 11-0-0 5-6-13 | 16-6-13 5-6-13 | 22-0-0 5-5-3 | 24-0-0 2-0-0

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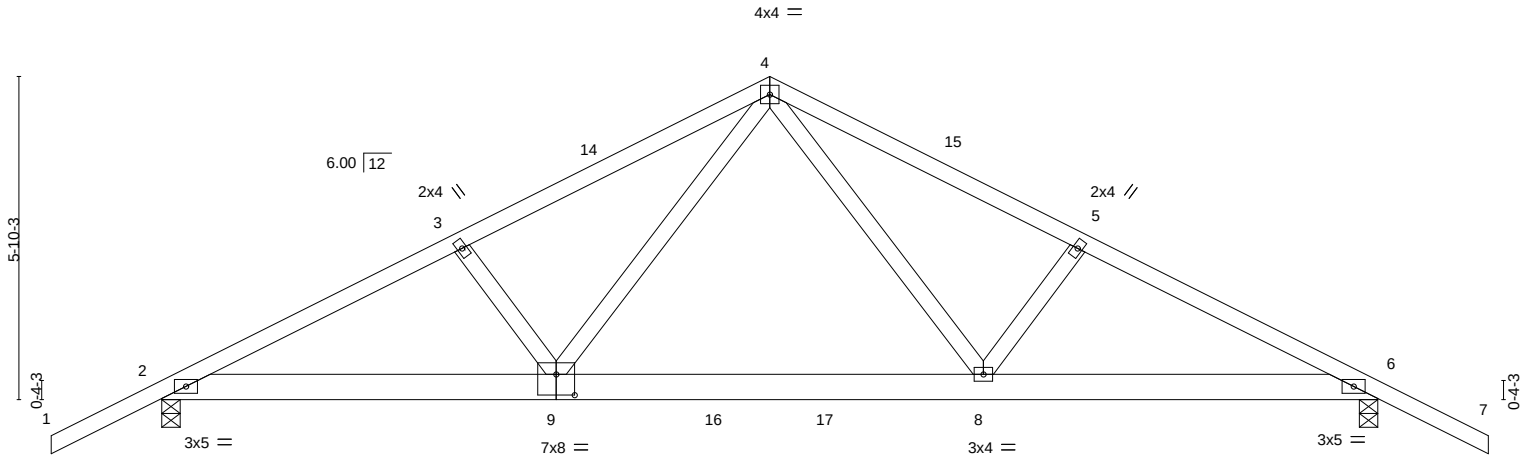


7-1-10 7-1-10 | 14-10-6 7-8-12 | 22-0-0 7-1-10

Plate Offsets (X,Y)-- [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	1.25	TC	0.46	Vert(LL)	-0.08	8-9	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.26	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.21	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.03	8-9	>999	240	Weight: 123 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 3-9-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-4-0, 6=0-4-0
Max Horz 2=107(LC 11)
Max Grav 2=1235(LC 17), 6=1235(LC 18)

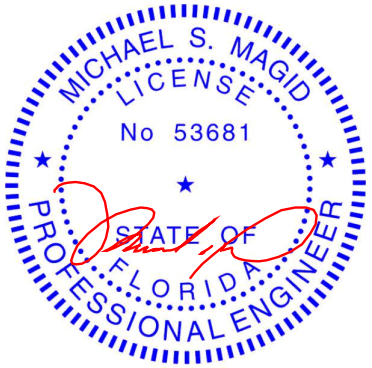
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2161/0, 3-4=-2037/0, 4-5=-2036/0, 5-6=-2160/0
BOT CHORD 2-9=0/1971, 8-9=0/1260, 6-8=0/1889
WEBS 4-8=0/971, 5-8=-278/158, 4-9=0/972, 3-9=-278/158

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 0-10-8, Interior(1) 0-10-8 to 11-0-0, Exterior(2R) 11-0-0 to 14-0-0, Interior(1) 14-0-0 to 24-0-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) 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=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-54, 4-7=-54, 2-9=-20, 8-9=-80, 6-8=-20
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-44, 4-7=-44, 2-9=-35, 9-16=-95, 16-17=-110, 8-17=-95, 6-8=-35
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-14, 4-7=-14, 2-9=-40, 8-9=-100, 6-8=-40
4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60



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LOAD CASE(S) Standard

Uniform Loads (plf)
Vert: 1-2=43, 2-10=23, 4-10=21, 4-15=27, 6-15=21, 6-7=16, 2-9=-12, 8-9=-72, 6-8=-12
Horz: 1-2=-52, 2-10=-32, 4-10=-29, 4-15=35, 6-15=29, 6-7=24

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=16, 2-14=21, 4-14=27, 4-12=21, 6-12=23, 6-7=43, 2-9=-12, 8-9=-72, 6-8=-12
Horz: 1-2=-24, 2-14=-29, 4-14=-35, 4-12=29, 6-12=32, 6-7=52

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, 6-7=-22, 2-9=-20, 8-9=-80, 6-8=-20
Horz: 1-2=-8, 2-4=12, 4-6=-12, 6-7=-8

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, 6-7=-6, 2-9=-20, 8-9=-80, 6-8=-20
Horz: 1-2=8, 2-4=12, 4-6=-12, 6-7=8

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, 4-6=9, 6-7=5, 2-9=-12, 8-9=-72, 6-8=-12
Horz: 1-2=-24, 2-4=-11, 4-6=18, 6-7=13

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, 4-6=3, 6-7=16, 2-9=-12, 8-9=-72, 6-8=-12
Horz: 1-2=-13, 2-4=-17, 4-6=11, 6-7=24

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=-6, 6-7=-1, 2-9=-20, 8-9=-80, 6-8=-20
Horz: 1-2=4, 2-4=8, 4-6=8, 6-7=13

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=-22, 6-7=-18, 2-9=-20, 8-9=-80, 6-8=-20
Horz: 1-2=-13, 2-4=-8, 4-6=-8, 6-7=-4

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, 6-7=28, 2-9=-12, 8-9=-72, 6-8=-12
Horz: 1-2=-37, 2-4=-24, 4-6=24, 6-7=37

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, 6-7=15, 2-9=-12, 8-9=-72, 6-8=-12
Horz: 1-2=-24, 2-4=-11, 4-6=11, 6-7=24

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, 6-7=-10, 2-9=-20, 8-9=-80, 6-8=-20
Horz: 1-2=-4, 2-4=1, 4-6=-1, 6-7=4

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, 6-7=-10, 2-9=-20, 8-9=-80, 6-8=-20
Horz: 1-2=-4, 2-4=1, 4-6=-1, 6-7=4

16) Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-14, 4-7=-14, 2-9=-40, 9-16=-100, 16-17=-120, 8-17=-100, 6-8=-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, 2-4=-50, 4-6=-38, 6-7=-34, 2-9=-35, 9-16=-95, 16-17=-110, 8-17=-95, 6-8=-35
Horz: 1-2=3, 2-4=6, 4-6=6, 6-7=10

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=-50, 6-7=-47, 2-9=-35, 9-16=-95, 16-17=-110, 8-17=-95, 6-8=-35
Horz: 1-2=-10, 2-4=-6, 4-6=-6, 6-7=-3

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, 6-7=-41, 2-9=-35, 9-16=-95, 16-17=-110, 8-17=-95, 6-8=-35
Horz: 1-2=-3, 2-4=1, 4-6=-1, 6-7=3

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, 6-7=-41, 2-9=-35, 9-16=-95, 16-17=-110, 8-17=-95, 6-8=-35
Horz: 1-2=-3, 2-4=1, 4-6=-1, 6-7=3

21) 1st Dead + Roof Live (unbalanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-7=-14, 2-9=-20, 8-9=-80, 6-8=-20

22) 2nd Dead + Roof Live (unbalanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-14, 4-7=-54, 2-9=-20, 8-9=-80, 6-8=-20

Continued on page 3

LOAD CASE(S) Standard

23) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-44, 4-7=-14, 2-9=-35, 9-16=-95, 16-17=-110, 8-17=-95, 6-8=-35

24) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-14, 4-7=-44, 2-9=-35, 9-16=-95, 16-17=-110, 8-17=-95, 6-8=-35

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	B1X	Common Supported Gable	1	1	T26099172

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:01 2021 Page 1

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-2-0-0 2-0-0 | 1-9-7 1-9-7 | 1-11-1 0-1-9 | 11-0-0 9-1-0 | 20-0-15 9-0-15 | 20-2-9 0-1-9 | 22-0-0 1-9-7 | 24-0-0 2-0-0

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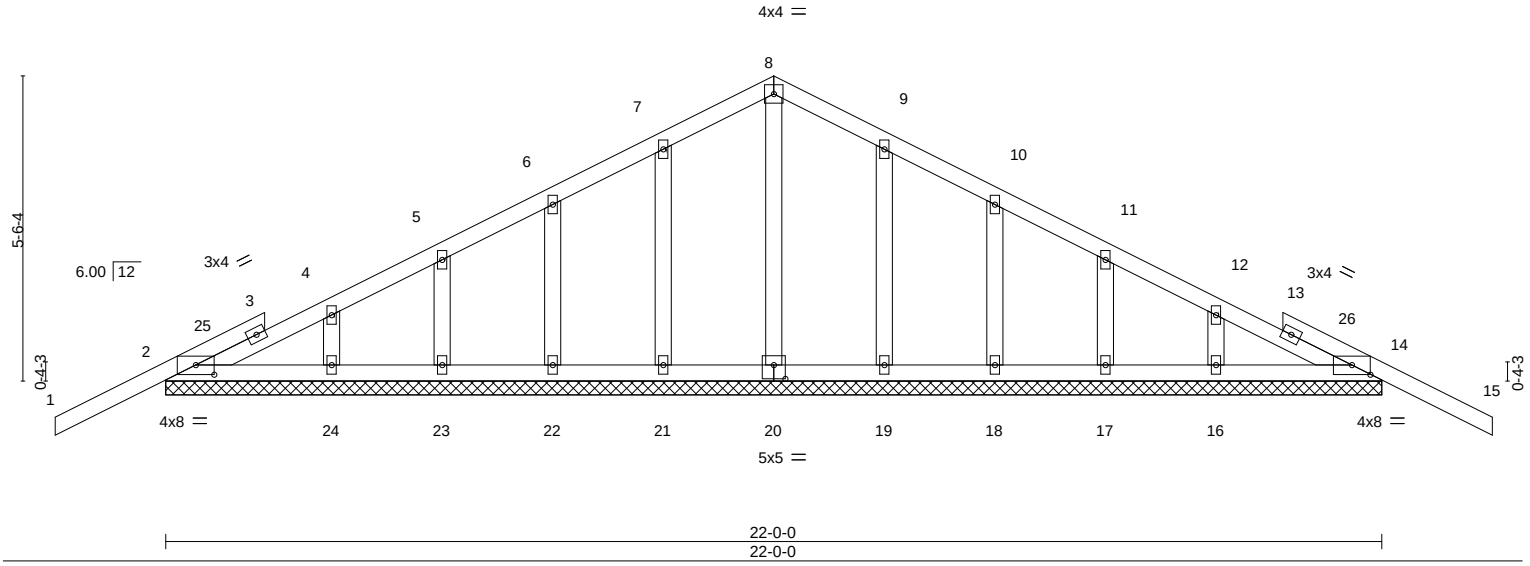


Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [14:0-4-0,0-2-1], [20:0-2-8,0-3-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.02	15	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	-0.03	15	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	14	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S							Weight: 117 lb	FT = 20%

LUMBER-

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

BRACING-

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

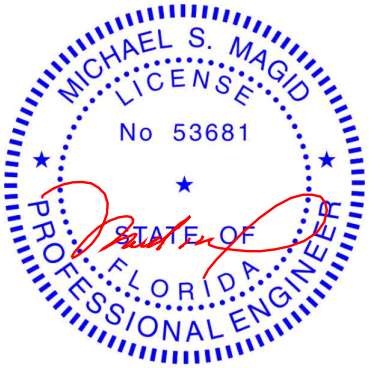
REACTIONS. All bearings 22-0-0.

(lb) - Max Horz 2=-102(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 14, 21, 22, 23, 19, 18, 17
Max Grav All reactions 250 lb or less at joint(s) 2, 14, 20, 21, 22, 23, 24, 19, 18, 17, 16

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

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) -2-0-0 to 1-0-0, Exterior(2N) 1-0-0 to 11-0-0, Corner(3R) 11-0-0 to 14-0-0, Exterior(2N) 14-0-0 to 24-0-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable 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) 2, 14, 21, 22, 23, 19, 18, 17.



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	CJ1	Corner Jack	4	1	T26099173

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:02 2021 Page 1

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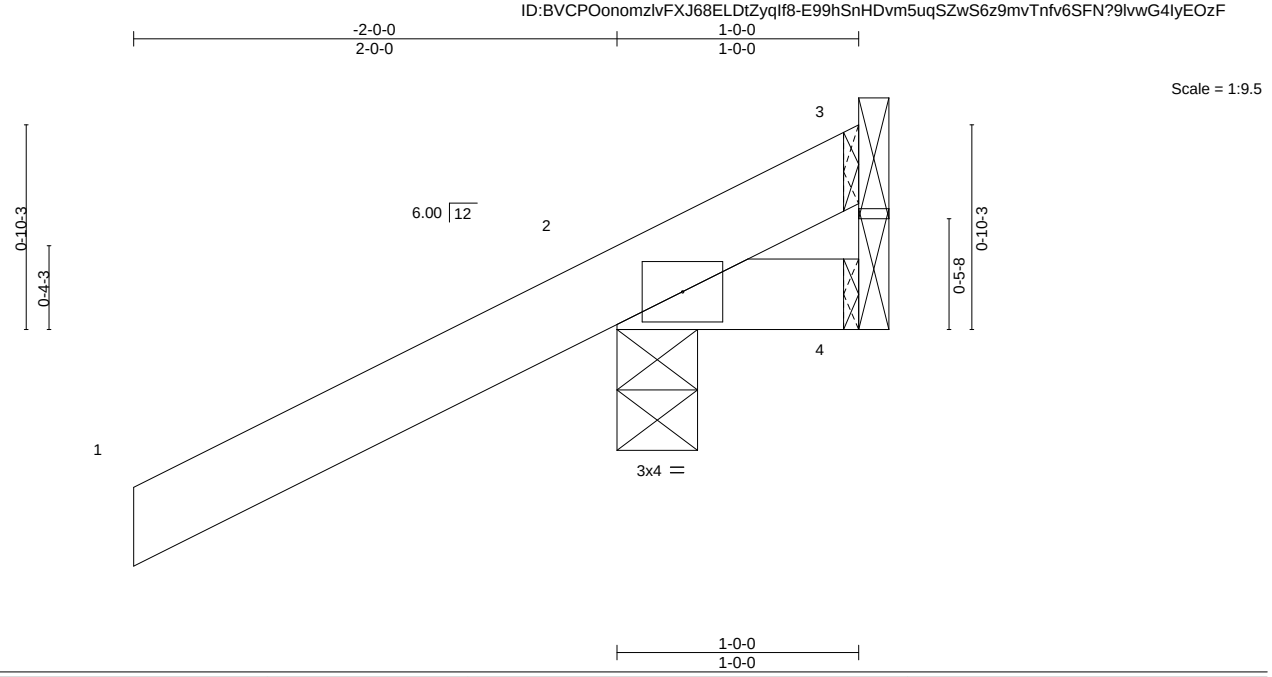


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	0.00	7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	0.00	7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MP		Wind(LL)	-0.00	7	>999	240	Weight: 7 lb	FT = 20%

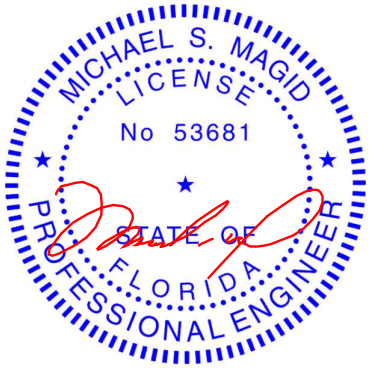
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=48(LC 12)
Max Uplift 3=-26(LC 1), 2=-129(LC 12), 4=-47(LC 1)
Max Grav 3=26(LC 12), 2=254(LC 1), 4=43(LC 12)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=129.



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Date:

November 29,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	CJ3	Corner Jack	2	1	T26099174

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:02 2021 Page 1

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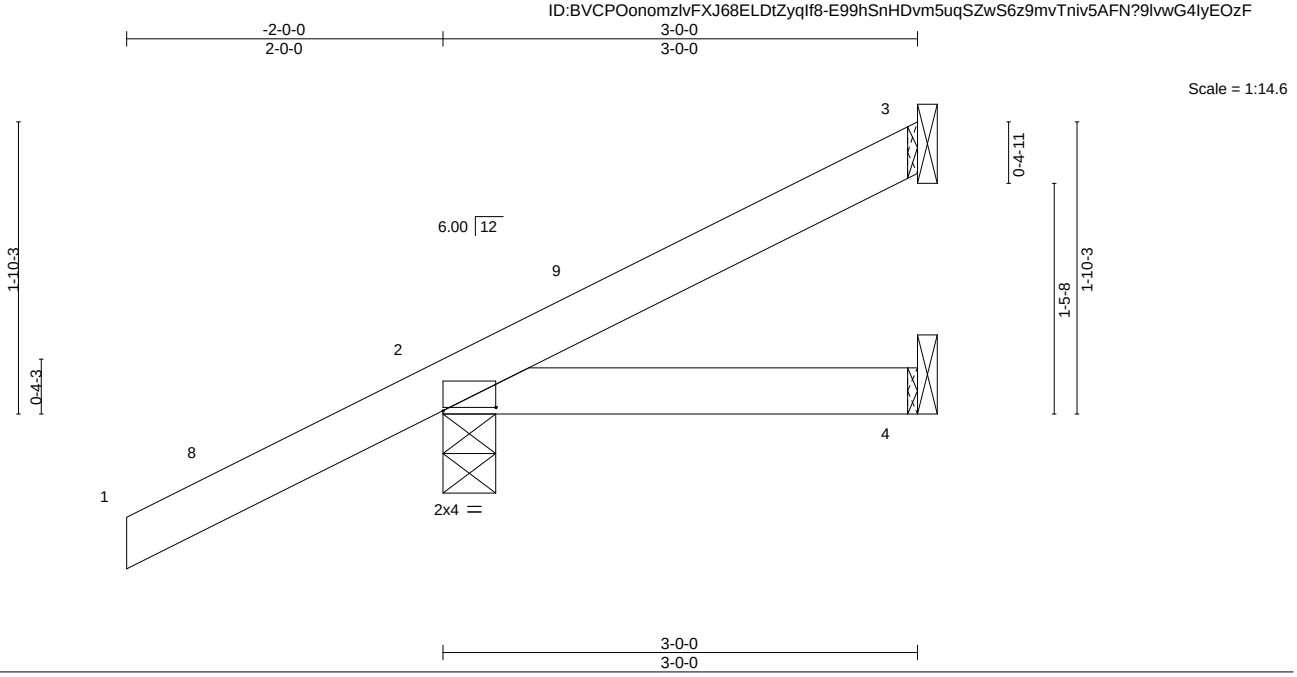


Plate Offsets (X,Y)-- [2:0-4-0,0-0-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.00	4-7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.01	4-7	>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-MP		Wind(LL)	-0.00	4-7	>999	240	Weight: 13 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-0-0 oc purlins.

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

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

Max Horz 2=72(LC 12)

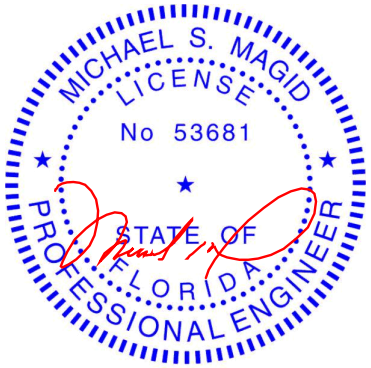
Max Uplift 3=-11(LC 12), 2=-77(LC 12)

Max Grav 3=52(LC 1), 2=253(LC 1), 4=47(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 ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	CJ3T	Corner Jack	2	1	T26099175

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:03 2021 Page 1

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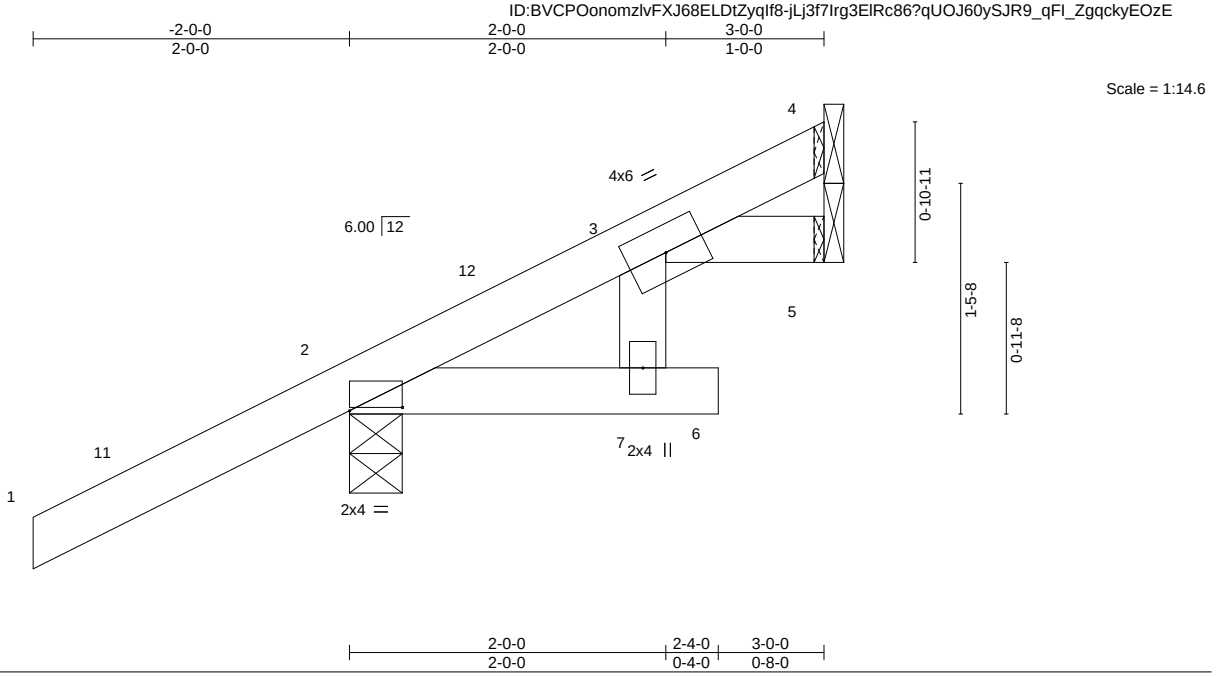


Plate Offsets (X,Y)-- [2:0-4-0,0-0-4]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.00	7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.08	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-MR		Wind(LL)	-0.01	7	>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=0-4-0, 5=Mechanical

Max Horz 2=72(LC 12)

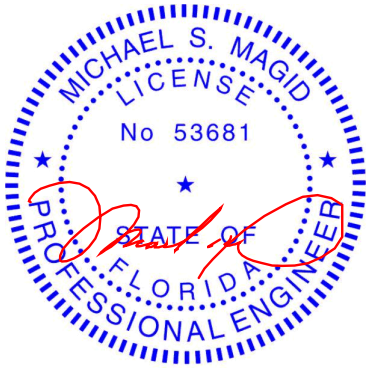
Max Uplift 4=-2(LC 9), 2=-76(LC 12)

Max Grav 4=45(LC 17), 2=256(LC 1), 5=49(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 ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.



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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	CJ5	Corner Jack	2	1	T26099176
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:04 2021 Page 1
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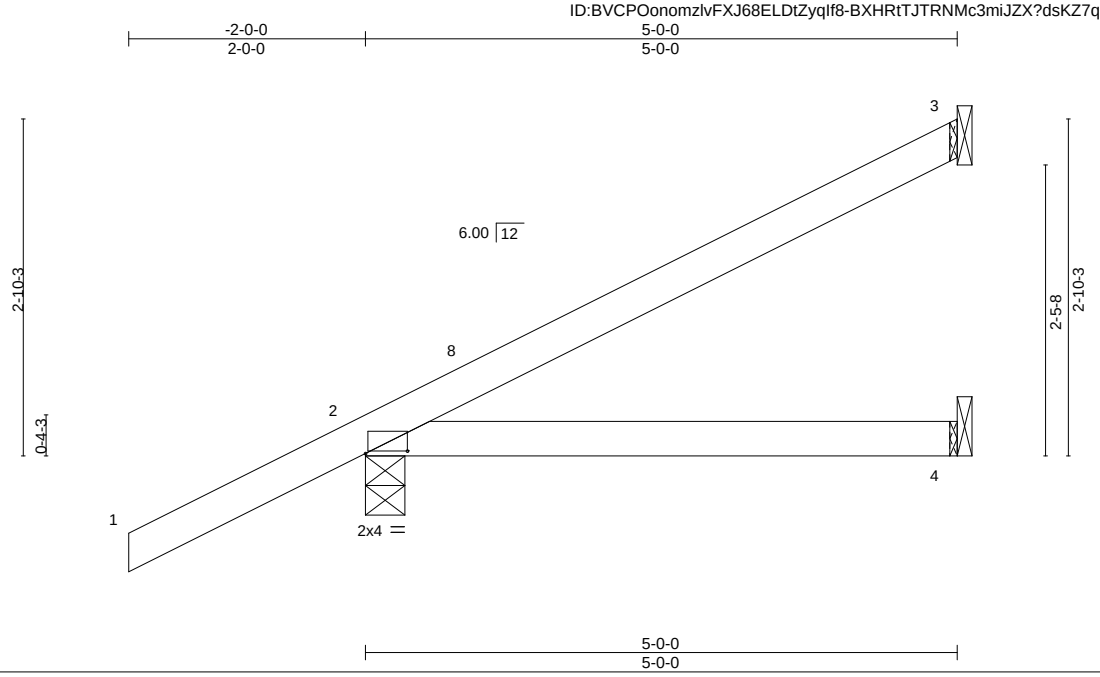


Plate Offsets (X,Y)-- [2:0-4-4,0-0-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	-0.02	4-7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	-0.05	4-7	>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-MP		Wind(LL)	0.02	4-7	>999	240	Weight: 19 lb	FT = 20%

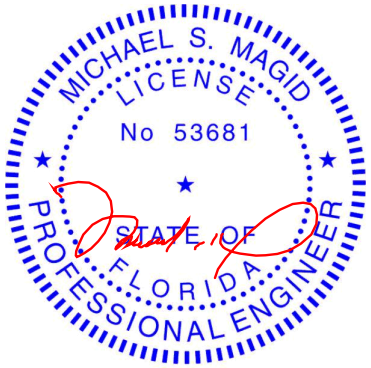
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=96(LC 12)
Max Uplift 3=-33(LC 12), 2=-65(LC 12)
Max Grav 3=108(LC 1), 2=313(LC 1), 4=87(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 ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	CJ5T	Corner Jack	2	1	T26099177

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:05 2021 Page 1

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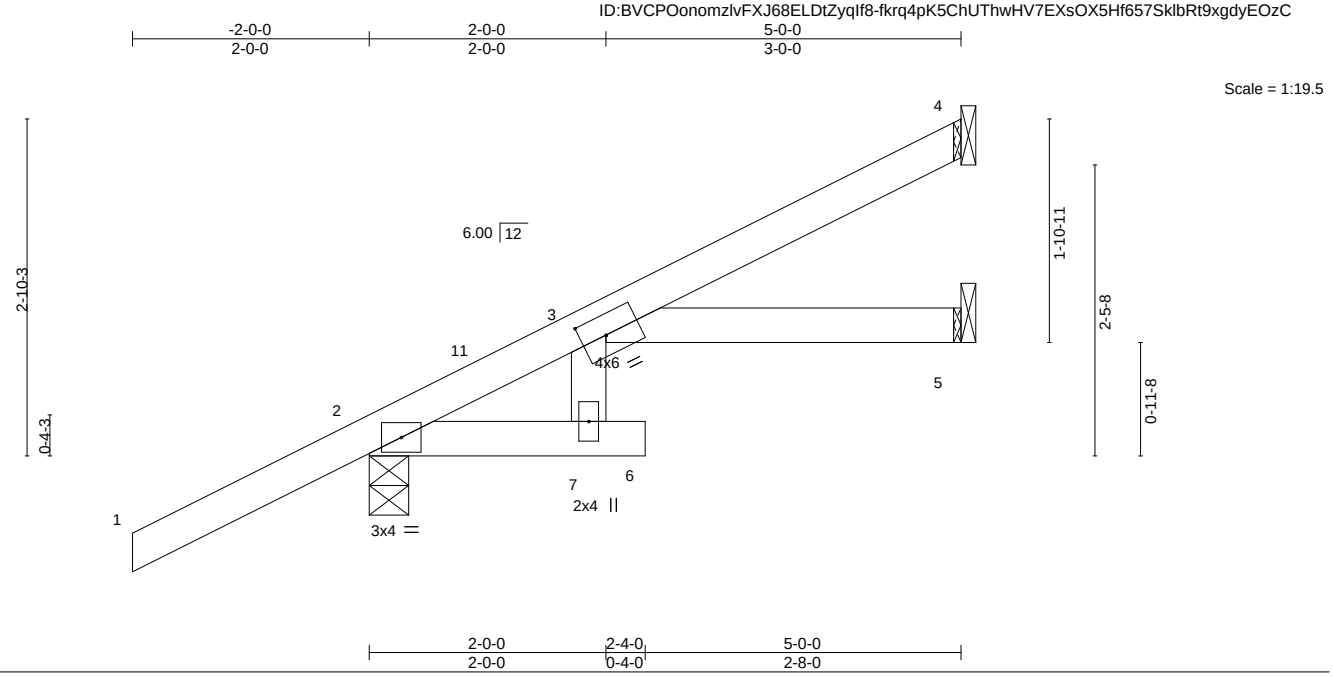


Plate Offsets (X,Y)-- [3:0-2-8,0-2-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	-0.03	6	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.24	Vert(CT)	-0.07	6	>855	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-MR		Wind(LL)	0.05	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=0-4-0, 5=Mechanical

Max Horz 2=96(LC 12)

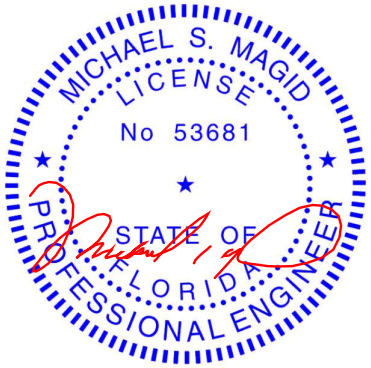
Max Uplift 4=-23(LC 12), 2=-62(LC 12)

Max Grav 4=100(LC 1), 2=318(LC 1), 5=85(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 ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.



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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	2265-Cr-Tray
613840	E01X	GABLE	1	1	T26099178

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:06 2021 Page 1

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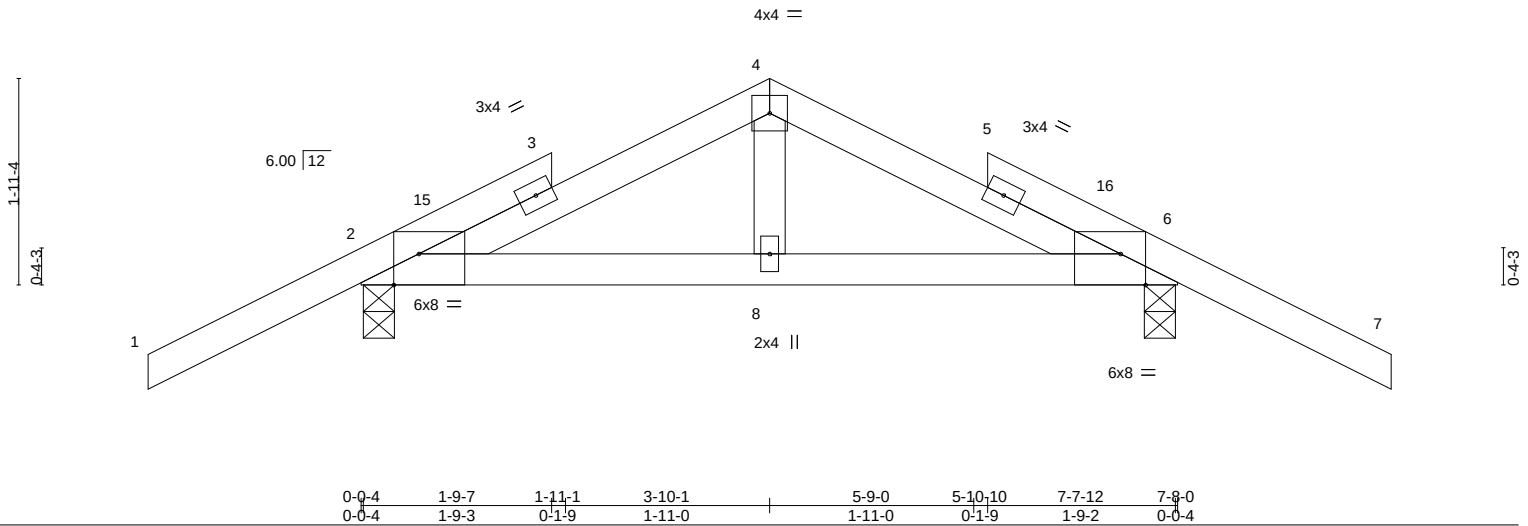
-2-0-0	1-9-7	1-11-1	3-10-1	5-9-0	5-10-10	7-8-0	9-8-1
2-0-0	1-9-7	0-1-9	1-11-0	1-11-0	0-1-9	1-9-6	2-0-1

Scale = 1:21.6



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

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	-0.00	8-11	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.01	8-11	>999	240		
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-MS		Wind(LL)	-0.01	8-14	>999	240	Weight: 37 lb	FT = 20%

LUMBER-

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

BRACING-

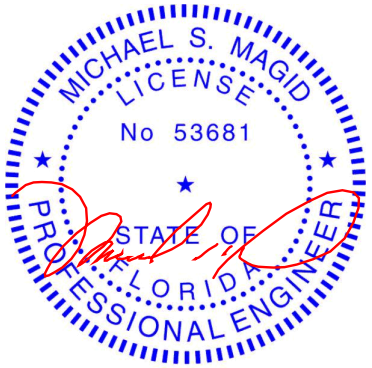
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-3-8
Max Horz 2=-43(LC 10)
Max Uplift 2=-74(LC 12), 6=-74(LC 12)
Max Grav 2=388(LC 1), 6=389(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-295/88, 4-6=-295/88
BOT CHORD 2-8=0/254, 6-8=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) and C-C Exterior(2E) -2-0-0 to 1-2-5, Interior(1) 1-2-5 to 3-10-1, Exterior(2R) 3-10-1 to 6-10-1, Interior(1) 6-10-1 to 9-8-1 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.



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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	E02	Roof Special	2	1	T26099179

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:07 2021 Page 1

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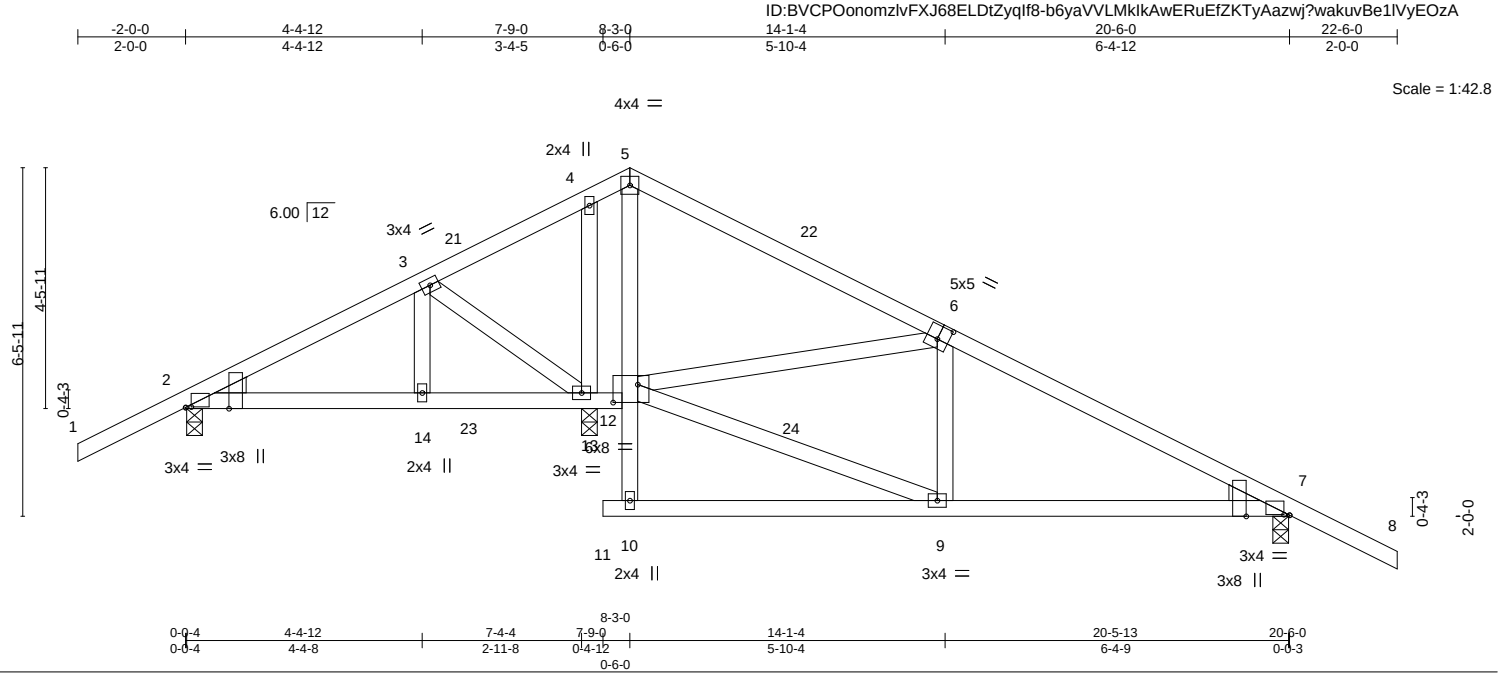


Plate Offsets (X,Y)-- [2:0-0-4,Edge], [2:0-1-4,0-0-2], [6:0-2-8,0-3-0], [7:0-1-4,0-0-2], [7:0-0-4,Edge], [12:0-5-8,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	-0.04	9-10	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.09	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.29	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.08	9-10	>999	240	Weight: 118 lb	FT = 20%

LUMBER-

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

BRACING-

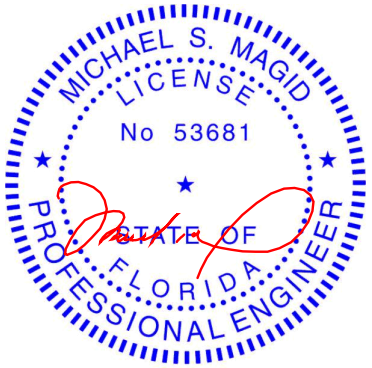
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-10-5 oc bracing: 7-9.

REACTIONS. (size) 2=0-3-8, 7=0-3-8, 13=0-3-8
Max Horz 2=104(LC 11)
Max Uplift 2=-145(LC 12), 7=-207(LC 12), 13=-182(LC 12)
Max Grav 2=414(LC 1), 7=617(LC 22), 13=723(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-303/212, 5-6=-250/112, 6-7=-697/543
BOT CHORD 7-9=-407/592
WEBS 6-12=-465/496, 4-13=-331/195, 9-12=-431/631

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 1-1-8, Interior(1) 1-1-8 to 8-3-0, Exterior(2R) 8-3-0 to 11-3-0, Interior(1) 11-3-0 to 22-6-0 zone; cantilever left and right exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=145, 7=207, 13=182.



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Date:

November 29,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	E02X	GABLE	1	1	T26099180
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:08 2021 Page 1
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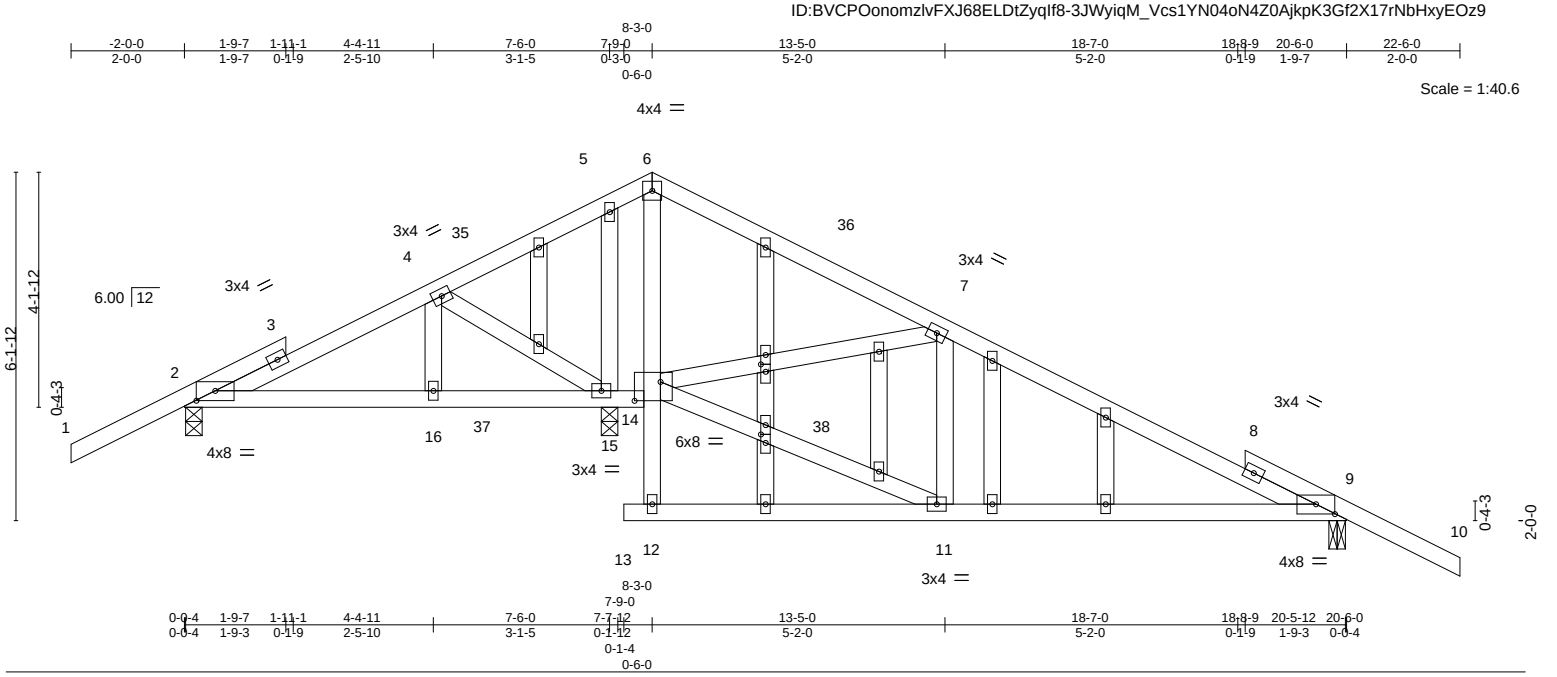


Plate Offsets (X,Y)-- [2:0-4-0,0-2-1], [9:0-4-0,0-2-1], [14:0-5-8,0-4-0], [19:0-1-9,0-1-0], [21:0-1-13,0-1-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.45	Vert(LL)	-0.06	11-34	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.14	11-34	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.01	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.12	11-34	>999	240	Weight: 135 lb	FT = 20%

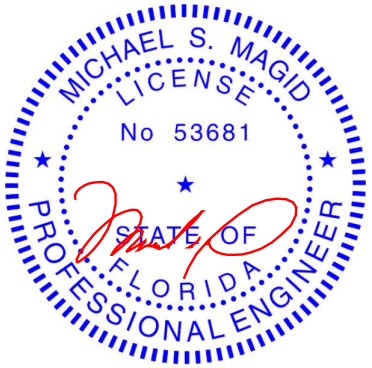
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

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

REACTIONS. (size) 2=0-3-8, 9=0-3-8, 15=0-3-8
Max Horz 2=99(LC 11)
Max Uplift 2=-126(LC 12), 9=-198(LC 12), 15=-212(LC 12)
Max Grav 2=339(LC 21), 9=573(LC 22), 15=851(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-9=-557/437
BOT CHORD 14-15=-141/304, 9-11=-321/486
WEBS 11-14=-349/527, 7-14=-526/544, 5-15=-407/253

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=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2E) -2-0-0 to 1-2-5, Interior(1) 1-2-5 to 8-3-0, Exterior(2R) 8-3-0 to 11-3-0, Interior(1) 11-3-0 to 22-6-0 zone; cantilever left and right exposed ; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=126, 9=198, 15=212.



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	E03	Monopitch	3	1	T26099181

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:09 2021 Page 1

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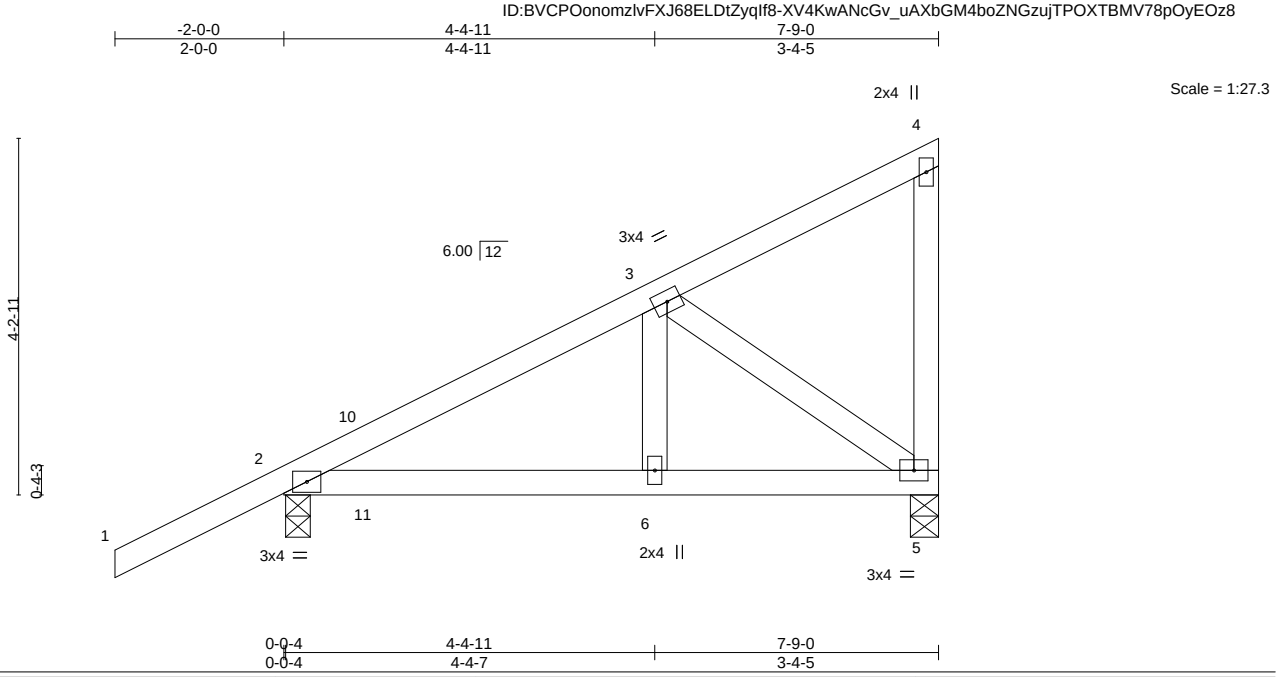


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.01	6-9	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	-0.02	6-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.02	6-9	>999	240	Weight: 42 lb	FT = 20%

LUMBER-

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

BRACING-

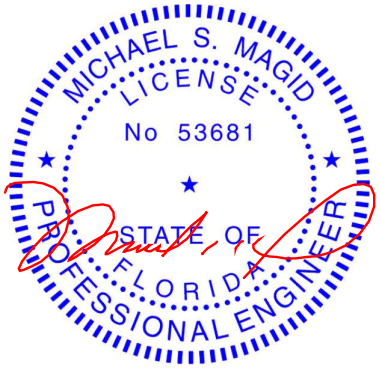
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 5=0-4-0
Max Horz 2=128(LC 12)
Max Uplift 2=-122(LC 12), 5=-93(LC 12)
Max Grav 2=404(LC 1), 5=267(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-330/238
BOT CHORD 2-6=-334/256, 5-6=-334/256
WEBS 3-5=-307/399

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 7-7-4 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 2=122.



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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	EJ7	Jack-Open	29	1	T26099182
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:10 2021 Page 1
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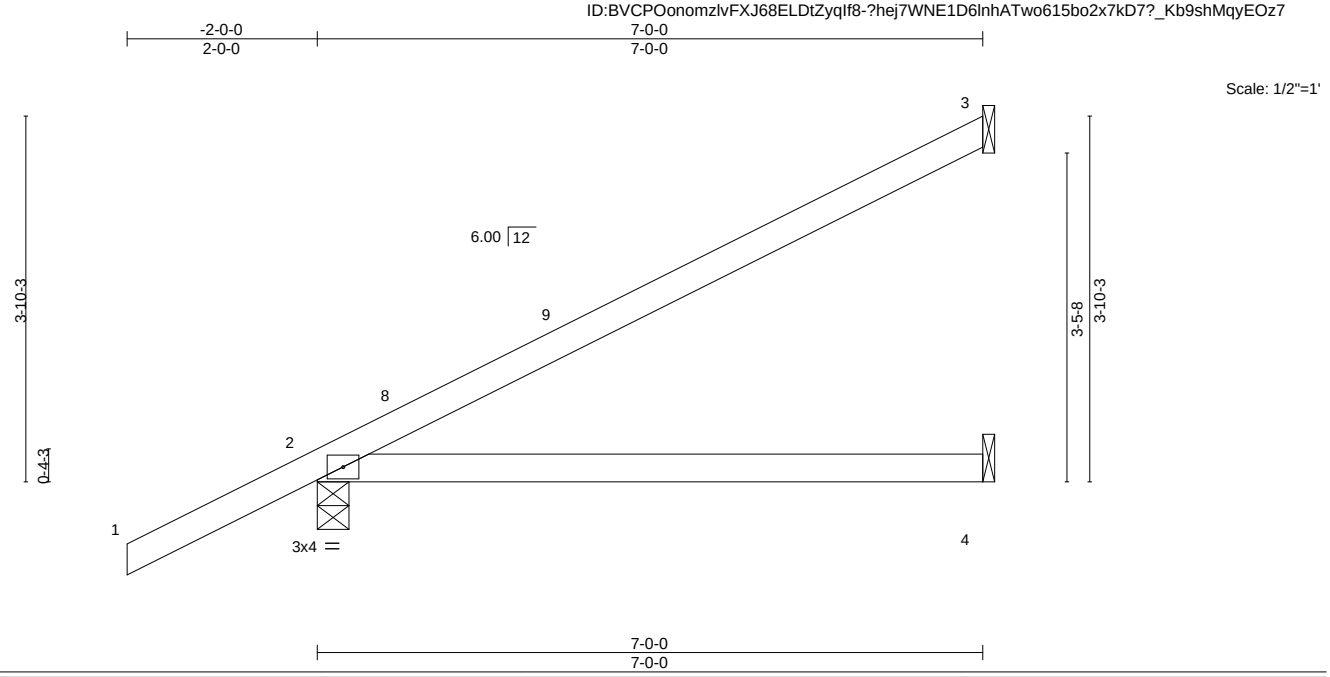


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.60	Vert(LL)	-0.09	4-7	>901	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.21	4-7	>395	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.09	4-7	>948	240	Weight: 26 lb	FT = 20%

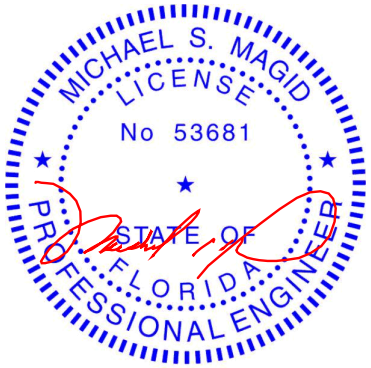
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-4-0, 4=Mechanical
Max Horz 2=120(LC 12)
Max Uplift 3=-52(LC 12), 2=-58(LC 12)
Max Grav 3=160(LC 1), 2=380(LC 1), 4=125(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 ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	EJ7T	Jack-Open	4	1	T26099183
					Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:11 2021 Page 1
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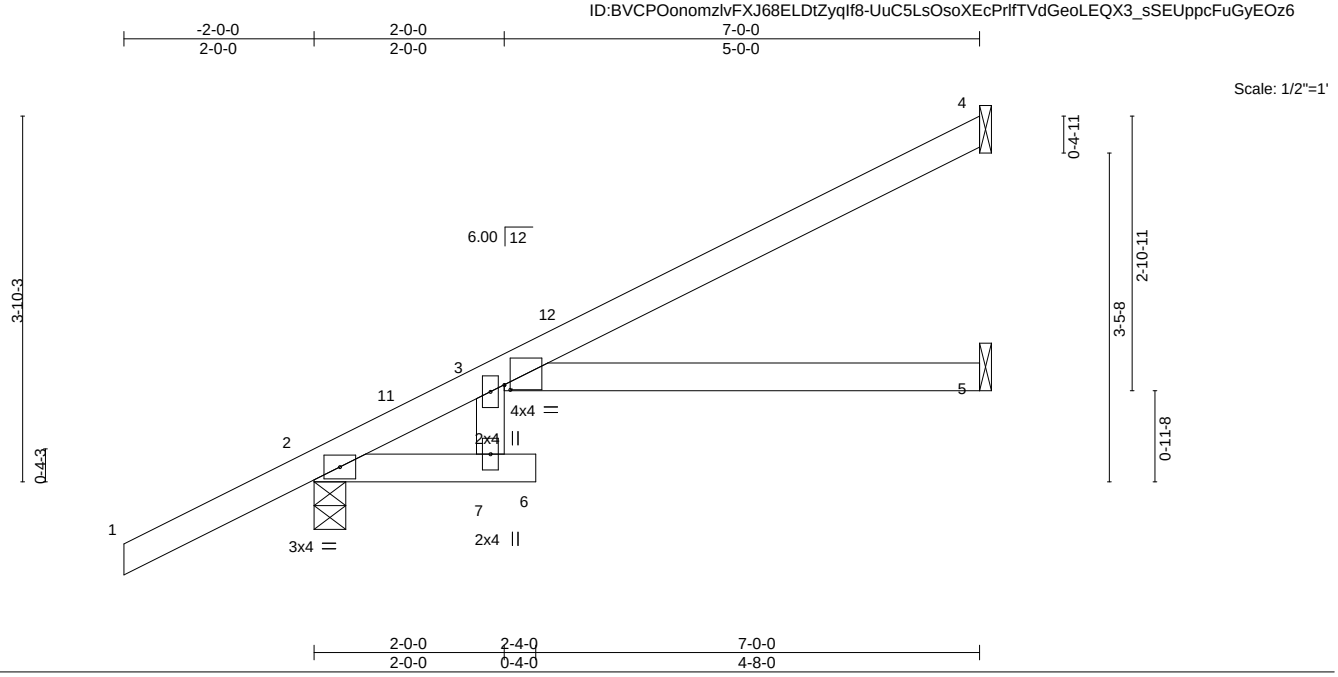


Plate Offsets (X,Y)-- [3:0-0-12,0-0-10]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.12	6	>723	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.24	3-5	>345	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.10	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MR		Wind(LL)	0.13	6	>653	240	Weight: 27 lb	FT = 20%

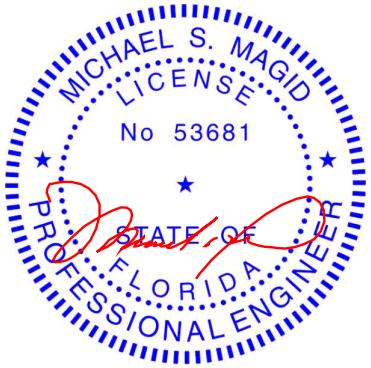
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-4-0, 5=Mechanical
Max Horz 2=120(LC 12)
Max Uplift 4=-43(LC 12), 2=-54(LC 12)
Max Grav 4=152(LC 1), 2=387(LC 1), 5=122(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 ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.



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November 29,2021

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	EJ7V	Jack-Open	3	1	T26099184

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:11 2021 Page 1

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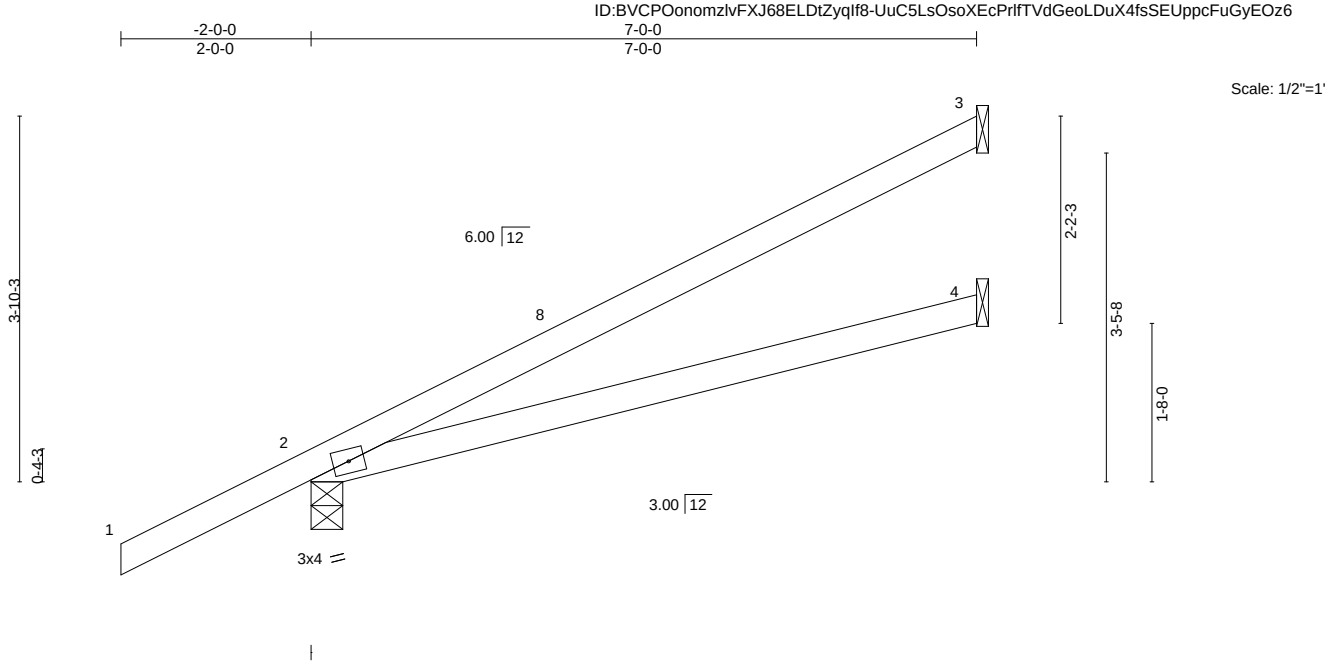


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.09	4-7	>915	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.21	4-7	>395	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.10	4-7	>832	240	Weight: 26 lb	FT = 20%

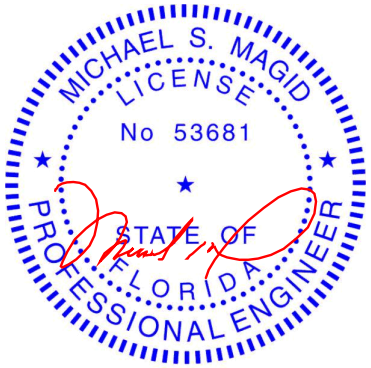
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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=0-4-0, 4=Mechanical
Max Horz 2=120(LC 12)
Max Uplift 3=-51(LC 12), 2=-57(LC 12)
Max Grav 3=159(LC 1), 2=380(LC 1), 4=123(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 0-9-7, Interior(1) 0-9-7 to 6-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	EJ7W	Jack-Open	1	1	T26099185

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:12 2021 Page 1

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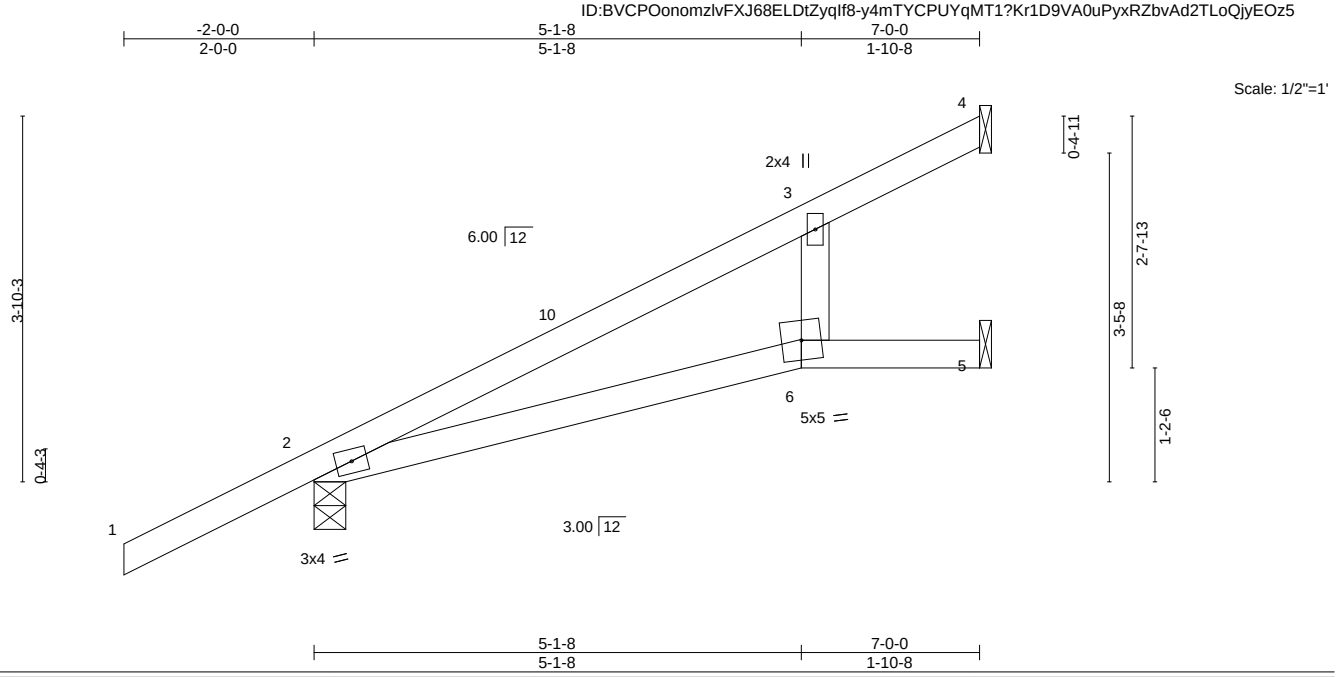


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.12	6-9	>696	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.23	6-9	>355	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.05	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.14	6-9	>612	240	Weight: 28 lb	FT = 20%

LUMBER-

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

BRACING-

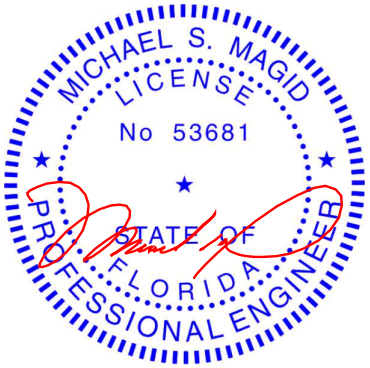
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-0, 5=Mechanical
Max Horz 2=120(LC 12)
Max Uplift 4=-22(LC 12), 2=-57(LC 12), 5=-3(LC 12)
Max Grav 4=159(LC 1), 2=380(LC 1), 5=82(LC 1)

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

NOTES-

1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=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 0-9-7, Interior(1) 0-9-7 to 6-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2, 5.



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Date:

November 29,2021

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	EJ7X	Jack-Open	1	1	T26099186

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:13 2021 Page 1

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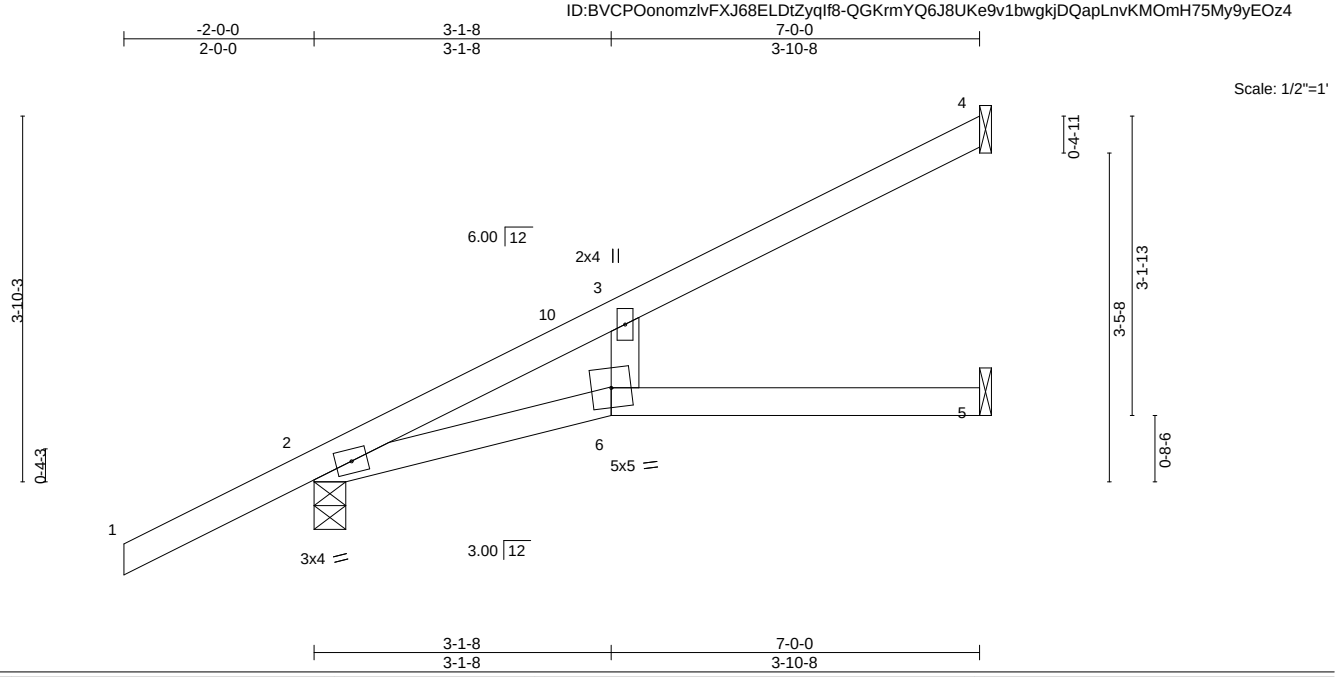


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.15	6	>574	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.38	Vert(CT)	-0.28	6	>302	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.07	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.16	6	>506	240	Weight: 27 lb	FT = 20%

LUMBER-

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

BRACING-

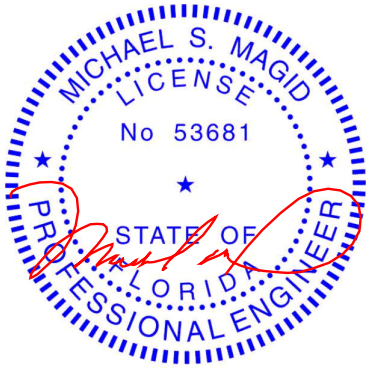
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-0, 5=Mechanical
Max Horz 2=120(LC 12)
Max Uplift 4=-40(LC 12), 2=-57(LC 12)
Max Grav 4=162(LC 1), 2=380(LC 1), 5=102(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 0-9-7, Interior(1) 0-9-7 to 6-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.



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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	EJ7Y	Jack-Open	1	1	T26099187

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:14 2021 Page 1

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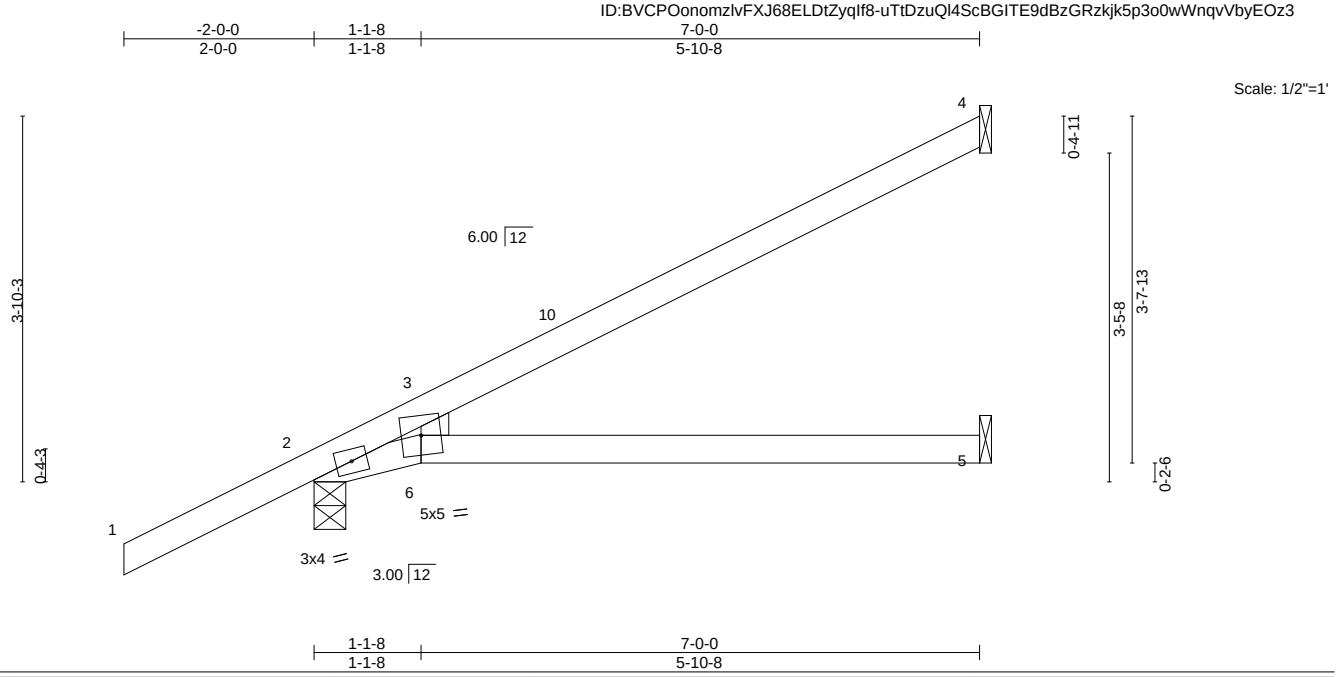


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	-0.09	5-6	>935	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.20	5-6	>417	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.03	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	0.10	5-6	>813	240	Weight: 26 lb	FT = 20%

LUMBER-

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

BRACING-

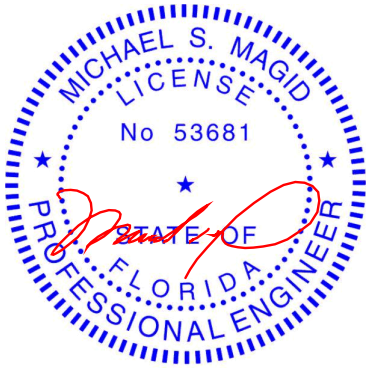
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-0, 5=Mechanical
Max Horz 2=120(LC 12)
Max Uplift 4=-52(LC 12), 2=-57(LC 12)
Max Grav 4=163(LC 1), 2=380(LC 1), 5=120(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-322/32
WEBS 3-6=-118/337

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 0-9-7, Interior(1) 0-9-7 to 6-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	EJ7Z	Jack-Open Supported Gable	1	1	T26099188

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:15 2021 Page 1

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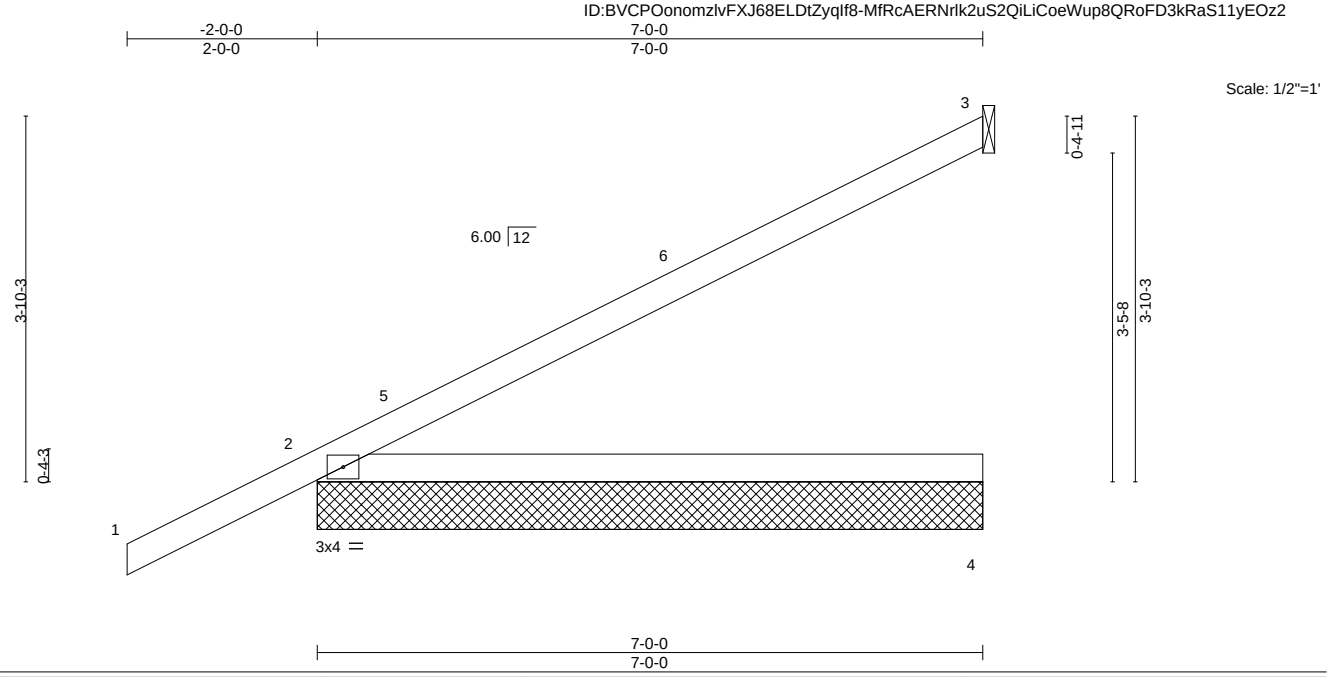


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.66	Vert(LL)	-0.11	2-4	>730	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.24	2-4	>342	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-S		Wind(LL)	0.07	2-4	>999	240	Weight: 26 lb	FT = 20%

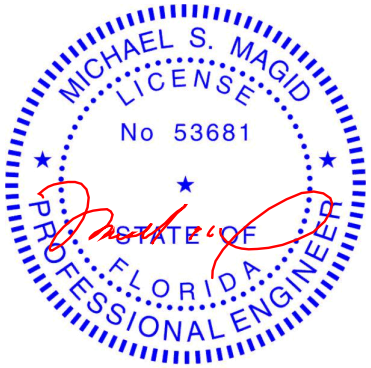
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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. All bearings 7-0-0.
(lb) - Max Horz 2=119(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 3, 2
Max Grav All reactions 250 lb or less at joint(s) 3, 3, 4 except 2=381(LC 1)

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

NOTES-
1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3E) -2-0-0 to 1-0-0, Exterior(2N) 1-0-0 to 6-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	HJ1	Diagonal Hip Girder	1	1	T26099189

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:16 2021 Page 1

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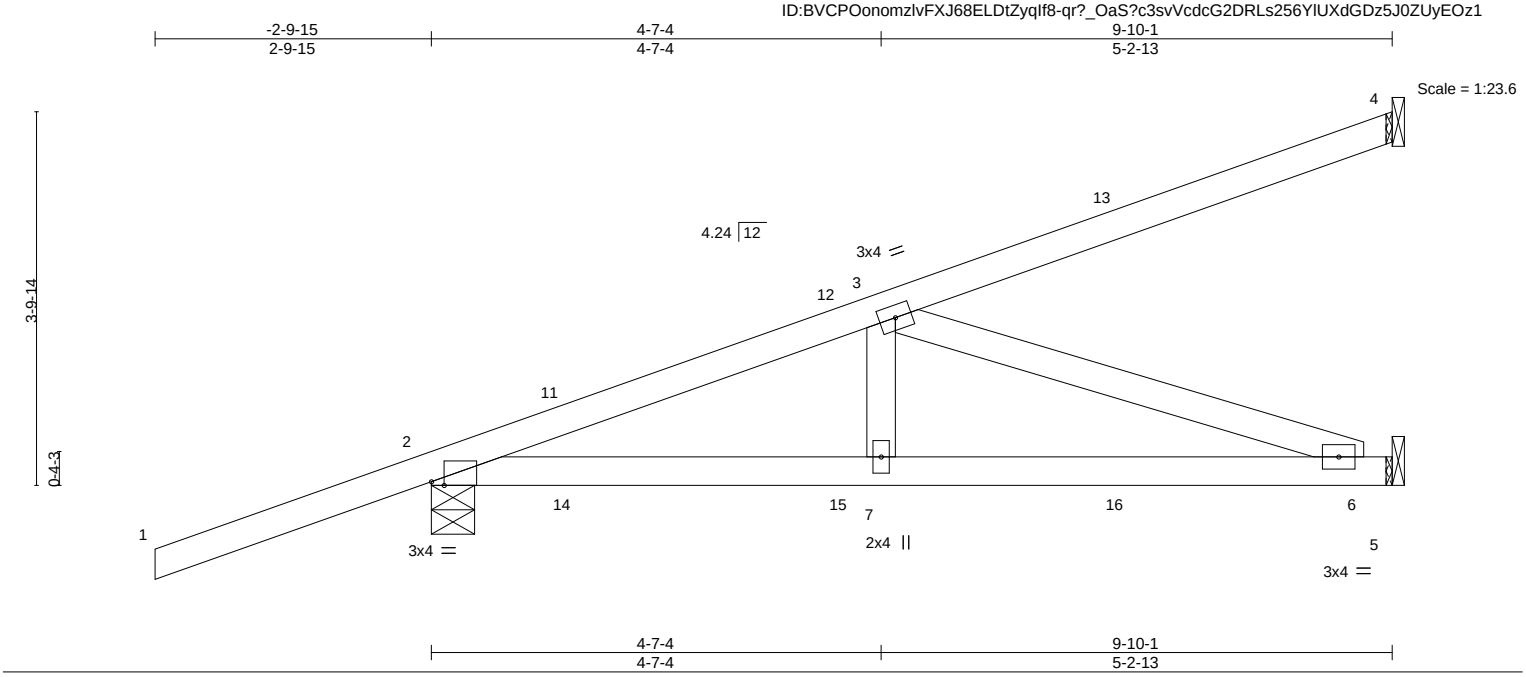


Plate Offsets (X,Y)-- [2:0-1-9,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.56	Vert(LL)	-0.05	6-7	>999	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.58	Vert(CT)	-0.11	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.33	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	-0.05	7-10	>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=Mechanical, 2=0-5-5, 5=Mechanical
Max Horz 2=119(LC 24)
Max Uplift 4=-47(LC 8), 2=-158(LC 8)
Max Grav 4=145(LC 1), 2=514(LC 28), 5=273(LC 29)

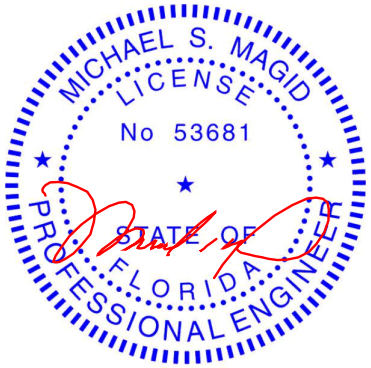
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-739/6
BOT CHORD 2-7=-51/653, 6-7=-51/653
WEBS 3-6=-689/54

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 ; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=158.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 52 lb down and 103 lb up at 1-4-15, 52 lb down and 103 lb up at 1-4-15, 50 lb down and 26 lb up at 4-2-15, 50 lb down and 26 lb up at 4-2-15, and 76 lb down and 57 lb up at 7-0-14, and 76 lb down and 57 lb up at 7-0-14 on top chord, and 28 lb down and 75 lb up at 1-4-15, 28 lb down and 75 lb up at 1-4-15, 17 lb down and 2 lb up at 4-2-15, 17 lb down and 2 lb up 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.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 5-8=-20
Concentrated Loads (lb)
Vert: 11=49(F=24, B=24) 13=-63(F=-31, B=-31) 14=70(F=35, B=35) 15=4(F=2, B=2) 16=-49(F=-25, B=-25)



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November 29,2021

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Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	HJ1T	Diagonal Hip Girder	1	1	T26099190

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:17 2021 Page 1

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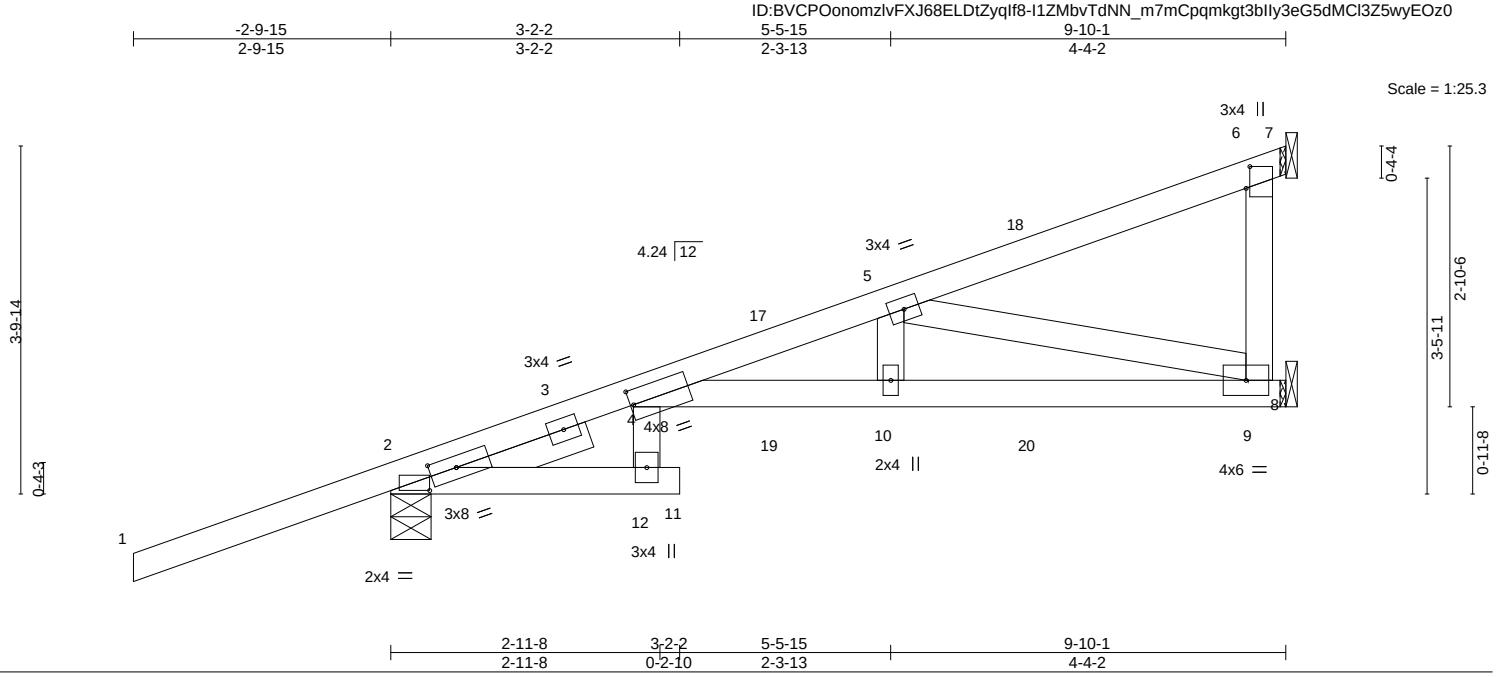


Plate Offsets (X,Y)-- [2:0-3-8,0-1-8], [2:0-3-8,0-3-0], [4:0-0-6,0-1-15], [6:0-2-14,0-0-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.40	Vert(LL)	-0.11	11	>976	360	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.19	11	>575	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.26	Horz(CT)	0.11	9	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-MS		Wind(LL)	-0.16	11	>712	240	Weight: 49 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP M 31
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2
SLIDER	Left 2x4 SP No.2 1-6-0

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, Except: 6-0-0 oc bracing: 2-12.

REACTIONS. (size) 7=Mechanical, 2=0-5-5, 9=Mechanical
Max Horz 2=119(LC 8)
Max Uplift 7=-854(LC 29), 2=-154(LC 8), 9=-101(LC 5)
Max Grav 7=100(LC 5), 2=507(LC 28), 9=1267(LC 29)

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

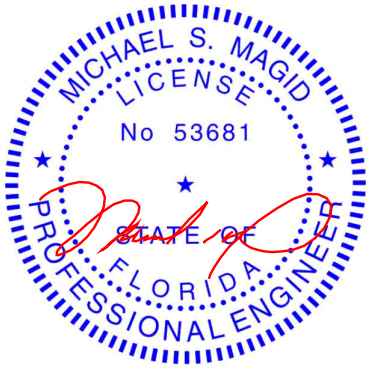
TOP CHORD	4-14=-714/450, 4-5=-912/0, 6-7=-285/33
BOT CHORD	4-12=-41/309, 4-10=-7/868, 9-10=-6/873
WEBS	5-10=0/270, 5-9=-901/6, 6-9=-993/130

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 ; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=854, 2=154, 9=101.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 53 lb down and 103 lb up at 1-4-15, 53 lb down and 103 lb up at 1-4-15, 51 lb down and 20 lb up at 4-2-15, 51 lb down and 20 lb up at 4-2-15, and 76 lb down and 47 lb up at 7-0-14, and 76 lb down and 47 lb up at 7-0-14 on top chord, and 29 lb down and 73 lb up at 1-4-15, 29 lb down and 73 lb up at 1-4-15, 18 lb down at 4-2-15, 18 lb down at 4-2-15, and 37 lb down at 7-0-14, and 37 lb down at 7-0-14 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-54, 4-6=-54, 12-13=-20, 11-12=-20, 4-8=-20



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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 14=49(F=24, B=24) 15=66(F=33, B=33) 17=-3(F=-2, B=-2) 18=-47(F=-24, B=-24) 19=-16(F=-8, B=-8) 20=-73(F=-37, B=-37)

Job	Truss	Truss Type	Qty	Ply	2265-Cr-Tray
613840	PB1	Piggyback	6	1	T26099191

Job Reference (optional)

Tibbetts Lumber Co., LLC, Ocala, FL - 34472, 8.520 s Aug 27 2021 MiTek Industries, Inc. Mon Nov 29 06:53:18 2021 Page 1

ID:BVCPOonomzlvFXJ68ELDtZyqIf8-mE7kpFUF8g6clwn?OTFvQH8ZwMaJ?czWQPo7eMyEOz?

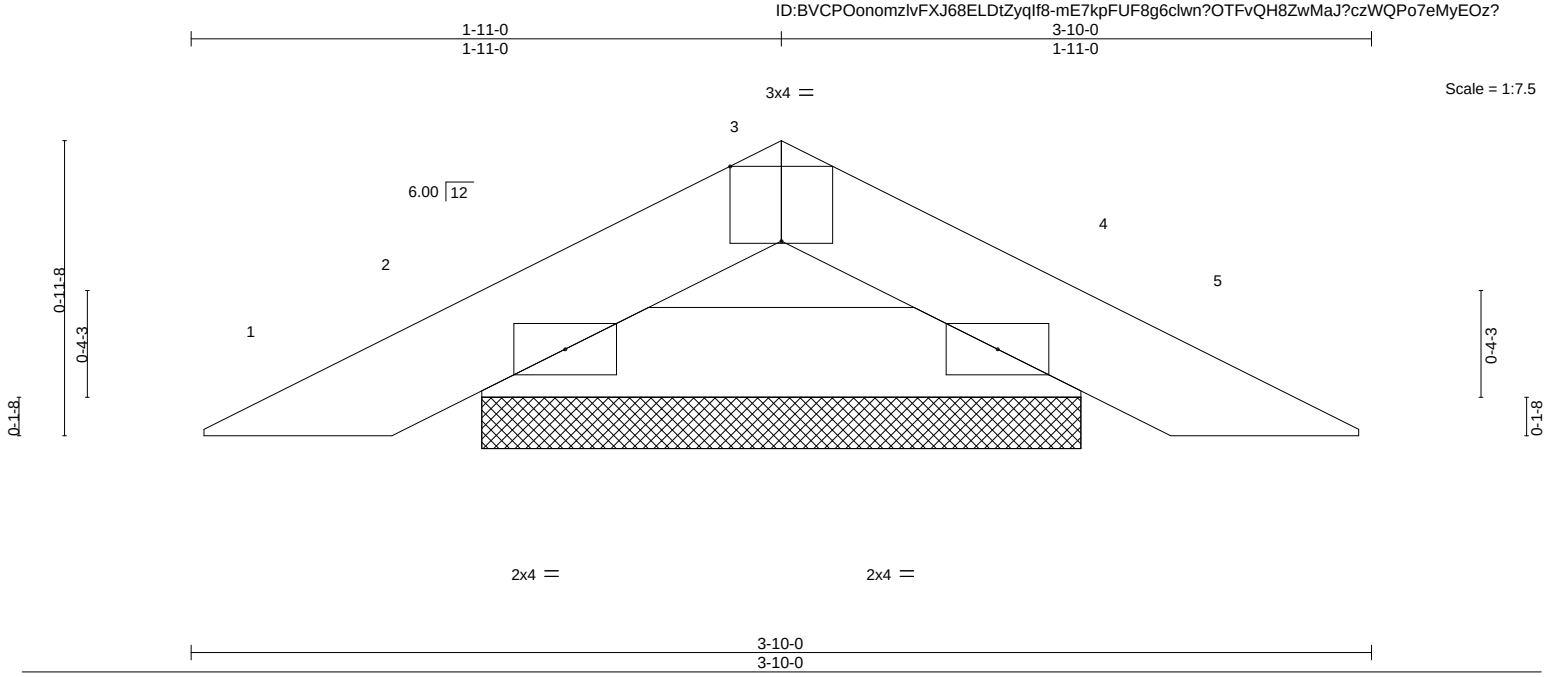


Plate Offsets (X,Y)-- [3:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.02	Vert(LL)	-0.00	4	n/r	120	MT20	244/190
TCDL	7.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	-0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2020/TPI2014		Matrix-P							Weight: 9 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2

BOT CHORD 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-10-0 oc purlins.

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

REACTIONS. (size) 2=1-11-6, 4=1-11-6

Max Horz 2=-13(LC 10)

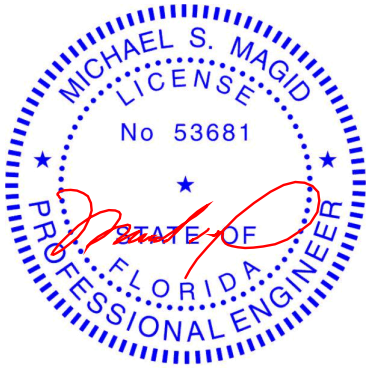
Max Uplift 2=-20(LC 12), 4=-20(LC 12)

Max Grav 2=104(LC 1), 4=104(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) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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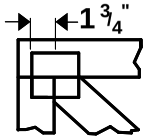
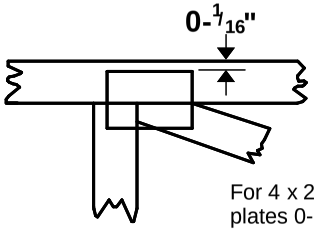
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

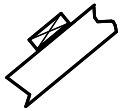
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

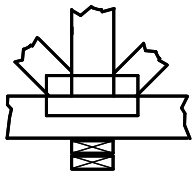
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

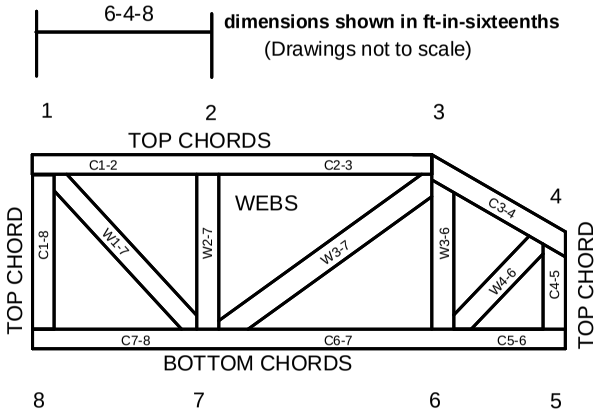


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

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

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

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