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

RE: 413220 - 348 Shore Drive E.

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

Site Information:

Customer Info: Deeb Family Homes Project Name: New Residence Model:
Lot/Block: Subdivision:
Address: 348 Shore Drive E.
City: Oldsmar State: Florida

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

Name: License #:
Address:
City: State:

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

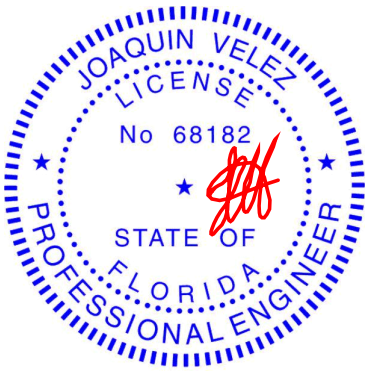
Design Code: FBC2017/TPI2014 Design Program: MiTek 20/20 8.2
Wind Code: ASCE 7-10 Wind Speed: 145 mph
Roof Load: 45.0 psf Floor Load: 118.0 psf

This package includes 168 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	T16796479	01A	4/17/19	18	T16796496	04A	4/17/19
2	T16796480	01B	4/17/19	19	T16796497	04B	4/17/19
3	T16796481	01C	4/17/19	20	T16796498	04C	4/17/19
4	T16796482	01D	4/17/19	21	T16796499	04D	4/17/19
5	T16796483	01E	4/17/19	22	T16796500	04E	4/17/19
6	T16796484	01F	4/17/19	23	T16796501	04F	4/17/19
7	T16796485	01G	4/17/19	24	T16796502	04G	4/17/19
8	T16796486	02A	4/17/19	25	T16796503	04H	4/17/19
9	T16796487	02B	4/17/19	26	T16796504	04I	4/17/19
10	T16796488	02C	4/17/19	27	T16796505	04J	4/17/19
11	T16796489	02D	4/17/19	28	T16796506	04K	4/17/19
12	T16796490	02E	4/17/19	29	T16796507	04L	4/17/19
13	T16796491	02F	4/17/19	30	T16796508	04M	4/17/19
14	T16796492	03A	4/17/19	31	T16796509	05A	4/17/19
15	T16796493	03B	4/17/19	32	T16796510	05B	4/17/19
16	T16796494	03C	4/17/19	33	T16796511	05C	4/17/19
17	T16796495	03D	4/17/19	34	T16796512	06A	4/17/19

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 Company-Lutz.

Truss Design Engineer's Name: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2021.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:

April 17,2019

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

RE: 413220 - 348 Shore Drive E.

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

Site Information:

Customer Info: Deeb Family Homes Project Name: New Residence Model:
Lot/Block: Subdivision:
Address: 348 Shore Drive E.
City: Oldsmar State: Florida

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
35	T16796513	06B	4/17/19	78	T16796556	F10	4/17/19
36	T16796514	06C	4/17/19	79	T16796557	F11	4/17/19
37	T16796515	06D	4/17/19	80	T16796558	F12	4/17/19
38	T16796516	07A	4/17/19	81	T16796559	F13	4/17/19
39	T16796517	07B	4/17/19	82	T16796560	F14	4/17/19
40	T16796518	07C	4/17/19	83	T16796561	F15	4/17/19
41	T16796519	07D	4/17/19	84	T16796562	F16	4/17/19
42	T16796520	08A	4/17/19	85	T16796563	F17	4/17/19
43	T16796521	08B	4/17/19	86	T16796564	F18	4/17/19
44	T16796522	08C	4/17/19	87	T16796565	F19	4/17/19
45	T16796523	08D	4/17/19	88	T16796566	F20	4/17/19
46	T16796524	08E	4/17/19	89	T16796567	F21	4/17/19
47	T16796525	08F	4/17/19	90	T16796568	F22	4/17/19
48	T16796526	09A	4/17/19	91	T16796569	F23	4/17/19
49	T16796527	09B	4/17/19	92	T16796570	F24	4/17/19
50	T16796528	10A	4/17/19	93	T16796571	F25	4/17/19
51	T16796529	10B	4/17/19	94	T16796572	F26	4/17/19
52	T16796530	10C	4/17/19	95	T16796573	F27	4/17/19
53	T16796531	11A	4/17/19	96	T16796574	F28	4/17/19
54	T16796532	11B	4/17/19	97	T16796575	F29	4/17/19
55	T16796533	11C	4/17/19	98	T16796576	F30	4/17/19
56	T16796534	11D	4/17/19	99	T16796577	F31	4/17/19
57	T16796535	11E	4/17/19	100	T16796578	F32	4/17/19
58	T16796536	12A	4/17/19	101	T16796579	F32A	4/17/19
59	T16796537	12B	4/17/19	102	T16796580	F33	4/17/19
60	T16796538	12C	4/17/19	103	T16796581	F34	4/17/19
61	T16796539	13A	4/17/19	104	T16796582	F35	4/17/19
62	T16796540	13B	4/17/19	105	T16796583	F36	4/17/19
63	T16796541	14A	4/17/19	106	T16796584	F37	4/17/19
64	T16796542	14B	4/17/19	107	T16796585	F38	4/17/19
65	T16796543	15A	4/17/19	108	T16796586	F39	4/17/19
66	T16796544	16A	4/17/19	109	T16796587	F40	4/17/19
67	T16796545	16B	4/17/19	110	T16796588	F41	4/17/19
68	T16796546	16C	4/17/19	111	T16796589	F42	4/17/19
69	T16796547	F1	4/17/19	112	T16796590	F43	4/17/19
70	T16796548	F2	4/17/19	113	T16796591	F44	4/17/19
71	T16796549	F3	4/17/19	114	T16796592	FG1	4/17/19
72	T16796550	F4	4/17/19	115	T16796593	FG2	4/17/19
73	T16796551	F5	4/17/19	116	T16796594	FG3	4/17/19
74	T16796552	F6	4/17/19	117	T16796595	FG4	4/17/19
75	T16796553	F7	4/17/19	118	T16796596	FG5	4/17/19
76	T16796554	F8	4/17/19	119	T16796597	FG6	4/17/19
77	T16796555	F9	4/17/19	120	T16796598	FL1	4/17/19

RE: 413220 - 348 Shore Drive E.

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

Site Information:

Customer Info: Deeb Family Homes Project Name: New Residence Model:
Lot/Block: Subdivision:
Address: 348 Shore Drive E.
City: Oldsmar State: Florida

No.	Seal#	Truss Name	Date
121	T16796599	FL2	4/17/19
122	T16796600	FL3	4/17/19
123	T16796601	J1	4/17/19
124	T16796602	J1A	4/17/19
125	T16796603	J1AU	4/17/19
126	T16796604	J1E	4/17/19
127	T16796605	J1U	4/17/19
128	T16796606	J3	4/17/19
129	T16796607	J3A	4/17/19
130	T16796608	J3AU	4/17/19
131	T16796609	J3BU	4/17/19
132	T16796610	J3E	4/17/19
133	T16796611	J3U	4/17/19
134	T16796612	J5	4/17/19
135	T16796613	J5A	4/17/19
136	T16796614	J5AU	4/17/19
137	T16796615	J5B	4/17/19
138	T16796616	J5BU	4/17/19
139	T16796617	J5CU	4/17/19
140	T16796618	J5DU	4/17/19
141	T16796619	J5E	4/17/19
142	T16796620	J5EU	4/17/19
143	T16796621	J5U	4/17/19
144	T16796622	J7	4/17/19
145	T16796623	J7A	4/17/19
146	T16796624	J7AU	4/17/19
147	T16796625	J7U	4/17/19
148	T16796626	K3	4/17/19
149	T16796627	K3U	4/17/19
150	T16796628	K5AU	4/17/19
151	T16796629	K5E	4/17/19
152	T16796630	K5U	4/17/19
153	T16796631	K7	4/17/19
154	T16796632	K7A	4/17/19
155	T16796633	K7AU	4/17/19
156	T16796634	K7U	4/17/19
157	T16796635	V1	4/17/19
158	T16796636	V2	4/17/19
159	T16796637	V3	4/17/19
160	T16796638	V4	4/17/19
161	T16796639	V5	4/17/19
162	T16796640	V6	4/17/19
163	T16796641	V7	4/17/19
164	T16796642	V8	4/17/19
165	T16796643	V9	4/17/19
166	T16796644	V10	4/17/19
167	T16796645	V11	4/17/19
168	T16796646	V12	4/17/19

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	01A	ROOF TRUSS	1	3	T16796479

TIBBETTS LUMBER CO LLC, LUTZ, FL

Job Reference (optional)

8.240 s Mar 23 2019 MiTek Industries, Inc. Wed Apr 17 09:02:07 2019 Page 1

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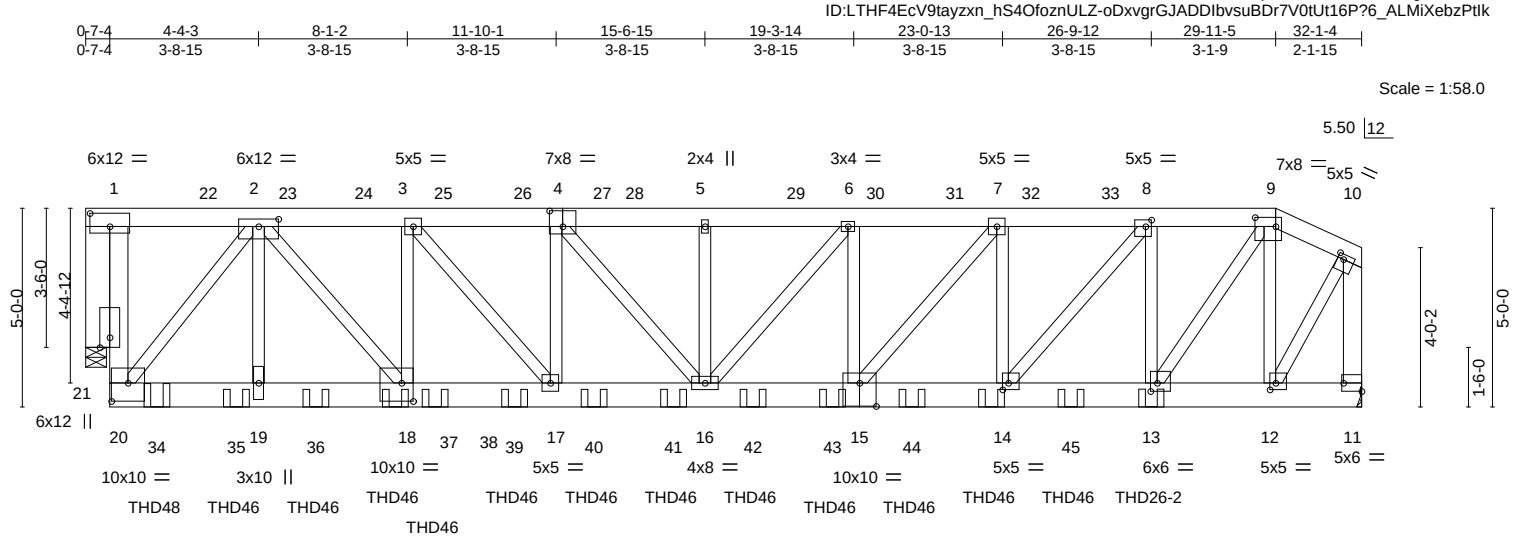


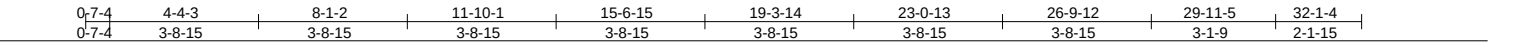


Plate Offsets (X,Y)-- [1:0-6-0,0-4-0], [2:0-6-0,0-2-4], [4:0-4-0,0-4-12], [8:0-1-12,0-2-0], [9:0-6-4,0-2-12], [10:0-1-12,0-1-8], [11:Edge,0-2-8], [12:0-1-12,0-2-0], [13:0-2-0,0-2-8], [14:0-1-12,0-2-0], [15:0-5-0,0-7-0], [18:0-3-8,0-5-8], [20:0-5-0,0-5-8], [21:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.00	TC	0.62	Vert(LL)	-0.15	16	>999	480	MT20	244/190
TCDL	15.0	Lumber DOL	1.00	BC	0.56	Vert(CT)	-0.44	16	>846	360		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.96	Horz(CT)	0.04	11	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 937 lb	FT = 10%

LUMBER-

TOP CHORD 2x6 SP No.2 *Except*
4-9: 2x6 SP DSS
BOT CHORD 2x8 SP DSS *Except*
1-20: 2x6 SP DSS
WEBS 2x4 SP No.2 *Except*
2-18,9-13: 2x4 SP M 31, 10-11: 2x6 SP No.2
OTHERS 2x8 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-3-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 11=9624/Mechanical, 21=13510/0-6-4 (min. 0-2-8)
Max Grav 11=10094(LC 2), 21=15099(LC 2)

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

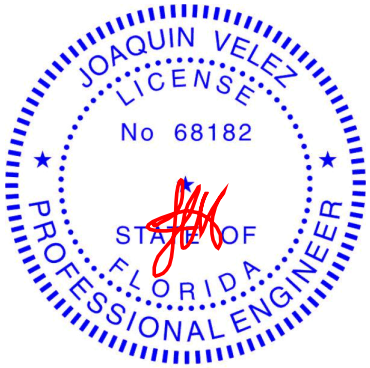
TOP CHORD 1-22=-368/0, 2-22=-368/0, 2-23=-18077/0, 23-24=-18077/0, 3-24=-18077/0, 3-25=-21973/0, 25-26=-21973/0, 4-26=-21973/0, 4-27=-23417/0, 27-28=-23417/0, 5-28=-23417/0, 5-29=-23417/0, 6-29=-23417/0, 6-30=-21761/0, 30-31=-21761/0, 7-31=-21761/0, 7-32=-17765/0, 32-33=-17765/0, 8-33=-17765/0, 8-9=-11237/0, 9-10=-5220/0, 10-11=-9953/0

BOT CHORD 20-21=0/14300, 1-21=-840/0, 20-34=0/10289, 34-35=0/10289, 19-35=0/10289, 19-36=0/10289, 36-37=0/10289, 18-37=0/10289, 18-38=0/18077, 38-39=0/18077, 17-39=0/18077, 17-40=0/22110, 40-41=0/22110, 16-41=0/22110, 16-42=0/21881, 42-43=0/21881, 15-43=0/21881, 15-44=0/17765, 14-44=0/17765, 14-45=0/11237, 13-45=0/11237, 12-13=0/4369

WEBS 2-20=-16048/0, 2-19=0/2732, 2-18=0/12126, 3-18=-6150/0, 3-17=0/6079, 4-17=-4092/0, 4-16=0/2199, 5-16=-2495/0, 6-16=0/2393, 6-15=-3693/0, 7-15=0/6373, 7-14=-6630/0, 8-14=0/10167, 8-13=-8756/0, 9-13=0/11979, 9-12=-7530/0, 10-12=0/8687

NOTES-

1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x8 - 3 rows staggered at 0-5-0 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) Provide adequate drainage to prevent water ponding.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 21 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

8) Standard loadcase(s) has been removed. Building designer must review loads shown to verify that they are correct for the intended use of the truss.
9) Use USP THD48 (With 28-16d nails into Girder & 16-10d nails into Truss) or equivalent at 1-9-8 from the left end to connect truss(es) F43 (1 ply 2x4 SP) to back face of bottom chord.
10) Use USP THD46 (With 18-16d nails into Girder & 12-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 3-9-8 from the left end to 24-9-8 to connect truss(es) F43 (1 ply 2x4 SP), F44 (1 ply 2x4 SP) to back face of bottom chord.
11) Use USP THD26-2 (With 18-16d nails into Girder & 12-10d nails into Truss) or equivalent at 26-9-12 from the left end to connect truss(es) FG5 (2 ply 2x6 SP) to back face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S)

1) Dead + Roof Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-8=-170, 8-9=-70, 9-10=-70, 11-20=-20
   Concentrated Loads (lb)
      Vert: 1=-326 5=-742 14=-425(B) 8=-389 13=-661(B) 22=-320 23=-391 24=-472 25=-472 26=-472 27=-472 28=-1585 29=-742 30=-742 31=-1051 32=-323 33=-326 34=-1108(B) 35=-1108(B) 36=-1108(B) 37=-1108(B) 38=-425(B) 39=-425(B) 40=-425(B) 41=-425(B) 42=-425(B) 43=-425(B) 44=-425(B) 45=-425(B)
2) Dead + 0.75 Roof Live (balanced) + 0.75 Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-8=-150, 8-9=-60, 9-10=-60, 11-20=-20
   Concentrated Loads (lb)
      Vert: 1=-290 5=-660 14=-634(B) 8=-346 13=-654(B) 22=-284 23=-348 24=-420 25=-420 26=-420 27=-420 28=-1409 29=-660 30=-660 31=-934 32=-287 33=-290 34=-1542(B) 35=-1542(B) 36=-1542(B) 37=-1542(B) 38=-634(B) 39=-634(B) 40=-634(B) 41=-634(B) 42=-634(B) 43=-634(B) 44=-634(B) 45=-634(B)
3) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
   Uniform Loads (plf)
      Vert: 1-8=-90, 8-9=-30, 9-10=-30, 11-20=-20
   Concentrated Loads (lb)
      Vert: 1=-181 5=-412 14=-704(B) 8=-216 13=-651(B) 22=-178 23=-217 24=-262 25=-262 26=-262 27=-262 28=-881 29=-412 30=-412 31=-584 32=-179 33=-181 34=-1686(B) 35=-1686(B) 36=-1686(B) 37=-1686(B) 38=-704(B) 39=-704(B) 40=-704(B) 41=-704(B) 42=-704(B) 43=-704(B) 44=-704(B) 45=-704(B)
4) 1st Dead + Roof Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-8=-170, 8-9=-70, 9-10=-30, 11-20=-20
   Concentrated Loads (lb)
      Vert: 1=-326 5=-742 14=-425(B) 8=-389 13=-661(B) 22=-320 23=-391 24=-472 25=-472 26=-472 27=-472 28=-1585 29=-742 30=-742 31=-1051 32=-323 33=-326 34=-1108(B) 35=-1108(B) 36=-1108(B) 37=-1108(B) 38=-425(B) 39=-425(B) 40=-425(B) 41=-425(B) 42=-425(B) 43=-425(B) 44=-425(B) 45=-425(B)
5) 2nd Dead + Roof Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-8=-170, 8-9=-70, 9-10=-70, 11-20=-20
   Concentrated Loads (lb)
      Vert: 1=-326 5=-742 14=-425(B) 8=-389 13=-661(B) 22=-320 23=-391 24=-472 25=-472 26=-472 27=-472 28=-1585 29=-742 30=-742 31=-1051 32=-323 33=-326 34=-1108(B) 35=-1108(B) 36=-1108(B) 37=-1108(B) 38=-425(B) 39=-425(B) 40=-425(B) 41=-425(B) 42=-425(B) 43=-425(B) 44=-425(B) 45=-425(B)
6) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-8=-150, 8-9=-60, 9-10=-30, 11-20=-20
   Concentrated Loads (lb)
      Vert: 1=-290 5=-660 14=-634(B) 8=-346 13=-654(B) 22=-284 23=-348 24=-420 25=-420 26=-420 27=-420 28=-1409 29=-660 30=-660 31=-934 32=-287 33=-290 34=-1542(B) 35=-1542(B) 36=-1542(B) 37=-1542(B) 38=-634(B) 39=-634(B) 40=-634(B) 41=-634(B) 42=-634(B) 43=-634(B) 44=-634(B) 45=-634(B)
7) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Attic Floor: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
      Vert: 1-8=-150, 8-9=-60, 9-10=-60, 11-20=-20
   Concentrated Loads (lb)
      Vert: 1=-290 5=-660 14=-634(B) 8=-346 13=-654(B) 22=-284 23=-348 24=-420 25=-420 26=-420 27=-420 28=-1409 29=-660 30=-660 31=-934 32=-287 33=-290 34=-1542(B) 35=-1542(B) 36=-1542(B) 37=-1542(B) 38=-634(B) 39=-634(B) 40=-634(B) 41=-634(B) 42=-634(B) 43=-634(B) 44=-634(B) 45=-634(B)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	01B	Hip	1	1	T16796480
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:38 2019 Page 1
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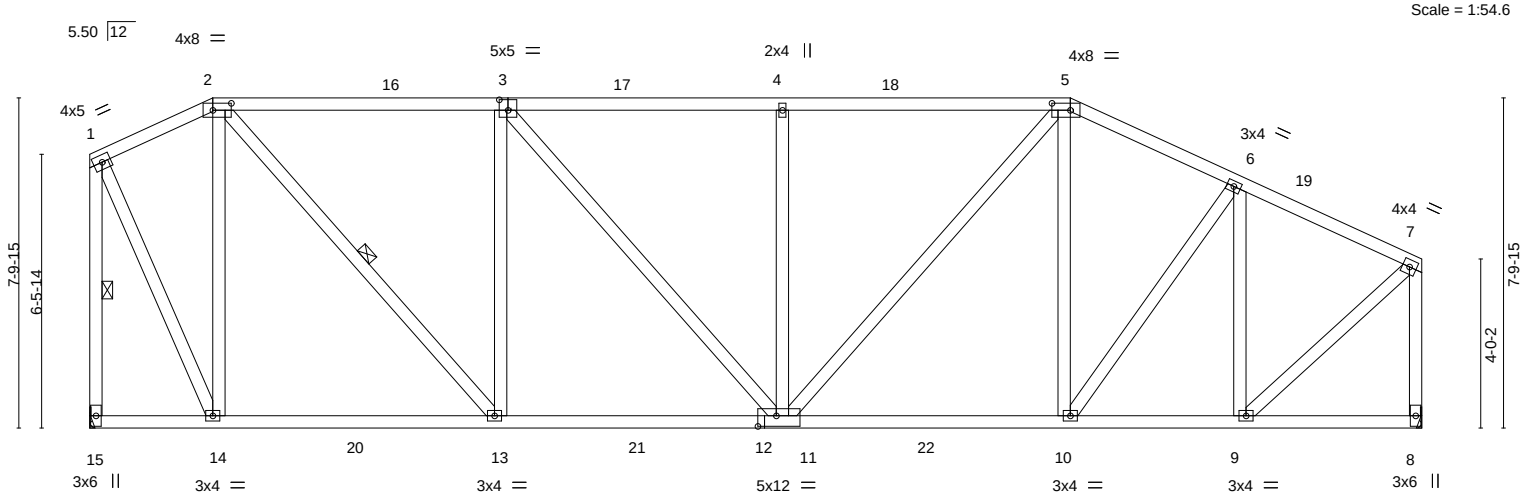
2-11-0	9-8-15	16-5-1	23-3-0	27-3-4	31-7-0
2-11-0	6-9-15	6-8-3	6-9-15	4-0-4	4-3-12

Scale = 1:54.6



2-11-0	9-8-15	16-5-1	23-3-0	27-3-4	31-7-0
2-11-0	6-9-15	6-8-3	6-9-15	4-0-4	4-3-12

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.08	10-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.54	Vert(CT)	-0.18	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	11-13	>999	240	Weight: 232 lb	FT = 10%

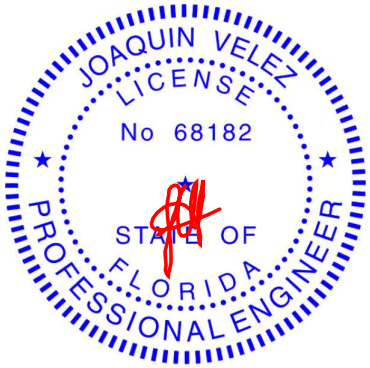
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-5 oc bracing.
WEBS 1 Row at midpt 2-13, 1-15

REACTIONS. (lb/size) 15=1408/Mechanical, 8=1408/Mechanical
Max Horz 15=-480(LC 10)
Max Uplift 15=-677(LC 8), 8=-626(LC 12)
Max Grav 15=1456(LC 19), 8=1408(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-721/530, 2-3=-1370/916, 3-4=-1550/1023, 4-5=-1550/1023, 5-6=-1395/854, 6-7=-1117/654, 1-15=-1445/874, 7-8=-1366/828
BOT CHORD 14-15=-408/503, 13-14=-386/716, 11-13=-794/1484, 10-11=-675/1219, 9-10=-577/953
WEBS 2-14=-997/795, 2-13=-722/1253, 3-13=-741/614, 3-11=-235/331, 4-11=-491/429, 5-11=-319/610, 5-10=-252/209, 6-10=-179/521, 6-9=-761/511, 1-14=-772/1300, 7-9=-674/1215

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 7-1-15, Interior(1) 7-1-15 to 23-3-0, Exterior(2) 23-3-0 to 27-3-4, Interior(1) 27-3-4 to 31-5-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 15=677, 8=626.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

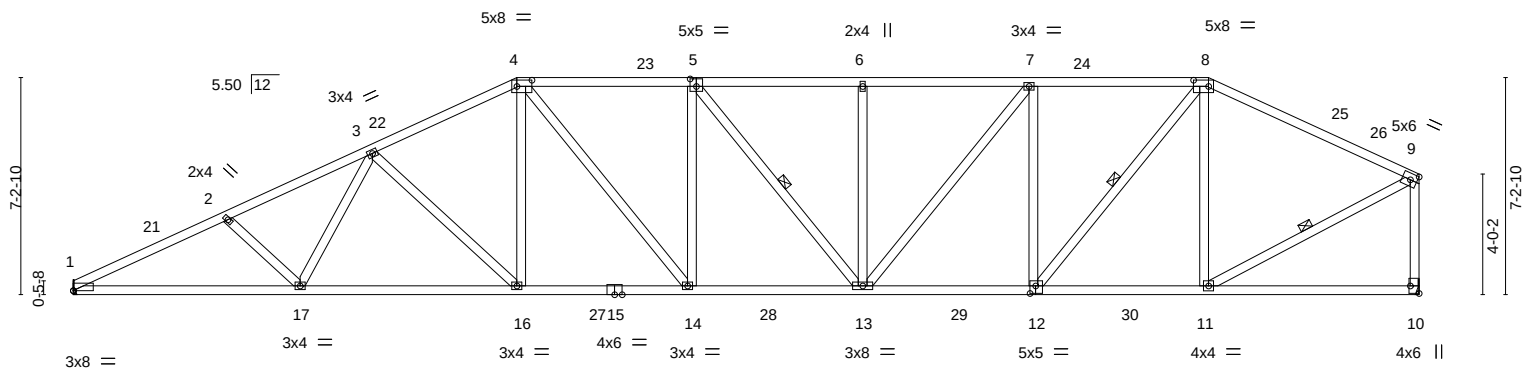
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	01C	Hip	1	1	T16796481
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:39 2019 Page 1

ID:LTHF4EcV9tayzxn_hS4OfoznULZ-ANEzOb80gUQCFwLQNYF6GO3f_nISEKQmiEbiX9zQ8lk

5-1-12	9-11-6	14-9-0	20-6-14	26-3-0	31-11-2	37-9-0	44-9-0
5-1-12	4-9-10	4-9-10	5-9-14	5-8-2	5-8-2	5-9-14	7-0-0

Scale = 1:76.6



7-6-9	14-9-0	20-6-14	26-3-0	31-11-2	37-9-0	44-9-0
7-6-9	7-2-7	5-9-14	5-8-2	5-8-2	5-9-14	7-0-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.74	Vert(LL)	-0.22	14	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.82	Vert(CT)	-0.51	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.16	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.34	13-14	>999	240	Weight: 275 lb	FT = 10%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 8-9: 2x4 SP M 31
BOT CHORD 2x4 SP No.2 *Except* 1-15: 2x4 SP M 31
WEBS 2x4 SP No.2

BRACING-

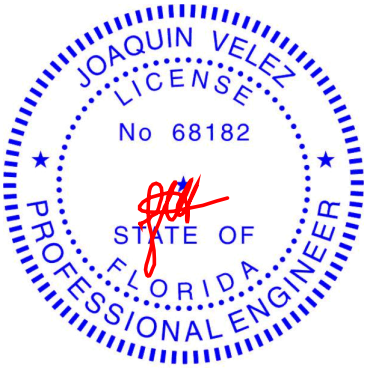
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-4-3 oc bracing.
WEBS 1 Row at midpt 5-13, 8-12, 9-11

REACTIONS. (lb/size) 1=2007/Mechanical, 10=2007/Mechanical
Max Horz 1=371(LC 11)
Max Uplift 1=-898(LC 12), 10=-902(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4104/2159, 2-3=-3872/2073, 3-4=-3270/1866, 4-5=-3276/1954, 5-6=-3162/1910, 6-7=-3162/1910, 7-8=-2667/1657, 8-9=-2018/1178, 9-10=-1941/1173
BOT CHORD 1-17=-2213/3776, 16-17=-2001/3438, 14-16=-1675/3021, 13-14=-1851/3372, 12-13=-1514/2746, 11-12=-982/1785
WEBS 2-17=-267/294, 3-17=-112/394, 3-16=-599/456, 4-16=-245/616, 4-14=-334/685, 5-14=-422/321, 6-13=-374/310, 7-13=-421/806, 7-12=-1057/692, 8-12=-821/1540, 8-11=-771/575, 9-11=-1021/1956

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 14-9-0, Exterior(2) 14-9-0 to 18-11-15, Interior(1) 18-11-15 to 37-9-0, Exterior(2) 37-9-0 to 41-11-15, Interior(1) 41-11-15 to 44-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=898, 10=902.



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Date:
April 17,2019

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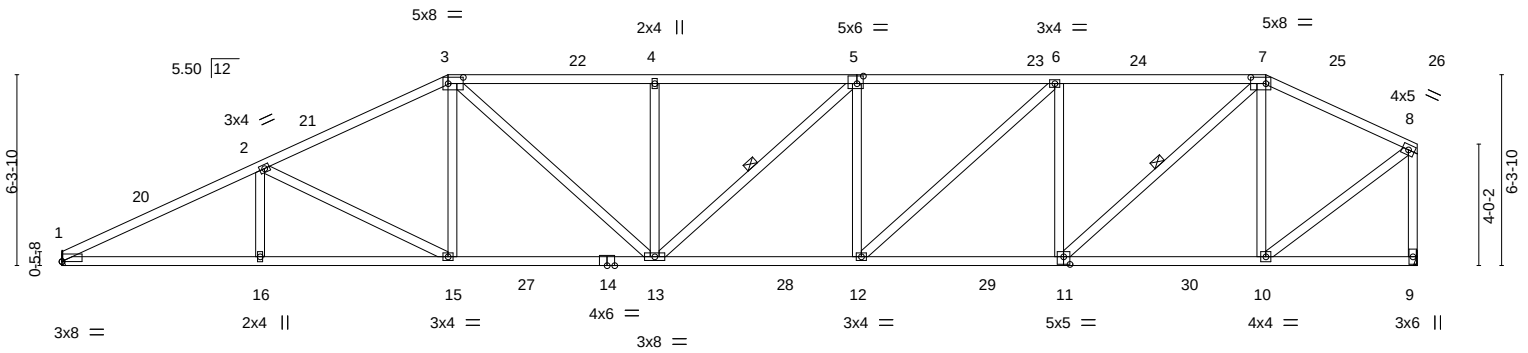
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	01D	Hip	1	1	T16796482
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:40 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-eanMcx9fRoY3t4wcxGmLpcbm7Bckzp0vxuLG4bzQ8lj

6-6-9	12-9-0	19-6-14	26-3-0	32-11-2	39-9-0	44-9-0
6-6-9	6-2-7	6-9-14	6-8-2	6-8-2	6-9-14	5-0-0

Scale = 1:76.1



6-6-9	12-9-0	19-6-14	26-3-0	32-11-2	39-9-0	44-9-0
6-6-9	6-2-7	6-9-14	6-8-2	6-8-2	6-9-14	5-0-0

Plate Offsets (X,Y)-- [1:0-0-0,0-0-1], [3:0-6-0,0-2-8], [5:0-2-8,0-3-0], [7:0-6-0,0-2-8], [11:0-2-8,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.97	Vert(LL)	-0.24	12-13	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.56	12-13	>955	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.17	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	12-13	>999	240	Weight: 258 lb	FT = 10%

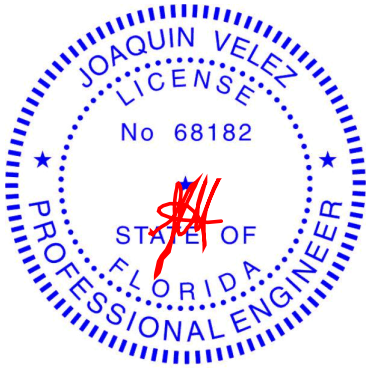
LUMBER-
TOP CHORD 2x4 SP M 31 *Except* 7-8,5-7: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except* 1-14: 2x4 SP M 31
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 5-13, 7-11

REACTIONS. (lb/size) 1=2007/Mechanical, 9=2007/Mechanical
Max Horz 1=343(LC 11)
Max Uplift 1=-898(LC 12), 9=-902(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4075/2151, 2-3=-3475/1936, 3-4=-3727/2180, 4-5=-3727/2180, 5-6=-3657/2137, 6-7=-2911/1755, 7-8=-1749/1036, 8-9=-1964/1169
BOT CHORD 1-16=-2207/3692, 15-16=-2207/3692, 13-15=-1815/3165, 12-13=-2063/3720, 11-12=-1678/2996, 10-11=-874/1537
WEBS 2-15=-610/441, 3-15=-127/483, 3-13=-485/980, 4-13=-511/441, 5-12=-519/428, 6-12=-518/980, 6-11=-1171/787, 7-11=-1056/1964, 7-10=-995/692, 8-10=-1015/1884

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 12-9-0, Exterior(2) 12-9-0 to 16-11-15, Interior(1) 16-11-15 to 39-9-0, Exterior(2) 39-9-0 to 43-11-15, Interior(1) 43-11-15 to 44-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=898, 9=902.



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Date:
April 17,2019

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Tampa, FL 36610

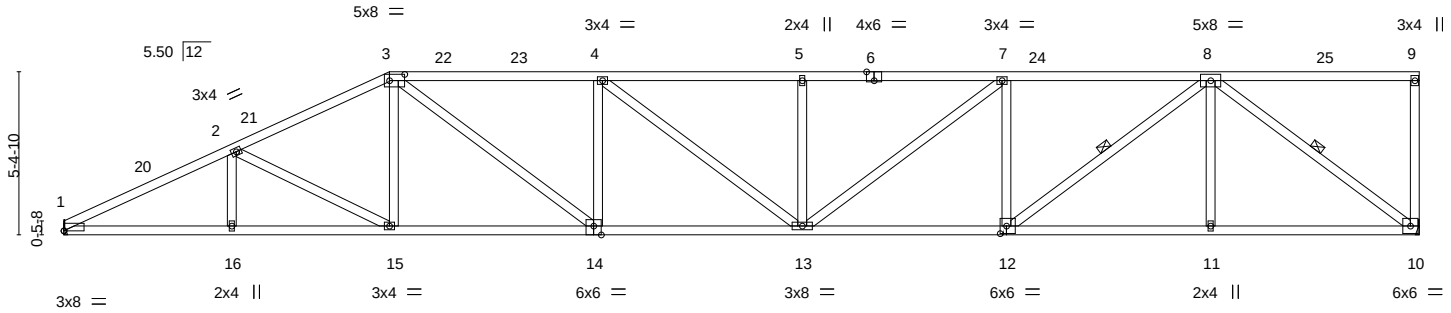
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	01E	Half Hip	1	1	T16796483
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:41 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-6mLkpH9HC5gwUDVpVzHaLp8z3b_SiD_39Y4pc1zQ8li

5-6-9	10-9-0	17-7-10	24-4-9	31-1-7	37-10-6	44-9-0
5-6-9	5-2-7	6-10-10	6-8-14	6-8-14	6-8-14	6-10-10

Scale = 1:76.1



5-6-9	10-9-0	17-7-10	24-4-9	31-1-7	37-10-6	44-9-0
5-6-9	5-2-7	6-10-10	6-8-14	6-8-14	6-8-14	6-10-10

Plate Offsets (X,Y)-- [1:0-0-0,0-0-1], [3:0-6-0,0-2-8], [6:0-3-0,Edge], [12:0-2-8,0-3-0], [14:0-3-0,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	0.83	Vert(LL)	-0.30	13-14	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.72	Vert(CT)	-0.69	13-14	>776	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.19	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.46	13-14	>999	240	Weight: 249 lb	FT = 10%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 3-6: 2x4 SP M 31
BOT CHORD 2x4 SP M 31 *Except* 10-12: 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-

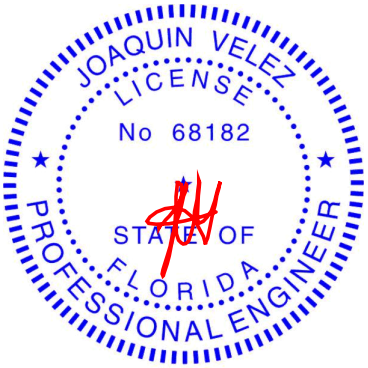
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-11-4 oc bracing.
WEBS 1 Row at midpt 8-12, 8-10

REACTIONS. (lb/size) 1=2007/Mechanical, 10=2007/Mechanical
Max Horz 1=371(LC 11)
Max Uplift 1=-896(LC 12), 10=-967(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4087/2141, 2-3=-3652/1991, 3-4=-4252/2403, 4-5=-4418/2469, 5-7=-4418/2469, 7-8=-3768/2123
BOT CHORD 1-16=-2361/3636, 15-16=-2361/3636, 14-15=-2051/3259, 13-14=-2520/4270, 12-13=-2146/3768, 11-12=-1351/2330, 10-11=-1351/2330
WEBS 2-15=-449/351, 3-15=-102/410, 3-14=-664/1245, 4-14=-619/485, 5-13=-467/393, 7-13=-491/815, 7-12=-953/675, 8-12=-996/1802, 8-11=0/291, 8-10=-2887/1571

NOTES-

1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 10-9-0, Exterior(2) 10-9-0 to 14-11-15, Interior(1) 14-11-15 to 44-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) 1=896, 10=967.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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6904 Parke East Blvd.
Tampa, FL 36610

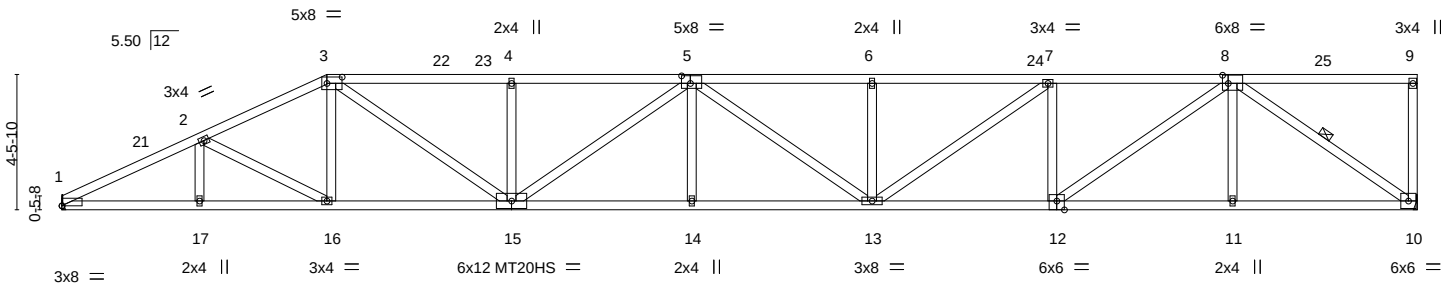
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	01F	Half Hip	1	1	T16796484
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:41 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-6mLkpH9HC5gwUDVpVzHaLp8_Pb?GiCp39Y4pc1zQ8li

4-6-9	8-9-0	14-10-3	20-9-9	26-9-0	32-8-7	38-7-13	44-9-0
4-6-9	4-2-7	6-1-3	5-11-7	5-11-7	5-11-7	5-11-7	6-1-3

Scale = 1:76.1



4-6-9	8-9-0	14-10-3	20-9-9	26-9-0	32-8-7	38-7-13	44-9-0
4-6-9	4-2-7	6-1-3	5-11-7	5-11-7	5-11-7	5-11-7	6-1-3

Plate Offsets (X,Y)-- [1:0-0-0,0-0-1], [3:0-6-0,0-2-8], [5:0-3-8,0-3-0], [8:0-2-4,0-3-4], [12:0-3-0,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	0.81	Vert(LL)	-0.41	13-14	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.93	13-14	>578	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.22	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.62	13-14	>861	240	Weight: 246 lb	FT = 10%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 3-5: 2x4 SP M 31
BOT CHORD 2x4 SP M 31 *Except* 10-12: 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-

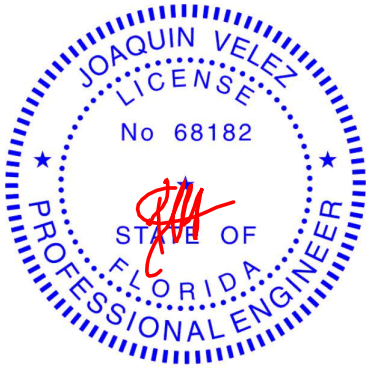
TOP CHORD Structural wood sheathing directly applied or 2-1-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-6-0 oc bracing.
WEBS 1 Row at midpt 8-10

REACTIONS. (lb/size) 1=2007/Mechanical, 10=2007/Mechanical
Max Horz 1=304(LC 11)
Max Uplift 1=-897(LC 12), 10=-962(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4077/2174, 2-3=-3804/2086, 3-4=-4820/2691, 4-5=-4820/2691, 5-6=-5200/2850, 6-7=-5200/2850, 7-8=-4209/2321
BOT CHORD 1-17=-2323/3633, 16-17=-2323/3633, 15-16=-2103/3425, 14-15=-3031/5388, 13-14=-3030/5390, 12-13=-2356/4246, 11-12=-1467/2595, 10-11=-1464/2599
WEBS 2-16=-272/251, 3-16=-77/328, 3-15=-899/1691, 4-15=-443/396, 5-15=-696/333, 6-13=-422/354, 7-13=-652/1165, 7-12=-1069/702, 8-12=-1074/2005, 8-10=-3114/1671

NOTES-

1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 8-9-0, Exterior(2) 8-9-0 to 12-11-15, Interior(1) 12-11-15 to 44-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
3) All plates are MT20 plates unless otherwise indicated.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=897, 10=962.



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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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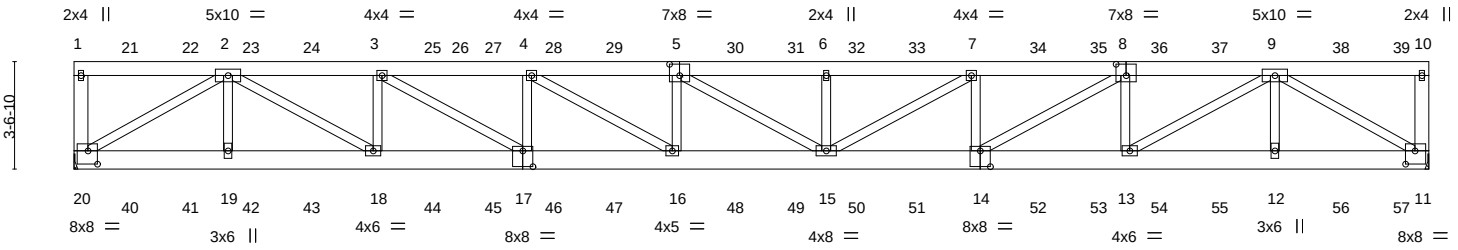
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	01G	Flat Girder	1	2	T16796485
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:47 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-xwi?4KE2oxR4C8yyrEO_b4O9k06M6znxYUX7phzQ8lc

5-1-0	10-0-5	14-11-9	19-10-14	24-10-2	29-9-7	34-8-11	39-8-0	44-9-0
5-1-0	4-11-4	4-11-4	4-11-4	4-11-4	4-11-4	4-11-4	4-11-4	5-1-0

Scale = 1:76.1



5-1-0	10-0-5	14-11-9	19-10-14	24-10-2	29-9-7	34-8-11	39-8-0	44-9-0
5-1-0	4-11-4	4-11-4	4-11-4	4-11-4	4-11-4	4-11-4	4-11-4	5-1-0

Plate Offsets (X,Y)-- [5:0-4-0,0-4-8], [8:0-4-0,0-4-8], [11:0-3-12,0-5-4], [14:0-4-0,0-6-4], [17:0-4-0,0-6-4], [20:0-3-12,0-5-4]

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	0.24	Vert(LL)	-0.38	15-16	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.87	15-16	>608	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.80	Horz(CT)	0.12	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.59	15-16	>894	240	Weight: 707 lb	FT = 10%

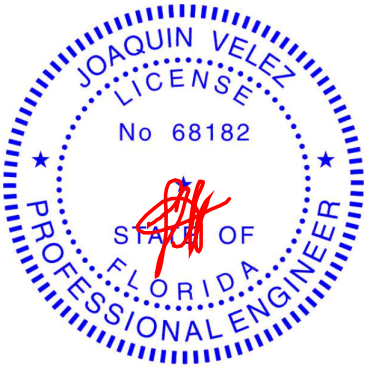
LUMBER-
TOP CHORD 2x6 SP DSS
BOT CHORD 2x8 SP DSS
WEBS 2x4 SP No.2 *Except*
1-20,10-11: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-5-7 oc bracing.

REACTIONS. (lb/size) 20=4048/Mechanical, 11=4146/Mechanical
Max Horz 20=-206(LC 17)
Max Uplift 20=-1834(LC 4), 11=-1876(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-20=-291/233, 2-3=-10359/4664, 3-4=-13236/5933, 4-5=-14806/6632, 5-6=-14766/6613, 6-7=-14766/6613, 7-8=-13252/5942, 8-9=-10373/4670, 10-11=-351/280
BOT CHORD 19-20=-2598/5904, 18-19=-2598/5904, 17-18=-4519/10359, 16-17=-5834/13312, 15-16=-6503/14826, 14-15=-5842/13328, 13-14=-4616/10353, 12-13=-2702/5920, 11-12=-2702/5920
WEBS 2-20=-6770/3024, 2-19=0/372, 2-18=-2309/5220, 3-18=-2453/1314, 3-17=-1501/3400, 4-17=-1590/939, 4-16=-765/1750, 5-16=-636/513, 6-15=-632/511, 7-15=-733/1686, 7-14=-1567/927, 8-14=-1514/3422, 8-13=-2455/1317, 9-13=-2309/5219, 9-12=0/377, 9-11=-6787/3036

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.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 20=1834, 11=1876.



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April 17,2019

Continued on page 2

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NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 133 lb down and 193 lb up at 1-9-12, 133 lb down and 193 lb up at 3-9-12, 133 lb down and 193 lb up at 5-9-12, 133 lb down and 193 lb up at 7-9-12, 133 lb down and 193 lb up at 9-9-12, 133 lb down and 193 lb up at 11-9-12, 133 lb down and 193 lb up at 13-9-12, 133 lb down and 193 lb up at 15-9-12, 133 lb down and 193 lb up at 17-9-12, 133 lb down and 193 lb up at 19-9-12, 133 lb down and 193 lb up at 21-9-12, 133 lb down and 193 lb up at 23-9-12, 133 lb down and 193 lb up at 25-9-12, 133 lb down and 193 lb up at 27-9-12, 133 lb down and 193 lb up at 29-9-12, 133 lb down and 193 lb up at 31-9-12, 133 lb down and 193 lb up at 33-9-12, 133 lb down and 193 lb up at 35-9-12, 133 lb down and 193 lb up at 37-9-12, 133 lb down and 193 lb up at 39-9-12, and 133 lb down and 193 lb up at 41-9-12, and 139 lb down and 189 lb up at 43-9-12 on top chord, and 88 lb down at 1-9-12, 88 lb down at 3-9-12, 88 lb down at 5-9-12, 88 lb down at 7-9-12, 88 lb down at 9-9-12, 88 lb down at 11-9-12, 88 lb down at 13-9-12, 88 lb down at 15-9-12, 88 lb down at 17-9-12, 88 lb down at 19-9-12, 88 lb down at 21-9-12, 88 lb down at 23-9-12, 88 lb down at 25-9-12, 88 lb down at 27-9-12, 88 lb down at 29-9-12, 88 lb down at 31-9-12, 88 lb down at 33-9-12, 88 lb down at 35-9-12, 88 lb down at 37-9-12, 88 lb down at 39-9-12, and 88 lb down at 41-9-12, and 94 lb down at 43-9-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-10=-70, 11-20=-20
   Concentrated Loads (lb)
   Vert: 18=-62(F) 3=-129(F) 16=-62(F) 5=-129(F) 7=-129(F) 14=-62(F) 12=-62(F) 9=-129(F) 21=-129(F) 22=-129(F) 23=-129(F) 24=-129(F) 25=-129(F) 27=-129(F) 28=-129(F) 29=-129(F) 30=-129(F) 31=-129(F) 32=-129(F) 33=-129(F) 34=-129(F) 35=-129(F) 36=-129(F) 37=-129(F) 38=-129(F) 39=-139(F) 40=-62(F) 41=-62(F) 42=-62(F) 43=-62(F) 44=-62(F) 45=-62(F) 46=-62(F) 47=-62(F) 48=-62(F) 49=-62(F) 50=-62(F) 51=-62(F) 52=-62(F) 53=-62(F) 54=-62(F) 55=-62(F) 56=-62(F) 57=-65(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	02A	Hip	1	1	T16796486
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:47 2019 Page 1
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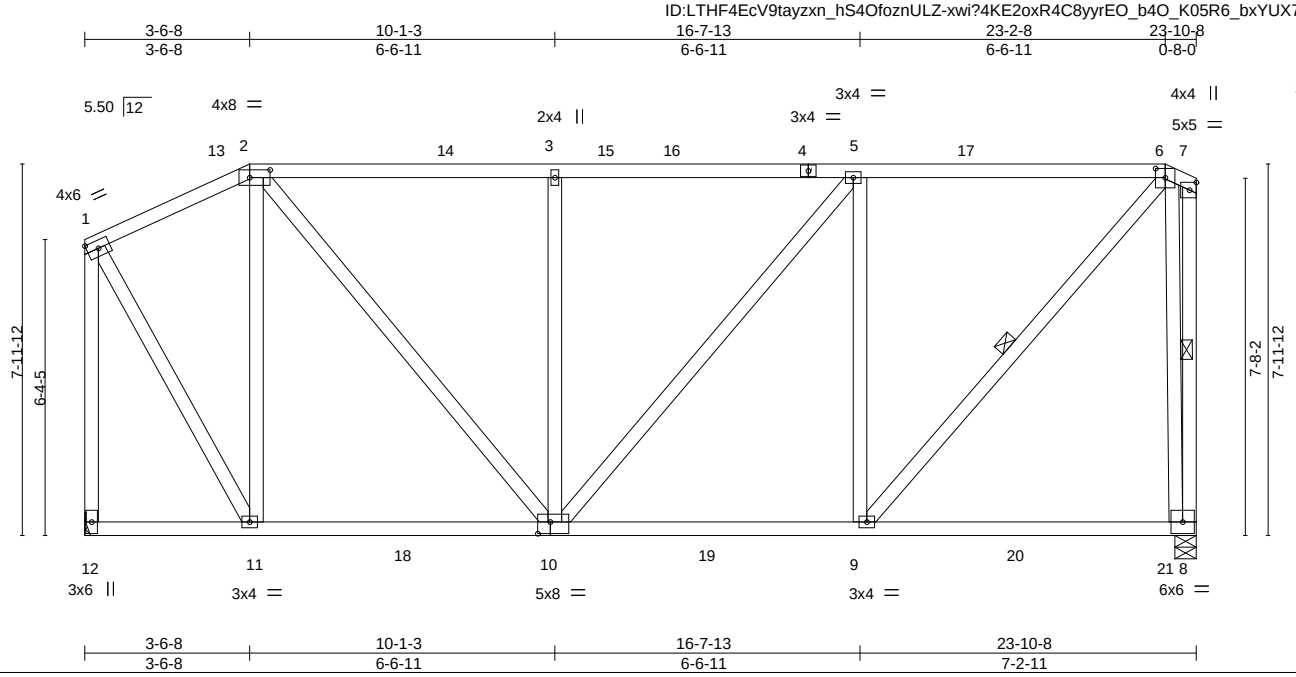


Plate Offsets (X,Y)-- [2:0-5-4,0-2-0], [6:0-2-8,0-2-6], [10:0-3-4,0-3-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.91	Vert(LL)	-0.08	8-9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.15	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.75	Horz(CT)	-0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.06	9-10	>999	240	Weight: 189 lb	FT = 10%

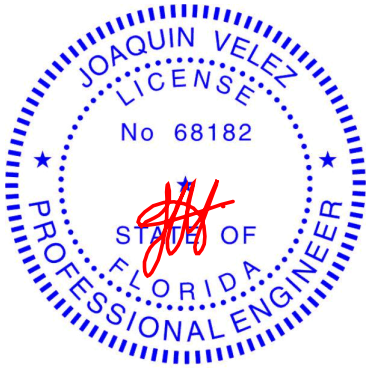
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-0-2 oc bracing.
WEBS 1 Row at midpt 6-9, 6-8

REACTIONS. (lb/size) 12=1061/Mechanical, 8=1061/0-5-8
Max Horz 12=523(LC 11)
Max Uplift 12=-538(LC 8), 8=-674(LC 9)
Max Grav 12=1089(LC 18), 8=1182(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-632/439, 2-3=-900/580, 3-5=-905/586, 5-6=-850/579, 6-7=-358/375, 1-12=-1073/704, 7-8=-385/355
BOT CHORD 11-12=-588/542, 10-11=-704/800, 9-10=-650/861
WEBS 2-11=-638/588, 2-10=-433/725, 3-10=-487/467, 5-10=-256/281, 5-9=-611/622, 6-9=-678/1109, 1-11=-580/953, 6-8=-1263/1146

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 3-6-8, Exterior(2) 3-6-8 to 7-9-7, Interior(1) 7-9-7 to 23-2-8, Exterior(2) 23-2-8 to 23-8-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 12=538, 8=674.



Joaquin Velez PE No.68182
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Date:
April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	02B	Half Hip	1	1	T16796487
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:48 2019 Page 1
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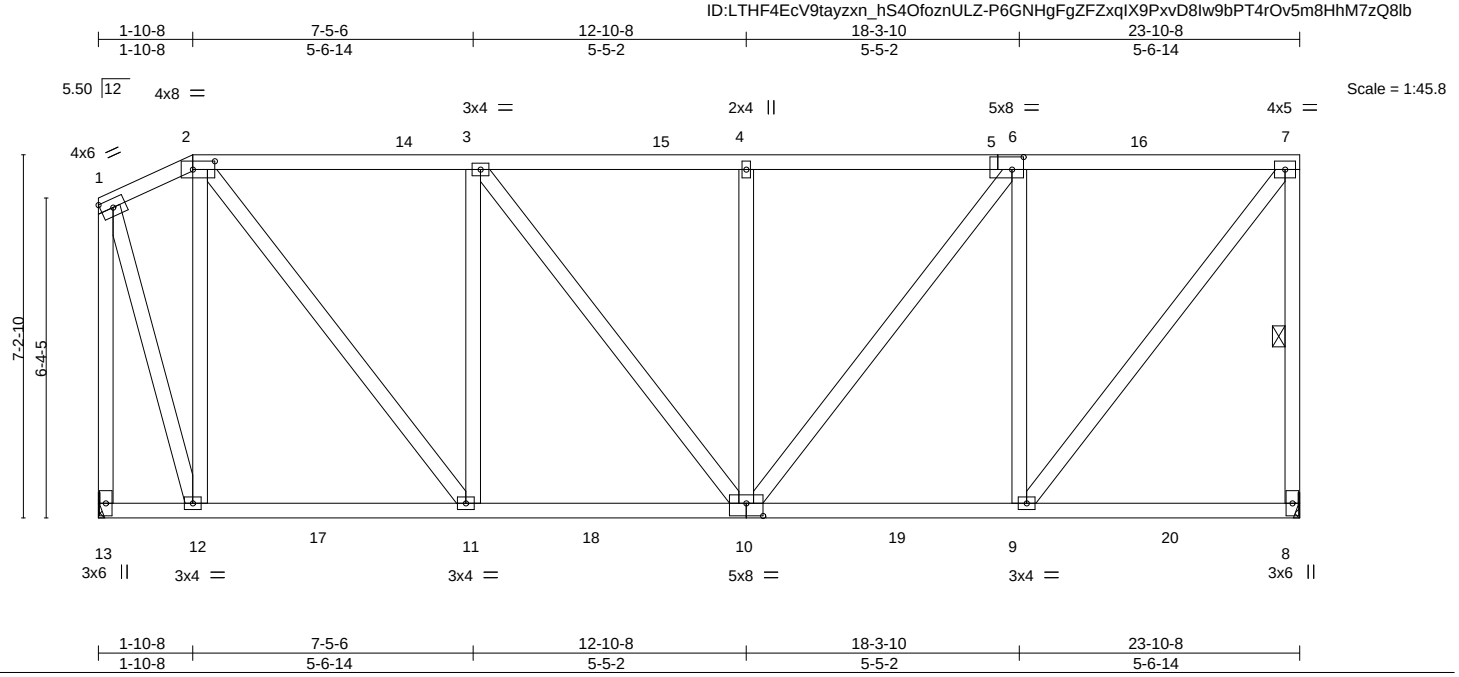


Plate Offsets (X,Y)-- [2:0-5-4,0-2-0], [5:0-0-0,0-1-12], [5:0-2-12,0-3-0], [10:0-4-0,0-3-0]

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	0.94	Vert(LL)	-0.04	10-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.09	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.06	9-10	>999	240	Weight: 189 lb	FT = 10%

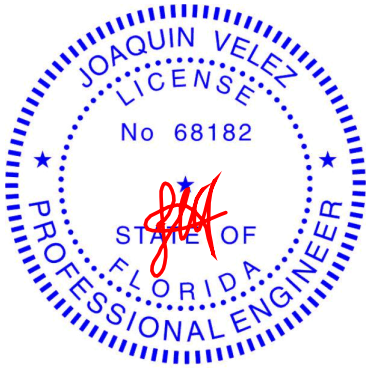
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-2 oc bracing.
WEBS 1 Row at midpt 7-8

REACTIONS. (lb/size) 8=1061/Mechanical, 13=1061/Mechanical
Max Horz 13=477(LC 9)
Max Uplift 8=-684(LC 9), 13=-603(LC 8)
Max Grav 8=1158(LC 17), 13=1115(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-456/372, 2-3=-898/550, 3-4=-990/596, 4-6=-990/596, 6-7=-790/523, 7-8=-1054/701, 1-13=-1107/650
BOT CHORD 12-13=-524/504, 11-12=-604/671, 10-11=-804/1038, 9-10=-569/778
WEBS 2-12=-852/712, 2-11=-572/960, 3-11=-570/507, 3-10=-173/263, 4-10=-359/328, 6-10=-339/452, 6-9=-735/650, 7-9=-707/1165, 1-12=-636/1029

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 6-1-7, Interior(1) 6-1-7 to 23-8-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=684, 13=603.



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Date:
April 17,2019

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Tampa, FL 36610

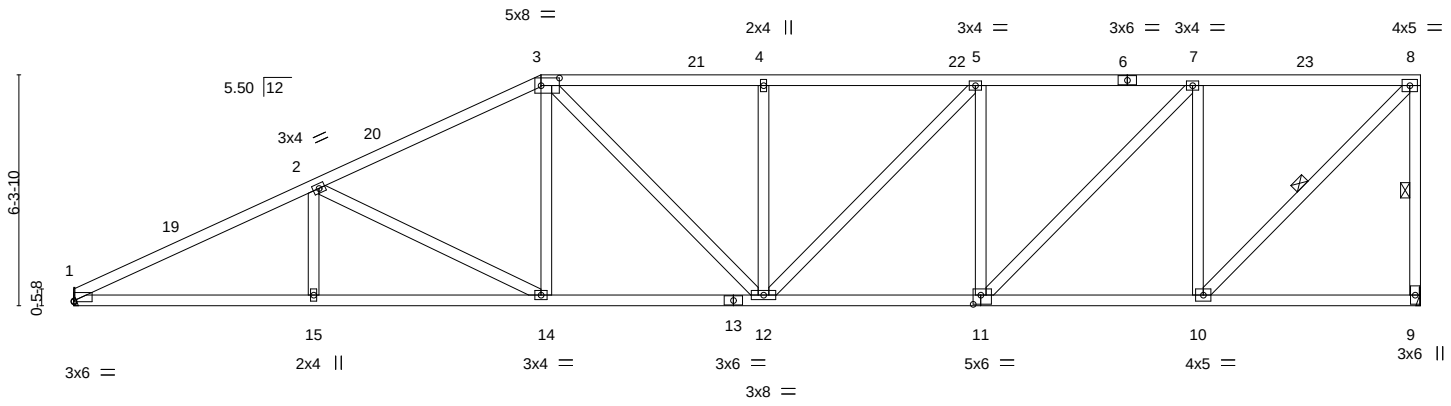
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	02C	Half Hip	1	1	T16796488
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:49 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-tlqlU0GIKZhoSS6LzfQSgVTNUpiKasZE?o0EuazQ8la

6-6-9	12-9-0	18-9-14	24-9-0	30-8-2	36-9-0
6-6-9	6-2-7	6-0-14	5-11-2	5-11-2	6-0-14

Scale = 1:62.9



6-6-9	12-9-0	18-9-14	24-9-0	30-8-2	36-9-0
6-6-9	6-2-7	6-0-14	5-11-2	5-11-2	6-0-14

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

LOADING (psf)		SPACING- 2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL 1.25	TC	0.74	Vert(LL)	-0.16	12	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL 1.25	BC	0.78	Vert(CT)	-0.36	12-14	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB	0.85	Horz(CT)	0.12	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014	Matrix-MS		Wind(LL)	0.24	12	>999	240	Weight: 216 lb	FT = 10%

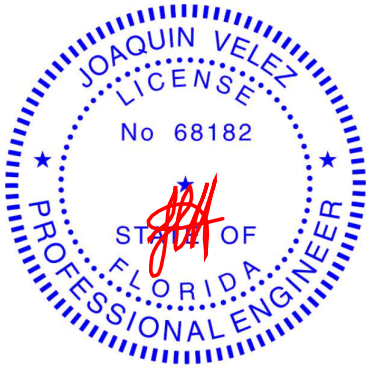
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-1-14 oc bracing.
WEBS 1 Row at midpt 8-9, 8-10

REACTIONS. (lb/size) 1=1647/Mechanical, 9=1647/Mechanical
Max Horz 1=439(LC 11)
Max Uplift 1=-732(LC 12), 9=-855(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3266/1682, 2-3=-2631/1456, 3-4=-2552/1536, 4-5=-2552/1536, 5-7=-2236/1356, 7-8=-1411/922, 8-9=-1593/972
BOT CHORD 1-15=-1979/2886, 14-15=-1979/2886, 12-14=-1566/2312, 11-12=-1392/2236, 10-11=-903/1411
WEBS 2-14=-658/465, 3-14=-140/477, 3-12=-199/399, 4-12=-444/394, 5-12=-328/450, 5-11=-718/561, 7-11=-697/1174, 7-10=-1290/898, 8-10=-1132/1987

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 12-9-0, Exterior(2) 12-9-0 to 16-11-15, Interior(1) 16-11-15 to 36-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) 1=732, 9=855.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

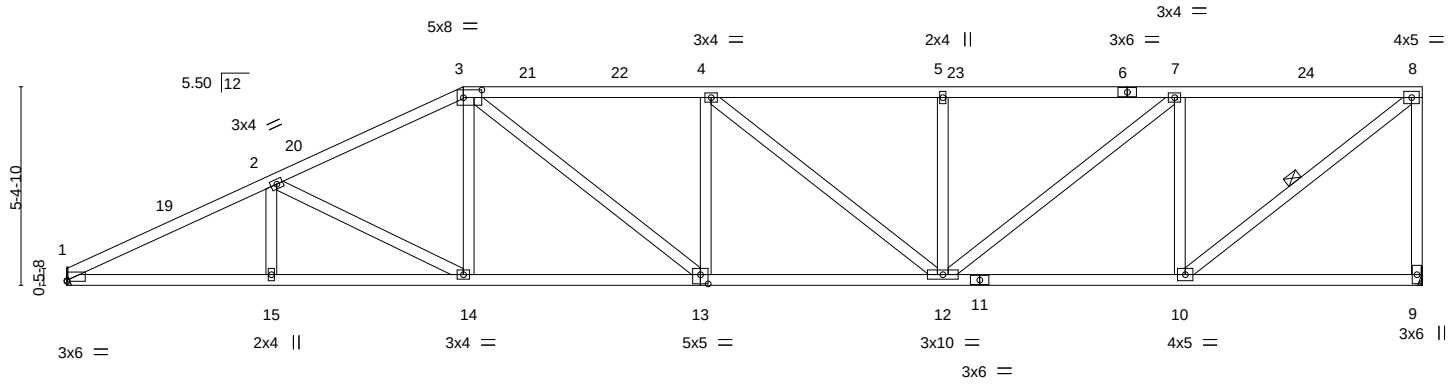
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	02D	Half Hip	1	1	T16796489
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:50 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-LVO8iLGw5spf3chXXMxhDj0WvD1dJKENESmoQ0zQ8lZ

5-6-9	10-9-0	17-3-14	23-9-0	30-2-2	36-9-0
5-6-9	5-2-7	6-6-14	6-5-2	6-5-2	6-6-14

Scale = 1:62.5



5-6-9	10-9-0	17-3-14	23-9-0	30-2-2	36-9-0
5-6-9	5-2-7	6-6-14	6-5-2	6-5-2	6-6-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.89	Vert(LL)	-0.19	13	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.44	12-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.13	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.29	12-13	>999	240	Weight: 205 lb	FT = 10%

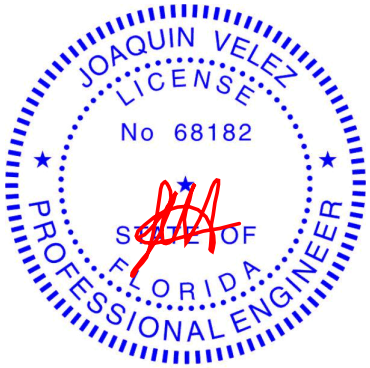
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 1=1647/Mechanical, 9=1647/Mechanical
Max Horz 1=371(LC 11)
Max Uplift 1=-734(LC 12), 9=-848(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3289/1724, 2-3=-2812/1555, 3-4=-3007/1755, 4-5=-2750/1601, 5-7=-2750/1601, 7-8=-1782/1090, 8-9=-1587/962
BOT CHORD 1-15=-1972/2914, 14-15=-1972/2914, 13-14=-1640/2495, 12-13=-1846/3015, 10-12=-1079/1782
WEBS 2-14=-491/375, 3-14=-110/411, 3-13=-356/666, 4-13=-286/301, 4-12=-337/263, 5-12=-429/355, 7-12=-715/1236, 7-10=-1258/872, 8-10=-1253/2243

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 10-9-0, Exterior(2) 10-9-0 to 14-11-15, Interior(1) 14-11-15 to 36-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) 1=734, 9=848.



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Date:
April 17,2019

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Tampa, FL 36610

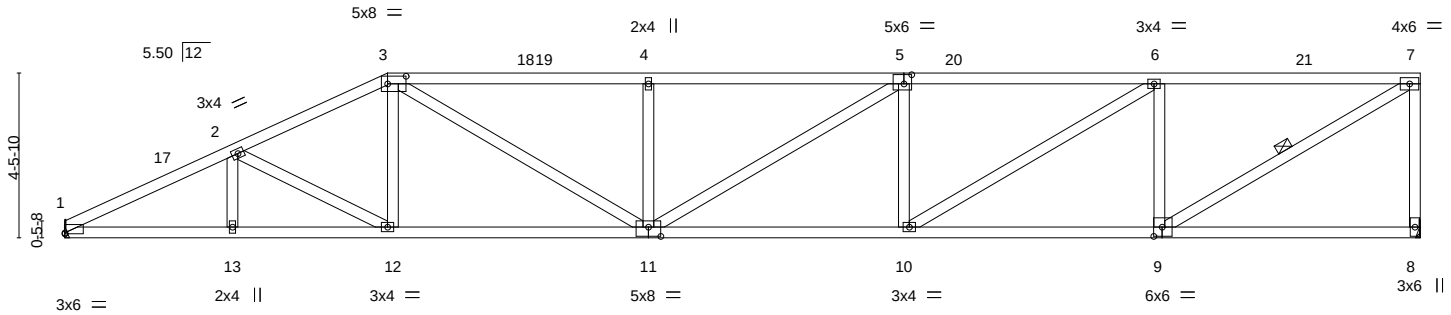
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	02E	Half Hip	1	1	T16796490
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:51 2019 Page 1

ID:LTHF4EcV9tayzxn_hS4OfoznULZ-phyWvhHYsAxVhmGk43SwlwYhpdMG2m_XS6VLzSzQ8lY

4-6-9	8-9-0	15-9-14	22-9-0	29-8-2	36-9-0
4-6-9	4-2-7	7-0-14	6-11-2	6-11-2	7-0-14

Scale = 1:62.5



4-6-9	8-9-0	15-9-14	22-9-0	29-8-2	36-9-0
4-6-9	4-2-7	7-0-14	6-11-2	6-11-2	7-0-14

Plate Offsets (X,Y)-- [1:0-0-0,0-0-5], [3:0-6-0,0-2-8], [5:0-2-8,0-3-0], [9:0-2-12,0-3-0], [11:0-4-0,0-3-0]

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	0.81	Vert(LL)	-0.23	10-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.95	Vert(CT)	-0.54	10-11	>812	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.14	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.35	10-11	>999	240	Weight: 195 lb	FT = 10%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except* 3-5: 2x4 SP M 31
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-

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

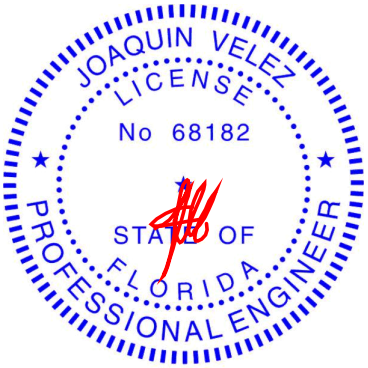
REACTIONS. (lb/size) 1=1647/Mechanical, 8=1647/Mechanical
Max Horz 1=304(LC 11)
Max Uplift 1=-735(LC 12), 8=-842(LC 9)

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

TOP CHORD 1-2=-3291/1761, 2-3=-2989/1652, 3-4=-3636/2071, 4-5=-3636/2071, 5-6=-3469/1955, 6-7=-2287/1326, 7-8=-1583/951
BOT CHORD 1-13=-1946/2921, 12-13=-1946/2921, 11-12=-1702/2675, 10-11=-1990/3469, 9-10=-1337/2309
WEBS 2-12=-306/277, 3-12=-71/353, 3-11=-598/1115, 4-11=-529/462, 5-10=-562/473, 6-10=-763/1355, 6-9=-1227/849, 7-9=-1442/2636

NOTES-

1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 8-9-0, Exterior(2) 8-9-0 to 12-11-15, Interior(1) 12-11-15 to 36-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) 1=735, 8=842.



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Date:
April 17,2019

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Tampa, FL 36610

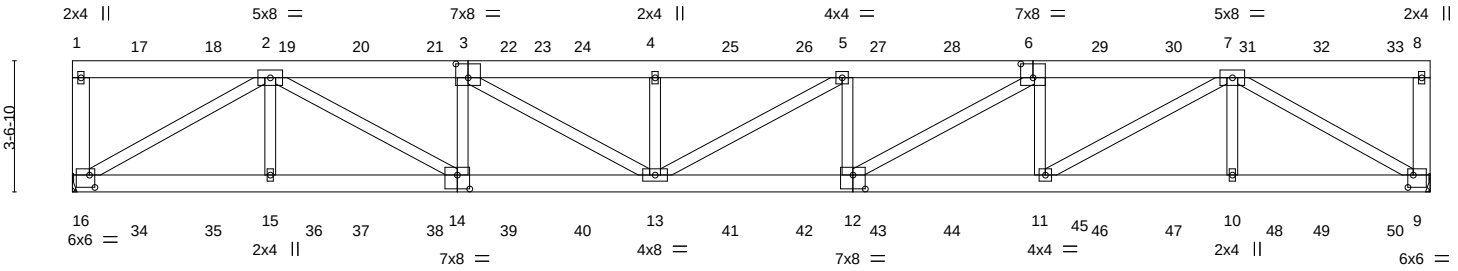
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	02F	Flat Girder	1	2	T16796491
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:54 2019 Page 1

ID:LTHF4EcV9tayzxn_hS4OfoznULZ-EGeeYjKR85J4YD_JmC0dNZAJZqPOFAUz93k?ZnzQ8lV

5-4-4	10-6-12	15-9-4	20-11-12	26-2-4	31-4-12	36-9-0
5-4-4	5-2-8	5-2-8	5-2-8	5-2-8	5-2-8	5-4-4

Scale = 1:62.4



5-4-4	10-6-12	15-9-4	20-11-12	26-2-4	31-4-12	36-9-0
5-4-4	5-2-8	5-2-8	5-2-8	5-2-8	5-2-8	5-4-4

Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [6:0-4-0,0-4-8], [9:0-1-12,0-4-0], [12:0-4-0,0-4-8], [14:0-4-0,0-4-8], [16:0-1-12,0-4-0]

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	0.33	Vert(LL)	-0.22	12-13	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.79	Vert(CT)	-0.51	12-13	>847	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.68	Horz(CT)	0.11	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.35	12-13	>999	240	Weight: 530 lb	FT = 10%

LUMBER-

TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2 *Except*
1-16,8-9: 2x6 SP No.2

BRACING-

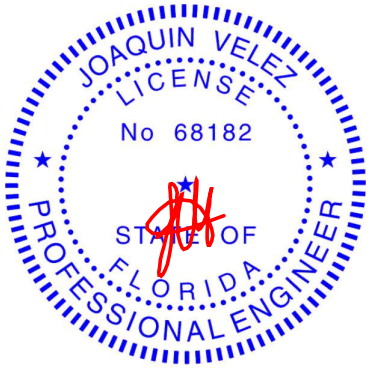
TOP CHORD Structural wood sheathing directly applied or 5-1-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-2-15 oc bracing.

REACTIONS. (lb/size) 16=3120/Mechanical, 9=2809/Mechanical
Max Horz 16=211(LC 5)
Max Uplift 16=-1454(LC 4), 9=-1339(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-16=-294/241, 2-3=-7392/3373, 3-4=-8771/4007, 4-5=-8771/4007, 5-6=-8432/3875, 6-7=-6869/3181, 8-9=-287/235
BOT CHORD 15-16=-2071/4563, 14-15=-2071/4563, 13-14=-3344/7529, 12-13=-3823/8467, 11-12=-3248/6959, 10-11=-1970/4080, 9-10=-1970/4080
WEBS 2-16=-5201/2398, 2-15=0/422, 2-14=-1470/3315, 3-14=-1460/892, 3-13=-645/1455, 4-13=-678/543, 5-13=-179/353, 5-12=-753/518, 6-12=-762/1744, 6-11=-1487/844, 7-11=-1453/3243, 7-10=0/357, 7-9=-4658/2192

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.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=1454, 9=1339.



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April 17,2019

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

NOTES-

9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 133 lb down and 193 lb up at 1-9-12, 133 lb down and 193 lb up at 3-9-12, 133 lb down and 193 lb up at 5-9-12, 133 lb down and 193 lb up at 7-9-12, 133 lb down and 193 lb up at 9-9-12, 133 lb down and 193 lb up at 11-9-12, 133 lb down and 193 lb up at 13-9-12, 133 lb down and 193 lb up at 15-9-12, 133 lb down and 193 lb up at 17-9-12, 105 lb down and 143 lb up at 19-9-12, 105 lb down and 143 lb up at 21-9-12, 105 lb down and 143 lb up at 23-9-12, 105 lb down and 143 lb up at 25-9-12, 105 lb down and 143 lb up at 27-9-12, 105 lb down and 143 lb up at 29-9-12, 105 lb down and 143 lb up at 31-9-12, and 105 lb down and 143 lb up at 33-9-12, and 104 lb down and 143 lb up at 35-9-12 on top chord, and 88 lb down at 1-9-12, 88 lb down at 3-9-12, 88 lb down at 5-9-12, 88 lb down at 7-9-12, 88 lb down at 9-9-12, 88 lb down at 11-9-12, 88 lb down at 13-9-12, 88 lb down at 15-9-12, 88 lb down at 17-9-12, 63 lb down at 19-9-12, 63 lb down at 21-9-12, 63 lb down at 23-9-12, 63 lb down at 25-9-12, 63 lb down at 27-9-12, 63 lb down at 29-9-12, 63 lb down at 31-9-12, and 63 lb down at 33-9-12, and 65 lb down at 35-9-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

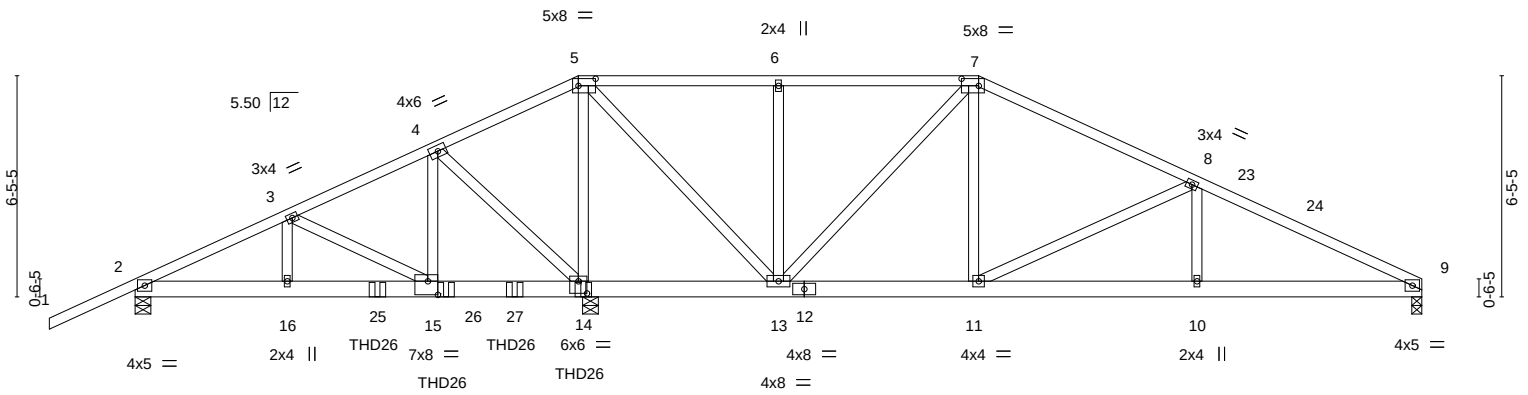
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-8=-70, 9-16=-20
   Concentrated Loads (lb)
   Vert: 13=-62(B) 4=-129(B) 6=-77(B) 17=-129(B) 18=-129(B) 19=-129(B) 20=-129(B) 21=-129(B) 22=-129(B) 24=-129(B) 25=-129(B) 26=-77(B) 27=-77(B) 28=-77(B) 29=-77(B) 30=-77(B) 31=-77(B) 32=-77(B) 33=-88(B) 34=-62(B) 35=-62(B) 36=-62(B) 37=-62(B) 38=-62(B) 39=-62(B) 40=-62(B) 41=-62(B) 42=-26(B) 43=-26(B) 44=-26(B) 45=-26(B) 46=-26(B) 47=-26(B) 48=-26(B) 49=-26(B) 50=-29(B)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	03A	Hip Girder	1	2	T16796492
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:55 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-iSB0l3K3vPRxANZVJvXswmjTdErK_d27NjTY6DzQ8lU

-2-6-0	4-5-3	8-8-2	12-11-0	18-9-0	24-7-0	30-11-6	37-6-0
2-6-0	4-5-3	4-2-14	4-2-14	5-10-0	5-10-0	6-4-6	6-6-10

Scale = 1:67.1



4-5-3	8-8-2	12-11-0	13-0-8	18-9-0	24-7-0	30-11-6	37-6-0
4-5-3	4-2-14	4-2-14	0-1-8	5-8-8	5-10-0	6-4-6	6-6-10

Plate Offsets (X,Y)-- [5:0-6-0,0-2-8], [7:0-6-0,0-2-8], [14:0-3-0,0-4-4], [15:0-3-8,0-4-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.44	Vert(LL)	0.07	15-16	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.10	15-16	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.59	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 476 lb	FT = 10%

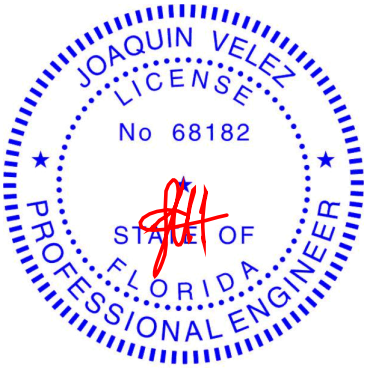
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP DSS *Except*
9-12: 2x6 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 13-14.

REACTIONS. (lb/size) 9=848/0-3-8, 2=1499/0-5-8, 14=7441/0-5-8
Max Horz 2=219(LC 7)
Max Uplift 9=-380(LC 8), 2=-901(LC 8), 14=-4000(LC 8)
Max Grav 9=872(LC 18), 2=1551(LC 17), 14=7441(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2764/1330, 3-4=-1620/1126, 4-5=-953/2107, 5-6=-767/955, 6-7=-767/955, 7-8=-1098/879, 8-9=-1463/869
BOT CHORD 2-16=-1320/2447, 15-16=-1320/2447, 14-15=-1124/1425, 13-14=-1919/1194, 11-13=-515/895, 10-11=-600/1303, 9-10=-600/1303
WEBS 3-16=-298/800, 3-15=-1158/552, 4-15=-2167/4111, 4-14=-4353/2421, 5-14=-2491/1264, 5-13=-875/1822, 6-13=-474/340, 7-13=-1216/612, 7-11=-221/634, 8-11=-1054/657, 8-10=0/323

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=380, 2=901, 14=4000.
9) Use USP THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 7-0-12 from the left end to 13-0-12 to connect truss(es) to front face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.



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NOTES-

11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 201 lb down and 203 lb up at 31-11-4, and 189 lb down and 168 lb up at 33-11-4 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-70, 5-7=-70, 7-9=-70, 17-20=-20
   Concentrated Loads (lb)
   Vert: 14=-1177(F) 23=-150 24=-149 25=-2397(F) 26=-1188(F) 27=-1177(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	03B	Hip	1	1	T16796493
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:56 2019 Page 1
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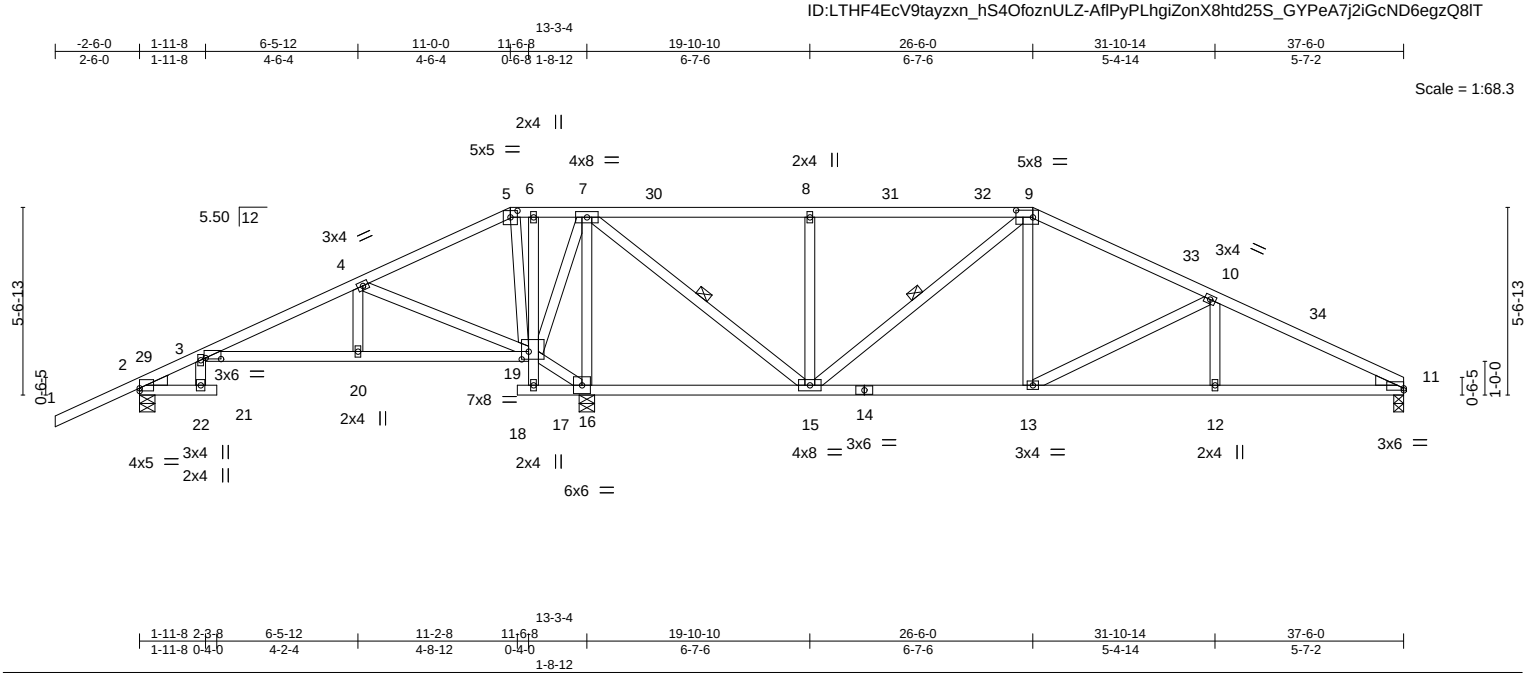


Plate Offsets (X,Y)-- [2:0-0-0,0-1-0], [3:0-5-8,0-0-6], [5:0-2-8,0-2-6], [9:0-6-0,0-2-8], [11:0-0-0,0-0-12], [19:0-2-8,0-2-12]

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	0.82	Vert(LL)	-0.06	12-13	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.13	12-13	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.04	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.07	12-13	>999	240	Weight: 214 lb	FT = 10%

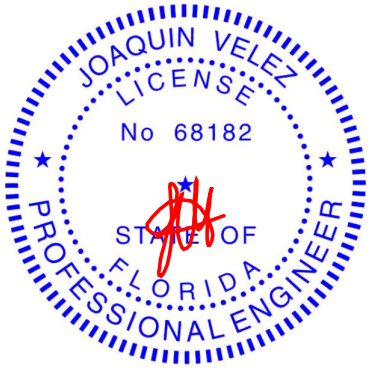
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-7-6 oc bracing. Except:
6-0-0 oc bracing: 17-19
WEBS 1 Row at midpt 7-15, 9-15

REACTIONS. (lb/size) 11=862/0-3-8, 2=382/0-5-8, 16=2325/0-5-8
Max Horz 2=192(LC 11)
Max Uplift 11=-431(LC 12), 2=-386(LC 12), 16=-893(LC 12)
Max Grav 11=935(LC 22), 2=397(LC 21), 16=2325(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-66/450, 4-5=-319/1060, 5-6=-270/1014, 6-7=-273/1022, 7-8=-543/670, 8-9=-543/670, 9-10=-1122/830, 10-11=-1662/1029
BOT CHORD 3-20=-395/135, 19-20=-394/135, 15-16=-1080/612, 13-15=-493/954, 12-13=-850/1437, 11-12=-850/1437
WEBS 4-19=-645/442, 5-19=-631/425, 16-19=-1221/741, 7-16=-1554/868, 7-15=-862/1650, 8-15=-510/444, 9-15=-642/291, 9-13=-117/440, 10-13=-564/404

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 11-0-0, Exterior(2) 11-0-0 to 15-2-15, Interior(1) 15-2-15 to 26-6-0, Exterior(2) 26-6-0 to 30-8-15, Interior(1) 30-8-15 to 37-6-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=431, 2=386, 16=893.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	03C	Hip	1	1	T16796494
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:57 2019 Page 1
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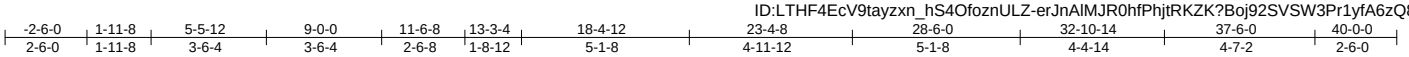

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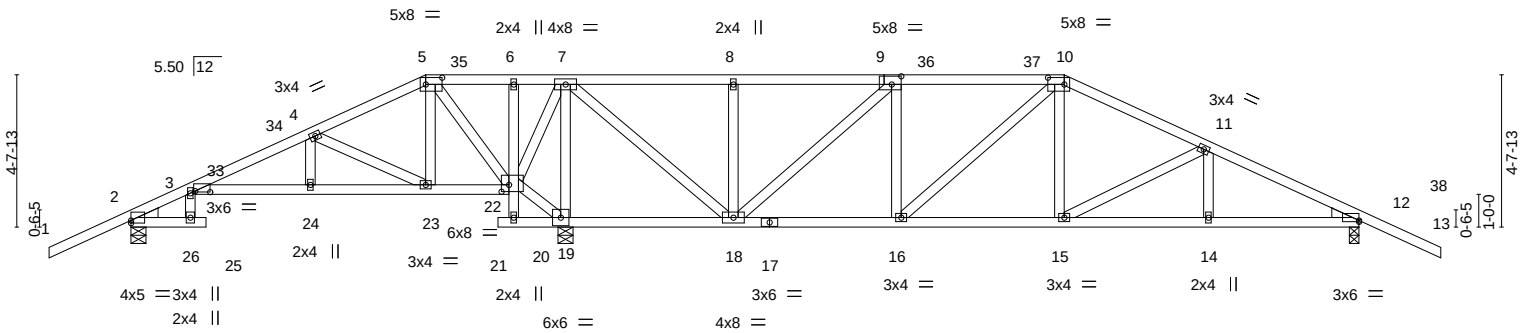


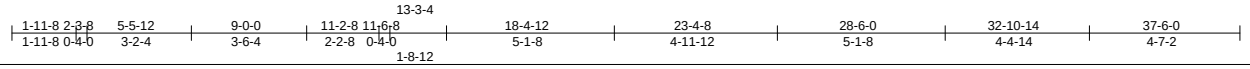


Plate Offsets (X,Y)-- [2:0-0-0,0-1-0], [3:0-5-8,0-0-6], [5:0-6-0,0-2-8], [9:0-3-8,0-3-0], [10:0-6-0,0-2-8], [12:0-0-0,0-0-8], [22:0-2-12,0-2-8]

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	0.82	Vert(LL)	-0.06	14-15	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.13	14-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.04	12	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	14-15	>999	240	Weight: 220 lb	FT = 10%

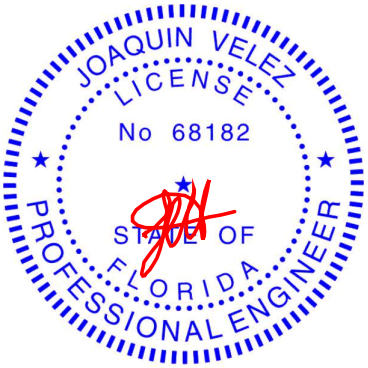
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3, Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-11 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-4-3 oc bracing. Except:
6-0-0 oc bracing: 20-22

REACTIONS. (lb/size) 2=401/0-5-8, 19=2287/0-5-8, 12=1057/0-3-8
Max Horz 2=163(LC 11)
Max Uplift 2=-432(LC 12), 19=-810(LC 12), 12=-676(LC 12)
Max Grav 2=415(LC 21), 19=2287(LC 1), 12=1112(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=0/265, 4-5=-86/735, 5-6=-284/1204, 6-7=-289/1212, 7-8=-323/614, 8-9=-323/614, 9-10=-956/892, 10-11=-1244/917, 11-12=-1572/1021
BOT CHORD 22-23=-672/417, 18-19=-1203/673, 16-18=-538/938, 15-16=-557/1082, 14-15=-790/1354, 12-14=-790/1354
WEBS 4-23=-513/351, 5-23=-105/282, 5-22=-937/446, 19-22=-1359/781, 7-19=-1439/763, 7-18=-777/1629, 8-18=-327/275, 9-18=-927/443, 9-16=0/346, 10-16=-272/42, 10-15=-81/333, 11-15=-399/265

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 9-0-0, Exterior(2) 9-0-0 to 13-3-4, Interior(1) 13-3-4 to 28-6-0, Exterior(2) 28-6-0 to 32-10-14, Interior(1) 32-10-14 to 40-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=432, 19=810, 12=676.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796495
413220	03D	HIP GIRDER	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:10:59 2019 Page 1
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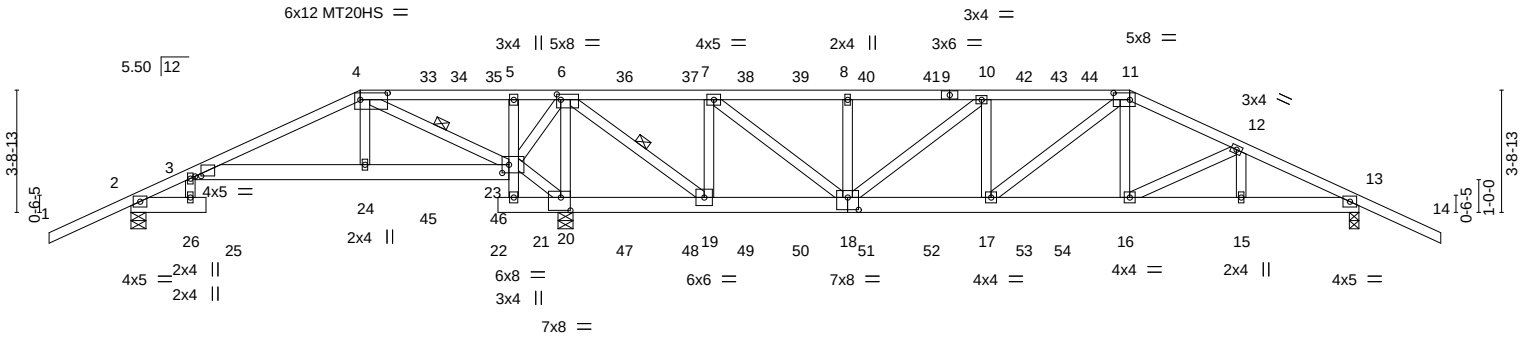
-2-6-0 | 1-11-8 | 7-0-0 | 11-6-8 | 13-3-4 | 17-7-13 | 21-10-10 | 26-1-7 | 30-6-0 | 33-10-14 | 37-6-0 | 40-0-0
2-6-0 | 1-11-8 | 5-0-8 | 4-6-8 | 1-8-12 | 4-4-9 | 4-2-13 | 4-2-13 | 4-4-9 | 3-4-14 | 3-7-2 | 2-6-0

Scale = 1:70.4



1-11-8 | 2-3-8 | 7-0-0 | 11-2-8 | 11-6-8 | 13-3-4 | 17-7-13 | 21-10-10 | 26-1-7 | 30-6-0 | 33-10-14 | 37-6-0
1-11-8 | 0-4-0 | 4-8-8 | 4-2-8 | 0-4-0 | 1-8-12 | 4-4-9 | 4-2-13 | 4-2-13 | 4-4-9 | 3-4-14 | 3-7-2

Plate Offsets (X,Y)-- [3:0-2-3,0-0-2], [4:0-10-0,0-2-8], [6:0-1-8,0-2-0], [11:0-6-0,0-2-8], [18:0-4-0,0-4-8], [20:0-3-8,0-4-12], [23:0-2-8,0-3-0]

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	0.76	Vert(LL)	0.23	17-18	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.72	Vert(CT)	-0.23	17	>999	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.81	Horz(CT)	0.07	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 236 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
4-9: 2x4 SP M 31
BOT CHORD 2x6 SP No.2 *Except*
3-26,5-21: 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-7-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-4-3 oc bracing. Except:
6-0-0 oc bracing: 21-23
WEBS 1 Row at midpt 4-23, 6-19

REACTIONS. (lb/size) 2=441/0-5-8, 20=4406/0-5-8, 13=1773/0-3-8
Max Horz 2=-135(LC 23)
Max Uplift 2=-364(LC 25), 20=-2404(LC 8), 13=-1488(LC 8)
Max Grav 2=446(LC 17), 20=4406(LC 1), 13=1801(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-241/285, 4-5=-1021/2436, 5-6=-1052/2493, 6-7=-510/989, 7-8=-2262/2058, 8-10=-2262/2058, 10-11=-3006/2447, 11-12=-3011/2268, 12-13=-3033/2252
BOT CHORD 3-26=0/267, 3-24=-191/385, 23-24=-159/388, 21-23=-254/162, 5-23=-421/321, 19-20=-2506/1154, 18-19=-887/510, 17-18=-2151/3006, 16-17=-1840/2725, 15-16=-1898/2703, 13-15=-1898/2703
WEBS 4-24=0/667, 4-23=-2652/955, 20-23=-2705/1290, 6-20=-2511/1479, 6-19=-2303/3589, 7-19=-2060/1388, 7-18=-1383/2282, 8-18=-578/470, 10-18=-995/509, 11-17=-415/358, 11-16=-223/579, 12-16=-216/387, 12-15=-253/111

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; porch right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=364, 20=2404, 13=1488.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 215 lb down and 325 lb up at 7-0-0, 128 lb down and 178 lb up at 9-0-12, 128 lb down and 178 lb up at 11-0-12, 139 lb down and 204 lb up at 15-0-12, 139 lb down and 204 lb up at 17-0-12, 139 lb down and 204 lb up at 18-9-0, 139 lb down and 204 lb up at 20-5-4, 139 lb down and 204 lb up at 22-5-4, 139 lb down and 204 lb up at 24-5-4, 139 lb down and 204 lb up at 26-5-4, and 139 lb down and 204 lb up at 28-5-4, and 283 lb down and 412 lb up at 30-6-0 on top chord, and 447 lb down and 87 lb up at 7-0-0, 89 lb down at 9-0-12, 89 lb down at 11-2-8, 103 lb down at 15-0-12, 103 lb down at 17-0-12, 103 lb down at 18-9-0, 103 lb down at 20-5-4, 103 lb down at 22-5-4, 103 lb down at 24-5-4, 103 lb down at 26-5-4, and 103 lb down at 28-5-4, and 521 lb down and 26 lb up at 30-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

JOAQUIN VELEZ LICENSE No 68182 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Date:
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NOTES-

9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-70, 3-4=-70, 4-11=-70, 11-14=-70, 26-27=-20, 25-26=-20, 3-23=-20, 21-22=-20, 21-30=-20
   Concentrated Loads (lb)
   Vert: 4=-148(B) 11=-236(B) 24=-333(B) 16=-245(B) 33=-117(B) 35=-117(B) 36=-137(B) 37=-137(B) 38=-137(B) 39=-137(B) 40=-137(B) 41=-137(B) 42=-137(B) 44=-137(B) 45=-76(B) 46=-76(B) 47=-54(B) 48=-54(B) 49=-54(B) 50=-54(B) 51=-54(B) 52=-54(B) 53=-54(B) 54=-54(B)

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04A	Hip	1	1	T16796496
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:00 2019 Page 1
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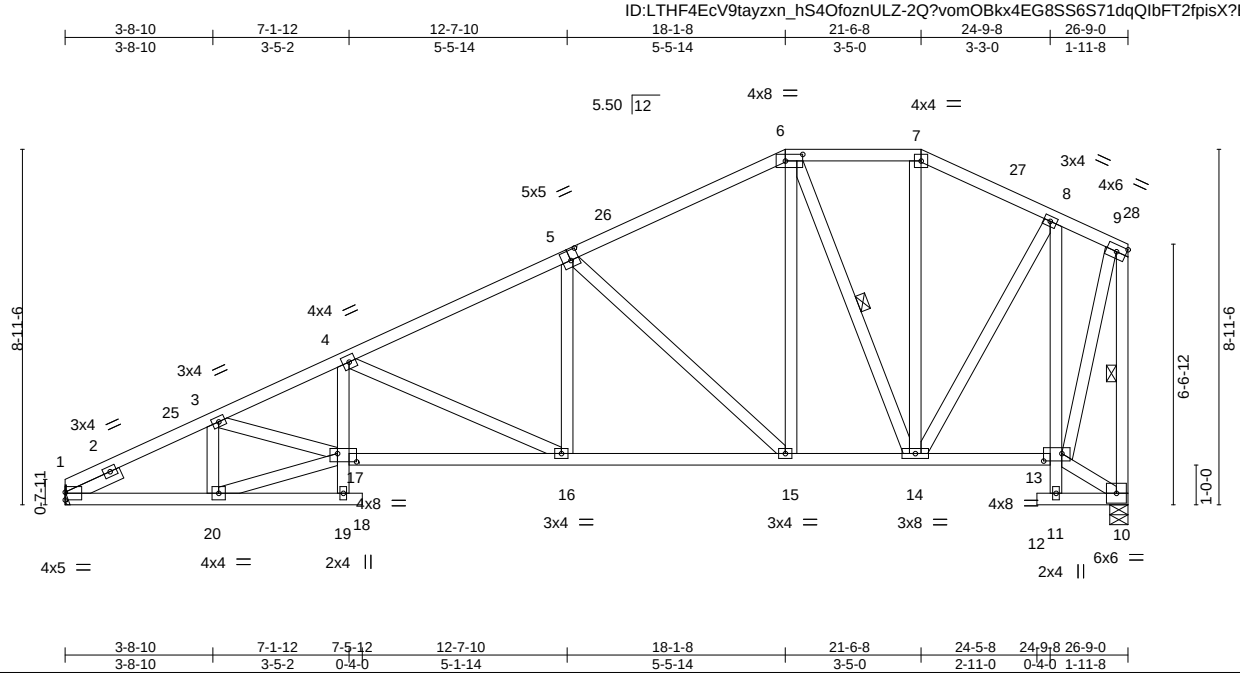


Plate Offsets (X,Y)-- [1:0-0-0,0-2-5], [5:0-2-8,0-3-0], [6:0-5-4,0-2-0], [13:0-5-8,0-2-4], [17:0-5-12,0-2-8]

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	0.56	Vert(LL)	-0.10	18	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.25	16-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.11	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.15	18	>999	240	Weight: 204 lb	FT = 10%

LUMBER-

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

REACTIONS. (lb/size) 1=1205/Mechanical, 10=1209/0-5-8
Max Horz 1=530(LC 11)
Max Uplift 1=-523(LC 12), 10=-539(LC 12)

BRACING-

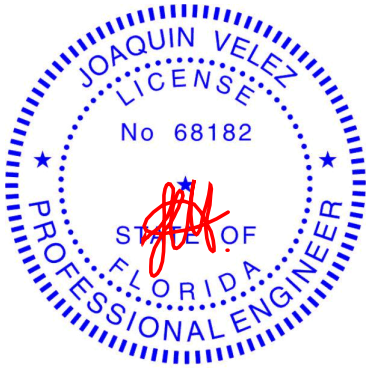
TOP CHORD	Structural wood sheathing directly applied or 3-4-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 4-5-0 oc bracing. Except: 10-0-0 oc bracing: 17-19, 11-13
WEBS	1 Row at midpt 6-14, 9-10

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

TOP CHORD	1-3=-2094/1091, 3-4=-2757/1446, 4-5=-1850/993, 5-6=-1090/739, 6-7=-727/627, 7-8=-793/624, 8-9=-480/394, 9-10=-1170/799
BOT CHORD	1-20=-1344/1951, 4-17=-235/507, 16-17=-1800/2648, 15-16=-1209/1714, 14-15=-745/1043, 13-14=-351/465, 8-13=-954/766
WEBS	3-20=-595/477, 17-20=-1290/1876, 3-17=-446/678, 4-16=-1025/648, 5-16=-186/571, 5-15=-951/638, 6-15=-374/725, 6-14=-678/461, 8-14=-423/688, 9-13=-767/1070, 10-13=-266/297

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 18-1-8, Exterior(2) 18-1-8 to 25-9-7, Interior(1) 25-9-7 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=523, 10=539.



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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04B	Hip	1	1	T16796497
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:01 2019 Page 1
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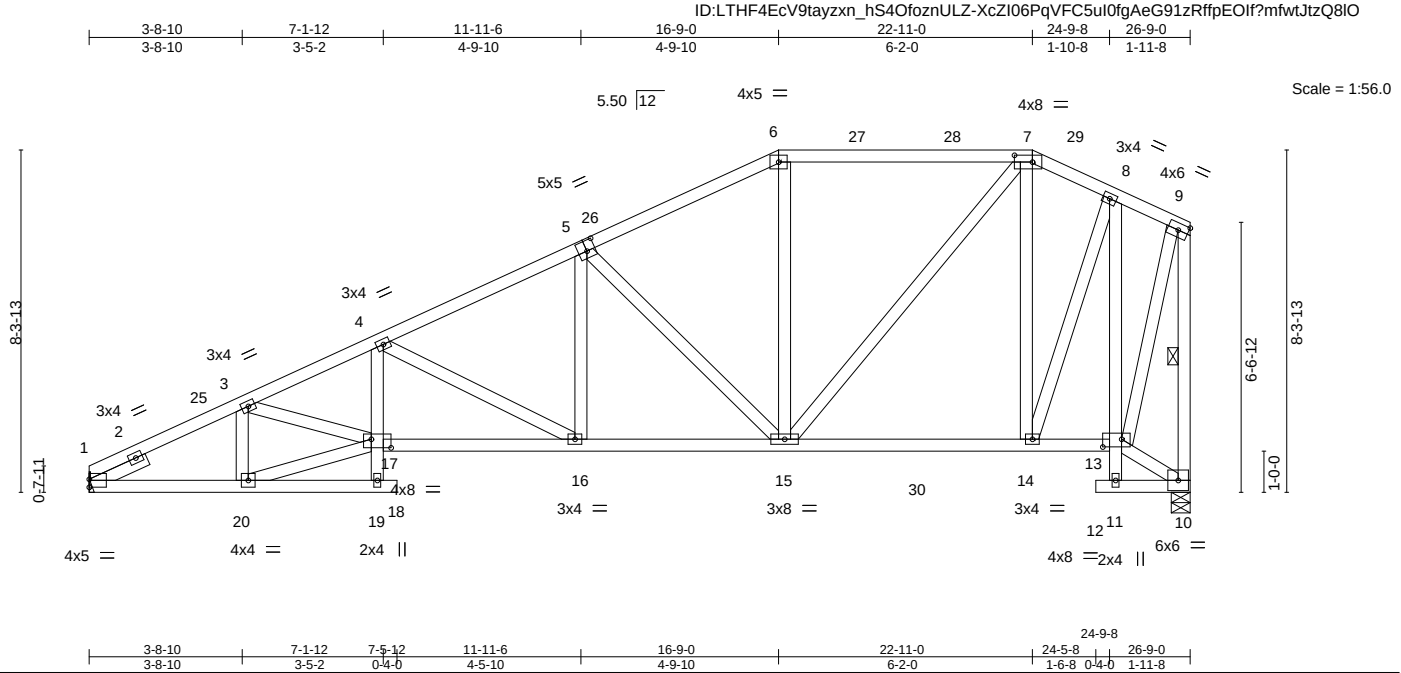


Plate Offsets (X,Y)-- [1:0-0-0,0-2-5], [5:0-2-8,0-3-0], [7:0-5-4,0-2-0], [13:0-5-8,0-2-4], [17:0-5-12,0-2-8]

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	0.66	Vert(LL)	-0.10	18	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.23	16-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.10	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.15	18	>999	240	Weight: 199 lb	FT = 10%

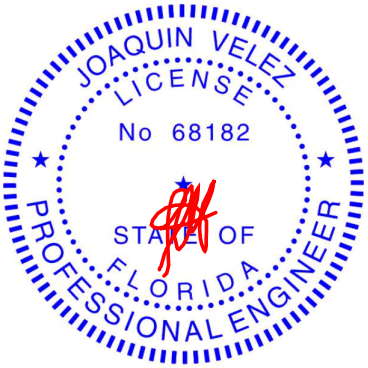
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

REACTIONS. (lb/size) 1=1205/Mechanical, 10=1209/0-5-8
Max Horz 1=511(LC 11)
Max Uplift 1=-523(LC 12), 10=-539(LC 12)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-4-9 oc bracing. Except: 10-0-0 oc bracing: 17-19, 11-13
WEBS 1 Row at midpt 9-10

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2095/1093, 3-4=-2754/1480, 4-5=-1923/1042, 5-6=-1253/806, 6-7=-1075/788, 7-8=-683/551, 8-9=-479/408, 9-10=-1168/823
BOT CHORD 1-20=-1365/1945, 4-17=-244/505, 16-17=-1826/2626, 15-16=-1280/1770, 14-15=-509/692, 13-14=-348/453, 8-13=-990/728
WEBS 3-20=-594/487, 17-20=-1314/1869, 3-17=-454/682, 4-16=-961/610, 5-16=-210/535, 5-15=-851/592, 7-15=-538/792, 7-14=-667/546, 8-14=-512/869, 9-13=-762/1036, 10-13=-272/275

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 16-9-0, Exterior(2) 16-9-0 to 20-11-15, Interior(1) 20-11-15 to 22-11-0, Exterior(2) 22-11-0 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=523, 10=539.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04C	Hip	1	1	T16796498
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:02 2019 Page 1

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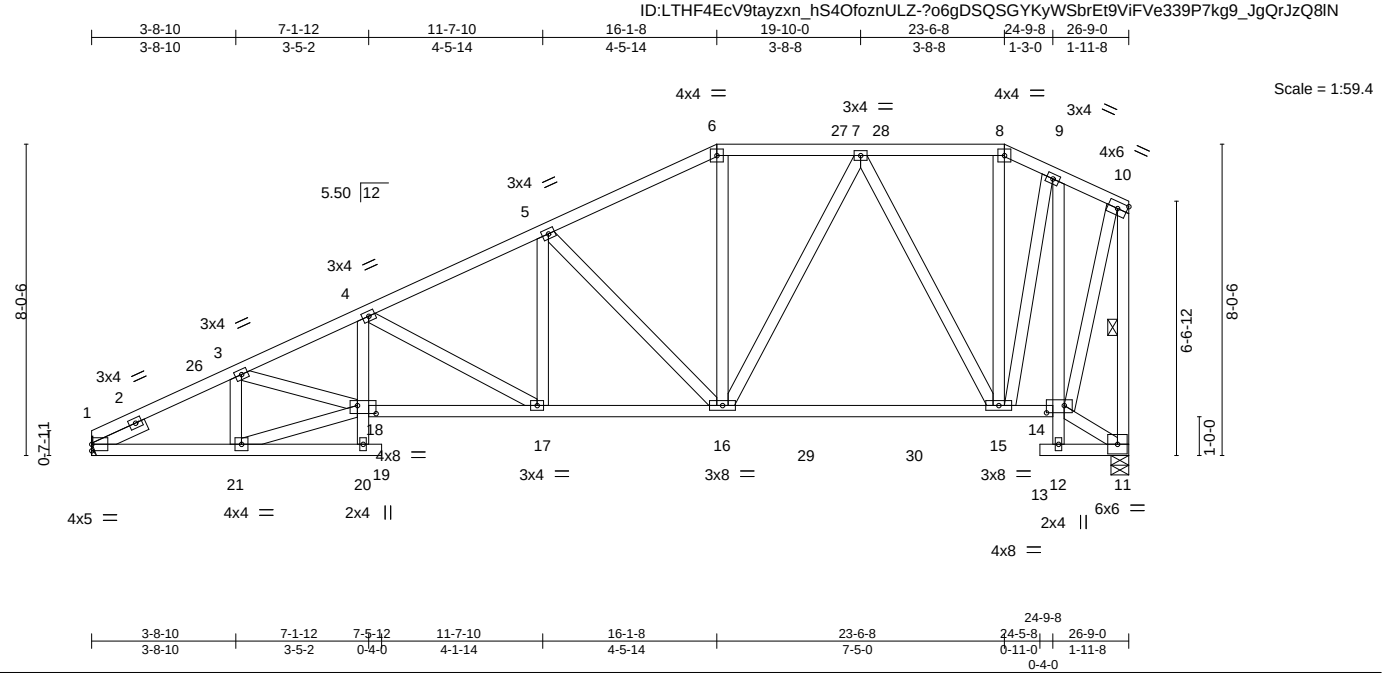


Plate Offsets (X,Y)-- [14:0-5-8,0-2-4], [18:0-5-12,0-2-8]

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	0.56	Vert(LL)	-0.10	15-16	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.72	Vert(CT)	-0.23	17-18	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.85	Horz(CT)	0.11	11	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.14	19	>999	240	Weight: 206 lb	FT = 10%

LUMBER-

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

REACTIONS. (lb/size) 1=1205/Mechanical, 11=1209/0-5-8
Max Horz 1=502(LC 11)
Max Uplift 1=-523(LC 12), 11=-539(LC 12)

BRACING-

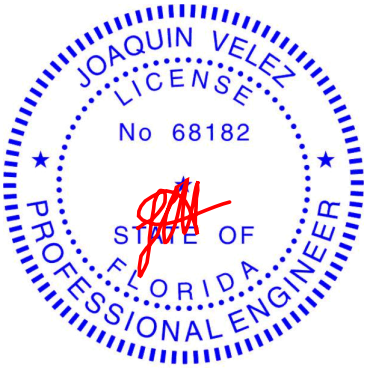
TOP CHORD	Structural wood sheathing directly applied or 3-3-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 4-4-6 oc bracing. Except: 10-0-0 oc bracing: 18-20, 12-14
WEBS	1 Row at midpt 10-11

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

TOP CHORD	1-3=-2095/1092, 3-4=-2751/1499, 4-5=-1962/1086, 5-6=-1327/828, 6-7=-1144/804, 7-8=-588/499, 8-9=-630/513, 9-10=-476/407, 10-11=-1171/838
BOT CHORD	1-21=-1381/1942, 4-18=-250/507, 17-18=-1840/2611, 16-17=-1333/1815, 15-16=-759/1001, 14-15=-379/491, 9-14=-1046/694
WEBS	3-21=-599/494, 18-21=-1331/1869, 3-18=-458/682, 4-17=-920/578, 5-17=-216/511, 5-16=-833/605, 6-16=-120/304, 7-16=-319/551, 7-15=-843/617, 9-15=-450/886, 10-14=-768/1029, 11-14=-269/266

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 16-1-8, Exterior(2) 16-1-8 to 20-4-7, Interior(1) 20-4-7 to 23-6-8, Exterior(2) 23-6-8 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=523, 11=539.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04D	Hip	1	1	T16796499
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:03 2019 Page 1
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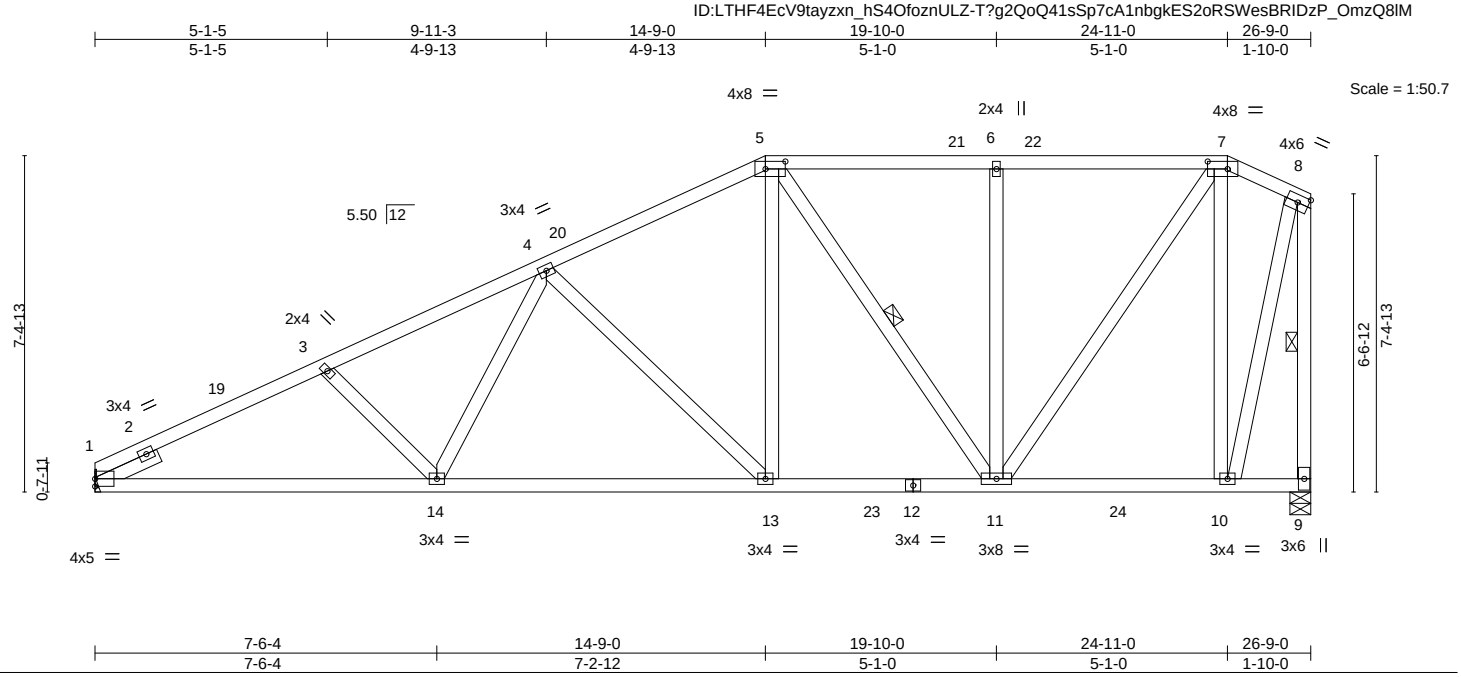


Plate Offsets (X,Y)-- [5:0-5-4,0-2-0], [7:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.08	13-14	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.23	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.05	9	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.12	13-14	>999	240	Weight: 181 lb	FT = 10%

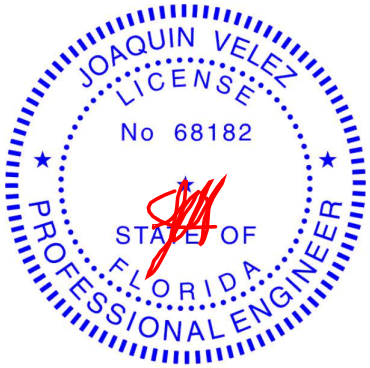
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-3-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-11-0 oc bracing.
WEBS 1 Row at midpt 5-11, 8-9

REACTIONS. (lb/size) 1=1197/Mechanical, 9=1197/0-5-8
Max Horz 1=482(LC 11)
Max Uplift 1=-527(LC 12), 9=-624(LC 9)
Max Grav 1=1197(LC 1), 9=1199(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2117/1125, 3-4=-1926/1052, 4-5=-1310/832, 5-6=-908/710, 6-7=-908/710, 7-8=-491/427, 8-9=-1185/744
BOT CHORD 1-14=-1416/1938, 13-14=-1213/1625, 11-13=-886/1209, 10-11=-300/391
WEBS 3-14=-244/277, 4-14=-116/393, 4-13=-604/467, 5-13=-254/609, 5-11=-465/317, 6-11=-412/415, 7-11=-690/1053, 7-10=-936/795, 8-10=-717/1095

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 14-9-0, Exterior(2) 14-9-0 to 18-11-15, Interior(1) 18-11-15 to 24-11-0, Exterior(2) 24-11-0 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=527, 9=624.



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Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04E	Hip	1	1	T16796500
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:04 2019 Page 1
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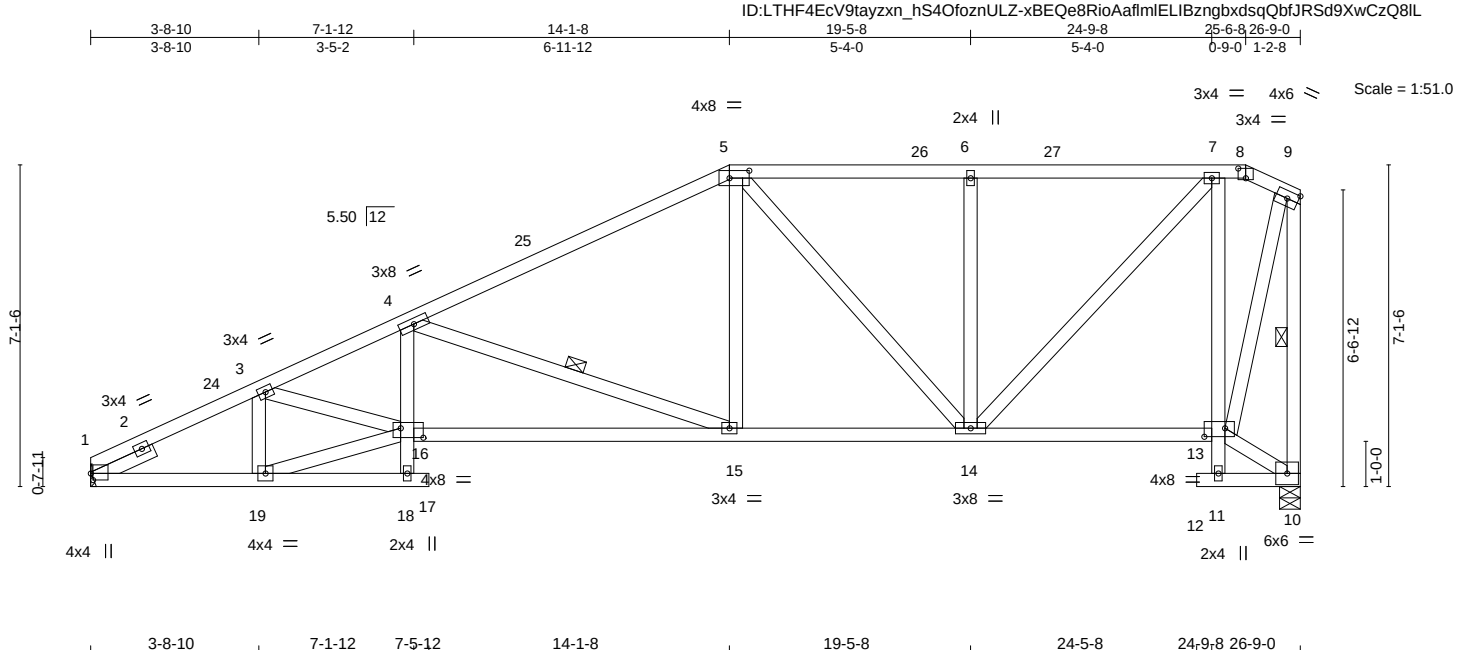


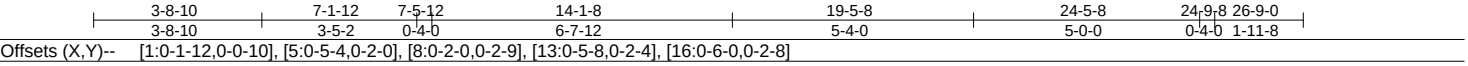


Plate Offsets (X,Y)-- [1:0-1-12,0-0-10], [5:0-5-4,0-2-0], [8:0-2-0,0-2-9], [13:0-5-8,0-2-4], [16:0-6-0,0-2-8]

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	0.74	Vert(LL)	-0.12	15-16	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.81	Vert(CT)	-0.32	15-16	>993	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.12	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.17	17	>999	240	Weight: 181 lb	FT = 10%

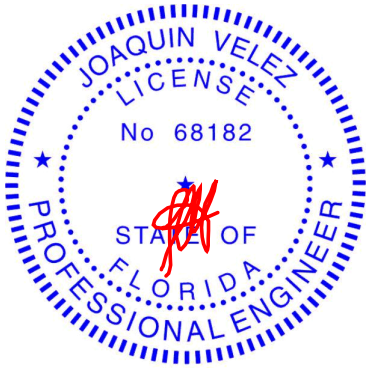
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

REACTIONS. (lb/size) 1=1205/Mechanical, 10=1209/0-5-8
Max Horz 1=474(LC 11)
Max Uplift 1=-523(LC 12), 10=-653(LC 9)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-2-0 oc bracing. Except: 10-0-0 oc bracing: 16-18, 11-13
WEBS 1 Row at midpt 4-15, 9-10

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2087/1083, 3-4=-2779/1527, 4-5=-1650/901, 5-6=-1118/778, 6-7=-1118/778, 7-8=-417/356, 8-9=-460/379, 9-10=-1172/784
BOT CHORD 1-19=-1382/1921, 4-16=-195/522, 15-16=-1974/2687, 14-15=-1094/1488, 13-14=-368/475, 7-13=-990/826
WEBS 3-19=-577/469, 16-19=-1278/1842, 3-16=-527/721, 4-15=-1294/938, 5-15=-224/596, 5-14=-466/346, 6-14=-418/416, 7-14=-719/1126, 9-13=-812/1099, 10-13=-263/319

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 14-1-8, Exterior(2) 14-1-8 to 18-4-7, Interior(1) 18-4-7 to 25-6-8, Exterior(2) 25-6-8 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=523, 10=653.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04F	Half Hip	1	1	T16796501
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:05 2019 Page 1
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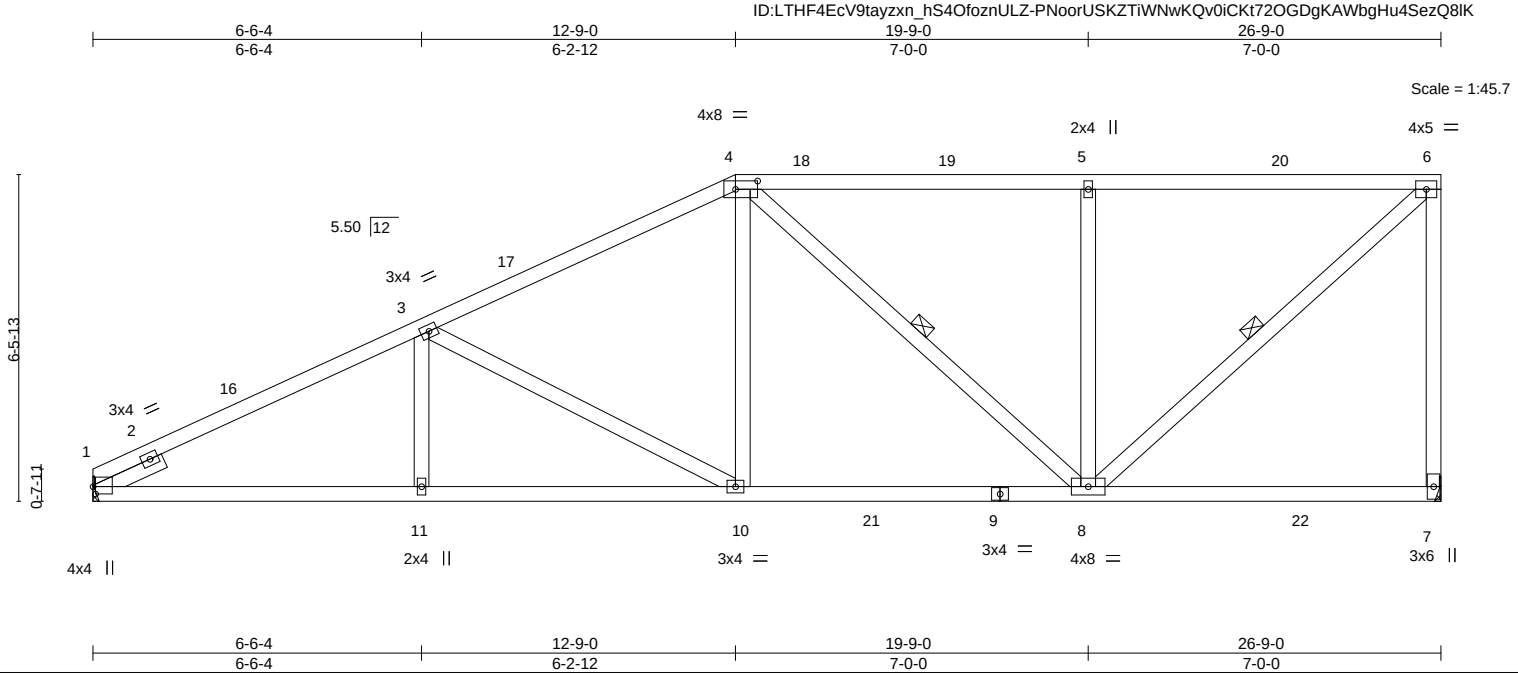


Plate Offsets (X,Y)-- [1:0-1-12,0-0-10], [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	1.00	Vert(LL)	-0.07	10-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.19	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.11	10-11	>999	240	Weight: 151 lb	FT = 10%

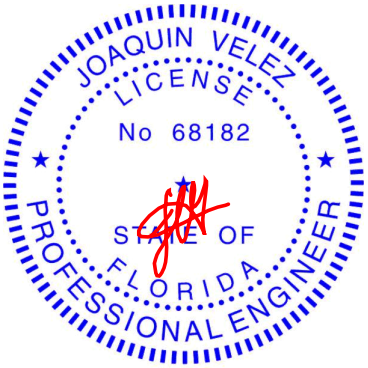
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-11-6 oc bracing.
WEBS 1 Row at midpt 4-8, 6-8

REACTIONS. (lb/size) 1=1197/Mechanical, 7=1197/Mechanical
Max Horz 1=449(LC 11)
Max Uplift 1=-528(LC 12), 7=-704(LC 9)
Max Grav 1=1197(LC 1), 7=1230(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2099/1097, 3-4=-1538/892, 4-5=-1055/761, 5-6=-1055/761, 6-7=-1135/777
BOT CHORD 1-11=-1412/1905, 10-11=-1412/1905, 8-10=-1020/1393
WEBS 3-10=-599/446, 4-10=-136/481, 4-8=-408/327, 5-8=-565/577, 6-8=-880/1396

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 12-9-0, Exterior(2) 12-9-0 to 16-11-15, Interior(1) 16-11-15 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=528, 7=704.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

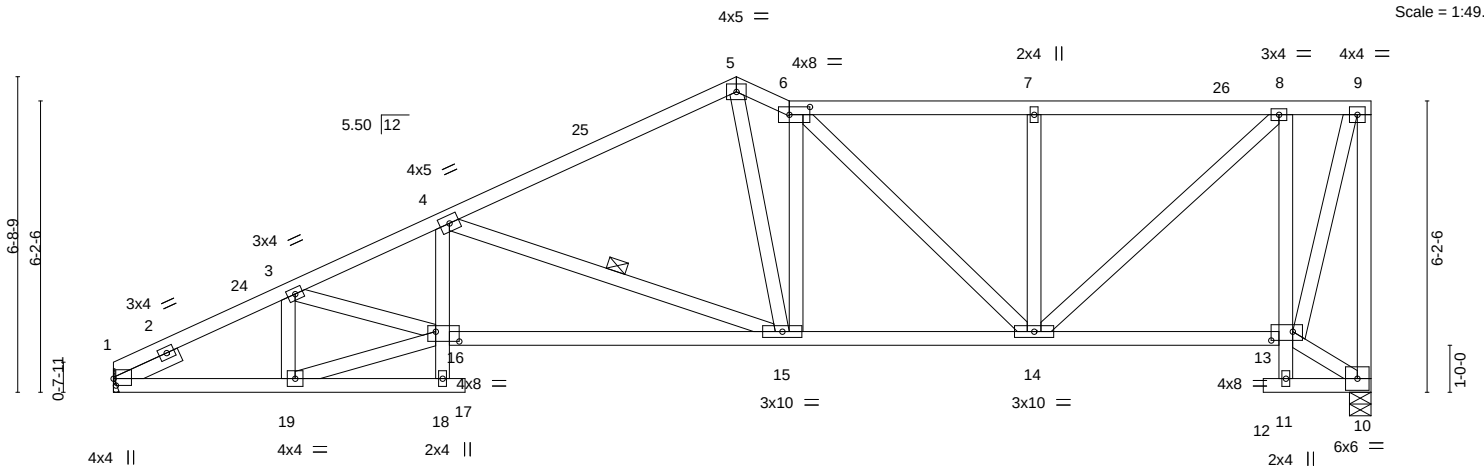
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796502
413220	04G	Roof Special	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:05 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-PNoorUSKZTiWNwKQv0iCKt75VGAkK8TbgHu4SezQ8lK

3-8-10	7-1-12	13-3-0	14-4-8	19-7-0	24-9-8	26-9-0
3-8-10	3-5-2	6-1-4	1-1-8	5-2-8	5-2-8	1-11-8

Scale = 1:49.0



3-8-10	7-1-12	7-5-12	14-4-8	19-7-0	24-5-8	24-9-8	26-9-0
3-8-10	3-5-2	0-4-0	6-10-12	5-2-8	4-10-8	0-4-0	1-11-8

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

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	0.80	Vert(LL)	-0.12	15-16	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.33	15-16	>972	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.66	Horz(CT)	0.12	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.17	17	>999	240	Weight: 181 lb	FT = 10%

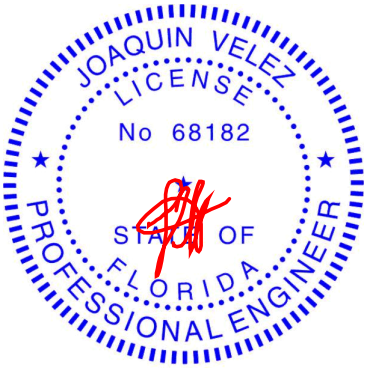
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-3-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-3-15 oc bracing. Except: 10-0-0 oc bracing: 16-18, 11-13
WEBS 1 Row at midpt 4-15

REACTIONS. (lb/size) 1=1205/Mechanical, 10=1209/0-5-8
Max Horz 1=443(LC 11)
Max Uplift 1=-524(LC 12), 10=-682(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2091/1071, 3-4=-2771/1462, 4-5=-1676/895, 5-6=-1767/1030, 6-7=-1314/810, 7-8=-1314/810, 8-9=-458/345, 9-10=-1171/732
BOT CHORD 1-19=-1327/1909, 4-16=-201/527, 15-16=-1834/2632, 14-15=-1154/1672, 13-14=-375/512, 8-13=-1093/800
WEBS 3-19=-581/460, 16-19=-1243/1842, 3-16=-469/701, 4-15=-1211/816, 5-15=-547/1078, 6-15=-576/400, 6-14=-479/321, 7-14=-415/416, 8-14=-740/1221, 10-13=-241/290, 9-13=-796/1214

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 13-3-0, Exterior(2) 13-3-0 to 14-4-8, Interior(1) 14-4-8 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=524, 10=682.



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MiTek USA, Inc. FL Cert 6634
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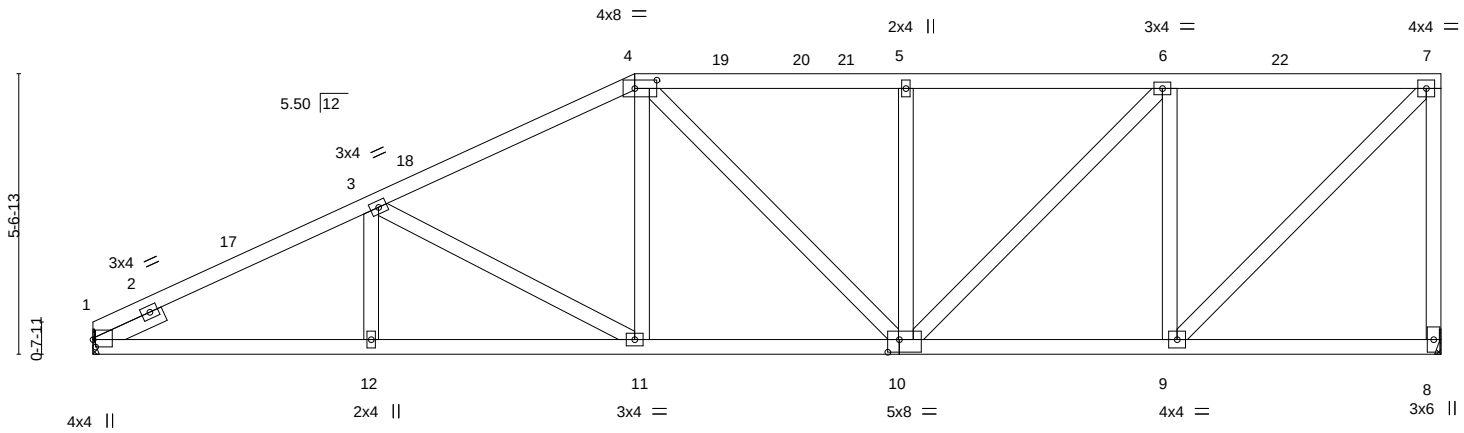
Date:
April 17,2019

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04H	Half Hip	1	1	T16796503
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:06 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-taMB3qTyKnqN_3vcTjERs5gIDgX63Zkkvxee_5zQ8lJ

5-6-4	10-9-0	16-1-9	21-4-7	26-9-0
5-6-4	5-2-12	5-4-9	5-2-13	5-4-9

Scale = 1:45.7



5-6-4	10-9-0	16-1-9	21-4-7	26-9-0
5-6-4	5-2-12	5-4-9	5-2-13	5-4-9

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.61	Vert(LL)	-0.08	11-12	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.67	Vert(CT)	-0.18	11-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.79	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.11	11-12	>999	240	Weight: 157 lb	FT = 10%

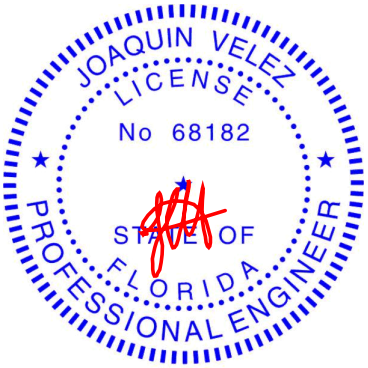
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-3-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-11-5 oc bracing.

REACTIONS. (lb/size) 1=1197/Mechanical, 8=1197/Mechanical
Max Horz 1=381(LC 11)
Max Uplift 1=-530(LC 12), 8=-694(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2116/1132, 3-4=-1703/982, 4-5=-1480/965, 5-6=-1490/974, 6-7=-997/697, 7-8=-1149/746
BOT CHORD 1-12=-1408/1864, 11-12=-1408/1864, 10-11=-1099/1486, 9-10=-696/997
WEBS 3-11=-448/354, 4-11=-112/382, 5-10=-390/350, 6-10=-464/690, 6-9=-877/680, 7-9=-841/1396

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 10-9-0, Exterior(2) 10-9-0 to 14-11-15, Interior(1) 14-11-15 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=530, 8=694.



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April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796504
413220	04I	Roof Special	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:07 2019 Page 1
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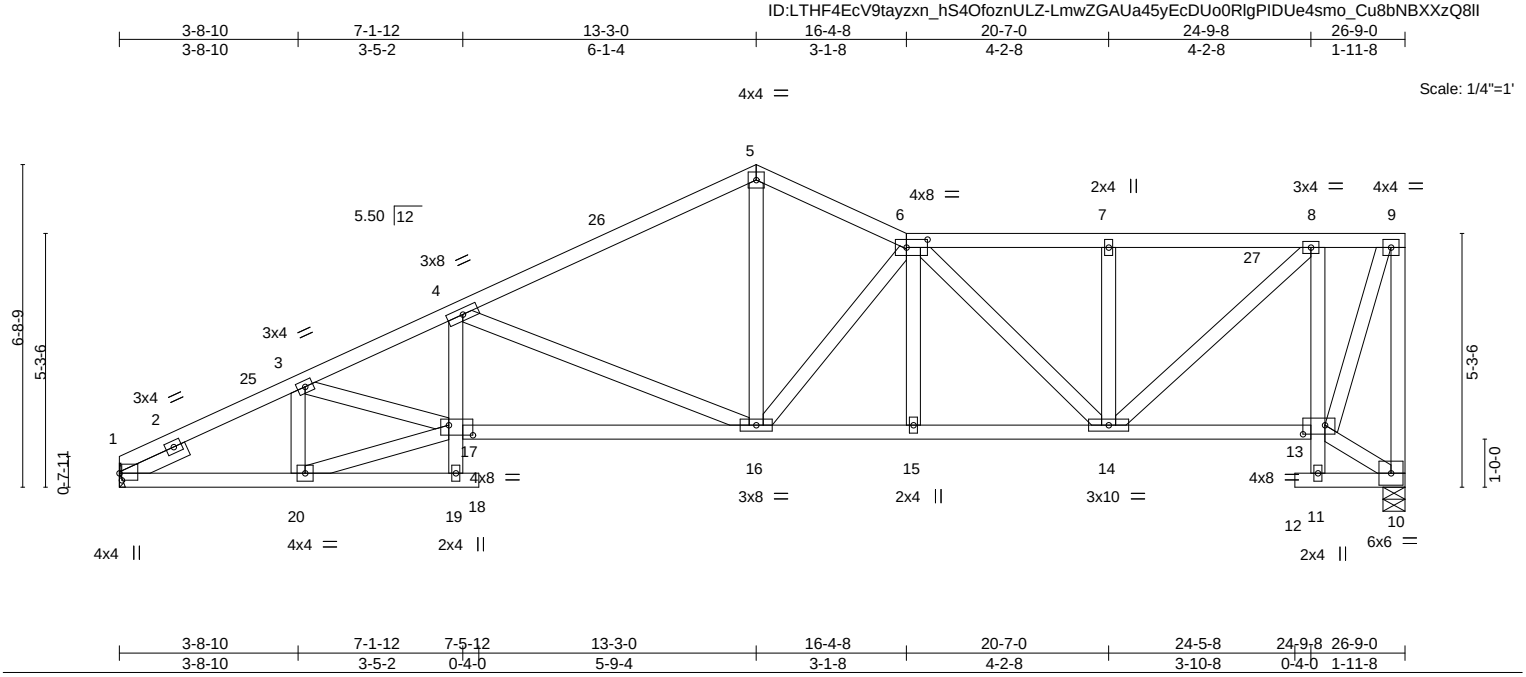


Plate Offsets (X,Y)-- [1:0-1-12,0-0-10], [6:0-5-4,0-2-0], [13:0-5-8,0-2-4], [17:0-6-0,0-2-8]

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	0.57	Vert(LL)	-0.11	18	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.28	16-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.90	Horz(CT)	0.13	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.17	18	>999	240	Weight: 176 lb	FT = 10%

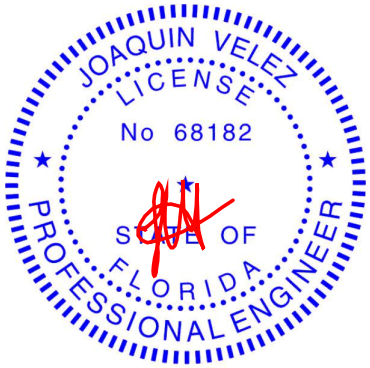
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-3-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-5-10 oc bracing. Except: 10-0-0 oc bracing: 17-19, 11-13

REACTIONS. (lb/size) 1=1205/Mechanical, 10=1209/0-5-8
Max Horz 1=404(LC 11)
Max Uplift 1=-526(LC 12), 10=-621(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-2090/1108, 3-4=-2768/1465, 4-5=-1764/982, 5-6=-1696/988, 6-7=-1444/866, 7-8=-1444/866, 8-9=-502/362, 9-10=-1167/713
BOT CHORD 1-20=-1261/1875, 4-17=-192/504, 16-17=-1753/2590, 15-16=-1227/1904, 14-15=-1226/1905, 13-14=-399/564, 8-13=-1085/739
WEBS 3-20=-572/441, 17-20=-1180/1795, 3-17=-450/700, 4-16=-1148/779, 5-16=-525/1046, 6-16=-634/440, 6-14=-636/396, 7-14=-333/338, 8-14=-732/1284, 9-13=-765/1220

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 13-3-0, Exterior(2) 13-3-0 to 16-4-8, Interior(1) 16-4-8 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=526, 10=621.



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Date:
April 17,2019

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6904 Parke East Blvd.
Tampa, FL 36610

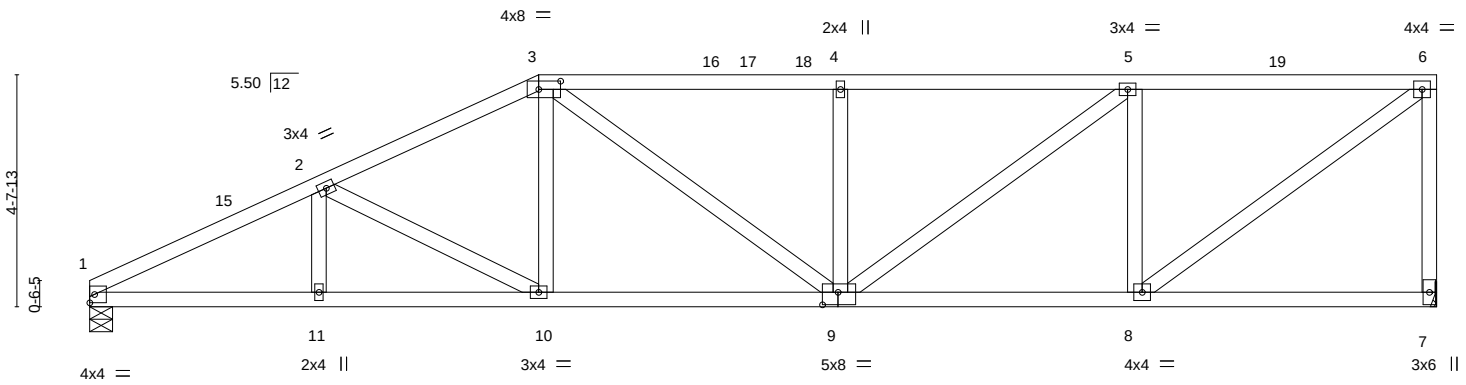
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04J	Half Hip	1	1	T16796505
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:08 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-pyUxUVUDrO45EN3?a8GvxWlfvTBXXSx1NF7k3zzQ8lH

4-7-2	9-0-0	15-0-9	20-11-7	27-0-0
4-7-2	4-4-14	6-0-9	5-10-13	6-0-9

Scale = 1:46.2



4-7-2	9-0-0	15-0-9	20-11-7	27-0-0
4-7-2	4-4-14	6-0-9	5-10-13	6-0-9

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

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.53	Vert(LL)	-0.09	9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.21	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.13	9	>999	240	Weight: 147 lb	FT = 10%

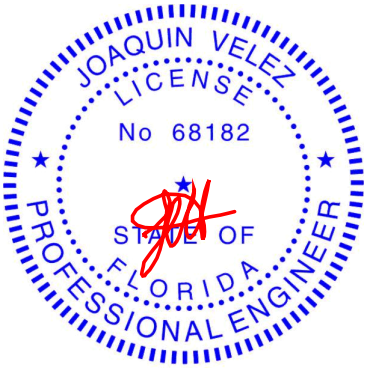
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 1=1208/0-5-8, 7=1208/Mechanical
Max Horz 1=316(LC 11)
Max Uplift 1=-537(LC 12), 7=-690(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2263/1216, 2-3=-1920/1095, 3-4=-1894/1164, 4-5=-1899/1169, 5-6=-1341/851, 6-7=-1154/739
BOT CHORD 1-11=-1461/1985, 10-11=-1461/1985, 9-10=-1192/1698, 8-9=-859/1341
WEBS 2-10=-348/306, 3-10=-88/345, 3-9=-218/296, 4-9=-437/391, 5-9=-450/691, 5-8=-847/652, 6-8=-953/1637

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 9-0-0, Exterior(2) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 26-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) 1=537, 7=690.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04K	Roof Special	1	1	T16796506
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:09 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-I92JhrVrciCyrXeB8rn8UjIpetalGzAAbvsIbPzQ8lG

6-9-4	13-3-0	18-4-8	22-6-12	26-9-0
6-9-4	6-5-12	5-1-8	4-2-4	4-2-4

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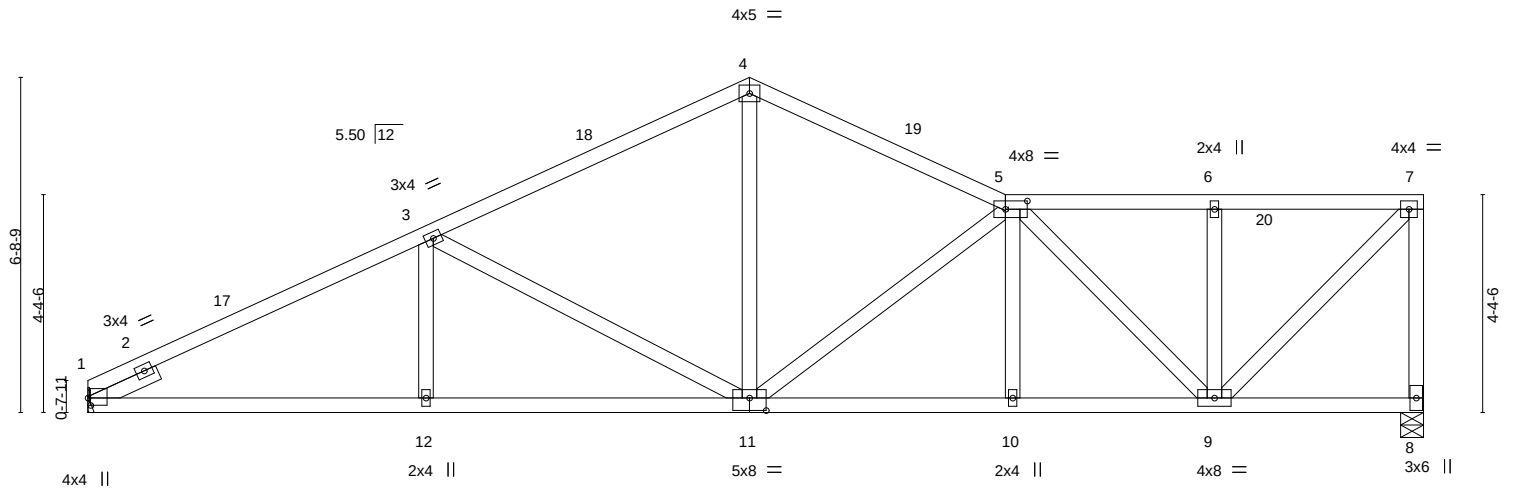


6-9-4	13-3-0	18-4-8	22-6-12	26-9-0
6-9-4	6-5-12	5-1-8	4-2-4	4-2-4

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

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	0.60	Vert(LL)	-0.08	11-12	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.20	11-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.61	Horz(CT)	0.06	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.11	11-12	>999	240	Weight: 151 lb	FT = 10%

LUMBER-

TOP CHORD	2x4 SP No.2
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 3-6-2 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 5-4-11 oc bracing.

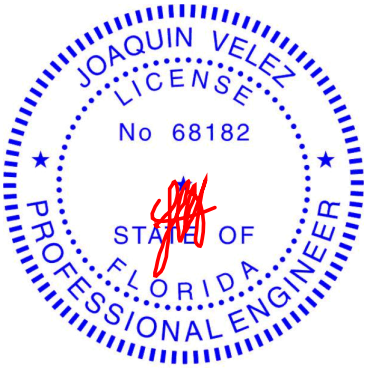
REACTIONS. (lb/size) 1=1197/Mechanical, 8=1197/0-5-8
Max Horz 1=365(LC 11)
Max Uplift 1=-533(LC 12), 8=-563(LC 9)

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

TOP CHORD	1-3=-2093/1096, 3-4=-1503/884, 4-5=-1470/864, 5-6=-1041/665, 6-7=-1041/665, 7-8=-1157/694
BOT CHORD	1-12=-1194/1831, 11-12=-1194/1831, 10-11=-1014/1690, 9-10=-1012/1693
WEBS	3-11=-663/434, 4-11=-371/760, 5-11=-553/387, 5-9=-910/500, 6-9=-319/342, 7-9=-813/1459

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 13-3-0, Exterior(2) 13-3-0 to 16-3-0, Interior(1) 16-3-0 to 26-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=533, 8=563.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04L	Roof Special Girder	1	2	T16796507
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:10 2019 Page 1

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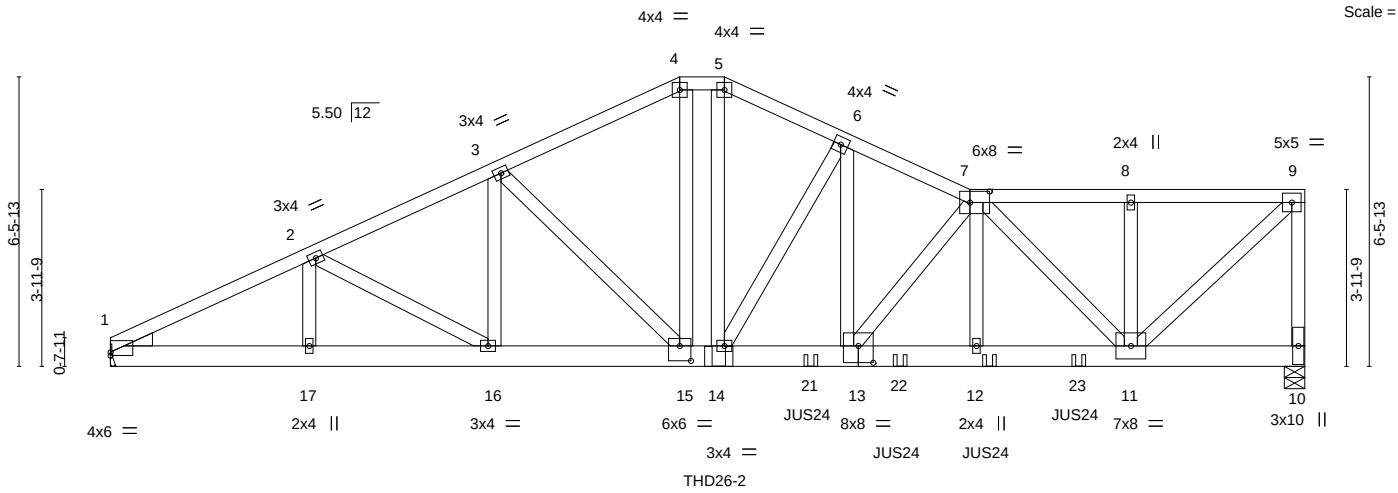
4-5-7	8-7-3	12-9-0	13-9-0	16-6-0	19-3-0	22-10-4	26-9-0
4-5-7	4-1-13	4-1-13	1-0-0	2-9-0	2-9-0	3-7-4	3-10-12

Scale = 1:51.6



4-5-7	8-7-3	12-9-0	13-9-0	16-6-0	19-3-0	22-10-4	26-9-0
4-5-7	4-1-13	4-1-13	1-0-0	2-9-0	2-9-0	3-7-4	3-10-12

Plate Offsets (X,Y)-- [1:0-0-0,0-0-15], [7:0-5-4,0-3-0], [13:0-4-0,0-4-8], [15:0-3-0,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.43	Vert(LL)	0.21	13-14	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.28	13-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.65	Horz(CT)	0.07	10	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 391 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

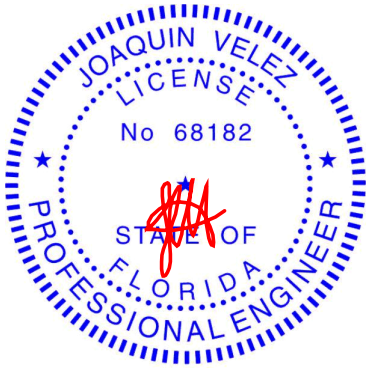
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-11-9 oc bracing.

REACTIONS. (lb/size) 1=3001/Mechanical, 10=4151/0-5-8
Max Horz 1=336(LC 7)
Max Uplift 1=-1540(LC 8), 10=-2234(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-5858/3029, 2-3=-5933/3160, 3-4=-5753/3160, 4-5=-5217/2944, 5-6=-5737/3179, 6-7=-7101/3891, 7-8=-4221/2375, 8-9=-4221/2375, 9-10=-4137/2275
BOT CHORD 1-17=-2697/5240, 16-17=-2697/5240, 15-16=-2722/5361, 14-15=-2670/5217, 13-14=-3277/6329, 12-13=-3798/7188, 11-12=-3820/7227
WEBS 2-17=-303/239, 2-16=-404/452, 3-16=-267/383, 3-15=-653/539, 4-15=-1114/2084, 5-14=-1331/2408, 6-14=-2303/1330, 6-13=-1241/2281, 7-13=-1302/810, 7-12=-536/959, 7-11=-4241/2281, 8-11=-286/315, 9-11=-3151/5803

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) 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) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1540, 10=2234.
10) Use USP THD26-2 (With 18-16d nails into Girder & 12-10d nails into Truss) or equivalent at 13-7-8 from the left end to connect truss(es) to front face of bottom chord.
11) Use USP JUS24 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 15-8-4 from the left end to 21-8-4 to connect truss(es) to front face of bottom chord.

Continued on page 2



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NOTES-

12) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

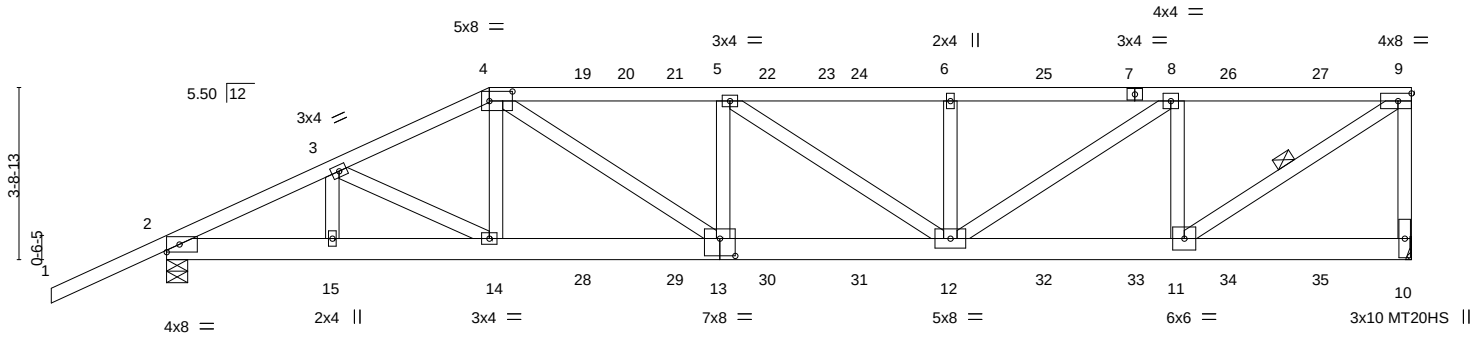
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-70, 4-5=-70, 5-7=-70, 7-9=-70, 10-18=-20
   Concentrated Loads (lb)
   Vert: 14=-2203(F) 12=-551(F) 21=-551(F) 22=-551(F) 23=-900(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	04M	Half Hip Girder	1	1	T16796508
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:11 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-EX946XX58JSg5rnaFGpcZ8N49hAOkqLT3DLPgIzQ8lE

-2-6-0	3-7-2	7-0-0	12-0-14	17-0-0	21-11-2	27-0-0
2-6-0	3-7-2	3-4-14	5-0-14	4-11-2	4-11-2	5-0-14

Scale = 1:50.0



3-7-2	7-0-0	12-0-14	17-0-0	21-11-2	27-0-0
3-7-2	3-4-14	5-0-14	4-11-2	4-11-2	5-0-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.92	Vert(LL)	-0.18	12-13	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.41	12-13	>781	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.83	Horz(CT)	0.09	10	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MS		Wind(LL)	0.30	12-13	>999	240	Weight: 171 lb	FT = 10%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 4-7: 2x4 SP M 31
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-3 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 4-7-11 oc bracing.
WEBS	1 Row at midpt 9-11

REACTIONS. (lb/size) 10=2417/Mechanical, 2=2373/0-5-8
Max Horz 2=280(LC 7)
Max Uplift 10=-1238(LC 5), 2=-1273(LC 8)

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

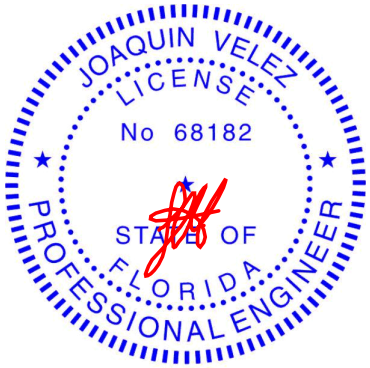
TOP CHORD	2-3=-4235/1929, 3-4=-4335/2102, 4-5=-5021/2478, 5-6=-4703/2319, 6-8=-4703/2319, 8-9=-3079/1544, 9-10=-2314/1258
BOT CHORD	2-15=-1912/3789, 14-15=-1912/3789, 13-14=-1995/3931, 12-13=-2531/5032, 11-12=-1608/3079
WEBS	3-15=-269/242, 3-14=-327/287, 4-14=-25/591, 4-13=-633/1356, 5-13=-541/493, 5-12=-440/206, 6-12=-654/572, 8-12=-962/1966, 8-11=-1836/1192, 9-11=-1840/3662

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=1238, 2=1273.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 283 lb down and 412 lb up at 7-0-0, 139 lb down and 204 lb up at 9-0-12, 139 lb down and 204 lb up at 11-0-12, 139 lb down and 204 lb up at 13-0-12, 139 lb down and 204 lb up at 15-0-12, 139 lb down and 204 lb up at 17-0-12, 139 lb down and 204 lb up at 19-0-12, 139 lb down and 204 lb up at 21-0-12, and 139 lb down and 204 lb up at 23-0-12, and 139 lb down and 204 lb up at 25-0-12 on top chord, and 420 lb down and 85 lb up 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, and 85 lb down at 23-0-12, and 85 lb down at 25-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2



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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-70, 4-9=-70, 10-16=-20
   Concentrated Loads (lb)
   Vert: 4=-236(B) 7=-137(B) 14=-245(B) 6=-137(B) 12=-54(B) 19=-137(B) 21=-137(B) 22=-137(B) 24=-137(B) 25=-137(B) 26=-137(B) 27=-137(B) 28=-54(B) 29=-54(B) 30=-54(B) 31=-54(B) 32=-54(B) 33=-54(B) 34=-54(B) 35=-54(B)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	05A	Common Girder	1	2	T16796509
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:13 2019 Page 1
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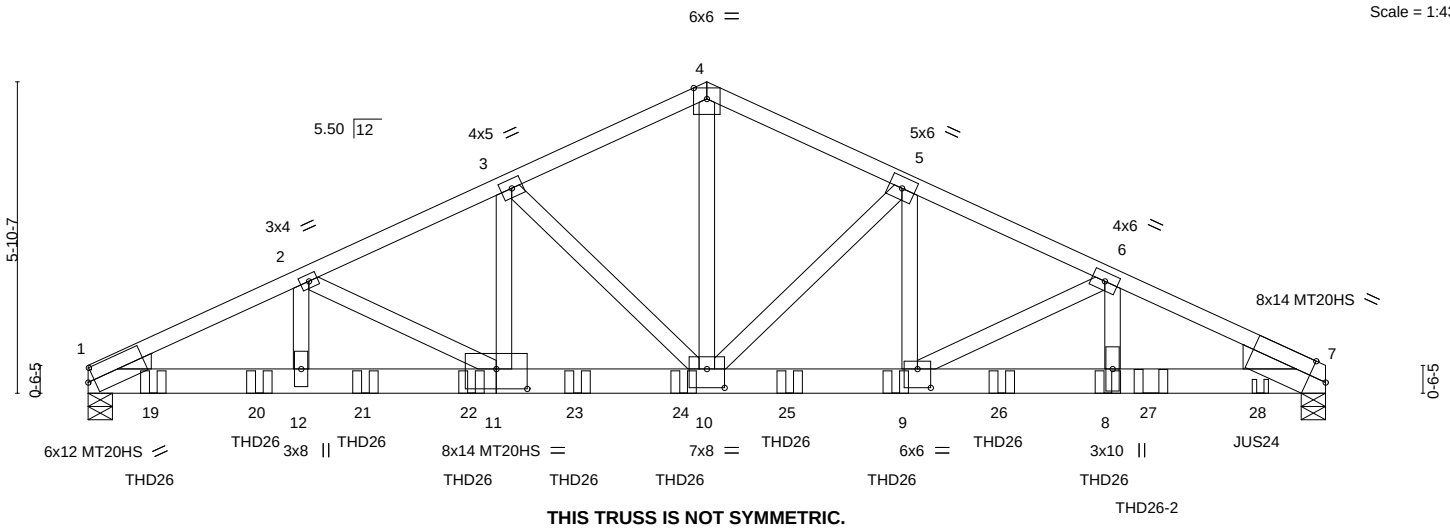
4-0-3	7-10-2	11-8-0	15-5-14	19-3-13	23-4-0
4-0-3	3-9-14	3-9-14	3-9-14	3-9-14	4-0-3

Scale = 1:43.4



THIS TRUSS IS NOT SYMMETRIC.
PROPER ORIENTATION IS ESSENTIAL.

4-0-3	7-10-2	11-8-0	15-5-14	19-3-13	23-4-0
4-0-3	3-9-14	3-9-14	3-9-14	3-9-14	4-0-3

Plate Offsets (X,Y)-- [1:0-1-8,0-3-0], [7:0-3-15,Edge], [9:0-3-0,0-4-4], [10:0-4-0,0-4-4], [11:0-7-0,0-4-8]

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	0.94	Vert(LL)	0.30	10-11	>918	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.87	Vert(CT)	-0.45	10-11	>629	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.93	Horz(CT)	0.11	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 290 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
4-7: 2x4 SP M 31
BOT CHORD 2x6 SP DSS
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3, Right: 2x6 SP No.2

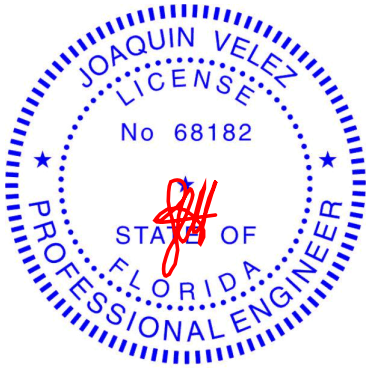
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-0-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-5-13 oc bracing.

REACTIONS. (lb/size) 1=8116/0-5-8, 7=9363/0-5-8
Max Horz 1=-165(LC 23)
Max Uplift 1=-3716(LC 8), 7=-4424(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-15275/6998, 2-3=-13260/6128, 3-4=-10282/4830, 4-5=-10283/4831, 5-6=-13897/6481, 6-7=-18291/8621
BOT CHORD 1-12=-6285/13816, 11-12=-6285/13816, 10-11=-5346/11891, 9-10=-5732/12618, 8-9=-7752/16541, 7-8=-7752/16541
WEBS 4-10=-3819/8232, 5-10=-4642/2261, 5-9=-2038/4436, 6-9=-4435/2273, 6-8=-1851/3758, 3-10=-3625/1722, 3-11=-1529/3493, 2-11=-2051/997, 2-12=-724/1640

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-3-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=3716, 7=4424.
9) Use USP THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-2-12 from the left end to 19-2-12 to connect truss(es) to back face of bottom chord.
10) Use USP THD26-2 (With 18-16d nails into Girder & 12-10d nails into Truss) or equivalent at 20-0-8 from the left end to connect truss(es) to back face of bottom chord.

Continued on page 2



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NOTES-

11) Use USP JUS24 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 22-1-4 from the left end to connect truss(es) to back face of bottom chord.
12) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-70, 4-7=-70, 13-16=-20
   Concentrated Loads (lb)
   Vert: 9=-1185(B) 8=-1177(B) 19=-1177(B) 20=-1177(B) 21=-1177(B) 22=-1185(B) 23=-1185(B) 24=-1185(B) 25=-1185(B) 26=-1185(B) 27=-2981(B) 28=-581(B)

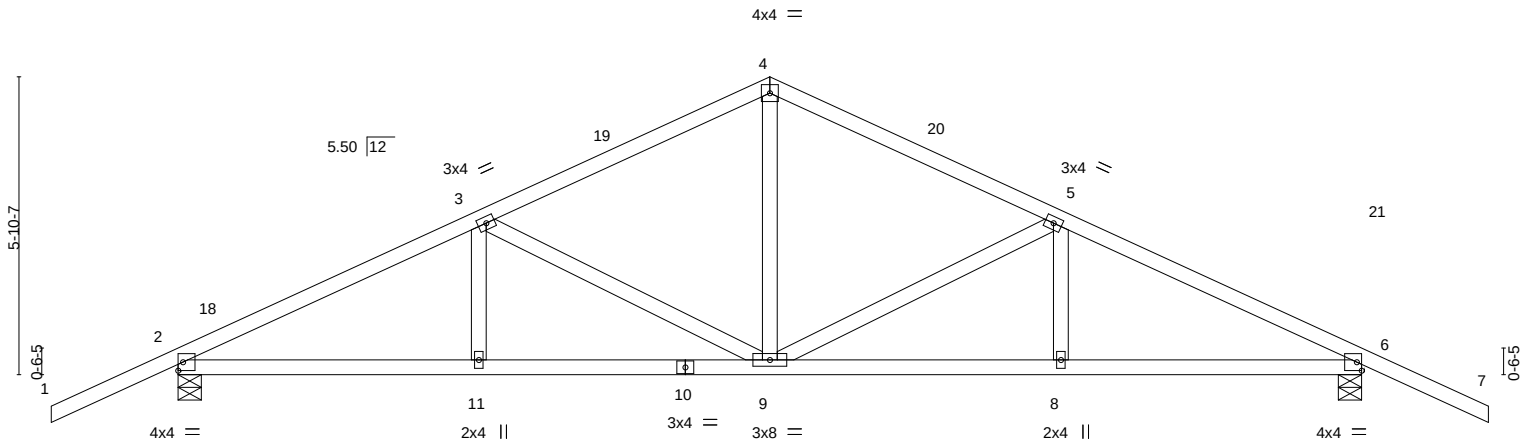
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	05B	Common	3	1	T16796510
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:13 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-AwHqXDYLgxiOK8xyNhs4eZTS7Uv5CpcmWXqVkBzQ8lC

-2-6-0	5-11-2	11-8-0	17-4-14	23-4-0	25-10-0
2-6-0	5-11-2	5-8-14	5-8-14	5-11-2	2-6-0

Scale = 1:45.4



5-11-2	11-8-0	17-4-14	23-4-0
5-11-2	5-8-14	5-8-14	5-11-2

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.08	9-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.71	Vert(CT)	-0.18	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.06	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.12	9-11	>999	240	Weight: 115 lb	FT = 10%

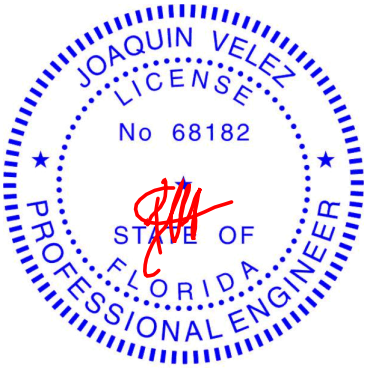
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 7-4-11 oc bracing.

REACTIONS. (lb/size) 2=1225/0-5-8, 6=1225/0-5-8
Max Horz 2=-200(LC 10)
Max Uplift 2=-679(LC 12), 6=-679(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1805/839, 3-4=-1294/704, 4-5=-1294/704, 5-6=-1805/838
BOT CHORD 2-11=-540/1556, 9-11=-540/1556, 8-9=-610/1556, 6-8=-610/1556
WEBS 4-9=-226/628, 5-9=-556/354, 3-9=-557/354

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 11-8-0, Exterior(2) 11-8-0 to 14-8-0, Interior(1) 14-8-0 to 25-10-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) except (jt=lb) 2=679, 6=679.



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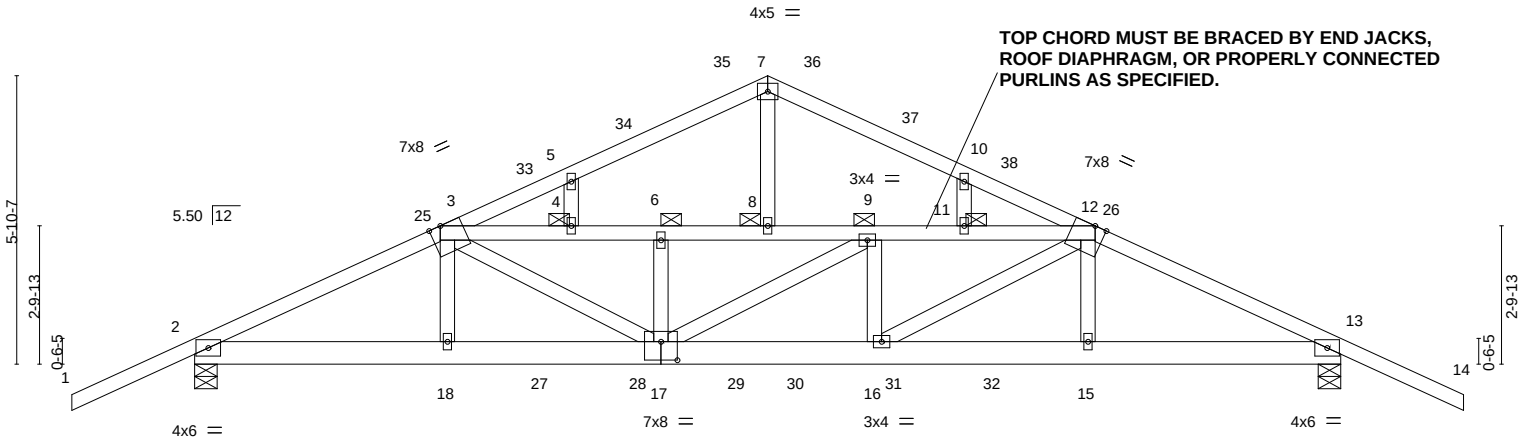
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796511
413220	05C	Hip Girder	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:15 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-6JPayvacCYy6ZS5LU6uYk_YpDIaNgo_3_rJcp3zQ8lA

-2-6-0	5-0-0	7-8-0	9-5-15	11-8-0	13-10-1	15-8-0	18-4-0	23-4-0	25-10-0
2-6-0	5-0-0	2-8-0	1-9-15	2-2-1	2-2-1	1-9-15	2-8-0	5-0-0	2-6-0

Scale = 1:46.9



5-0-0	9-5-15	13-10-1	18-4-0	23-4-0
5-0-0	4-5-15	4-4-3	4-5-15	5-0-0

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

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	0.72	Vert(LL)	0.21	16-17	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.79	Vert(CT)	-0.26	16-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.08	Horz(CT)	0.07	13	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 161 lb	FT = 10%

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 2-10-10 oc purlins.
Except:
1 Row at midpt 3-6, 9-12
BOT CHORD Rigid ceiling directly applied or 5-9-1 oc bracing.
JOINTS 1 Brace at Jt(s): 6, 9, 8

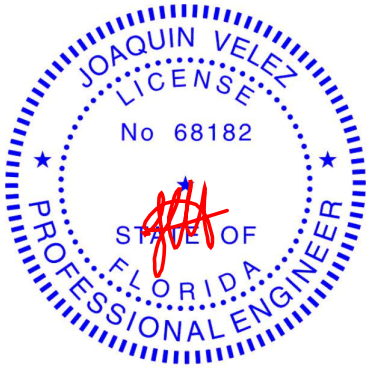
REACTIONS. (lb/size) 2=1824/0-5-8, 13=1824/0-5-8
Max Horz 2=200(LC 7)
Max Uplift 2=-1167(LC 8), 13=-1167(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3402/1866, 3-4=-2273/1354, 4-6=-2273/1354, 6-8=-2273/1354, 8-9=-2273/1354, 9-11=-2274/1358, 11-12=-2274/1358, 12-13=-3401/1865, 3-5=-1207/679, 5-7=-1164/751, 7-10=-1164/751, 10-12=-1207/679
BOT CHORD 2-18=-1518/3147, 17-18=-1526/3125, 16-17=-1661/3249, 15-16=-1536/3052, 13-15=-1530/3073
WEBS 3-18=-7/364, 3-17=-151/320, 12-16=-156/323, 12-15=-8/366, 7-8=-117/358

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1167, 13=1167.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 107 lb down and 162 lb up at 5-0-0, 125 lb down and 169 lb up at 5-4-3, 125 lb down and 169 lb up at 7-0-12, 125 lb down and 169 lb up at 9-0-12, 125 lb down and 163 lb up at 11-0-12, 125 lb down and 163 lb up at 12-3-4, 125 lb down and 169 lb up at 14-3-4, 125 lb down and 169 lb up at 16-3-4, and 125 lb down and 169 lb up at 17-11-13, and 107 lb down and 162 lb up at 18-4-0 on top chord, and 345 lb down and 90 lb up at 5-0-0, 57 lb down and 20 lb up at 7-0-12, 57 lb down and 20 lb up at 9-0-12, 57 lb down and 20 lb up at 11-0-12, 57 lb down and 20 lb up at 12-3-4, 57 lb down and 20 lb up at 14-3-4, and 57 lb down and 20 lb up at 16-3-4, and 345 lb down and 90 lb up at 18-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2



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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-70, 12-14=-70, 19-22=-20, 3-7=-70, 7-12=-70
   Concentrated Loads (lb)
   Vert: 3=-85(F) 12=-85(F) 18=-68(F) 15=-68(F) 25=-50(F) 26=-50(F) 27=-48(F) 28=-48(F) 29=-48(F) 30=-48(F) 31=-48(F) 32=-48(F) 33=-85(F) 34=-85(F) 35=-85(F) 36=-85(F) 37=-85(F) 38=-85(F)

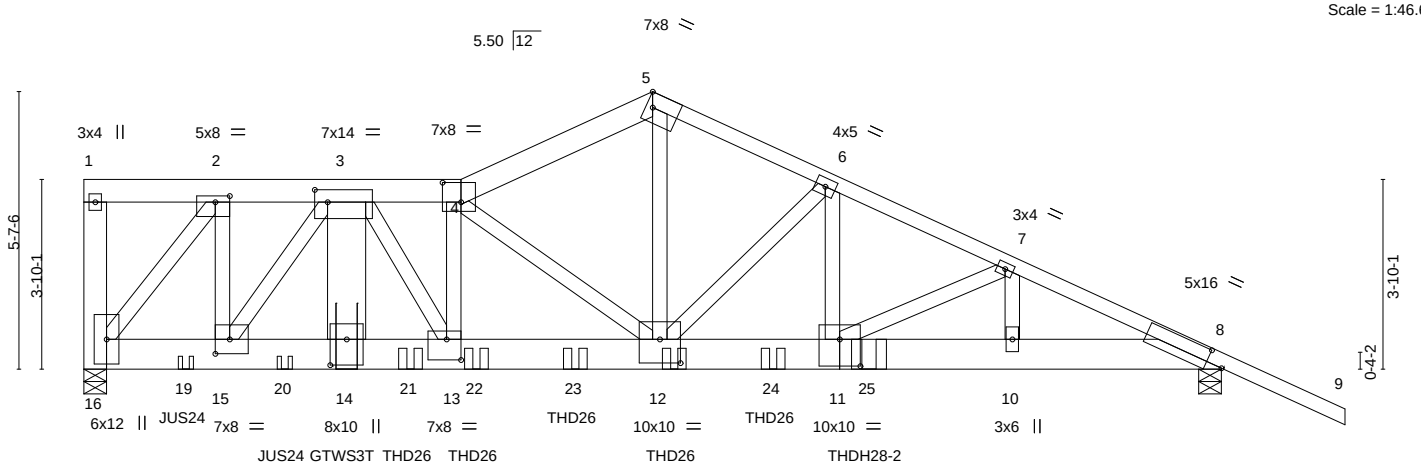
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	06A	ROOF SPECIAL GIRDER	1	3	T16796512
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:16 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-aVzz9EbEzs5yBcgX2qPnGC50li_4P5ICCU3ALVzQ8l9

2-9-10	5-3-12	7-7-8	11-6-0	15-1-10	18-9-4	23-0-0	25-6-0
2-9-10	2-6-2	2-3-12	3-10-8	3-7-10	3-7-10	4-2-12	2-6-0

Scale = 1:46.6



2-9-10	5-3-12	7-7-8	11-6-0	15-1-10	18-9-4	23-0-0
2-9-10	2-6-2	2-3-12	3-10-8	3-7-10	3-7-10	4-2-12

Plate Offsets (X,Y)-- [2:0-3-8,0-1-8], [3:0-3-2,0-3-0], [4:0-4-8,0-4-12], [8:0-3-15,0-3-0], [11:0-5-0,0-6-8], [12:0-5-0,0-5-12], [13:0-3-8,0-5-0], [14:0-6-4,0-4-0], [15:0-3-8,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	-0.16	12-13	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.39	12-13	>690	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.72	Horz(CT)	0.09	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.19	11-12	>999	240	Weight: 587 lb	FT = 10%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
5-9: 2x4 SP M 31
BOT CHORD 2x8 SP DSS
WEBS 2x4 SP No.2 *Except*
1-16: 2x6 SP No.2, 2-15,5-12: 2x4 SP M 31, 3-14: 2x10 SP No.2

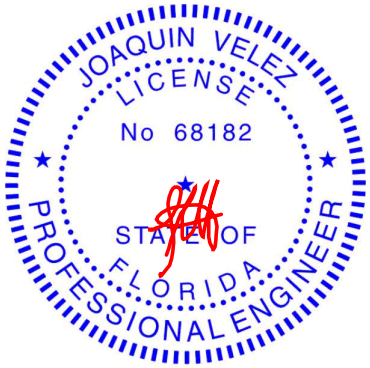
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-8-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=10438/0-5-8, 16=15409/0-5-8
Max Horz 16=-340(LC 23)
Max Uplift 8=-4019(LC 8), 16=-3899(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-16=-449/250, 1-2=-340/163, 2-3=-11597/2847, 3-4=-25216/7280, 4-5=-18625/6410, 5-6=-19006/6554, 6-7=-23044/8391, 7-8=-23105/8356
BOT CHORD 15-16=-2543/11597, 14-15=-5113/22046, 13-14=-5113/22046, 12-13=-7029/25270, 11-12=-7258/20717, 10-11=-7391/20925, 8-10=-7391/20925
WEBS 2-16=-18326/4386, 2-15=-3317/14024, 3-15=-17274/4270, 3-14=-433/9535, 3-13=-3374/6400, 4-13=-2555/1503, 4-12=-11107/2065, 5-12=-5217/15416, 6-12=-4879/2368, 6-11=-2251/4915, 7-11=-267/112, 7-10=-103/251

NOTES-
1) 3-ply truss to be connected together as follows:
Top chords connected with 10d (0.131"x3") nails as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected with 10d (0.131"x3") nails as follows: 2x8 - 4 rows staggered at 0-4-0 oc.
Web connected with FMTSZ412 as follows: 2x4 - 1 row at 0-9-0 oc, 2x10 - 4 rows staggered at 0-7-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 16 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=4019, 16=3899.
10) Use USP JUS24 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 2-0-12 from the left end to 4-0-12 to connect truss(es) to front face of bottom chord.

Continued on page 2



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NOTES-

11) Use USP GTWS3T (With 28-WS3 nails into Girder & 24-WS3 nails into Truss) or equivalent at 5-3-12 from the left end to connect truss(es) to front face of bottom chord.
12) Use USP THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 6-7-4 from the left end to 13-11-4 to connect truss(es) to front face of bottom chord.
13) Use USP THDH28-2 (With 36-16d nails into Girder & 10-16d nails into Truss) or equivalent at 15-10-8 from the left end to connect truss(es) to front face of bottom chord.
14) Fill all nail holes where hanger is in contact with lumber.
15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 425 lb down and 228 lb up at 0-2-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-70, 4-5=-70, 5-9=-70, 8-16=-20
   Concentrated Loads (lb)
   Vert: 1=-174 14=-9604(F) 12=-1987(F) 19=-193(F) 20=-193(F) 21=-1388(F) 22=-1987(F) 23=-1987(F) 24=-1987(F) 25=-4126(F)

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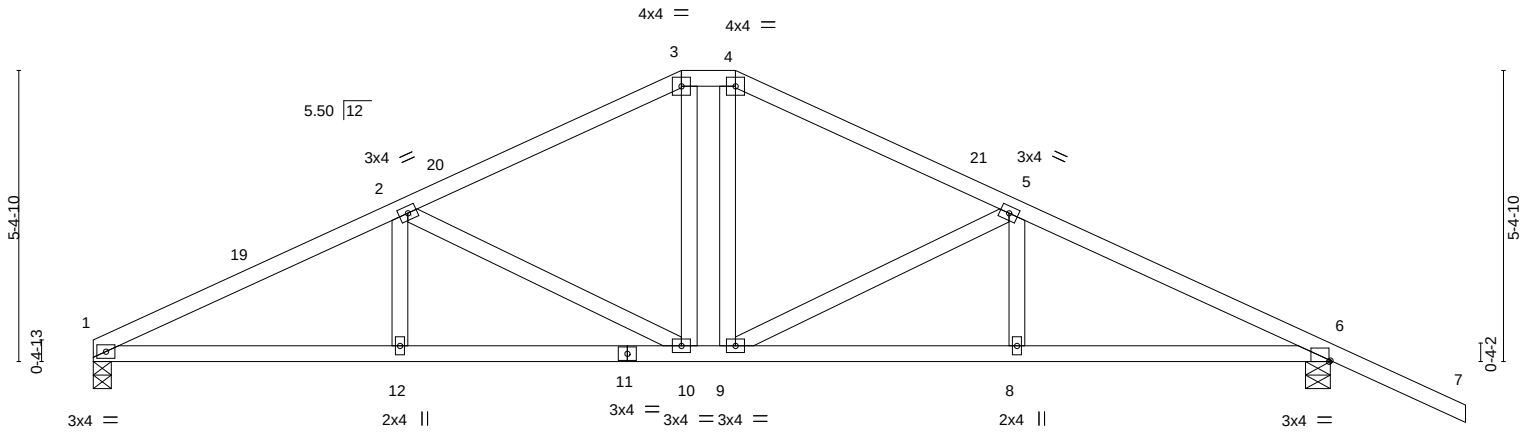
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	06B	Hip	1	1	T16796513
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:17 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-3hWLNabsk9DppmFjcXw0pPd866LF8dcMR8ojtyzQ8l8

5-8-1	10-10-8	11-10-8	17-0-15	22-10-8	25-4-8
5-8-1	5-2-7	1-0-0	5-2-7	5-9-9	2-6-0

Scale = 1:42.6



5-8-1	10-10-8	11-10-8	17-0-15	22-10-8
5-8-1	5-2-7	1-0-0	5-2-7	5-9-9

Plate Offsets (X,Y)-- [6:0-0-5,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	0.82	Vert(LL)	-0.06	8-9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.15	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.06	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	8-9	>999	240	Weight: 114 lb	FT = 10%

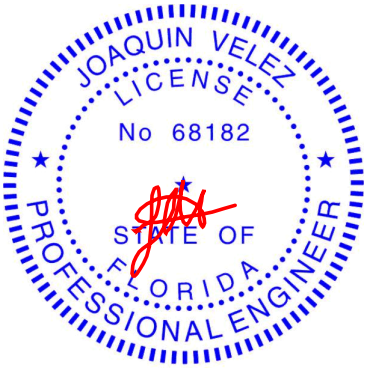
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-7-1 oc bracing.

REACTIONS. (lb/size) 1=1020/0-4-0, 6=1214/0-5-8
Max Horz 1=-191(LC 10)
Max Uplift 1=-448(LC 12), 6=-683(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1931/1036, 2-3=-1346/822, 3-4=-1155/808, 4-5=-1345/794, 5-6=-1907/1010
BOT CHORD 1-12=-754/1694, 10-12=-754/1694, 9-10=-397/1155, 8-9=-771/1669, 6-8=-771/1669
WEBS 2-10=-640/449, 3-10=-214/334, 4-9=-169/333, 5-9=-622/421

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 10-10-8, Exterior(2) 10-10-8 to 16-1-7, Interior(1) 16-1-7 to 25-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=448, 6=683.



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Date:
April 17,2019

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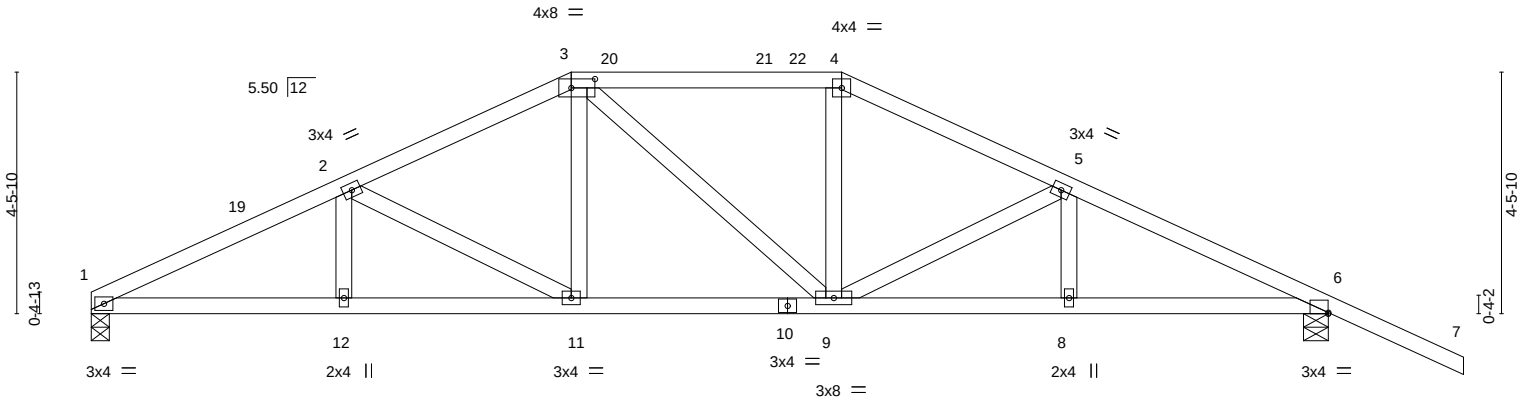
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	06C	Hip	1	1	T16796514
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:18 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-Xt4jawcUVTLgQvqwAERFLdAJsVhHt80VgoYGQOzQ8l7

4-8-1	8-10-8	13-10-8	18-0-15	22-10-8	25-4-8
4-8-1	4-2-7	5-0-0	4-2-7	4-9-9	2-6-0

Scale = 1:42.6



4-8-1	8-10-8	13-10-8	18-0-15	22-10-8
4-8-1	4-2-7	5-0-0	4-2-7	4-9-9

Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [6:0-0-1,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	0.82	Vert(LL)	-0.06	9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.45	Vert(CT)	-0.14	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.06	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	8-9	>999	240	Weight: 115 lb	FT = 10%

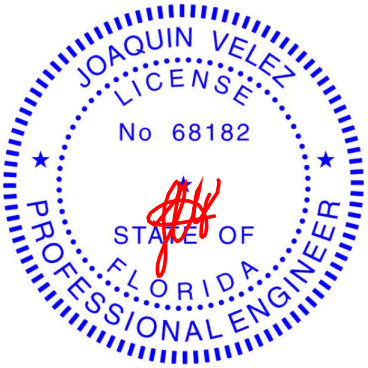
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-3-10 oc bracing.

REACTIONS. (lb/size) 1=1020/0-4-0, 6=1214/0-5-8
Max Horz 1=-163(LC 10)
Max Uplift 1=-448(LC 12), 6=-683(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1972/1118, 2-3=-1535/948, 3-4=-1345/947, 4-5=-1532/959, 5-6=-1938/1112
BOT CHORD 1-12=-842/1739, 11-12=-842/1739, 9-11=-557/1347, 8-9=-874/1704, 6-8=-874/1704
WEBS 2-11=-458/357, 3-11=-106/346, 4-9=-71/346, 5-9=-475/320

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 8-10-8, Exterior(2) 8-10-8 to 13-1-7, Interior(1) 13-1-7 to 13-10-8, Exterior(2) 13-10-8 to 18-0-15, Interior(1) 18-0-15 to 25-4-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=448, 6=683.



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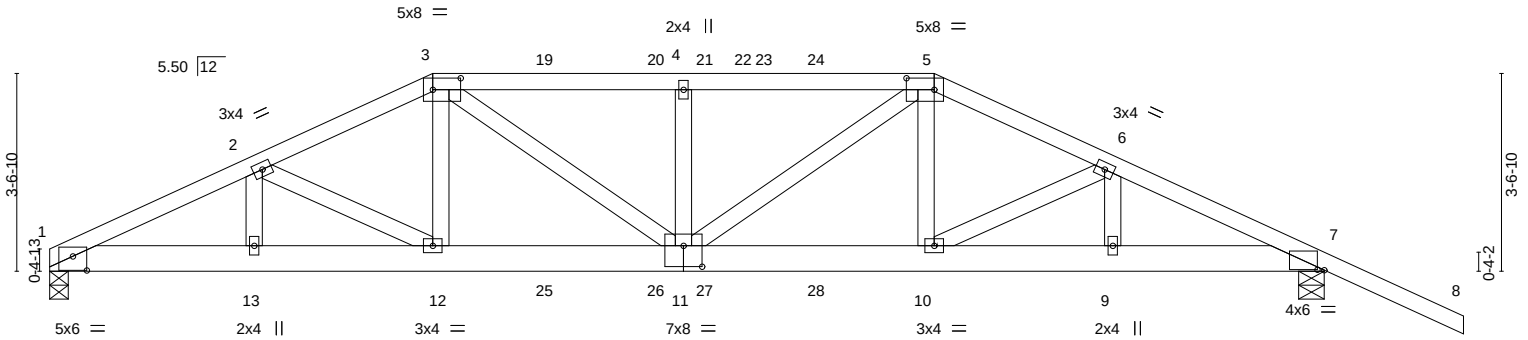
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796515
413220	06D	Hip Girder	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:19 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-?4e5nGd6GnTX23P6jyzUuqjTVvwNca9fvSHqyqzQ8l6

3-8-1	6-10-8	11-4-8	15-10-8	19-0-15	22-10-8	25-4-8
3-8-1	3-2-7	4-6-0	4-6-0	3-2-7	3-9-9	2-6-0

Scale = 1:41.4



3-8-1	6-10-8	11-4-8	15-10-8	19-0-15	22-10-8
3-8-1	3-2-7	4-6-0	4-6-0	3-2-7	3-9-9

Plate Offsets (X,Y)-- [1:0-3-0,0-3-0], [3:0-6-0,0-2-8], [5:0-6-0,0-2-8], [7:0-1-8,0-0-2], [11:0-4-0,0-4-8]

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	0.89	Vert(LL)	-0.15	11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.33	11	>821	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.20	Horz(CT)	0.09	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.23	11	>999	240	Weight: 135 lb	FT = 10%

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

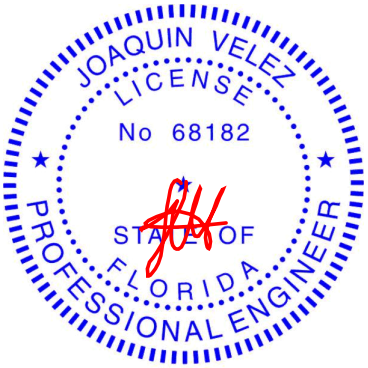
BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-11-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-10-0 oc bracing.

REACTIONS. (lb/size) 1=1923/0-4-0, 7=2107/0-5-8
Max Horz 1=-135(LC 6)
Max Uplift 1=-893(LC 8), 7=-1125(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-4116/1934, 2-3=-3915/1871, 3-4=-4228/2041, 4-5=-4228/2041, 5-6=-3919/1847, 6-7=-4098/1803
BOT CHORD 1-13=-1584/3711, 12-13=-1584/3711, 11-12=-1481/3556, 10-11=-1482/3561, 9-10=-1522/3694, 7-9=-1522/3694
WEBS 2-12=-389/332, 3-12=-155/720, 3-11=-390/874, 4-11=-747/620, 5-11=-389/863, 5-10=-125/727, 6-10=-321/166

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=893, 7=1125.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 242 lb down and 371 lb up at 6-10-8, 133 lb down and 193 lb up at 8-11-4, 133 lb down and 193 lb up at 10-11-4, 133 lb down and 193 lb up at 11-9-12, and 133 lb down and 193 lb up at 13-9-12, and 242 lb down and 371 lb up at 15-10-8 on top chord, and 422 lb down and 119 lb up at 6-10-8, 88 lb down at 8-11-4, 88 lb down at 10-11-4, 88 lb down at 11-9-12, and 88 lb down at 13-9-12, and 422 lb down and 119 lb up at 15-9-12 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: 1-3=-70, 3-5=-70, 5-8=-70, 7-14=-20



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Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

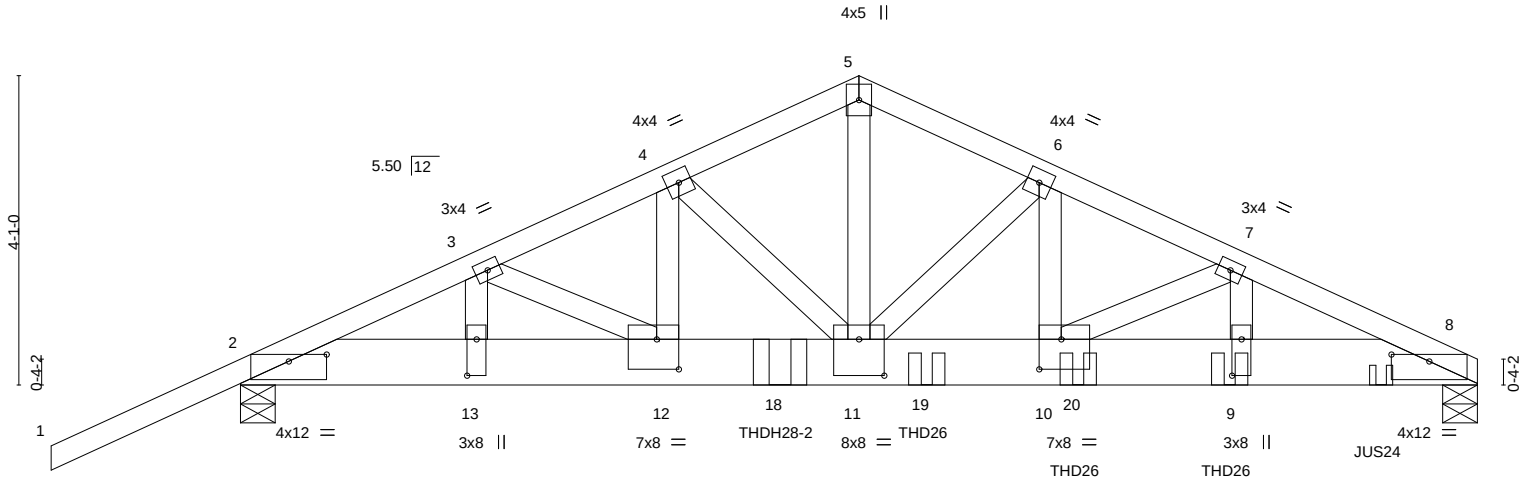
Vert: 3=-195(B) 5=-195(B) 12=-321(B) 10=-321(B) 19=-129(B) 20=-129(B) 21=-129(B) 24=-129(B) 25=-62(B) 26=-62(B) 27=-62(B) 28=-62(B)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	07A	Common Girder	1	2	T16796516
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:20 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-TGCT?cek14bOgDzIHfUjR2FhLJMDLv1o761NUHzQ8l5

-2-6-0	3-1-6	5-7-11	8-2-0	10-8-5	13-2-10	16-4-0
2-6-0	3-1-6	2-6-5	2-6-5	2-6-5	2-6-5	3-1-6

Scale = 1:30.4



3-1-6	5-7-11	8-2-0	10-8-5	13-2-10	16-4-0
3-1-6	2-6-5	2-6-5	2-6-5	2-6-5	3-1-6

Plate Offsets (X,Y)-- [2:0-6-0,0-1-2], [8:0-6-0,0-1-2], [9:0-5-12,0-1-8], [10:0-3-8,0-4-12], [11:0-4-0,0-5-12], [12:0-3-8,0-4-12], [13:0-5-12,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.70	Vert(LL)	0.15	10-11	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.22	10-11	>863	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.73	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 223 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP DSS
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 9-8-5 oc bracing.

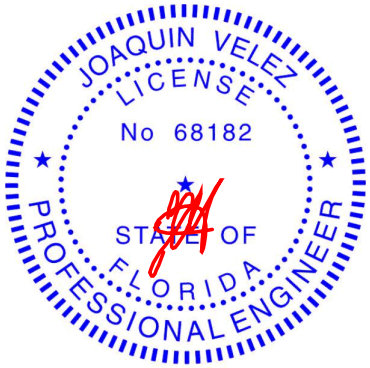
REACTIONS. (lb/size) 8=5891/0-5-8, 2=4245/0-5-8
Max Horz 2=152(LC 7)
Max Uplift 8=-2691(LC 8), 2=-2121(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-8295/3669, 3-4=-9014/4144, 4-5=-8112/3793, 5-6=-8114/3794, 6-7=-10330/4766, 7-8=-11656/5343
BOT CHORD 2-13=-3264/7487, 12-13=-3264/7487, 11-12=-3652/8172, 10-11=-4221/9378, 9-10=-4786/10537, 8-9=-4786/10537
WEBS 5-11=-3000/6490, 6-11=-2821/1337, 6-10=-1203/2716, 7-10=-1319/636, 7-9=-496/1119, 4-11=-1137/542, 4-12=-423/1018, 3-12=-463/792, 3-13=-734/474

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-3-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 6-10 2x4 - 1 row at 0-8-0 oc, member 7-9 2x4 - 2 rows staggered at 0-3-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=2691, 2=2121.
8) Use USP THDH28-2 (With 36-16d nails into Girder & 10-16d nails into Truss) or equivalent at 7-1-8 from the left end to connect truss(es) to back face of bottom chord.
9) Use USP THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 9-0-12 from the left end to 13-0-12 to connect truss(es) to back face of bottom chord.
10) Use USP JUS24 (With 4-10d nails into Girder & 4-10d nails into Truss) or equivalent at 15-0-12 from the left end to connect truss(es) to back face of bottom chord.
11) Fill all nail holes where hanger is in contact with lumber.

Continued on page 2

LOAD CASE(S) Standard



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LOAD CASE(S) Standard

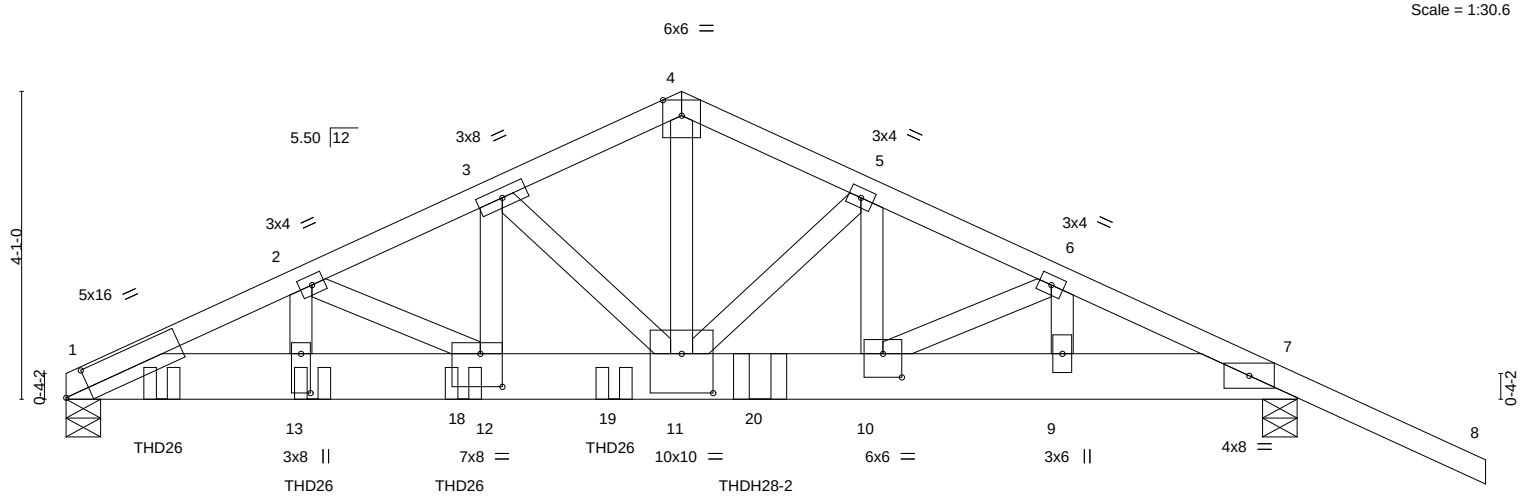
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-5=-70, 5-8=-70, 2-8=-20
   Concentrated Loads (lb)
   Vert: 9=-1627(B) 15=-534(B) 18=-3100(B) 19=-1627(B) 20=-1627(B)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	07B	Common Girder	1	2	T16796517
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:21 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-xSmsCyeMnOjFHNYVrN?yzFotsjg44JFxMmmx0jzQ8l4

3-1-6	5-7-11	8-2-0	10-8-5	13-2-10	16-4-0	18-10-0
3-1-6	2-6-5	2-6-5	2-6-5	2-6-5	3-1-6	2-6-0

Scale = 1:30.6



3-1-6	5-7-11	8-2-0	10-8-5	13-2-10	16-4-0
3-1-6	2-6-5	2-6-5	2-6-5	2-6-5	3-1-6

Plate Offsets (X,Y)-- [1:0-3-15,0-3-0], [10:0-3-0,0-3-12], [11:0-5-0,0-6-4], [12:0-3-8,0-5-4], [13:0-6-4,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	0.17	11-12	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.25	11-12	>758	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.93	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 223 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP M 31 *Except*
4-8: 2x4 SP No.2
BOT CHORD 2x8 SP DSS
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-5-9 oc bracing.

REACTIONS. (lb/size) 1=8392/0-5-8, 7=5205/0-5-8
Max Horz 1=-152(LC 6)
Max Uplift 1=-3818(LC 8), 7=-2533(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-15384/7009, 2-3=-13057/5963, 3-4=-10220/4704, 4-5=-10222/4705, 5-6=-11303/5126, 6-7=-10366/4563
BOT CHORD 1-13=-6194/13946, 12-13=-6194/13946, 11-12=-5195/11858, 10-11=-4429/10252, 9-10=-3964/9363, 7-9=-3964/9363
WEBS 4-11=-3742/8209, 5-11=-1354/626, 5-10=-519/1263, 6-10=-565/1022, 6-9=-915/548, 3-11=-3597/1696, 3-12=-1582/3537, 2-12=-2363/1125, 2-13=-884/1986

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-2-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 3-12 2x4 - 1 row at 0-5-0 oc, member 2-13 2x4 - 2 rows staggered at 0-2-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=3818, 7=2533.
8) Use USP THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-3-4 from the left end to 7-3-4 to connect truss(es) to back face of bottom chord.
9) Use USP THDH28-2 (With 36-16d nails into Girder & 10-16d nails into Truss) or equivalent at 9-2-8 from the left end to connect truss(es) to back face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard

Continued on page 2

JOAQUIN VELEZ LICENSE No 68182 STATE OF FLORIDA PROFESSIONAL ENGINEER

Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-70, 4-8=-70, 1-7=-20
   Concentrated Loads (lb)
   Vert: 13=-1987(B) 15=-1987(B) 18=-1987(B) 19=-1987(B) 20=-4028(B)

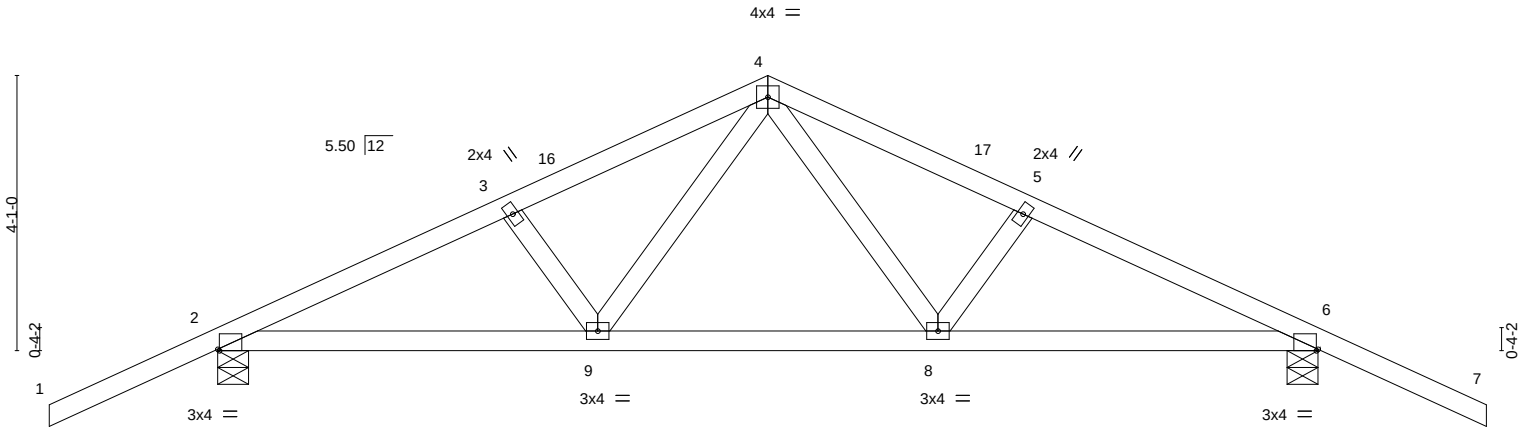
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	07C	Common	10	1	T16796518
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:22 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-PfKEQIf?Yir6vX7hP4WBWTL_s74rpzf5bQWUZ9zQ8l3

-2-6-0	4-4-9	8-2-0	11-11-7	16-4-0	18-10-0
2-6-0	4-4-9	3-9-7	3-9-7	4-4-9	2-6-0

Scale = 1:34.2



5-7-11	10-8-5	16-4-0
5-7-11	5-0-10	5-7-11

Plate Offsets (X,Y)-- [2:0-0-5,Edge], [6:0-0-5,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	0.82	Vert(LL)	-0.03	8-9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.35	Vert(CT)	-0.08	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.05	8-9	>999	240	Weight: 79 lb	FT = 10%

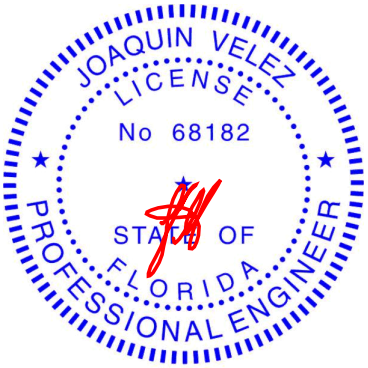
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-0-11 oc bracing.

REACTIONS. (lb/size) 2=910/0-5-8, 6=910/0-5-8
Max Horz 2=151(LC 11)
Max Uplift 2=-538(LC 12), 6=-538(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1244/606, 3-4=-1096/577, 4-5=-1096/576, 5-6=-1244/605
BOT CHORD 2-9=-348/1080, 8-9=-166/742, 6-8=-418/1080
WEBS 4-8=-190/415, 5-8=-271/262, 4-9=-190/415, 3-9=-271/262

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-7-1, Interior(1) 0-7-1 to 8-2-0, Exterior(2) 8-2-0 to 11-2-0, Interior(1) 11-2-0 to 18-10-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 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) except (jt=lb) 2=538, 6=538.



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April 17,2019

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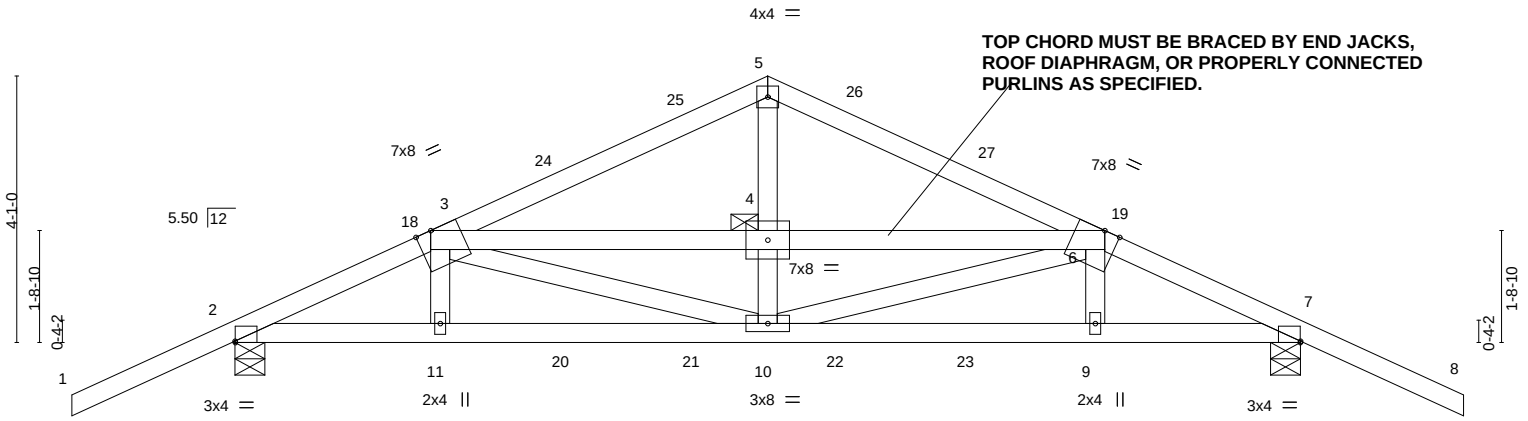
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	07D	Hip Girder	2	1	T16796519
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:23 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-trucdegdJ?zzXhityo1Q2gtCkWNgYO6Ep4F15bzQ8l2

-2-6-0	3-0-0	8-2-0	13-4-0	16-4-0	18-10-0
2-6-0	3-0-0	5-2-0	5-2-0	3-0-0	2-6-0

Scale = 1:35.3



3-0-0	8-2-0	13-4-0	16-4-0
3-0-0	5-2-0	5-2-0	3-0-0

Plate Offsets (X,Y)-- [2:0-0-1,Edge], [3:0-3-0,Edge], [6:0-3-0,Edge], [7:0-0-1,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	0.62	Vert(LL)	-0.09	10-11	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.13	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.20	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 97 lb	FT = 10%

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

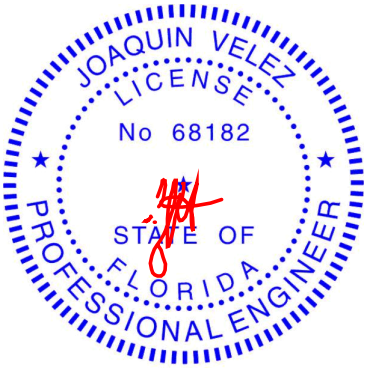
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-0-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 8-10-6 oc bracing.
JOINTS 1 Brace at Jt(s): 4

REACTIONS. (lb/size) 2=762/0-5-8, 7=762/0-5-8
Max Horz 2=151(LC 7)
Max Uplift 2=-623(LC 8), 7=-623(LC 8)
Max Grav 2=1138(LC 36), 7=1138(LC 37)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2059/610, 3-4=-719/245, 4-6=-719/245, 6-7=-2059/610, 3-5=-960/369, 5-6=-960/369
BOT CHORD 2-11=-399/1948, 10-11=-413/1910, 9-10=-413/1846, 7-9=-399/1872
WEBS 3-11=-73/330, 3-10=-432/146, 4-10=-20/530, 6-10=-435/145, 6-9=-73/330, 4-5=-40/544

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=623, 7=623.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 272 lb down and 177 lb up at 3-0-0, 44 lb down and 52 lb up at 3-4-3, 44 lb down and 52 lb up at 5-0-12, 44 lb down and 52 lb up at 7-0-12, 44 lb down and 44 lb up at 8-2-0, 44 lb down and 52 lb up at 9-3-4, 44 lb down and 52 lb up at 11-3-4, and 44 lb down and 52 lb up at 12-11-13, and 272 lb down and 177 lb up at 13-4-0 on top chord, and 206 lb down and 102 lb up at 3-0-0, 52 lb down and 8 lb up at 5-0-12, 52 lb down and 8 lb up at 7-0-12, 52 lb down and 8 lb up at 8-2-0, 52 lb down and 8 lb up at 9-3-4, and 52 lb down and 8 lb up at 11-3-4 , and 206 lb down and 102 lb up at 13-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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



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Date:
April 17,2019

Continued on page 2

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-70, 6-8=-70, 12-15=-20, 3-5=-70, 5-6=-70

Concentrated Loads (lb)

Vert: 11=54(F) 10=8(F) 9=54(F) 18=74(F) 19=74(F) 20=8(F) 21=8(F) 22=8(F) 23=8(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	08A	Half Hip Girder	1	2	T16796520
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:24 2019 Page 1
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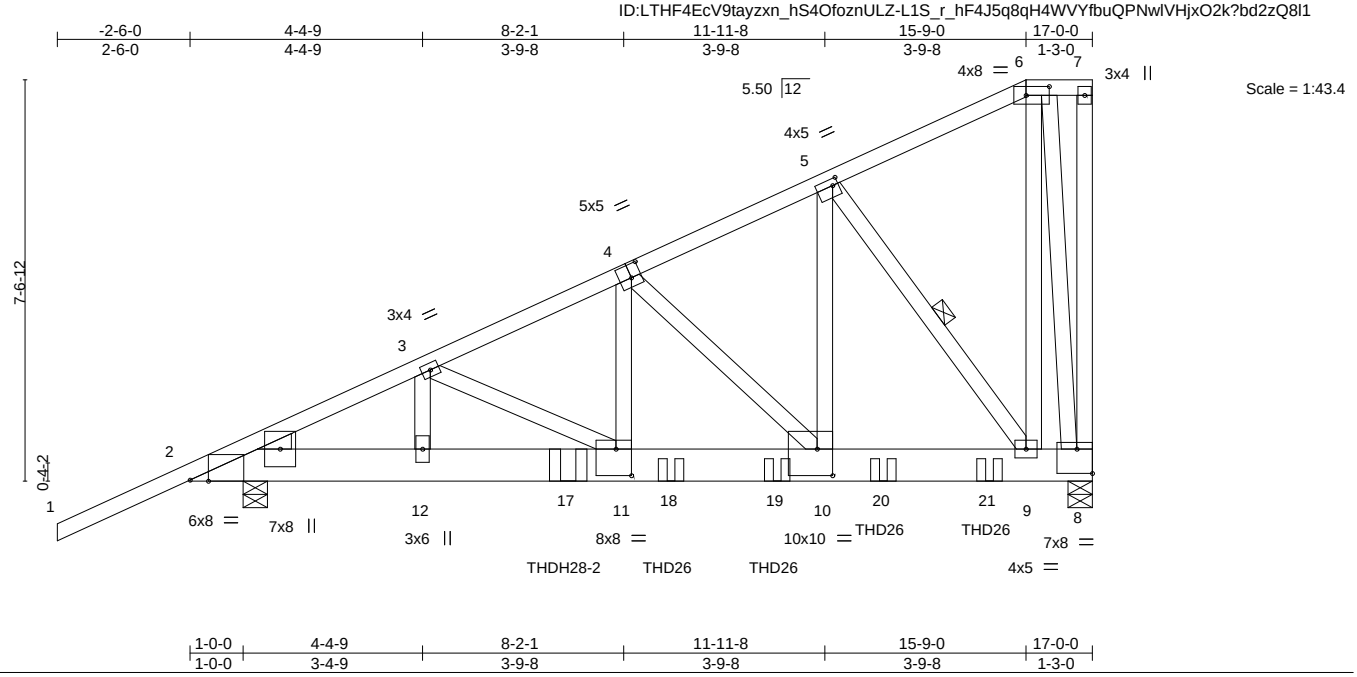


Plate Offsets (X,Y)-- [2:0-4-2,Edge], [4:0-2-4,0-3-0], [5:0-1-4,0-1-8], [6:0-5-4,0-2-0], [8:Edge,0-5-8], [10:0-3-8,0-6-0], [11:0-3-8,0-6-0]

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	0.50	Vert(LL)	0.13	11-12	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.18	11-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.74	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 303 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x8 SP DSS
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

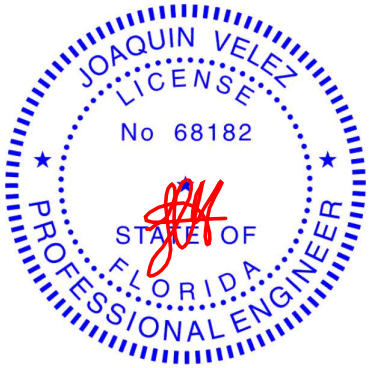
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-9

REACTIONS. (lb/size) 8=5718/0-5-8, 2=4686/0-5-8
Max Horz 2=564(LC 18)
Max Uplift 8=-3077(LC 5), 2=-2466(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-7008/3321, 3-4=-7873/3946, 4-5=-4783/2521, 5-6=-730/459
BOT CHORD 2-12=-3347/6280, 11-12=-3347/6280, 10-11=-3664/7043, 9-10=-2325/4300, 8-9=-493/634
WEBS 3-12=-847/603, 3-11=-583/949, 4-11=-1780/3713, 4-10=-3858/1922, 5-10=-3352/6547, 5-9=-6340/3356, 6-9=-2285/4034, 6-8=-3934/2133

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=3077, 2=2466.
8) Use USP THDH28-2 (With 36-16d nails into Girder & 10-16d nails into Truss) or equivalent at 7-1-8 from the left end to connect truss(es) to front face of bottom chord.
9) Use USP THD26 (With 18-16d nails into Girder & 12-10d x 1-1/2 nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 9-0-12 from the left end to 15-0-12 to connect truss(es) to front face of bottom chord.
10) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard



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Continued on page 2

MiTek
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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-6=-70, 6-7=-70, 2-8=-20
   Concentrated Loads (lb)
   Vert: 17=-2789(F) 18=-1627(F) 19=-1627(F) 20=-1627(F) 21=-1041(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	08B	Half Hip	1	1	T16796521
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:25 2019 Page 1

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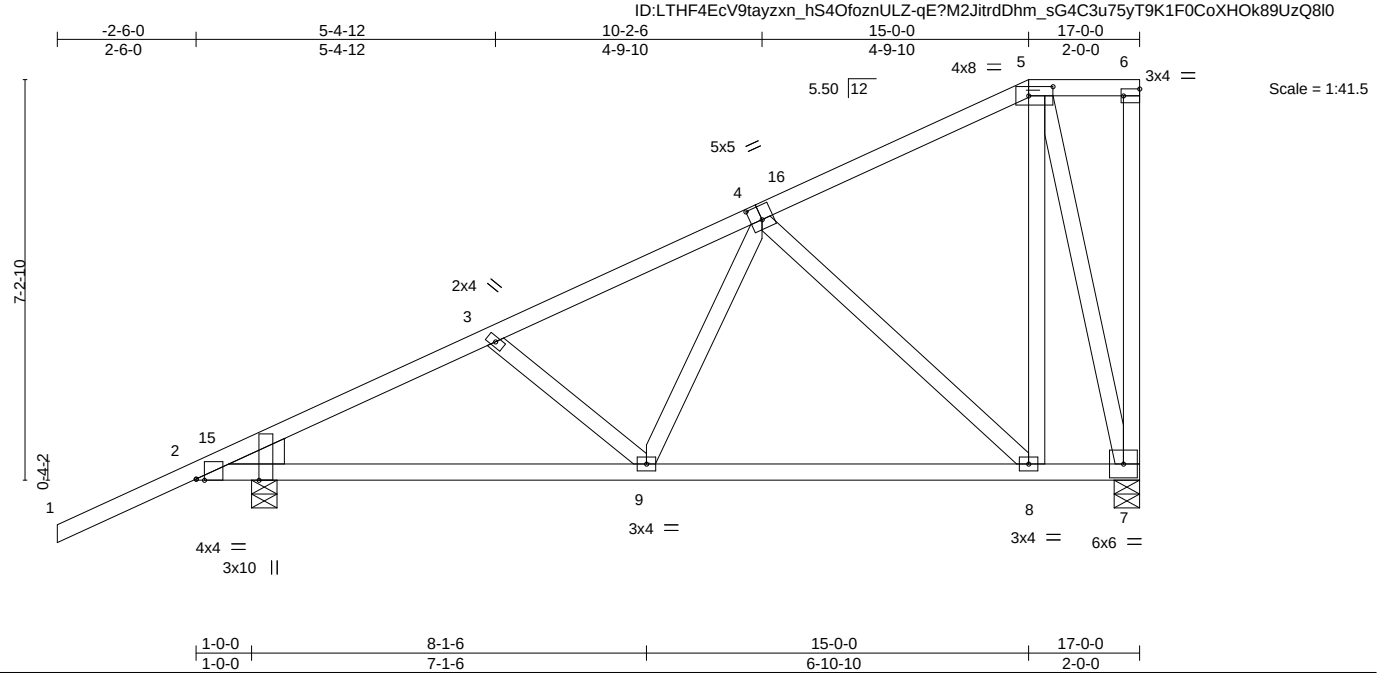


Plate Offsets (X,Y)-- [2:0-0-4,Edge], [2:0-1-13,Edge], [4:0-2-8,0-3-0], [5:0-5-4,0-2-0], [6:Edge,0-1-8]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.95	Vert(LL)	-0.05	8-9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.13	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	-0.09	9-14	>999	240	Weight: 111 lb	FT = 10%

LUMBER-

TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x6 SP No.2

BRACING-

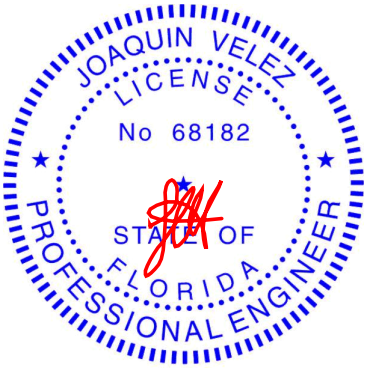
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-3 oc bracing.

REACTIONS. (lb/size) 7=686/0-5-8, 2=1006/0-5-8
Max Horz 2=545(LC 11)
Max Uplift 7=-342(LC 9), 2=-583(LC 12)
Max Grav 7=690(LC 17), 2=1006(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1013/325, 3-4=-879/290, 4-5=-398/279
BOT CHORD 2-9=-776/1005, 8-9=-607/750, 7-8=-284/350
WEBS 4-9=-36/330, 4-8=-570/448, 5-8=-272/610, 5-7=-727/554

NOTES-

1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 15-0-0, Exterior(2) 15-0-0 to 16-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) except (jt=lb) 7=342, 2=583.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	08C	Half Hip	1	1	T16796522
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:25 2019 Page 1
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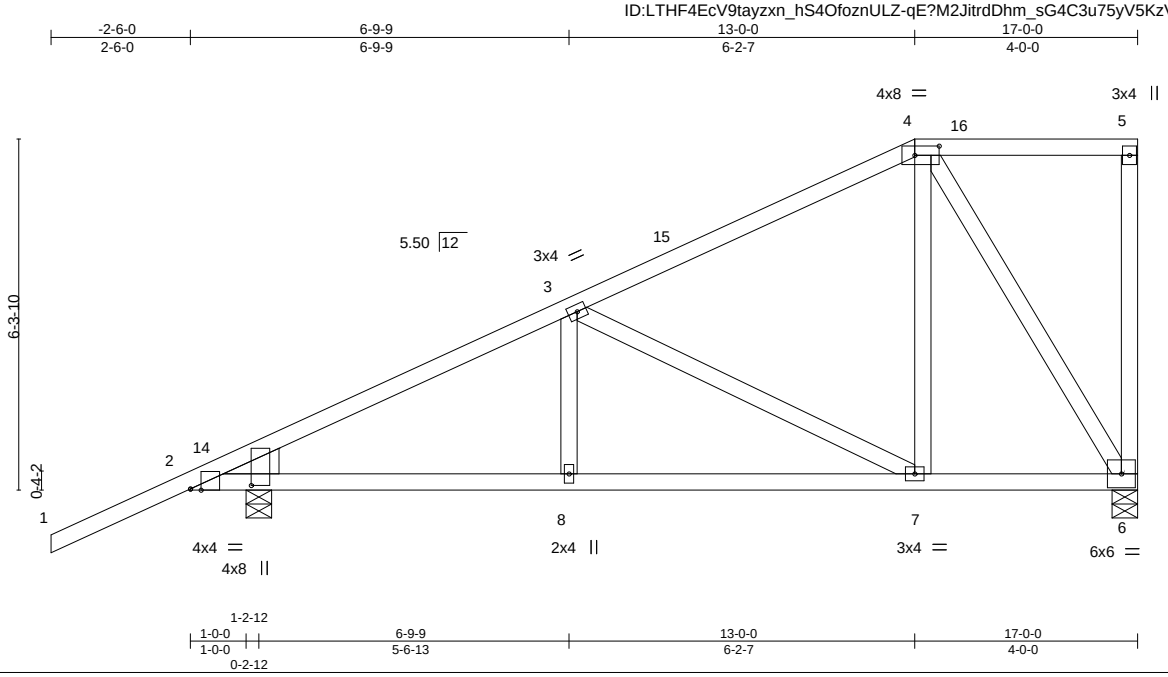


Plate Offsets (X,Y)-- [2:0-0-12,1-1-1], [2:0-2-5,Edge], [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.05	7-8	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.14	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	7-8	>999	240	Weight: 100 lb	FT = 10%

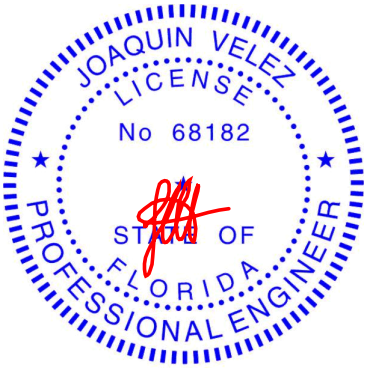
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-5-10 oc bracing.

REACTIONS. (lb/size) 6=686/0-5-8, 2=1006/0-5-8
Max Horz 2=477(LC 11)
Max Uplift 6=-375(LC 9), 2=-588(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-977/319, 3-4=-530/312
BOT CHORD 2-8=-771/974, 7-8=-771/974, 6-7=-420/511
WEBS 3-7=-555/394, 4-7=-96/422, 4-6=-684/549

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 13-0-0, Exterior(2) 13-0-0 to 16-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) except (jt=lb) 6=375, 2=588.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	08D	Half Hip	1	1	T16796523
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:26 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-IQZlFfiVcwLYO8RSewb7gJVgrkJoleOhW2UhiwzQ8l?

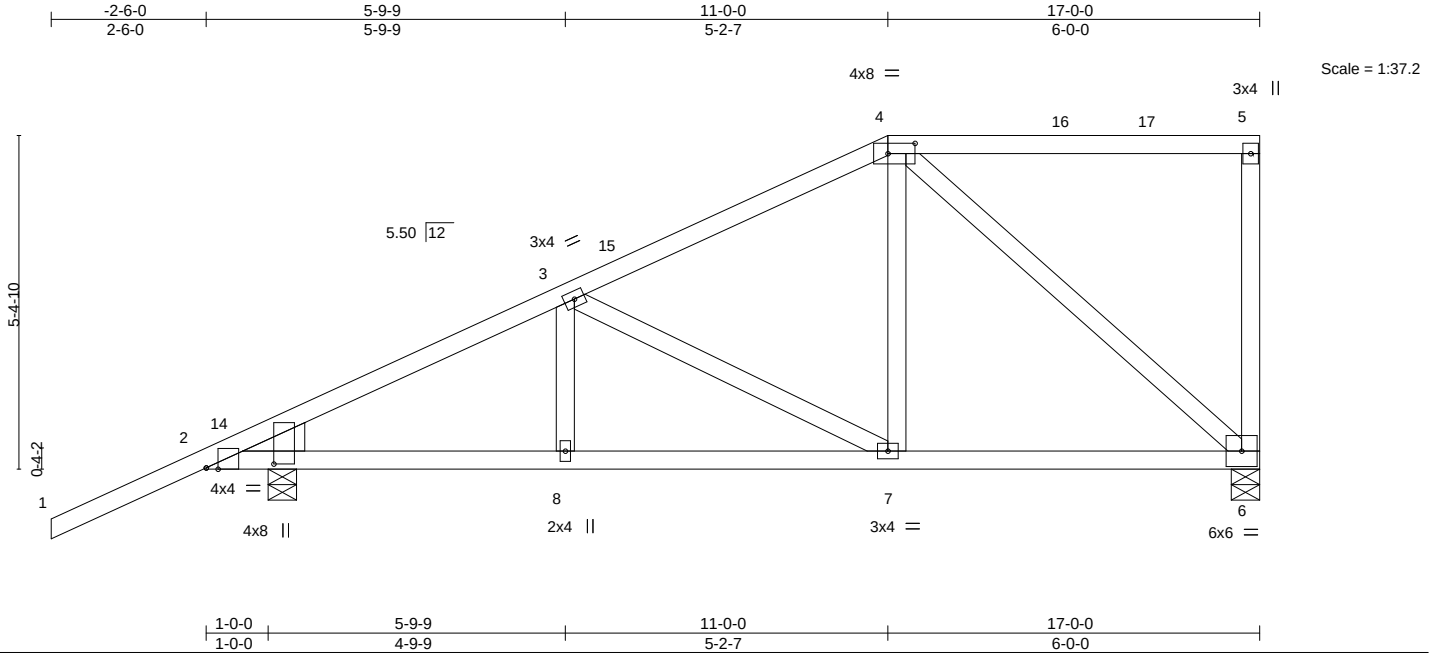


Plate Offsets (X,Y)-- [2:0-0-12,1-1-1], [2:0-2-5,Edge], [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.05	7-8	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.86	Vert(CT)	-0.11	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.08	7-8	>999	240	Weight: 96 lb	FT = 10%

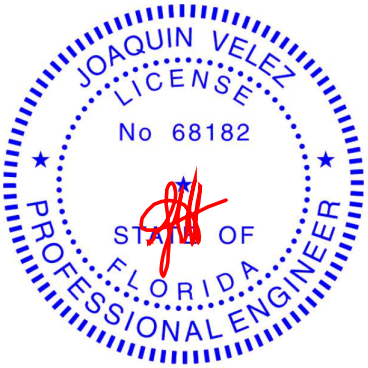
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-4-0 oc bracing.

REACTIONS. (lb/size) 6=686/0-5-8, 2=1006/0-5-8
Max Horz 2=410(LC 11)
Max Uplift 6=-402(LC 9), 2=-592(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-957/357, 3-4=-650/364
BOT CHORD 2-8=-772/943, 7-8=-772/943, 6-7=-522/648
WEBS 3-7=-384/281, 4-7=-54/376, 4-6=-681/540

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 11-0-0, Exterior(2) 11-0-0 to 15-2-15, Interior(1) 15-2-15 to 16-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) except (jt=lb) 6=402, 2=592.



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Date:
April 17,2019

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6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	08E	Half Hip	1	1	T16796524
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:27 2019 Page 1
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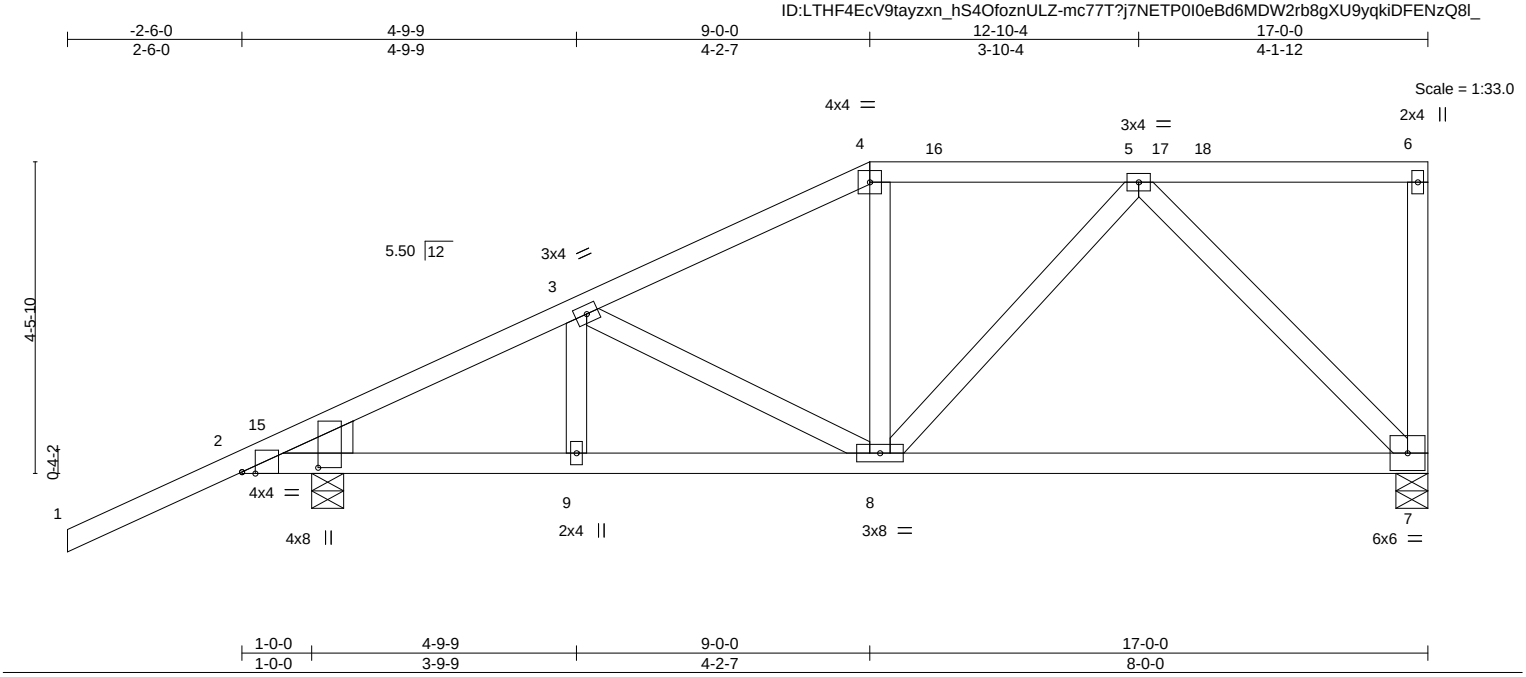


Plate Offsets (X,Y)-- [2:0-2-5,Edge], [2:0-0-12,1-1-1]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.10	7-8	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.20	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.07	8-9	>999	240	Weight: 96 lb	FT = 10%

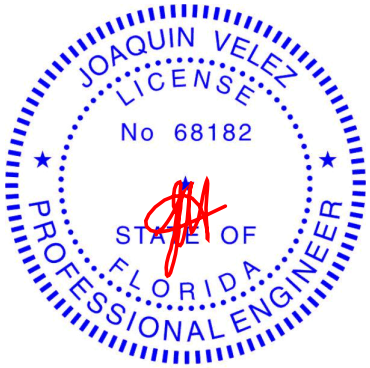
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-4-3 oc bracing.

REACTIONS. (lb/size) 7=686/0-5-8, 2=1006/0-5-8
Max Horz 2=343(LC 11)
Max Uplift 7=-424(LC 9), 2=-596(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-917/425, 3-4=-774/387, 4-5=-700/409
BOT CHORD 2-9=-749/878, 8-9=-749/878, 7-8=-467/551
WEBS 5-8=-164/300, 5-7=-689/556

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 9-0-0, Exterior(2) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 16-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) except (jt=lb) 7=424, 2=596.



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April 17,2019

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Tampa, FL 36610

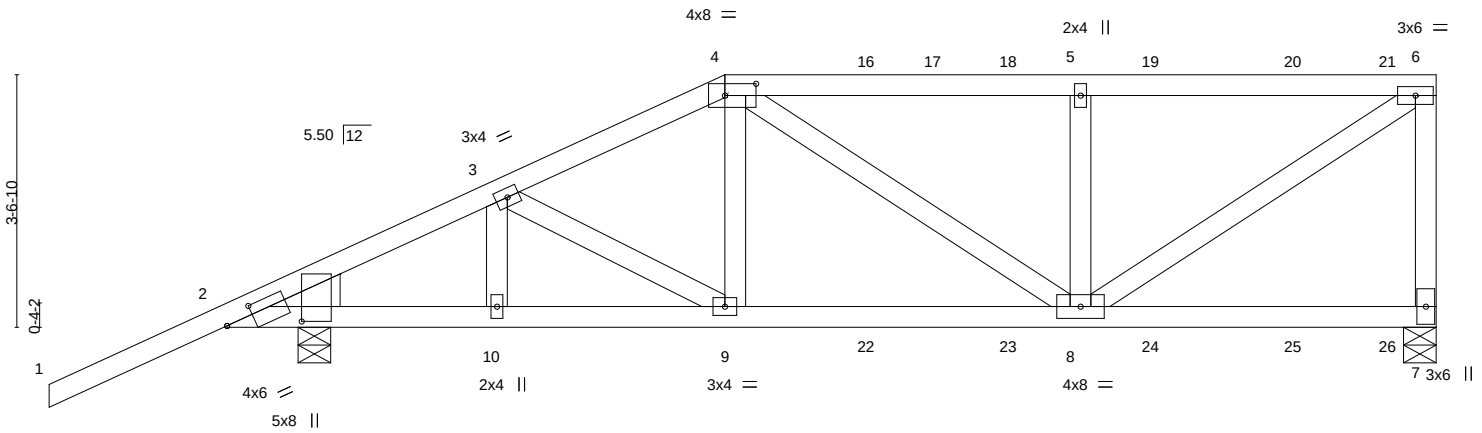
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	08F	Half Hip Girder	1	1	T16796525
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:28 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-EphVgLkl8YbFdSbrlLdblka0kX3YDawzzMzolpzQ8kz

-2-6-0	3-9-9	7-0-0	12-0-0	17-0-0
2-6-0	3-9-9	3-2-7	5-0-0	5-0-0

Scale = 1:32.4



1-0-0	1-2-12	3-9-9	7-0-0	12-0-0	17-0-0
1-0-0	0-2-12	2-6-13	3-2-7	5-0-0	5-0-0

Plate Offsets (X,Y)-- [2:0-0-12,1-0-9], [2:0-4-11,0-1-9], [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.80	Vert(LL)	-0.04	9-10	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.09	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.55	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.07	9-10	>999	240	Weight: 95 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP M 31 *Except*
4-6: 2x4 SP No.2
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.2
WEDGE
Left: 2x6 SP No.2

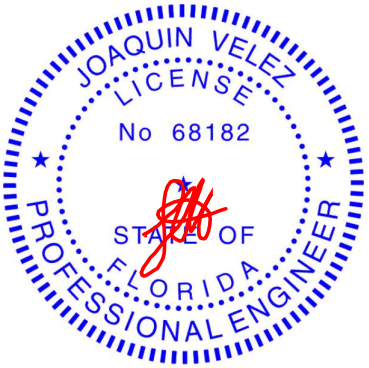
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-1-10 oc bracing.

REACTIONS. (lb/size) 7=1487/0-5-8, 2=1635/0-5-8
Max Horz 2=275(LC 7)
Max Uplift 7=-778(LC 5), 2=-975(LC 8)
Max Grav 7=1487(LC 1), 2=1646(LC 36)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1114/765, 3-4=-1580/856, 4-5=-1494/805, 5-6=-1494/805, 6-7=-1332/834
BOT CHORD 2-10=-752/1008, 9-10=-752/1008, 8-9=-912/1469
WEBS 3-10=-393/296, 3-9=-495/704, 4-9=-83/390, 5-8=-766/672, 6-8=-958/1738

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=778, 2=975.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 240 lb down and 122 lb up at -2-6-0, 252 lb down and 377 lb up at 7-0-0, 133 lb down and 193 lb up at 9-0-12, 133 lb down and 193 lb up at 11-0-12, 133 lb down and 193 lb up at 13-0-12, and 133 lb down and 193 lb up at 15-0-12, and 148 lb down and 185 lb up at 16-4-12 on top chord, and 272 lb down and 113 lb up at 7-0-0, 88 lb down at 9-0-12, 88 lb down at 11-0-12, 88 lb down at 13-0-12, and 88 lb down at 15-0-12, and 99 lb down at 16-4-12 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



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MiTek USA, Inc. FL Cert 6634
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April 17,2019

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-4=-70, 4-6=-70, 7-11=-20

Concentrated Loads (lb)

Vert: 1=-186(B) 4=-205(B) 9=-62(B) 16=-129(B) 18=-129(B) 19=-129(B) 20=-129(B) 21=-148(B) 22=-62(B) 23=-62(B) 24=-62(B) 25=-62(B) 26=-67(B)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	09A	Common	1	1	T16796526
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:28 2019 Page 1
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-2-6-0	4-3-4	8-3-0	12-2-12	16-6-0	19-0-0
2-6-0	4-3-4	3-11-12	3-11-12	4-3-4	2-6-0

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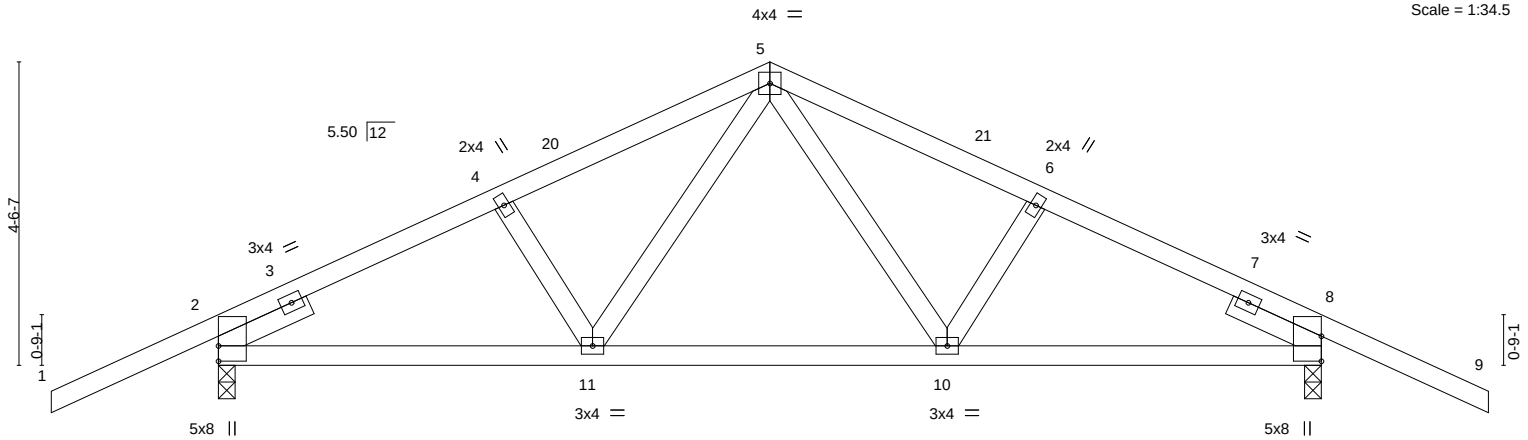


5-7-3	10-10-13	16-6-0
5-7-3	5-3-11	5-7-3

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.05	10-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.12	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.08	10-11	>999	240	Weight: 86 lb	FT = 10%

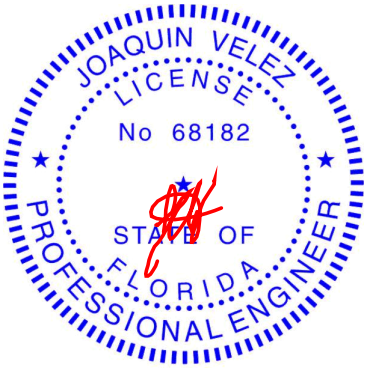
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0, Right 2x4 SP No.2 1-6-0

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-9-0 oc bracing.

REACTIONS. (lb/size) 2=918/0-3-0, 8=917/0-3-0
Max Horz 2=-152(LC 10)
Max Uplift 2=-541(LC 12), 8=-541(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-1046/538, 4-5=-929/529, 5-6=-929/528, 6-8=-1046/538
BOT CHORD 2-11=-279/894, 10-11=-157/676, 8-10=-347/886
WEBS 5-10=-141/305, 5-11=-141/305

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-4-10, Interior(1) 0-4-10 to 8-3-0, Exterior(2) 8-3-0 to 11-3-0, Interior(1) 11-3-0 to 19-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) except (jt=lb) 2=541, 8=541.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	09B	Hip Girder	1	1	T16796527
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:30 2019 Page 1
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-2-6-0	3-0-1	8-3-0	13-5-15	16-6-0	19-0-0
2-6-0	3-0-1	5-2-15	5-2-15	3-0-1	2-6-0

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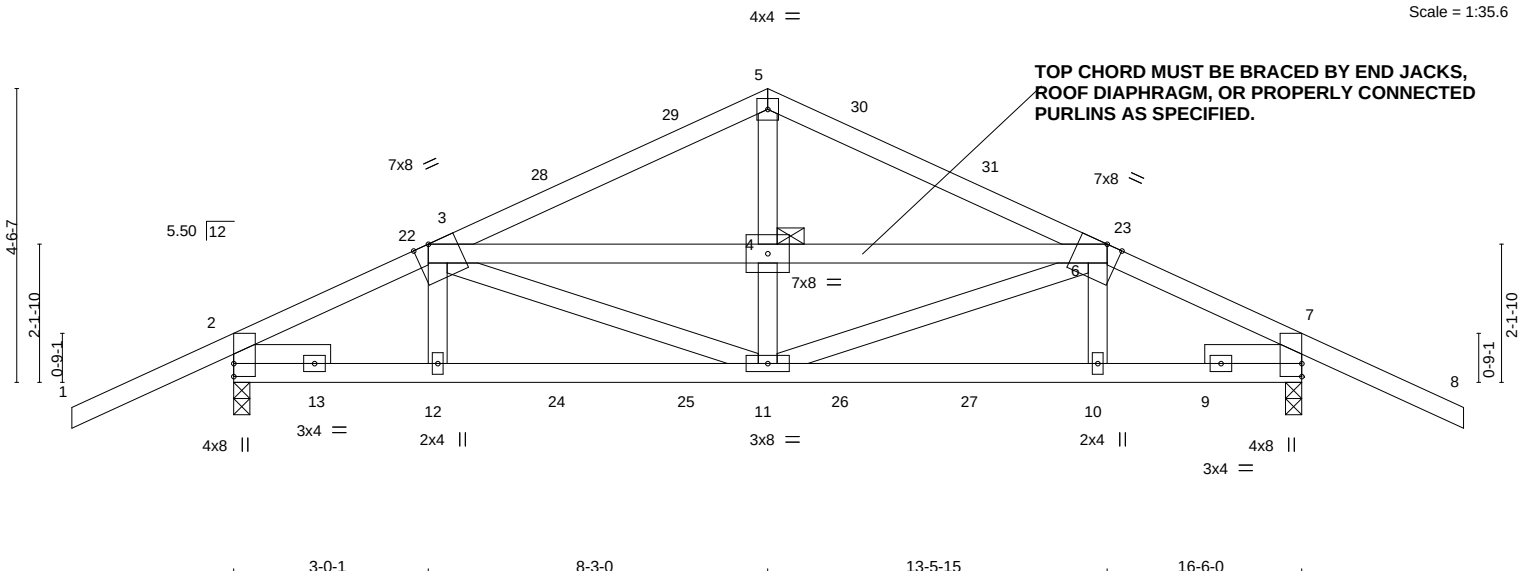


3-0-1	8-3-0	13-5-15	16-6-0
3-0-1	5-2-15	5-2-15	3-0-1

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.06	11-12	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.11	11-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.09	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 105 lb	FT = 10%

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

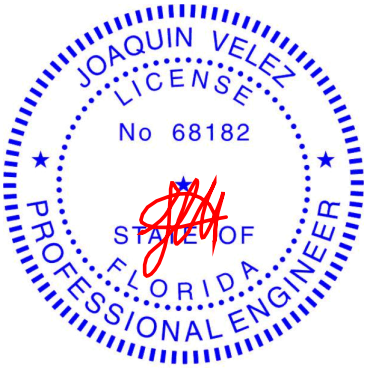
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 4

REACTIONS. (lb/size) 2=777/0-3-0, 7=777/0-3-0
Max Horz 2=-152(LC 6)
Max Uplift 2=-635(LC 8), 7=-635(LC 8)
Max Grav 2=1067(LC 36), 7=1067(LC 37)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1433/516, 3-4=-515/225, 4-6=-515/225, 6-7=-1433/516, 3-5=-813/363, 5-6=-813/363
BOT CHORD 2-12=-312/1341, 11-12=-330/1345, 10-11=-330/1276, 7-10=-312/1272
WEBS 4-11=-3/359, 4-5=-23/376

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=635, 7=635.
7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 280 lb down and 204 lb up at 3-0-0, 44 lb down and 58 lb up at 3-4-4, 44 lb down and 58 lb up at 5-0-12, 44 lb down and 58 lb up at 7-0-12, 44 lb down and 50 lb up at 8-3-0, 44 lb down and 58 lb up at 9-5-4, 44 lb down and 58 lb up at 11-5-4, and 44 lb down and 58 lb up at 13-1-12, and 280 lb down and 204 lb up at 13-6-0 on top chord, and 133 lb down and 75 lb up at 3-0-0, 34 lb down and 6 lb up at 5-0-12, 34 lb down and 6 lb up at 7-0-12, 34 lb down and 6 lb up at 8-3-0, 34 lb down and 6 lb up at 9-5-4, and 34 lb down and 6 lb up at 11-5-4, and 133 lb down and 75 lb up at 13-5-2 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard



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Date:
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Continued on page 2

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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-70, 6-8=-70, 14-18=-20, 3-5=-70, 5-6=-70
   Concentrated Loads (lb)
   Vert: 12=41(F) 11=6(F) 10=41(F) 22=85(F) 23=85(F) 24=6(F) 25=6(F) 26=6(F) 27=6(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	10A	Half Hip	1	1	T16796528
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:31 2019 Page 1

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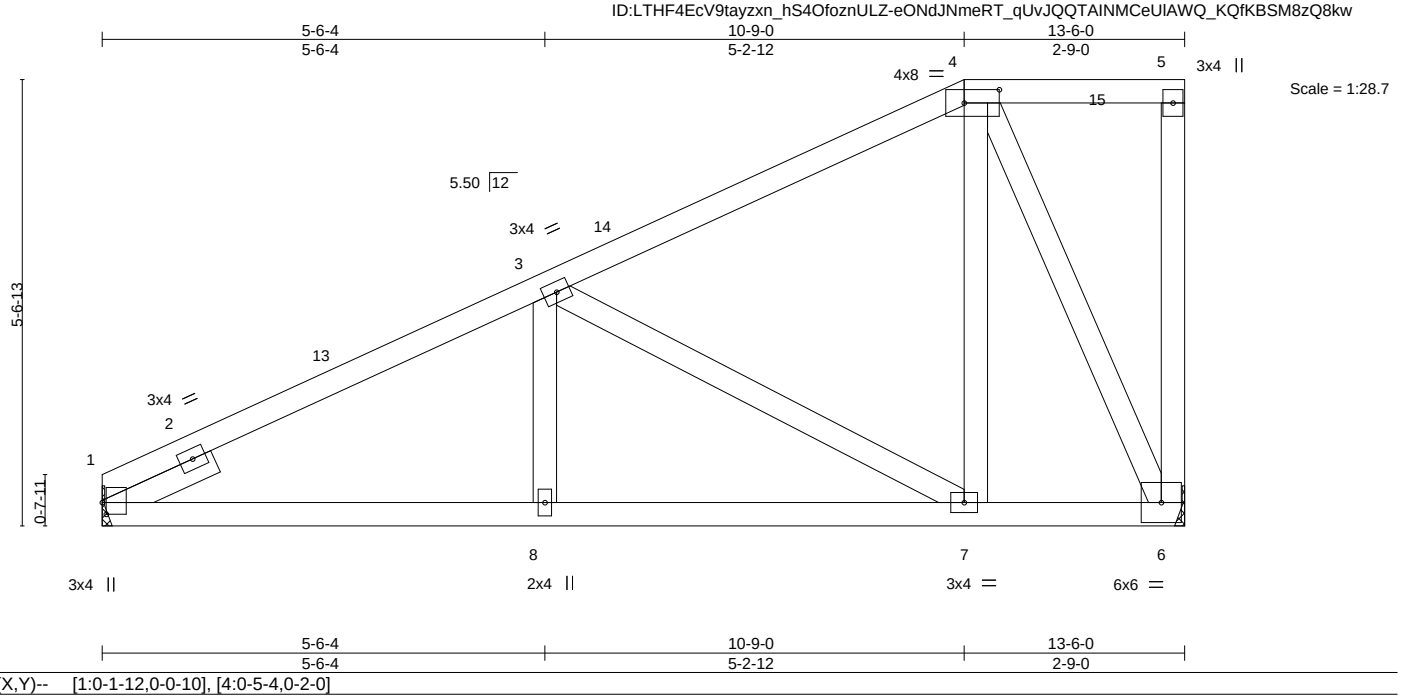


Plate Offsets (X,Y)-- [1:0-1-12,0-0-10], [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.38	Vert(LL)	-0.02	7-8	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	-0.05	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.38	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.03	8-11	>999	240	Weight: 79 lb	FT = 10%

LUMBER-

TOP CHORD	2x4 SP No.2
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, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-8-9 oc bracing.

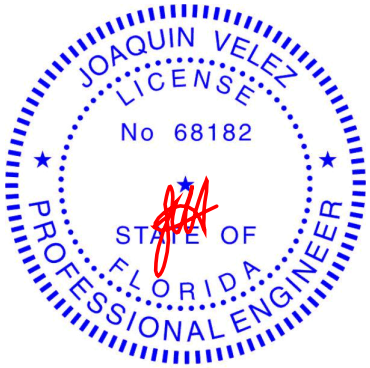
REACTIONS. (lb/size) 1=601/Mechanical, 6=601/Mechanical
Max Horz 1=381(LC 11)
Max Uplift 1=-256(LC 12), 6=-311(LC 9)

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

TOP CHORD	1-3=-844/503, 3-4=-416/284
BOT CHORD	1-8=-759/920, 7-8=-759/920, 6-7=-350/400
WEBS	3-7=-600/467, 4-7=-171/394, 4-6=-610/534

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 10-9-0, Exterior(2) 10-9-0 to 13-4-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=256, 6=311.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	10B	Half Hip	1	1	T16796529
					Job Reference (optional)

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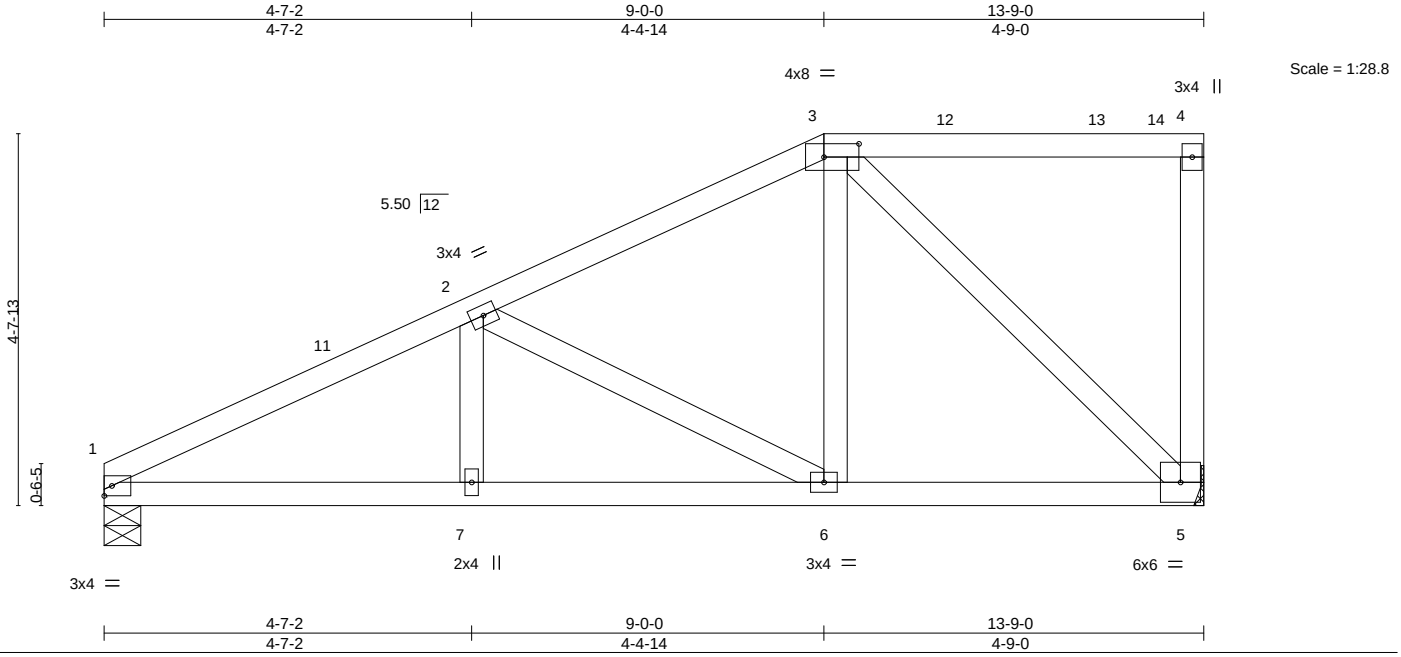


Plate Offsets (X,Y)-- [3:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.32	Vert(LL)	-0.02	7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.04	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.40	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.03	6-7	>999	240	Weight: 73 lb	FT = 10%

LUMBER-

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

BRACING-

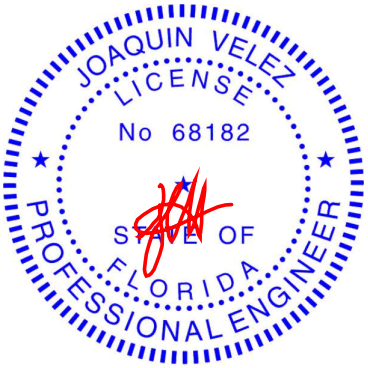
TOP CHORD	Structural wood sheathing directly applied or 5-8-12 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-5-6 oc bracing.

REACTIONS. (lb/size) 1=612/0-5-8, 5=612/Mechanical
Max Horz 1=316(LC 11)
Max Uplift 1=-266(LC 12), 5=-343(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1004/575, 2-3=-560/392
BOT CHORD 1-7=-841/981, 6-7=-841/981, 5-6=-487/567
WEBS 2-6=-477/402, 3-6=-113/359, 3-5=-618/528

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 9-0-0, Exterior(2) 9-0-0 to 13-2-15, Interior(1) 13-2-15 to 13-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=266, 5=343.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796530
413220	10C	Half Hip Girder	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:32 2019 Page 1
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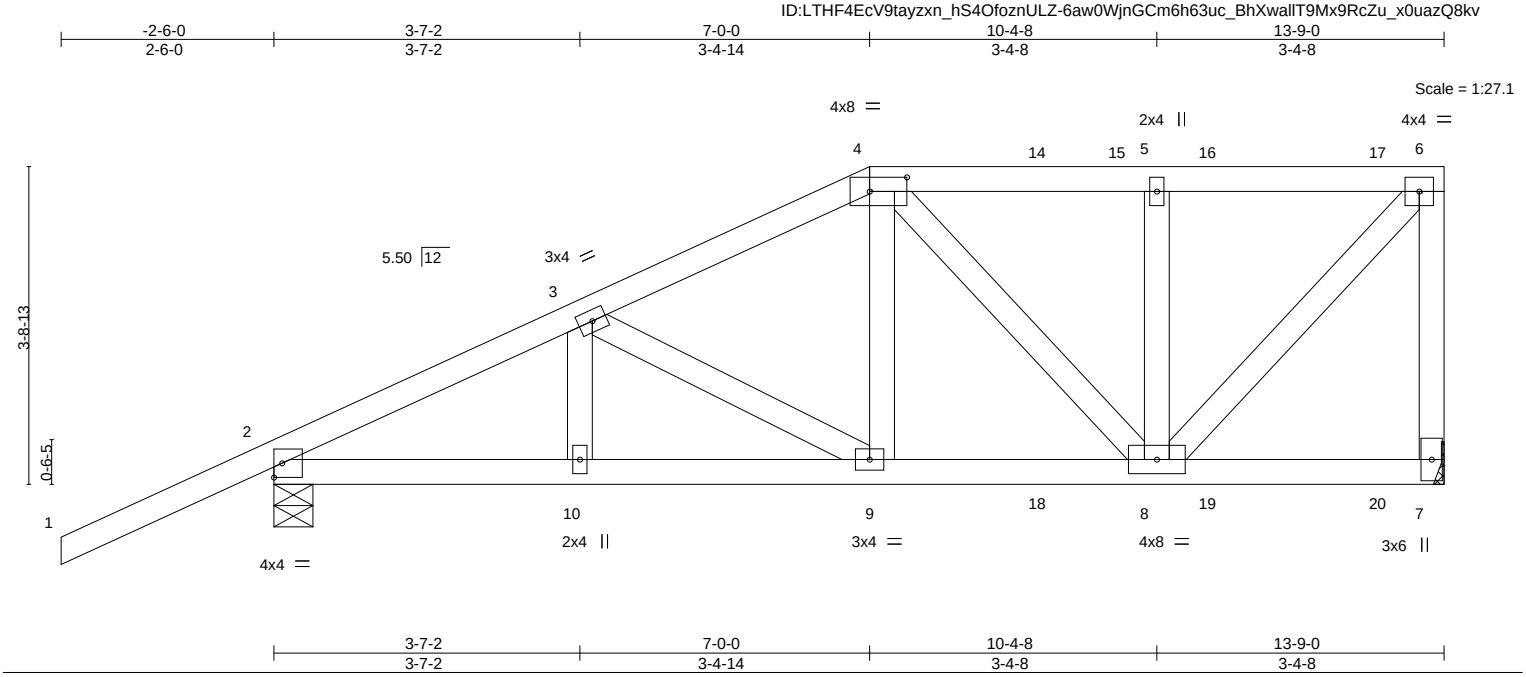


Plate Offsets (X,Y)-- [4:0-5-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.62	Vert(LL)	-0.04	9-10	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.88	Vert(CT)	-0.09	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.31	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.06	9-10	>999	240	Weight: 81 lb	FT = 10%

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

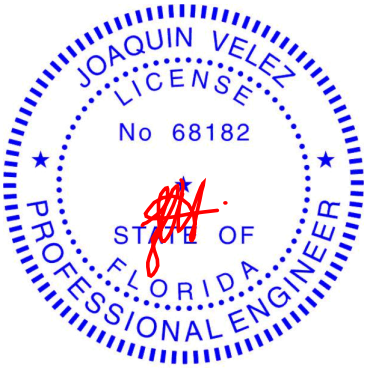
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-7-5 oc bracing.

REACTIONS. (lb/size) 7=1332/Mechanical, 2=1142/0-5-8
Max Horz 2=285(LC 7)
Max Uplift 7=-701(LC 5), 2=-685(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1623/680, 3-4=-1467/734, 4-5=-974/547, 5-6=-974/547, 6-7=-1240/730
BOT CHORD 2-10=-760/1468, 9-10=-760/1468, 8-9=-738/1376
WEBS 3-9=-292/185, 4-9=-59/573, 4-8=-566/247, 5-8=-517/467, 6-8=-733/1377

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=701, 2=685.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 283 lb down and 412 lb up at 7-0-0, 139 lb down and 204 lb up at 9-0-12, and 139 lb down and 204 lb up at 11-0-12, and 153 lb down and 197 lb up at 13-0-12 on top chord, and 420 lb down and 85 lb up at 7-0-0, 85 lb down at 9-0-12, and 85 lb down at 11-0-12, and 94 lb down at 13-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-70, 4-6=-70, 7-11=-20
Concentrated Loads (lb)
Vert: 9=-245(F) 4=-236(F) 14=-137(F) 16=-137(F) 17=-153(F) 18=-54(F) 19=-54(F) 20=-59(F)



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	11A	Jack-Closed Girder	1	2	T16796531
					Job Reference (optional)

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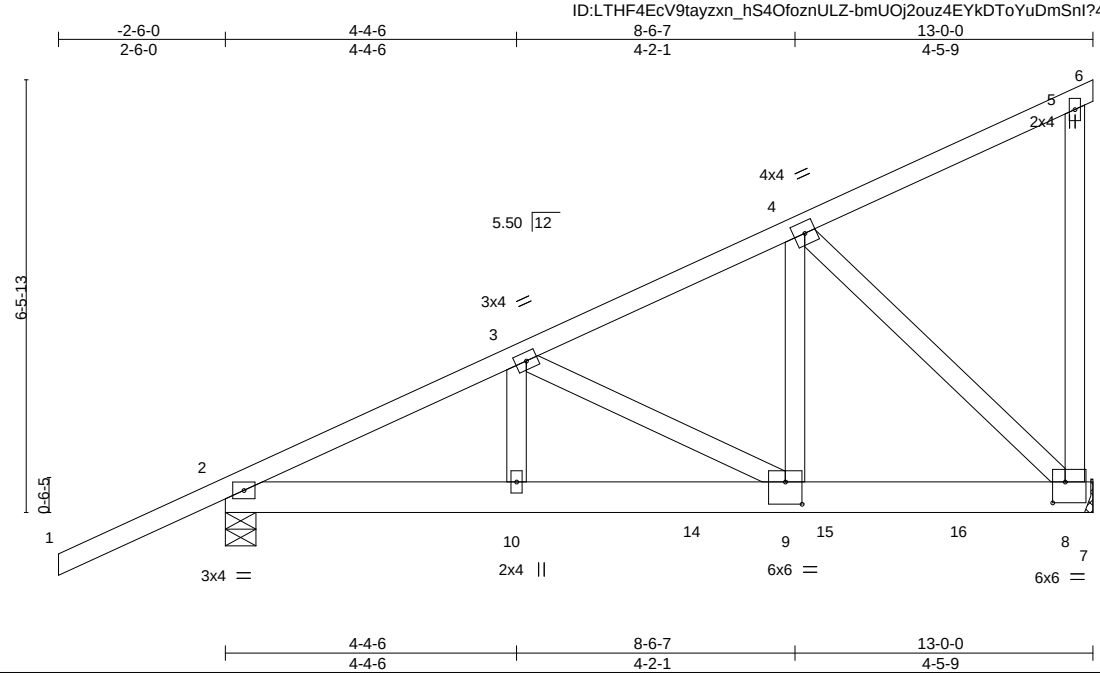


Plate Offsets (X,Y)-- [8:0-2-4,0-3-12], [9:0-3-0,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.31	Vert(LL)	0.06	9-10	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.07	9-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.33	Horz(CT)	0.01	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 174 lb	FT = 10%

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

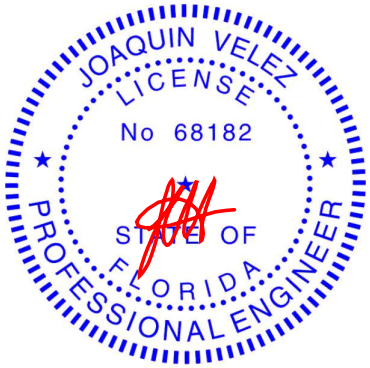
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=1595/0-5-8, 8=2224/Mechanical
Max Horz 2=476(LC 20)
Max Uplift 2=-930(LC 8), 8=-1191(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2755/1307, 3-4=-2108/1117
BOT CHORD 2-10=-1315/2440, 9-10=-1315/2440, 8-9=-1052/1870
WEBS 3-10=-114/392, 3-9=-641/304, 4-9=-1206/2305, 4-8=-2577/1453

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=930, 8=1191.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1312 lb down and 721 lb up at 7-0-12, and 592 lb down and 363 lb up at 9-0-12, and 581 lb down and 331 lb up at 11-0-12 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: 1-5=-70, 5-6=-30, 7-11=-20
Concentrated Loads (lb)
Vert: 14=-1312(B) 15=-592(B) 16=-581(B)



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796532
413220	11B	Half Hip	1	1	Job Reference (optional)

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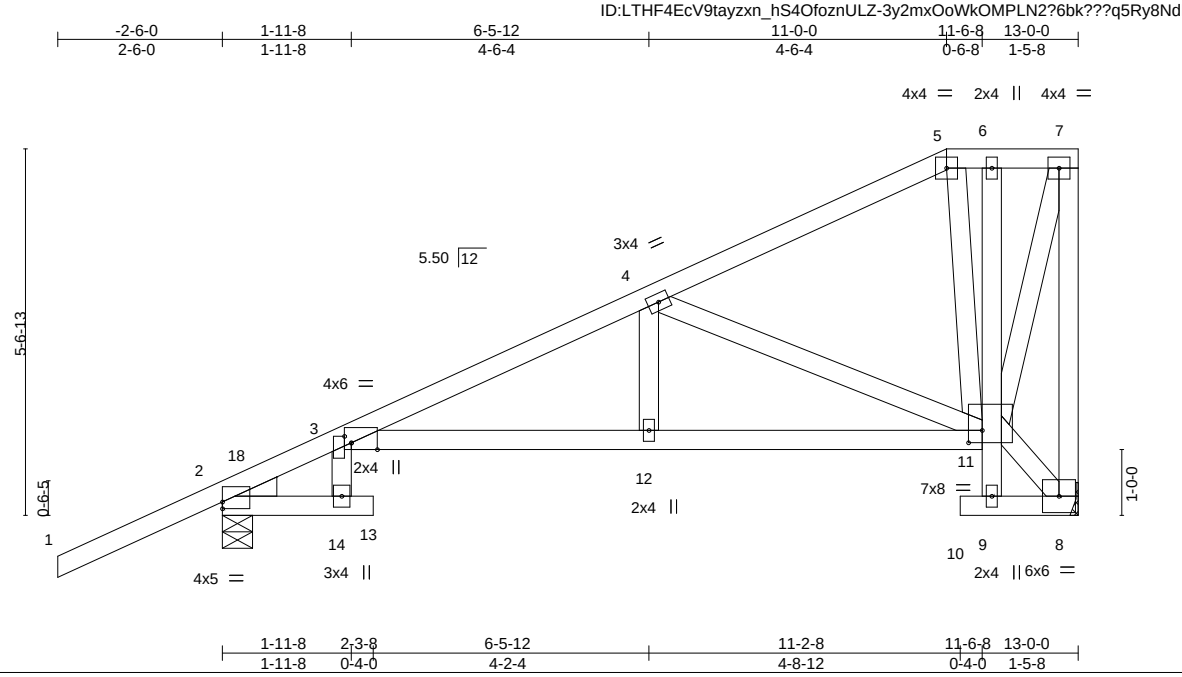


Plate Offsets (X,Y)-- [2:0-0-0,0-1-4], [3:0-4-12,Edge], [3:0-1-3,0-1-4], [11:0-2-8,0-2-4]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.14	13	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.36	13	>430	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.24	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.31	13	>503	240	Weight: 87 lb	FT = 10%

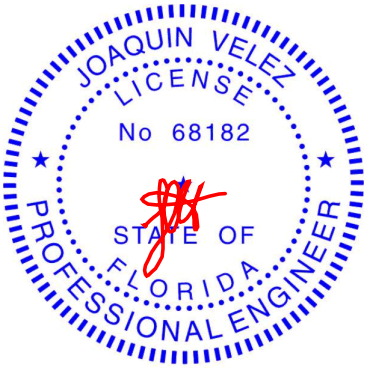
LUMBER-
TOP CHORD 2x4 SP M 31 *Except* 5-7: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except* 3-11: 2x4 SP M 31
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-11-13 oc bracing. Except: 10-0-0 oc bracing: 9-11

REACTIONS. (lb/size) 8=571/Mechanical, 2=780/0-5-8
Max Horz 2=420(LC 11)
Max Uplift 8=-273(LC 9), 2=-471(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-16=-499/71, 3-4=-1083/526, 4-5=-298/189, 7-8=-610/529
BOT CHORD 3-12=-1000/1231, 11-12=-1001/1232
WEBS 4-12=-56/331, 4-11=-980/755, 5-11=-133/267, 8-11=-264/288, 7-11=-547/643

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 11-0-0, Exterior(2) 11-0-0 to 12-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=273, 2=471.



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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	11C	Half Hip	1	1	T16796533
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

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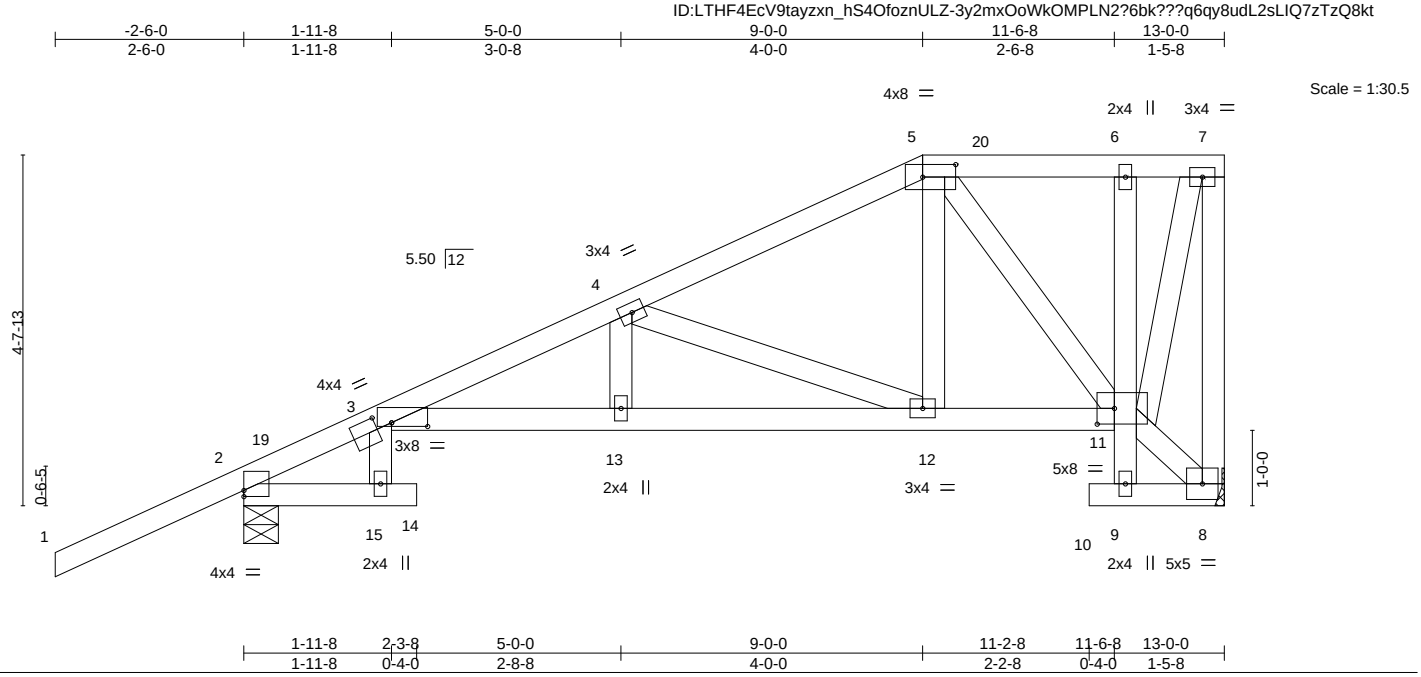


1-11-8	2-3-8	5-0-0	9-0-0	11-2-8	11-6-8	13-0-0
1-11-8	0-4-0	2-8-8	4-0-0	2-2-8	0-4-0	1-5-8

Plate Offsets (X,Y)-- [2:0-0-0,0-1-0], [3:0-5-12,0-0-9], [3:0-2-8,0-2-0], [5:0-5-4,0-2-0], [11:0-2-12,0-2-8]

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	0.57	Vert(LL)	-0.12	14	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.29	14	>535	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.19	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.25	14	>611	240	Weight: 84 lb	FT = 10%

LUMBER-

TOP CHORD 2x4 SP M 31 *Except* 5-7: 2x4 SP No.2

BOT CHORD 2x4 SP No.2 *Except* 3-11: 2x4 SP M 31

WEBS 2x4 SP No.2

BRACING-

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

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-4-13 oc bracing: 3-13
6-11-6 oc bracing: 12-13.
10-0-0 oc bracing: 9-11

REACTIONS. (lb/size) 8=571/Mechanical, 2=780/0-5-8
Max Horz 2=352(LC 11)
Max Uplift 8=-305(LC 9), 2=-476(LC 12)

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

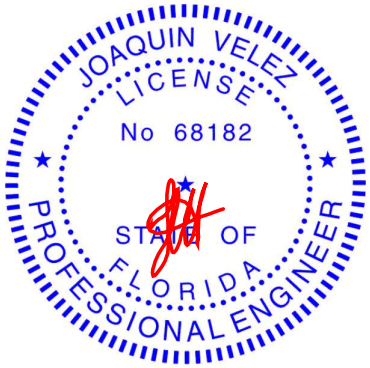
TOP CHORD 3-17=-469/73, 3-4=-1353/882, 4-5=-563/303, 5-6=-262/210, 6-7=-252/204, 7-8=-581/514

BOT CHORD 3-13=-1259/1502, 12-13=-1261/1504, 11-12=-536/620

WEBS 5-12=-198/368, 5-11=-468/403, 7-11=-541/627, 4-13=-91/289, 4-12=-958/781

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 9-0-0, Exterior(2) 9-0-0 to 12-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=305, 2=476.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	11D	Half Hip	1	1	T16796534
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:35 2019 Page 1
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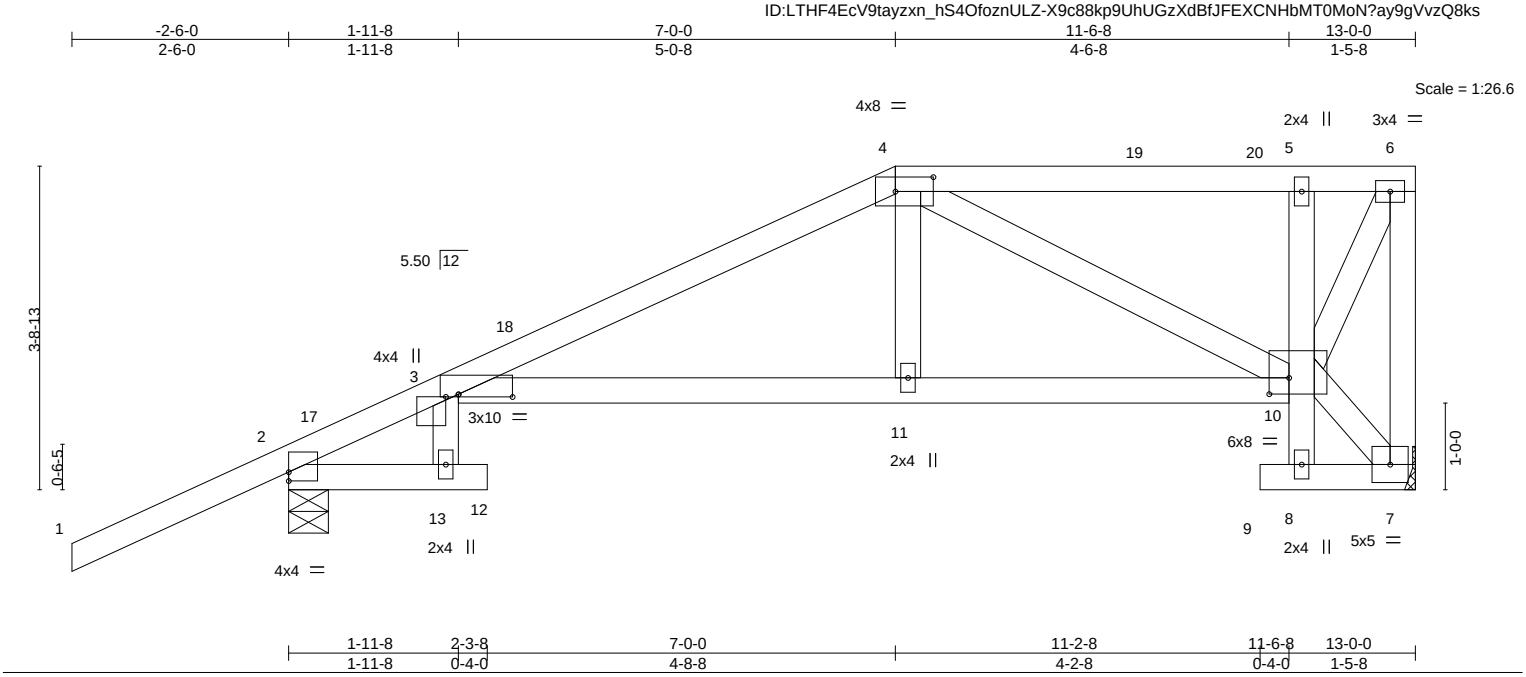


Plate Offsets (X,Y)-- [2:0-0-0,0-1-4], [3:0-7-8,0-0-6], [3:0-0-6,0-1-12], [4:0-5-4,0-2-0], [10:0-2-12,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.57	Vert(LL)	-0.17	3-11	>922	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.53	Vert(CT)	-0.41	3-11	>373	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.24	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.37	12	>414	240	Weight: 71 lb	FT = 10%

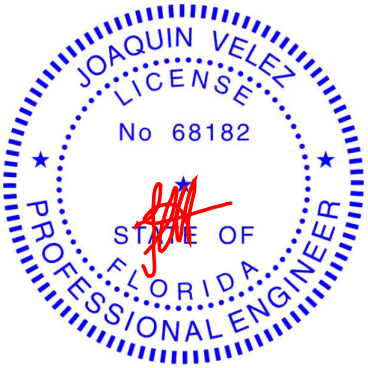
LUMBER-
TOP CHORD 2x4 SP M 31 *Except* 4-6: 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except* 3-10: 2x4 SP M 31
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-9 oc bracing. Except: 10-0-0 oc bracing: 8-10

REACTIONS. (lb/size) 7=571/Mechanical, 2=780/0-5-8
Max Horz 2=285(LC 11)
Max Uplift 7=-330(LC 9), 2=-479(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-15=-439/80, 3-4=-952/615, 4-5=-302/262, 5-6=-285/237, 6-7=-527/441
BOT CHORD 3-11=-829/973, 10-11=-836/991, 5-10=-282/309
WEBS 4-11=-95/341, 4-10=-699/585, 6-10=-523/617

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 7-0-0, Exterior(2) 7-0-0 to 11-2-15, Interior(1) 11-2-15 to 12-10-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 7=330, 2=479.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796535
413220	11E	Roof Special Girder	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:36 2019 Page 1
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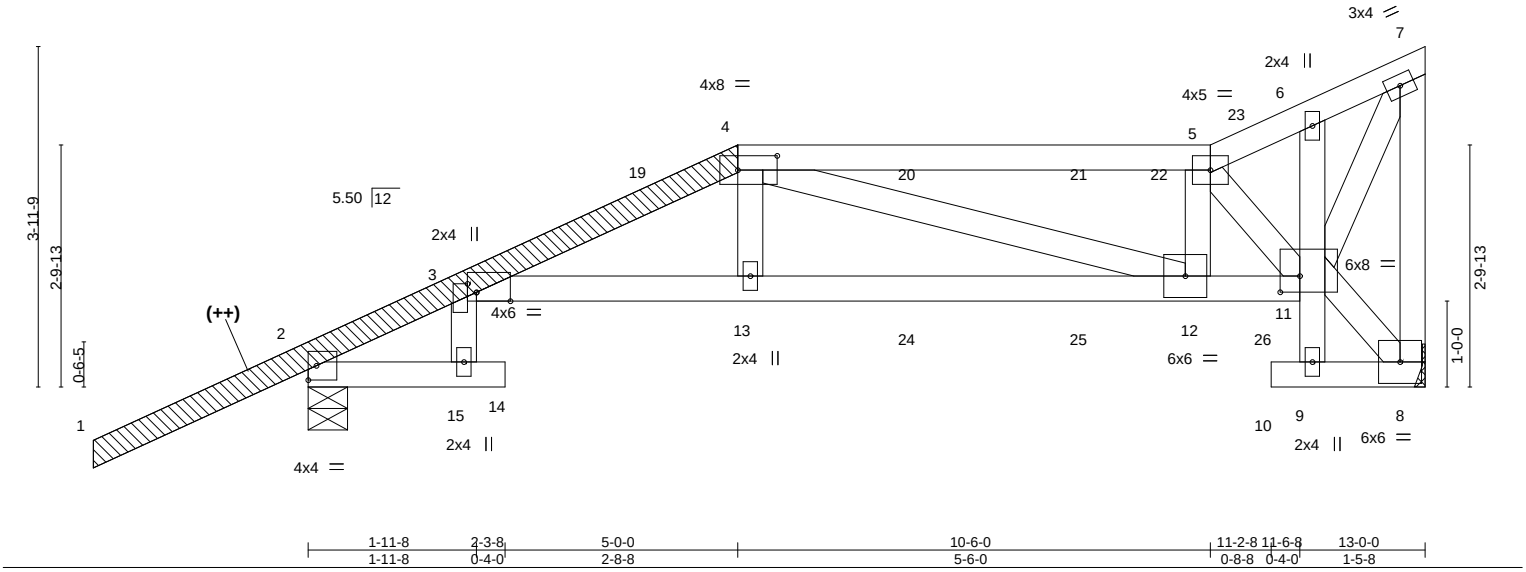
-2-6-0 | 1-0-0 | 1-11-8 | 5-0-0 | 10-6-0 | 11-6-8 | 13-0-0
2-6-0 | 1-0-0 | 0-11-8 | 3-0-8 | 5-6-0 | 1-0-8 | 1-5-8

Scale = 1:26.8



1-11-8 | 2-3-8 | 5-0-0 | 10-6-0 | 11-2-8 | 11-6-8 | 13-0-0
1-11-8 | 0-4-0 | 2-8-8 | 5-6-0 | 0-8-8 | 0-4-0 | 1-5-8

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.72	Vert(LL)	0.24	14	>651	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.28	14	>557	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.45	Horz(CT)	0.20	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 87 lb	FT = 10%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 1-4: 2x4 SP M 31
BOT CHORD	2x4 SP No.2 *Except* 3-11: 2x4 SP M 31
WEBS	2x4 SP No.2
OTHERS	2x4 SP M 31
LBR SCAB	1-4 2x4 SP M 31 one side

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-8-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-9-10 oc bracing. Except: 10-0-0 oc bracing: 9-11

REACTIONS. (lb/size) 8=920/Mechanical, 2=980/0-5-8
Max Horz 2=296(LC 7)
Max Uplift 8=-541(LC 5), 2=-597(LC 8)
Max Grav 8=961(LC 25), 2=1026(LC 25)

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

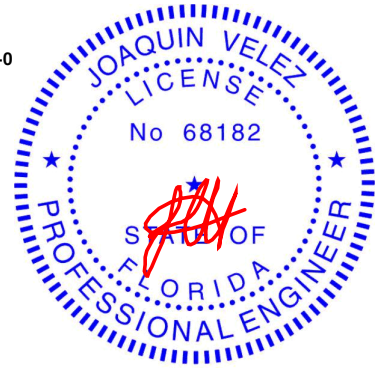
TOP CHORD	3-17=-599/153, 3-4=-2359/1048, 4-5=-1431/765, 5-6=-624/350, 6-7=-523/294, 7-8=-895/542
BOT CHORD	3-13=-1197/2274, 12-13=-1206/2328, 11-12=-864/1407
WEBS	4-13=-82/551, 4-12=-906/336, 5-12=-208/600, 5-11=-1432/837, 7-11=-667/1125

NOTES-

1) **(++)Attached 8-4-10 scab 1 to 4, front face(s) 2x4 SP M 31 with 1 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 1-9-0** from end at joint 1, nail 1 row(s) at 3" o.c. for 3-11-15; starting at 6-3-1 from end at joint 1, nail 1 row(s) at 7" o.c. for 2-0-0.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 8=541, 2=597.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 293 lb down and 187 lb up at 5-0-0, 95 lb down and 136 lb up at 7-0-12, and 34 lb down and 54 lb up at 9-0-12, and 57 lb down and 112 lb up at 11-0-12 on top chord, and 271 lb down and 22 lb up at 5-0-0, 67 lb down and 44 lb up at 7-0-12, and 153 lb down and 109 lb up at 9-0-12, and 124 lb down and 96 lb up at 11-2-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

Continued on page 2



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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-70, 3-4=-70, 4-5=-70, 5-7=-70, 15-16=-20, 14-15=-20, 3-11=-20, 9-10=-20, 8-9=-20
   Concentrated Loads (lb)
   Vert: 4=-48(F) 13=-79(F) 20=-70(F) 23=-21(F) 24=-67(F) 25=-153(F) 26=-111(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796536
413220	12A	Jack-Closed	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:37 2019 Page 1
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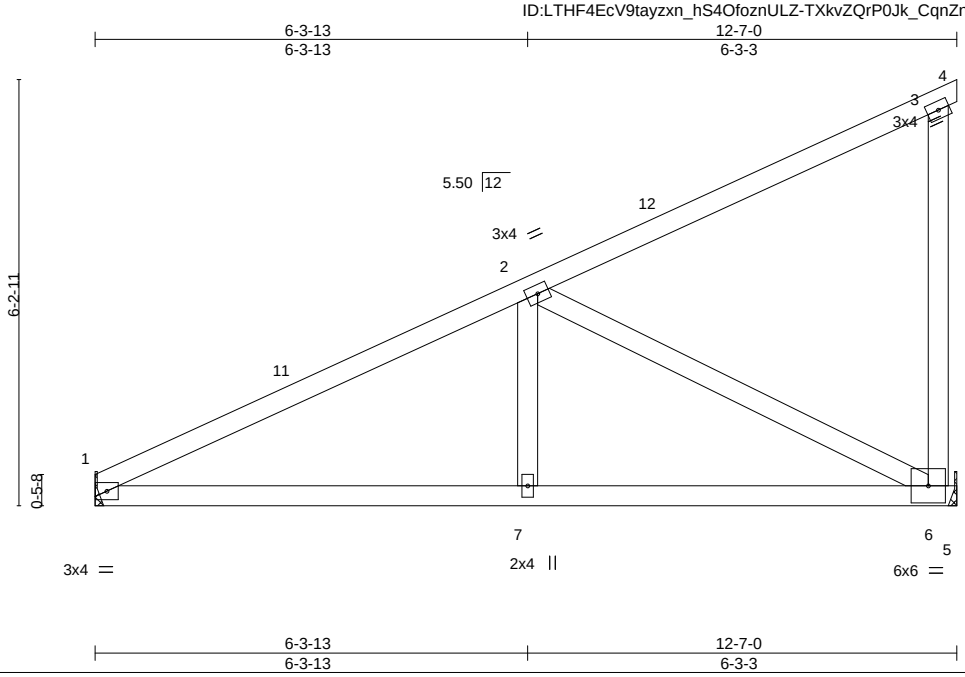


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.53	Vert(LL)	-0.03	6-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.08	7-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.06	7-10	>999	240	Weight: 61 lb	FT = 10%

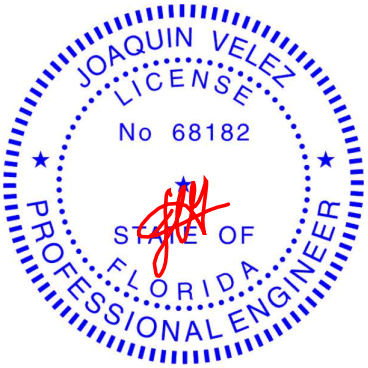
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-2-0 oc bracing.

REACTIONS. (lb/size) 1=554/Mechanical, 6=568/Mechanical
Max Horz 1=427(LC 11)
Max Uplift 1=-228(LC 12), 6=-277(LC 12)
Max Grav 1=554(LC 1), 6=580(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-830/447, 2-3=-253/199, 3-6=-235/330
BOT CHORD 1-7=-622/832, 6-7=-622/832
WEBS 2-7=0/281, 2-6=-753/535

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 12-7-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=228, 6=277.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	12B	Jack-Closed	4	1	T16796537
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:37 2019 Page 1
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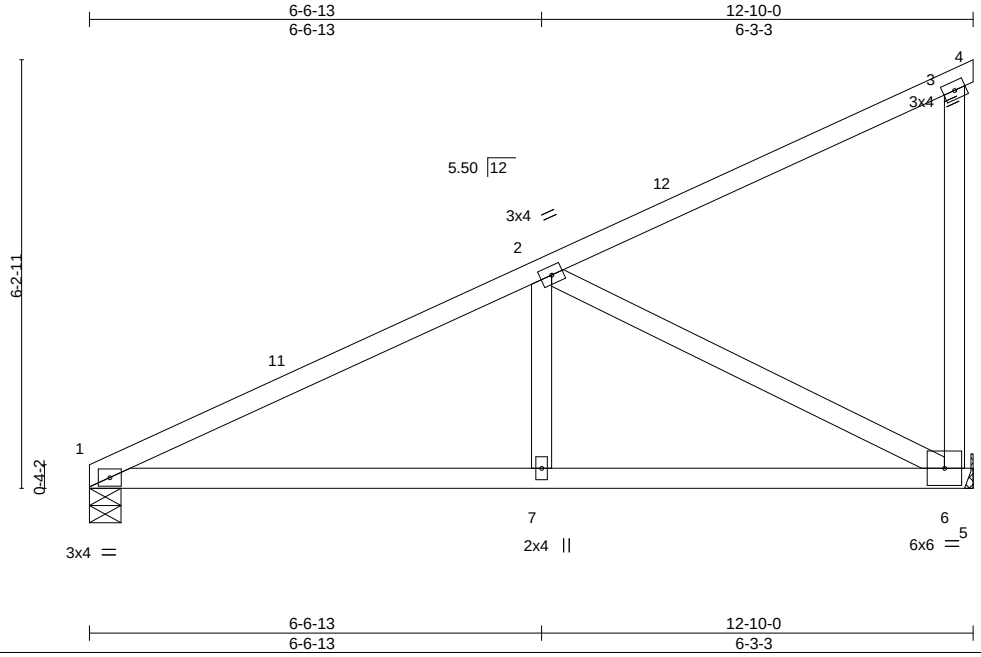


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.55	Vert(LL)	-0.05	7-10	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.13	7-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.09	7-10	>999	240	Weight: 62 lb	FT = 10%

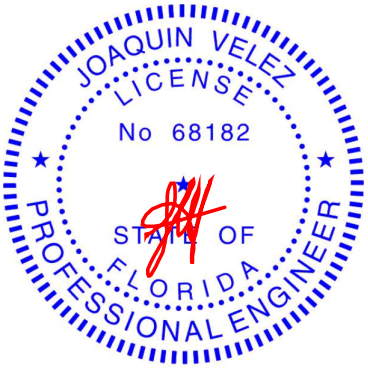
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-1-11 oc bracing.

REACTIONS. (lb/size) 1=565/0-5-8, 6=579/Mechanical
Max Horz 1=429(LC 11)
Max Uplift 1=-233(LC 12), 6=-281(LC 12)
Max Grav 1=565(LC 1), 6=591(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-854/461, 2-3=-252/198, 3-6=-232/327
BOT CHORD 1-7=-626/854, 6-7=-626/854
WEBS 2-7=0/295, 2-6=-780/541

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 12-10-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=233, 6=281.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	12C	Jack-Closed	8	1	T16796538
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:38 2019 Page 1
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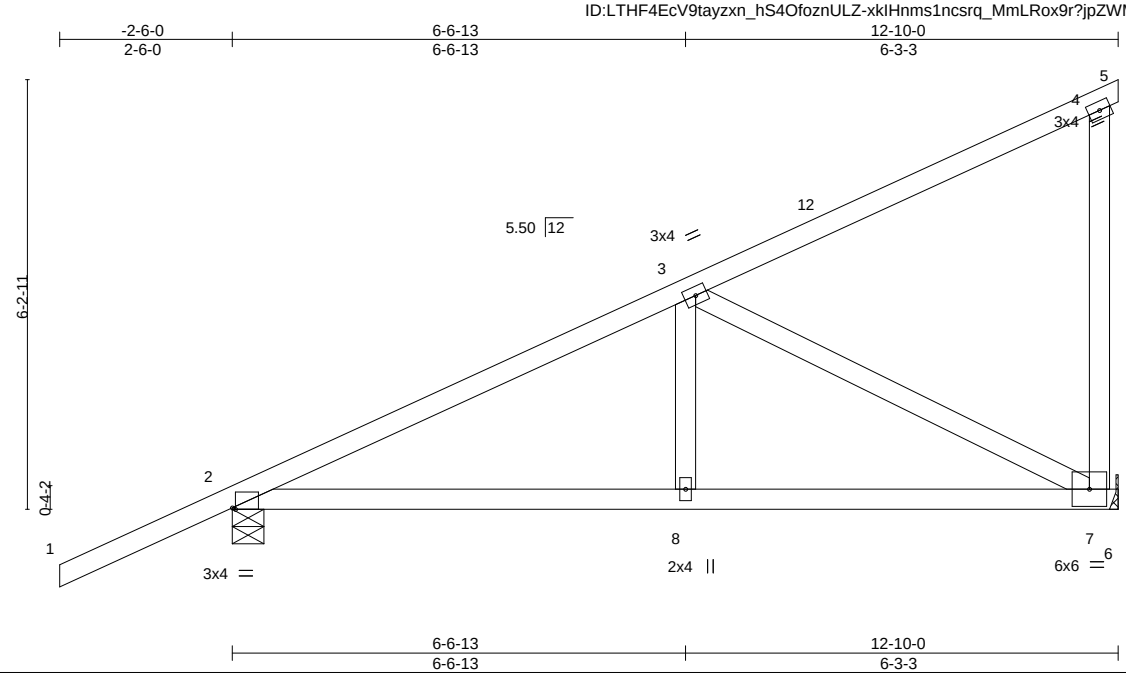


Plate Offsets (X,Y)-- [2:0-0-9,Edge]

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	0.82	Vert(LL)	-0.04	8-11	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.43	Vert(CT)	-0.09	8-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.60	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	-0.04	8-11	>999	240	Weight: 66 lb	FT = 10%

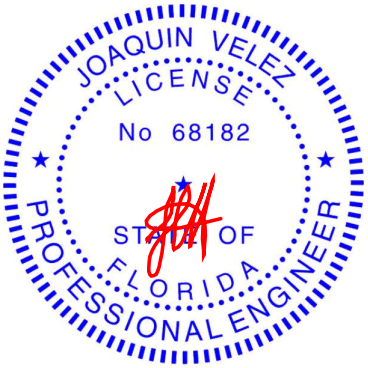
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-11 oc bracing.

REACTIONS. (lb/size) 2=758/0-5-8, 7=562/Mechanical
Max Horz 2=465(LC 11)
Max Uplift 2=-467(LC 12), 7=-256(LC 12)
Max Grav 2=758(LC 1), 7=576(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-851/315, 3-4=-252/198, 4-7=-236/331
BOT CHORD 2-8=-586/811, 7-8=-586/811
WEBS 3-8=0/283, 3-7=-775/494

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-7-1, Interior(1) 0-7-1 to 12-10-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=467, 7=256.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	13A	ROOF SPECIAL	8	1	T16796539
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:38 2019 Page 1
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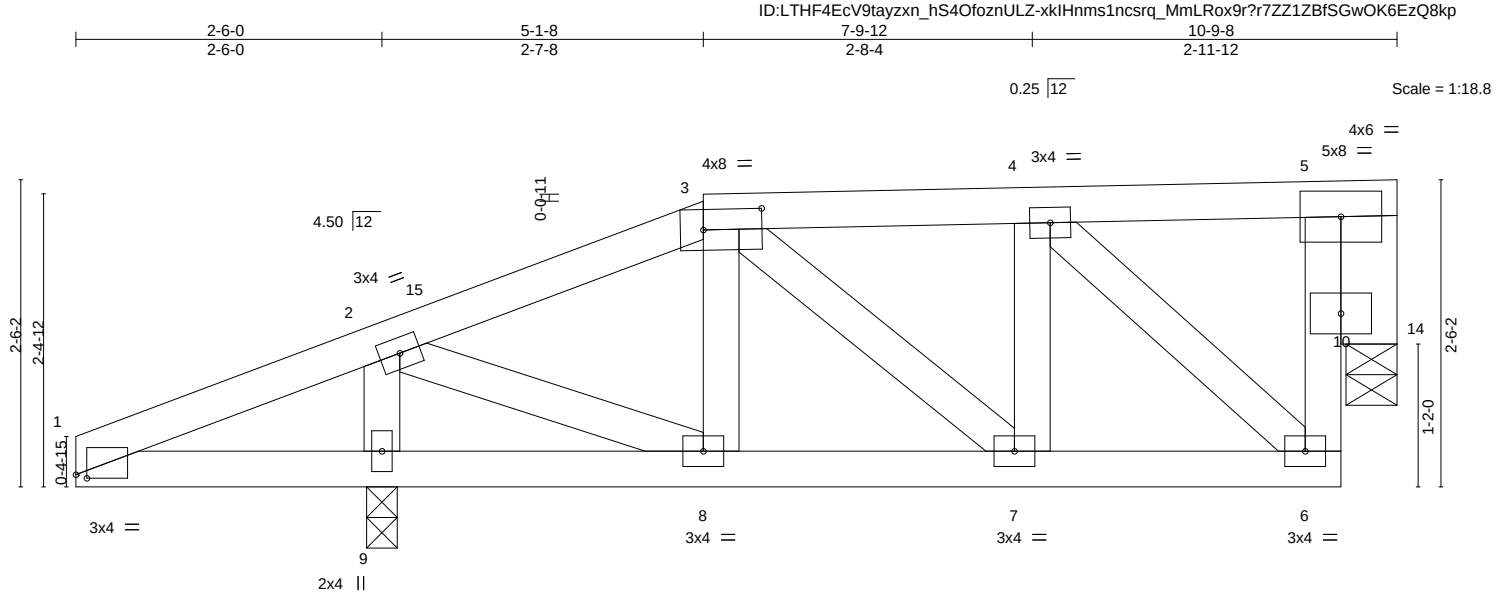


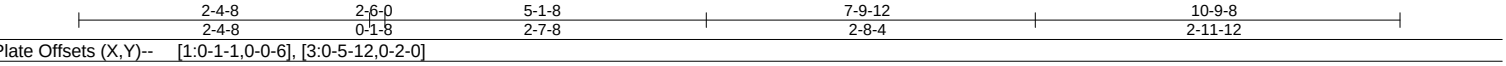


Plate Offsets (X,Y)-- [1:0-1-1,0-0-6], [3:0-5-12,0-2-0]

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	0.29	Vert(LL)	-0.01	7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	-0.02	7-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.15	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.01	7	>999	240	Weight: 56 lb	FT = 10%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 9=769/0-3-0, 14=553/0-5-0
Max Horz 9=126(LC 9)
Max Uplift 9=-385(LC 12), 14=-208(LC 9)

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

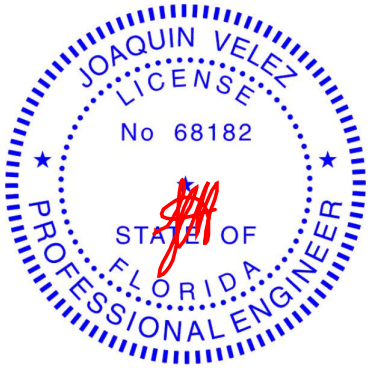
TOP CHORD	1-2=-435/222, 2-3=-504/166, 3-4=-537/190, 6-10=-141/412, 5-10=-141/412
BOT CHORD	1-9=-174/437, 8-9=-189/339, 7-8=-207/421, 6-7=-229/531
WEBS	2-9=-672/542, 2-8=-338/650, 4-6=-553/215, 5-14=-591/223

NOTES-

1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 10-2-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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) Bearing at joint(s) 14 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=385, 14=208.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-70, 3-5=-150, 6-11=-20



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	13B	ROOF SPECIAL GIRDER	2	2	T16796540
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:39 2019 Page 1
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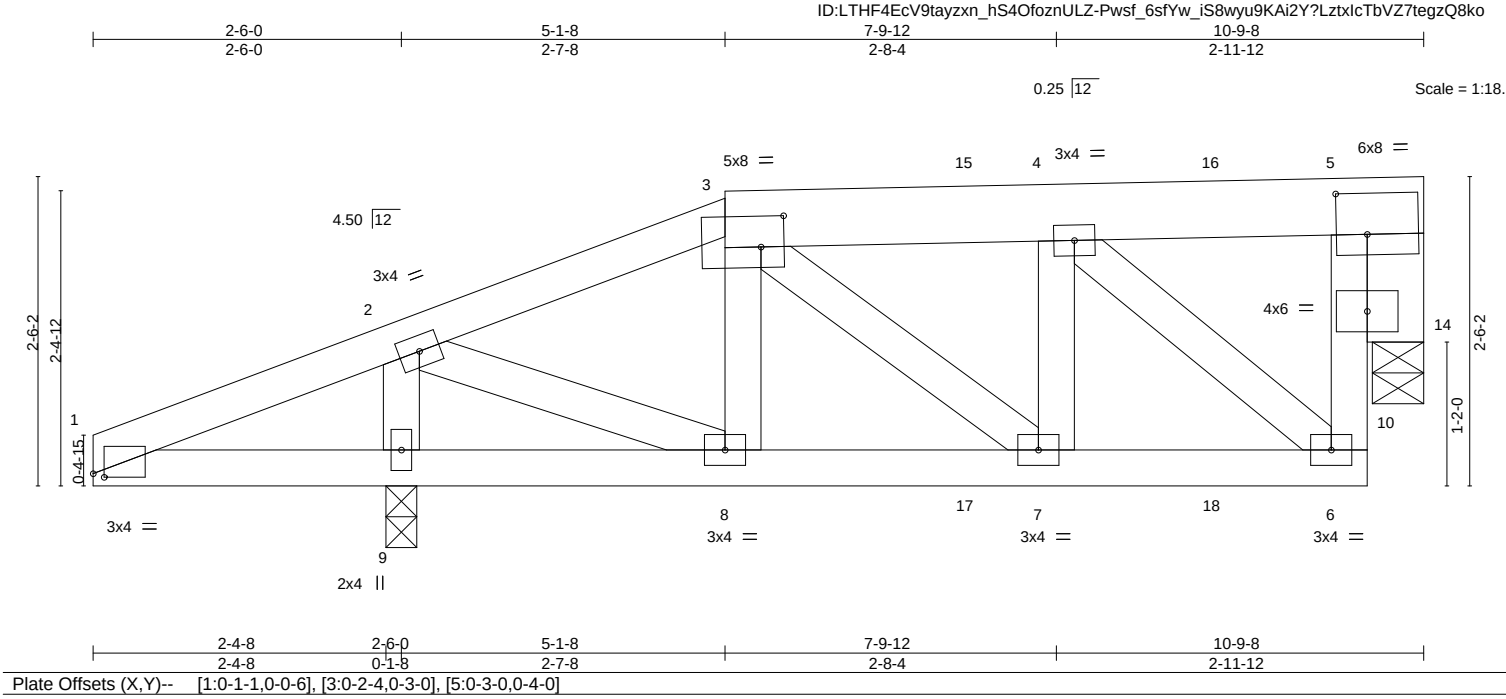


Plate Offsets (X,Y)-- [1:0-1-1,0-0-6], [3:0-2-4,0-3-0], [5:0-3-0,0-4-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	-0.01	7-8	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.34	Vert(CT)	-0.03	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.30	Horz(CT)	0.01	14	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.02	7-8	>999	240	Weight: 120 lb	FT = 10%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 3-5: 2x6 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2
OTHERS	2x6 SP No.2

BRACING-

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

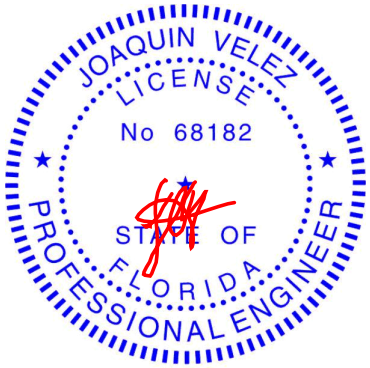
REACTIONS. (lb/size) 9=2110/0-3-0, 14=1092/0-5-0
Max Horz 9=121(LC 5)
Max Uplift 9=-1625(LC 4), 14=-929(LC 5)
Max Grav 9=2812(LC 31), 14=1559(LC 30)

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

TOP CHORD	2-3=-3434/1940, 3-4=-1879/1104, 4-5=-304/189, 6-10=-872/1461, 5-10=-872/1461
BOT CHORD	7-8=-1832/3117, 6-7=-1141/1897
WEBS	2-9=-2648/1538, 2-8=-1933/3417, 3-8=-1365/744, 3-7=-1529/866, 4-7=-607/1018, 4-6=-2093/1239, 5-14=-1657/988

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) 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 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=1625, 14=929.
9) Load case(s) 1, 2, 13, 14, 15, 16, 17, 18, 28, 29, 30, 31 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2969 lb down and 1512 lb up at 5-1-8, 148 lb down and 152 lb up at 5-1-8, and 40 lb down and 63 lb up at 7-2-4, and 40 lb down and 63 lb up at 9-2-4 on top chord, and 262 lb down and 454 lb up at 5-1-8, and 84 lb down and 161 lb up at 7-2-4, and 84 lb down and 161 lb up at 9-2-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.



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Date:
April 17,2019

Continued on page 2

MiTek
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Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-70, 3-5=-150, 6-11=-20
   Concentrated Loads (lb)
   Vert: 3=-2305 8=248(F) 17=88(F) 18=88(F)
2) Dead + 0.75 Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-5=-120, 6-11=-20
   Concentrated Loads (lb)
   Vert: 3=-2049 8=248(F) 17=88(F) 18=88(F)
13) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-3=-62, 3-5=-121, 9-11=12, 6-9=-20
   Horz: 1-3=2, 4-5=1, 6-10=11
   Drag: 3-4=0
   Concentrated Loads (lb)
   Vert: 3=-2642(F=125) 8=406(F) 15=47(F) 16=47(F) 17=138(F) 18=138(F)
14) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-3=-45, 3-5=-121, 6-11=-20
   Horz: 1-3=-15, 4-5=1, 6-10=-40
   Drag: 3-4=0
   Concentrated Loads (lb)
   Vert: 3=-2155(F=107) 8=406(F) 15=47(F) 16=47(F) 17=138(F) 18=138(F)
15) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-3=-61, 3-5=-121, 9-11=12, 6-9=-20
   Horz: 1-3=1, 4-5=1, 6-10=19
   Drag: 3-4=0
   Concentrated Loads (lb)
   Vert: 3=-2845(F=124) 8=406(F) 15=47(F) 16=47(F) 17=138(F) 18=138(F)
16) Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-3=-61, 3-5=-121, 6-11=-20
   Horz: 1-3=1, 4-5=1, 6-10=19
   Drag: 3-4=0
   Concentrated Loads (lb)
   Vert: 3=-2845(F=124) 8=406(F) 15=47(F) 16=47(F) 17=138(F) 18=138(F)
17) Reversal: Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-70, 3-5=-150, 6-11=-20
   Concentrated Loads (lb)
   Vert: 3=-2305 8=454(F) 17=161(F) 18=161(F)
18) Reversal: Dead + 0.75 Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-3=-60, 3-5=-120, 6-11=-20
   Concentrated Loads (lb)
   Vert: 3=-2049 8=403(F) 17=143(F) 18=143(F)
28) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-3=-62, 3-5=-121, 9-11=12, 6-9=-20
   Horz: 1-3=2, 4-5=1, 6-10=11
   Drag: 3-4=0
   Concentrated Loads (lb)
   Vert: 3=-2780(F=-12) 8=-152(F) 15=-1(F) 16=-1(F) 17=-46(F) 18=-46(F)
29) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-3=-45, 3-5=-121, 6-11=-20
   Horz: 1-3=-15, 4-5=1, 6-10=-40
   Drag: 3-4=0
   Concentrated Loads (lb)
   Vert: 3=-2287(F=-25) 8=-152(F) 15=-1(F) 16=-1(F) 17=-46(F) 18=-46(F)
30) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-3=-61, 3-5=-121, 9-11=12, 6-9=-20
   Horz: 1-3=1, 4-5=1, 6-10=19
   Drag: 3-4=0
   Concentrated Loads (lb)
   Vert: 3=-2982(F=-13) 8=-152(F) 15=-1(F) 16=-1(F) 17=-46(F) 18=-46(F)
31) Reversal: Dead + 0.75 Roof Live (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60

Continued on page 3

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-61, 3-5=-121, 6-11=-20

Horz: 1-3=1, 4-5=1, 6-10=19

Drag: 3-4=0

Concentrated Loads (lb)

Vert: 3=-2982(F=-13) 8=-152(F) 15=-1(F) 16=-1(F) 17=-46(F) 18=-46(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796541
413220	14A	Monopitch Supported Gable	4	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:40 2019 Page 1
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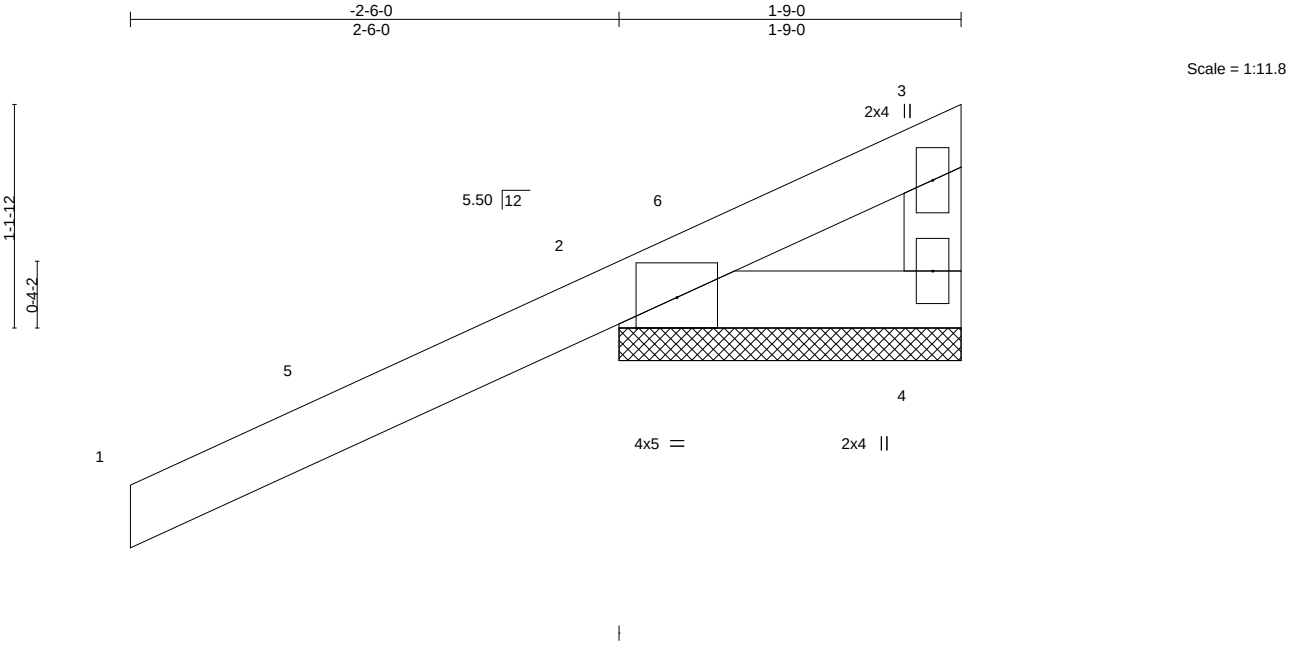


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.54	Vert(LL)	0.01	1	n/r	120	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.03	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 11 lb	FT = 10%

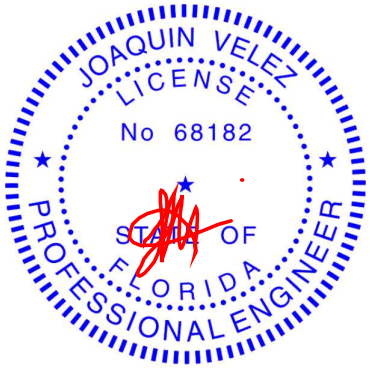
LUMBER-
TOP CHORD 2x4 SP M 31
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 4=-64/1-9-0, 2=384/1-9-0
Max Horz 2=112(LC 12)
Max Uplift 4=-64(LC 1), 2=-436(LC 12)
Max Grav 4=163(LC 12), 2=384(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-422/80

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) -2-6-0 to 0-6-0, Exterior(2) 0-6-0 to 1-7-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=436.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	14B	Monopitch	16	1	T16796542
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:40 2019 Page 1
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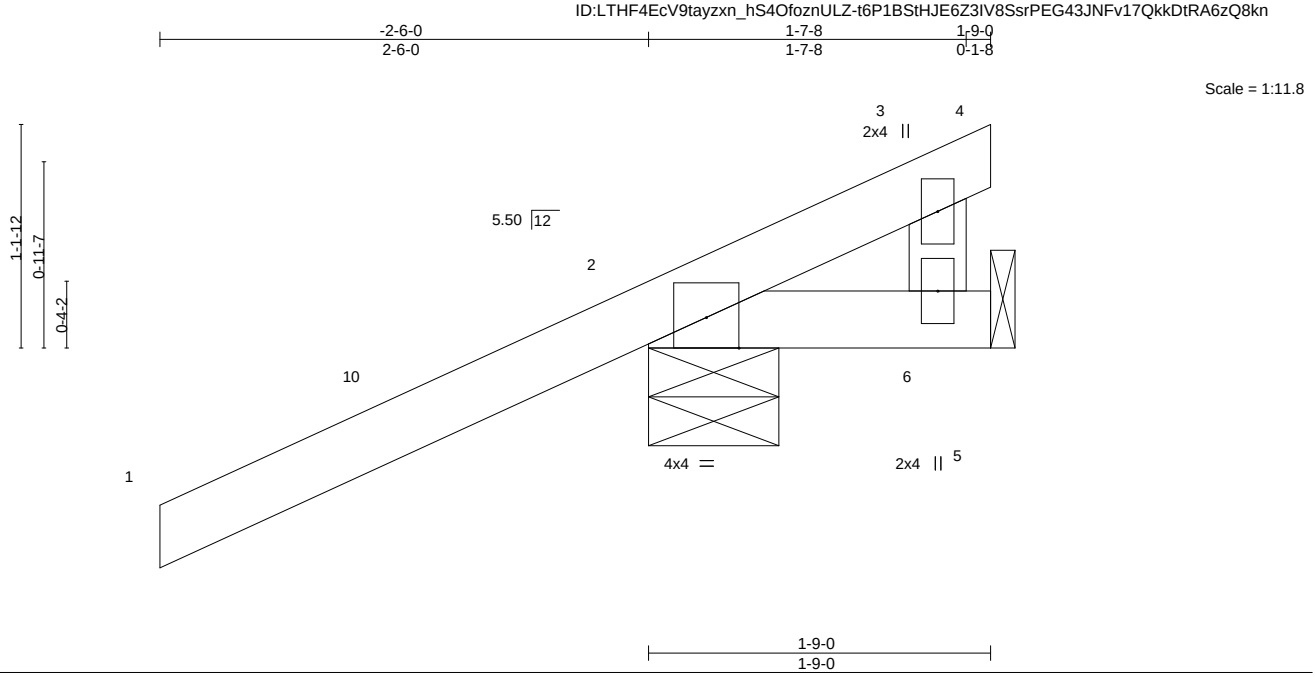


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	0.00	9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.23	Vert(CT)	0.00	9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.01	9	>999	240	Weight: 10 lb	FT = 10%

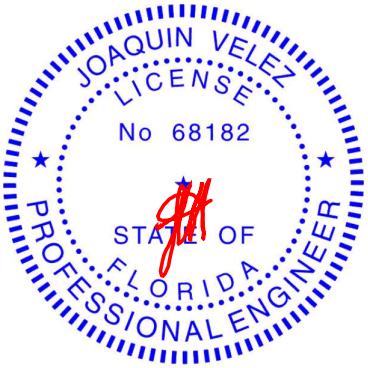
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 2=378/0-8-0, 5=-57/Mechanical
Max Horz 2=118(LC 12)
Max Uplift 2=-421(LC 12), 5=-57(LC 1)
Max Grav 2=378(LC 1), 5=145(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-7-1, Interior(1) 0-7-1 to 1-9-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 2=421.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	15A	Monopitch	12	1	T16796543
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:41 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-MJzPPouv4XEPhS4L0aMenTdE3nbGmaguytc_jZzQ8km

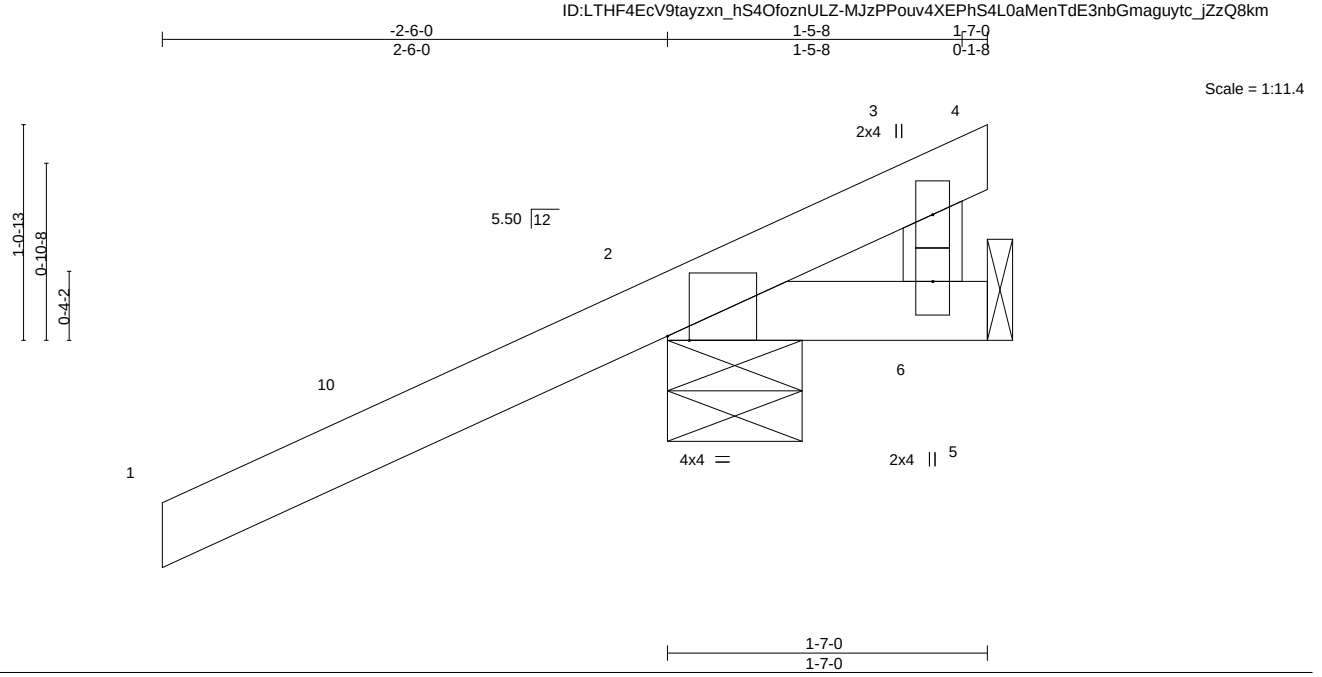


Plate Offsets (X,Y)-- [2:0-1-5,Edge]

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	0.82	Vert(LL)	0.00	9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	0.00	9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.00	9	>999	240	Weight: 10 lb	FT = 10%

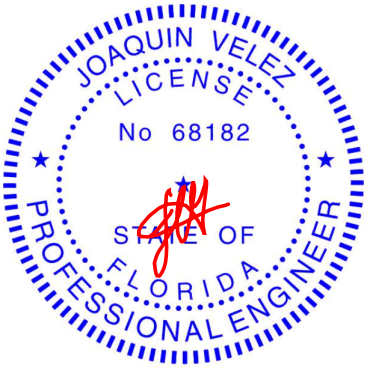
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 2=384/0-8-0, 5=-78/Mechanical
Max Horz 2=117(LC 12)
Max Uplift 2=-437(LC 12), 5=-78(LC 1)
Max Grav 2=384(LC 1), 5=168(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-7-1, Interior(1) 0-7-1 to 1-7-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 2=437.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	16A	Jack-Partial Supported Gable	1	1	T16796544
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:41 2019 Page 1

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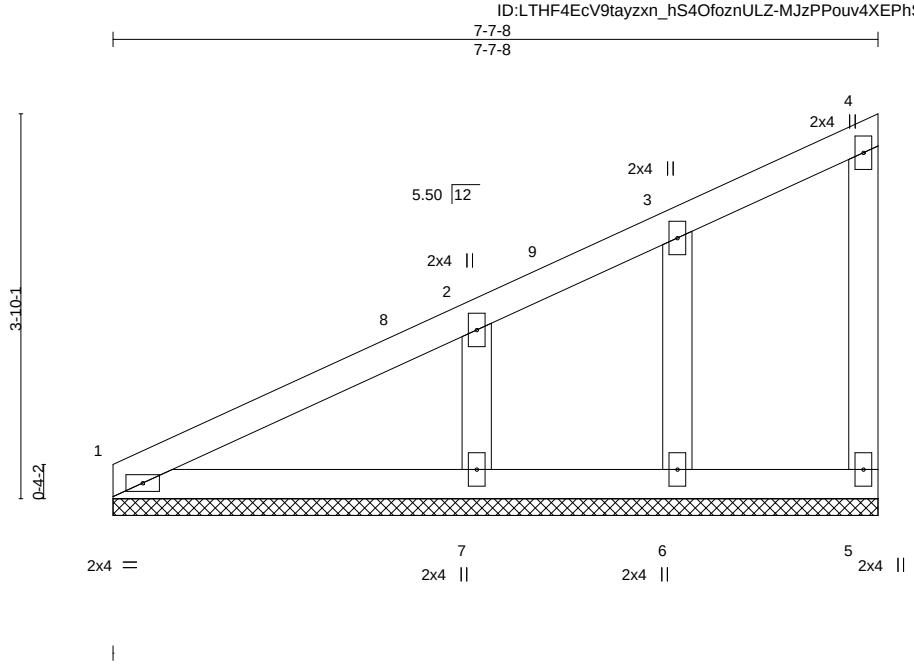


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.37	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 34 lb	FT = 10%

LUMBER-

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

BRACING-

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

REACTIONS. All bearings 7-7-8.

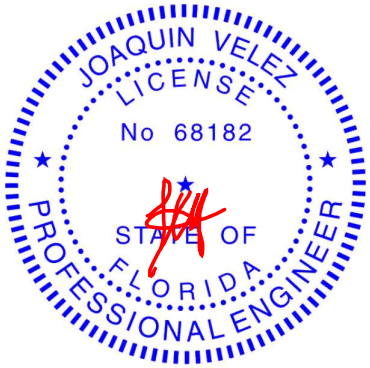
(lb) - Max Horz 1=255(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 6 except 7=-196(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5, 6 except 7=330(LC 1)

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

TOP CHORD 1-2=-505/277, 2-3=-299/183
WEBS 3-6=-115/317, 2-7=-283/588

NOTES-

1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 7-5-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) Gable requires continuous bottom chord bearing.
4) Gable studs spaced at 2-0-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 6 except (jt=lb) 7=196.



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April 17,2019

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796545
413220	16B	GABLE	1	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

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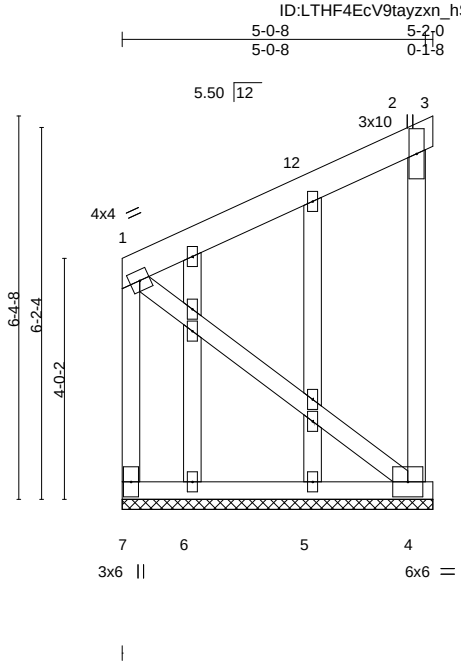


Scale = 1:38.3

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.43	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.34	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 55 lb	FT = 10%

LUMBER-

TOP CHORD	2x6 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2 *Except* 2-4: 2x4 SP M 31
OTHERS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-11-3 oc bracing.

REACTIONS. All bearings 5-2-0.

(lb) - Max Horz 7=417(LC 9)

Max Uplift All uplift 100 lb or less at joint(s) except 7=-148(LC 8), 3=-258(LC 1), 4=-488(LC 9)

Max Grav All reactions 250 lb or less at joint(s) 5, 6 except 7=296(LC 18), 3=270(LC 12), 4=569(LC 17)

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

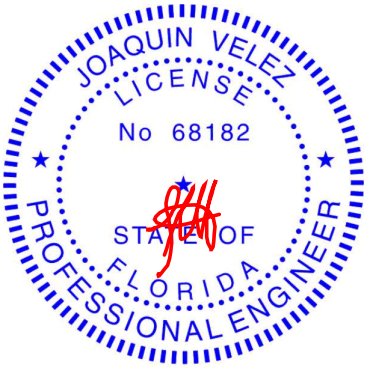
TOP CHORD 1-7=-422/409, 1-2=-335/333, 2-3=-149/306, 2-4=-566/1058

BOT CHORD 6-7=-741/670, 5-6=-741/670, 4-5=-741/670

WEBS 1-4=-569/750

NOTES-

1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Corner(3) 0-1-12 to 3-1-12, Exterior(2) 3-1-12 to 5-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 148 lb uplift at joint 7, 258 lb uplift at joint 3 and 488 lb uplift at joint 4.



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April 17,2019

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796546
413220	16C	Jack-Closed	2	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:43 2019 Page 1
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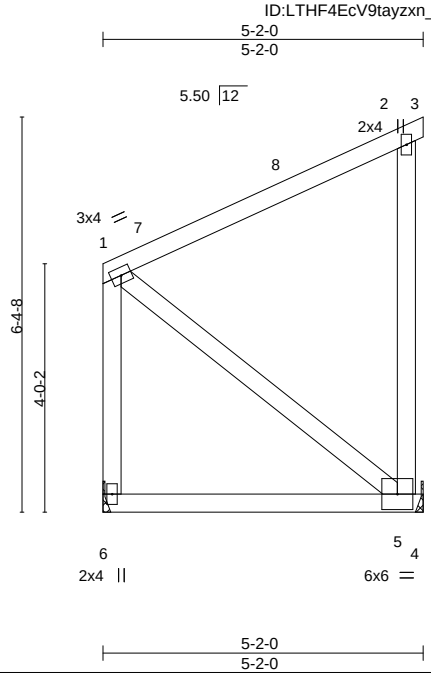


Scale = 1:37.2

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	0.78	Vert(LL)	-0.03	5-6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.06	5-6	>941	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.32	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.00	6	****	240	Weight: 39 lb	FT = 10%

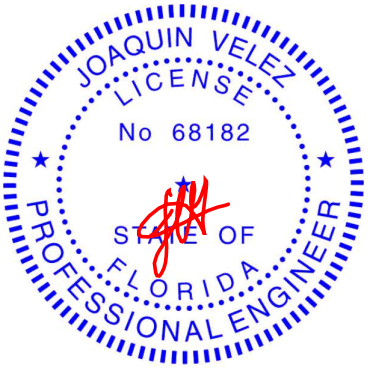
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-0-1 oc bracing.

REACTIONS. (lb/size) 6=213/Mechanical, 5=228/Mechanical
Max Horz 6=421(LC 9)
Max Uplift 6=-138(LC 8), 5=-327(LC 9)
Max Grav 6=357(LC 18), 5=341(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-6=-433/397, 1-2=-324/264, 2-5=-288/411
BOT CHORD 5-6=-697/569
WEBS 1-5=-512/698

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 5-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 138 lb uplift at joint 6 and 327 lb uplift at joint 5.



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April 17,2019

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F1	FLOOR	9	1	T16796547
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:43 2019 Page 1
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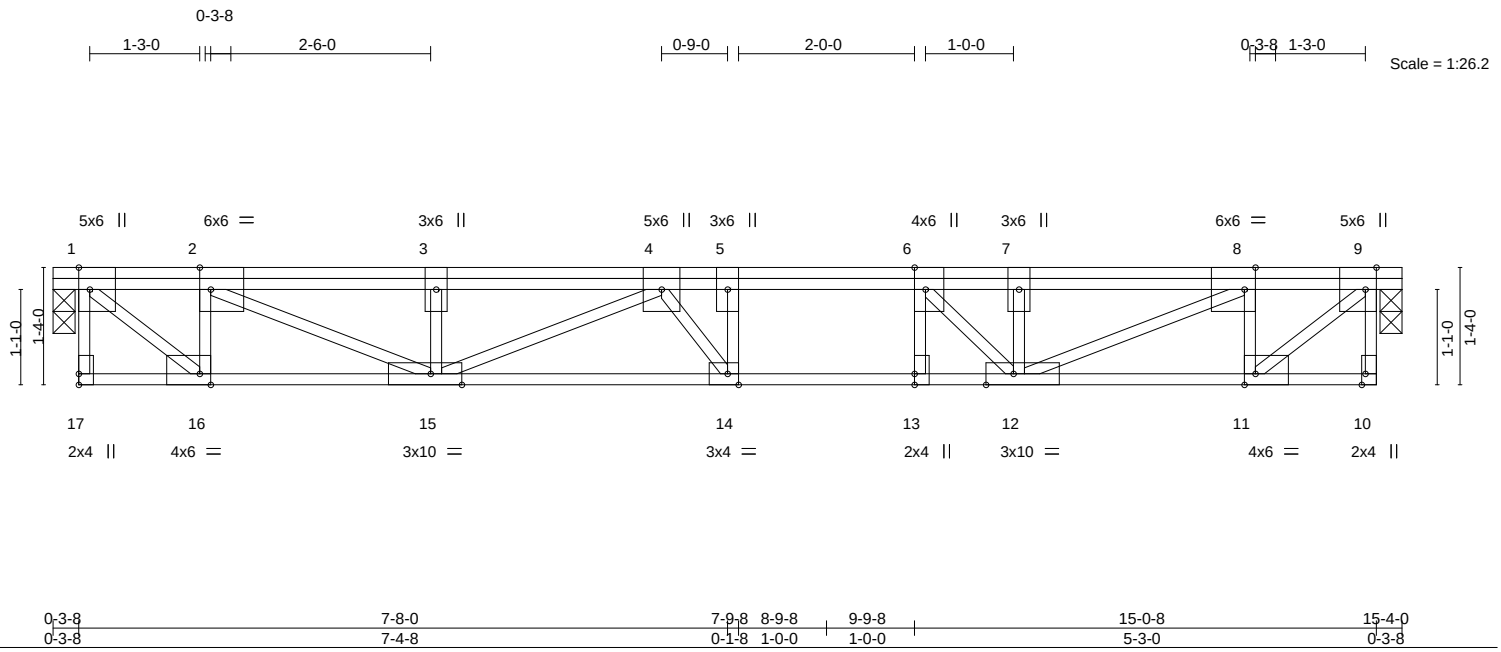


Plate Offsets (X,Y)-- [1:0-3-0,Edge], [2:0-1-8,Edge], [6:0-3-0,Edge], [8:0-1-8,Edge], [9:0-3-0,Edge], [10:0-1-8,Edge], [11:0-1-8,Edge], [12:0-3-12,Edge], [13:0-1-8,0-0-0], [14:0-1-8,Edge], [15:0-4-4,Edge], [16:0-1-8,Edge]

LOADING (psf)		**SPACING-**	1-4-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	60.0	Plate Grip DOL	1.00	TC	0.57	Vert(LL)	-0.11	14-15	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.56	Vert(CT)	-0.26	14-15	>673	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.96	Horz(CT)	-0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 99 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat) *Except* 2-15: 2x4 SP No.2(flat)

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.

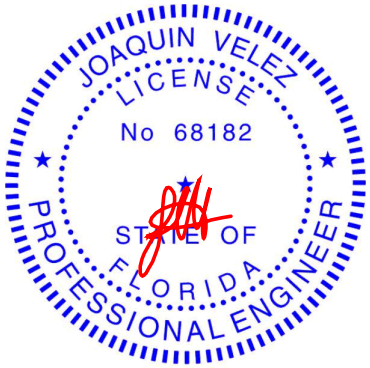
REACTIONS. (lb/size) 1=1346/0-3-0, 9=1346/0-3-0

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

TOP CHORD	1-2=-1529/0, 2-3=-3485/0, 3-4=-3485/0, 4-5=-4113/0, 5-6=-4113/0, 6-7=-3400/0, 7-8=-3400/0, 8-9=-1556/0
BOT CHORD	15-16=0/1529, 14-15=0/4251, 13-14=0/4113, 12-13=0/4113, 11-12=0/1556
WEBS	2-16=-1262/0, 1-16=0/1990, 8-11=-1267/0, 9-11=0/2025, 5-14=-140/318, 2-15=0/2134, 3-15=-478/0, 4-15=-839/0, 4-14=-443/178, 8-12=0/2012, 7-12=-266/116, 6-12=-1200/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.



Joaquin Velez PE No.68182
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Date:
April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F2	FLOOR	9	1	T16796548
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:50 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-b10pIt?ZyIN8GqG32z0leMVrPPa4NQBD1nIzXXzQ8kd

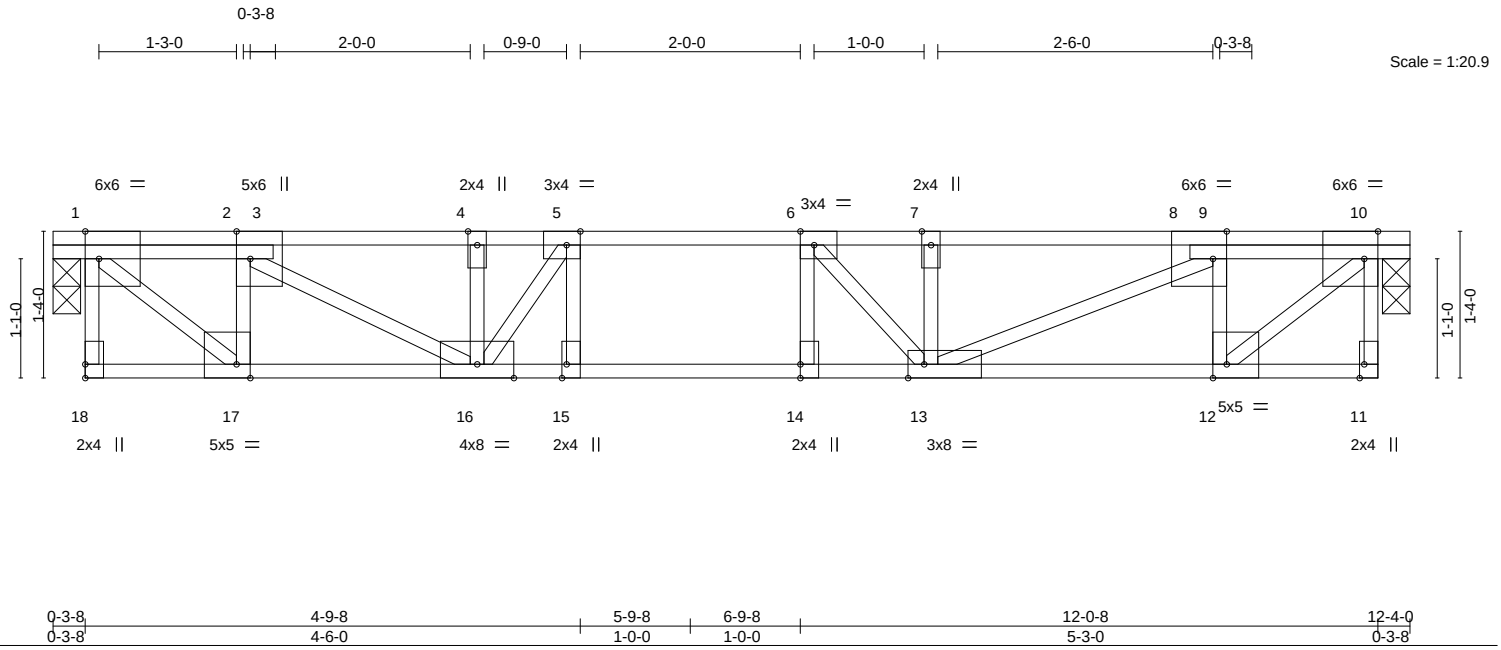


Plate Offsets (X,Y)-- [1:0-1-8,Edge], [2:0-3-0,Edge], [5:0-1-8,Edge], [6:0-1-8,Edge], [9:0-1-8,Edge], [10:0-1-8,Edge], [11:0-1-8,Edge], [12:0-1-8,Edge], [13:0-1-12,Edge], [14:0-1-8,0-0-0], [15:0-1-8,Edge], [17:0-1-8,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	60.0	Plate Grip DOL	1.00	TC	0.53	Vert(LL)	-0.09	13-14	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.62	Vert(CT)	-0.19	13-14	>747	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.94	Horz(CT)	-0.04	10	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 70 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat) *Except* 1-10: 2x4 SP M 31(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat) *Except* 1-17,10-12: 2x4 SP No.2(flat)

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.

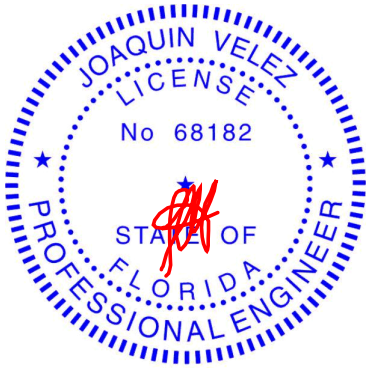
REACTIONS. (lb/size) 1=1604/0-3-0, 10=1604/0-3-0

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

TOP CHORD	1-2=-1695/0, 2-4=-3243/0, 4-5=-3243/0, 5-6=-3768/0, 6-7=-3536/0, 7-9=-3536/0, 9-10=-1722/0
BOT CHORD	16-17=0/1695, 15-16=0/3768, 14-15=0/3768, 13-14=0/3768, 12-13=0/1722
WEBS	2-17=-1377/0, 1-17=0/2206, 9-12=-1406/0, 10-12=0/2241, 5-15=-21/257, 2-16=0/1759, 4-16=-299/82, 9-13=0/1979, 7-13=-546/0, 6-13=-679/0, 5-16=-1159/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F3	FLOOR	4	1	T16796549
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:57 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-uOxTmG4yJSF8cvIPyxeOQrH1dE?aWhZFeNUqHdzQ8kW

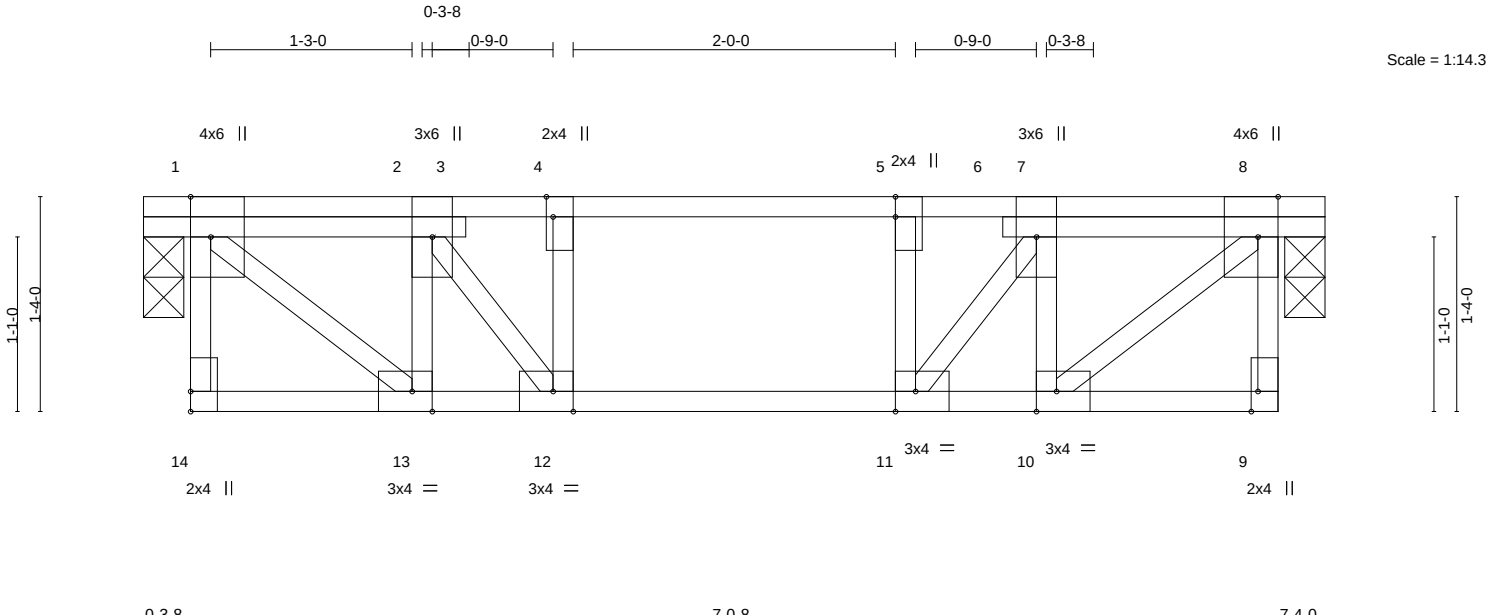


Plate Offsets (X,Y)-- [1:0-3-0,Edge], [4:0-1-8,Edge], [5:0-1-8,0-0-0], [8:0-3-0,Edge], [9:0-1-8,Edge], [10:0-1-8,Edge], [11:0-1-8,Edge], [12:0-1-8,Edge], [13:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	60.0	Plate Grip DOL	1.00	TC	0.53	Vert(LL)	-0.02	11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.44	Vert(CT)	-0.03	12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.52	Horz(CT)	-0.01	8	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 44 lb	FT = 5%F, 0%E

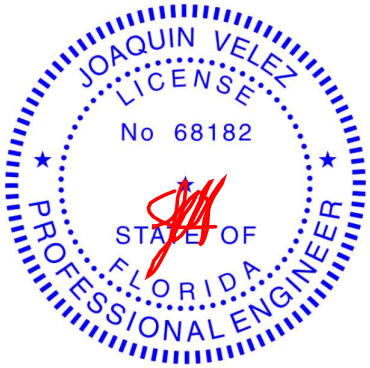
LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

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. (lb/size) 1=914/0-3-0, 8=914/0-3-0

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-836/0, 2-4=-1186/0, 4-5=-1186/0, 5-7=-1186/0, 7-8=-836/0
BOT CHORD 12-13=0/836, 11-12=0/1186, 10-11=0/836
WEBS 2-13=-683/0, 1-13=0/1088, 7-10=-683/0, 8-10=0/1088, 2-12=0/690, 7-11=0/690, 4-12=-481/0, 5-11=-481/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F4	Floor Supported Gable	2	1	T16796550
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:03 2019 Page 1
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0-1-8

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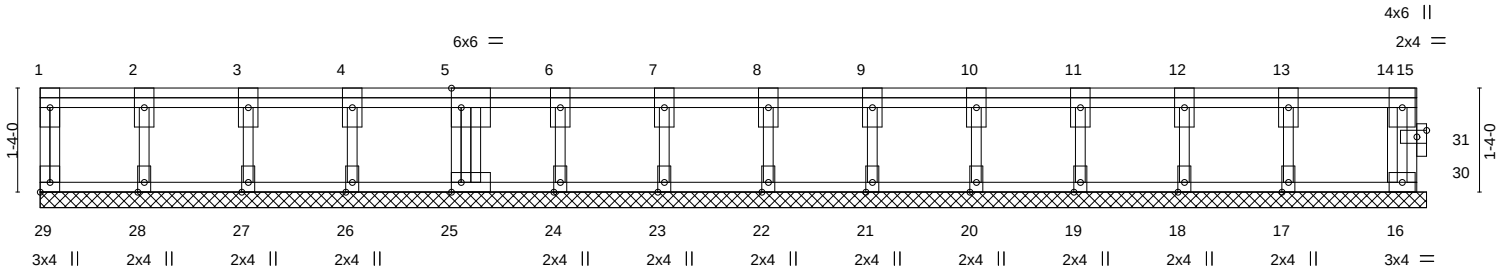


5-6-4 17-9-4
5-6-4 12-3-0

Plate Offsets (X,Y)-- [5:0-1-8,Edge], [14:0-0-0,0-0-12], [15:0-0-0,0-0-12], [25:0-1-8,Edge], [29:Edge,0-1-8], [30:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.35	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.12	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.19	Horz(CT)	0.00	16	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-R							Weight: 105 lb	FT = 5%F, 0%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.2(flat)

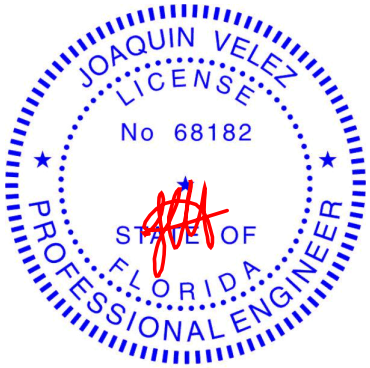
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 17-9-4.
(lb) - Max Grav All reactions 250 lb or less at joint(s) except 29=554(LC 1), 16=774(LC 1), 28=1237(LC 1), 27=1310(LC 1), 26=1256(LC 1), 25=1318(LC 1), 24=1259(LC 1), 23=1294(LC 1), 22=1282(LC 1), 21=1285(LC 1), 20=1282(LC 1), 19=1291(LC 1), 18=1252(LC 1), 17=1417(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-29=-534/0
WEBS 2-28=-1241/0, 3-27=-1292/0, 4-26=-1243/0, 5-25=-1305/0, 6-24=-1246/0, 7-23=-1280/0, 8-22=-1268/0, 9-21=-1271/0, 10-20=-1269/0, 11-19=-1277/0, 12-18=-1241/0, 13-17=-1397/0, 14-16=-751/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 1-4-0 oc.
7) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
8) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
9) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 16-29=-10, 1-15=-953
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 16-29=-10, 1-15=-953



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F5	Floor	11	1	T16796551
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:07 2019 Page 1
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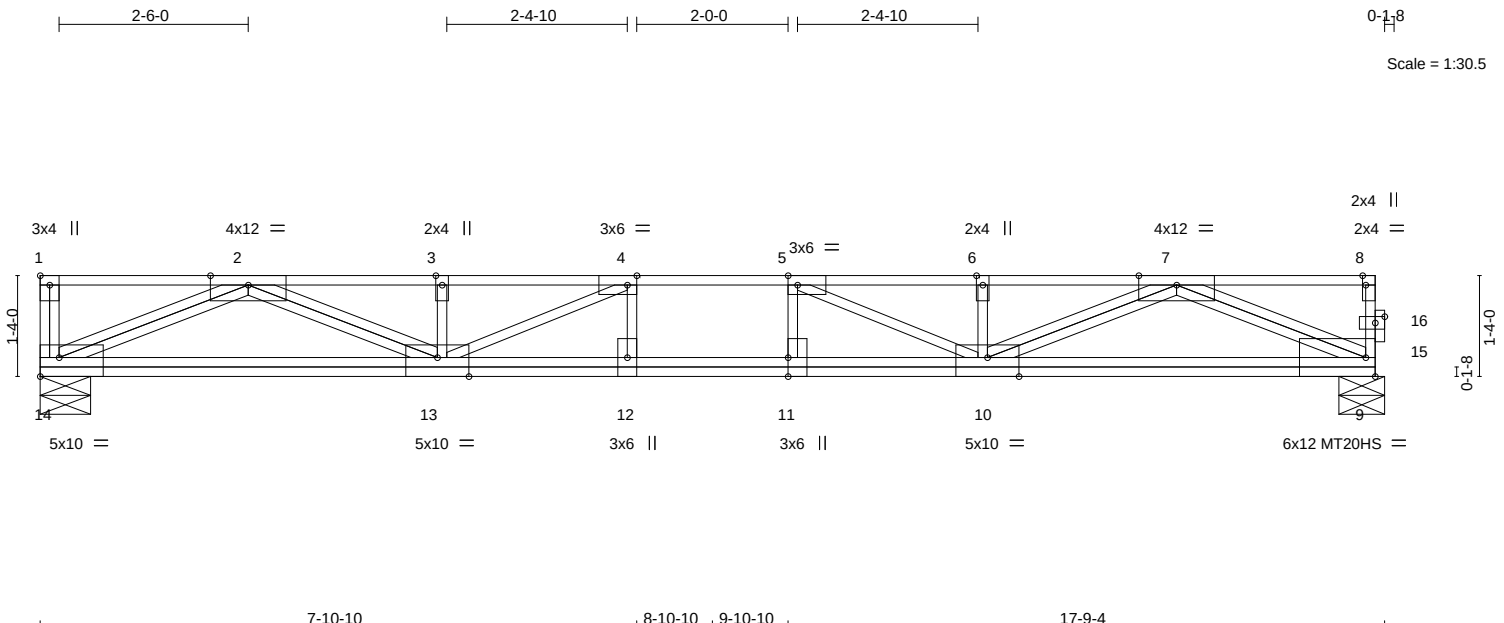


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [4:0-1-8,Edge], [5:0-1-8,Edge], [8:0-1-8,Edge], [10:0-5-0,Edge], [11:0-3-0,0-0-0], [13:0-5-0,Edge], [14:Edge,0-3-0], [15:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.64	Vert(LL)	-0.15	11-12	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.52	Vert(CT)	-0.45	11-12	>465	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.06	9	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 129 lb	FT = 5%F, 0%E

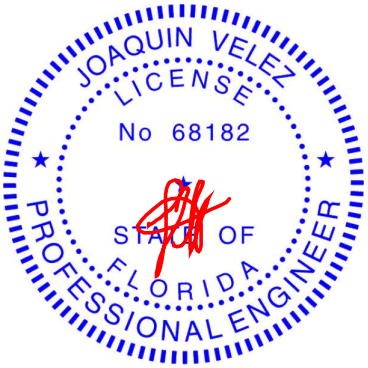
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) 14=2060/0-8-0, 9=2060/0-7-4

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6510/0, 3-4=-6554/0, 4-5=-7752/0, 5-6=-6506/0, 6-7=-6462/0
BOT CHORD 13-14=0/4095, 12-13=0/7752, 11-12=0/7752, 10-11=0/7752, 9-10=0/4012
WEBS 2-14=-4468/0, 2-13=0/2662, 3-13=-571/0, 4-13=-1581/0, 7-9=-4395/0, 7-10=0/2700, 6-10=-573/0, 5-10=-1626/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



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April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F6	Floor Supported Gable	1	1	T16796552
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:07 2019 Page 1
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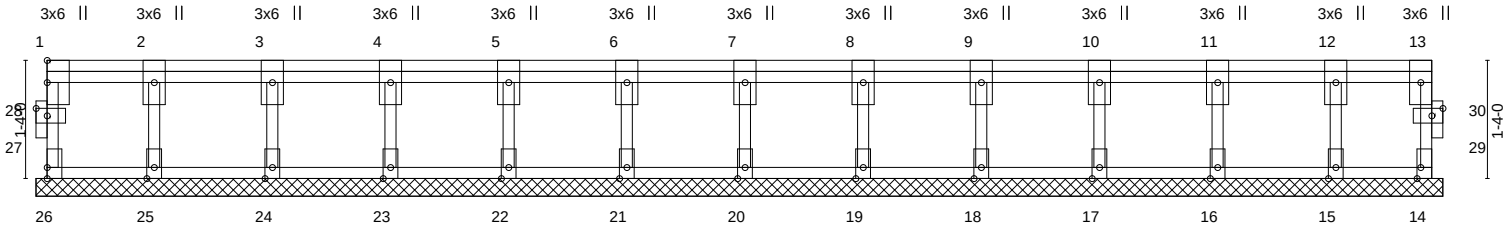
0-1-8 0-1-8

Scale = 1:26.0



15-10-8
15-10-8

Plate Offsets (X,Y)-- [14:0-1-8,Edge], [27:0-1-8,0-1-0], [29:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.10	Horz(CT)	0.00	14	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-R							Weight: 89 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.2(flat)

BRACING-

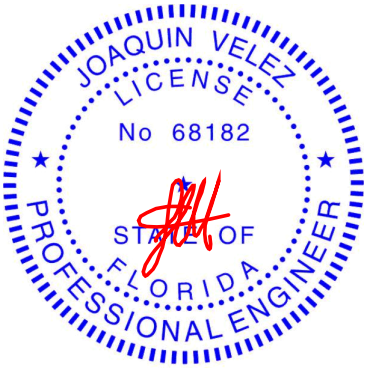
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 15-10-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 14 except 26=260(LC 1), 25=744(LC 1), 24=745(LC 1), 23=740(LC 1), 22=742(LC 1), 21=741(LC 1), 20=741(LC 1), 19=741(LC 1), 18=742(LC 1), 17=738(LC 1), 16=755(LC 1), 15=700(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-26=-254/0
WEBS 2-25=-733/0, 3-24=-731/0, 4-23=-727/0, 5-22=-728/0, 6-21=-728/0, 7-20=-728/0, 8-19=-728/0, 9-18=-729/0, 10-17=-725/0, 11-16=-741/0, 12-15=-691/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) All plates are 2x4 MT20 unless otherwise indicated.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 1-4-0 oc.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-26=-10, 1-13=-546



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F7	Floor	7	1	T16796553
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:08 2019 Page 1
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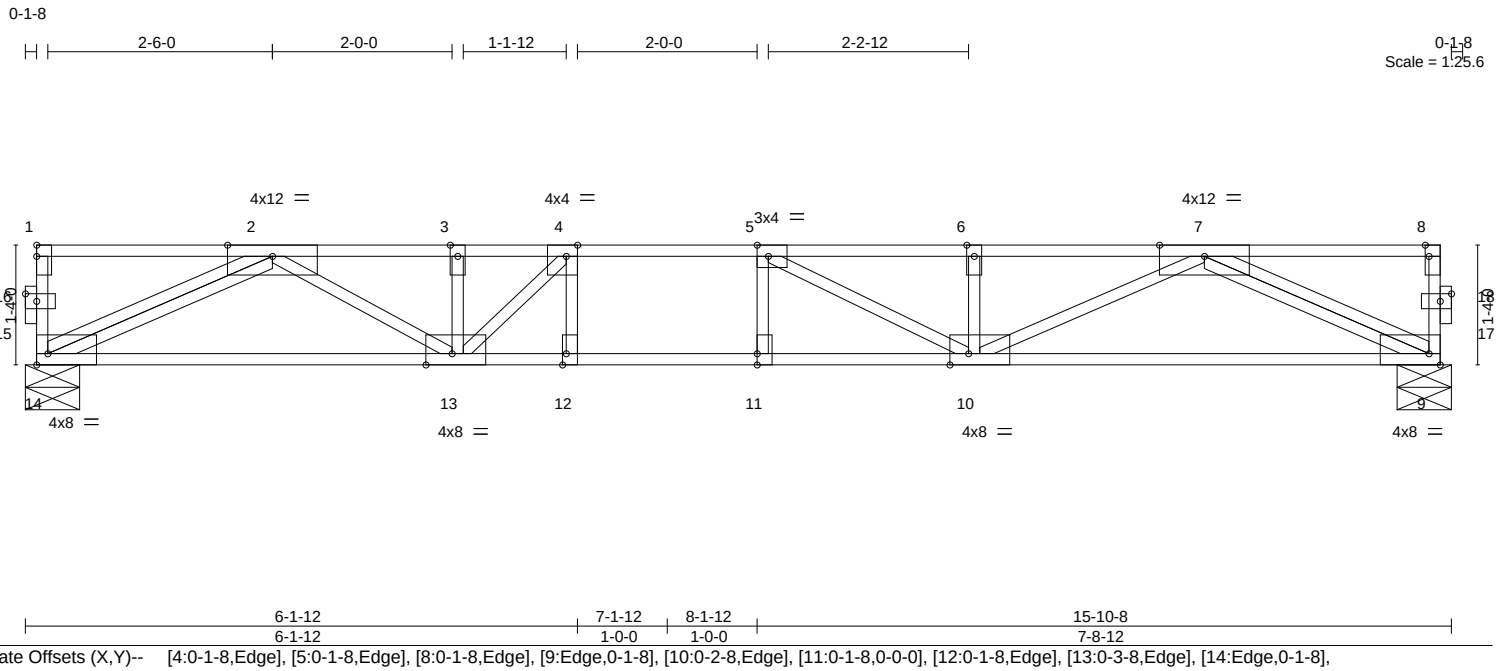


Plate Offsets (X,Y)-- [4:0-1-8,Edge], [5:0-1-8,Edge], [8:0-1-8,Edge], [9:Edge,0-1-8], [10:0-2-8,Edge], [11:0-1-8,0-0-0], [12:0-1-8,Edge], [13:0-3-8,Edge], [14:Edge,0-1-8], [15:0-1-8,0-1-0], [17:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.73	Vert(LL)	-0.17	10-11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.96	Vert(CT)	-0.47	10-11	>399	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.91	Horz(CT)	0.08	9	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 87 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP M 31(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat) *Except* 7-10: 2x4 SP No.2(flat)

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-9-4 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.

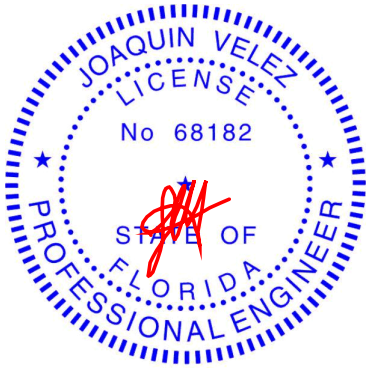
REACTIONS. (lb/size) 14=1829/0-7-4, 9=1829/0-7-4

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

TOP CHORD	2-3=-4910/0, 3-4=-4910/0, 4-5=-5754/0, 5-6=-5312/0, 6-7=-5312/0
BOT CHORD	13-14=0/3237, 12-13=0/5754, 11-12=0/5754, 10-11=0/5754, 9-10=0/3261
WEBS	4-12=0/295, 2-14=-3603/0, 2-13=0/1919, 3-13=-286/0, 4-13=-1375/0, 7-9=-3626/0, 7-10=0/2256, 6-10=-640/0, 5-10=-793/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F8	Floor Supported Gable	1	1	T16796554
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:08 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-3V6d40DrjqeaQbeX5kLzN9E0KfsQbmmsAafwAVzQ8kL

0-1-8

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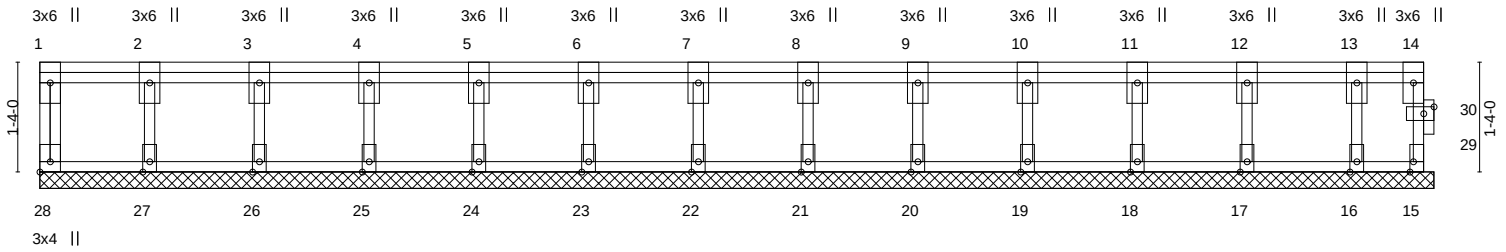


Plate Offsets (X,Y)-- [15:0-1-8,Edge], [28:Edge,0-1-8], [29:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.10	Horz(CT)	0.00	15	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-R							Weight: 97 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.2(flat)

BRACING-

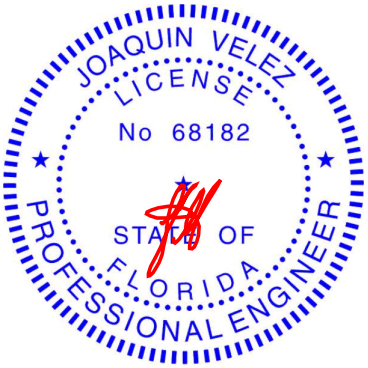
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 16-11-4.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 15 except 28=281(LC 1), 27=762(LC 1), 26=741(LC 1), 25=741(LC 1), 24=741(LC 1), 23=741(LC 1), 22=741(LC 1), 21=741(LC 1), 20=741(LC 1), 19=743(LC 1), 18=735(LC 1), 17=770(LC 1), 16=608(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-28=-279/0
WEBS 2-27=-745/0, 3-26=-728/0, 4-25=-728/0, 5-24=-728/0, 6-23=-728/0, 7-22=-728/0, 8-21=-728/0, 9-20=-728/0, 10-19=-729/0, 11-18=-722/0, 12-17=-755/0, 13-16=-607/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) All plates are 2x4 MT20 unless otherwise indicated.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 1-4-0 oc.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
8) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 15-28=-10, 1-14=-546



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Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F9	Floor	14	1	T16796555
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:09 2019 Page 1
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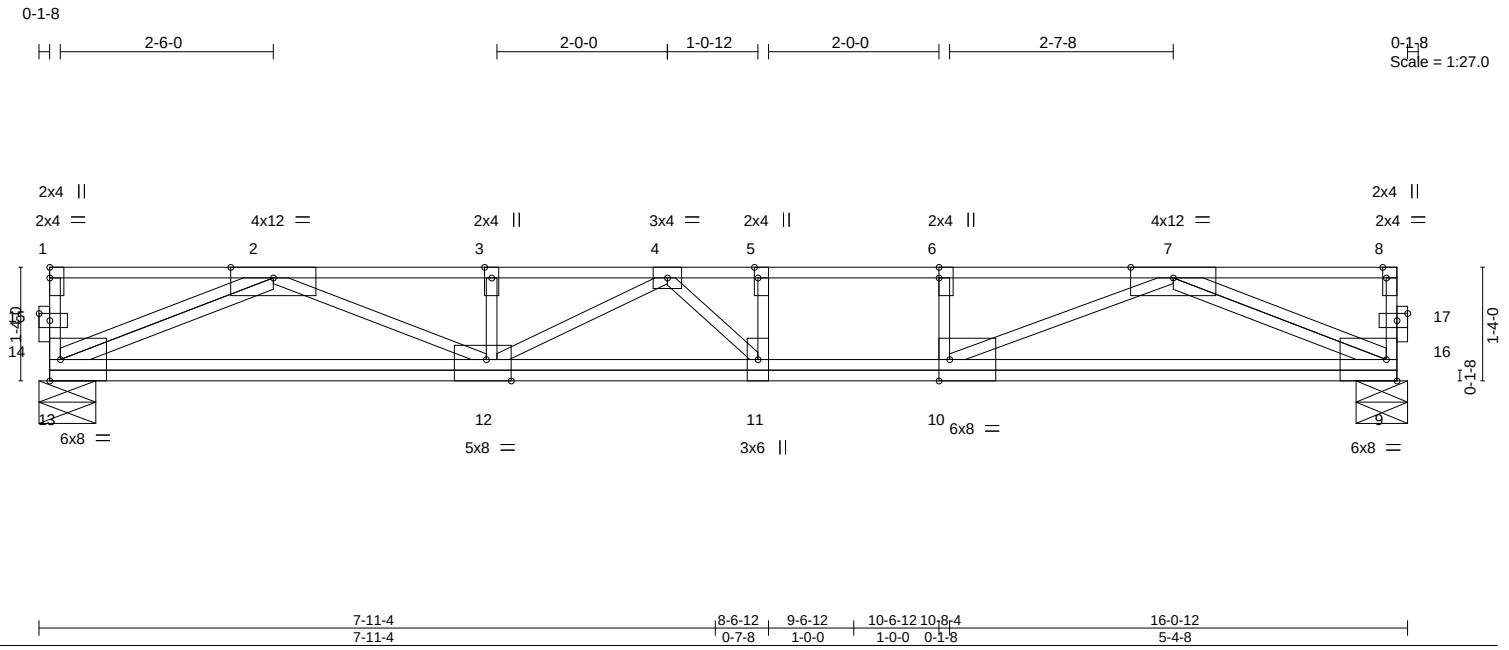


Plate Offsets (X,Y)-- [5:0-1-8,Edge], [6:0-1-8,Edge], [8:0-1-8,Edge], [10:0-1-8,Edge], [12:0-3-8,Edge], [14:0-1-8,0-1-0], [16:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.76	Vert(LL)	-0.15	11-12	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.67	Vert(CT)	-0.44	11-12	>427	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.04	9	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 108 lb	FT = 5%F, 0%E

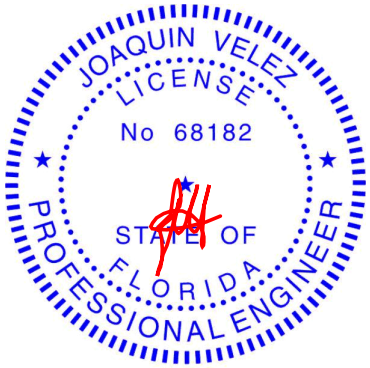
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat) *Except*
2-12,7-10: 2x4 SP No.2(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 13=1851/0-8-0, 9=1851/0-7-4

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5650/0, 3-4=-5650/0, 4-5=-5946/0, 5-6=-5946/0, 6-7=-5946/0
BOT CHORD 12-13=0/3483, 11-12=0/6145, 10-11=0/5946, 9-10=0/3536
WEBS 6-10=-688/0, 2-13=-3838/0, 2-12=0/2361, 3-12=-508/0, 4-12=-687/0, 4-11=-450/91, 7-9=-3895/0, 7-10=0/2608

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F10	Floor Supported Gable	1	1	T16796556
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:44 2019 Page 1
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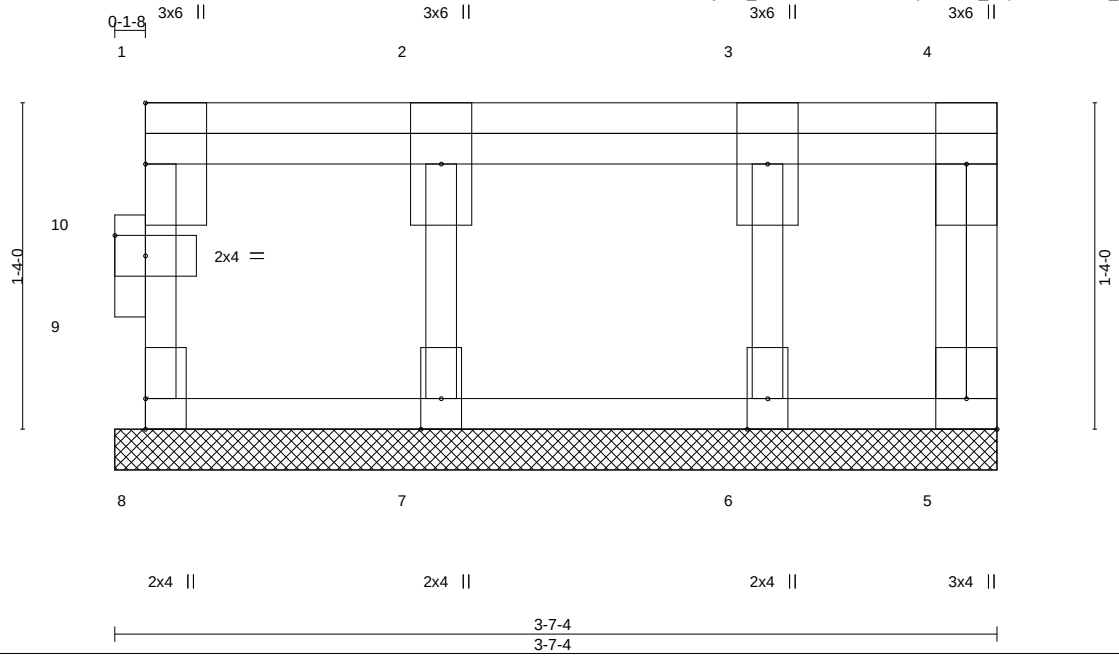


Plate Offsets (X,Y)-- [5:Edge,0-1-8], [9:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.10	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-R							Weight: 23 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.2(flat)

BRACING-

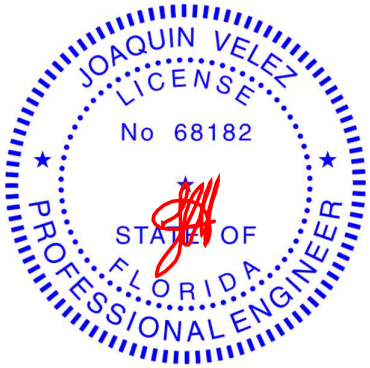
TOP CHORD	Structural wood sheathing directly applied or 3-7-4 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 3-7-4.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 5 except 8=258(LC 1), 7=768(LC 1), 6=633(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-251/0
WEBS 2-7=-757/0, 3-6=-623/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) Plates checked for a plus or minus 0 degree rotation about its center.
3) Gable requires continuous bottom chord bearing.
4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
5) Gable studs spaced at 1-4-0 oc.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 5-8=-10, 1-4=-546



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F11	Floor	5	1	T16796557
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:44 2019 Page 1
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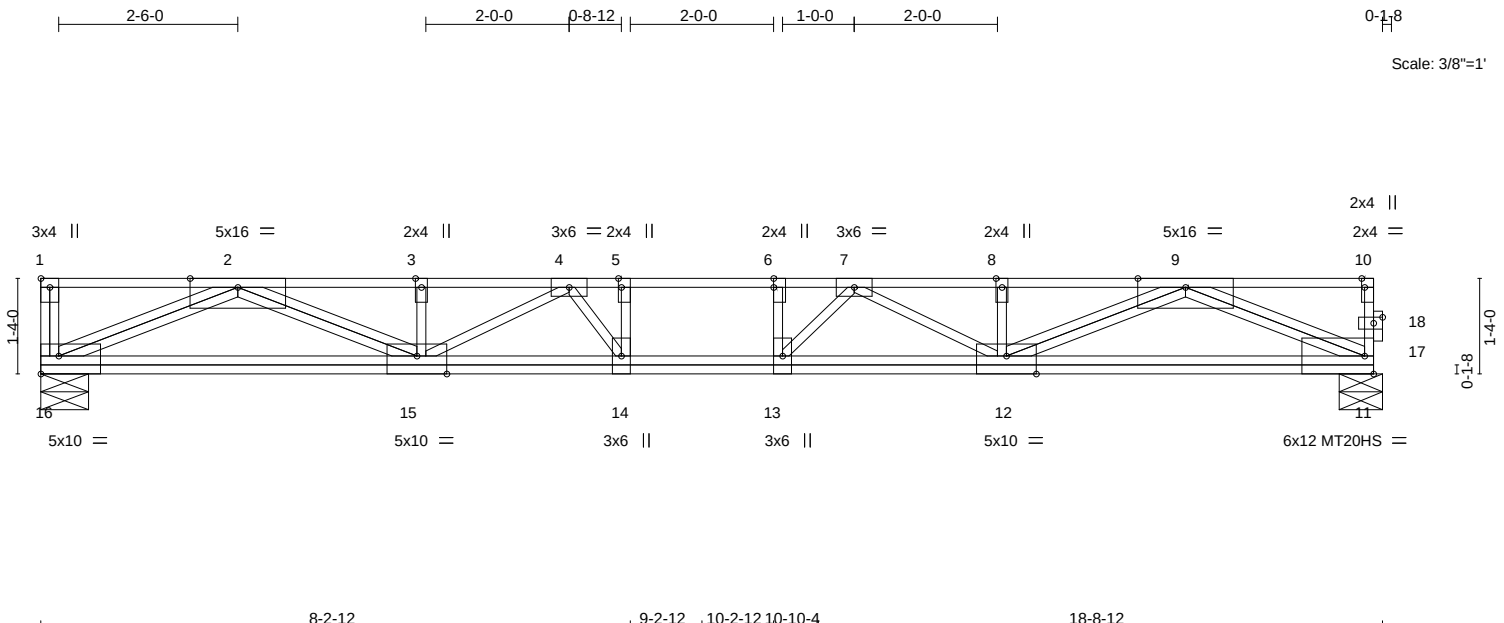


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1-8,0-0-0], [10:0-1-8,Edge], [12:0-5-0,Edge], [15:0-5-0,Edge], [16:Edge,0-3-0], [17:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.95	Vert(LL)	-0.19	13-14	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.56	Vert(CT)	-0.55	13-14	>399	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.70	Horz(CT)	0.07	11	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 136 lb	FT = 5%F, 0%E

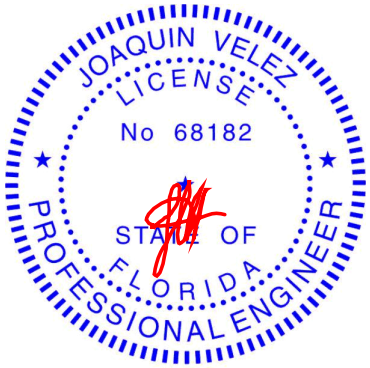
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-7-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 16=2173/0-8-0, 11=2173/0-7-4

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6978/0, 3-4=-7024/0, 4-5=-8595/0, 5-6=-8595/0, 6-7=-8595/0, 7-8=-6978/0, 8-9=-6932/0
BOT CHORD 15-16=0/4354, 14-15=0/8315, 13-14=0/8595, 12-13=0/8270, 11-12=0/4270
WEBS 5-14=-466/0, 6-13=-424/0, 2-16=-4751/0, 2-15=0/2894, 3-15=-513/0, 4-15=-1535/0, 9-11=-4677/0, 9-12=0/2937, 8-12=-515/0, 7-12=-1499/0, 7-13=0/768, 4-14=0/786

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F12	Floor	3	1	T16796558
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Mar 23 2019 MiTek Industries, Inc. Wed Apr 17 09:21:20 2019 Page 1

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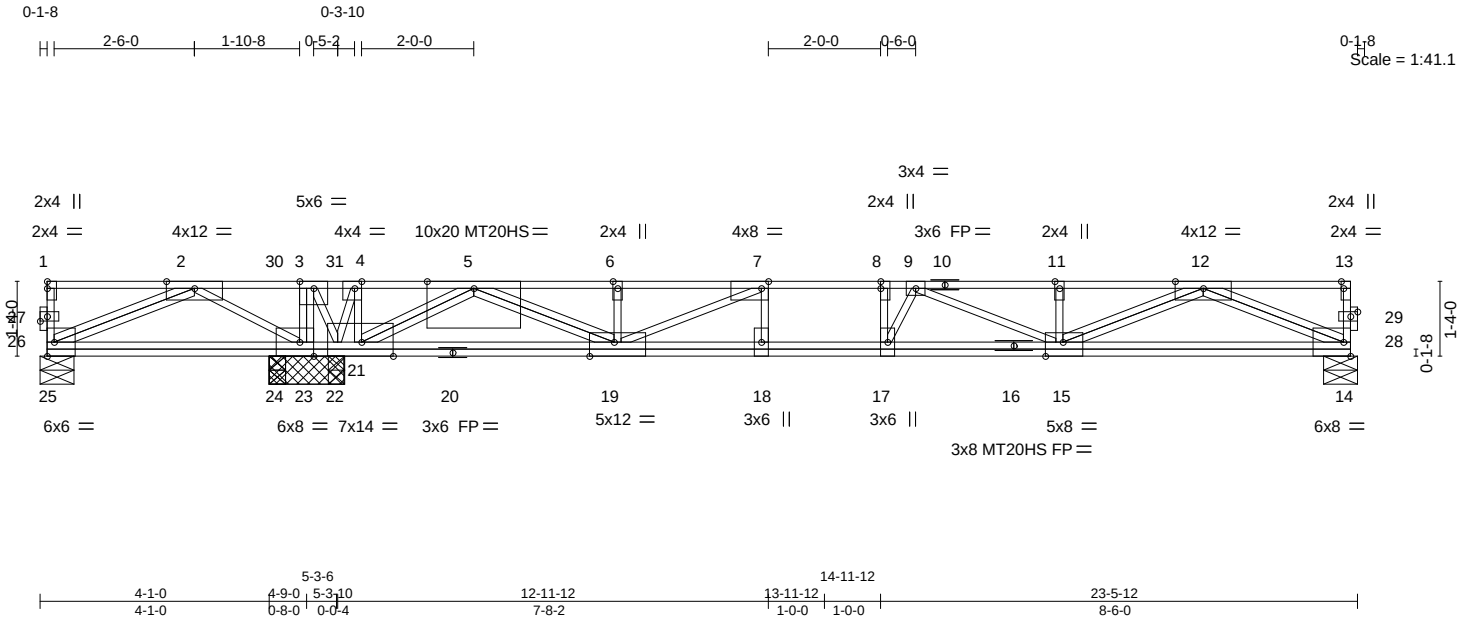


Plate Offsets (X,Y)-- [4:0-1-8,Edge], [7:0-1-8,Edge], [8:0-1-8,0-0-0], [13:0-1-8,Edge], [15:0-3-12,Edge], [19:0-5-4,Edge], [21:0-6-12,Edge], [23:0-3-0,Edge], [26:0-1-8,0-1-0], [28:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.71	Vert(LL)	-0.15	15-17	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.94	Vert(CT)	-0.44	15-17	>492	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.03	14	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 172 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP No.2(flat) *Except*
16-25,14-20: 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat) *Except*
: 2x4 SP No.2(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-8-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

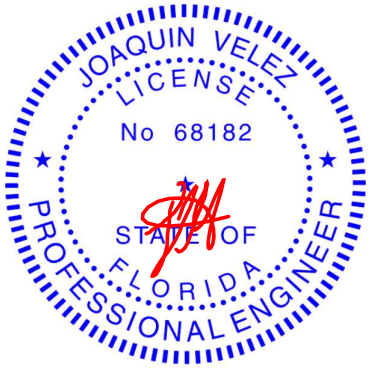
REACTIONS. All bearings 1-4-0 except (jt=length) 25=0-7-4, 14=0-7-4, 24=0-3-8, 24=0-3-8.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 25=-482(LC 5), 23=-2728(LC 5)
Max Grav All reactions 250 lb or less at joint(s) except 14=1808(LC 5), 22=6145(LC 5), 22=6127(LC 1), 24=345(LC 5), 24=344(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-30=0/3271, 3-30=0/3271, 3-31=0/4465, 4-31=0/4465, 4-5=0/4084, 5-6=-3027/0, 6-7=-3070/0, 7-8=-5650/0, 8-9=-5650/0, 9-10=-5456/0, 10-11=-5456/0, 11-12=-5414/0
BOT CHORD 24-25=-1373/0, 23-24=-1373/0, 22-23=-3271/0, 21-22=-4084/0, 20-21=-279/0, 19-20=-279/0, 18-19=0/5650, 17-18=0/5650, 16-17=0/5895, 15-16=0/5895, 14-15=0/3476
WEBS 7-18=0/489, 3-23=0/2271, 2-25=0/1515, 2-23=-2403/0, 7-19=-2818/0, 6-19=-578/0, 5-19=0/3643, 5-21=-4338/0, 4-21=0/855, 12-14=-3808/0, 12-15=0/2135, 11-15=-560/0, 9-15=-658/0, 9-17=-688/0, 3-22=-2742/0, 4-22=-1275/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 482 lb uplift at joint 25 and 2728 lb uplift at joint 23.
6) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement **at the bearings 23 & 25. Building designer must provide for uplift reactions indicated.**
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
8) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F13	Floor	1	1	T16796559
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:46 2019 Page 1
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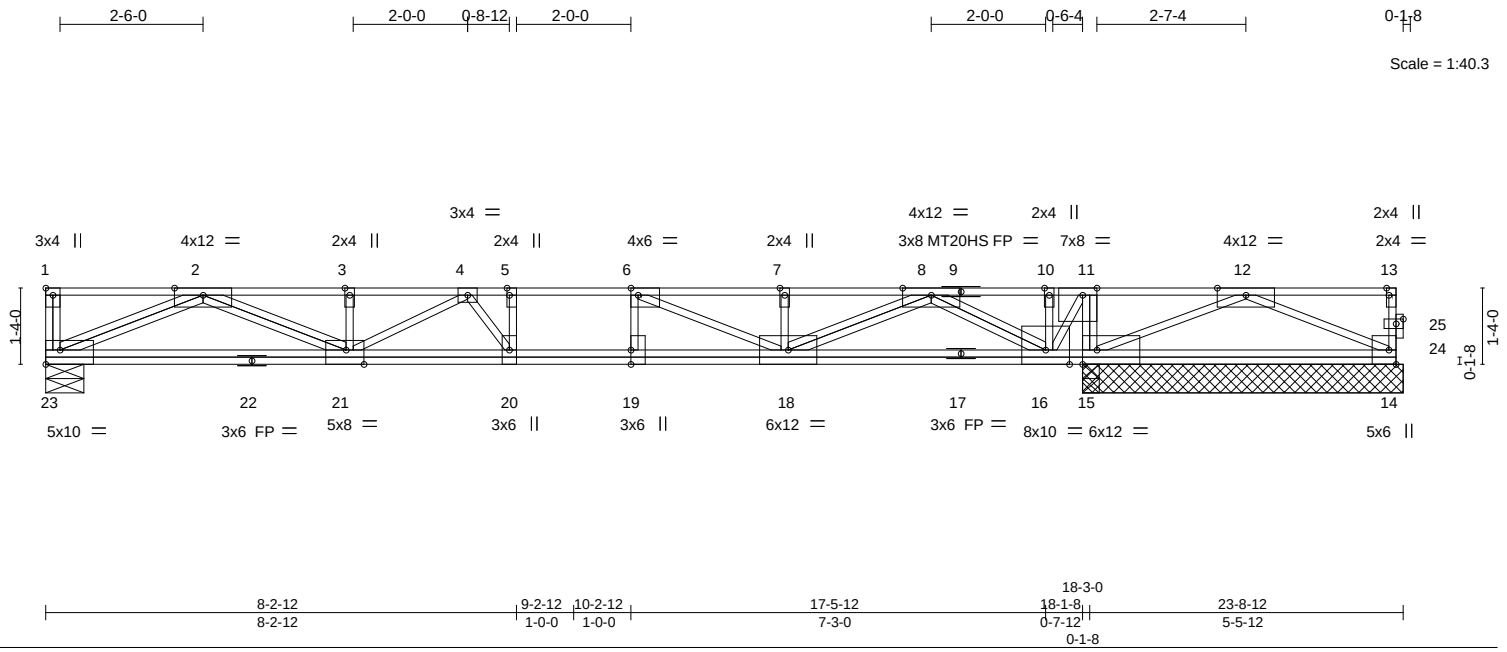


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1-8,Edge], [11:0-3-0,Edge], [13:0-1-8,Edge], [15:0-3-0,Edge], [19:0-3-0,0-0-0], [21:0-3-12,Edge], [23:Edge,0-3-0], [24:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.79	Vert(LL)	-0.15	20-21	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.59	Vert(CT)	-0.43	20-21	>508	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.04	15	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 169 lb	FT = 5%F, 0%E

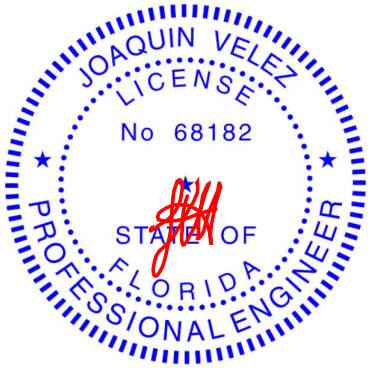
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP No.2(flat) *Except*
17-23,14-22: 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat) *Except*
11-16: 2x4 SP No.2(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 15-16,14-15.

REACTIONS. (lb/size) 23=1846/0-8-0, 14=-380/5-7-4, 15=4061/5-7-4, 15=4061/5-7-4
Max Uplift 14=-380(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5571/0, 3-4=-5615/0, 4-5=-6016/0, 5-6=-6016/0, 6-7=-3725/0, 7-8=-3682/0, 8-10=0/2916, 10-11=0/2902, 11-12=0/4413
BOT CHORD 21-23=0/3629, 20-21=0/6134, 19-20=0/6016, 18-19=0/6016, 16-18=0/575, 15-16=-4413/0, 14-15=-1367/0
WEBS 6-19=0/418, 11-15=-2640/0, 2-23=-3960/0, 2-21=0/2142, 3-21=-502/0, 4-21=-731/0, 6-18=-2554/0, 7-18=-581/0, 8-18=0/3431, 8-16=-4032/0, 12-14=0/1498, 12-15=-3303/0, 4-20=-374/133, 11-16=0/2602

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 380 lb uplift at joint 14.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F14	Floor	4	1	T16796560
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:46 2019 Page 1
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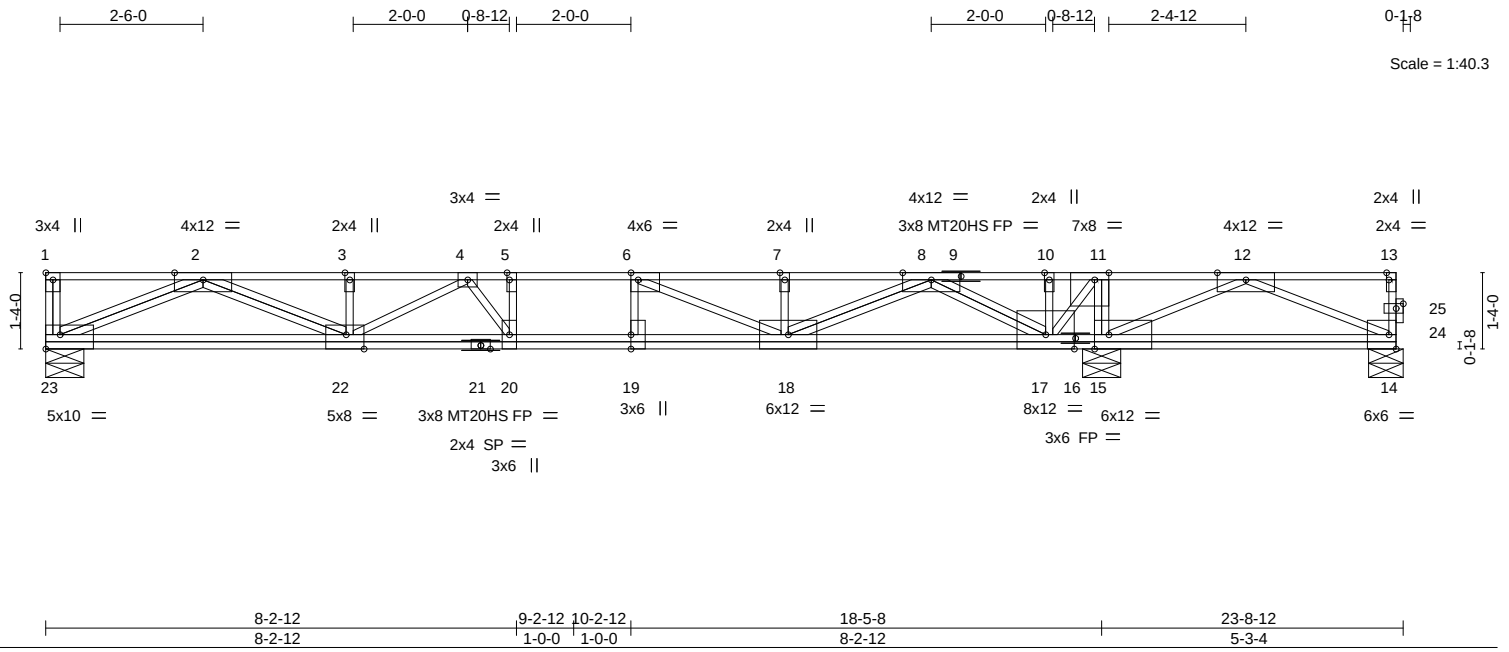


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1-8,Edge], [11:0-3-0,Edge], [13:0-1-8,Edge], [15:0-3-0,Edge], [19:0-3-0,0-0-0], [22:0-3-12,Edge], [23:Edge,0-3-0], [24:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.81	Vert(LL)	-0.15	20-22	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.59	Vert(CT)	-0.43	20-22	>508	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.99	Horz(CT)	0.04	15	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 169 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat) *Except*
14-16: 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat) *Except*
11-17: 2x4 SP No.2(flat)

BRACING-

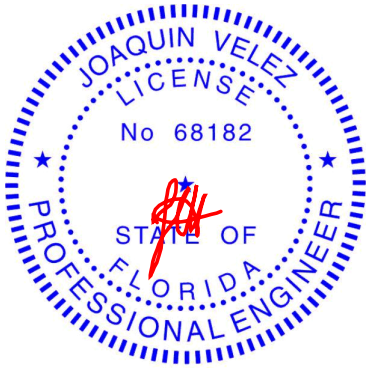
TOP CHORD Structural wood sheathing directly applied or 5-6-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 15-17,14-15.

REACTIONS. (lb/size) 23=1858/0-8-0, 14=-502/0-7-4, 15=4170/0-8-0
Max Uplift 14=-698(LC 3)
Max Grav 23=1860(LC 3), 15=4170(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5631/0, 3-4=-5675/0, 4-5=-6130/0, 5-6=-6130/0, 6-7=-3886/0, 7-8=-3843/0, 8-10=0/2738, 10-11=0/2717, 11-12=0/4687
BOT CHORD 22-23=0/3661, 20-22=0/6230, 19-20=0/6130, 18-19=0/6130, 17-18=0/765, 15-17=-4687/0, 14-15=-1899/0
WEBS 6-19=0/407, 11-15=-2662/0, 2-23=-3995/0, 2-22=0/2173, 3-22=-502/0, 4-22=-764/0, 6-18=-2520/0, 7-18=-582/0, 8-18=0/3403, 8-17=-4014/0, 10-17=-262/0, 11-17=0/3001, 12-14=0/2081, 12-15=-3345/0, 4-20=-354/158

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) The Fabrication Tolerance at joint 21 = 0%
5) Plates checked for a plus or minus 0 degree rotation about its center.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 698 lb uplift at joint 14.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
8) CAUTION, Do not erect truss backwards.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F15	Floor	11	1	T16796561
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:47 2019 Page 1
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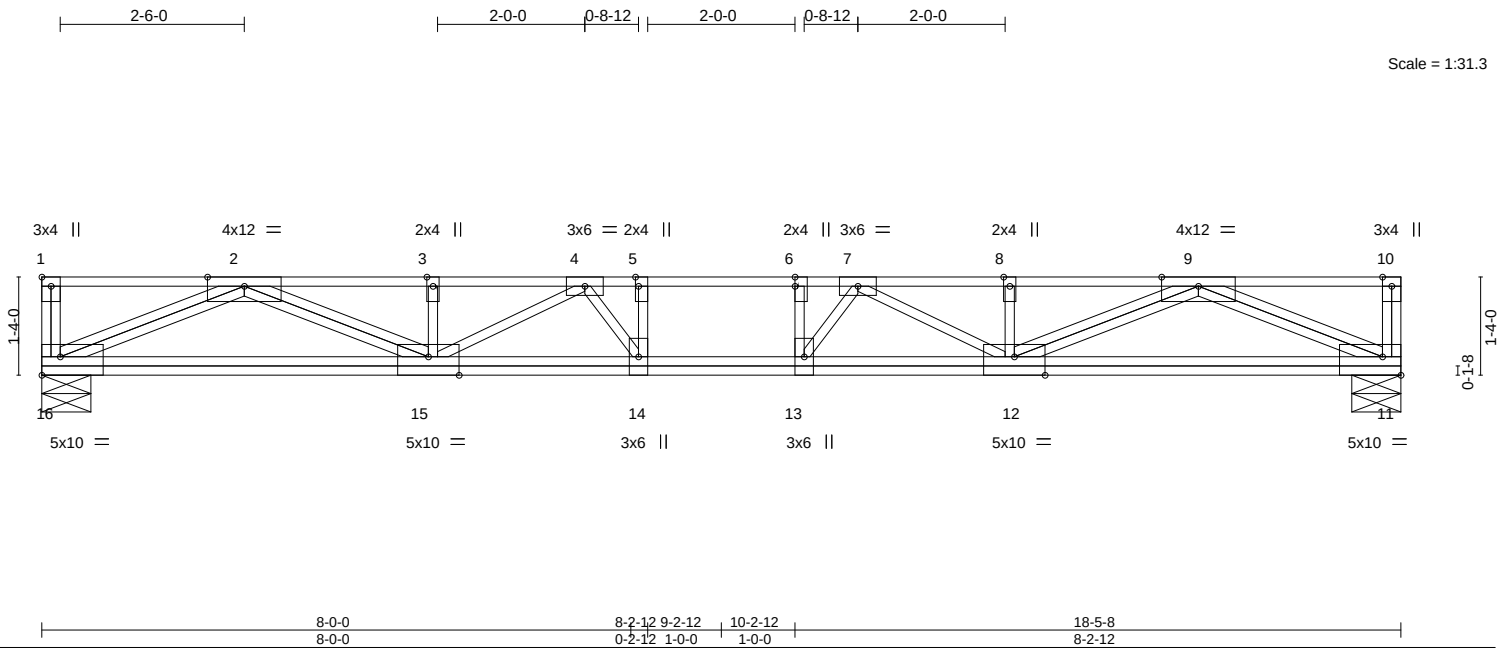


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1-8,0-0-0], [11:Edge,0-3-0], [12:0-5-0,Edge], [15:0-5-0,Edge], [16:Edge,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.77	Vert(LL)	-0.18	13-14	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.53	Vert(CT)	-0.53	13-14	>413	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.07	11	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 136 lb	FT = 5%F, 0%E

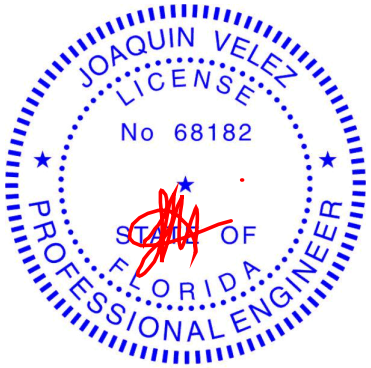
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) 16=2149/0-8-0, 11=2149/0-8-0

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6872/0, 3-4=-6918/0, 4-5=-8402/0, 5-6=-8402/0, 6-7=-8402/0, 7-8=-6918/0, 8-9=-6872/0
BOT CHORD 15-16=0/4300, 14-15=0/8152, 13-14=0/8402, 12-13=0/8152, 11-12=0/4300
WEBS 5-14=-448/0, 6-13=-448/0, 2-16=-4692/0, 2-15=0/2838, 3-15=-512/0, 4-15=-1472/0, 9-11=-4692/0, 9-12=0/2838, 8-12=-512/0, 7-12=-1472/0, 4-14=0/735, 7-13=0/735

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F16	Floor Supported Gable	1	1	T16796562
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:48 2019 Page 1
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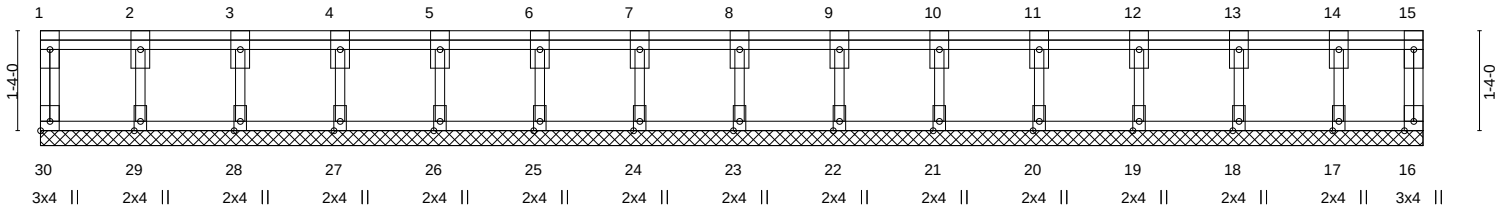


18-5-8
18-5-8

Plate Offsets (X,Y)-- [30:Edge,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.18	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.10	Horz(CT)	0.00	16	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-R							Weight: 107 lb	FT = 5%F, 0%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.2(flat)

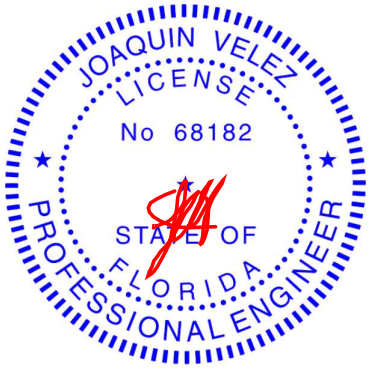
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 18-5-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 16 except 30=293(LC 1), 29=747(LC 1), 28=744(LC 1), 27=741(LC 1), 26=741(LC 1), 25=741(LC 1), 24=741(LC 1), 23=741(LC 1), 22=741(LC 1), 21=741(LC 1), 20=742(LC 1), 19=737(LC 1), 18=761(LC 1), 17=669(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-30=-287/0
WEBS 2-29=-735/0, 3-28=-730/0, 4-27=-727/0, 5-26=-728/0, 6-25=-728/0, 7-24=-728/0, 8-23=-728/0, 9-22=-728/0, 10-21=-728/0, 11-20=-729/0, 12-19=-724/0, 13-18=-746/0, 14-17=-663/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 1-4-0 oc.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 16-30=-10, 1-15=-546



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F17	Floor Supported Gable	1	1	T16796563
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:48 2019 Page 1
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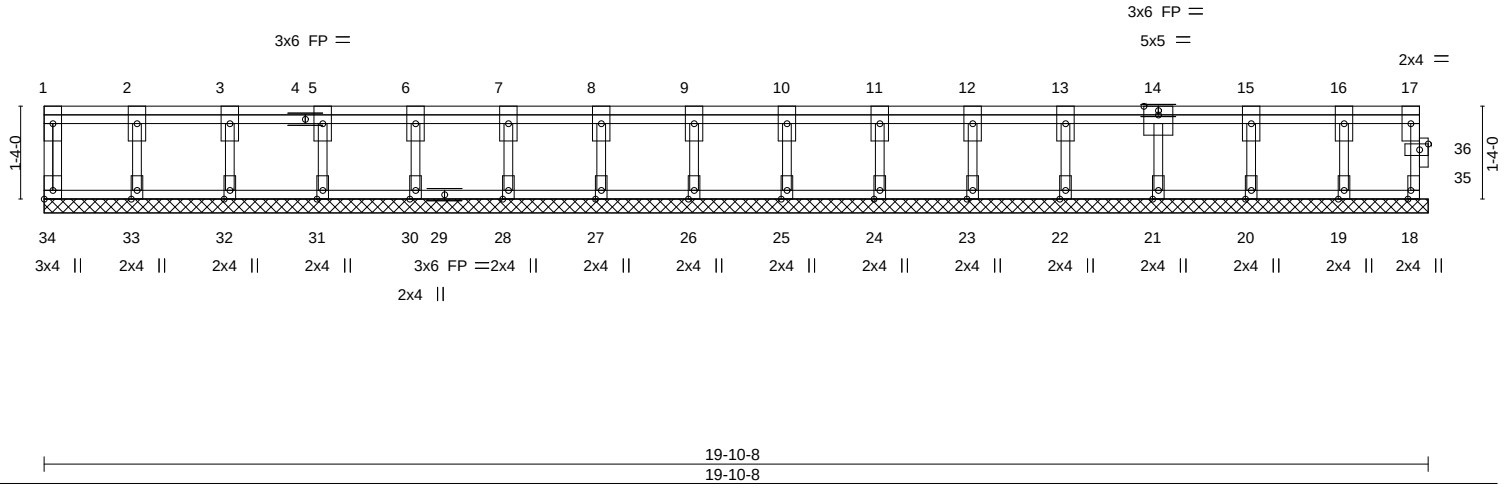


Plate Offsets (X,Y)-- [18:0-1-8,Edge], [34:Edge,0-1-8], [35:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.10	Horz(CT)	0.00	18	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-R							Weight: 113 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.2(flat)

BRACING-

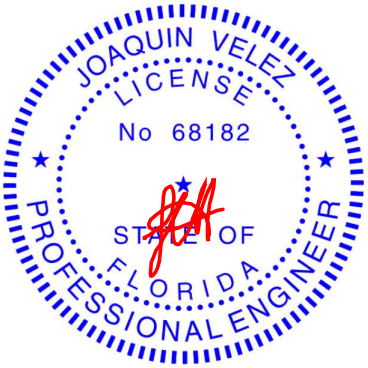
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 19-10-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 18 except 34=274(LC 1), 33=731(LC 1), 32=715(LC 1), 31=715(LC 1), 30=715(LC 1), 28=715(LC 1), 27=715(LC 1), 26=715(LC 1), 25=715(LC 1), 24=715(LC 1), 23=715(LC 1), 22=715(LC 1), 21=711(LC 1), 20=729(LC 1), 19=666(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-34=-271/0
WEBS 2-33=-715/0, 3-32=-702/0, 5-31=-701/0, 6-30=-701/0, 7-28=-701/0, 8-27=-701/0, 9-26=-701/0, 10-25=-701/0, 11-24=-701/0, 12-23=-701/0, 13-22=-702/0, 14-21=-698/0, 15-20=-714/0, 16-19=-660/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 1-4-0 oc.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
8) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 18-34=-10, 1-17=-526



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Date:
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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F18	Floor	1	1	T16796564
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Mar 23 2019 MiTek Industries, Inc. Wed Apr 17 09:24:51 2019 Page 1

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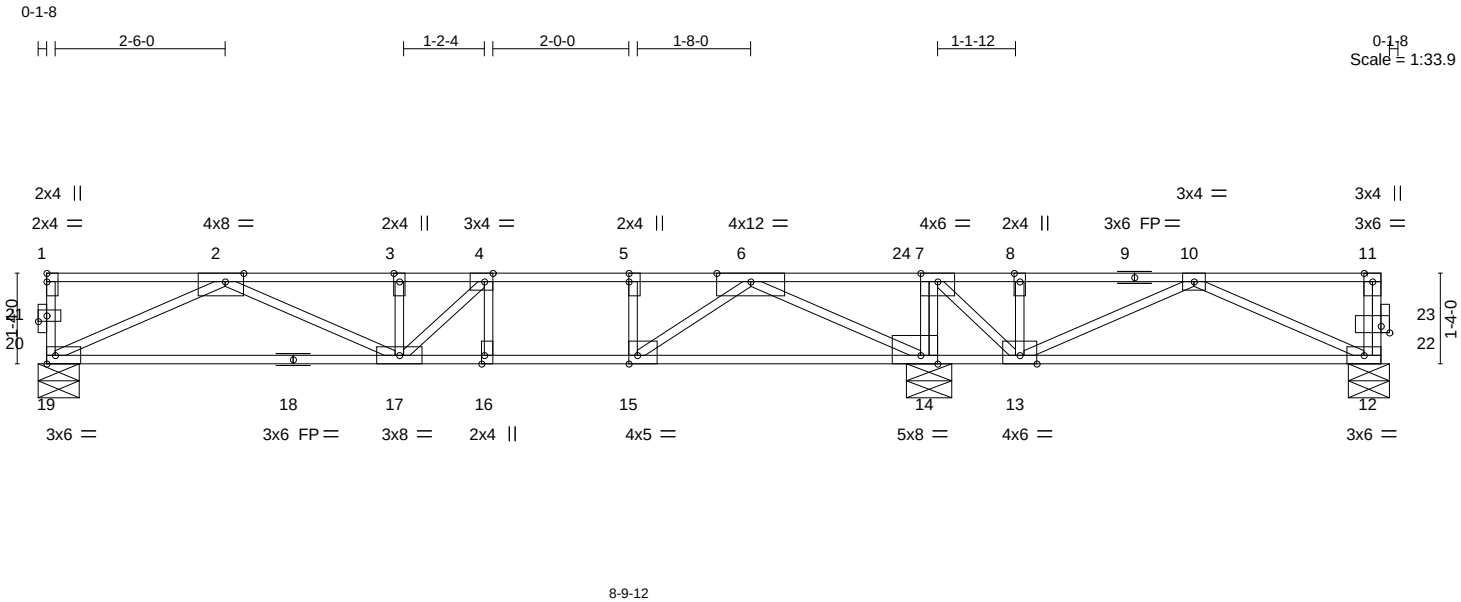


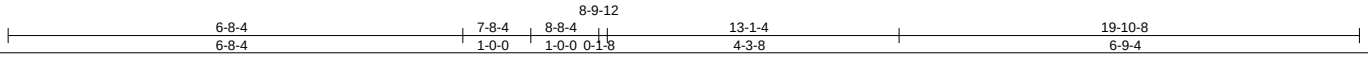


Plate Offsets (X,Y)-- [2:0-3-4,Edge], [4:0-1-8,Edge], [5:0-1-8,0-0-0], [14:0-3-0,Edge], [15:0-1-8,Edge], [16:0-1-8,Edge], [20:0-1-8,0-1-0], [22:0-1-8,0-1-2]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.89	Vert(LL)	-0.12	16-17	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.87	Vert(CT)	-0.35	16-17	>440	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.05	12	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 102 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat) *Except* 1-9: 2x4 SP M 31(flat)

BOT CHORD 2x4 SP No.2(flat) *Except* 12-18: 2x4 SP M 31(flat)

WEBS 2x4 SP No.3(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 13-14.

REACTIONS. (lb/size) 14=2573/0-8-0 (min. 0-1-8), 19=1430/0-7-4 (min. 0-1-8), 12=583/0-7-4 (min. 0-1-8)
Max Grav 14=2573(LC 1), 19=1438(LC 3), 12=649(LC 7)

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

TOP CHORD 2-3=-3639/0, 3-4=-3639/0, 4-5=-3331/0, 5-6=-3331/0, 6-24=0/1084, 7-24=0/1084

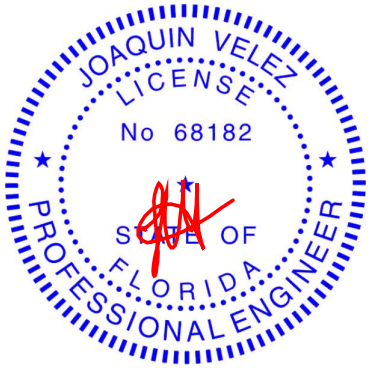
BOT CHORD 18-19=0/2515, 17-18=0/2515, 16-17=0/3331, 15-16=0/3331, 14-15=0/1975, 13-14=-1084/0, 12-13=0/856

WEBS 4-16=-329/0, 5-15=-746/0, 7-14=-1329/0, 2-19=-2781/0, 2-17=0/1243, 3-17=-626/0, 4-17=0/518, 6-14=-3103/0, 6-15=0/1674, 10-12=-942/0, 10-13=-927/0, 8-13=-381/0, 7-13=0/1195

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F19	Floor	13	1	T16796565
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:50 2019 Page 1
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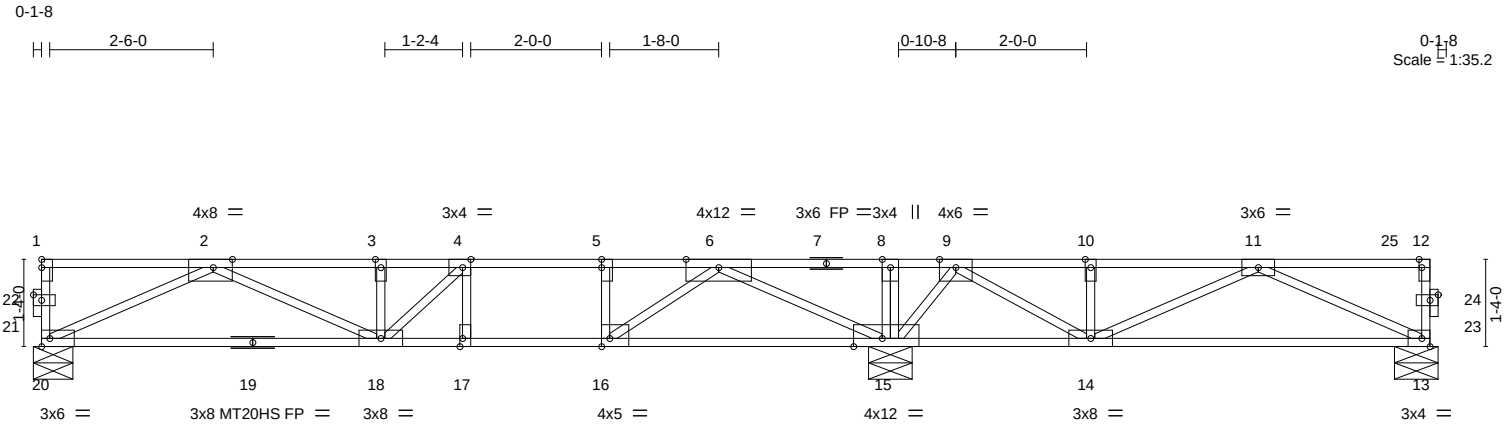


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-1-8,Edge], [5:0-1-8,0-0-0], [12:0-1-8,Edge], [15:0-5-4,Edge], [16:0-1-8,Edge], [17:0-1-8,Edge], [21:0-1-8,0-1-0], [23:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	1.00	Vert(LL)	-0.13	17-18	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.89	Vert(CT)	-0.36	17-18	>431	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.05	13	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 108 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat) *Except* 1-7: 2x4 SP M 31(flat)
BOT CHORD 2x4 SP No.2(flat) *Except* 13-19: 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 14-15.

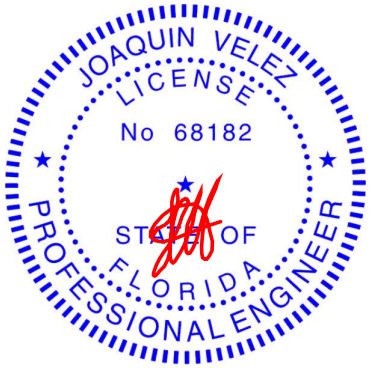
REACTIONS. (lb/size) 13=801/0-8-0, 20=1411/0-7-4, 15=2769/0-8-0
Max Grav 13=849(LC 7), 20=1426(LC 3), 15=2769(LC 1)

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

TOP CHORD 2-3=-3593/0, 3-4=-3593/0, 4-5=-3258/0, 5-6=-3258/0, 6-8=0/1243, 8-9=0/1226, 9-10=-1134/0, 10-11=-1134/0
BOT CHORD 18-20=0/2491, 17-18=0/3258, 16-17=0/3258, 15-16=0/1883, 14-15=-409/26, 13-14=0/1269
WEBS 4-17=-347/0, 5-16=-764/0, 8-15=-533/0, 2-20=-2754/0, 2-18=0/1217, 3-18=-640/0, 4-18=0/582, 6-15=-3119/0, 6-16=0/1717, 11-13=-1403/0, 11-14=-322/0, 10-14=-531/0, 9-14=0/1424, 9-15=-1253/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Plates checked for a plus or minus 0 degree rotation about its center.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F20	Floor Girder	1	1	T16796566
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:51 2019 Page 1
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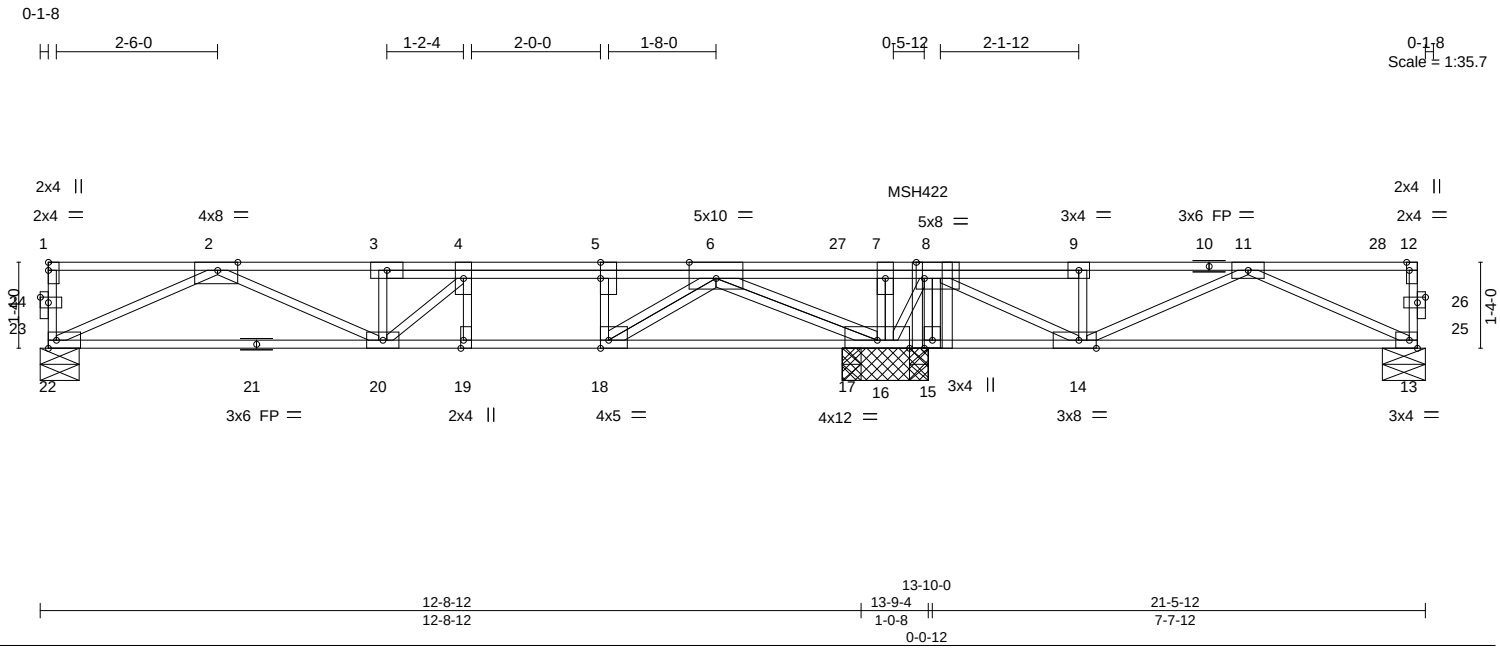


Plate Offsets (X,Y)-- [2:0-3-12,Edge], [5:0-3-0,0-0-0], [6:0-5-0,Edge], [8:0-1-8,Edge], [12:0-1-8,Edge], [14:0-3-4,Edge], [18:0-1-8,Edge], [19:0-1-8,Edge], [23:0-1-8,0-1-0], [25:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.97	Vert(LL)	-0.07	19-20	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.80	Vert(CT)	-0.21	19-20	>703	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.87	Horz(CT)	0.03	16	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 133 lb	FT = 5%F, 0%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat) *Except* 1-10: 2x4 SP M 31(flat)
BOT CHORD 2x4 SP No.2(flat) *Except* 13-21: 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

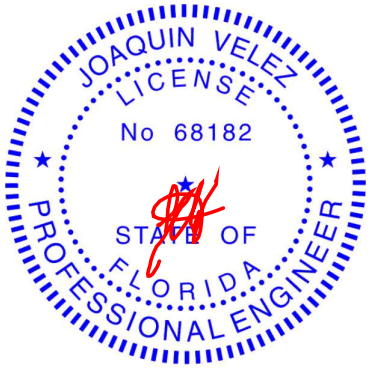
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 15-16,14-15.

REACTIONS. All bearings 1-4-0 except (jt=length) 13=0-8-0, 22=0-7-4, 17=0-3-8.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 17
Max Grav All reactions 250 lb or less at joint(s) 17 except 13=692(LC 11), 15=1431(LC 4), 15=1000(LC 1), 16=3198(LC 3), 22=1331(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3188/0, 3-4=-3182/0, 4-5=-2813/0, 5-6=-2813/0, 6-7=0/2076, 7-8=0/2076, 8-9=-572/0, 9-11=-565/0
BOT CHORD 20-22=0/2286, 19-20=0/2813, 18-19=0/2813, 17-18=0/993, 16-17=0/993, 15-16=-1327/0, 14-15=-1291/0, 13-14=0/975
WEBS 8-15=-1404/0, 7-16=-686/0, 5-18=-1064/0, 2-22=-2527/0, 2-20=0/997, 3-20=-654/0, 4-20=0/602, 6-16=-3288/0, 6-18=0/2188, 11-13=-1077/0, 11-14=-581/0, 9-14=-527/0, 8-14=0/1828, 8-16=-1429/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are 3x6 MT20 unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.
8) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent at 13-10-0 from the left end to connect truss(es) to front face of top chord.
9) Fill all nail holes where hanger is in contact with lumber.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00



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April 17,2019

Continued on page 2

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LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 13-22=-10, 1-12=-226
Concentrated Loads (lb)
Vert: 8=-1080(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F21	Floor	2	1	T16796567
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

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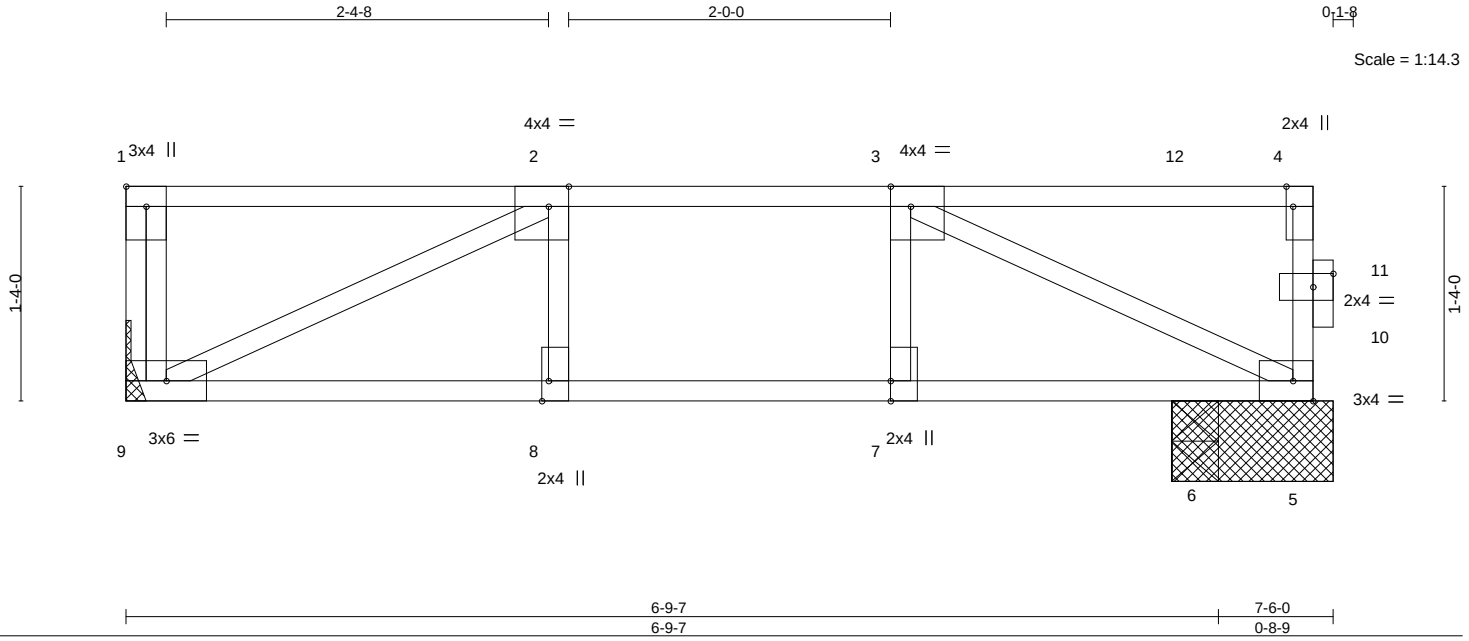


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [2:0-1-8,Edge], [3:0-1-8,Edge], [4:0-1-8,Edge], [7:0-1-8,Edge], [8:0-1-8,Edge], [10:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.90	Vert(LL)	-0.04	8-9	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.54	Vert(CT)	-0.07	8-9	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.01	5	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-P							Weight: 38 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

BRACING-

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

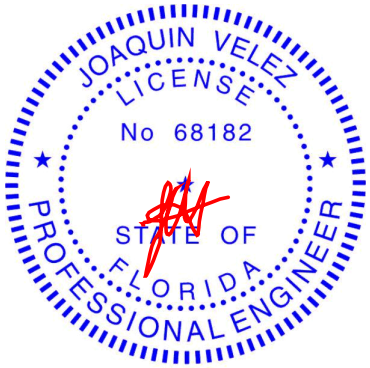
REACTIONS. (lb/size) 9=844/Mechanical, 5=810/1-0-0 (min. 0-1-8), 6=42/0-3-8 (min. 0-1-8)
Max Uplift 6=-25(LC 7)
Max Grav 9=844(LC 1), 5=810(LC 1), 6=111(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1238/0
BOT CHORD 8-9=0/1238, 7-8=0/1238, 6-7=0/1238, 5-6=0/1238
WEBS 2-9=-1368/0, 3-5=-1375/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 6.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



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Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F22	Floor Girder	1	1	T16796568
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:52 2019 Page 1
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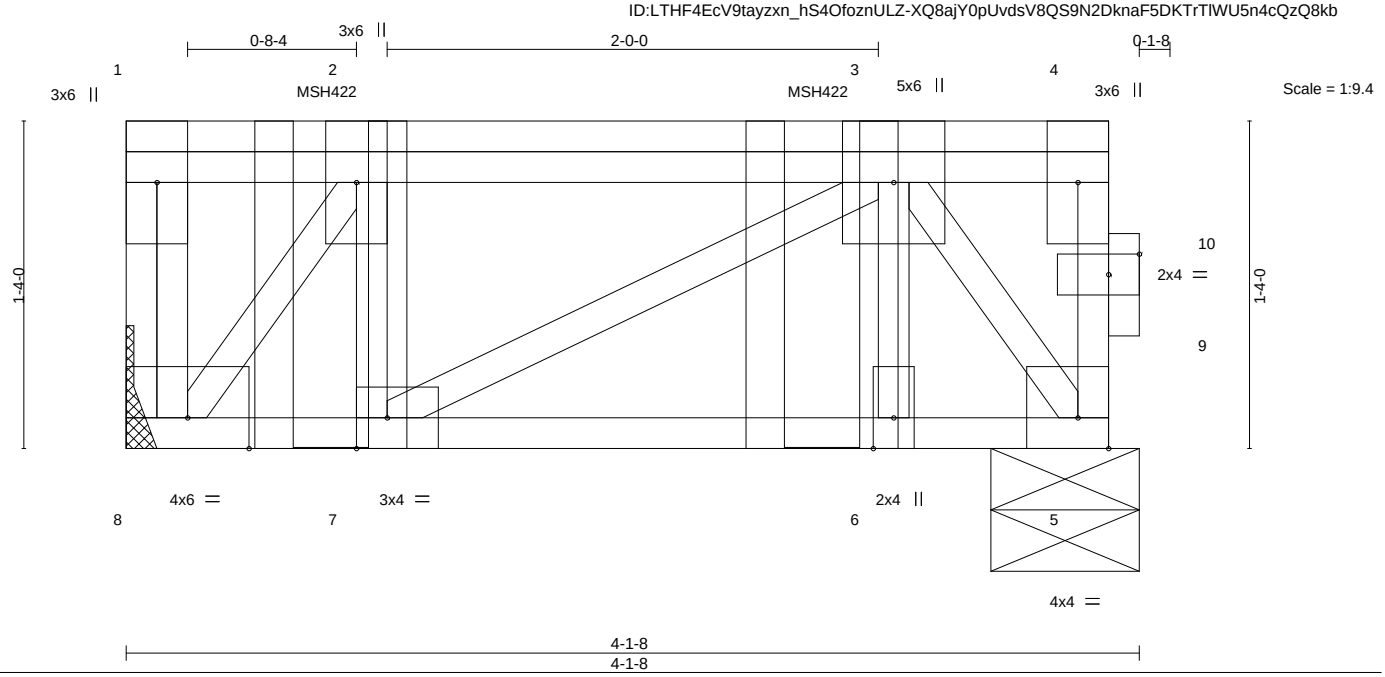


Plate Offsets (X,Y)-- [5:Edge,0-1-8], [7:0-1-8,Edge], [9:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.26	Vert(LL)	-0.00	6-7	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.31	Vert(CT)	-0.01	6-7	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-P							Weight: 32 lb	FT = 5%F, 0%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

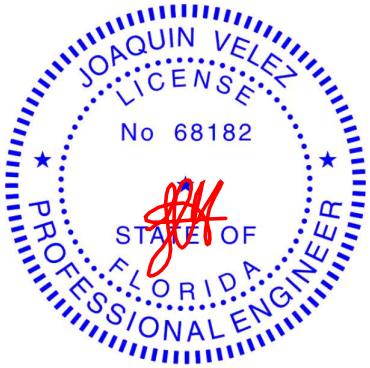
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=1306/Mechanical, 5=1309/0-7-4

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-953/0
BOT CHORD 7-8=0/953, 6-7=0/895, 5-6=0/895
WEBS 2-8=-1570/0, 3-5=-1548/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) Plates checked for a plus or minus 0 degree rotation about its center.
3) Refer to girder(s) for truss to truss connections.
4) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
7) Use USP MSH422 (With 10d nails into Girder & 6-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 0-10-0 from the left end to 2-10-0 to connect truss(es) to back face of top chord.
8) Fill all nail holes where hanger is in contact with lumber.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 5-8=-10, 1-4=-341(F=-115)
Concentrated Loads (lb)
Vert: 2=-655(B) 3=-622(B)
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 5-8=-10, 1-4=-341(F=-115)
Concentrated Loads (lb)
Vert: 2=-655(B) 3=-622(B)



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F23	Floor	1	1	T16796569
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:52 2019 Page 1
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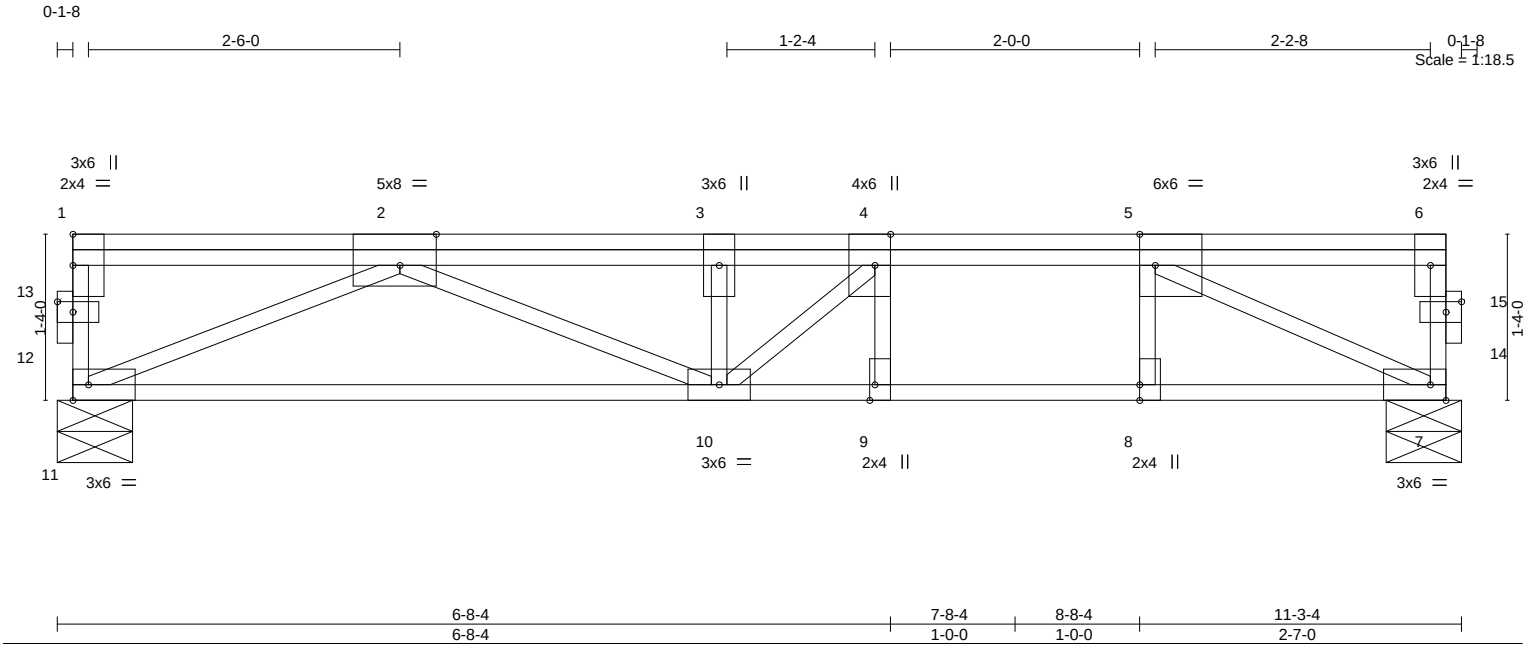


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [4:0-3-0,Edge], [5:0-1-8,Edge], [8:0-1-8,0-0-0], [9:0-1-8,Edge], [12:0-1-8,0-1-0], [14:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.87	Vert(LL)	-0.08	9-10	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.60	Vert(CT)	-0.23	9-10	>563	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 71 lb	FT = 5%F, 0%E

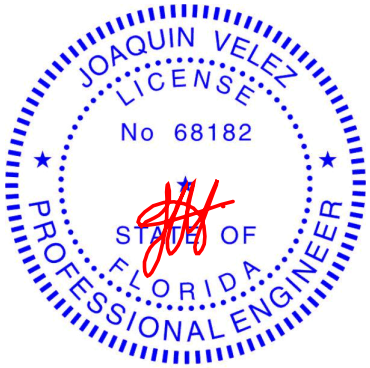
LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) 11=1286/0-7-4, 7=1286/0-7-4

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3167/0, 3-4=-3167/0, 4-5=-2506/0
BOT CHORD 10-11=0/2282, 9-10=0/2506, 8-9=0/2506, 7-8=0/2506
WEBS 2-11=-2500/0, 2-10=0/969, 3-10=-845/0, 4-10=0/953, 5-7=-2792/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F24	Floor	1	1	T16796570
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:53 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-?ciywu1RFDli7I?ej5aSG?7KRcXZaqNfjlWd8szQ8ka

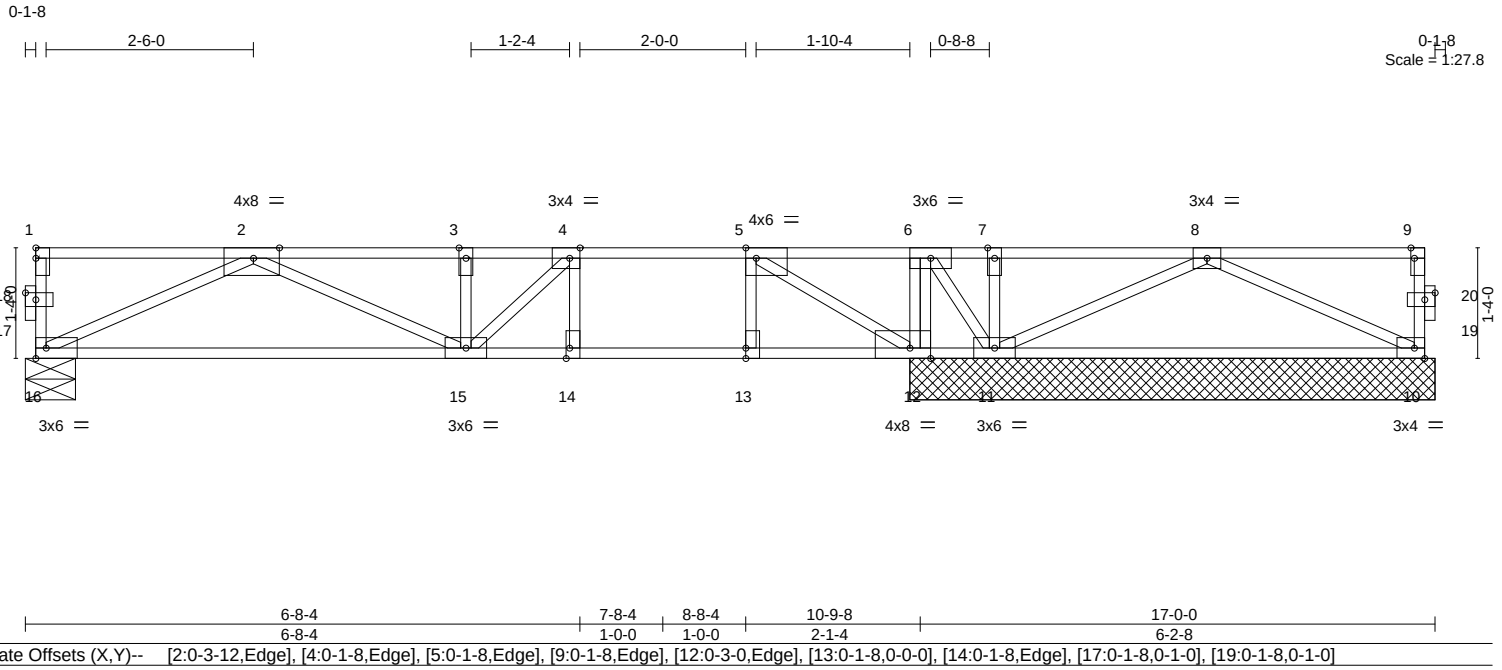


Plate Offsets (X,Y)-- [2:0-3-12,Edge], [4:0-1-8,Edge], [5:0-1-8,Edge], [9:0-1-8,Edge], [12:0-3-0,Edge], [13:0-1-8,0-0-0], [14:0-1-8,Edge], [17:0-1-8,0-1-0], [19:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.67	Vert(LL)	-0.12	14-15	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.89	Vert(CT)	-0.33	14-15	>383	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.04	10	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 88 lb	FT = 5%F, 0%E

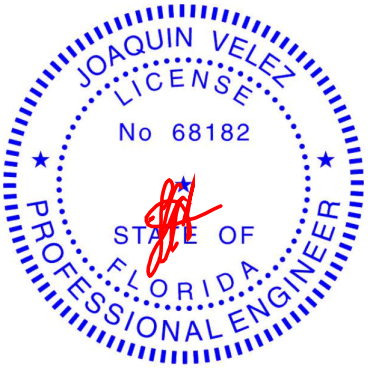
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. All bearings 6-4-0 except (jt=length) 16=0-7-4.
(lb) - Max Grav All reactions 250 lb or less at joint(s) except 12=456(LC 8), 16=1361(LC 3), 10=673(LC 7), 11=1706(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3319/0, 3-4=-3319/0, 4-5=-2875/0, 5-6=-983/0, 6-7=-394/0, 7-8=-394/0
BOT CHORD 15-16=0/2355, 14-15=0/2875, 13-14=0/2875, 12-13=0/2875, 11-12=0/983, 10-11=0/900
WEBS 4-14=-385/0, 5-13=0/351, 6-12=0/857, 2-16=-2603/0, 2-15=0/1066, 3-15=-630/0, 4-15=0/617, 5-12=-2309/0, 8-10=-995/0, 8-11=-710/0, 7-11=-524/0, 6-11=-988/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E. T16796571
413220	F25	Floor	13	1	Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:54 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-TpGK7E230XtZlRarHo5hpCfRM0t6JERoyPGAgJzQ8kZ

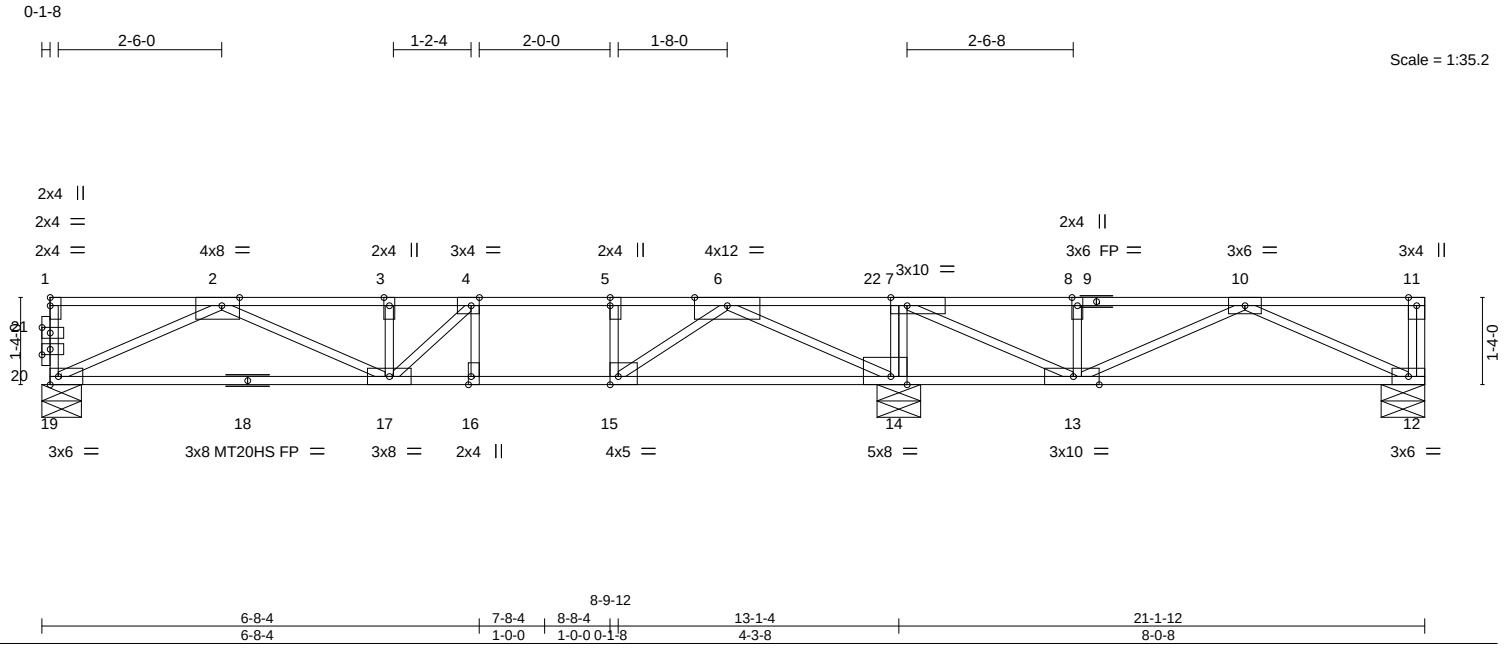


Plate Offsets (X,Y)-- [2:0-3-4,Edge], [4:0-1-8,Edge], [5:0-1-8,0-0-0], [7:0-3-0,Edge], [13:0-4-12,Edge], [14:0-3-0,Edge], [15:0-1-8,Edge], [16:0-1-8,Edge], [20:0-1-8,0-1-0], [21:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.85	Vert(LL)	-0.12	16-17	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.87	Vert(CT)	-0.35	16-17	>438	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.05	12	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 108 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP No.2(flat) *Except* 1-9: 2x4 SP M 31(flat)
BOT CHORD 2x4 SP No.2(flat) *Except* 12-18: 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 13-14.

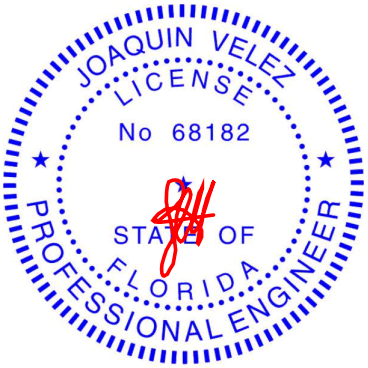
REACTIONS. (lb/size) 14=2727/0-8-0, 19=1422/0-7-4, 12=768/0-8-0
Max Grav 14=2727(LC 1), 19=1434(LC 3), 12=820(LC 7)

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

TOP CHORD 2-3=-3623/0, 3-4=-3623/0, 4-5=-3305/0, 5-6=-3305/0, 6-7=0/1124, 7-8=-1002/0, 8-10=-1002/0
BOT CHORD 17-19=0/2507, 16-17=0/3305, 15-16=0/3305, 14-15=0/1937, 13-14=-1124/0, 12-13=0/1217
WEBS 4-16=-334/0, 5-15=-767/0, 7-14=-1468/0, 2-19=-2772/0, 2-17=0/1233, 3-17=-633/0, 4-17=0/546, 6-14=-3068/0, 6-15=0/1708, 10-12=-1340/0, 10-13=-431/0, 8-13=-569/0, 7-13=0/1944

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



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Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F26	Floor	7	1	T16796572
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:54 2019 Page 1
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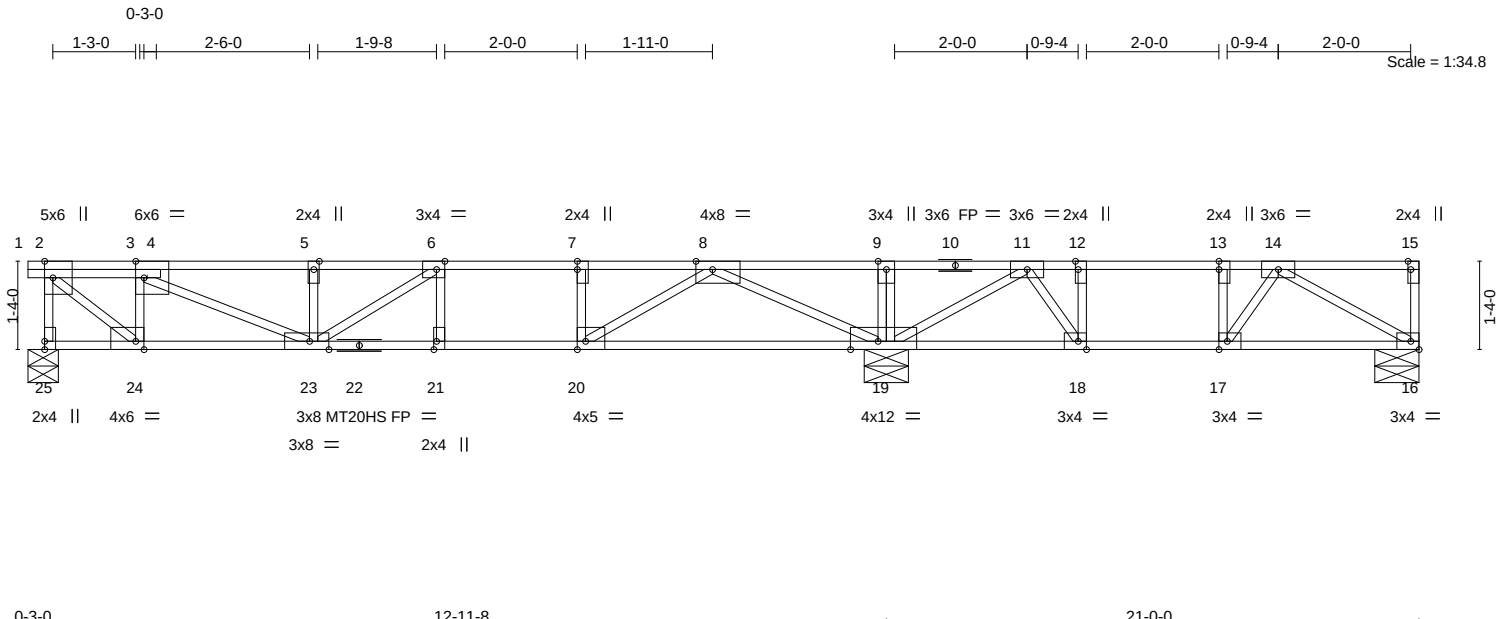


Plate Offsets (X,Y)-- [2:0-3-0,Edge], [3:0-1-8,Edge], [6:0-1-8,Edge], [7:0-1-8,0-0-0], [8:0-3-0,Edge], [12:0-1-8,Edge], [13:0-1-8,Edge], [15:0-1-8,Edge], [17:0-1-8,Edge], [18:0-1-8,Edge], [19:0-5-0,Edge], [20:0-1-8,Edge], [21:0-1-8,Edge], [23:0-3-8,Edge], [24:0-1-8,Edge]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.75	Vert(LL)	-0.11	21-23	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.73	Vert(CT)	-0.30	21-23	>505	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.04	16	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 108 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat) *Except* 1-10: 2x4 SP M 31(flat)
BOT CHORD	2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat)

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.

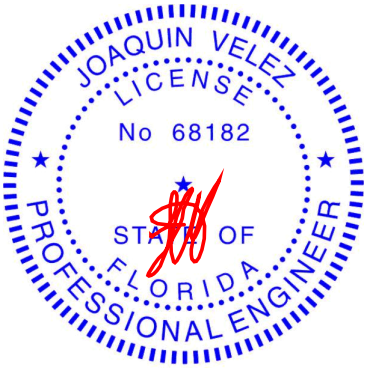
REACTIONS. (lb/size) 25=1499/0-5-8, 16=844/0-8-0, 19=2595/0-8-0
Max Grav 25=1507(LC 3), 16=878(LC 7), 19=2595(LC 1)

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

TOP CHORD	2-25=-1499/0, 2-3=-1519/0, 3-5=-3301/0, 5-6=-3301/0, 6-7=-3501/0, 7-8=-3501/0, 8-9=0/656, 9-11=0/649, 11-12=-1288/0, 12-13=-1288/0, 13-14=-1288/0
BOT CHORD	23-24=0/1519, 21-23=0/3501, 20-21=0/3501, 19-20=0/2223, 18-19=0/938, 17-18=0/1288, 16-17=0/1132
WEBS	3-24=-1254/0, 2-24=0/1977, 9-19=-642/0, 3-23=0/1944, 5-23=-584/0, 8-19=-2921/0, 6-23=-394/0, 8-20=0/1568, 7-20=-662/0, 11-19=-1530/0, 14-16=-1312/0, 11-18=0/765, 14-17=0/276, 12-18=-543/0

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F27	Floor Supported Gable	1	1	T16796573
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:55 2019 Page 1
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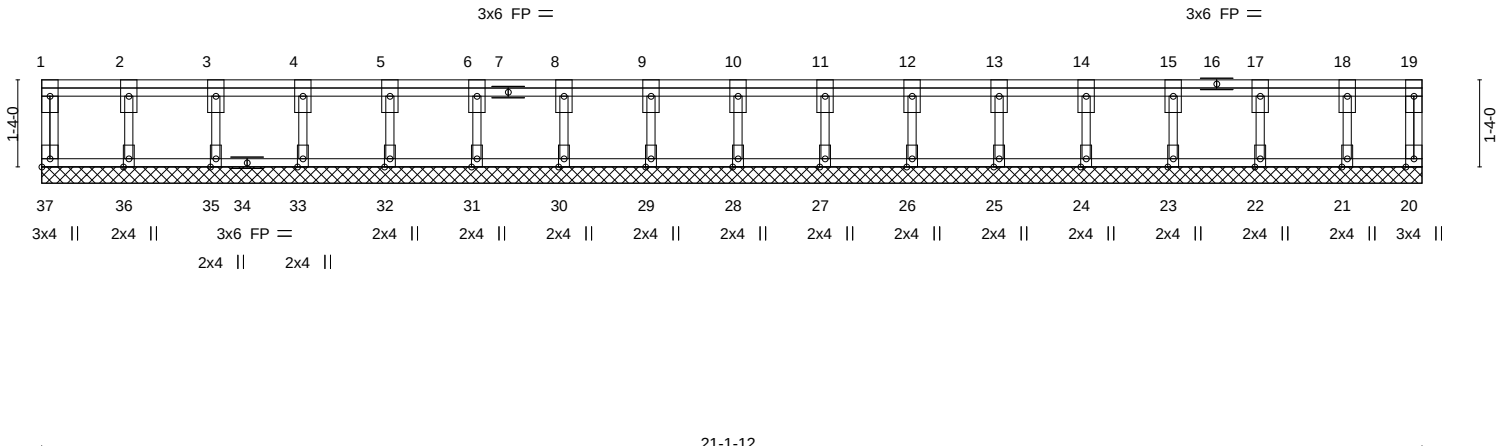


Plate Offsets (X,Y)-- [37:Edge,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.10	Horz(CT)	0.00	20	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-R							Weight: 121 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.2(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.2(flat)

BRACING-

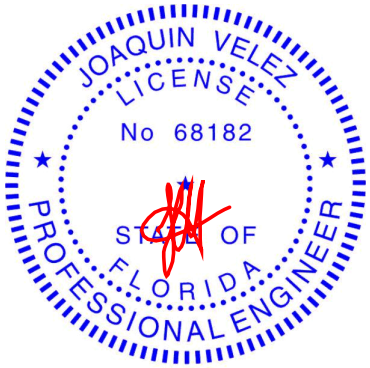
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 21-1-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 20 except 37=293(LC 1), 36=748(LC 1), 35=744(LC 1), 33=741(LC 1), 32=741(LC 1), 31=741(LC 1), 30=741(LC 1), 29=741(LC 1), 28=741(LC 1), 27=741(LC 1), 26=741(LC 1), 25=741(LC 1), 24=742(LC 1), 23=737(LC 1), 22=759(LC 1), 21=677(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-37=-287/0
WEBS 2-36=-735/0, 3-35=-730/0, 4-33=-727/0, 5-32=-728/0, 6-31=-728/0, 8-30=-728/0, 9-29=-728/0, 10-28=-728/0, 11-27=-728/0, 12-26=-728/0, 13-25=-728/0, 14-24=-729/0, 15-23=-724/0, 17-22=-745/0, 18-21=-669/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 1-4-0 oc.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 20-37=-10, 1-19=-546



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F28	Floor Supported Gable	4	1	T16796574
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:56 2019 Page 1
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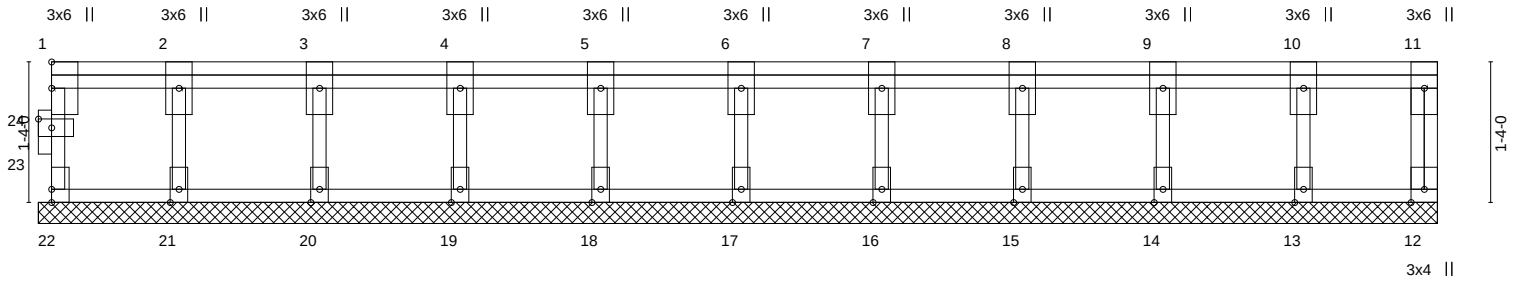


13-3-4
13-3-4

Plate Offsets (X,Y)-- [23:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.26	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.15	Horz(CT)	0.00	12	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-R							Weight: 76 lb	FT = 5%F, 0%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.2(flat)

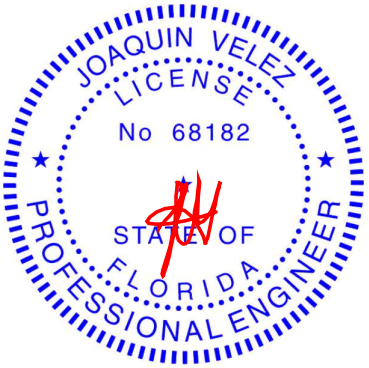
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 13-3-4.
(lb) - Max Grav All reactions 250 lb or less at joint(s) except 22=414(LC 1), 12=415(LC 1), 21=1130(LC 1), 20=1150(LC 1), 19=1139(LC 1), 18=1142(LC 1), 17=1141(LC 1), 16=1142(LC 1), 15=1139(LC 1), 14=1151(LC 1), 13=1129(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-22=-402/0, 11-12=-411/0
WEBS 2-21=-1126/0, 3-20=-1135/0, 4-19=-1126/0, 5-18=-1128/0, 6-17=-1128/0, 7-16=-1129/0, 8-15=-1126/0, 9-14=-1138/0, 10-13=-1114/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) All plates are 2x4 MT20 unless otherwise indicated.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 1-4-0 oc.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
8) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-22=-10, 1-11=-846



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F29	Floor	7	1	T16796575
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:56 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-PBN4Yw4KY87H_lkDOD79udlmEqcCn9m5PjlHlBzQ8kX

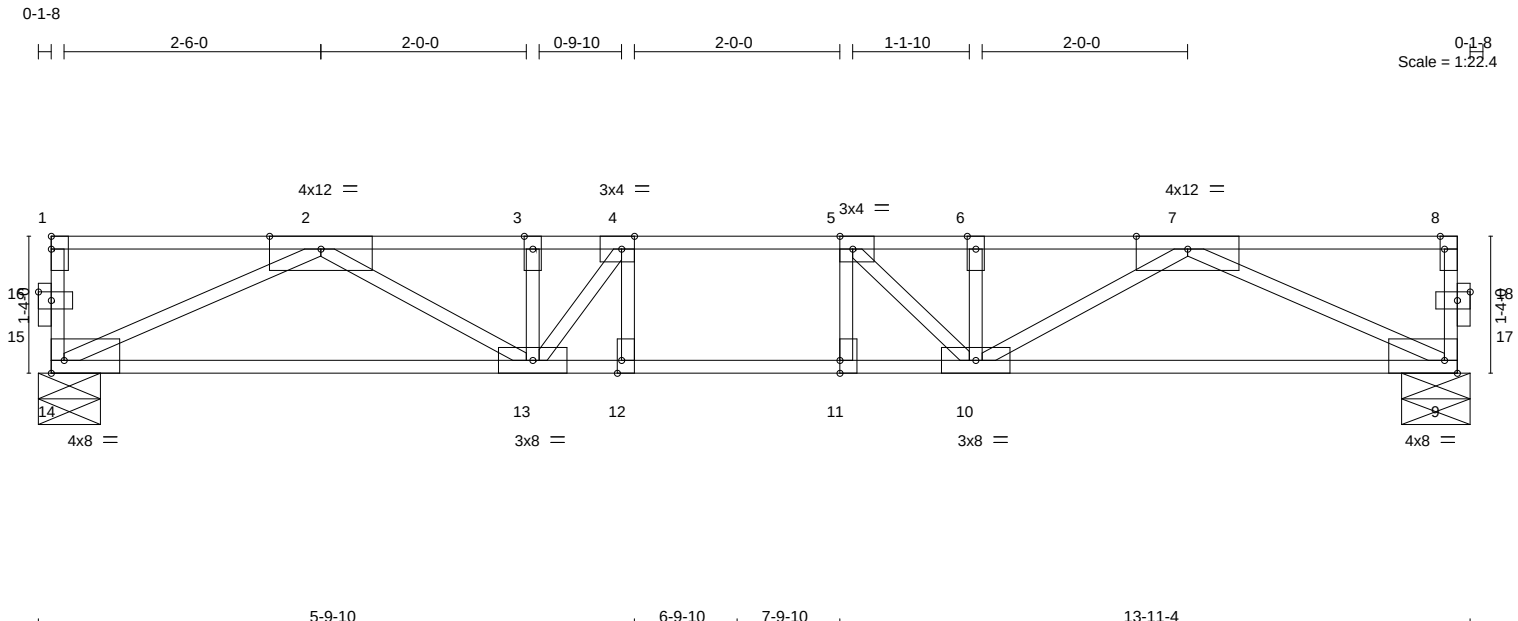


Plate Offsets (X,Y)-- [4:0-1-8,Edge], [5:0-1-8,Edge], [8:0-1-8,Edge], [9:Edge,0-1-8], [11:0-1-8,Edge], [12:0-1-8,Edge], [14:Edge,0-1-8], [15:0-1-8,0-1-0], [17:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.95	Vert(LL)	-0.10	10-11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.64	Vert(CT)	-0.28	11	>590	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.05	9	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 71 lb	FT = 5%F, 0%E

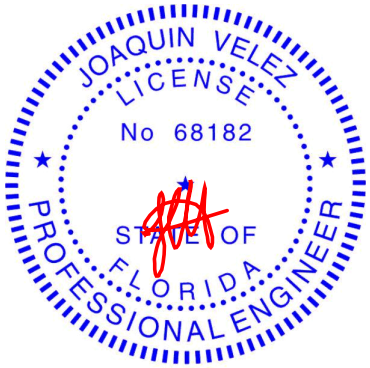
LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) 14=1600/0-7-4, 9=1600/0-8-0

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4049/0, 3-4=-4049/0, 4-5=-4420/0, 5-6=-4061/0, 6-7=-4061/0
BOT CHORD 13-14=0/2850, 12-13=0/4420, 11-12=0/4420, 10-11=0/4420, 9-10=0/2850
WEBS 2-14=-3151/0, 2-13=0/1390, 3-13=-269/0, 4-13=-841/0, 7-9=-3151/0, 7-10=0/1404, 6-10=-346/0, 5-10=-722/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F30	Floor	7	1	T16796576
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:57 2019 Page 1
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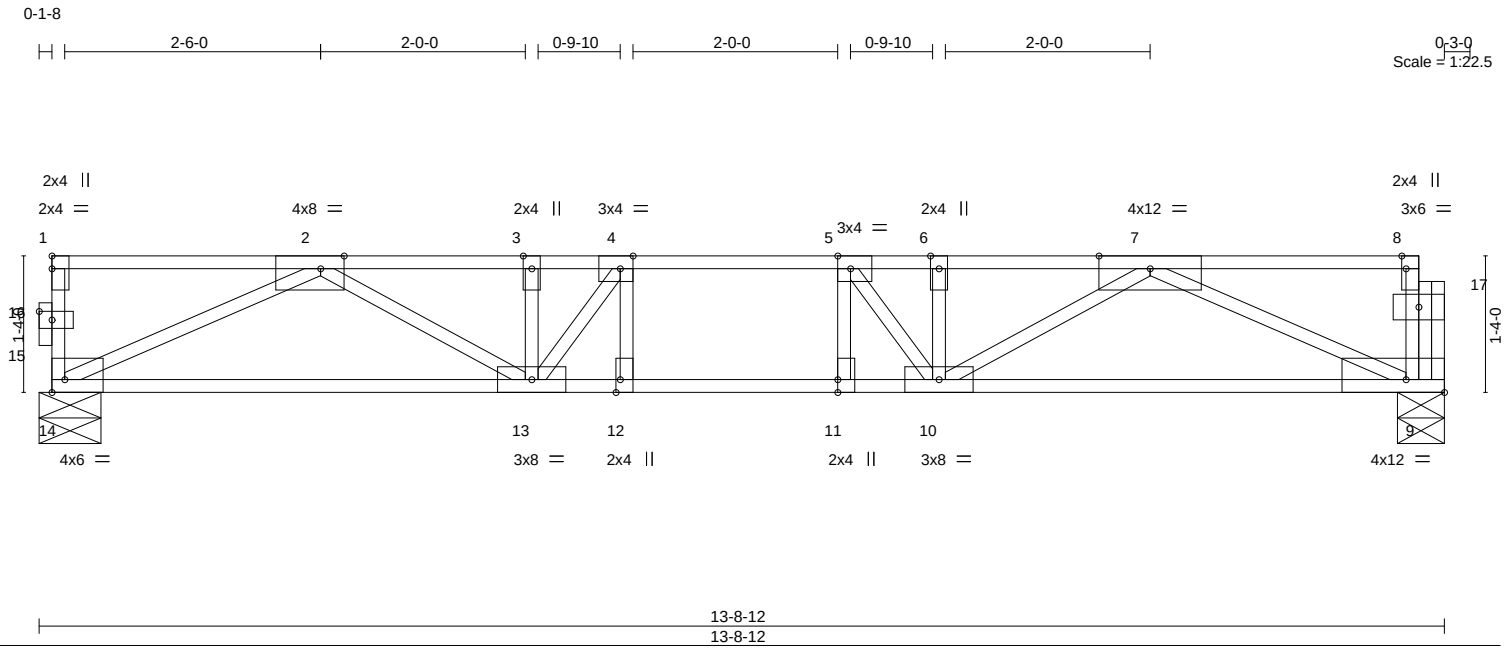


Plate Offsets (X,Y)-- [2:0-2-12,Edge], [4:0-1-8,Edge], [5:0-1-8,Edge], [8:0-1-8,Edge], [9:Edge,0-1-8], [11:0-1-8,0-0-0], [12:0-1-8,Edge], [14:Edge,0-1-8], [15:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.94	Vert(LL)	-0.09	10-11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.60	Vert(CT)	-0.25	11-12	>635	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.05	9	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 72 lb	FT = 5%F, 0%E

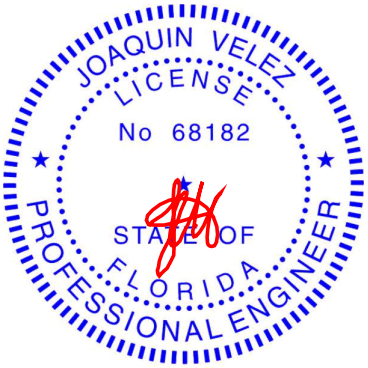
LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) 14=1576/0-7-4, 9=1548/0-5-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3958/0, 3-4=-3958/0, 4-5=-4284/0, 5-6=-4010/0, 6-7=-4010/0
BOT CHORD 13-14=0/2798, 12-13=0/4284, 11-12=0/4284, 10-11=0/4284, 9-10=0/2895
WEBS 2-14=-3093/0, 7-9=-3147/0, 2-13=0/1344, 3-13=-280/0, 7-10=0/1293, 6-10=-296/0, 4-13=-767/0, 5-10=-693/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.



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April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F31	Floor	6	1	T16796577
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:58 2019 Page 1
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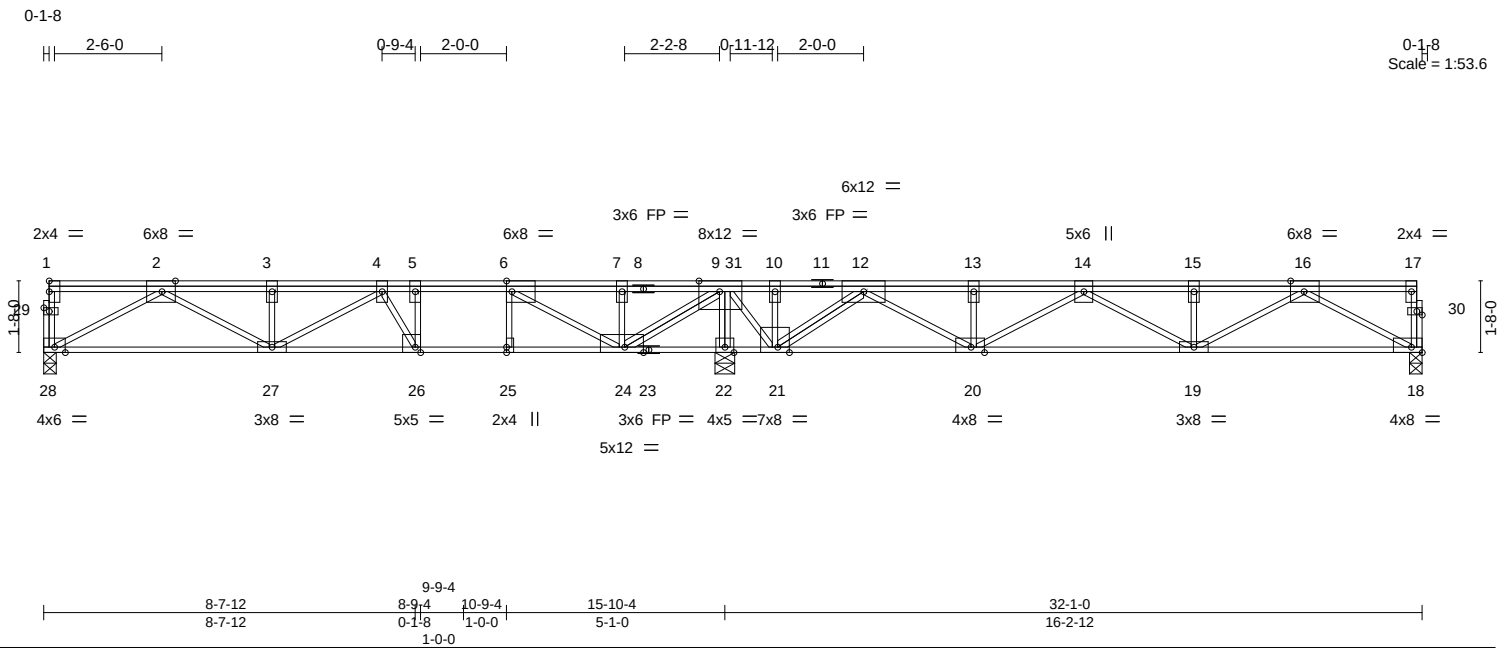


Plate Offsets (X,Y)-- [2:0-3-12,Edge], [6:0-1-8,Edge], [9:0-5-12,Edge], [16:0-3-12,Edge], [18:Edge,0-1-8], [20:0-3-12,Edge], [21:0-3-4,Edge], [24:0-5-4,Edge], [25:0-1-8,0-0-0], [26:0-1-8,Edge], [29:0-1-8,0-1-0], [30:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.63	Vert(LL)	-0.11	26-27	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.63	Vert(CT)	-0.32	26-27	>586	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.06	18	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 224 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP M 31(flat) *Except* 11-17,8-17: 2x4 SP No.2(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat) *Except* 12-20,9-21: 2x4 SP No.2(flat)

BRACING-

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

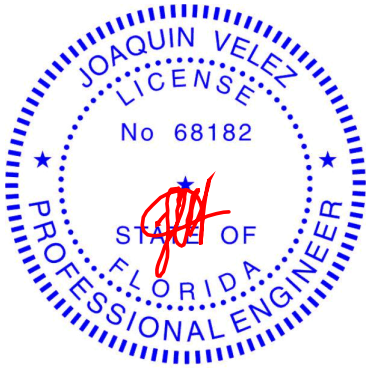
REACTIONS. (lb/size) 28=1500/0-3-8, 22=4432/0-5-8, 18=1552/0-3-8
Max Grav 28=1572(LC 3), 22=4432(LC 1), 18=1595(LC 4)

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

TOP CHORD 2-3=-3498/0, 3-4=-3498/0, 4-5=-2805/0, 5-6=-2805/0, 6-7=-42/1080, 7-9=-32/1082, 9-10=0/1879, 10-12=0/1886, 12-13=-2813/0, 13-14=-2813/0, 14-15=-3572/0, 15-16=-3572/0
BOT CHORD 27-28=0/2334, 26-27=0/3544, 25-26=0/2805, 24-25=0/2805, 22-24=-3342/0, 21-22=-3591/0, 20-21=-79/815, 19-20=0/3692, 18-19=0/2376
WEBS 5-26=0/1475, 9-22=-4367/0, 2-28=-2667/0, 2-27=0/1344, 3-27=-560/0, 4-26=-1826/0, 6-24=-3377/0, 7-24=-288/45, 9-24=0/3239, 16-18=-2716/0, 16-19=0/1381, 15-19=-565/0, 14-20=-1102/0, 13-20=-576/0, 12-20=0/2380, 12-21=-2931/0, 9-21=0/2573

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are 3x6 MT20 unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F32	Floor	3	1	T16796578
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:58 2019 Page 1
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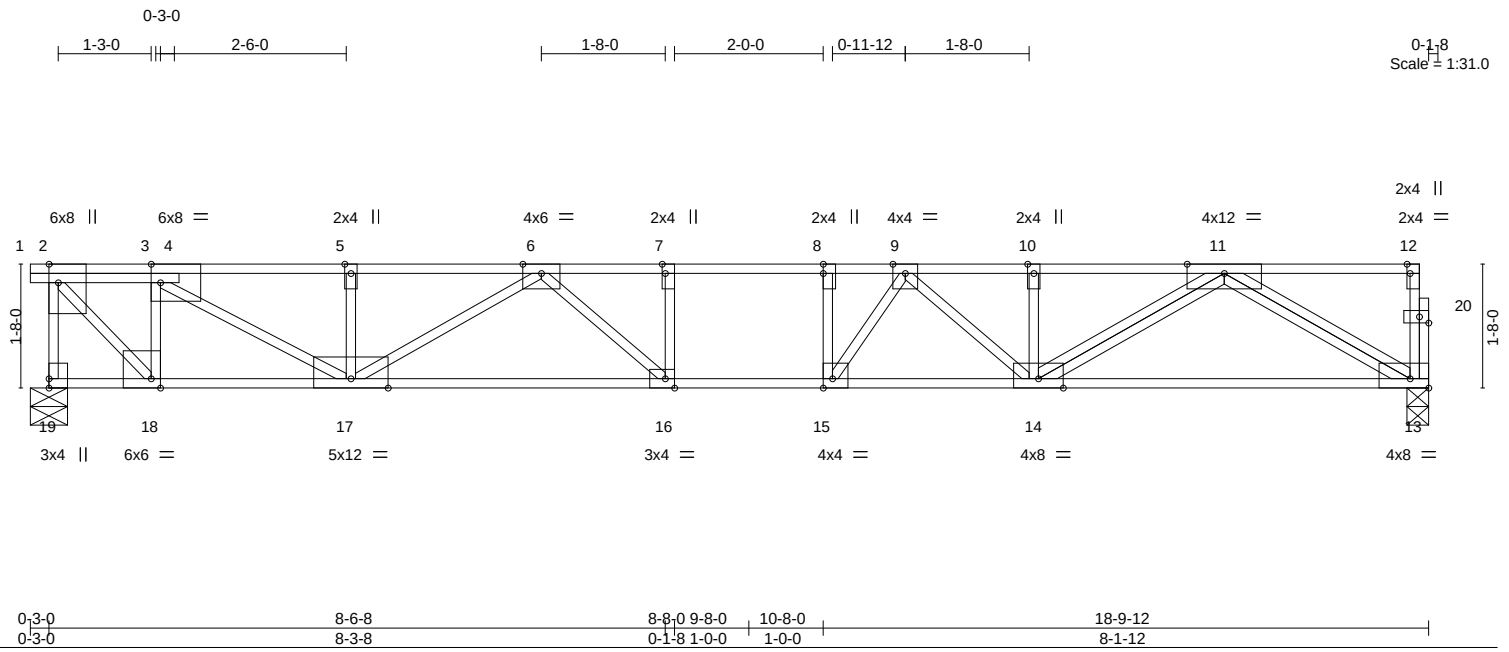


Plate Offsets (X,Y)-- [2:0-3-0,Edge], [3:0-1-8,Edge], [7:0-1-8,Edge], [8:0-1-8,Edge], [12:0-1-8,Edge], [13:Edge,0-1-8], [15:0-1-8,Edge], [16:0-1-8,Edge], [18:0-1-8,Edge], [20:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.72	Vert(LL)	-0.19	16-17	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.77	Vert(CT)	-0.48	16-17	>459	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.86	Horz(CT)	0.09	13	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 112 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP M 31(flat) *Except* 1-4: 2x4 SP No.2(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat) *Except* 2-18,3-17: 2x4 SP No.2(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 5-8-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

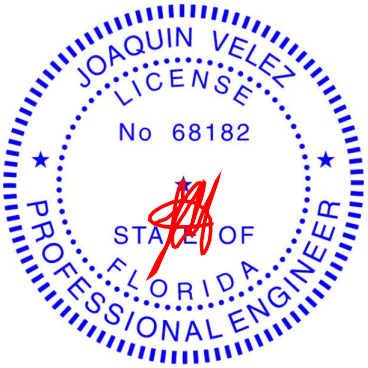
REACTIONS. (lb/size) 19=2239/0-6-0, 13=2154/0-3-8

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

TOP CHORD 2-19=-2233/0, 2-3=-1807/0, 3-5=-4466/0, 5-6=-4466/0, 6-7=-6403/0, 7-8=-6403/0, 8-9=-6403/0, 9-10=-5258/0, 10-11=-5233/0
BOT CHORD 17-18=0/1807, 16-17=0/5969, 15-16=0/6403, 14-15=0/6066, 13-14=0/3246
WEBS 3-18=-1926/0, 2-18=0/2655, 7-16=-480/0, 8-15=-637/0, 3-17=0/3052, 5-17=-553/0, 6-17=-1754/0, 6-16=0/856, 11-13=-3754/0, 11-14=0/2339, 10-14=-501/0, 9-14=-1071/0, 9-15=0/897

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F32A	Floor	1	1	T16796579
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:11:59 2019 Page 1
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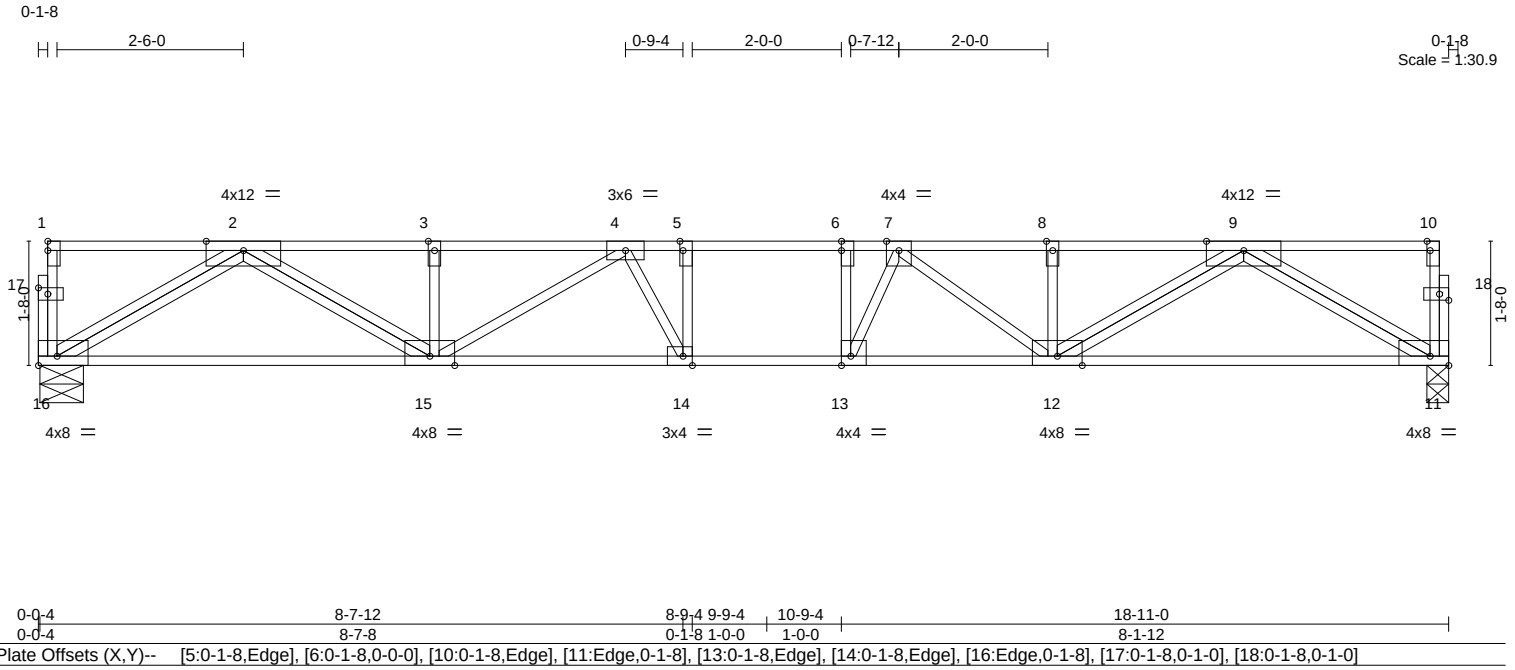


Plate Offsets (X,Y)-- [5:0-1-8,Edge], [6:0-1-8,0-0-0], [10:0-1-8,Edge], [11:Edge,0-1-8], [13:0-1-8,Edge], [14:0-1-8,Edge], [16:Edge,0-1-8], [17:0-1-8,0-1-0], [18:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.79	Vert(LL)	-0.17	14-15	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.84	Vert(CT)	-0.48	14-15	>471	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.11	11	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-S							Weight: 119 lb	FT = 5%F, 0%E

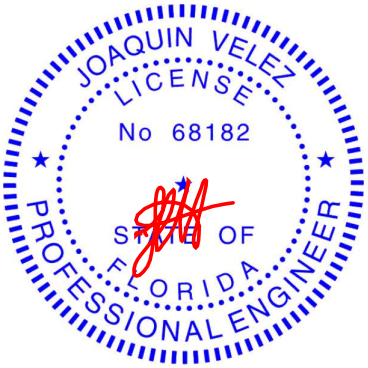
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) 16=2189/0-7-0, 11=2189/0-3-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5386/0, 3-4=-5410/0, 4-5=-6601/0, 5-6=-6601/0, 6-7=-6601/0, 7-8=-5385/0, 8-9=-5359/0
BOT CHORD 15-16=0/3303, 14-15=0/6509, 13-14=0/6601, 12-13=0/6357, 11-12=0/3303
WEBS 5-14=-448/44, 6-13=-733/0, 2-16=-3820/0, 2-15=0/2448, 3-15=-579/0, 4-15=-1278/0, 4-14=-126/576, 9-11=-3820/0, 9-12=0/2418, 8-12=-531/0, 7-12=-1227/0, 7-13=0/928

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F33	Floor	2	1	T16796580
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:00 2019 Page 1
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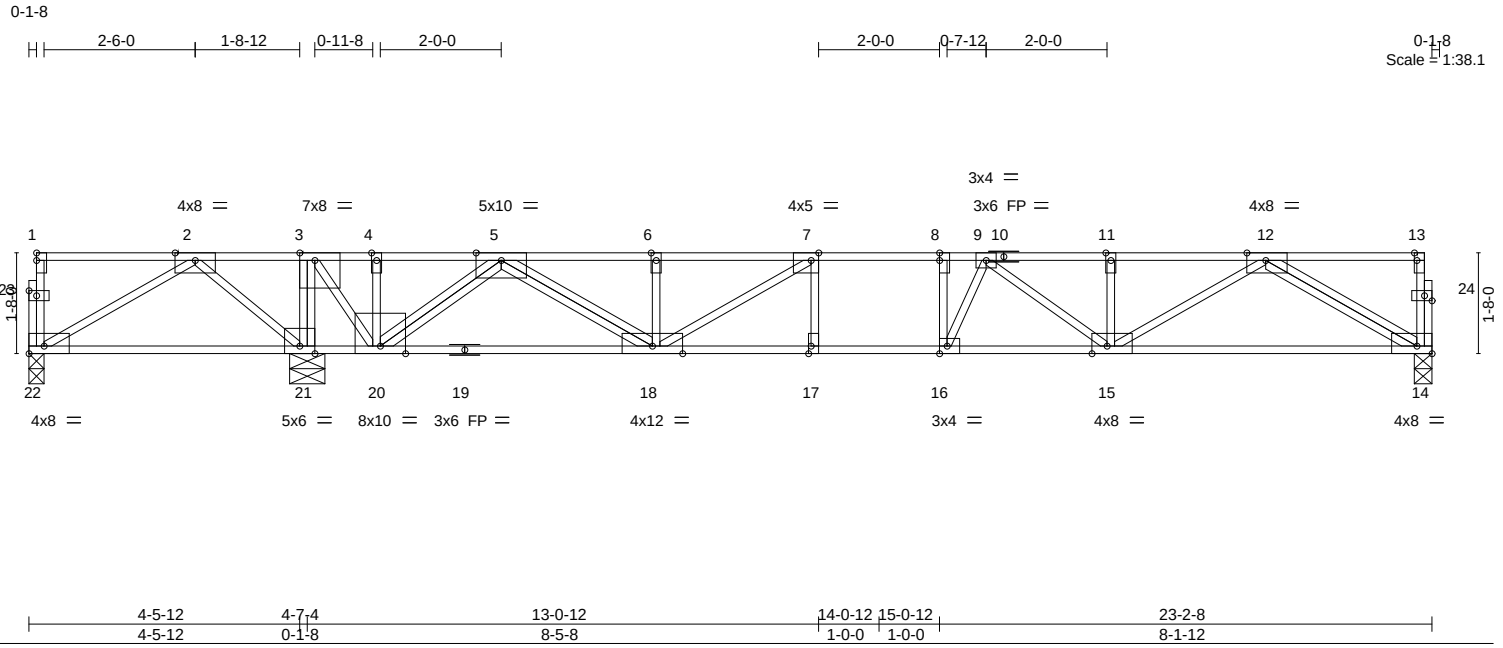


Plate Offsets (X,Y)-- [3:0-3-0,Edge], [7:0-1-8,Edge], [8:0-1-8,0-0-0], [12:0-3-12,Edge], [13:0-1-8,Edge], [14:Edge,0-1-8], [15:0-3-0,Edge], [16:0-1-8,Edge], [17:0-1-8,Edge], [22:Edge,0-1-8], [23:0-1-8,0-1-0], [24:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.68	Vert(LL)	-0.16	15-16	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.84	Vert(CT)	-0.43	15-16	>515	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.05	14	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 140 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP No.2(flat) *Except*
14-19: 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat) *Except*
3-20: 2x4 SP No.2(flat)

BRACING-

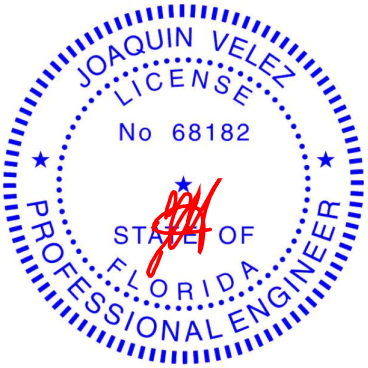
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 21-22,20-21.

REACTIONS. (lb/size) 22=-659/0-3-0, 14=1882/0-3-8, 21=4167/0-7-0
Max Uplift 22=-824(LC 4)
Max Grav 14=1884(LC 4), 21=4167(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/3374, 3-4=0/1660, 4-5=0/1675, 5-6=-3291/0, 6-7=-3313/0, 7-8=-4820/0, 8-9=-4820/0, 9-11=-4405/0, 11-12=-4405/0
BOT CHORD 21-22=-1679/0, 20-21=-3374/0, 18-20=0/1037, 17-18=0/4820, 16-17=0/4820, 15-16=0/4896, 14-15=0/2741
WEBS 3-21=-2602/0, 2-22=0/1954, 2-21=-2377/0, 7-18=-1774/0, 6-18=-578/0, 5-18=0/2657, 5-20=-3232/0, 4-20=-332/0, 3-20=0/2945, 12-14=-3189/0, 12-15=0/1929, 11-15=-519/0, 9-15=-645/0, 9-16=-378/161

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 824 lb uplift at joint 22.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
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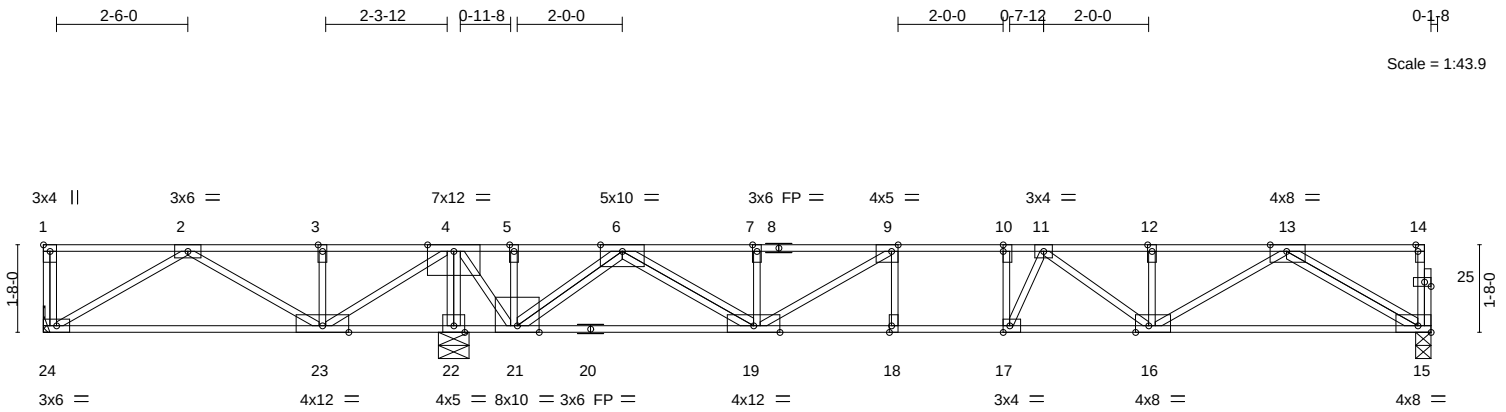
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F34	Floor	1	1	T16796581
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:00 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-IzdbOH7qcNdjTM1_d3C52TvWQRw?jywhKLjVuyzQ8kT



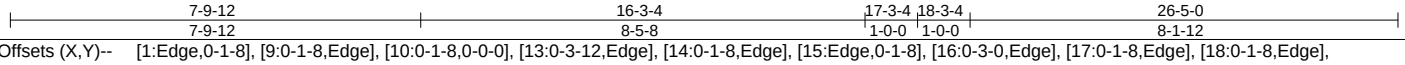


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [9:0-1-8,Edge], [10:0-1-8,0-0-0], [13:0-3-12,Edge], [14:0-1-8,Edge], [15:Edge,0-1-8], [16:0-3-0,Edge], [17:0-1-8,Edge], [18:0-1-8,Edge], [25:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.69	Vert(LL)	-0.16	16-17	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.84	Vert(CT)	-0.43	16-17	>514	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.05	15	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 157 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP No.2(flat) *Except*
15-20: 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat) *Except*
4-23,4-21: 2x4 SP No.2(flat)

BRACING-

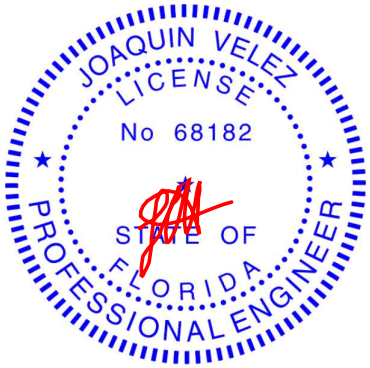
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 24=231/Mechanical, 15=1885/0-3-8, 22=4046/0-7-0
Max Uplift 24=-61(LC 4)
Max Grav 24=443(LC 3), 15=1892(LC 4), 22=4046(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/1505, 3-4=0/1505, 4-5=0/1636, 5-6=0/1648, 6-7=-3354/0, 7-9=-3376/0, 9-10=-4865/0, 10-11=-4865/0, 11-12=-4430/0, 12-13=-4430/0
BOT CHORD 23-24=-398/316, 22-23=-3279/0, 21-22=-3334/0, 19-21=0/1114, 18-19=0/4865, 17-18=0/4865, 16-17=0/4933, 15-16=0/2754
WEBS 4-22=-4022/0, 2-24=-366/461, 2-23=-1352/0, 3-23=-553/0, 4-23=0/2436, 9-19=-1780/0, 7-19=-578/0, 6-19=0/2649, 6-21=-3239/0, 5-21=-287/0, 4-21=0/2919, 13-15=-3204/0, 13-16=0/1944, 12-16=-520/0, 11-16=-651/0, 11-17=-382/169

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 61 lb uplift at joint 24.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
8) CAUTION, Do not erect truss backwards.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F35	Floor	4	1	T16796582
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:01 2019 Page 1
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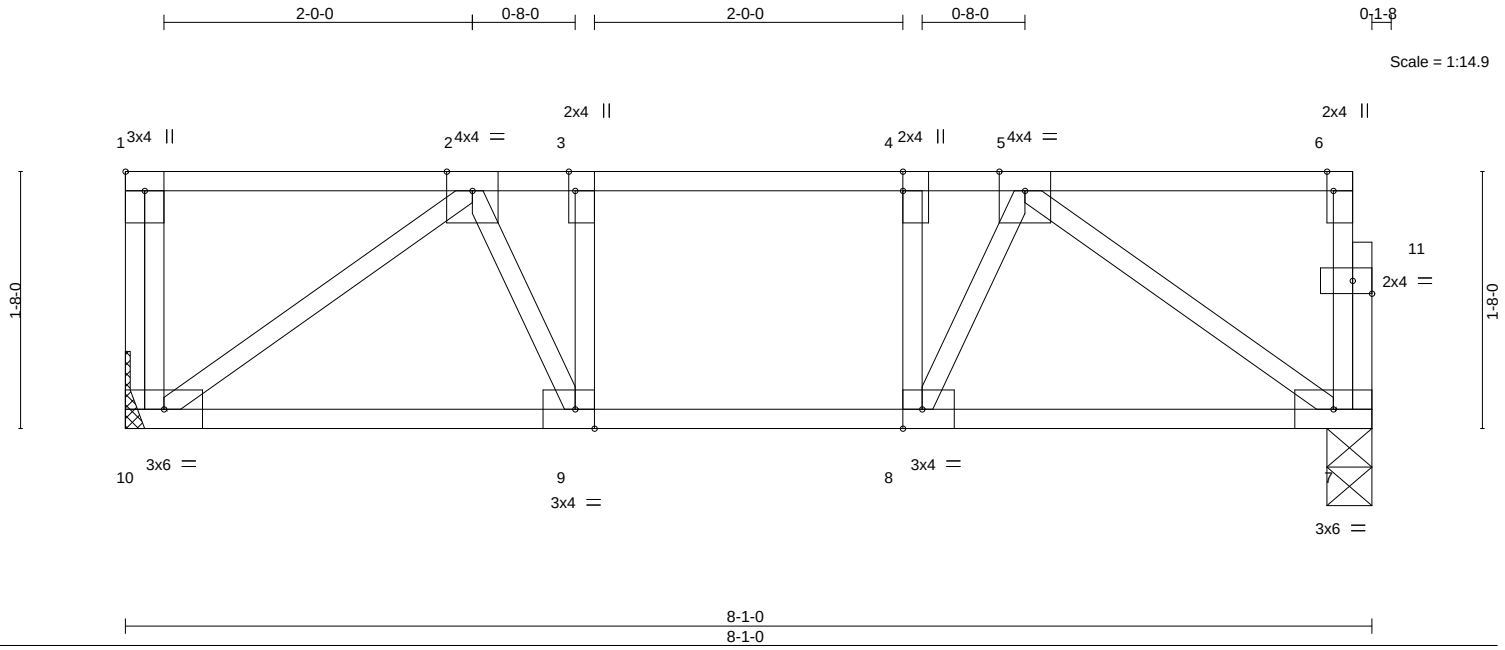


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [3:0-1-8,Edge], [4:0-1-8,0-0-0], [6:0-1-8,Edge], [8:0-1-8,Edge], [9:0-1-8,Edge], [11:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.55	Vert(LL)	-0.03	7-8	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.37	Vert(CT)	-0.04	7-8	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 48 lb	FT = 5%F, 0%E

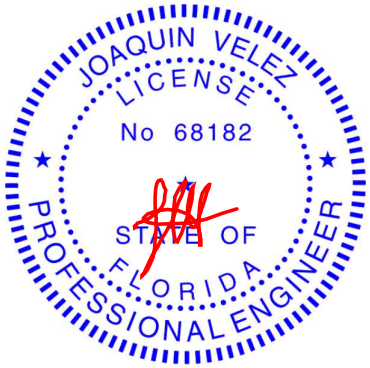
LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

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. (lb/size) 10=924/Mechanical, 7=910/0-3-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1129/0, 3-4=-1129/0, 4-5=-1129/0
BOT CHORD 9-10=0/981, 8-9=0/1129, 7-8=0/977
WEBS 2-10=-1213/0, 5-7=-1197/0, 2-9=0/469, 5-8=0/476, 3-9=-380/0, 4-8=-387/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Refer to girder(s) for truss to truss connections.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F36	Floor Girder	1	1	T16796583
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:01 2019 Page 1
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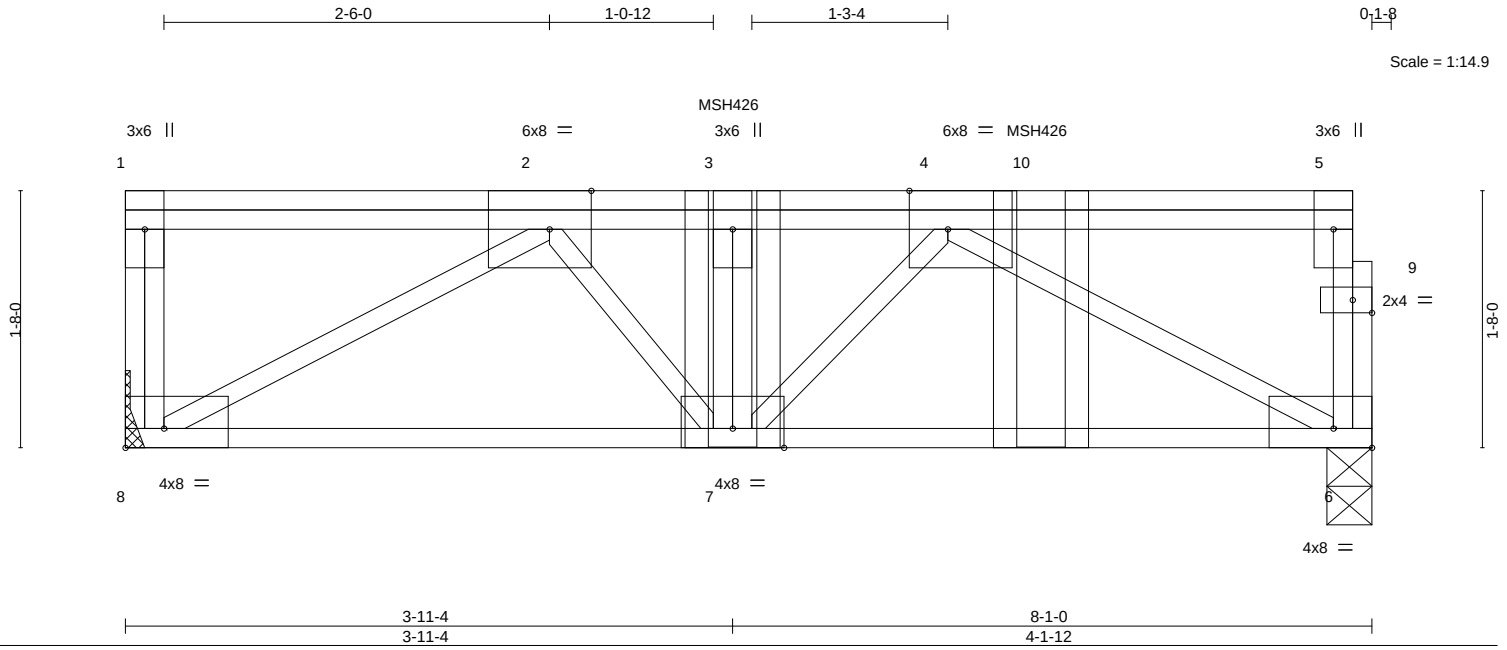


Plate Offsets (X,Y)-- [2:0-3-4,Edge], [4:0-3-0,Edge], [6:Edge,0-1-8], [8:Edge,0-1-8], [9:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.41	Vert(LL)	-0.01	7	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.91	Vert(CT)	-0.08	6-7	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.89	Horz(CT)	0.03	6	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-P							Weight: 60 lb	FT = 5%F, 0%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

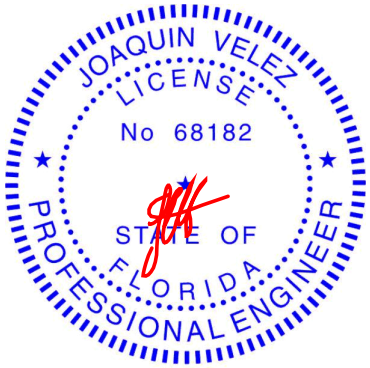
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=1800/Mechanical, 6=1839/0-3-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-257/0, 5-6=-279/0, 2-3=-3427/0, 3-4=-3424/0
BOT CHORD 7-8=0/2707, 6-7=0/2749
WEBS 3-7=-1569/0, 2-8=-3108/0, 2-7=0/1148, 4-6=-3141/0, 4-7=0/985

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) Plates checked for a plus or minus 0 degree rotation about its center.
3) Refer to girder(s) for truss to truss connections.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.
6) Use USP MSH426 (With 16d nails into Girder & 6-16d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 3-11-4 from the left end to 5-11-4 to connect truss(es) to front face of top chord.
7) Fill all nail holes where hanger is in contact with lumber.
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 + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 6-8=-10, 1-5=-226
Concentrated Loads (lb)
Vert: 3=-1605(F) 10=-199(F)



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Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F37	Floor	1	1	T16796584
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:02 2019 Page 1
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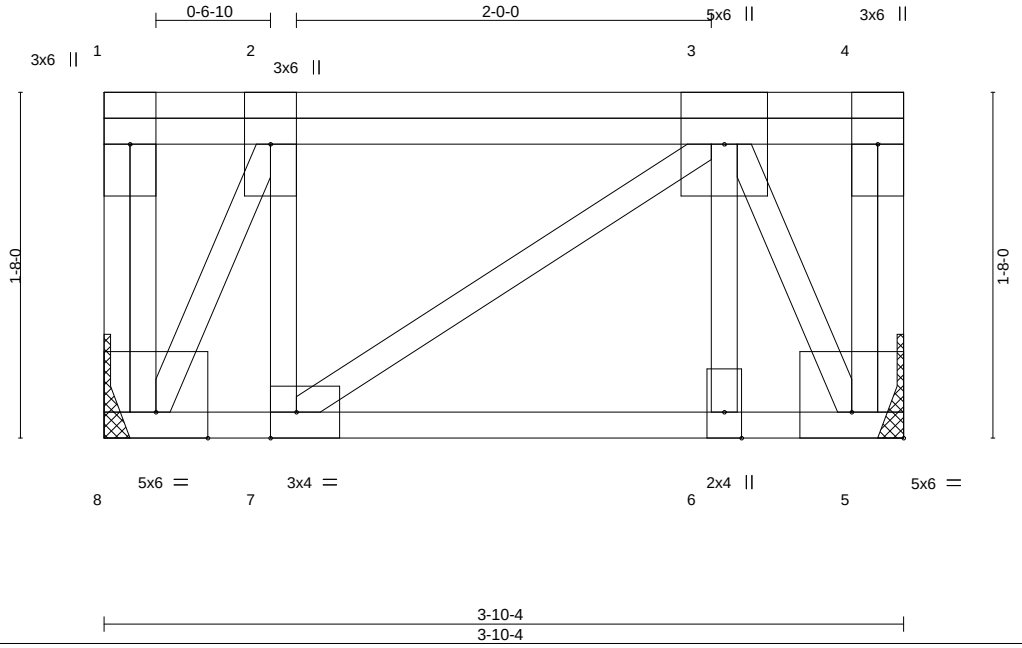


Plate Offsets (X,Y)-- [5:Edge,0-1-8], [7:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.65	Vert(LL)	-0.00	7	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.33	Vert(CT)	-0.01	6-7	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.48	Horz(CT)	0.01	5	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-P							Weight: 36 lb	FT = 5%F, 0%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

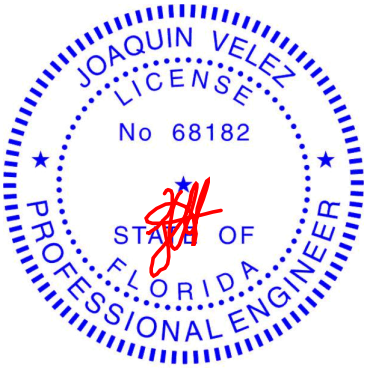
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=1831/Mechanical, 5=1831/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-921/0
BOT CHORD 7-8=0/921, 6-7=0/916, 5-6=0/916
WEBS 2-8=-2061/0, 3-5=-2049/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) Plates checked for a plus or minus 0 degree rotation about its center.
3) Refer to girder(s) for truss to truss connections.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) 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 + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 5-8=-10, 1-4=-1006(F=-780)



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F38	Floor	1	1	T16796585
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:02 2019 Page 1
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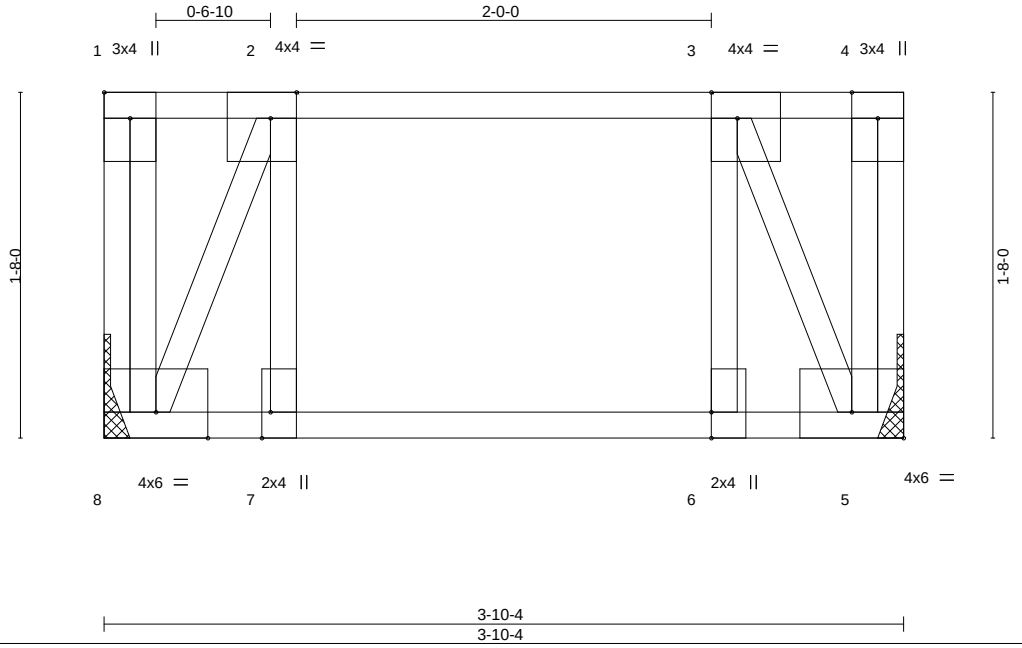


Scale = 1:11.1

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.38	Vert(LL)	-0.00	6	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.08	Vert(CT)	-0.00	6-7	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 29 lb	FT = 5%F, 0%E

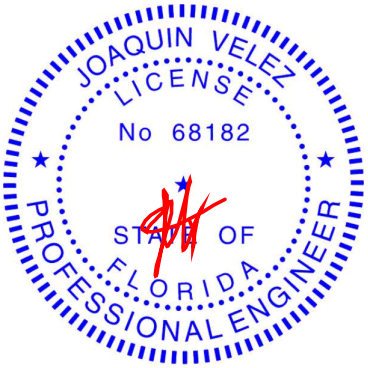
LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

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

REACTIONS. (lb/size) 8=425/Mechanical, 5=425/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-482/0, 3-5=-482/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Refer to girder(s) for truss to truss connections.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F39	Floor Girder	1	1	T16796586
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:03 2019 Page 1
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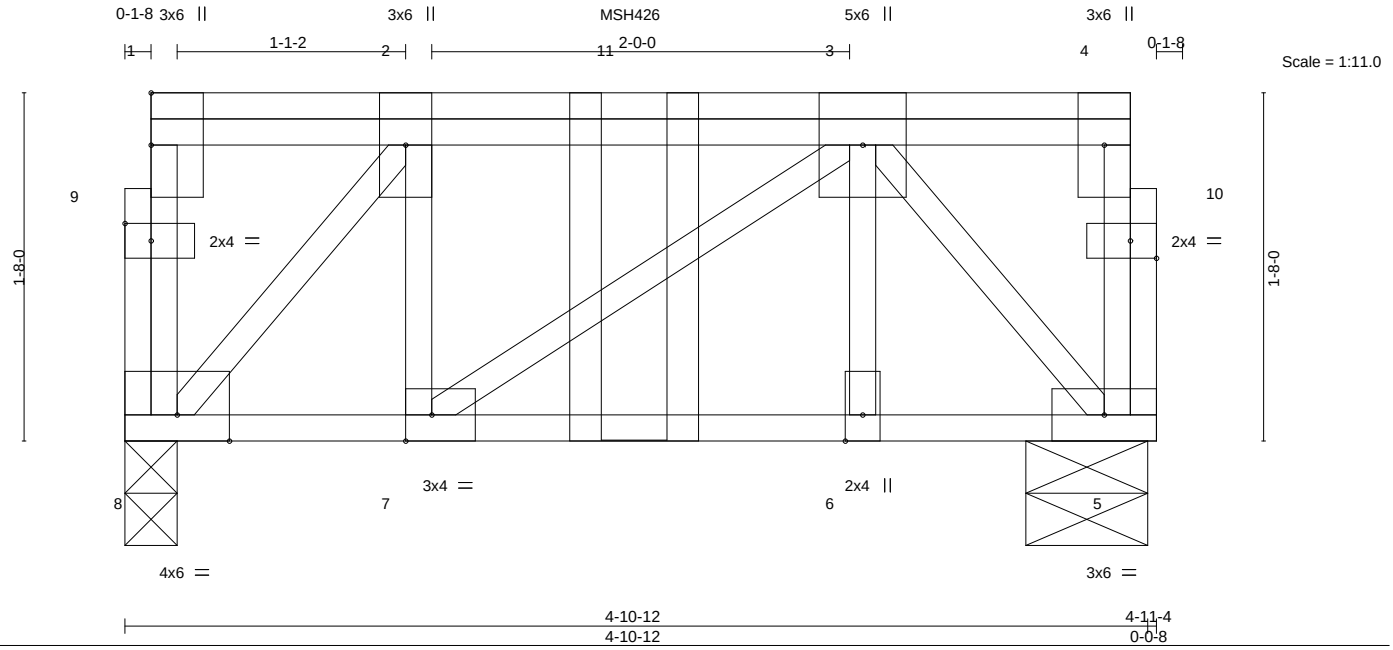


Plate Offsets (X,Y)-- [7:0-1-8,Edge], [9:0-1-8,0-1-0], [10:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.46	Vert(LL)	-0.00	7	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.18	Vert(CT)	-0.01	6-7	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.19	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-P							Weight: 41 lb	FT = 5%F, 0%E

LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

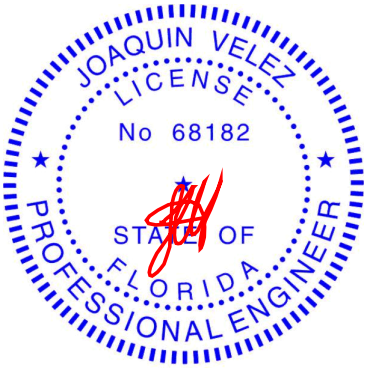
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=2307/0-3-0, 5=660/0-7-0

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-1739/0, 2-3=-562/0
BOT CHORD 7-8=0/562, 6-7=0/518, 5-6=0/518
WEBS 2-8=-746/0, 3-5=-787/0

NOTES-
1) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
2) Plates checked for a plus or minus 0 degree rotation about its center.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
4) Use USP MSH426 (With 16d nails into Girder & 6-16d nails into Truss) or equivalent at 2-5-4 from the left end to connect truss(es) to back face of top chord.
5) Fill all nail holes where hanger is in contact with lumber.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1690 lb down at 0-2-4 on top chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 5-8=-10, 1-4=-226
Concentrated Loads (lb)
Vert: 1=-1690(B) 11=-199(B)



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F40	Floor	1	1	T16796587
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:04 2019 Page 1
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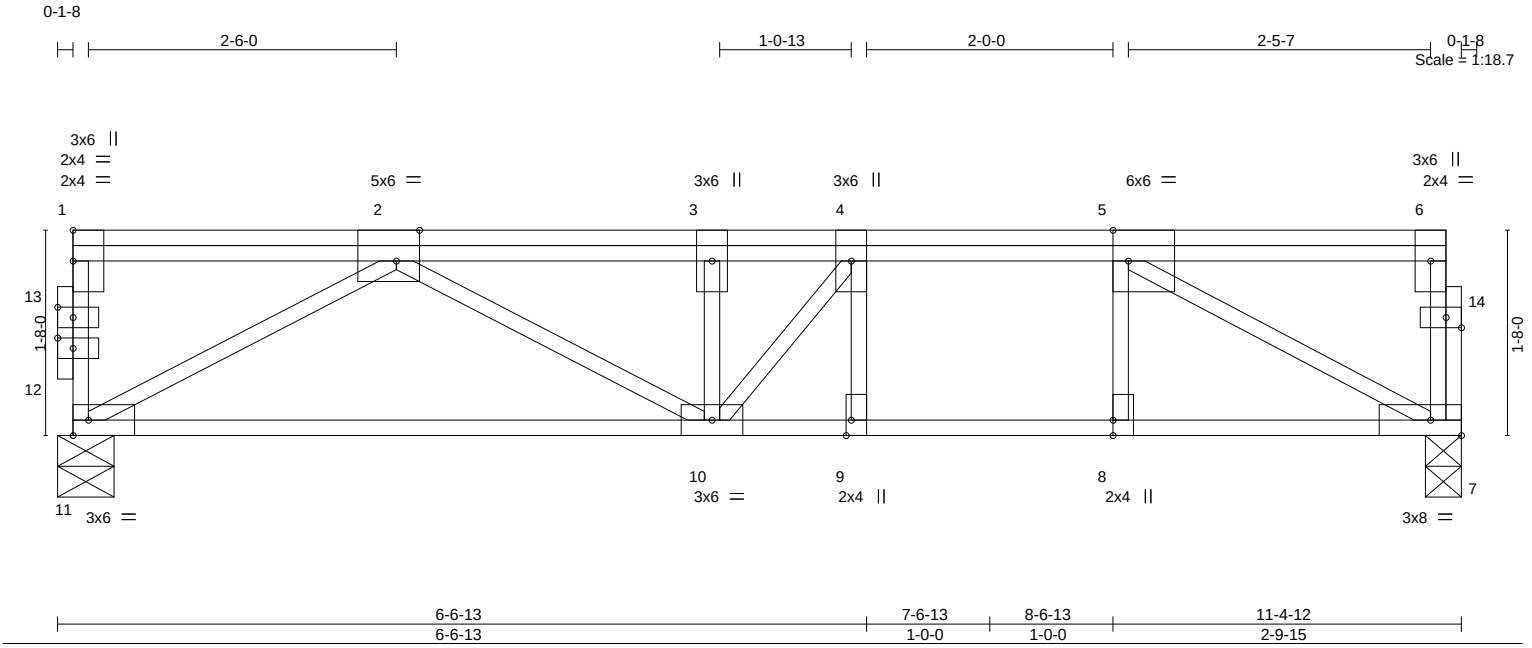


Plate Offsets (X,Y)-- [2:0-2-4,Edge], [5:0-1-8,Edge], [8:0-1-8,Edge], [9:0-1-8,Edge], [12:0-1-8,0-1-0], [13:0-1-8,0-1-0], [14:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.81	Vert(LL)	-0.07	9-10	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.52	Vert(CT)	-0.18	9-10	>726	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.03	7	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 77 lb	FT = 5%F, 0%E

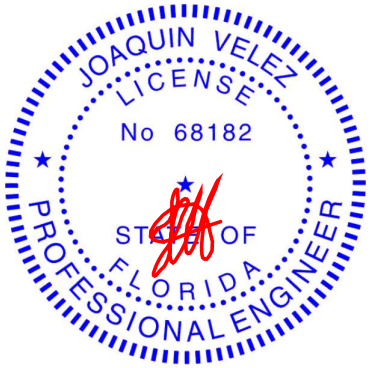
LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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. (lb/size) 7=1294/0-3-8, 11=1308/0-5-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2527/0, 3-4=-2527/0, 4-5=-2098/0
BOT CHORD 10-11=0/1819, 9-10=0/2098, 8-9=0/2098, 7-8=0/2098
WEBS 2-11=-2100/0, 2-10=0/818, 3-10=-824/0, 4-10=0/771, 5-7=-2398/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F41	Floor	3	1	T16796588
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:05 2019 Page 1
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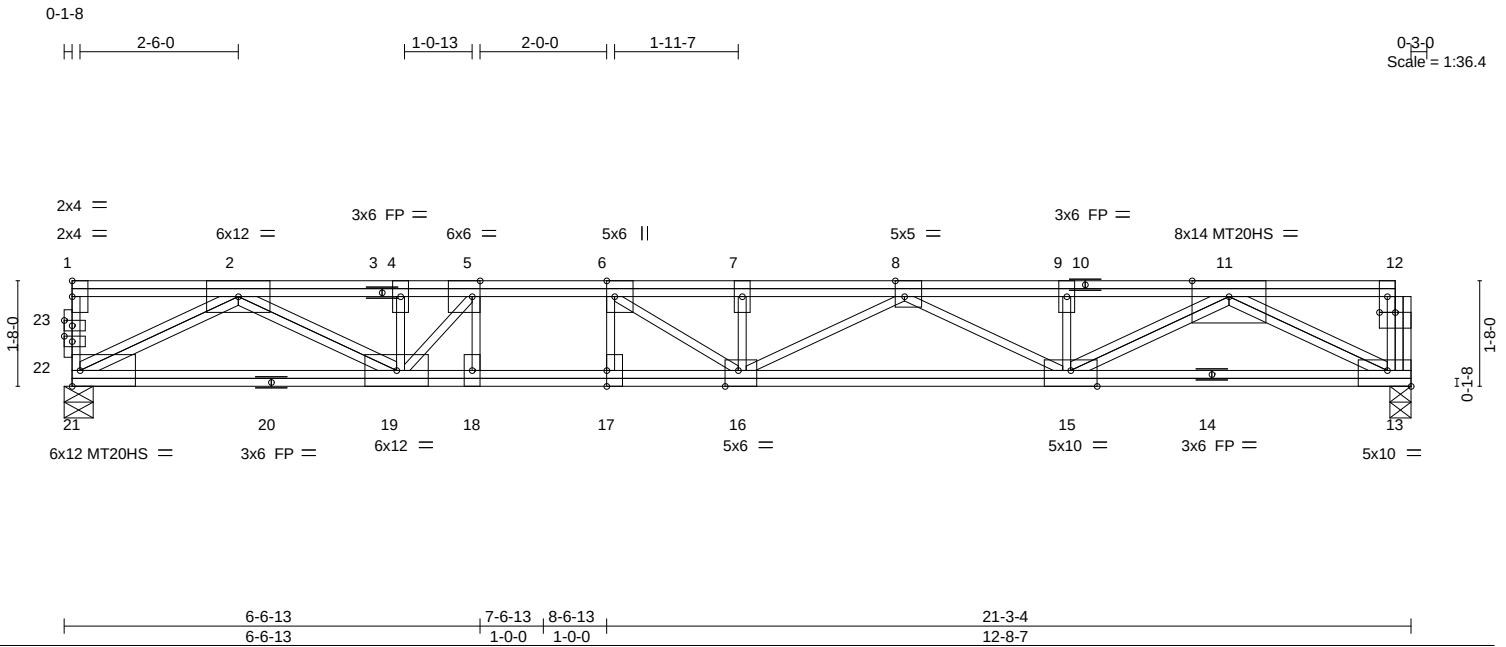


Plate Offsets (X,Y)-- [5:0-1-8,Edge], [6:0-3-0,Edge], [8:0-1-12,Edge], [12:0-3-0,0-0-0], [13:Edge,0-3-0], [15:0-5-0,Edge], [16:0-2-8,Edge], [17:0-3-0,Edge], [22:0-1-8,0-1-0], [23:0-1-8,0-1-0]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL	1.00	TC	0.48	Vert(LL)	-0.18	16-17	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.77	Vert(CT)	-0.52	16-17	>481	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.08	13	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 188 lb	FT = 5%F, 0%E

LUMBER-

TOP CHORD	2x4 SP No.2(flat) *Except* 1-10,3-12: 2x4 SP M 31(flat)
BOT CHORD	2x4 SP No.2(flat) *Except* 14-21,13-20: 2x4 SP M 31(flat)
WEBS	2x4 SP No.3(flat)

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.

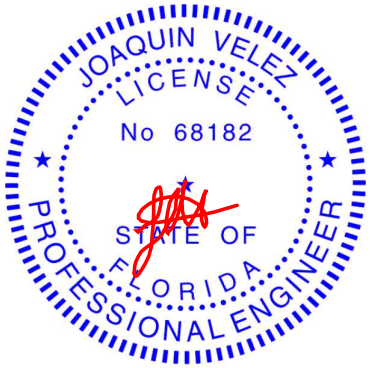
REACTIONS. (lb/size) 21=2466/0-5-8, 13=2466/0-4-0

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

TOP CHORD	12-13=-252/0, 2-4=-6588/0, 4-5=-6587/0, 5-6=-8247/0, 6-7=-9182/0, 7-8=-9182/0, 8-9=-6849/0, 9-11=-6819/0
BOT CHORD	19-21=0/3983, 18-19=0/8247, 17-18=0/8247, 16-17=0/8247, 15-16=0/8531, 13-15=0/4144
WEBS	5-18=0/758, 6-17=-586/0, 2-21=-4551/0, 2-19=0/3007, 5-19=-2625/0, 11-13=-4685/0, 11-15=0/3077, 9-15=-575/0, 8-15=-1910/0, 8-16=0/768, 7-16=-791/0, 6-16=0/1342

NOTES-

1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) All plates are 3x6 MT20 unless otherwise indicated.
5) Plates checked for a plus or minus 0 degree rotation about its center.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
7) CAUTION, Do not erect truss backwards.



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April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F42	Floor	4	1	T16796589
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:05 2019 Page 1
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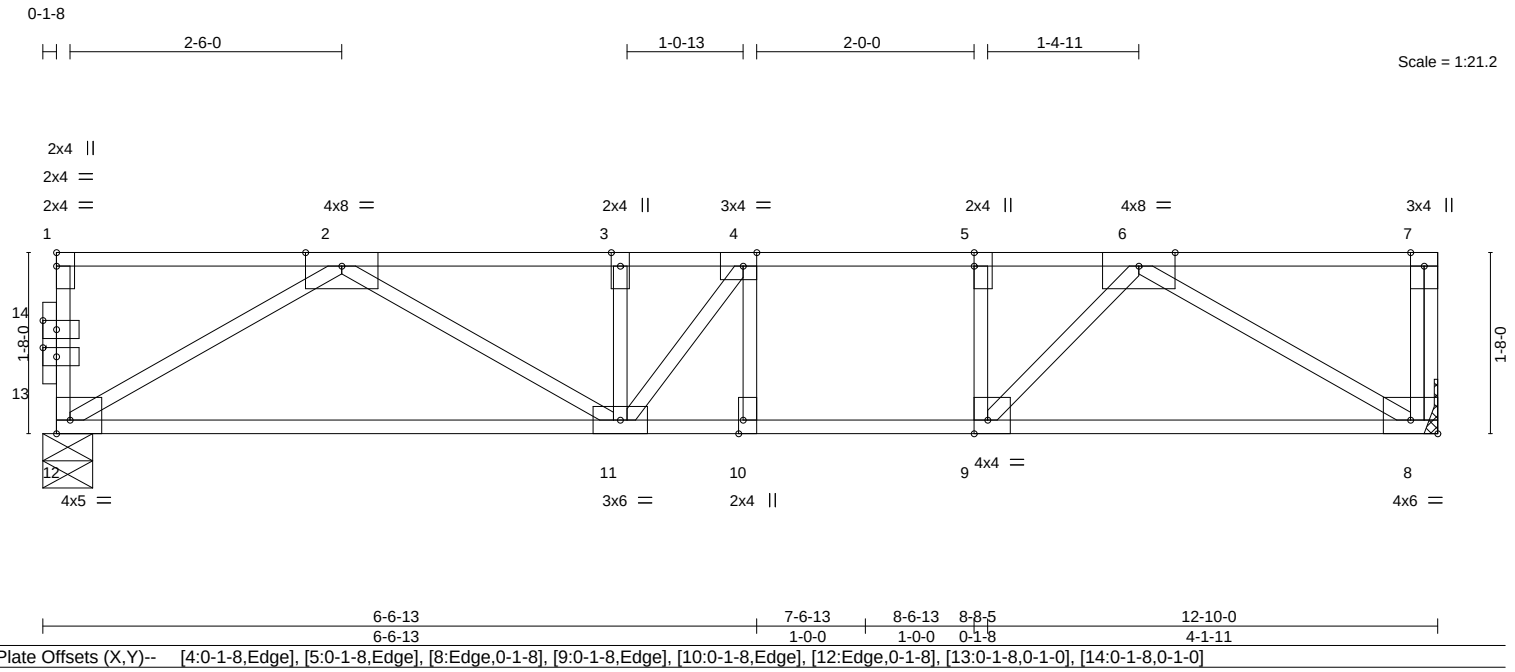


Plate Offsets (X,Y)-- [4:0-1-8,Edge], [5:0-1-8,Edge], [8:Edge,0-1-8], [9:0-1-8,Edge], [10:0-1-8,Edge], [12:Edge,0-1-8], [13:0-1-8,0-1-0], [14:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.59	Vert(LL)	-0.10	10-11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.74	Vert(CT)	-0.26	10-11	>578	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.69	Horz(CT)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 70 lb	FT = 5%F, 0%E

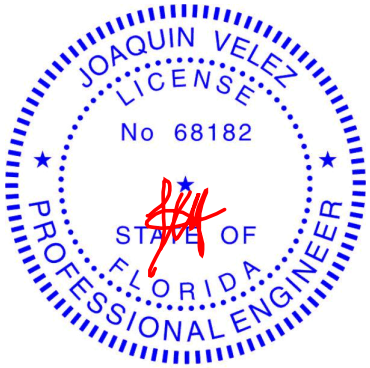
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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. (lb/size) 8=1477/Mechanical, 12=1477/0-5-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 7-8=-258/0, 2-3=-2979/0, 3-4=-2979/0, 4-5=-2831/0, 5-6=-2831/0
BOT CHORD 11-12=0/2042, 10-11=0/2831, 9-10=0/2831, 8-9=0/2080
WEBS 4-10=-301/0, 5-9=-661/0, 2-12=-2384/0, 2-11=0/1093, 3-11=-600/0, 4-11=-67/384, 6-8=-2413/0, 6-9=0/1178

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Refer to girder(s) for truss to truss connections.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



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April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F43	FLOOR	4	1	T16796590
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:06 2019 Page 1
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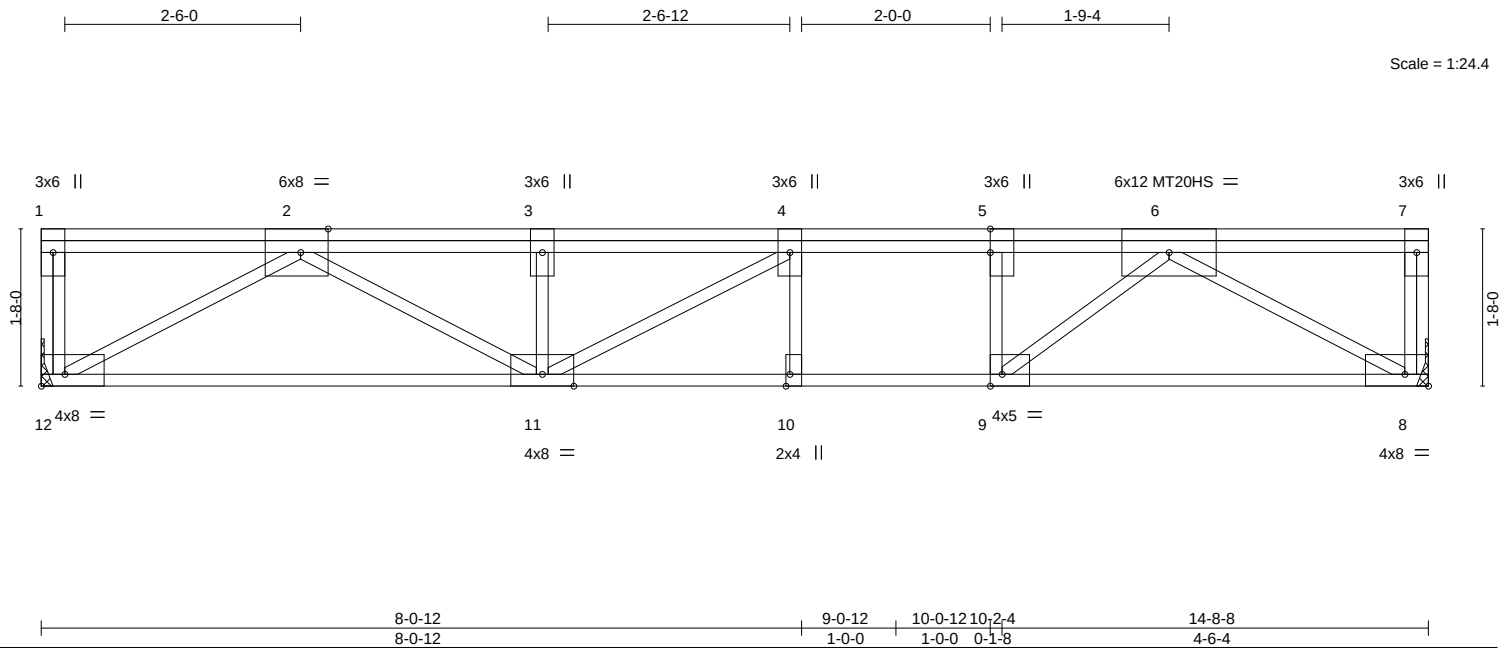


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [5:0-3-0,0-0-0], [8:Edge,0-1-8], [9:0-1-8,Edge], [10:0-1-8,Edge], [12:Edge,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.40	Vert(LL)	-0.09	10-11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.63	Vert(CT)	-0.27	10-11	>643	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.05	8	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 99 lb	FT = 5%F, 0%E

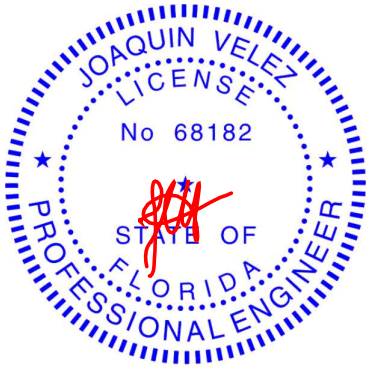
LUMBER-
TOP CHORD 2x4 SP M 31(flat)
BOT CHORD 2x4 SP M 31(flat)
WEBS 2x4 SP No.3(flat)

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. (lb/size) 12=1706/Mechanical, 8=1706/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-260/0, 7-8=-289/0, 2-3=-3985/0, 3-4=-3985/0, 4-5=-3894/0, 5-6=-3894/0
BOT CHORD 11-12=0/2531, 10-11=0/3894, 9-10=0/3894, 8-9=0/2498
WEBS 5-9=-1047/0, 2-12=-2906/0, 2-11=0/1679, 3-11=-832/0, 4-11=-223/271, 6-8=-2868/0, 6-9=0/1860

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) All plates are MT20 plates unless otherwise indicated.
4) Plates checked for a plus or minus 0 degree rotation about its center.
5) Refer to girder(s) for truss to truss connections.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	F44	Floor	9	1	T16796591
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:06 2019 Page 1
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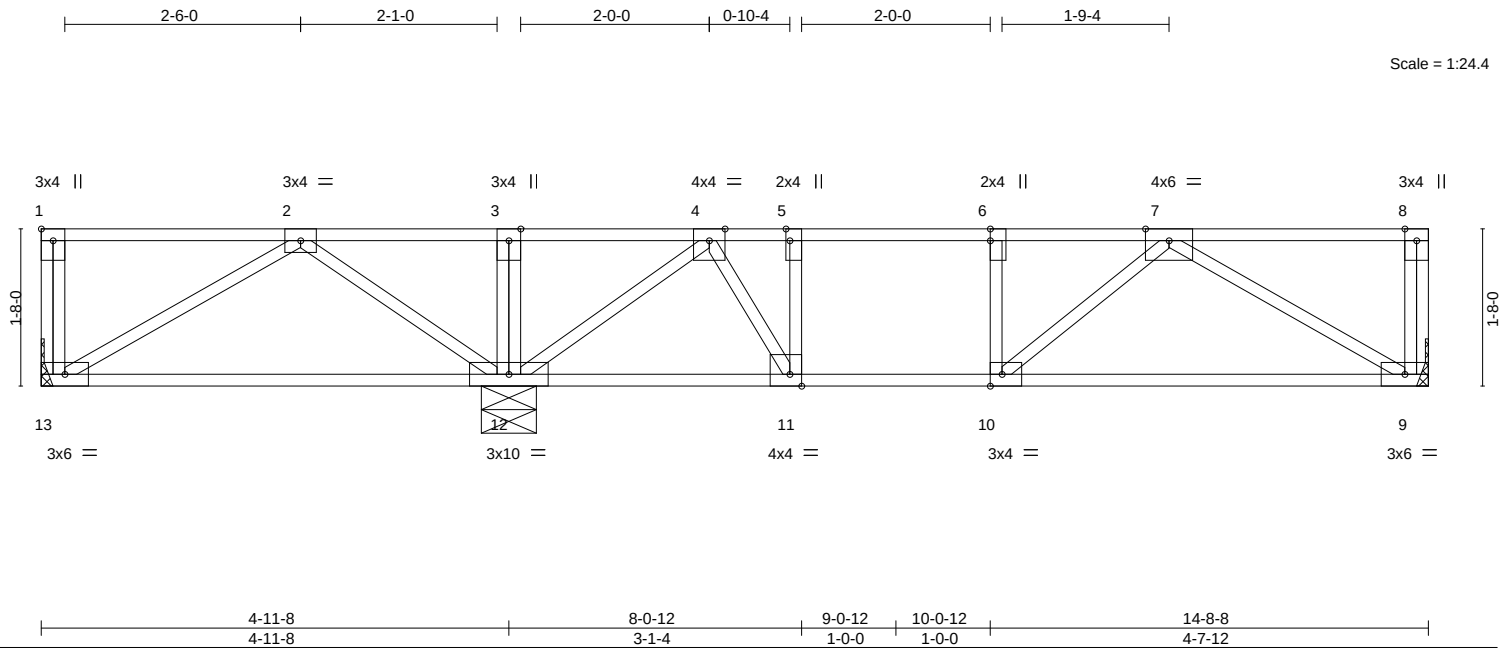


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1-8,0-0-0], [10:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.96	Vert(LL)	-0.06	9-10	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.79	Vert(CT)	-0.20	9-10	>577	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.03	9	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-S							Weight: 82 lb	FT = 5%F, 0%E

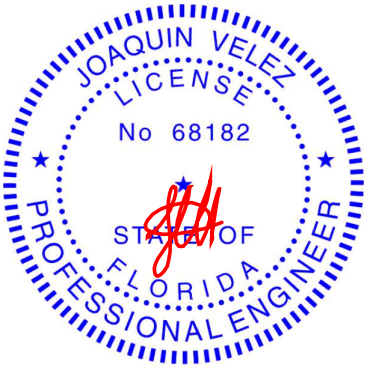
LUMBER-
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-7-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 13=667/Mechanical, 9=1185/Mechanical, 12=1560/0-7-0
Max Grav 13=724(LC 8), 9=1188(LC 4), 12=1616(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-536/0, 3-4=-537/0, 4-5=-1883/0, 5-6=-1883/0, 6-7=-1883/0
BOT CHORD 12-13=0/787, 11-12=0/1516, 10-11=0/1883, 9-10=0/1568
WEBS 5-11=-571/0, 6-10=-270/0, 3-12=-489/0, 2-13=-912/0, 2-12=-547/0, 4-12=-1400/0, 7-9=-1818/0, 7-10=0/419, 4-11=0/751

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
3) Plates checked for a plus or minus 0 degree rotation about its center.
4) Refer to girder(s) for truss to truss connections.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.



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April 17,2019

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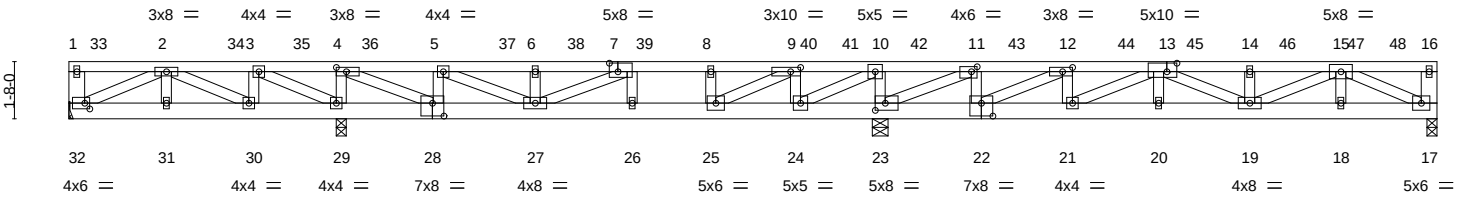
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FG1	FLOOR	1	3	T16796592
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:10 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-?uDNUiE6FRuIgvovD9NRSaKD5TKB2Wg9du80ENzQ8kJ

2-10-1	5-4-11	7-11-4	10-9-3	13-7-1	16-5-0	18-8-8	21-2-2	23-7-12	26-5-6	29-1-4	31-9-2	34-5-0	37-0-14	39-10-8
2-10-1	2-6-9	2-6-9	2-9-15	2-9-15	2-9-15	2-3-8	2-5-10	2-5-10	2-9-10	2-7-14	2-7-14	2-7-14	2-7-14	2-9-10

Scale = 1:67.2

THIS TRUSS IS NOT SYMMETRIC.
PROPER ORIENTATION IS ESSENTIAL.



2-10-1	5-4-11	7-11-4	10-9-3	13-7-1	16-5-0	18-8-8	21-2-2	23-7-12	26-5-6	29-1-4	31-9-2	34-5-0	37-0-14	39-10-8
2-10-1	2-6-9	2-6-9	2-9-15	2-9-15	2-9-15	2-3-8	2-5-10	2-5-10	2-9-10	2-7-14	2-7-14	2-7-14	2-7-14	2-9-10

Plate Offsets (X,Y)-- [4:0-3-8,0-1-8], [7:0-3-0,0-3-0], [9:0-3-8,0-1-8], [11:0-2-0,0-1-12], [12:0-3-8,0-1-8], [13:0-3-8,0-3-0], [22:0-4-0,0-4-8], [23:0-3-8,0-2-8], [28:0-4-0,0-4-8], [32:0-1-12,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.67	Vert(LL)	-0.07	20	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.85	Vert(CT)	-0.20	19-20	>962	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.72	Horz(CT)	0.02	17	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 685 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP M 31 *Except*
13-16: 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2 *Except*
1-32,16-17: 2x6 SP No.2

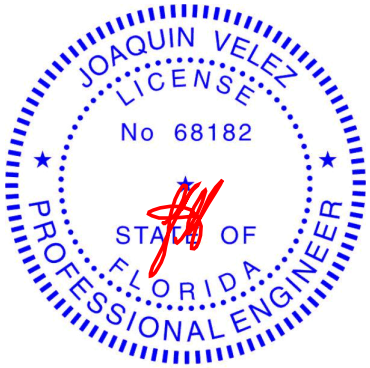
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 0-3-8 except (jt=length) 32=Mechanical, 23=0-5-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) except 32=1045(LC 5), 17=3521(LC 5), 29=7500(LC 3), 23=10979(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-32=-653/0, 2-3=0/2280, 3-4=0/5914, 5-6=-4558/0, 6-7=-4558/0, 7-8=-3549/0, 8-9=-3549/0, 9-10=0/3986, 10-11=0/9785, 11-12=-794/151, 12-13=-6606/0, 13-14=-8649/0, 14-15=-8649/0, 15-16=-362/0, 16-17=-616/0
BOT CHORD 31-32=0/805, 30-31=0/805, 29-30=-2280/0, 28-29=-5914/0, 27-28=0/535, 26-27=0/3992, 25-26=0/3549, 24-25=-3986/0, 23-24=-9785/0, 22-23=-377/535, 21-22=0/6606, 20-21=0/9188, 19-20=0/9181, 18-19=0/5727, 17-18=0/5727
WEBS 2-32=-710/73, 2-30=-2663/0, 3-30=0/787, 3-29=-4444/0, 4-29=-4621/0, 4-28=0/6591, 5-28=-3397/0, 5-27=0/4459, 6-27=-1602/0, 7-27=0/1046, 7-26=-1608/0, 8-25=-1900/0, 9-25=0/7616, 9-24=-4469/0, 10-24=0/6886, 10-23=-5086/0, 11-23=-10781/0, 11-22=0/2342, 12-22=-6669/0, 12-21=0/1396, 13-21=-2941/0, 13-19=-603/0, 14-19=-1256/0, 15-19=0/3249, 15-17=-6004/0

NOTES-
1) 3-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.
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 floor live loads have been considered for this design.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Refer to girder(s) for truss to truss connections.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

Continued on page 2

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-16=-326, 17-32=-10
   Concentrated Loads (lb)
   Vert: 2=-320 5=-472 8=-472 12=-373 33=-326 34=-391 35=-472 36=-472 37=-472 38=-472 39=-472 40=-472 41=-472 42=-472 43=-1483 44=-392 45=-402 46=-396 47=-323 48=-326

MiTek

6904 Parke East Blvd.
Tampa, FL 36610

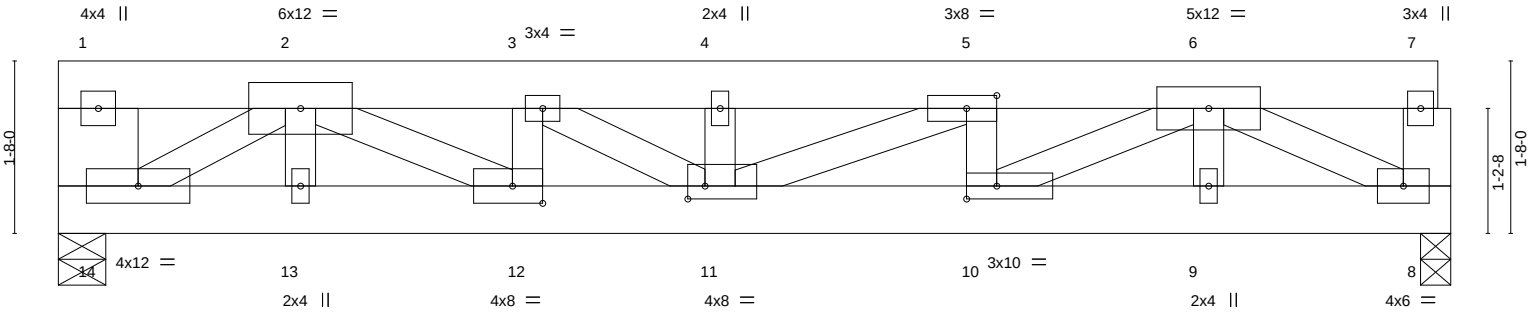
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FG2	FLOOR	1	3	T16796593
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:11 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-T4nli2Fk0l09H3N6mtug?osLlthZnxZIsYtampzQ8kl

2-4-1	4-6-7	6-4-12	8-11-1	11-1-7	13-4-0	13-5-8
2-4-1	2-2-5	1-10-5	2-6-5	2-2-5	2-2-9	0-1-8

Scale = 1:22.3



2-4-1	4-6-7	6-4-12	8-11-1	11-1-7	13-5-8
2-4-1	2-2-5	1-10-5	2-6-5	2-2-5	2-4-1

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.87	Vert(LL)	-0.08	11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.78	Vert(CT)	-0.26	11	>603	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.87	Horz(CT)	0.04	8	n/a	n/a		
BCDL	5.0	Code	FBC2017/TPI2014	Matrix-MS							Weight: 271 lb	FT = 10%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x6 SP DSS
WEBS 2x4 SP No.2 *Except*
1-14: 2x10 SP No.2, 7-8: 2x6 SP No.2

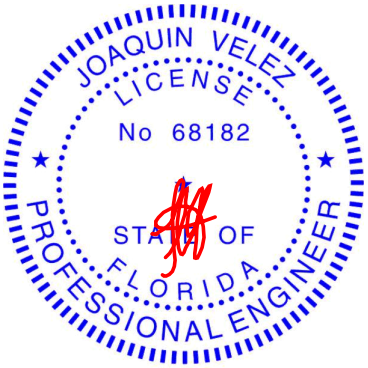
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 14=15535/0-5-8, 8=5376/0-3-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-8293/0, 1-2=-1307/0, 2-3=-19827/0, 3-4=-21701/0, 4-5=-21701/0, 5-6=-16139/0, 6-7=-704/0, 7-8=-580/0
BOT CHORD 13-14=0/11756, 12-13=0/11756, 11-12=0/19827, 10-11=0/16139, 9-10=0/8405, 8-9=0/8405
WEBS 2-14=-12284/0, 2-13=-629/0, 2-12=0/9214, 3-12=-4153/0, 3-11=0/2234, 4-11=-4740/0, 5-11=0/6165, 5-10=-3753/0, 6-10=0/8829, 6-9=-346/0, 6-8=-8873/0

NOTES-
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x10 - 2 rows staggered 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) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-7=-326, 8-14=-10
Concentrated Loads (lb)
Vert: 1=-7510 2=-2256 3=-2217 4=-4613



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

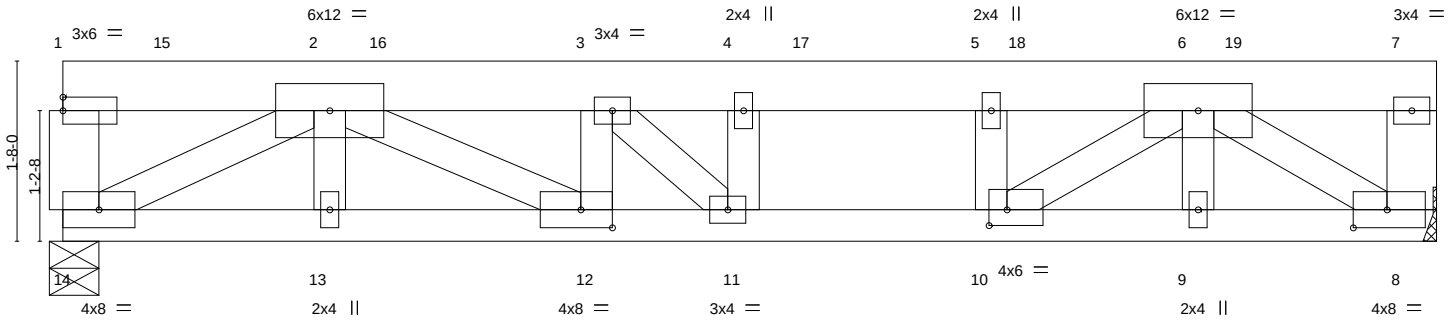
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FG3	FLOOR	1	2	T16796594
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:11 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-T4nli2Fk0l09H3N6mtug?osQ3teAnwPIsYtampzQ8kl

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

Scale = 1:21.3



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

Plate Offsets (X,Y)-- [8:0-3-12,0-2-0], [10:0-2-0,0-1-12], [12:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.53	Vert(LL)	-0.08	11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	1.00	Vert(CT)	-0.25	11-12	>598	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.94	Horz(CT)	0.07	8	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 148 lb	FT = 10%

LUMBER-
TOP CHORD 2x6 SP DSS
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.2 *Except*
1-14,7-8: 2x6 SP No.2

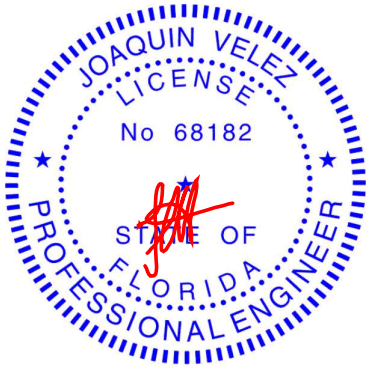
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 14=4757/0-5-8, 8=5438/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-824/0, 1-2=-473/0, 2-3=-12727/0, 3-4=-12540/0, 4-5=-12540/0, 5-6=-12540/0, 6-7=-509/0, 7-8=-972/0
BOT CHORD 13-14=0/7408, 12-13=0/7408, 11-12=0/12727, 10-11=0/12540, 9-10=0/7024, 8-9=0/7024
WEBS 2-14=-7902/0, 2-12=0/6003, 3-12=-2530/0, 3-11=-397/21, 4-11=-416/0, 5-10=-3275/0, 6-10=0/6664, 6-9=-359/0, 6-8=-7782/0

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.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced floor live loads have been considered for this design.
4) Refer to girder(s) for truss to truss connections.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-7=-326, 8-14=-10
Concentrated Loads (lb)
Vert: 3=-1821 15=-326 16=-320 17=-1190 18=-1190 19=-1190



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

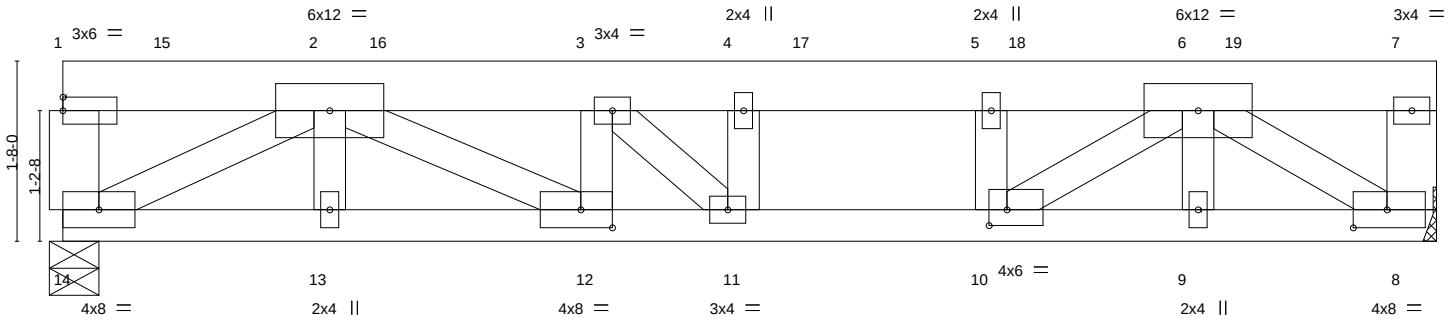
MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FG4	FLOOR	1	2	T16796595
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:12 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-xGL7vOGMn380vCyIKaPvX?PbpG_PWNfS5Cd7JGzQ8kH

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

Scale = 1:21.3



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

Plate Offsets (X,Y)-- [8:0-3-12,0-2-0], [10:0-2-0,0-1-12], [12:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.53	Vert(LL)	-0.08	11	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	1.00	Vert(CT)	-0.25	11-12	>598	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.94	Horz(CT)	0.07	8	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 148 lb	FT = 10%

LUMBER-
TOP CHORD 2x6 SP DSS
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.2 *Except*
1-14,7-8: 2x6 SP No.2

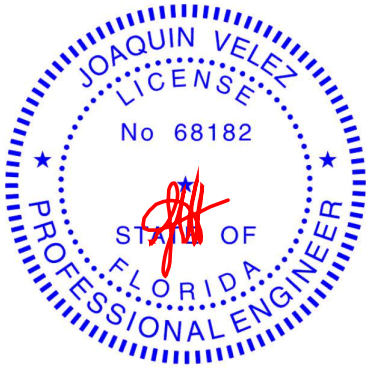
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 14=4757/0-5-8, 8=5438/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-824/0, 1-2=-473/0, 2-3=-12727/0, 3-4=-12540/0, 4-5=-12540/0, 5-6=-12540/0, 6-7=-509/0, 7-8=-972/0
BOT CHORD 13-14=0/7408, 12-13=0/7408, 11-12=0/12727, 10-11=0/12540, 9-10=0/7024, 8-9=0/7024
WEBS 2-14=-7902/0, 2-12=0/6003, 3-12=-2530/0, 3-11=-397/21, 4-11=-416/0, 5-10=-3275/0, 6-10=0/6664, 6-9=-359/0, 6-8=-7782/0

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.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced floor live loads have been considered for this design.
4) Refer to girder(s) for truss to truss connections.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-7=-326, 8-14=-10
Concentrated Loads (lb)
Vert: 3=-1821 15=-326 16=-320 17=-1190 18=-1190 19=-1190



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

MiTek
6904 Parke East Blvd.
Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FG5	FLOOR	1	2	T16796596
					Job Reference (optional)

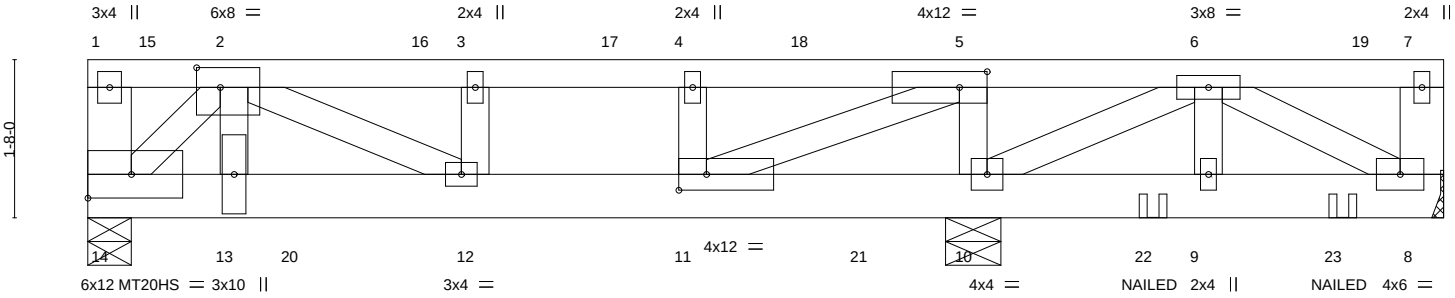
TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:13 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-QTvW7kH_YMGtXMXUuIx84DyhGgNpFvjbJsMhrizQ8kG

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

Scale = 1:24.3

THIS TRUSS IS NOT SYMMETRIC.
PROPER ORIENTATION IS ESSENTIAL.



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

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.87	Vert(LL)	-0.08	12	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.79	Vert(CT)	-0.16	12-13	>675	360	MT20HS	187/143
BCLL	0.0	Rep Stress Incr	NO	WB	0.63	Horz(CT)	0.01	10	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 164 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP DSS
WEBS 2x4 SP No.2 *Except*
1-14,7-8: 2x6 SP No.2, 5-11: 2x4 SP M 31

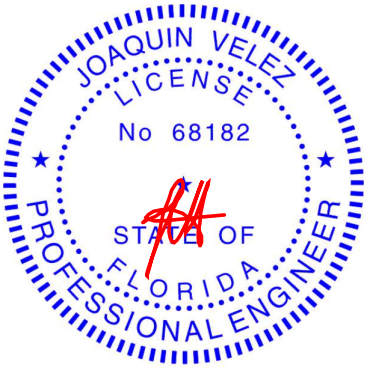
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 14=8004/0-5-8, 8=608/Mechanical, 10=7421/0-7-0
Max Grav 14=8006(LC 3), 8=671(LC 4), 10=7421(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-14=-1031/0, 1-2=-571/0, 2-3=-7328/0, 3-4=-7328/0, 4-5=-7328/0, 5-6=0/1979, 7-8=-599/0
BOT CHORD 13-14=0/7289, 12-13=0/7289, 11-12=0/7328, 10-11=-1979/0, 9-10=-418/0, 8-9=-418/0
WEBS 2-14=-9426/0, 2-13=0/1215, 3-12=-640/0, 4-11=-1452/0, 5-11=0/10155, 5-10=-5309/0, 6-10=-1944/0, 6-9=-435/0, 6-8=0/608

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.
Webs connected as follows: 2x4 - 1 row at 0-7-0 oc, Except member 2-13 2x4 - 1 row at 0-9-0 oc, member 12-2 2x4 - 1 row at 0-9-0 oc, member 3-12 2x4 - 1 row at 0-9-0 oc, member 4-11 2x4 - 1 row at 0-9-0 oc, member 11-5 2x4 - 1 row at 0-9-0 oc, member 5-10 2x4 - 1 row at 0-9-0 oc, member 10-6 2x4 - 1 row at 0-9-0 oc, member 6-9 2x4 - 1 row at 0-9-0 oc, member 8-6 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 floor live loads have been considered for this design.
4) All plates are MT20 plates unless otherwise indicated.
5) Refer to girder(s) for truss to truss connections.
6) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
8) "NAILED" indicates 3-10d (0.148"x3") or 3-12d (0.148"x3.25") toe-nails per NDS guidlines.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1047 lb down at 2-2-12, 1047 lb down at 4-2-12, and 1047 lb down at 6-2-12, and 1047 lb down at 8-2-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard



Joaquin Velez PE No.68182
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Date:
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MiTek
6904 Parke East Blvd.
Tampa, FL 36610

LOAD CASE(S) Standard

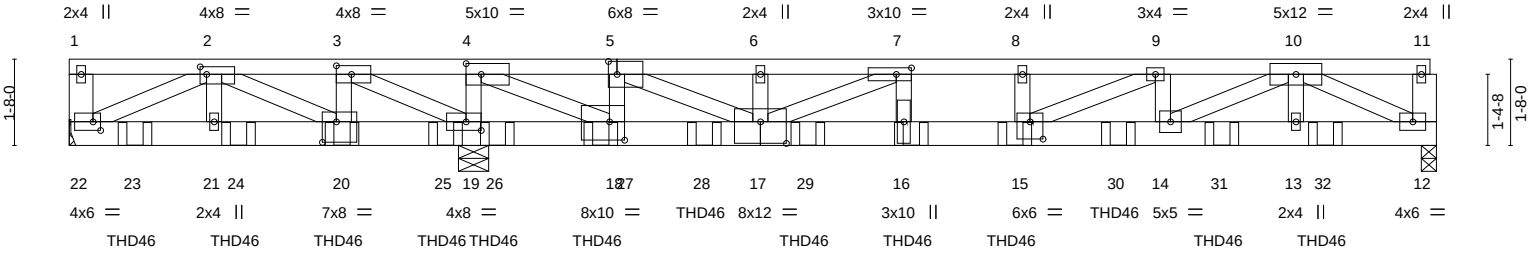
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-7=-326, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-7=-326, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-326, 5-7=-246, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-246, 5-7=-326, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-326, 5-7=-246, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-5=-246, 5-7=-326, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-4=-326, 4-5=-246, 5-7=-326, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-3=-246, 3-7=-326, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
9) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-4=-326, 4-5=-246, 5-7=-326, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)
10) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 1-3=-246, 3-7=-326, 8-14=-10
   Concentrated Loads (lb)
   Vert: 2=-4192 12=-1047(B) 11=-1047(B) 5=-228 6=-323 15=-1197 16=-228 17=-228 18=-228 19=-326 20=-1047(B) 21=-1047(B) 22=-123(B) 23=-124(B)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FG6	FLOOR	1	3	T16796597
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:14 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-ufTuK4HcJgOk8W6hS?SNdQUqS4k2_LklYW6EN8zQ8kF

2-9-9	5-3-11	7-9-12	10-7-0	13-4-4	16-1-8	18-5-0	21-1-9	23-8-7	26-3-8	26-5-0
2-9-9	2-6-1	2-6-1	2-9-4	2-9-4	2-9-4	2-3-8	2-8-9	2-6-13	2-7-1	0-1-8

Scale = 1:44.5



2-9-9	5-3-11	7-9-12	10-7-0	13-4-4	16-1-8	18-5-0	21-1-9	23-8-7	26-5-0
2-9-9	2-6-1	2-6-1	2-9-4	2-9-4	2-9-4	2-3-8	2-8-9	2-6-13	2-8-9

Plate Offsets (X,Y)-- [2:0-1-8,0-1-12], [3:0-3-8,0-2-0], [4:0-3-8,0-2-8], [5:0-2-0,0-3-0], [7:0-3-8,0-1-8], [15:0-3-0,0-4-0], [17:0-6-0,0-5-0], [18:0-3-8,0-4-4], [19:0-3-8,0-2-0], [20:0-3-4,0-4-12], [22:0-1-12,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.97	Vert(LL)	-0.15	15	>999	480	MT20	244/190
TCDL	73.0	Lumber DOL	1.00	BC	0.73	Vert(CT)	-0.45	15	>488	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.65	Horz(CT)	0.03	12	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 452 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP M 31 *Except* 5-11: 2x4 SP No.2
BOT CHORD 2x6 SP DSS
WEBS 2x4 SP No.2 *Except* 1-22,11-12: 2x6 SP No.2, 4-18,5-17: 2x4 SP M 31

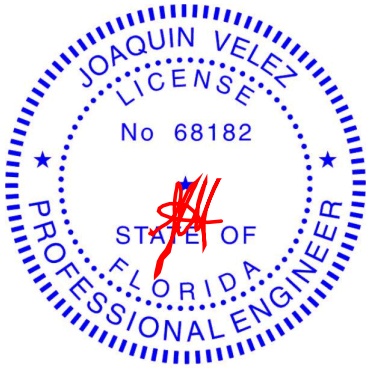
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-7-9 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 22=744/Mechanical, 12=5681/0-3-8, 19=17084/0-7-0
Max Grav 22=1045(LC 3), 12=5687(LC 4), 19=17084(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-22=-303/0, 2-3=0/7788, 3-4=0/16711, 4-5=0/2742, 5-6=-8882/0, 6-7=-8882/0, 7-8=-16478/0, 8-9=-16478/0, 9-10=-15888/0, 10-11=-574/0, 11-12=-354/0
BOT CHORD 21-22=-1222/0, 20-21=-1222/0, 19-20=-7788/0, 18-19=-16711/0, 17-18=-2742/0, 16-17=0/16478, 15-16=0/16478, 14-15=0/15888, 13-14=0/9740, 12-13=0/9740
WEBS 2-22=0/1567, 2-21=0/2334, 2-20=-7431/0, 3-20=0/4431, 3-19=-10411/0, 4-19=-7594/0, 4-18=0/15528, 5-18=-5793/0, 5-17=0/12687, 6-17=-556/0, 7-17=-8439/0, 7-16=0/2840, 8-15=-274/0, 9-15=0/964, 9-14=-976/0, 10-14=0/6881, 10-13=0/1205, 10-12=-10330/0

NOTES-
1) 3-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 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 3 rows staggered at 0-5-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 3-20 2x4 - 2 rows staggered at 0-4-0 oc, member 5-18 2x4 - 2 rows staggered at 0-4-0 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 floor live loads have been considered for this design.
4) Refer to girder(s) for truss to truss connections.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) Use USP THD46 (With 18-16d nails into Girder & 12-10d nails into Truss) or equivalent spaced at 2-0-0 oc max. starting at 1-3-4 from the left end to 24-3-4 to connect truss(es) to front face of bottom chord.
7) Fill all nail holes where hanger is in contact with lumber.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-11=-226, 12-22=-10



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LOAD CASE(S) Standard

Concentrated Loads (lb)

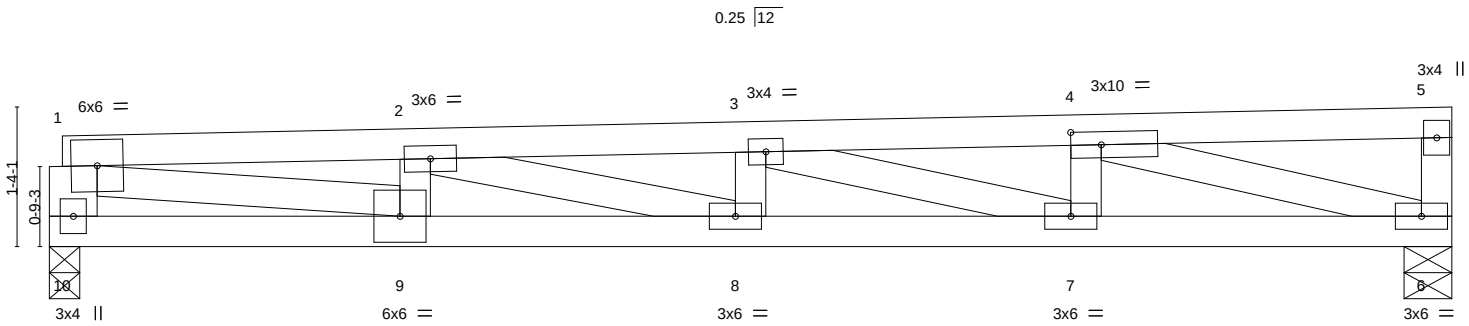
Vert: 20=-1696(F) 16=-1178(F) 15=-1178(F) 23=-1696(F) 24=-1696(F) 25=-1696(F) 26=-1178(F) 27=-1178(F) 28=-1178(F) 29=-1178(F) 30=-1178(F) 31=-1178(F) 32=-1178(F)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FL1	FLOOR	7	1	T16796598
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:14 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-ufTuK4HcJgOk8W6hS?SNdQUwf4nJ_JflYW6EN8zQ8kF

0-1-8	3-6-2	6-8-12	9-11-6	13-5-8
0-1-8	3-4-10	3-2-10	3-2-10	3-6-2

Scale = 1:22.1



3-6-2	6-8-12	9-11-6	13-5-8
3-6-2	3-2-10	3-2-10	3-6-2

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	60.0	Plate Grip DOL	1.00	TC	0.64	Vert(LL)	-0.22	8	>700	480	MT20	244/190
TCDL	15.0	Lumber DOL	1.00	BC	0.52	Vert(CT)	-0.30	8	>525	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 63 lb	FT = 10%

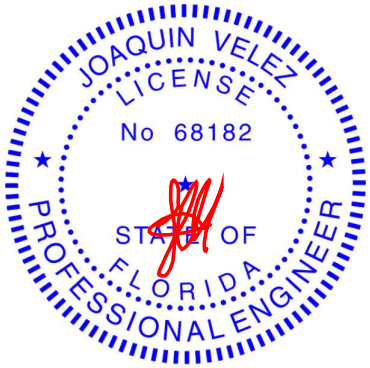
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.2 *Except*
1-10: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-3-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 10=1047/0-3-8, 6=1047/0-5-8

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-10=-965/0, 1-2=-2996/0, 2-3=-3758/0, 3-4=-2704/0, 5-6=-251/0
BOT CHORD 9-10=0/298, 8-9=0/2989, 7-8=0/3752, 6-7=0/2699
WEBS 1-9=0/2764, 2-9=-679/0, 2-8=0/789, 3-7=-1094/0, 4-7=0/286, 4-6=-2650/0

NOTES-
1) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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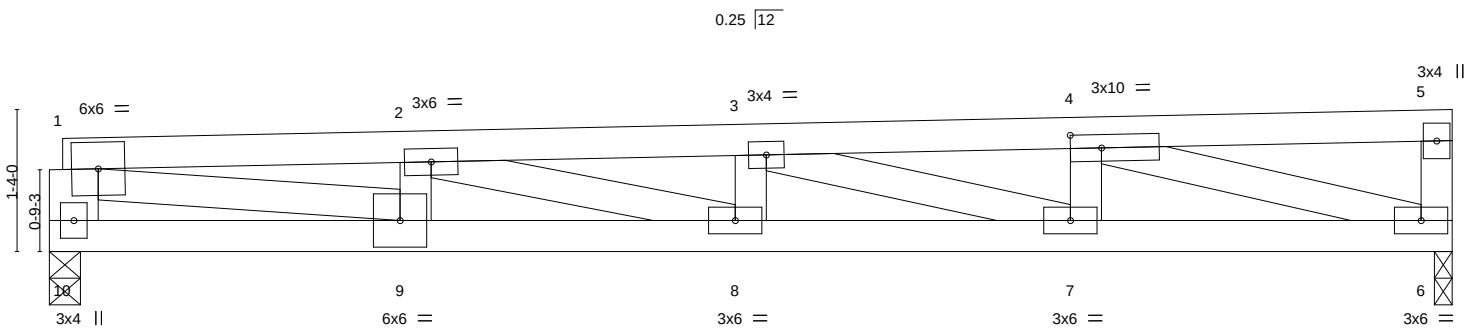
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FL2	FLOOR	1	1	T16796599
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:14 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-ufTuK4HcJgOk8W6hS?SNdQUwl4oe_KAlYW6EN8zQ8kF

0-1-8 | 3-5-4 | 6-7-0 | 9-8-12 | 13-2-0
0-1-8 | 3-3-12 | 3-1-12 | 3-1-12 | 3-5-4

Scale = 1:21.6



3-5-4 | 6-7-0 | 9-8-12 | 13-2-0
3-5-4 | 3-1-12 | 3-1-12 | 3-5-4

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	60.0	Plate Grip DOL	1.00	TC	0.60	Vert(LL)	-0.21	8	>744	480	MT20	244/190
TCDL	15.0	Lumber DOL	1.00	BC	0.50	Vert(CT)	-0.28	8	>558	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.75	Horz(CT)	0.04	6	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 61 lb	FT = 10%

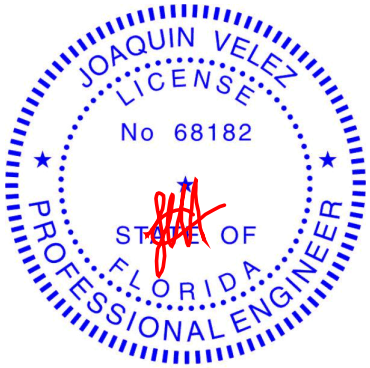
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.2 *Except*
1-10: 2x6 SP No.2

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

REACTIONS. (lb/size) 10=1023/0-3-8, 6=1023/0-2-0

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-10=-944/0, 1-2=-2868/0, 2-3=-3603/0, 3-4=-2597/0
BOT CHORD 9-10=0/286, 8-9=0/2862, 7-8=0/3597, 6-7=0/2592
WEBS 1-9=0/2650, 2-9=-665/0, 2-8=0/761, 3-7=-1047/0, 4-7=0/278, 4-6=-2547/0

NOTES-
1) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 6.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



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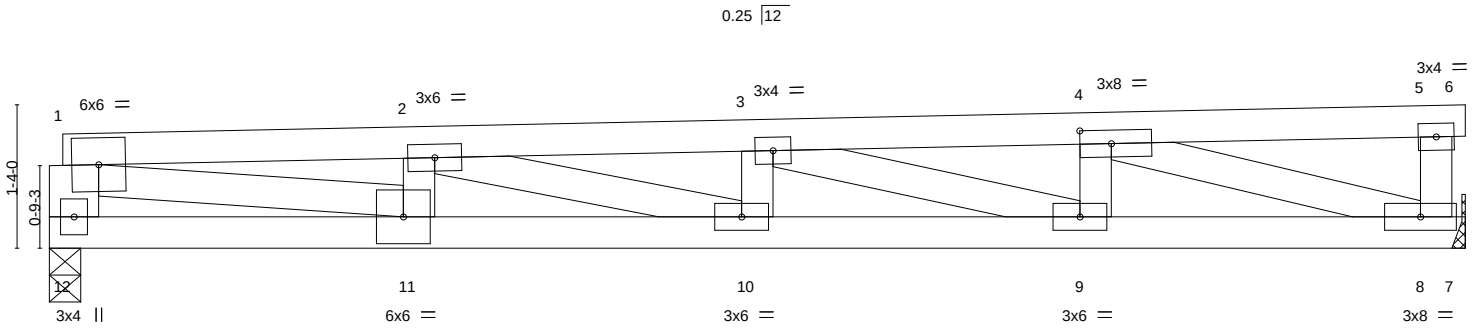
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	FL3	FLOOR	4	1	T16796600
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:15 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-Mr1GYQIE4_Wbmght?jzc9e15GU80jnaunArnwbzQ8kE

0-1-8	3-5-4	6-7-0	9-8-12	13-2-0
0-1-8	3-3-12	3-1-12	3-1-12	3-5-4

Scale = 1:21.4



3-5-4	6-7-0	9-8-12	13-2-0
3-5-4	3-1-12	3-1-12	3-5-4

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	60.0	Plate Grip DOL	1.00	TC	0.58	Vert(LL)	-0.20	10	>767	480	MT20	244/190
TCDL	15.0	Lumber DOL	1.00	BC	0.49	Vert(CT)	-0.26	10	>575	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.03	8	n/a	n/a		
BCDL	5.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 61 lb	FT = 10%

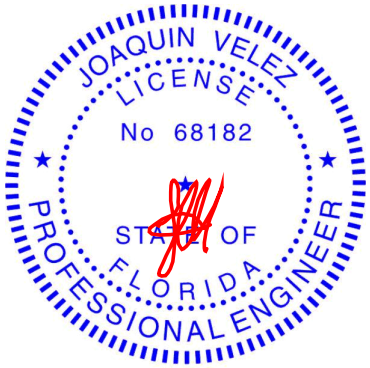
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP M 31
WEBS 2x4 SP No.2 *Except*
1-12: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-5-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 12=1013/0-3-8, 8=1057/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-934/0, 1-2=-2830/0, 2-3=-3536/0, 3-4=-2482/0, 5-8=-293/0
BOT CHORD 11-12=0/284, 10-11=0/2824, 9-10=0/3530, 8-9=0/2476
WEBS 1-11=0/2612, 2-11=-655/0, 2-10=0/731, 3-9=-1096/0, 4-9=0/282, 4-8=-2374/0

NOTES-
1) Refer to girder(s) for truss to truss connections.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J1	Jack-Open	13	1	T16796601
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:15 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-Mr1GYQIE4_Wbmght?jzc9e12UUD8jy5unArnwbzQ8kE

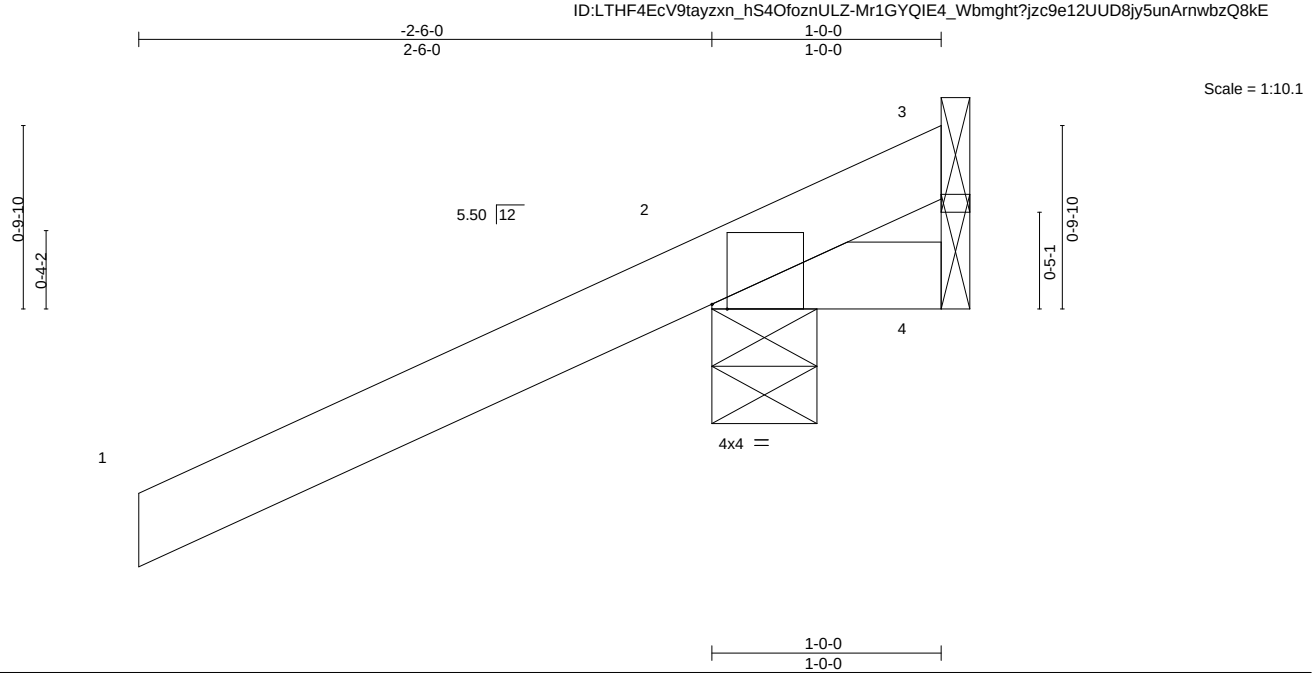

Plate Offsets (X,Y)-- [2:0-0-13,Edge]

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	0.82	Vert(LL)	0.00	5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.16	Vert(CT)	0.00	5	>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 FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.00	5	>999	240	Weight: 7 lb	FT = 10%

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

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

REACTIONS. (lb/size) 3=-68/Mechanical, 2=441/0-5-8, 4=-109/Mechanical
Max Horz 2=133(LC 12)
Max Uplift 3=-68(LC 1), 2=-541(LC 12), 4=-109(LC 1)
Max Grav 3=116(LC 12), 2=441(LC 1), 4=177(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-7-1, Interior(1) 0-7-1 to 0-11-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 68 lb uplift at joint 3, 541 lb uplift at joint 2 and 109 lb uplift at joint 4.

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J1A	Jack-Open	1	1	T16796602
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:16 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-q2bellJsqHeSOqF3ZQUriraLKuZsSPL2?qbLS1zQ8kD

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2-6-0 1-0-0

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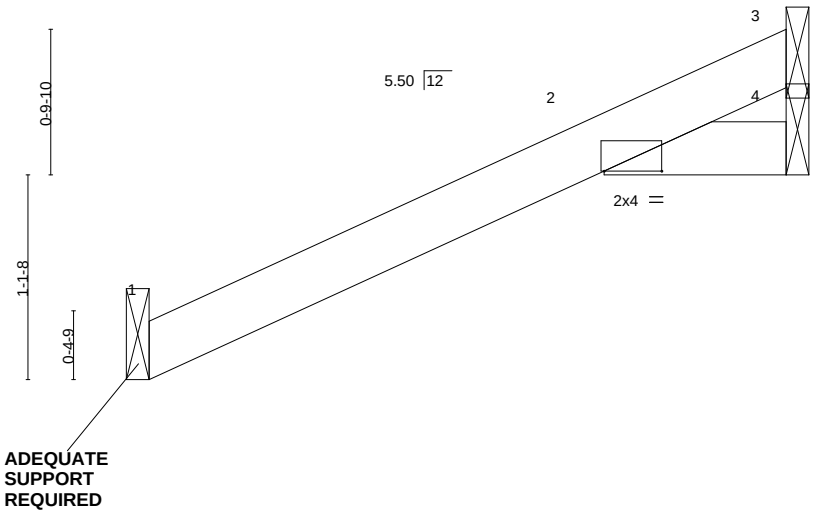


Plate Offsets (X,Y)-- [2:0-3-13,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.30	Vert(LL)	-0.01	5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	-0.03	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.03	5	>999	240	Weight: 7 lb	FT = 10%

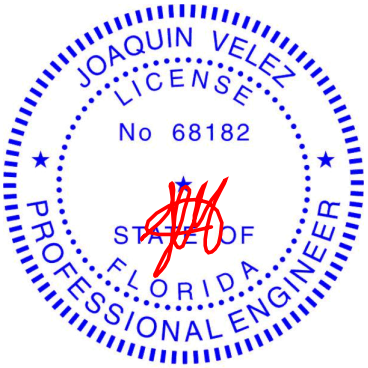
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (lb/size) 1=160/Mechanical, 3=77/Mechanical, 4=89/Mechanical
Max Horz 3=95(LC 12)
Max Uplift 1=-87(LC 12), 3=-1(LC 12), 4=-39(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-5-4 to 0-7-1, Interior(1) 0-7-1 to 0-11-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 1, 1 lb uplift at joint 3 and 39 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J1AU	Jack-Open	4	1	T16796603
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:16 2019 Page 1
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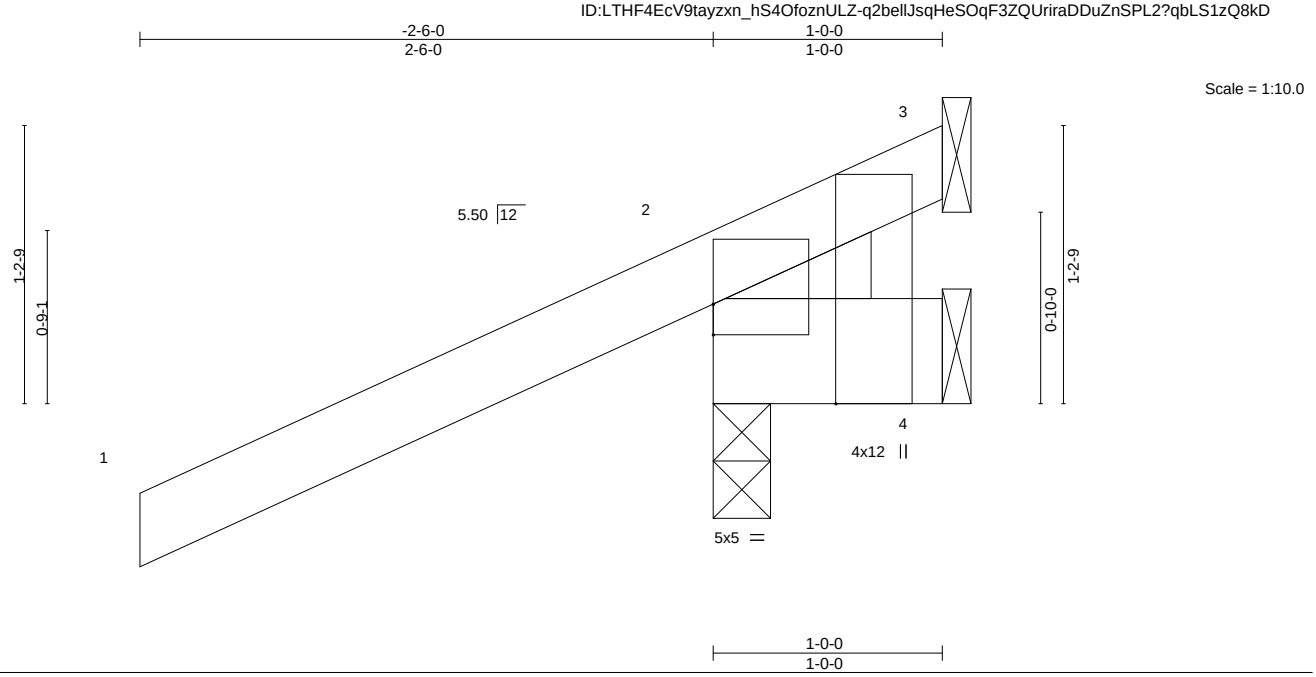


Plate Offsets (X,Y)-- [2:0-0-0,0-1-10], [2:0-5-3,Edge]

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	0.82	Vert(LL)	0.00	5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.00	5	>999	240	Weight: 9 lb	FT = 10%

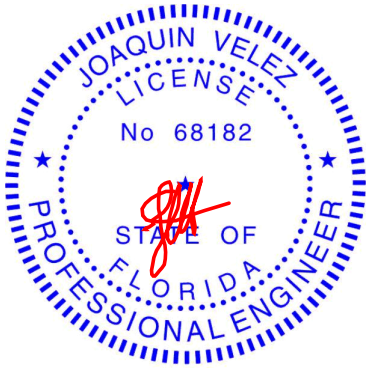
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x6 SP No.2
WEDGE
Left: 2x4 SP No.2

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

REACTIONS. (lb/size) 3=-47/Mechanical, 2=441/0-3-0, 4=-130/Mechanical
Max Horz 2=132(LC 12)
Max Uplift 3=-47(LC 1), 2=-497(LC 12), 4=-130(LC 1)
Max Grav 3=67(LC 12), 2=441(LC 1), 4=182(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 47 lb uplift at joint 3, 497 lb uplift at joint 2 and 130 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J1E	Jack-Open	4	1	T16796604
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:17 2019 Page 1

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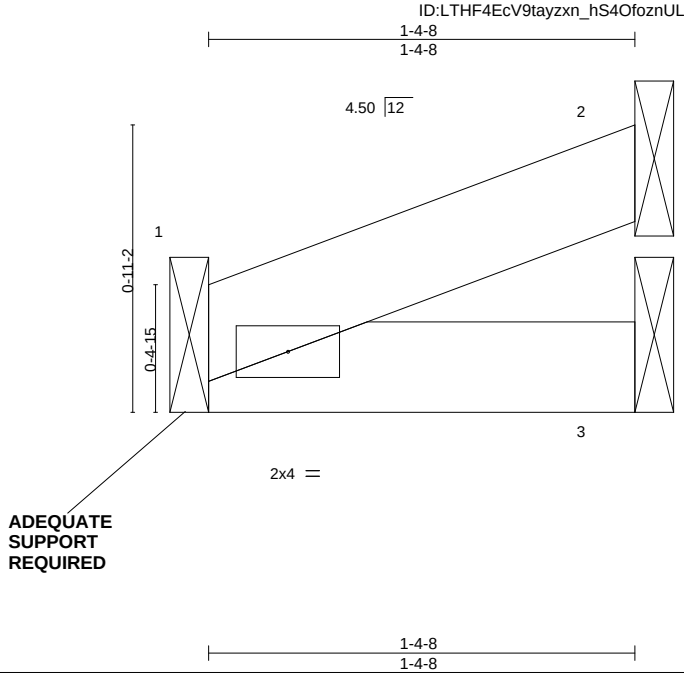


Scale = 1:7.4

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	0.03	Vert(LL)	-0.00	6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.00	6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.00	6	>999	240	Weight: 4 lb	FT = 10%

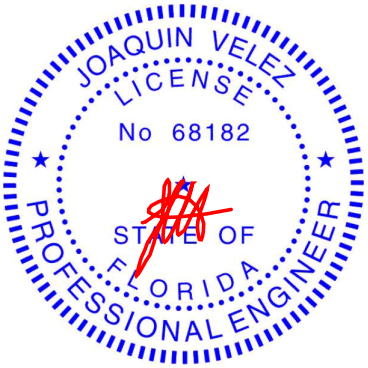
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (lb/size) 1=61/Mechanical, 2=39/Mechanical, 3=23/Mechanical
Max Horz 2=31(LC 12)
Max Uplift 1=-33(LC 12), 2=-17(LC 12), 3=-5(LC 12)
Max Grav 1=61(LC 1), 2=39(LC 1), 3=26(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 1, 17 lb uplift at joint 2 and 5 lb uplift at joint 3.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J1U	Jack-Open	14	1	T16796605
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:17 2019 Page 1
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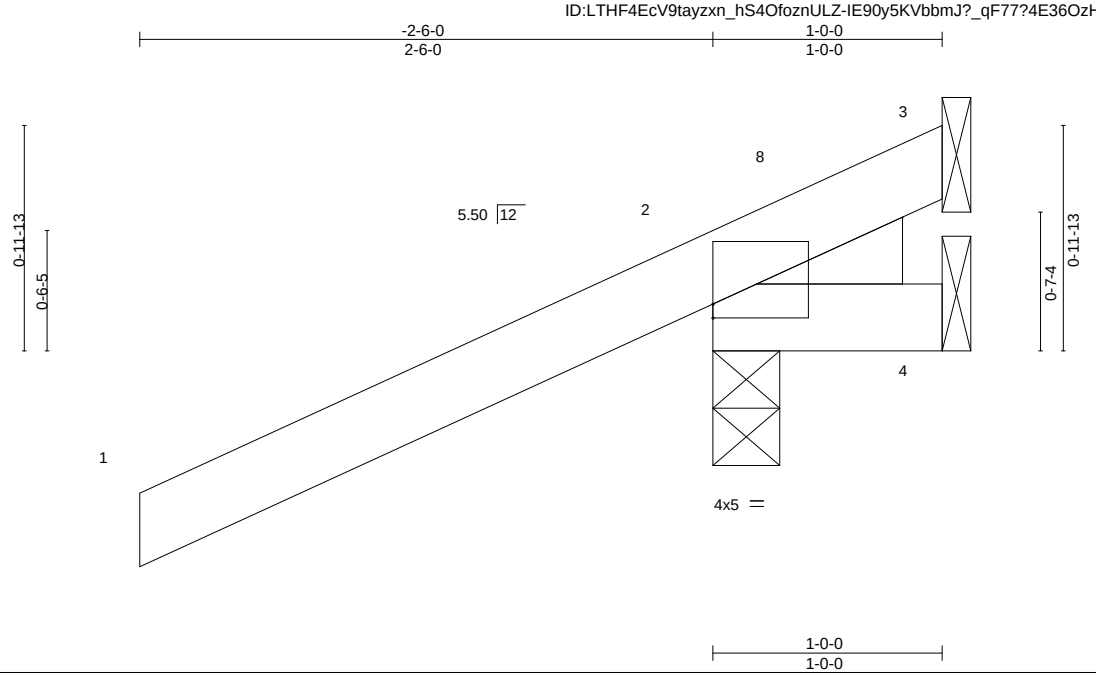


Plate Offsets (X,Y)-- [2:0-0-0,0-0-12]

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	0.82	Vert(LL)	0.00	7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	0.00	7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.00	7	>999	240	Weight: 8 lb	FT = 10%

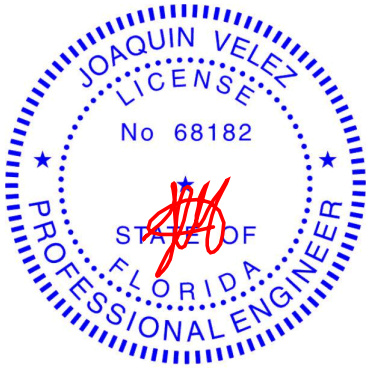
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (lb/size) 3=-78/Mechanical, 2=441/0-3-8, 4=-99/Mechanical
Max Horz 2=133(LC 12)
Max Uplift 3=-78(LC 1), 2=-517(LC 12), 4=-99(LC 1)
Max Grav 3=119(LC 12), 2=441(LC 1), 4=150(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 0-11-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 78 lb uplift at joint 3, 517 lb uplift at joint 2 and 99 lb uplift at joint 4.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J3	Jack-Open	19	1	T16796606
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:18 2019 Page 1
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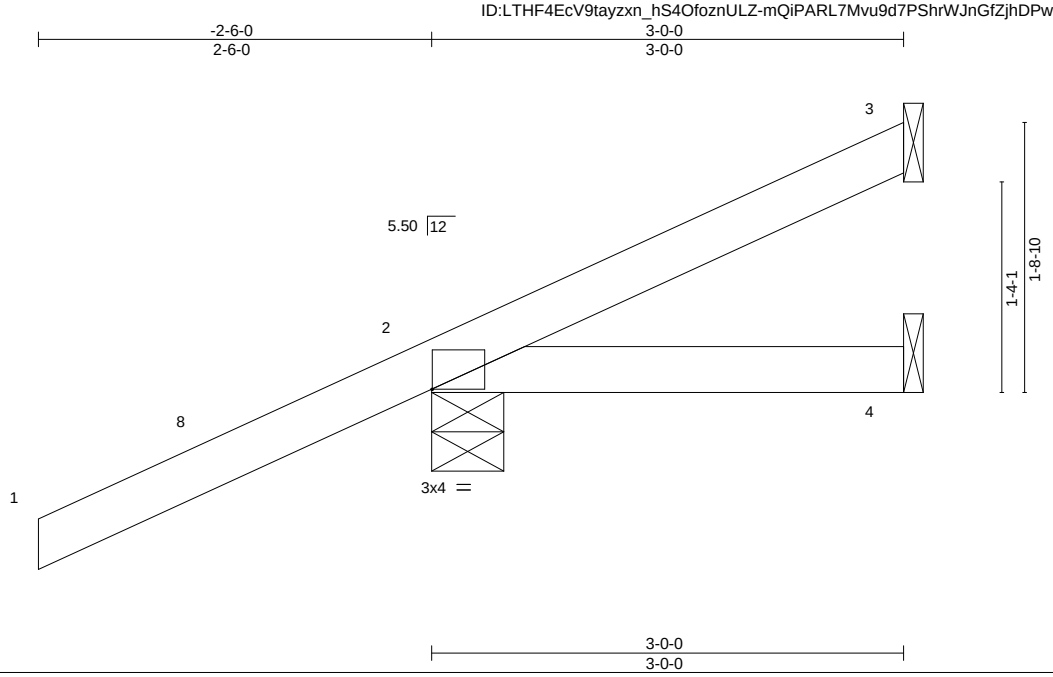


Plate Offsets (X,Y)-- [2:0-0-1,Edge]

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	0.82	Vert(LL)	0.00	4-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	0.00	7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.02	4-7	>999	240	Weight: 14 lb	FT = 10%

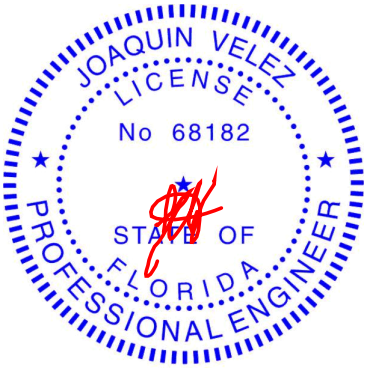
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (lb/size) 3=52/Mechanical, 2=382/0-5-8, 4=5/Mechanical
Max Horz 2=187(LC 12)
Max Uplift 3=-33(LC 9), 2=-355(LC 12)
Max Grav 3=57(LC 17), 2=382(LC 1), 4=52(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-7-1, Interior(1) 0-7-1 to 2-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 33 lb uplift at joint 3 and 355 lb uplift at joint 2.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J3A	Jack-Open	1	1	T16796607
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:18 2019 Page 1
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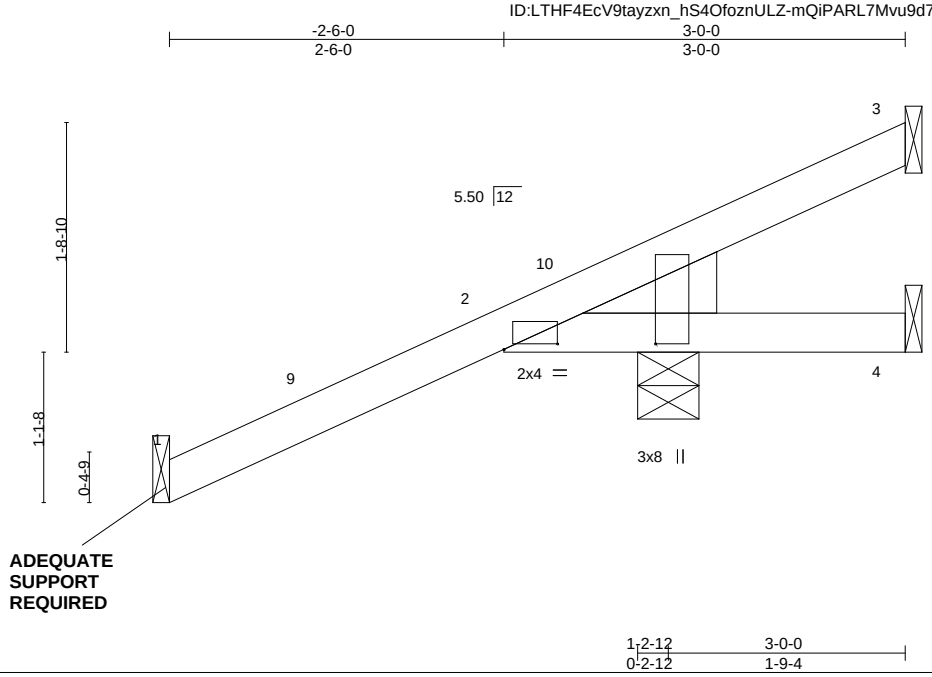


Plate Offsets (X,Y)-- [2:0-4-13,0-0-8], [2:0-0-8,1-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	-0.01	5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.01	5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.01	5	>999	240	Weight: 16 lb	FT = 10%

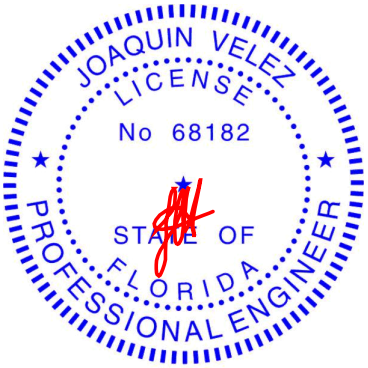
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x6 SP No.2

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

REACTIONS. (lb/size) 1=117/Mechanical, 3=-11/Mechanical, 4=-31/Mechanical, 2=447/0-5-8
Max Horz 2=150(LC 12)
Max Uplift 1=-55(LC 12), 3=-30(LC 12), 4=-31(LC 1), 2=-122(LC 12)
Max Grav 1=117(LC 1), 4=12(LC 12), 2=447(LC 1)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-5-4 to 0-6-12, Interior(1) 0-6-12 to 2-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 55 lb uplift at joint 1, 30 lb uplift at joint 3 , 31 lb uplift at joint 4 and 122 lb uplift at joint 2.



Joaquin Velez PE No.68182
MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J3AU	Jack-Open	4	1	T16796608
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:19 2019 Page 1
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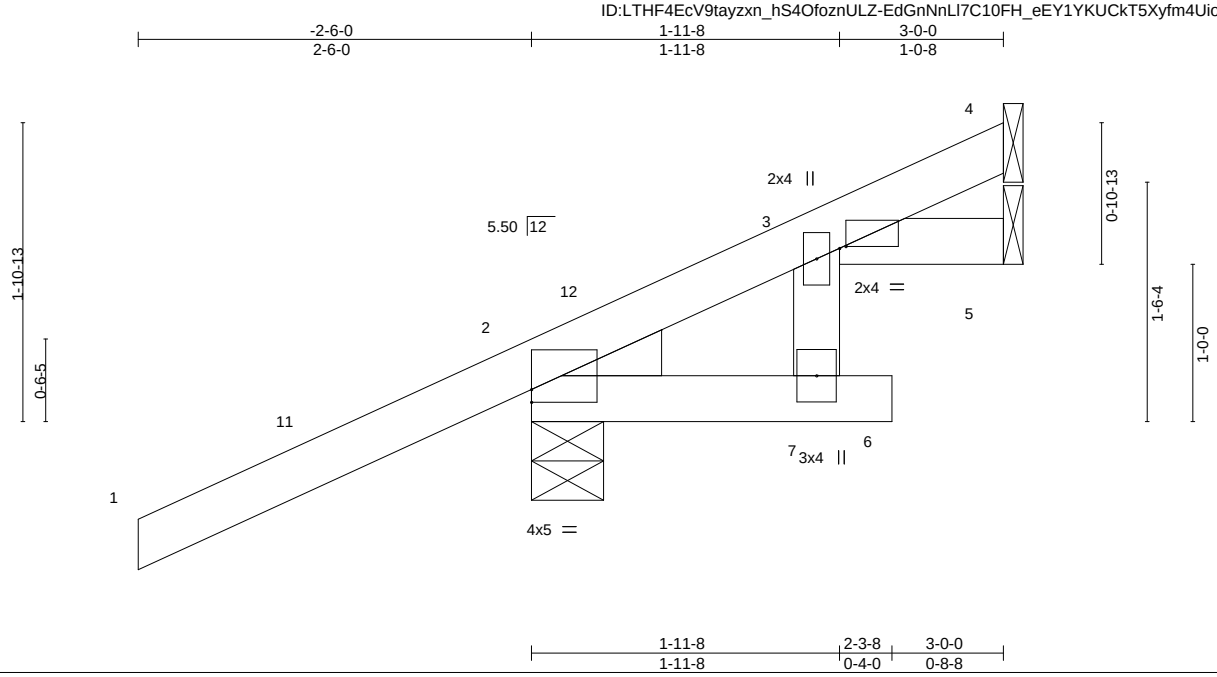


Plate Offsets (X,Y)-- [2:0-0-0,0-1-0], [3:0-0-8,0-0-2]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.00	7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.36	Vert(CT)	-0.01	6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR		Wind(LL)	-0.01	6	>999	240	Weight: 16 lb	FT = 10%

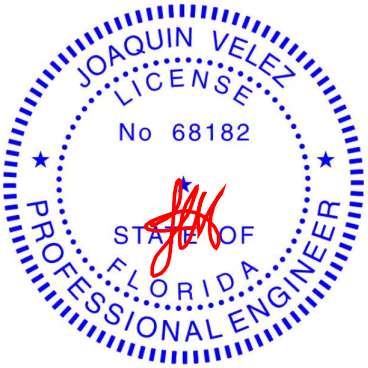
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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. (lb/size) 4=42/Mechanical, 2=385/0-5-8, 5=22/Mechanical
Max Horz 2=187(LC 12)
Max Uplift 4=-20(LC 9), 2=-342(LC 12)
Max Grav 4=47(LC 17), 2=385(LC 1), 5=46(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 2-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 20 lb uplift at joint 4 and 342 lb uplift at joint 2.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J3BU	Jack-Open	7	1	T16796609
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:19 2019 Page 1
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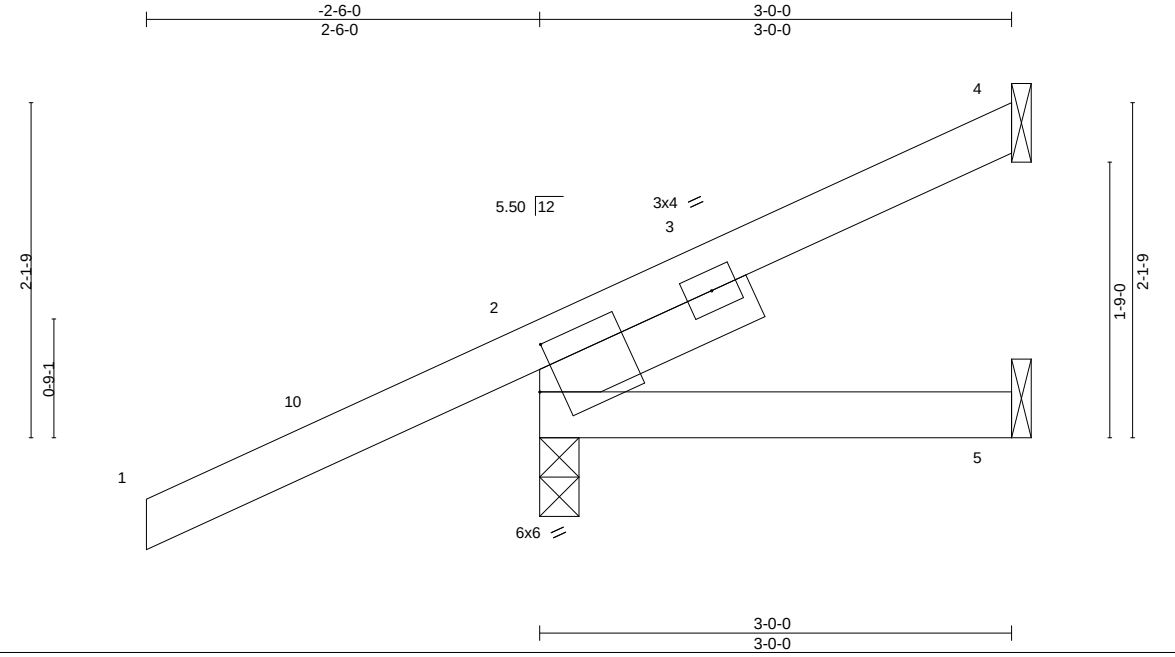


Plate Offsets (X,Y)-- [2:0-1-9,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	0.00	5-8	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	-0.00	5-8	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.01	5-8	>999	240	Weight: 16 lb	FT = 10%

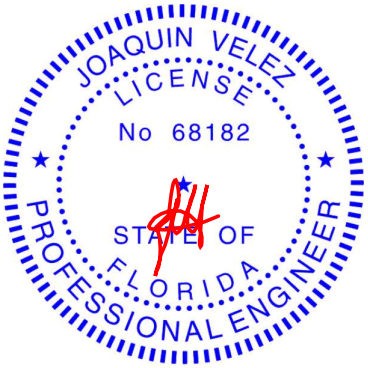
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
SLIDER Left 2x4 SP No.2 1-6-0

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

REACTIONS. (lb/size) 4=48/Mechanical, 2=382/0-3-0, 5=10/Mechanical
Max Horz 2=187(LC 12)
Max Uplift 4=-40(LC 9), 2=-329(LC 12)
Max Grav 4=54(LC 17), 2=382(LC 1), 5=42(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-639/285

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-4-11, Interior(1) 0-4-11 to 2-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 40 lb uplift at joint 4 and 329 lb uplift at joint 2.



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April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J3E	Jack-Open	4	1	T16796610
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:20 2019 Page 1
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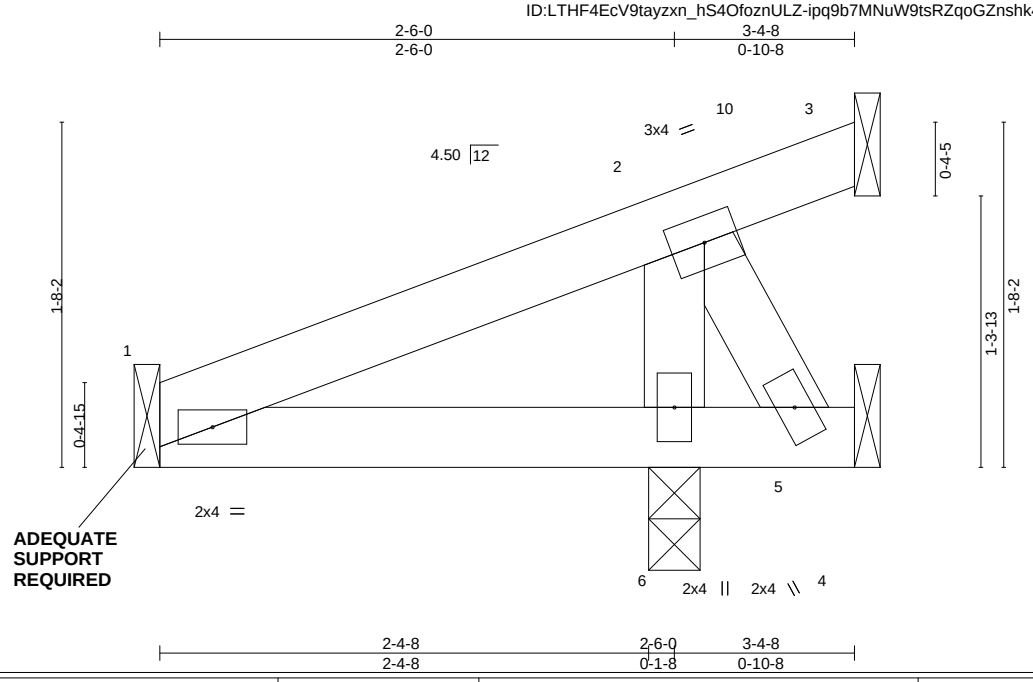


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.08	Vert(LL)	-0.00	9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.00	9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	-0.00	1	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.00	9	>999	240	Weight: 13 lb	FT = 10%

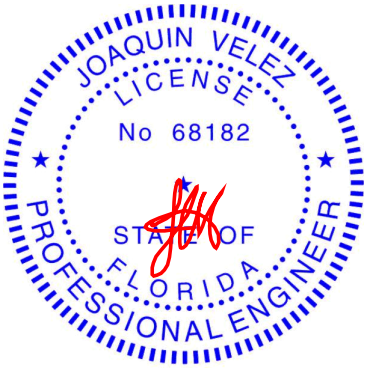
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings Mechanical except (jt=length) 6=0-3-0.
(lb) - Max Horz 6=75(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 1, 3, 6, 5
Max Grav All reactions 250 lb or less at joint(s) 1, 3, 6, 5

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 3-3-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 6, 5.



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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J3U	Jack-Open	10	1	T16796611
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:20 2019 Page 1
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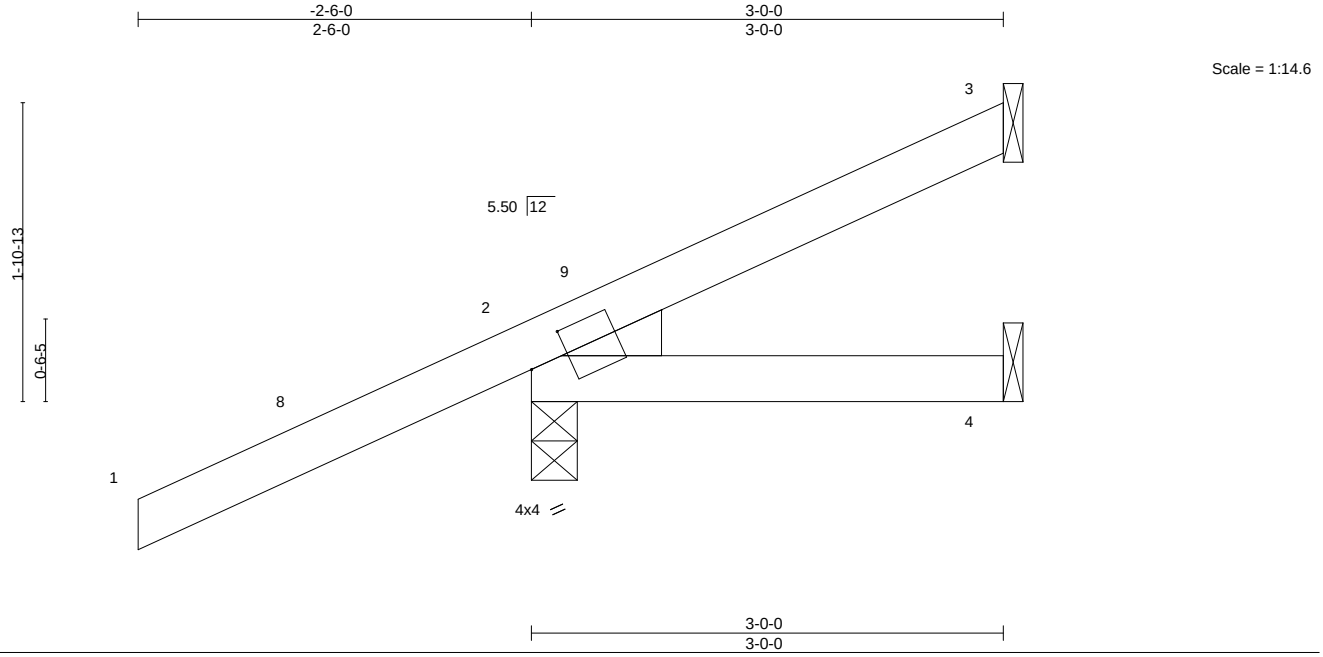


Plate Offsets (X,Y)-- [2:0-3-0,0-1-13]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	0.00	4-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	0.01	4-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.02	4-7	>999	240	Weight: 15 lb	FT = 10%

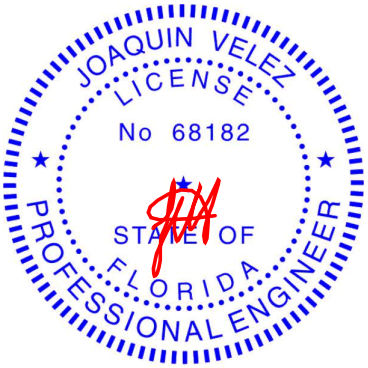
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (lb/size) 3=56/Mechanical, 2=382/0-3-8, 4=2/Mechanical
Max Horz 2=187(LC 12)
Max Uplift 3=-40(LC 9), 2=-344(LC 12)
Max Grav 3=61(LC 17), 2=382(LC 1), 4=50(LC 12)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 2-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (jt=lb) 2=344.



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MiTek USA, Inc. FL Cert 6634
6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5	Jack-Open	4	1	T16796612
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:21 2019 Page 1
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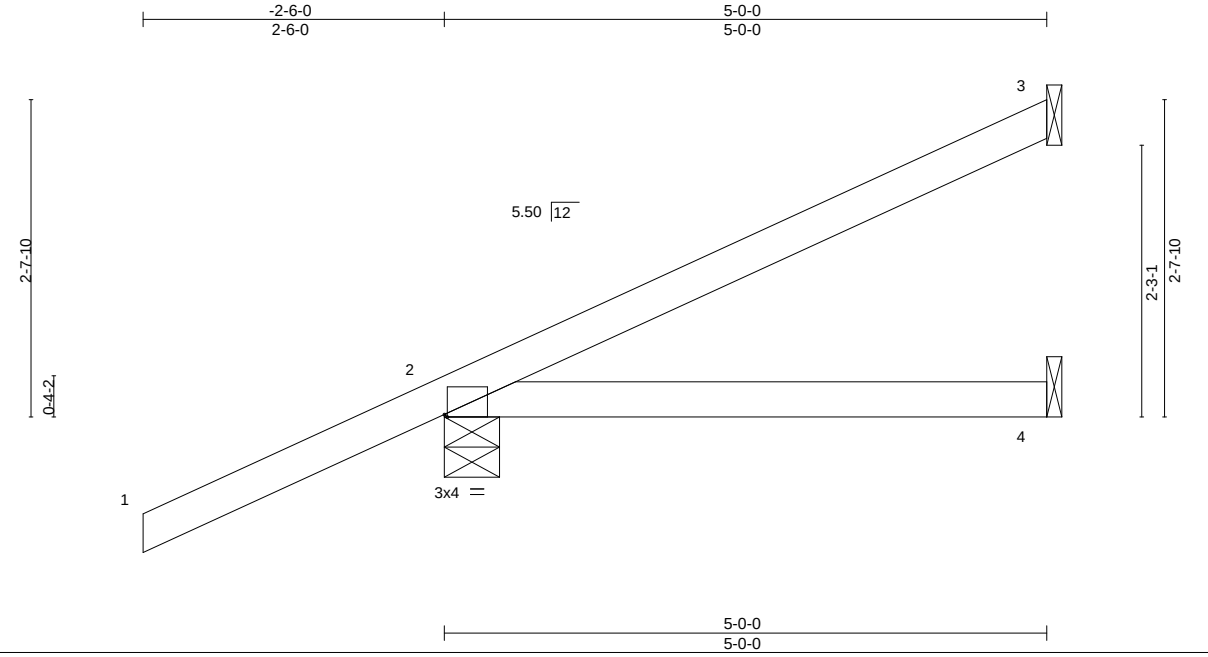


Plate Offsets (X,Y)-- [2:0-0-5,Edge]

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	0.82	Vert(LL)	-0.02	4-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.32	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 FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.04	4-7	>999	240	Weight: 20 lb	FT = 10%

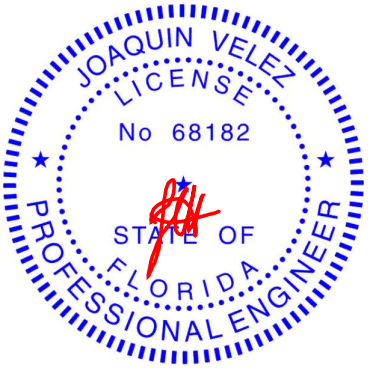
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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. (lb/size) 3=130/Mechanical, 2=441/0-5-8, 4=48/Mechanical
Max Horz 2=243(LC 12)
Max Uplift 3=-98(LC 12), 2=-339(LC 12)
Max Grav 3=132(LC 17), 2=441(LC 1), 4=86(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-7-1, Interior(1) 0-7-1 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (jt=lb) 2=339.



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April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5A	Jack-Open	1	1	T16796613
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:21 2019 Page 1
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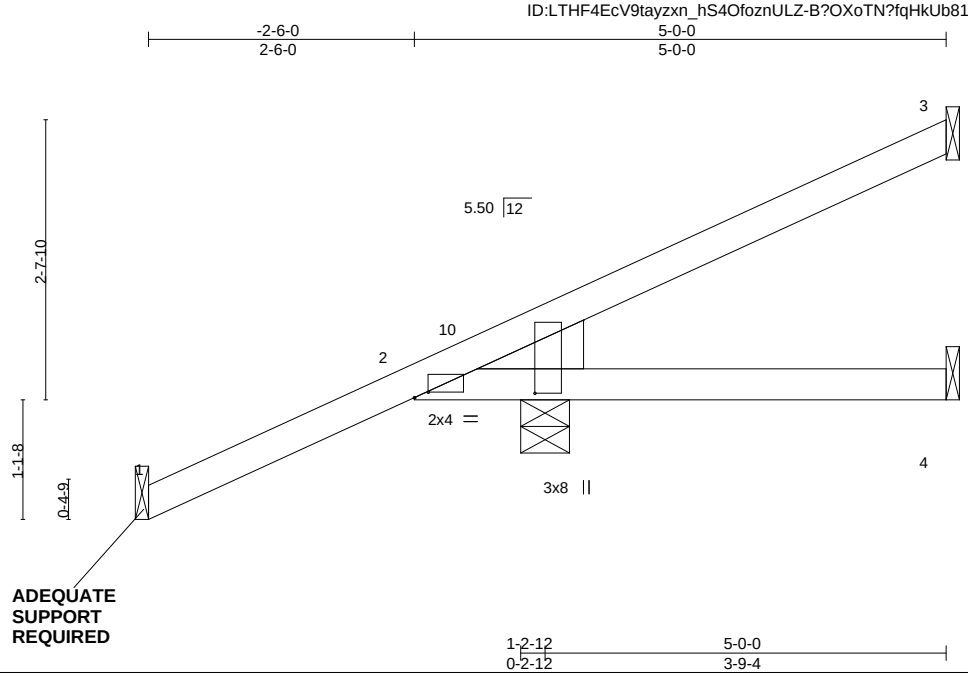


Plate Offsets (X,Y)-- [2:0-1-9,0-0-10], [2:0-0-8,1-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.26	Vert(LL)	-0.01	4-9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	-0.01	4-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.02	4-9	>999	240	Weight: 22 lb	FT = 10%

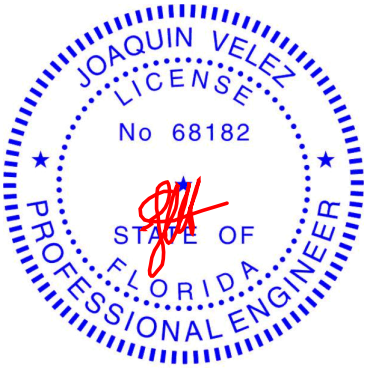
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x6 SP No.2

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. All bearings Mechanical except (jt=length) 2=0-5-8.
(lb) - Max Horz 2=205(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 1, 3 except 2=-148(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 3, 4 except 2=490(LC 1)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-5-4 to 0-6-12, Interior(1) 0-6-12 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3 except (jt=lb) 2=148.



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Date:
April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5AU	Jack-Open	3	1	T16796614
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:22 2019 Page 1
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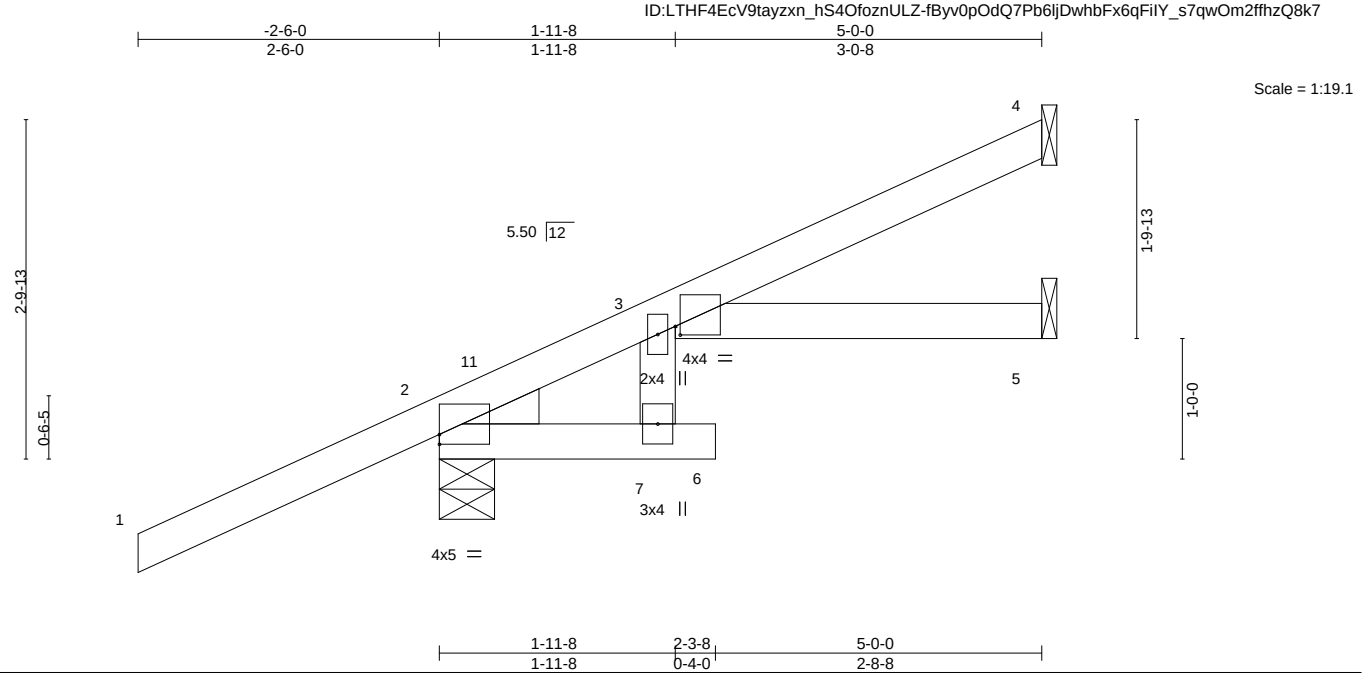


Plate Offsets (X,Y)-- [2:0-0-0,0-1-0], [3:0-0-8,0-0-14]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.03	6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.07	6	>808	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.06	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR		Wind(LL)	0.10	6	>593	240	Weight: 23 lb	FT = 10%

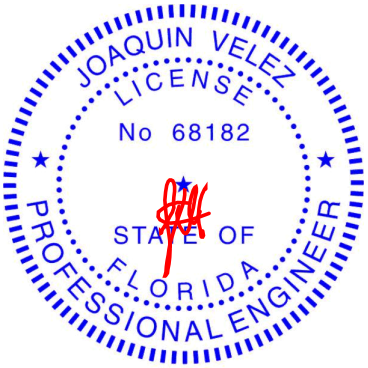
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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. (lb/size) 4=118/Mechanical, 2=447/0-5-8, 5=63/Mechanical
Max Horz 2=243(LC 12)
Max Uplift 4=-82(LC 12), 2=-327(LC 12)
Max Grav 4=121(LC 17), 2=447(LC 1), 5=89(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 2=327.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5B	Jack-Open	1	1	T16796615
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:23 2019 Page 1

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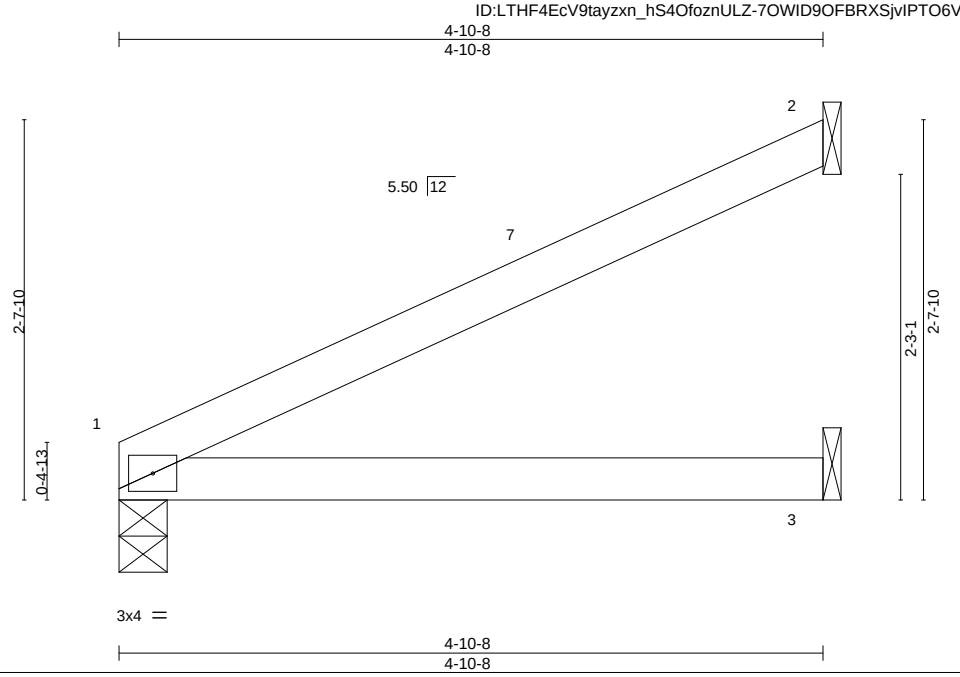


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	-0.03	3-6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	-0.06	3-6	>896	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.06	3-6	>899	240	Weight: 15 lb	FT = 10%

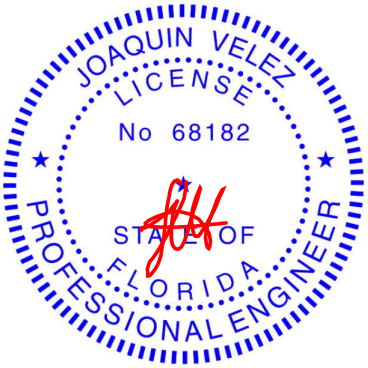
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (lb/size) 1=217/0-4-0, 2=148/Mechanical, 3=69/Mechanical
Max Horz 1=134(LC 12)
Max Uplift 1=-64(LC 12), 2=-128(LC 12), 3=-3(LC 12)
Max Grav 1=217(LC 1), 2=148(LC 1), 3=94(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 4-9-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3 except (jt=lb) 2=128.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5BU	Jack-Open	8	1	T16796616
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:23 2019 Page 1

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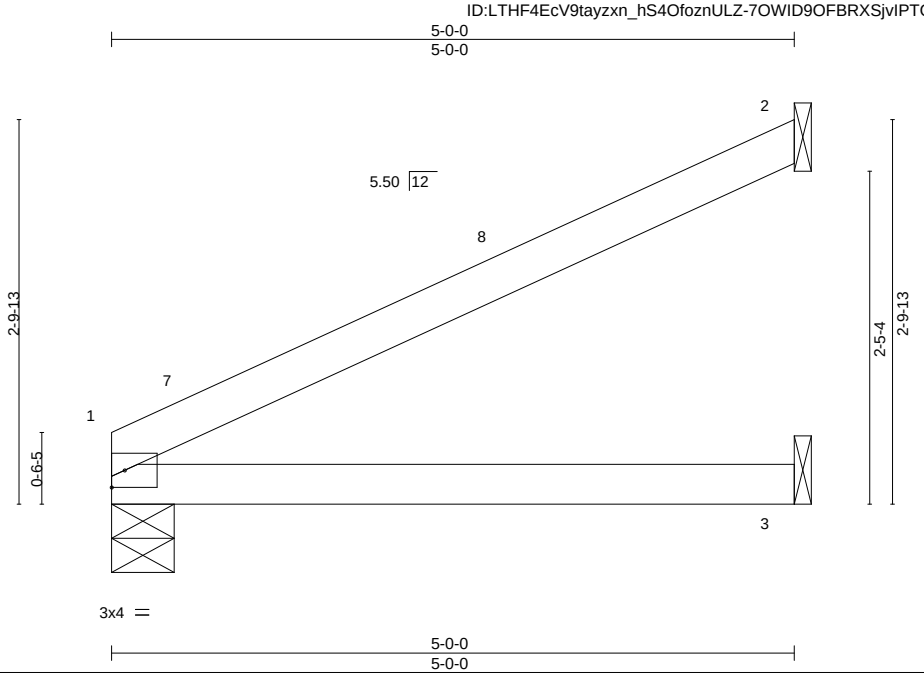


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.59	Vert(LL)	-0.02	3-6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	-0.07	3-6	>878	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.07	3-6	>890	240	Weight: 16 lb	FT = 10%

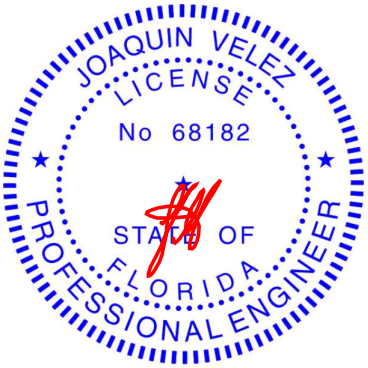
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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. (lb/size) 1=222/0-5-8, 2=155/Mechanical, 3=68/Mechanical
Max Horz 1=137(LC 12)
Max Uplift 1=-62(LC 12), 2=-137(LC 12)
Max Grav 1=222(LC 1), 2=155(LC 1), 3=97(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 2=137.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5CU	Jack-Open	1	1	T16796617
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:24 2019 Page 1
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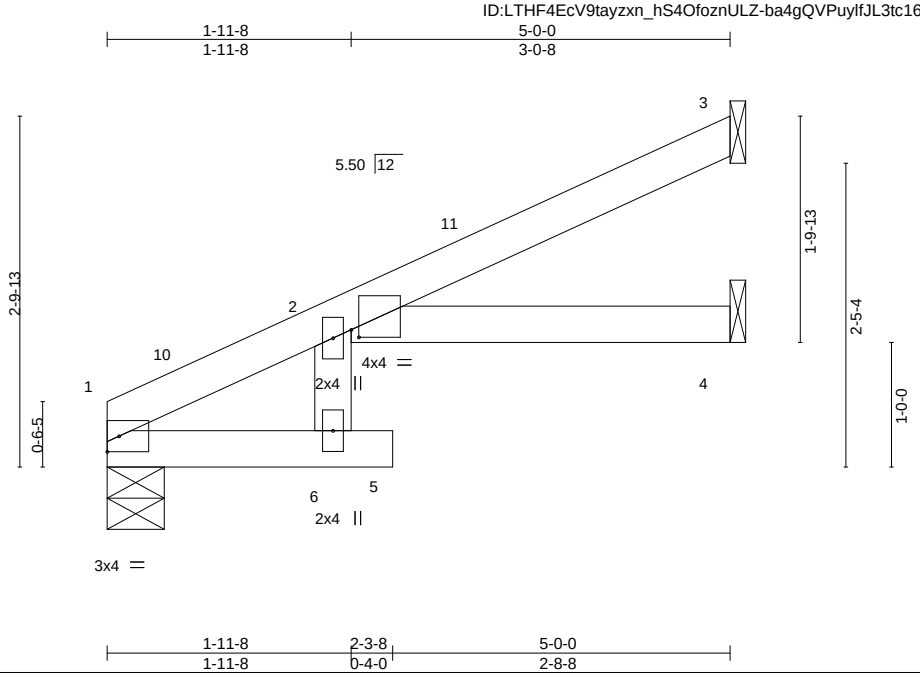


Plate Offsets (X,Y)-- [2:0-0-12,0-0-12]

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	0.54	Vert(LL)	-0.05	5	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.50	Vert(CT)	-0.12	5	>490	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.07	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR		Wind(LL)	0.14	5	>438	240	Weight: 18 lb	FT = 10%

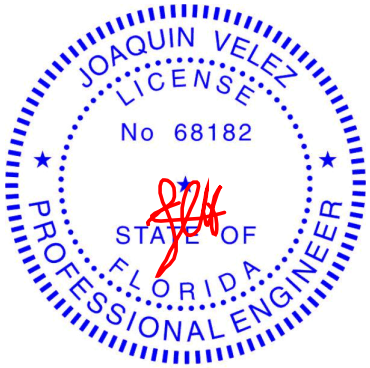
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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. (lb/size) 1=228/0-5-8, 3=140/Mechanical, 4=87/Mechanical
Max Horz 1=137(LC 12)
Max Uplift 1=-59(LC 12), 3=-111(LC 12), 4=-24(LC 12)
Max Grav 1=228(LC 1), 3=140(LC 1), 4=99(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 4 except (jt=lb) 3=111.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5DU	Roof Special	1	1	T16796618
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:24 2019 Page 1
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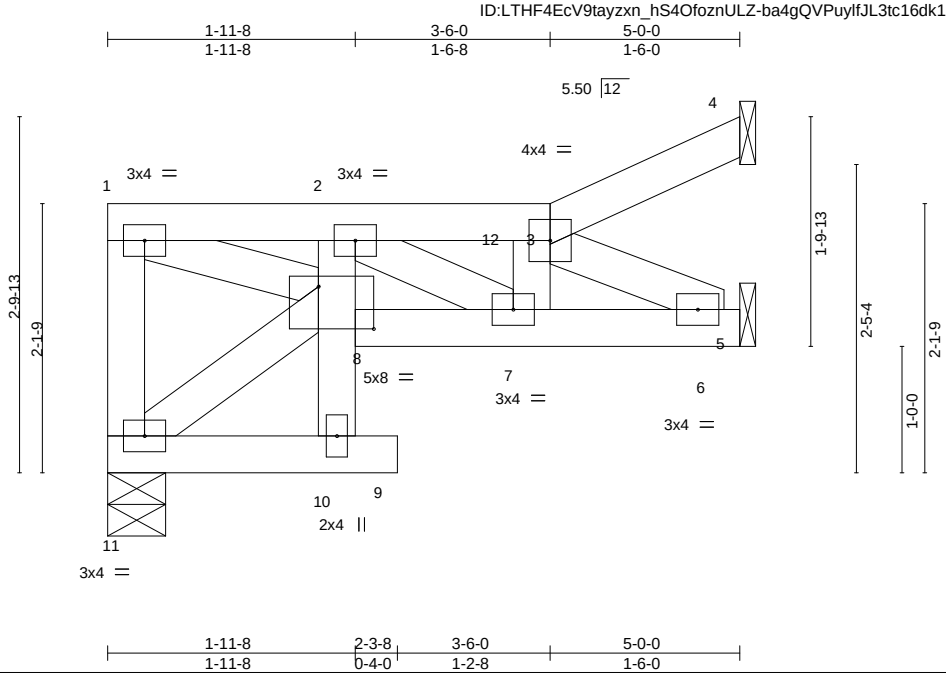


Plate Offsets (X,Y)-- [8:0-5-4,0-4-0]

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	0.10	Vert(LL)	-0.00	9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.10	Vert(CT)	-0.01	9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.01	9	>999	240	Weight: 30 lb	FT = 10%

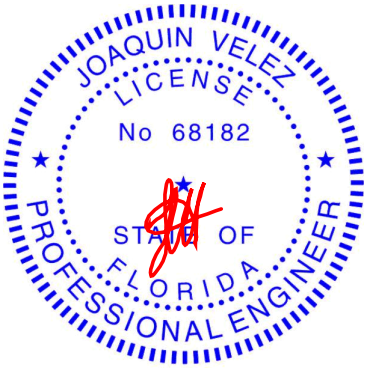
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
8-2-4 oc bracing: 7-8.
10-0-0 oc bracing: 8-10

REACTIONS. (lb/size) 11=219/0-5-8, 4=50/Mechanical, 6=173/Mechanical
Max Horz 11=127(LC 12)
Max Uplift 11=-128(LC 8), 4=-46(LC 12), 6=-89(LC 9)
Max Grav 11=219(LC 1), 4=50(LC 1), 6=176(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-457/391, 2-3=-273/178
BOT CHORD 7-8=-528/553, 6-7=-248/288
WEBS 1-8=-376/414, 2-7=-277/302, 3-6=-337/290

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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, 6 except (jt=lb) 11=128.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5E	Jack-Open	6	1	T16796619
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:25 2019 Page 1
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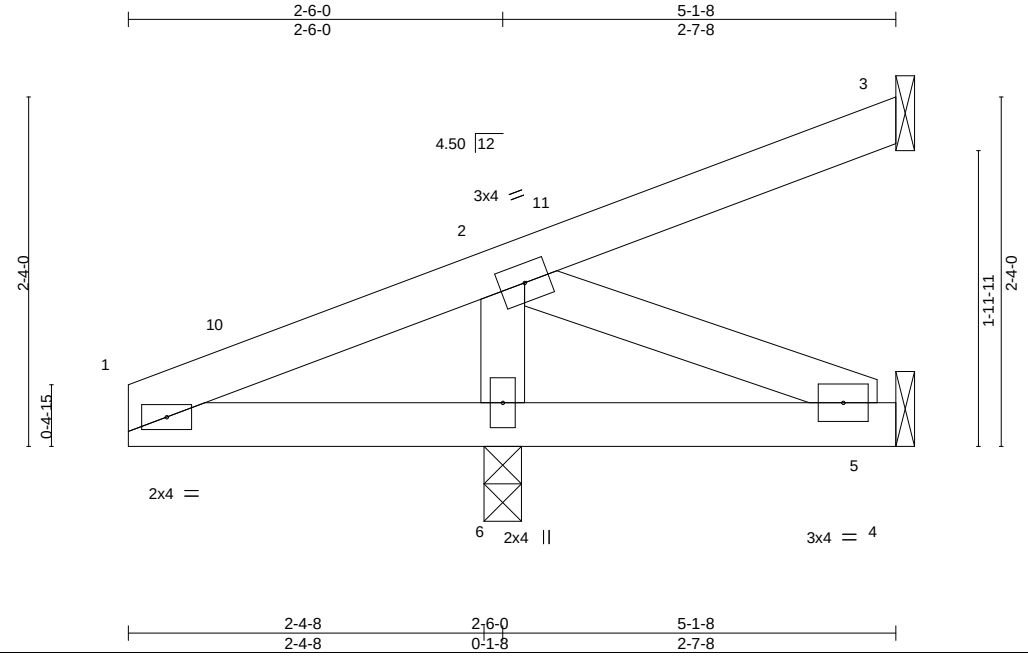


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	0.00	5-6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	0.00	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.13	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.01	5-6	>999	240	Weight: 21 lb	FT = 10%

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

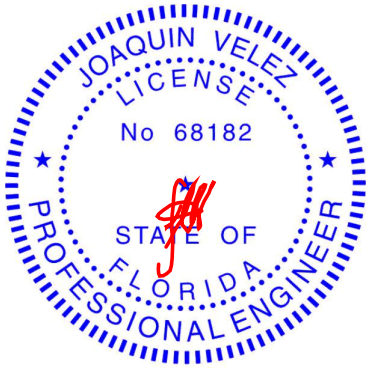
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-1-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 3=63/Mechanical, 6=619/0-3-0, 5=-141/Mechanical
Max Horz 6=115(LC 12)
Max Uplift 3=-55(LC 12), 6=-387(LC 12), 5=-141(LC 1)
Max Grav 3=63(LC 1), 6=619(LC 1), 5=96(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-698/427
BOT CHORD 1-6=-362/688, 5-6=-362/507
WEBS 2-6=-518/765, 2-5=-549/392

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 5-0-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (jt=lb) 6=387, 5=141.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 86 lb down and 89 lb up at 0-0-0 on top chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-70, 4-7=-20
Concentrated Loads (lb)
Vert: 1=-84(B)



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Date:
April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5EU	Roof Special	1	1	T16796620
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:25 2019 Page 1
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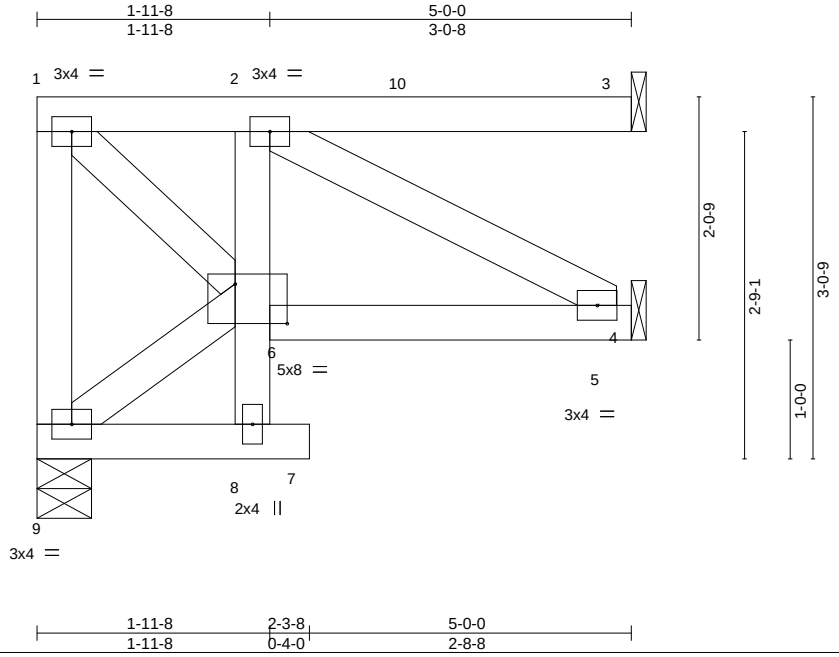


Plate Offsets (X,Y)-- [6:0-5-4,0-4-0]

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	0.19	Vert(LL)	-0.01	5-6	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.01	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	-0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.01	7	>999	240	Weight: 33 lb	FT = 10%

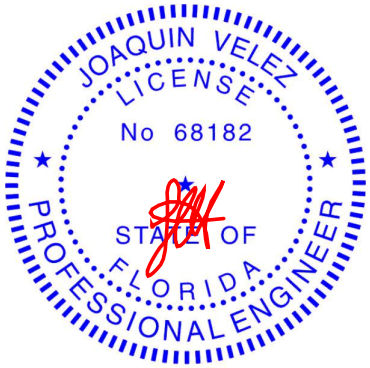
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (lb/size) 3=91/Mechanical, 9=220/0-5-8, 5=131/Mechanical
Max Horz 9=-146(LC 10)
Max Uplift 3=-93(LC 9), 9=-162(LC 8), 5=-76(LC 9)
Max Grav 3=91(LC 1), 9=220(LC 1), 5=153(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-286/320
BOT CHORD 5-6=-330/296
WEBS 1-6=-285/261, 2-5=-338/378

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Provide adequate drainage to prevent water ponding.
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, 5 except (jt=lb) 9=162.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J5U	Jack-Open	6	1	T16796621
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:26 2019 Page 1
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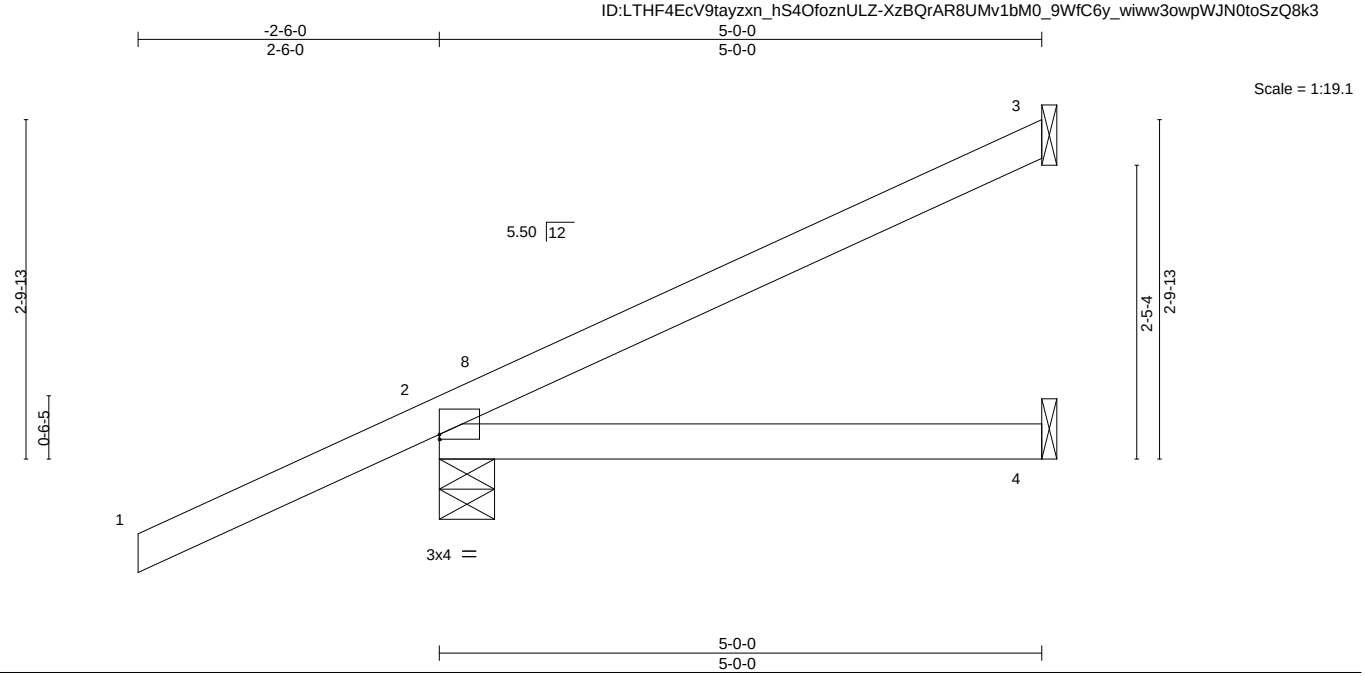


Plate Offsets (X,Y)-- [2:0-0-0,0-0-8]

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	0.82	Vert(LL)	-0.02	4-7	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	-0.05	4-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.04	4-7	>999	240	Weight: 20 lb	FT = 10%

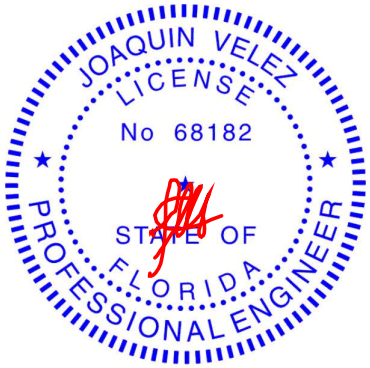
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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. (lb/size) 3=133/Mechanical, 2=441/0-5-8, 4=44/Mechanical
Max Horz 2=243(LC 12)
Max Uplift 3=-108(LC 12), 2=-330(LC 12)
Max Grav 3=136(LC 17), 2=441(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 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 4-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=108, 2=330.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J7	Jack-Open	43	1	T16796622
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:26 2019 Page 1

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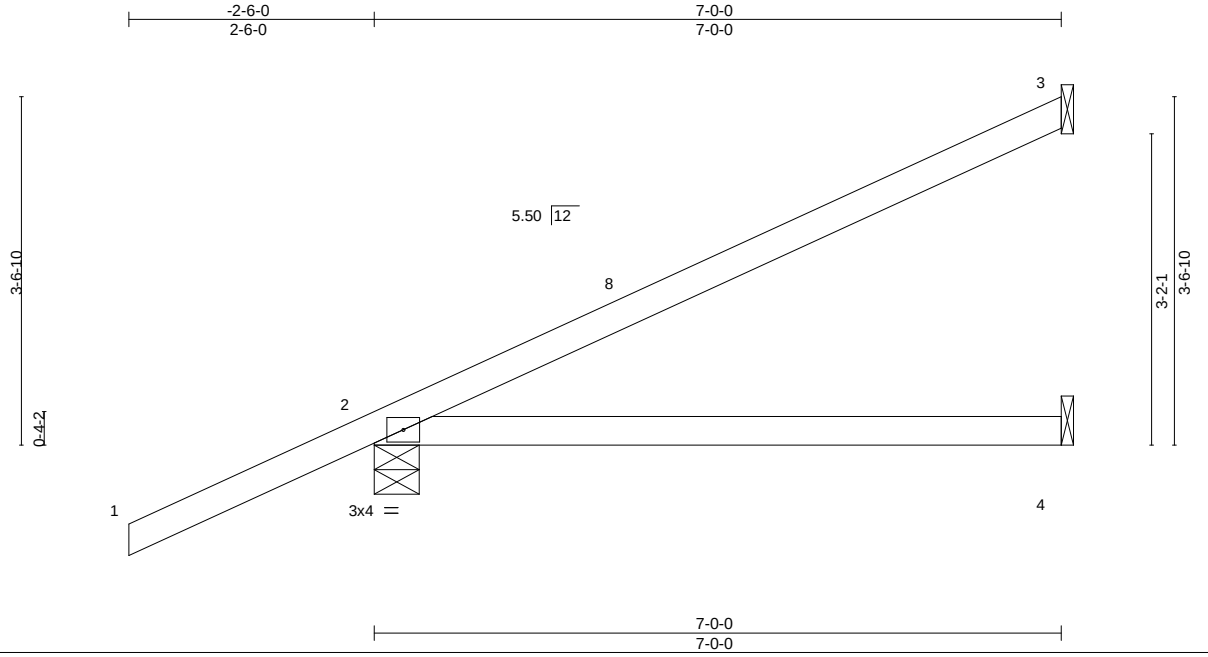

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.98	Vert(LL)	-0.09	4-7	>912	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.23	4-7	>366	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.16	4-7	>515	240	Weight: 26 lb	FT = 10%

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

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

REACTIONS. (lb/size) 3=199/Mechanical, 2=519/0-5-8, 4=82/Mechanical
Max Horz 2=298(LC 12)
Max Uplift 3=-162(LC 12), 2=-348(LC 12)
Max Grav 3=200(LC 17), 2=519(LC 1), 4=128(LC 3)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-7-1, Interior(1) 0-7-1 to 6-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=162, 2=348.

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J7A	Jack-Open	9	1	T16796623
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:27 2019 Page 1
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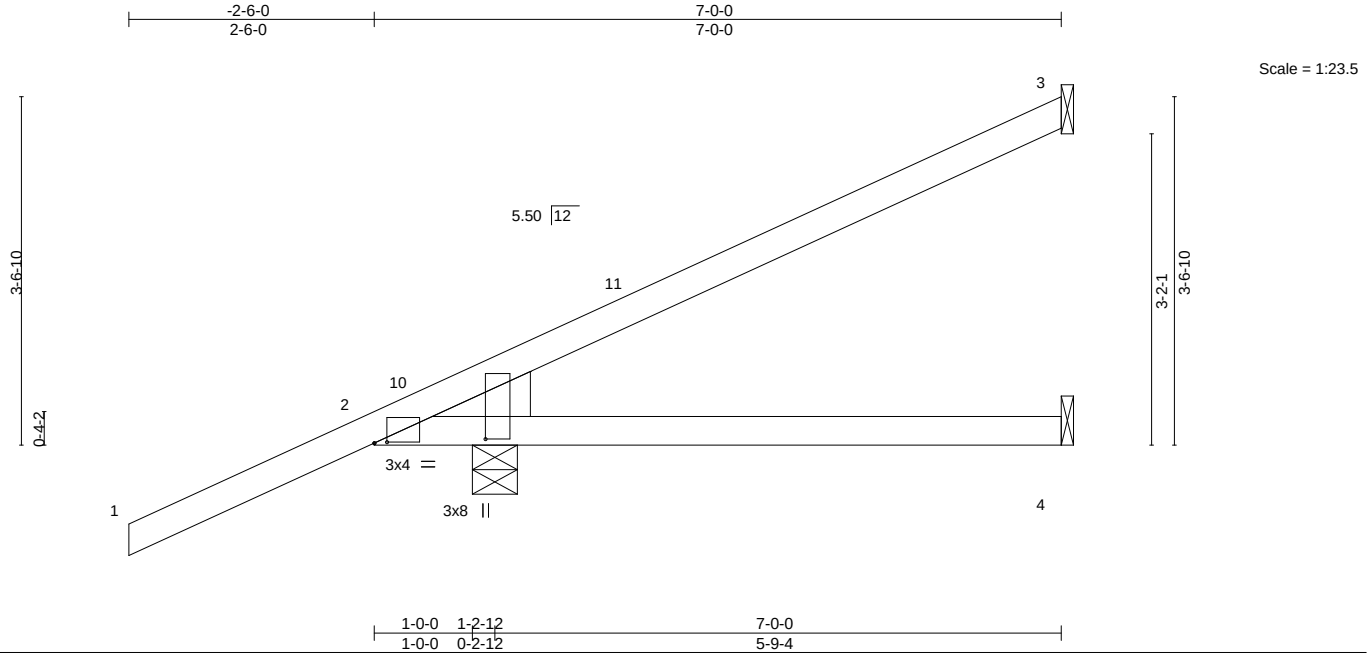


Plate Offsets (X,Y)-- [2:0-1-9,0-0-2], [2:0-0-8,1-1-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.05	4-9	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.47	Vert(CT)	-0.09	4-9	>950	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.04	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	-0.09	4-9	>941	240	Weight: 28 lb	FT = 10%

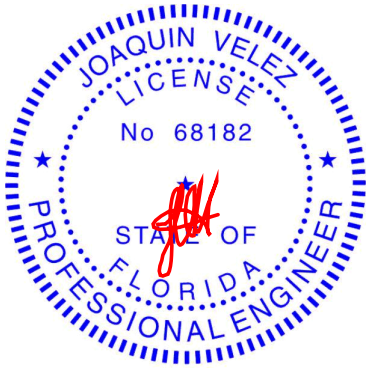
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=147/Mechanical, 4=46/Mechanical, 2=606/0-5-8
Max Horz 2=298(LC 12)
Max Uplift 3=-120(LC 12), 2=-407(LC 12)
Max Grav 3=152(LC 17), 4=98(LC 3), 2=606(LC 1)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 6-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=120, 2=407.



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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J7AU	Jack-Open	3	1	T16796624
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:27 2019 Page 1
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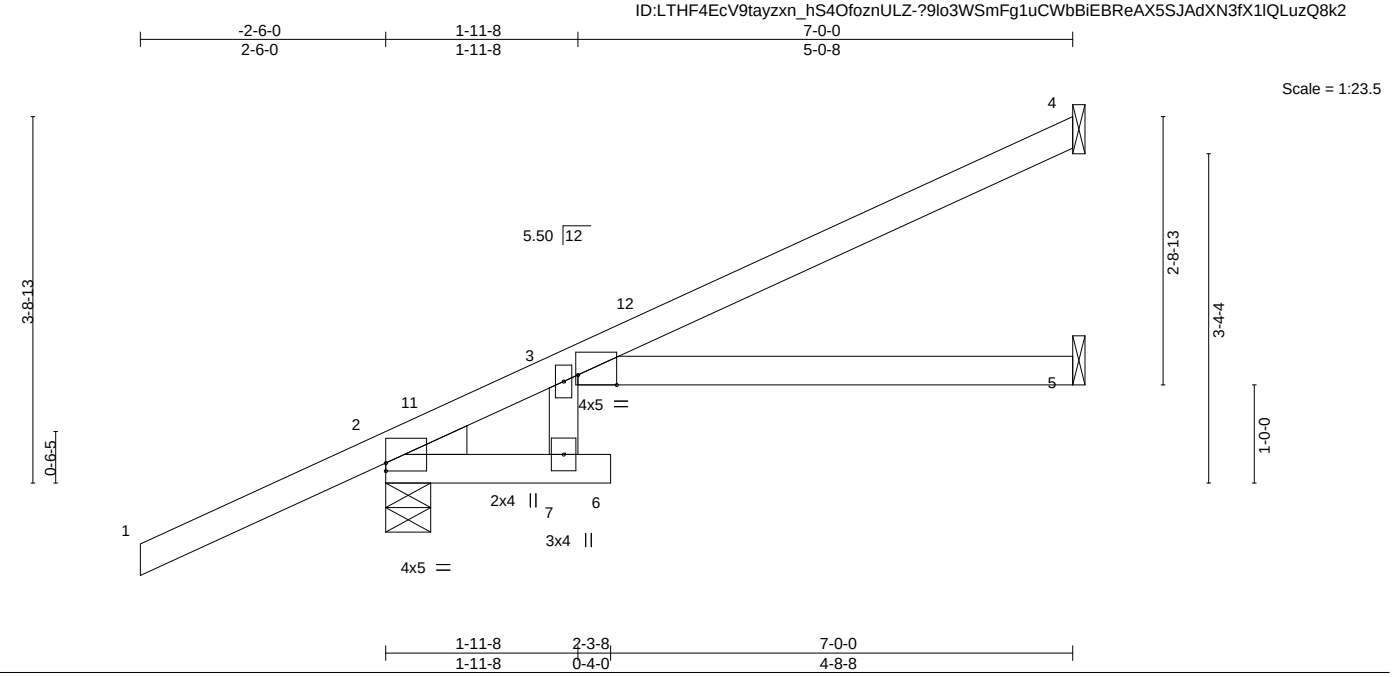


Plate Offsets (X,Y)-- [2:0-0-0,0-1-0], [3:0-4-12,Edge]

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	0.82	Vert(LL)	-0.10	3-5	>876	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.76	Vert(CT)	-0.25	3-5	>327	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.15	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MR		Wind(LL)	0.26	6	>324	240	Weight: 29 lb	FT = 10%

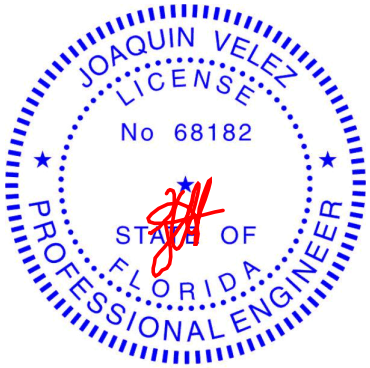
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (lb/size) 4=187/Mechanical, 2=525/0-5-8, 5=96/Mechanical
Max Horz 2=298(LC 12)
Max Uplift 4=-146(LC 12), 2=-337(LC 12)
Max Grav 4=188(LC 17), 2=525(LC 1), 5=129(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-9=-251/0

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 6-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=146, 2=337.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	J7U	Jack-Open	24	1	T16796625
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:28 2019 Page 1
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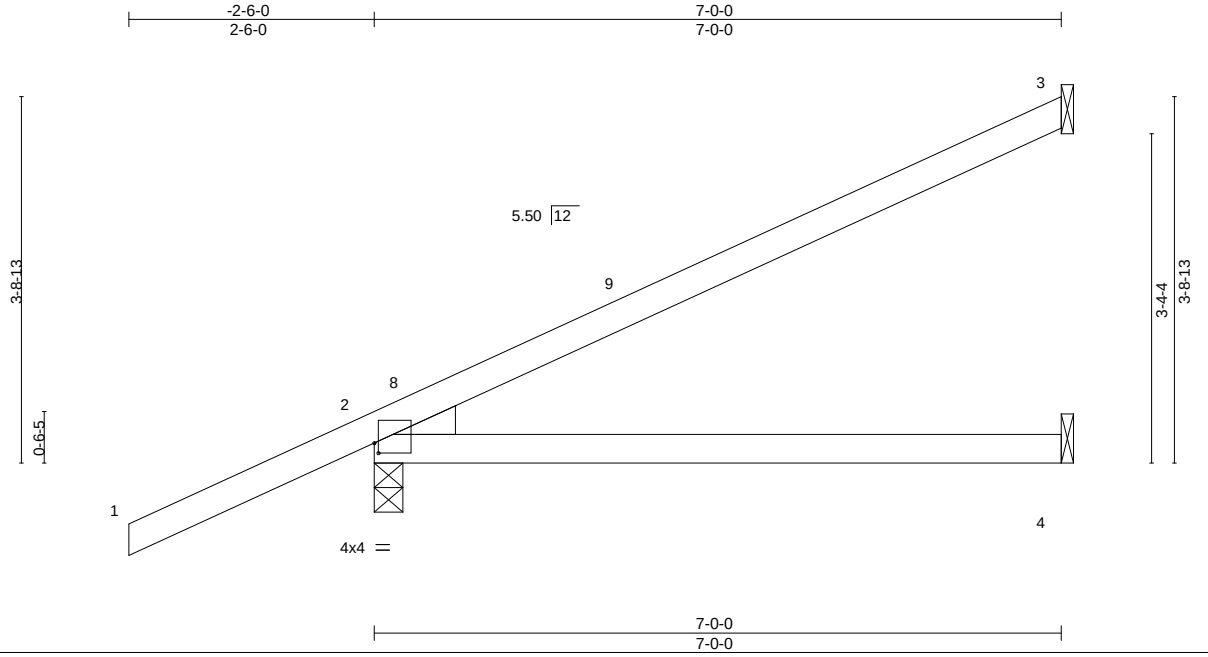


Plate Offsets (X,Y)-- [2:0-0-8,0-1-4]

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	0.42	Vert(LL)	-0.09	4-7	>917	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.21	4-7	>394	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.03	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP		Wind(LL)	0.13	4-7	>639	240	Weight: 27 lb	FT = 10%

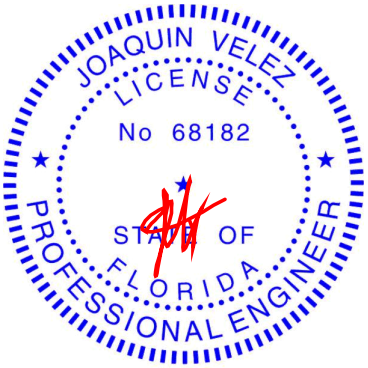
LUMBER-
TOP CHORD 2x4 SP M 31
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.3

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

REACTIONS. (lb/size) 3=207/Mechanical, 2=519/0-3-8, 4=74/Mechanical
Max Horz 2=298(LC 12)
Max Uplift 3=-173(LC 12), 2=-341(LC 12)
Max Grav 3=208(LC 17), 2=519(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 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) -2-6-0 to 0-6-0, Interior(1) 0-6-0 to 6-11-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=173, 2=341.



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Date:
April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K3	Diagonal Hip Girder	4	1	T16796626
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:28 2019 Page 1
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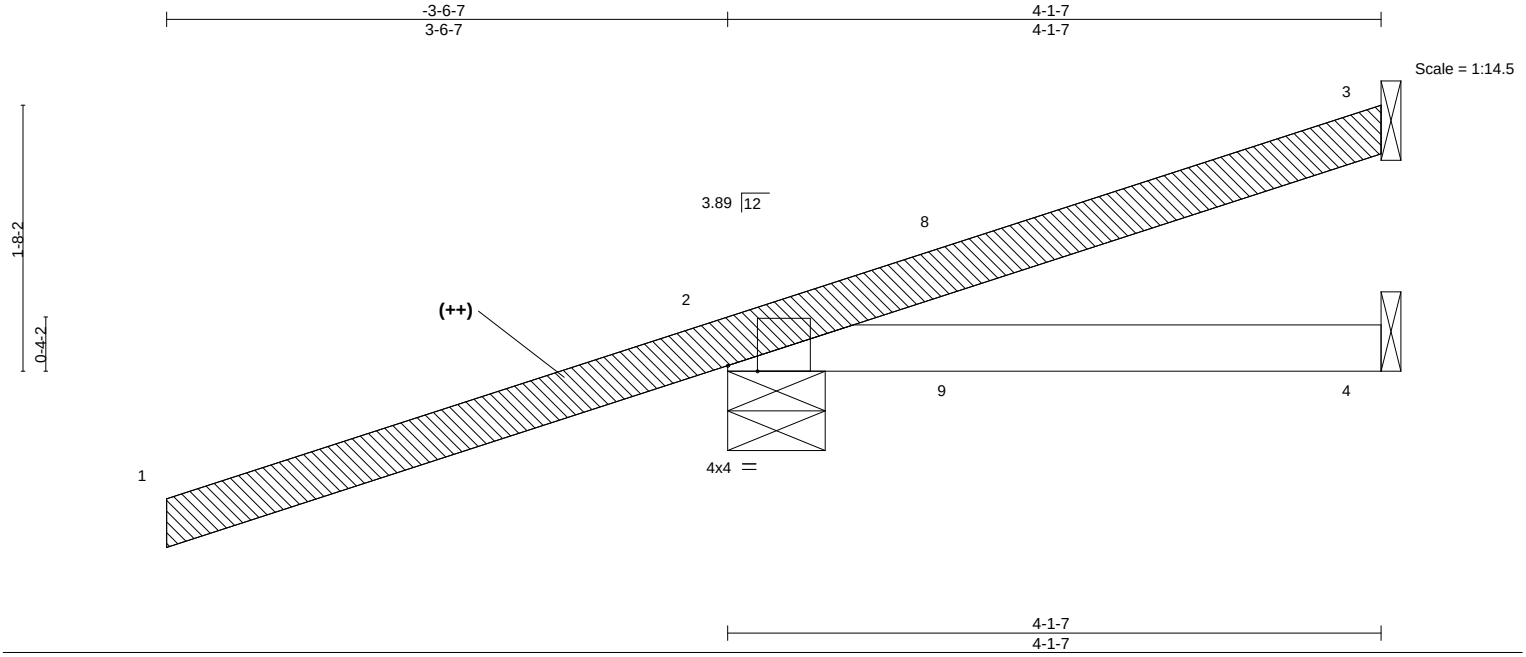


Plate Offsets (X,Y)-- [2:0-2-4,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.09	4-7	>560	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.27	Vert(CT)	0.05	4-7	>898	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 30 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP M 31
BOT CHORD 2x4 SP M 31
OTHERS 2x4 SP M 31
LBR SCAB 1-3 2x4 SP M 31 one side

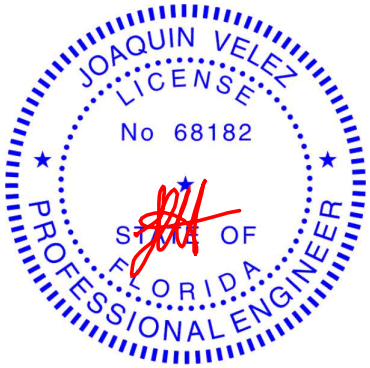
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=-0/Mechanical, 2=360/0-7-6, 4=-30/Mechanical
Max Horz 2=185(LC 24)
Max Uplift 3=-78(LC 17), 2=-512(LC 8), 4=-73(LC 17)
Max Grav 3=165(LC 25), 2=636(LC 28), 4=154(LC 24)

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

NOTES-
1) **(++)Attached 8-1-11 scab 1 to 3, front face(s) 2x4 SP M 31 with 1 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 2-8-10** from end at joint 1, nail 1 row(s) at 7" o.c. for 3-6-15.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) 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=512.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 199 lb down and 167 lb up at 1-6-1, and 199 lb down and 167 lb up at 1-6-1 on top chord, and 165 lb down and 137 lb up at 1-6-1, and 165 lb down and 137 lb up at 1-6-1 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: 1-3=-70, 4-5=-20
Concentrated Loads (lb)
Vert: 8=140(F=70, B=70) 9=142(F=71, B=71)



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K3U	Diagonal Hip Girder	2	1	T16796627
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:29 2019 Page 1
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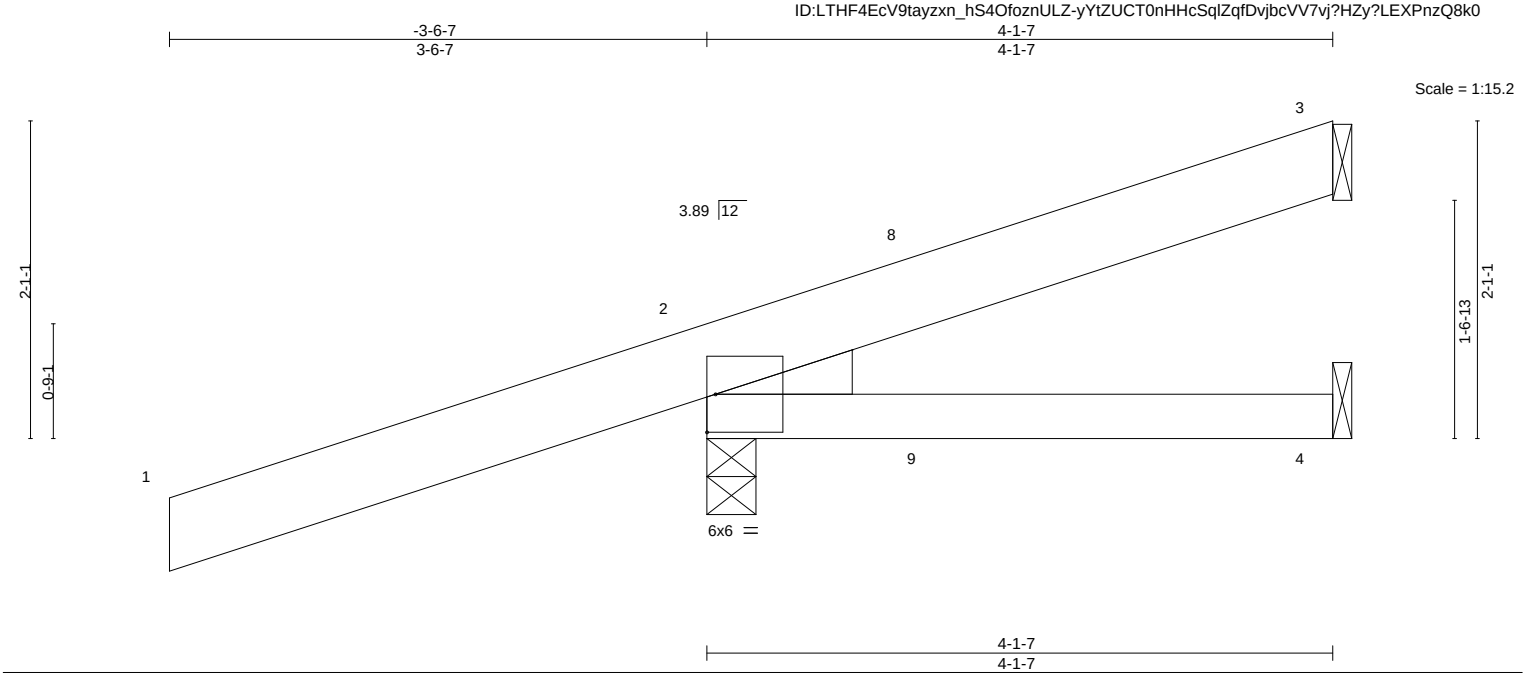


Plate Offsets (X,Y)-- [2:0-0-5,0-0-2], [2:0-7-14,0-0-4]

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	0.53	Vert(LL)	-0.07	4-7	>718	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.46	Vert(CT)	0.05	4-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.02	2	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 27 lb	FT = 10%

LUMBER-
TOP CHORD 2x6 SP No.2
BOT CHORD 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

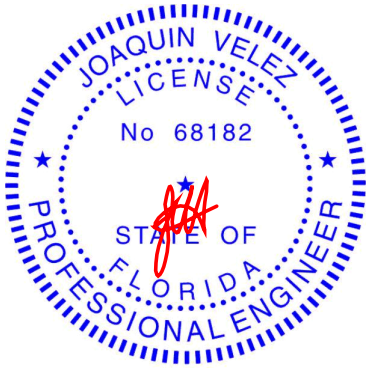
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=-16/Mechanical, 2=360/0-3-14, 4=-14/Mechanical
Max Horz 2=185(LC 24)
Max Uplift 3=-105(LC 17), 2=-497(LC 8), 4=-46(LC 17)
Max Grav 3=171(LC 25), 2=599(LC 28), 4=102(LC 24)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 3=105, 2=497.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 149 lb down and 146 lb up at 1-6-0, and 149 lb down and 146 lb up at 1-6-1 on top chord, and 174 lb down and 159 lb up at 1-6-0, and 174 lb down and 159 lb up at 1-6-1 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-70, 4-5=-20
Concentrated Loads (lb)
Vert: 8=123(F=62, B=62) 9=159(F=79, B=79)



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K5AU	DIAGONAL HIP GIRDER	1	1	T16796628
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:30 2019 Page 1

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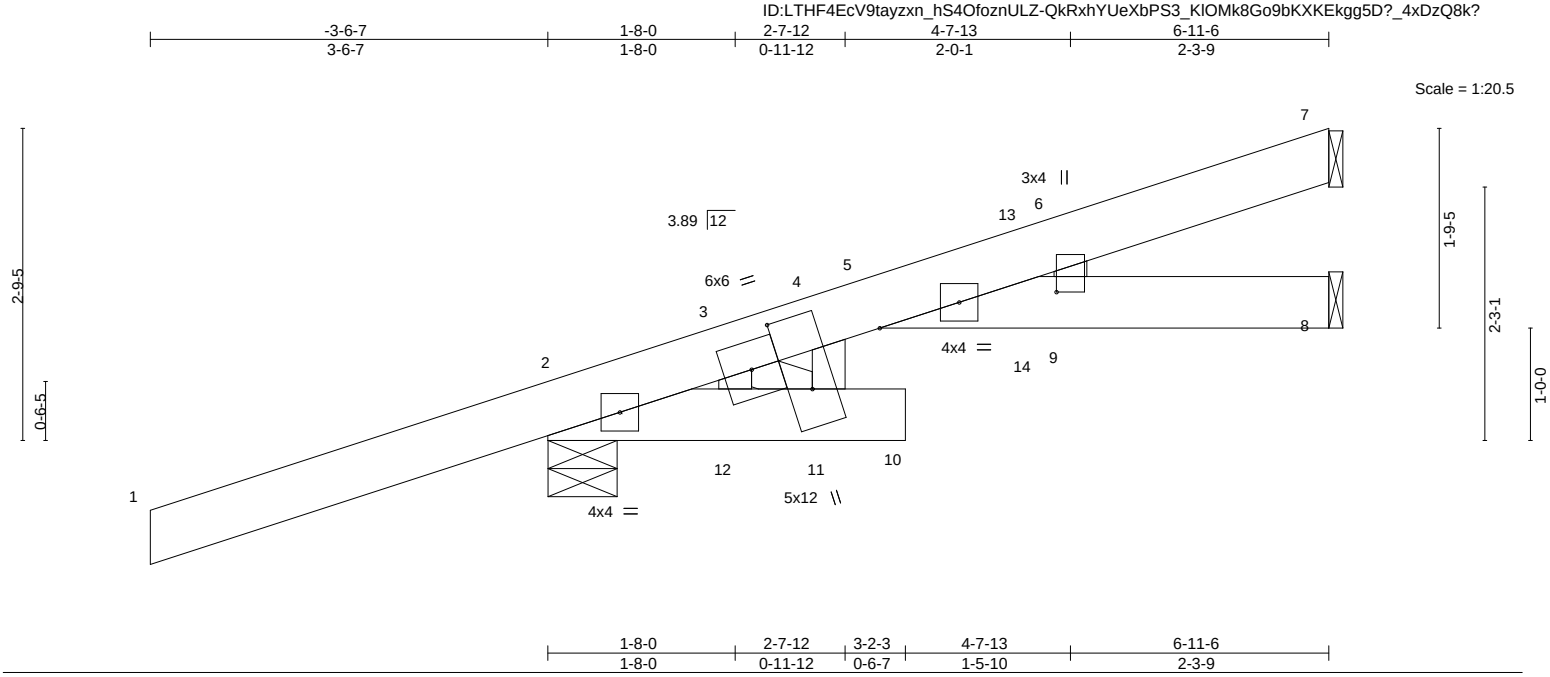


Plate Offsets (X,Y)-- [4:0-0-0,0-1-13], [6:0-3-14,1-6-14], [11:0-8-0,0-2-8], [12:0-1-11,0-0-9]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.85	Vert(LL)	-0.18	10	>446	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	-0.18	10	>427	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.26	Horz(CT)	0.06	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 45 lb	FT = 10%

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

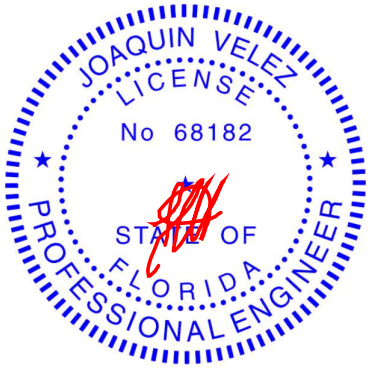
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 7=97/Mechanical, 2=422/0-7-6, 8=64/Mechanical
Max Horz 2=239(LC 24)
Max Uplift 7=-61(LC 8), 2=-533(LC 8), 8=-19(LC 5)
Max Grav 7=150(LC 28), 2=791(LC 28), 8=220(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1598/863, 3-4=-500/165
BOT CHORD 2-12=-853/1449, 11-12=-853/1449
WEBS 4-11=-827/1498, 3-12=-258/9, 3-11=-1782/1049

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 8 except (jt=lb) 2=533.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 208 lb down and 177 lb up at 1-6-1, 208 lb down and 177 lb up at 1-6-1, and 121 lb down and 34 lb up at 4-4-0, and 121 lb down and 34 lb up at 4-4-0 on top chord, and 136 lb down and 127 lb up at 1-6-1, 136 lb down and 127 lb up at 1-6-1, and 38 lb down and 0 lb up at 4-4-0, and 38 lb down and 0 lb up at 4-4-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-7=-70, 2-10=-20, 5-8=-20
Concentrated Loads (lb)
Vert: 3=150(F=75, B=75) 12=132(F=66, B=66) 14=1(F=0, B=0)



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K5E	Diagonal Hip Girder	2	1	T16796629
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:31 2019 Page 1
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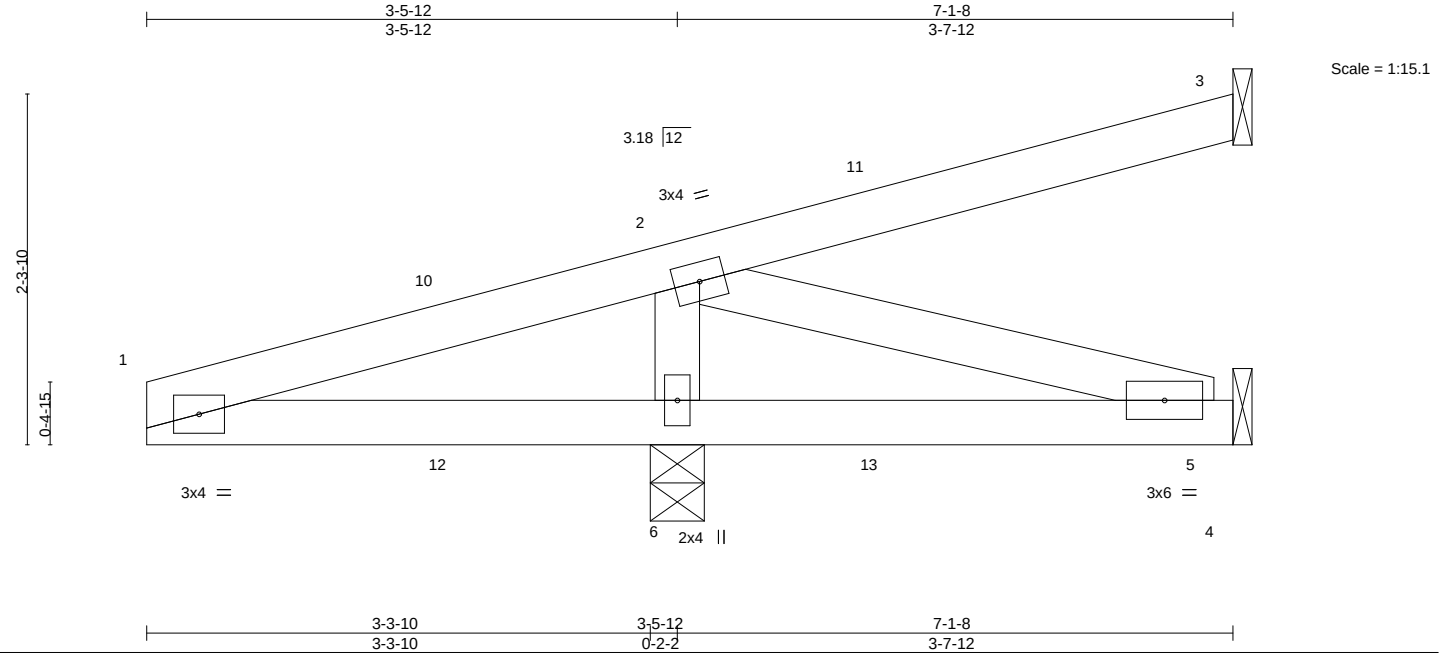


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.46	Vert(LL)	-0.02	5-6	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.31	Vert(CT)	0.02	5-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.22	Horz(CT)	-0.01	3	n/a	n/a		
BCDL	10.0	Code	FBC2017/TPI2014	Matrix-MP							Weight: 28 lb	FT = 10%

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

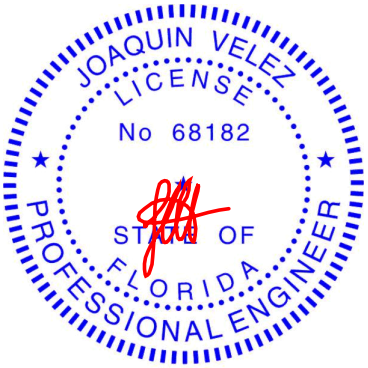
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-8 oc bracing.

REACTIONS. (lb/size) 3=57/Mechanical, 6=945/0-4-4, 5=-243/Mechanical
Max Horz 6=120(LC 20)
Max Uplift 3=-43(LC 4), 6=-665(LC 4), 5=-265(LC 16)
Max Grav 3=60(LC 28), 6=945(LC 1), 5=194(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-639/996
BOT CHORD 1-6=-929/637, 5-6=-929/517
WEBS 2-6=-749/470, 2-5=-539/969

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3 except (jt=lb) 6=665, 5=265.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 84 lb down and 41 lb up at 0-0-0, 84 lb down and 41 lb up at 0-0-0, 27 lb down and 26 lb up at 2-0-6, 27 lb down and 26 lb up at 2-0-6, and 83 lb down and 109 lb up at 4-10-6, and 83 lb down and 109 lb up at 4-10-6 on top chord, and 7 lb down and 12 lb up at 2-0-6, 7 lb down and 12 lb up at 2-0-6, and 19 lb down and 65 lb up at 4-10-6, and 19 lb down and 65 lb up at 4-10-6 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-3=-70, 4-7=-20
Concentrated Loads (lb)
Vert: 1=-168(F=-84, B=-84) 11=98(F=49, B=49) 12=-14(F=-7, B=-7) 13=-38(F=-19, B=-19)



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K5U	Diagonal Hip Girder	2	1	T16796630
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:31 2019 Page 1
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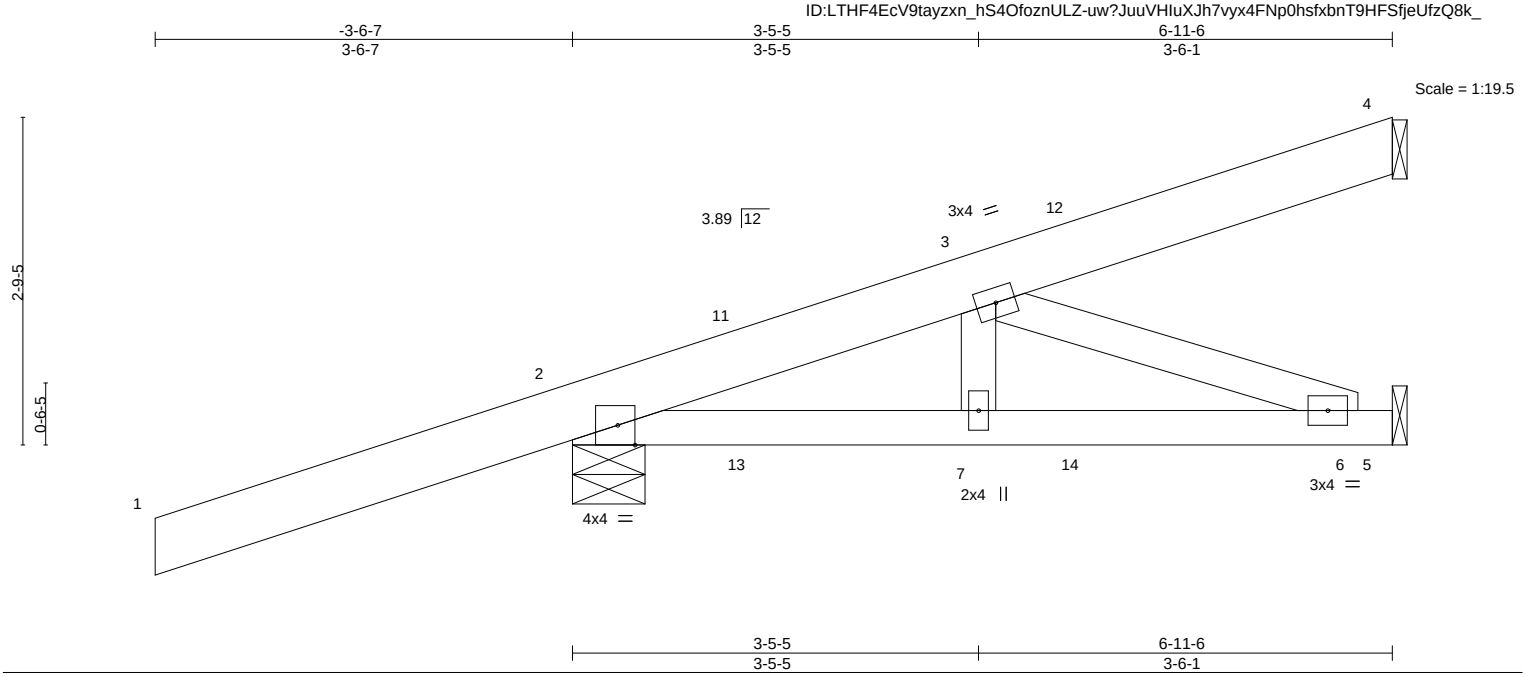


Plate Offsets (X,Y)-- [2:0-1-12,Edge]

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	0.49	Vert(LL)	-0.05	7-10	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.49	Vert(CT)	0.03	7-10	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.18	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MP							Weight: 43 lb	FT = 10%

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

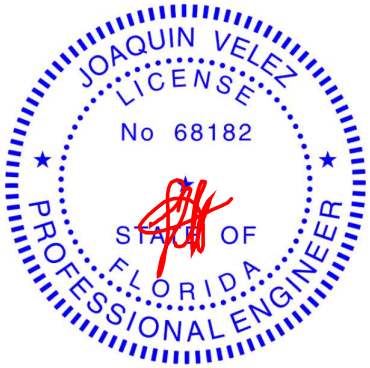
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=135/Mechanical, 2=393/0-7-6, 5=37/Mechanical
Max Horz 2=241(LC 24)
Max Uplift 4=-108(LC 8), 2=-501(LC 8), 5=-36(LC 17)
Max Grav 4=149(LC 17), 2=759(LC 28), 5=294(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-935/250
BOT CHORD 2-7=-229/772, 6-7=-229/772
WEBS 3-7=-67/307, 3-6=-829/246

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 4=108, 2=501.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 205 lb down and 177 lb up at 1-6-1, 205 lb down and 177 lb up at 1-6-1, and 47 lb down and 51 lb up at 4-4-0, and 47 lb down and 51 lb up at 4-4-0 on top chord , and 136 lb down and 127 lb up at 1-6-1, 136 lb down and 127 lb up at 1-6-1, and 45 lb down and 10 lb up at 4-4-0, and 45 lb down and 10 lb up at 4-4-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-70, 5-8=-20
Concentrated Loads (lb)
Vert: 11=150(F=75, B=75) 13=132(F=66, B=66) 14=20(F=10, B=10)



Joaquin Velez PE No.68182
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Date:
April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K7	Diagonal Hip Girder	2	1	T16796631
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:32 2019 Page 1
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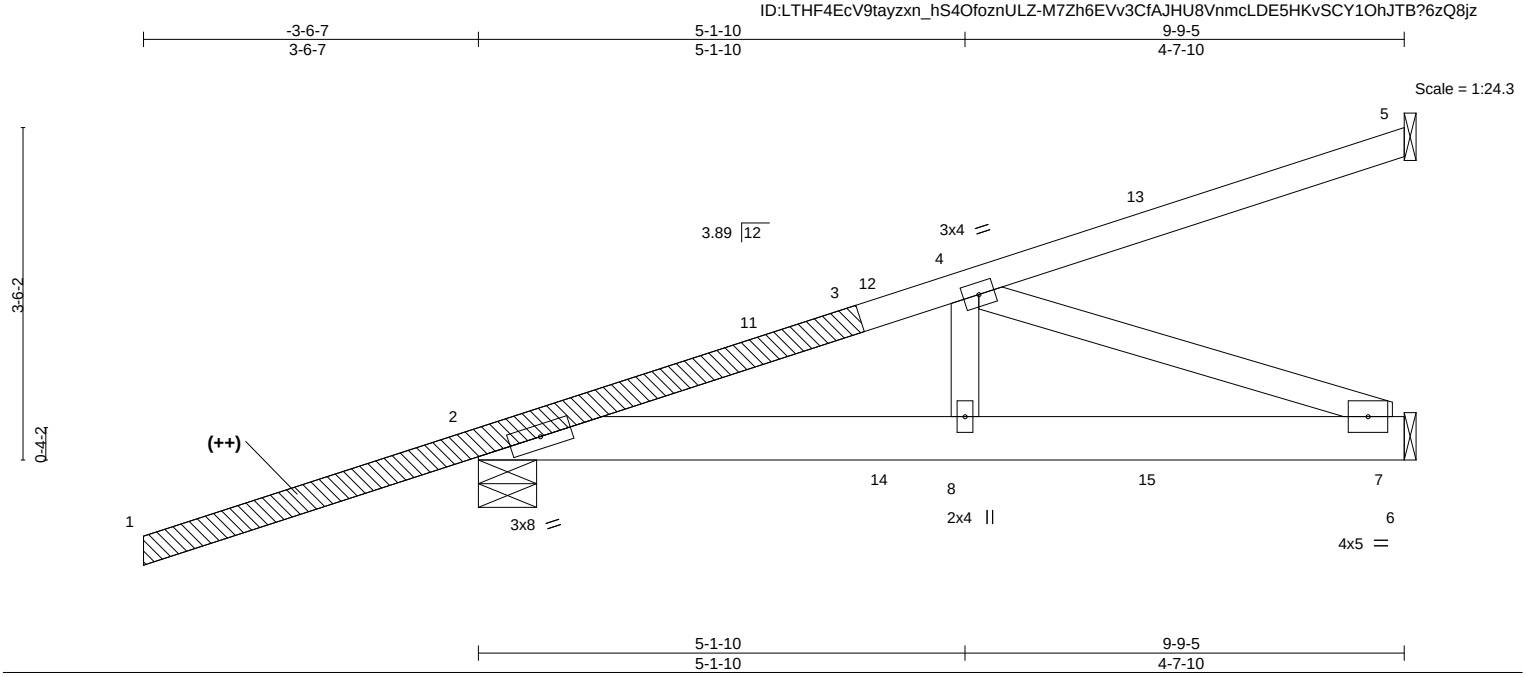


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.08	8-10	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.59	Vert(CT)	-0.08	8-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.40	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 64 lb	FT = 10%

LUMBER-
TOP CHORD 2x4 SP DSS
BOT CHORD 2x6 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP DSS
LBR SCAB 1-3 2x4 SP DSS one side

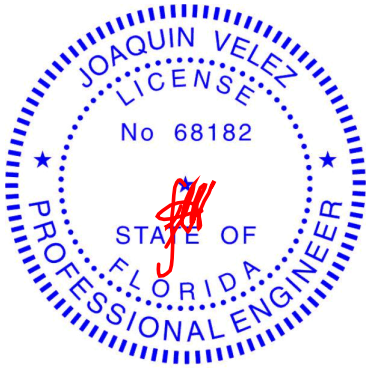
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 5=165/Mechanical, 2=512/0-7-6, 7=288/Mechanical
Max Horz 2=296(LC 24)
Max Uplift 5=-141(LC 8), 2=-553(LC 8), 7=-109(LC 5)
Max Grav 5=165(LC 1), 2=961(LC 28), 7=401(LC 28)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-986/252
BOT CHORD 2-8=-335/933, 7-8=-335/933
WEBS 4-8=-57/439, 4-7=-991/356

NOTES-
1) **(++)Attached 8-0-0 scab 1 to 3, front face(s) 2x4 SP DSS with 1 row(s) of 10d (0.131"x3") nails spaced 9" o.c.except : starting at 2-8-10** from end at joint 1, nail 1 row(s) at 7" o.c. for 5-2-13.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 5=141, 2=553, 7=109.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 199 lb down and 167 lb up at 1-6-1, 199 lb down and 167 lb up at 1-6-1, 45 lb down and 44 lb up at 4-4-0, 45 lb down and 44 lb up at 4-4-0, and 99 lb down and 151 lb up at 7-1-15, and 91 lb down and 120 lb up at 7-1-15 on top chord, and 165 lb down and 137 lb up at 1-6-1, 165 lb down and 137 lb up at 1-6-1, 48 lb down and 8 lb up at 4-4-0, 48 lb down and 8 lb up at 4-4-0, and 41 lb down and 31 lb up at 7-1-15, and 47 lb down at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-5=-70, 2-6=-20



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Continued on page 2

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 9=140(F=70, B=70) 10=142(F=71, B=71) 13=-80(F=-49, B=-31) 14=16(F=8, B=8) 15=-60(F=-40, B=-20)

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K7A	Diagonal Hip Girder	1	1	T16796632
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:33 2019 Page 1
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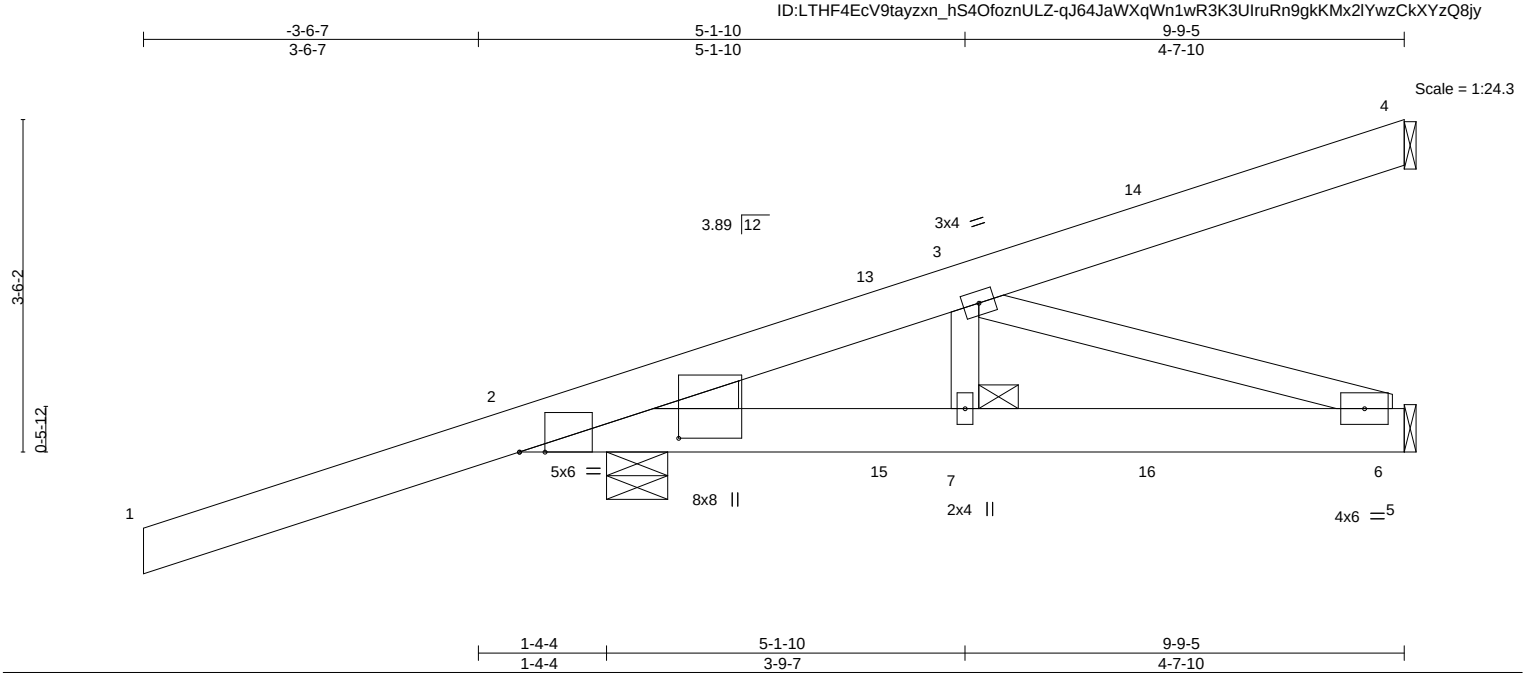


Plate Offsets (X,Y)-- [2:0-3-4,0-0-0], [2:0-1-12,1-8-3]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.02	8	>999	360	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.03	8	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.24	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS		Wind(LL)	0.03	8	>999	240	Weight: 65 lb	FT = 10%

LUMBER-
TOP CHORD 2x6 SP DSS
BOT CHORD 2x6 SP DSS
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

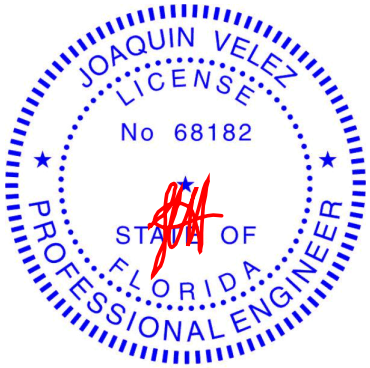
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 7

REACTIONS. (lb/size) 4=175/Mechanical, 2=1076/0-7-12, 6=-9/Mechanical
Max Horz 2=301(LC 8)
Max Uplift 4=-147(LC 8), 2=-802(LC 8), 6=-103(LC 6)
Max Grav 4=175(LC 1), 2=1097(LC 28), 6=224(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-685/455
BOT CHORD 2-7=-487/579, 6-7=-487/579
WEBS 3-7=-224/316, 3-6=-612/514

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=147, 2=802, 6=103.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 186 lb down and 83 lb up at -3-6-7, 49 lb down and 19 lb up at 1-6-1, 204 lb down and 167 lb up at 1-6-1, 79 lb up at 4-4-0, 45 lb down and 44 lb up at 4-4-0, and 62 lb down and 106 lb up at 7-1-15, and 91 lb down and 120 lb up at 7-1-15 on top chord, and 65 lb down and 63 lb up at 1-6-1, 60 lb up at 4-4-0, 48 lb down and 8 lb up at 4-4-0, and 11 lb down at 7-1-15, and 47 lb down at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-70, 5-8=-20
Concentrated Loads (lb)
Vert: 1=-186(F) 9=69(F=-1, B=70) 10=-65(F) 13=56(F) 14=-31(B) 15=50(F=42, B=8) 16=-21(F=-1, B=-20)



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K7AU	DIAGONAL HIP GIRDER	1	1	T16796633
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:34 2019 Page 1
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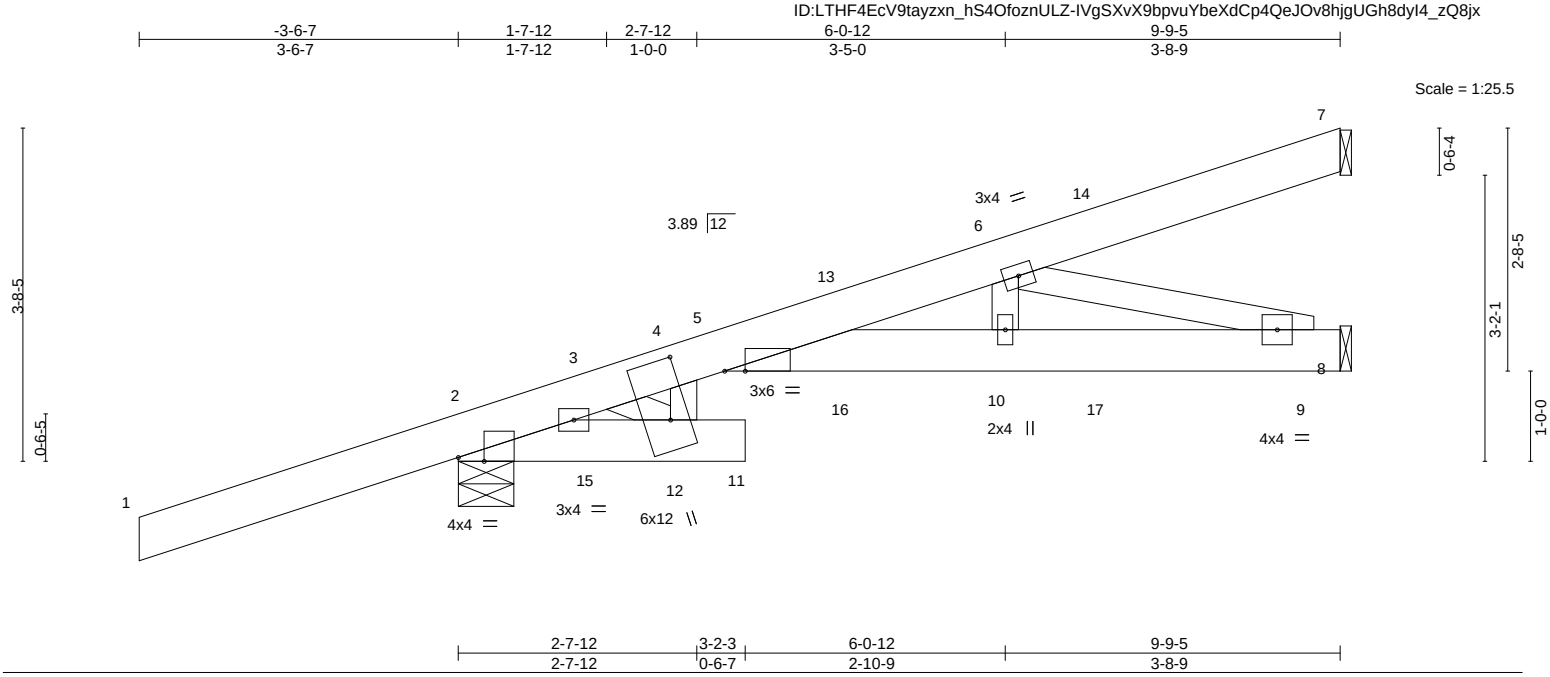


Plate Offsets (X,Y)-- [2:0-3-7,Edge], [3:0-0-0,0-2-12], [4:0-0-0,0-1-13], [5:0-2-12,0-0-0], [12:0-8-0,0-2-8]

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	0.43	Vert(LL)	-0.19	11	>604	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.22	Vert(CT)	-0.23	11	>497	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.29	Horz(CT)	0.08	8	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 64 lb	FT = 10%

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

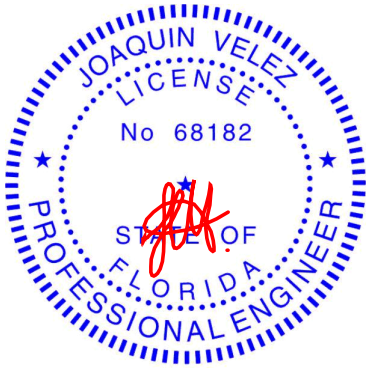
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 2-12.

REACTIONS. (lb/size) 7=127/Mechanical, 2=535/0-7-6, 8=285/Mechanical
Max Horz 2=295(LC 8)
Max Uplift 7=-98(LC 8), 2=-550(LC 8), 8=-78(LC 5)
Max Grav 7=130(LC 17), 2=959(LC 28), 8=401(LC 28)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2025/637, 3-4=-559/76, 5-6=-1245/259
BOT CHORD 2-12=-665/1757, 5-10=-333/1215, 9-10=-333/1215
WEBS 4-12=-568/1350, 6-10=0/339, 6-9=-1268/347, 3-12=-2059/780

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 8 except (jt=lb) 2=550.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 208 lb down and 177 lb up at 1-6-1, 208 lb down and 177 lb up at 1-6-1, 121 lb down and 34 lb up at 4-4-0, 121 lb down and 34 lb up at 4-4-0, and 87 lb down and 106 lb up at 7-1-15, and 87 lb down and 106 lb up at 7-1-15 on top chord, and 136 lb down and 127 lb up at 1-6-1, 136 lb down and 127 lb up at 1-6-1, 38 lb down and 0 lb up at 4-4-0, 38 lb down and 0 lb up at 4-4-0, and 45 lb down at 7-1-15, and 45 lb down at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-7=-70, 2-11=-20, 5-8=-20
Concentrated Loads (lb)
Vert: 3=150(F=75, B=75) 14=-39(F=-19, B=-19) 15=132(F=66, B=66) 16=1(F=0, B=0) 17=-70(F=-35, B=-35)



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	K7U	Diagonal Hip Girder	3	1	T16796634
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:35 2019 Page 1
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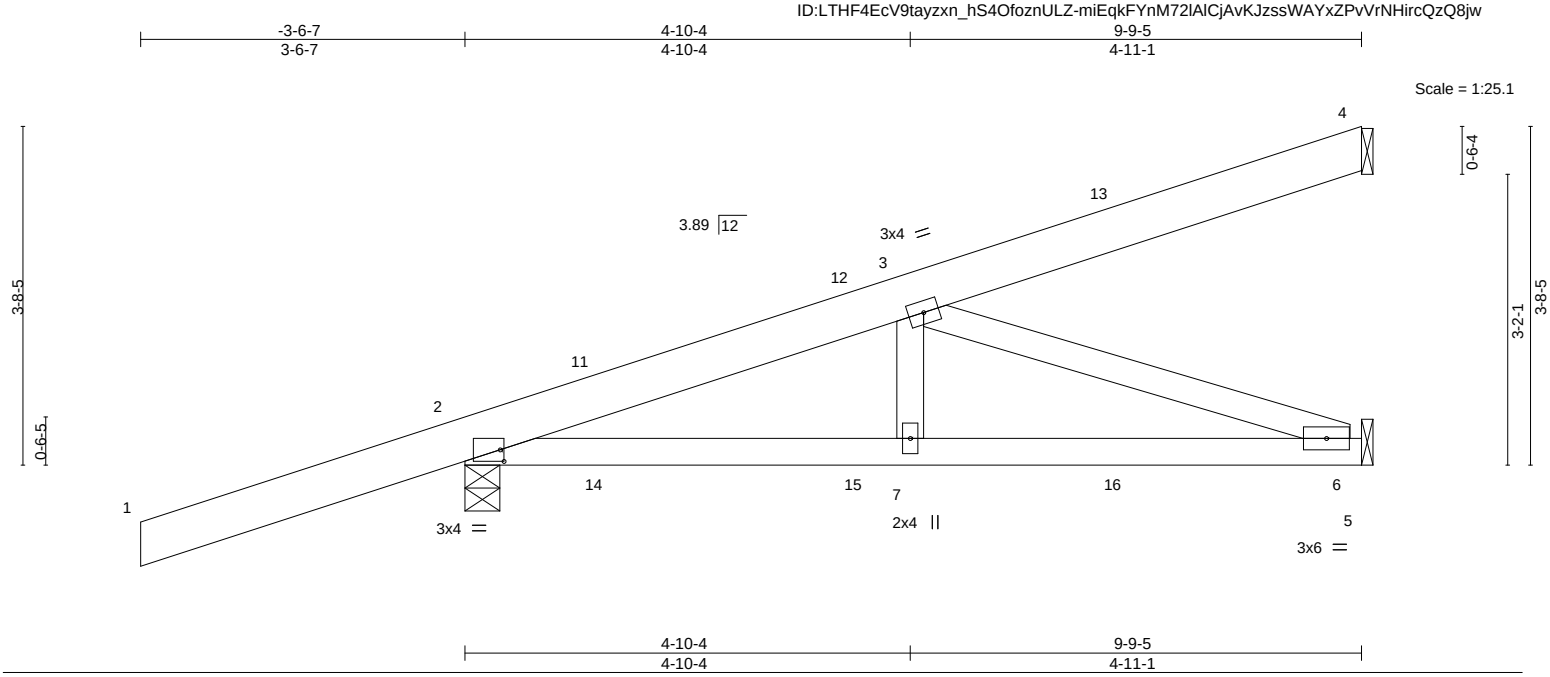


Plate Offsets (X,Y)-- [2:0-0-8,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	-0.09	7-10	>999	240	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.08	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.42	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-MS							Weight: 57 lb	FT = 10%

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

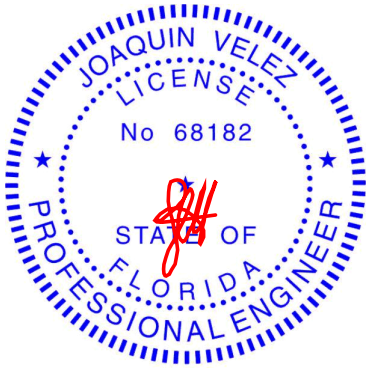
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-11-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 4=197/Mechanical, 2=505/0-4-9, 6=220/Mechanical
Max Horz 2=296(LC 24)
Max Uplift 4=-162(LC 8), 2=-539(LC 8), 6=-74(LC 5)
Max Grav 4=199(LC 17), 2=916(LC 28), 6=370(LC 28)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1032/207
BOT CHORD 2-7=-292/865, 6-7=-292/865
WEBS 3-7=0/309, 3-6=-919/310

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 4=162, 2=539.
6) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 205 lb down and 177 lb up at 1-6-1, 205 lb down and 177 lb up at 1-6-1, 47 lb down and 51 lb up at 4-4-0, 47 lb down and 51 lb up at 4-4-0, and 94 lb down and 130 lb up at 7-1-15, and 94 lb down and 130 lb up at 7-1-15 on top chord, and 136 lb down and 127 lb up at 1-6-1, 136 lb down and 127 lb up at 1-6-1, 45 lb down and 10 lb up at 4-4-0, 45 lb down and 10 lb up at 4-4-0, and 45 lb down at 7-1-15, and 45 lb down at 7-1-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
7) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-70, 5-8=-20
Concentrated Loads (lb)
Vert: 11=150(F=75, B=75) 13=-69(F=-34, B=-34) 14=132(F=66, B=66) 15=20(F=10, B=10) 16=-32(F=-16, B=-16)



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V1	GABLE	2	1	T16796635
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:35 2019 Page 1
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6-11-5 | 13-10-10
6-11-5 | 6-11-5

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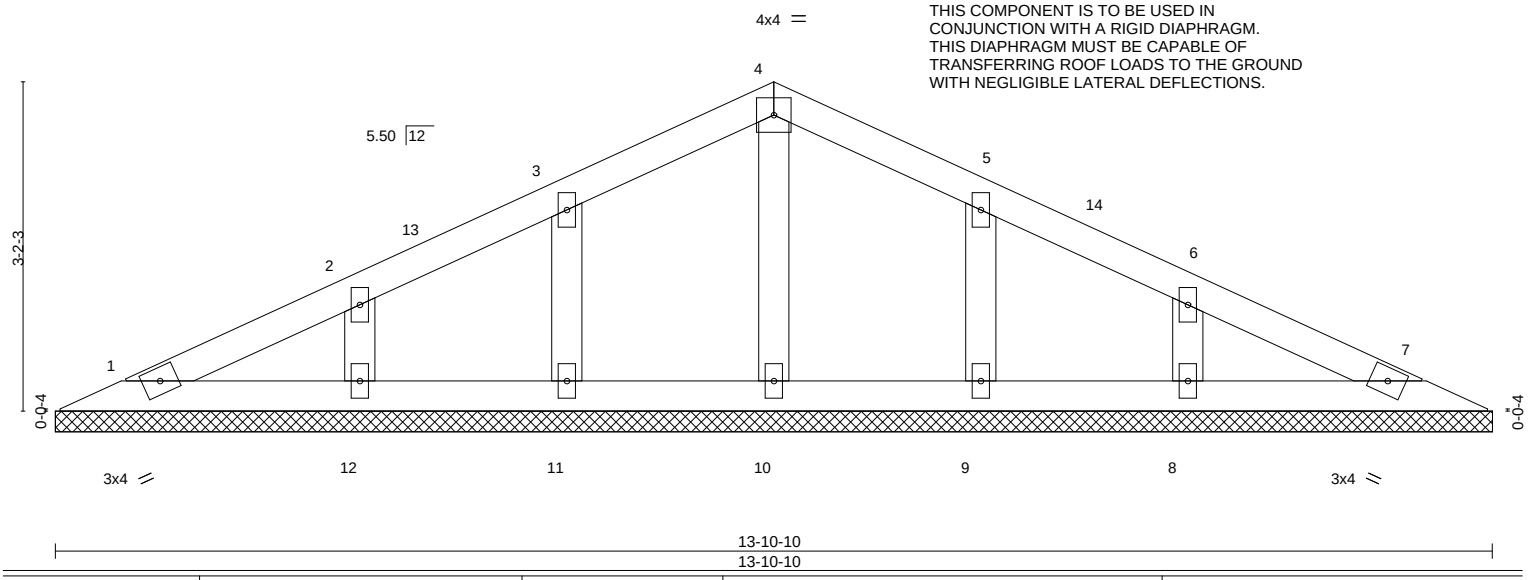


13-10-10
13-10-10

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 52 lb	FT = 10%

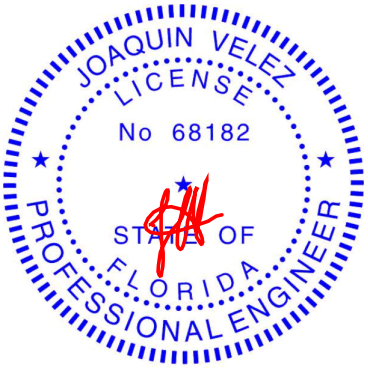
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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

REACTIONS. All bearings 13-10-10.
(lb) - Max Horz 1=-89(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7 except 11=-105(LC 12), 12=-130(LC 12), 9=-105(LC 12), 8=-130(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 10, 11, 12, 9, 8

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-4 to 3-8-4, Interior(1) 3-8-4 to 6-11-5, Exterior(2) 6-11-5 to 9-11-5, Interior(1) 9-11-5 to 13-2-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
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) 1, 7 except (jt=lb) 11=105, 12=130, 9=105, 8=130.



Joaquin Velez PE No.68182
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6904 Parke East Blvd. Tampa FL 33610
Date:
April 17,2019

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Tampa, FL 36610

Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V2	GABLE	1	1	T16796636
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:38 2019 Page 1
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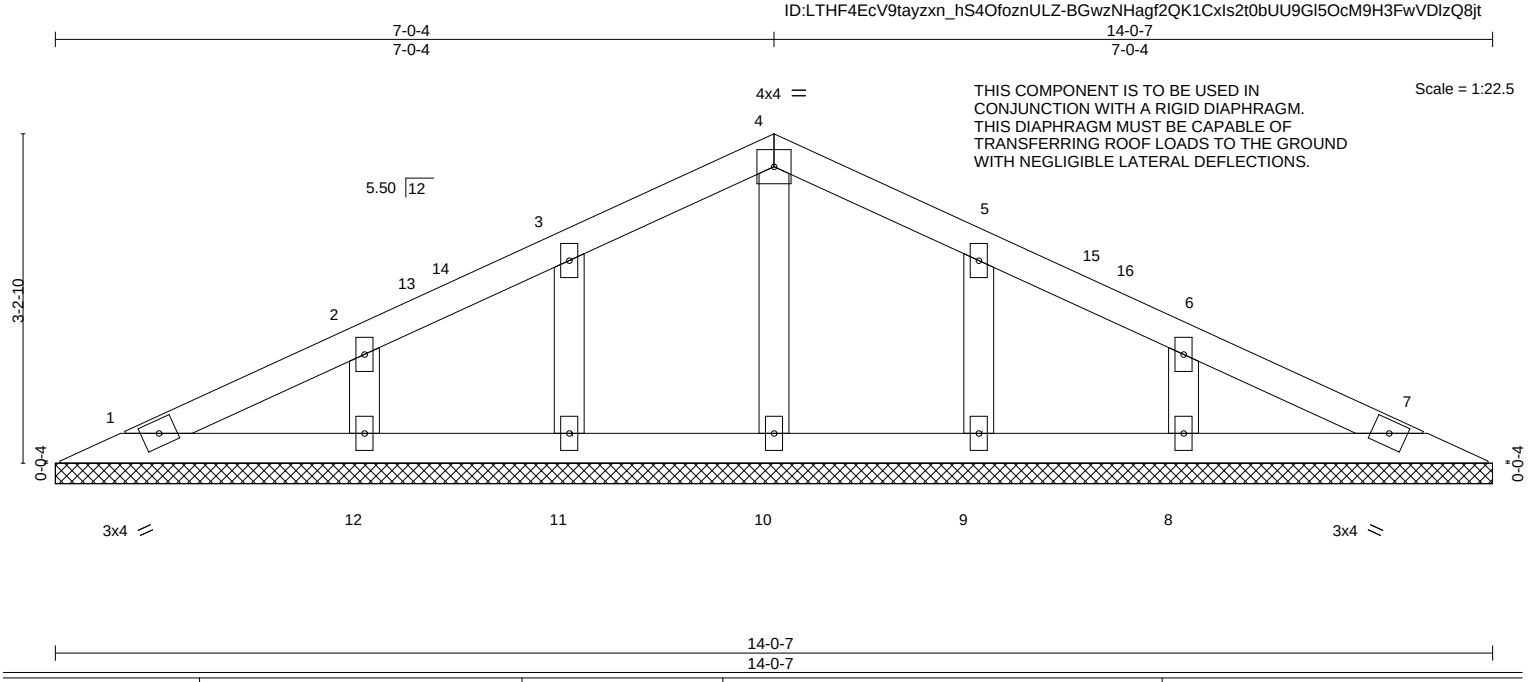


THIS COMPONENT IS TO BE USED IN CONJUNCTION WITH A RIGID DIAPHRAGM. THIS DIAPHRAGM MUST BE CAPABLE OF TRANSFERRING ROOF LOADS TO THE GROUND WITH NEGLIGIBLE LATERAL DEFLECTIONS.

Scale = 1:22.5

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	20.0	Plate Grip DOL	1.25	TC	0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.04	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 53 lb	FT = 10%

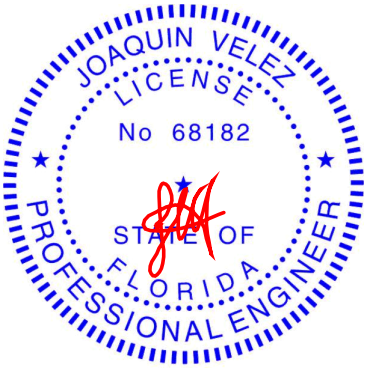
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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 14-0-7.
(lb) - Max Horz 1=-90(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7 except 11=-104(LC 12), 12=-133(LC 12), 9=-104(LC 12), 8=-133(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 10, 11, 12, 9, 8

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-4 to 3-8-4, Interior(1) 3-8-4 to 7-0-4, Exterior(2) 7-0-4 to 10-0-4, Interior(1) 10-0-4 to 13-4-3 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 2x4 MT20 unless otherwise indicated.
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) 1, 7 except (jt=lb) 11=104, 12=133, 9=104, 8=133.



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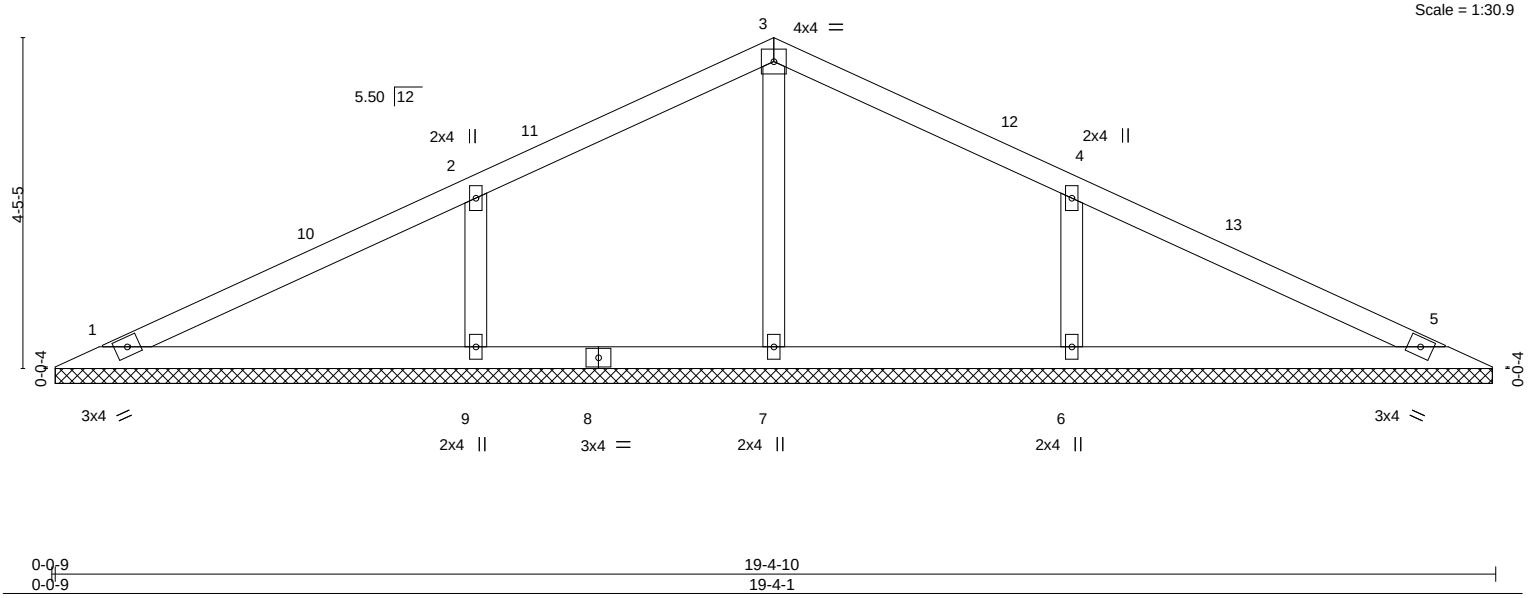
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V3	Valley	1	1	T16796637
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:38 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-BGwzNHagf2QK1CxIs2t0bUU5Al2tcLkH3FwVDlzQ8jt

9-8-5 | 19-4-10
9-8-5 | 9-8-5

Scale = 1:30.9



0-0-9 | 19-4-10
0-0-9 | 19-4-1

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.34	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.20	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 70 lb	FT = 10%

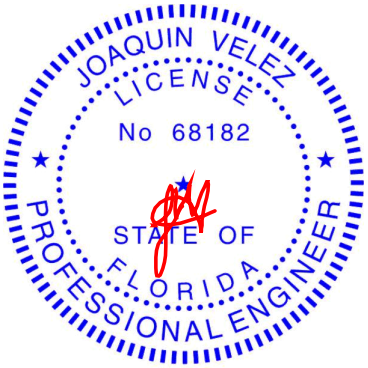
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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 19-3-8.
(lb) - Max Horz 1=-127(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 9=-296(LC 12), 6=-296(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=252(LC 1), 9=499(LC 21), 6=499(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-9=-380/384, 4-6=-380/384

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-4 to 3-8-4, Interior(1) 3-8-4 to 9-8-5, Exterior(2) 9-8-5 to 12-8-5, Interior(1) 12-8-5 to 18-8-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 9=296, 6=296.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V4	Valley	2	1	T16796638
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:39 2019 Page 1
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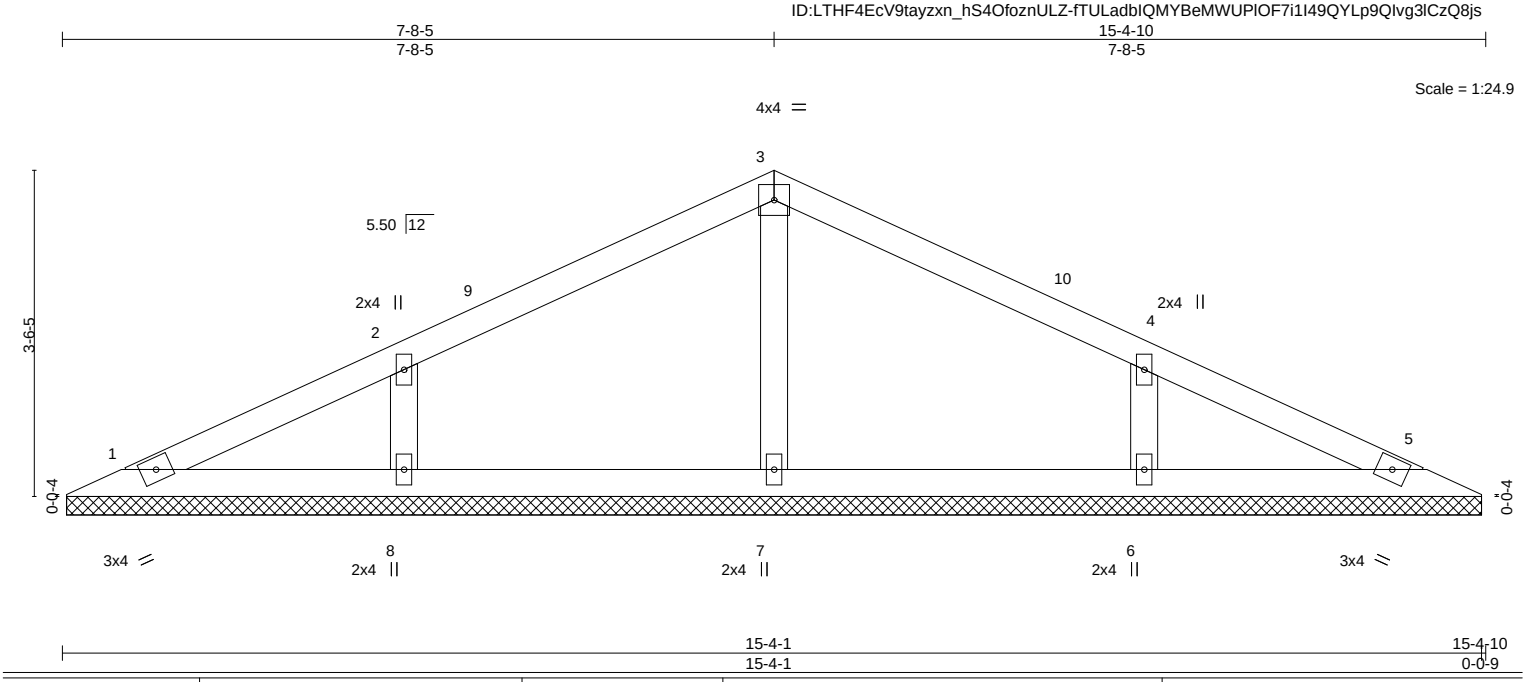


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.21	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 53 lb	FT = 10%

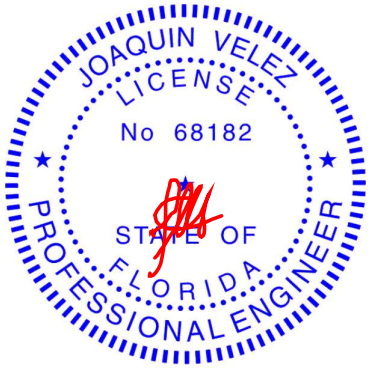
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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 15-3-8.
(lb) - Max Horz 1=-99(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 7 except 8=-223(LC 12), 6=-223(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=317(LC 1), 8=374(LC 21), 6=374(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-8=-293/319, 4-6=-293/319

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-4 to 3-8-5, Interior(1) 3-8-5 to 7-8-5, Exterior(2) 7-8-5 to 10-8-5, Interior(1) 10-8-5 to 14-8-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 7 except (jt=lb) 8=223, 6=223.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V5	Valley	1	1	T16796639
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:40 2019 Page 1
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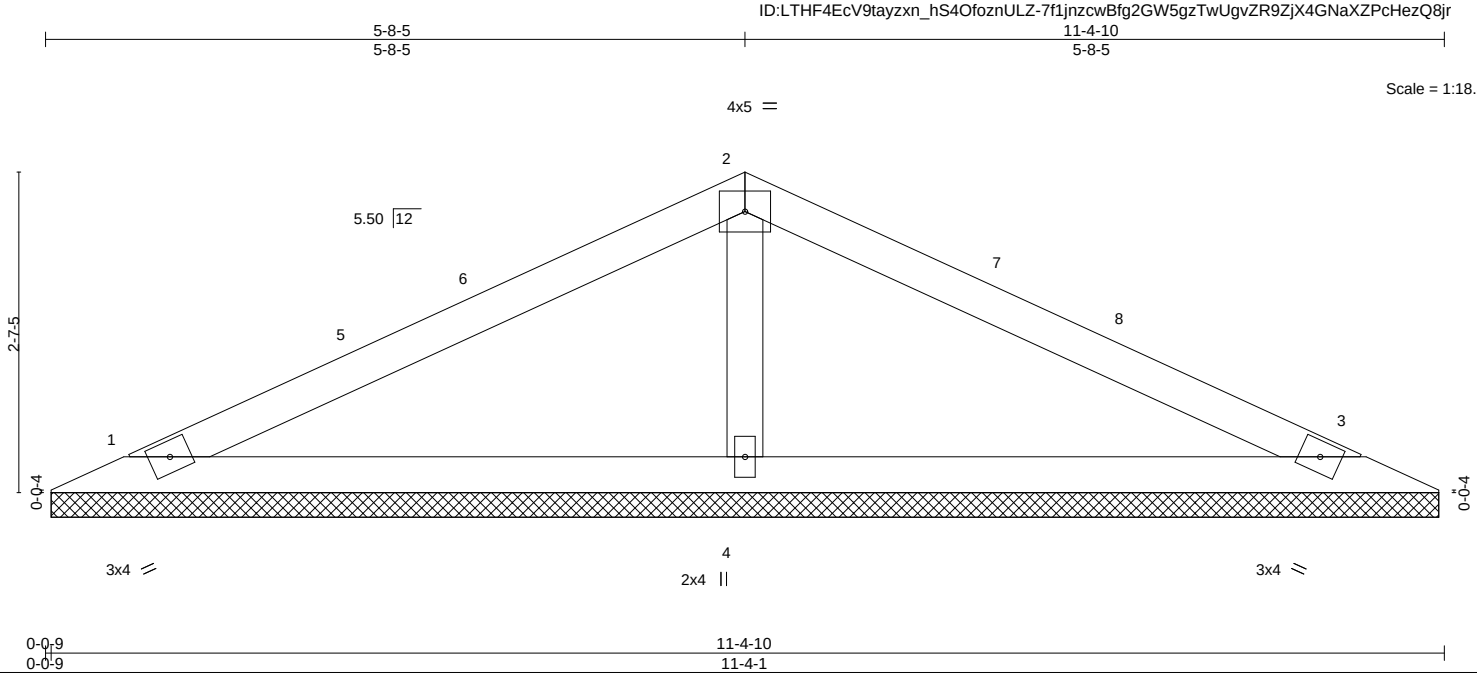


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.38	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-S							Weight: 36 lb	FT = 10%

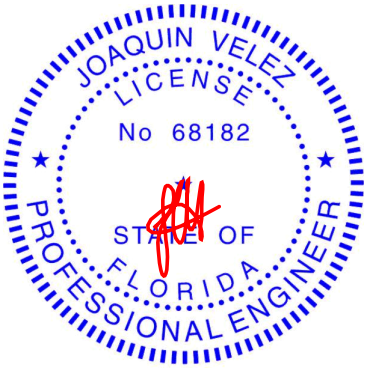
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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. (lb/size) 1=202/11-3-8, 3=202/11-3-8, 4=497/11-3-8
Max Horz 1=-71(LC 10)
Max Uplift 1=-107(LC 12), 3=-107(LC 12), 4=-189(LC 12)
Max Grav 1=205(LC 21), 3=205(LC 22), 4=497(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-346/334

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-4 to 3-8-4, Interior(1) 3-8-4 to 5-8-5, Exterior(2) 5-8-5 to 8-8-5, Interior(1) 8-8-5 to 10-8-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=107, 3=107, 4=189.



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April 17,2019

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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V6	Valley	1	1	T16796640
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:40 2019 Page 1
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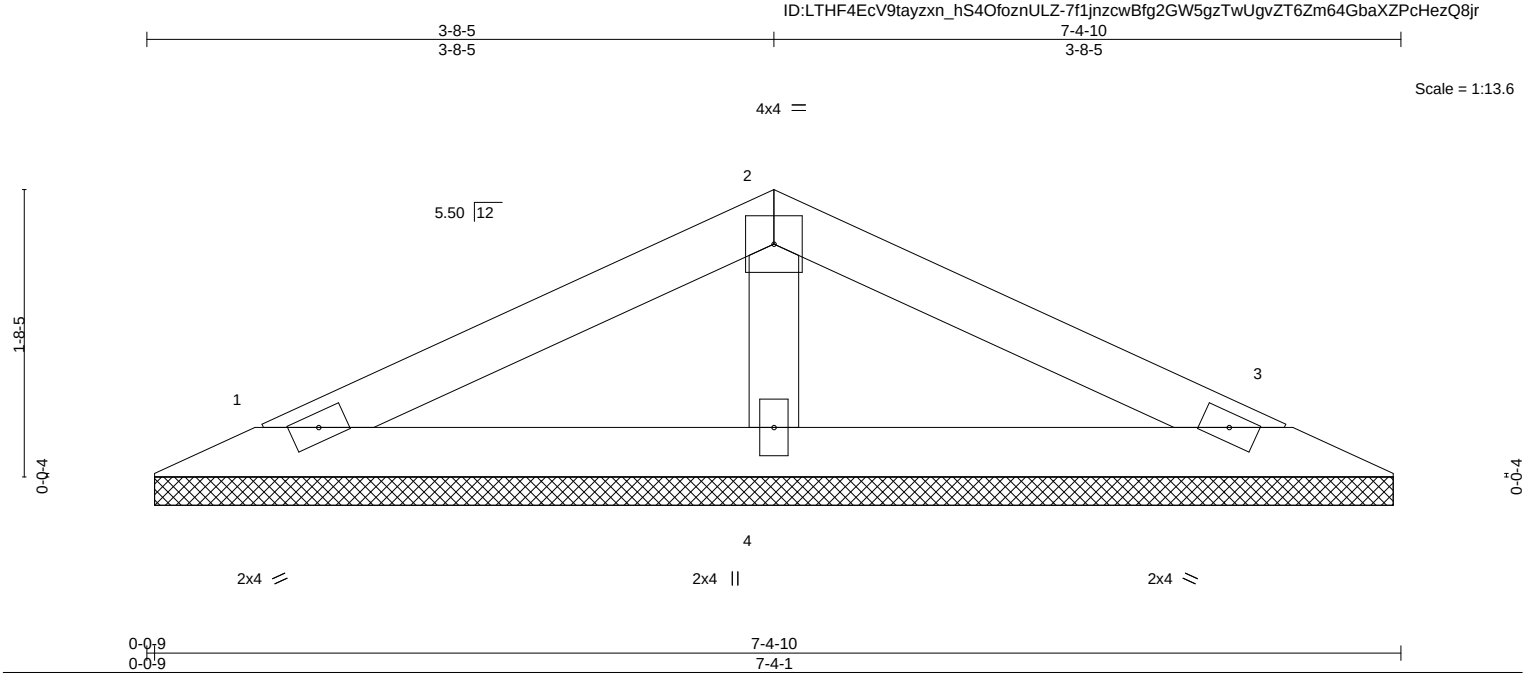


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 22 lb	FT = 10%

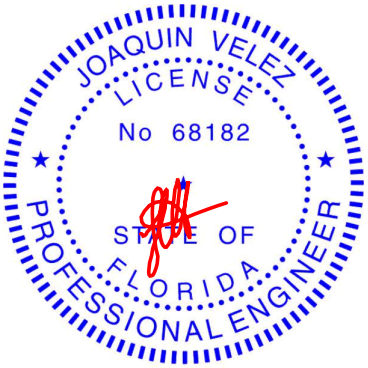
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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. (lb/size) 1=136/7-3-8, 3=136/7-3-8, 4=269/7-3-8
Max Horz 1=-43(LC 10)
Max Uplift 1=-79(LC 12), 3=-79(LC 12), 4=-85(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-194/250

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3, 4.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V7	Valley	1	1	T16796641
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:41 2019 Page 1
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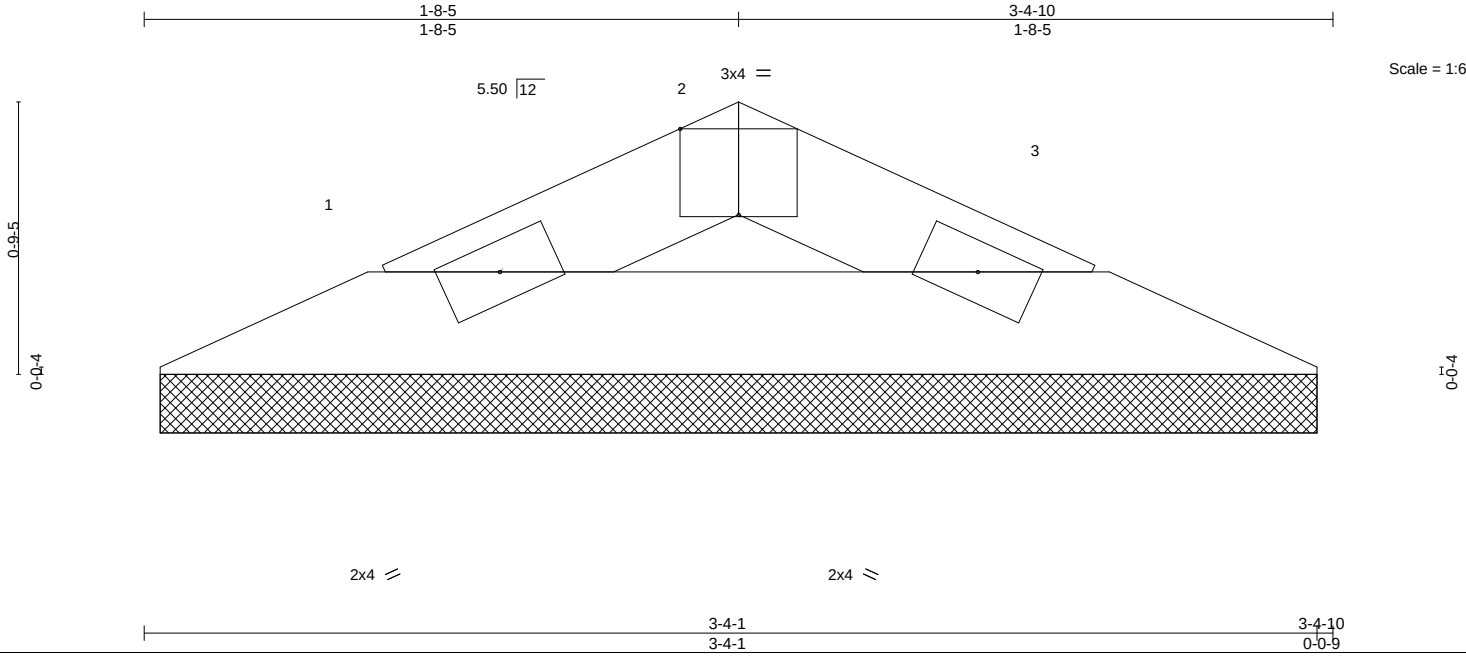


Plate Offsets (X,Y)-- [2:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.05	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.05	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 8 lb	FT = 10%

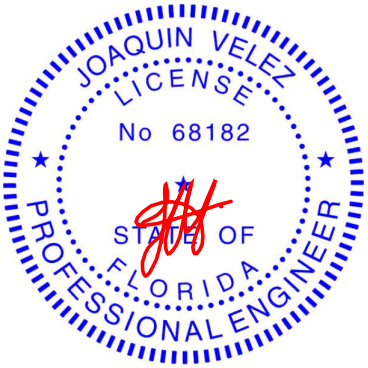
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (lb/size) 1=90/3-3-8, 3=90/3-3-8
Max Horz 1=14(LC 11)
Max Uplift 1=-41(LC 12), 3=-41(LC 12)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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Date:
April 17,2019

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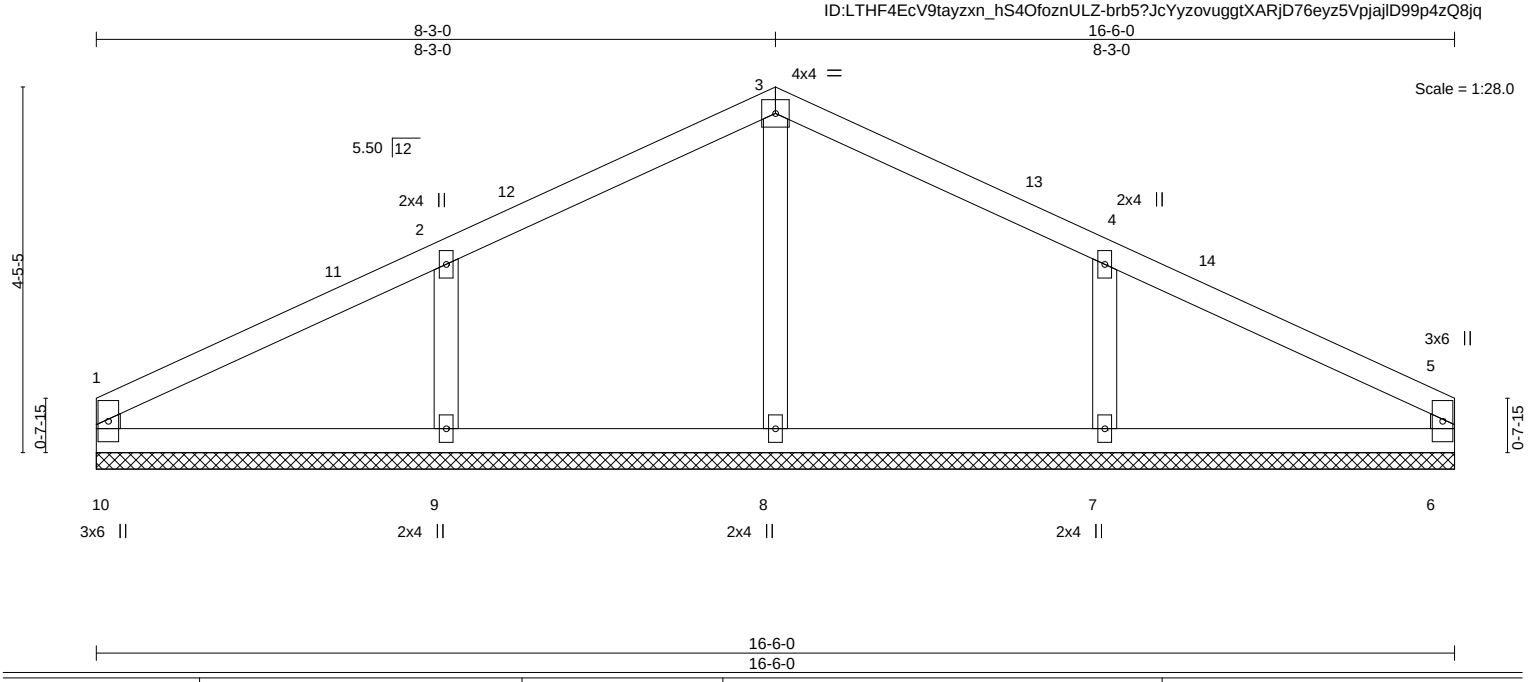
Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V8	Valley	1	1	T16796642
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL

8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:41 2019 Page 1
ID:LTHF4EcV9tayzxn_hS4OfoznULZ-brb5?JcYyzovuggtXARjD76eyz5VpjajlD99p4zQ8jq



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.15	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-R							Weight: 64 lb	FT = 10%

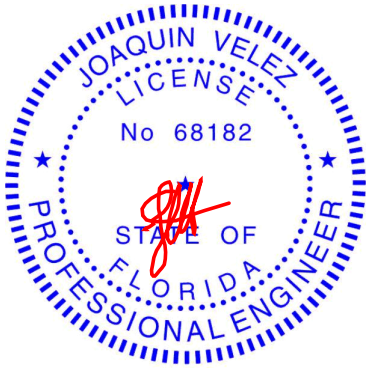
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

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

REACTIONS. All bearings 16-6-0.
(lb) - Max Horz 10=-143(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) except 10=-105(LC 12), 6=-105(LC 12), 9=-255(LC 12), 7=-255(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 10, 6, 8 except 9=427(LC 17), 7=424(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-216/291, 3-4=-216/283
WEBS 2-9=-331/348, 4-7=-331/347

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 8-3-0, Exterior(2) 8-3-0 to 11-3-0, Interior(1) 11-3-0 to 16-4-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 105 lb uplift at joint 10, 105 lb uplift at joint 6, 255 lb uplift at joint 9 and 255 lb uplift at joint 7.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V9	Valley	1	1	T16796643
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:42 2019 Page 1
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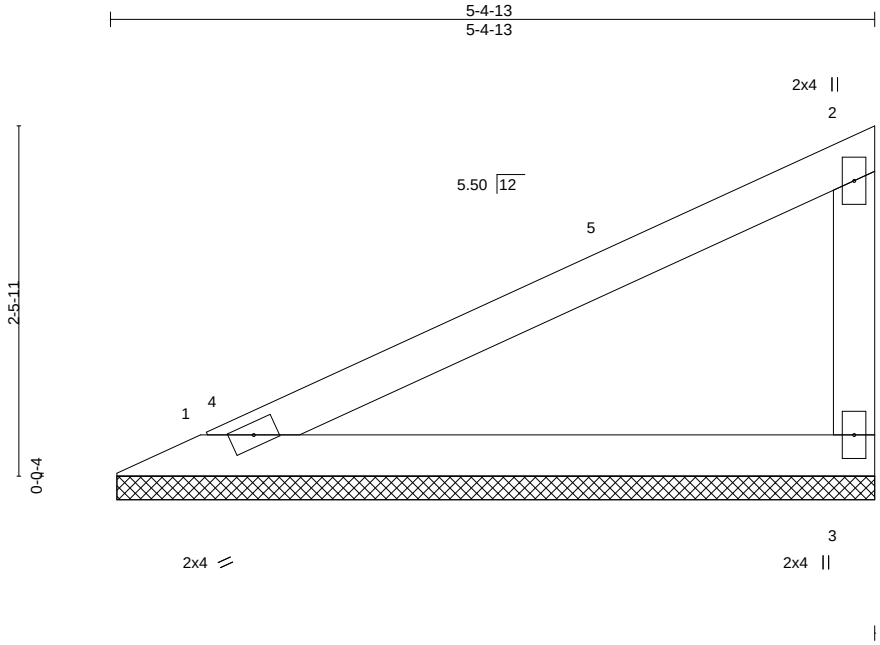


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.64	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.26	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 18 lb	FT = 10%

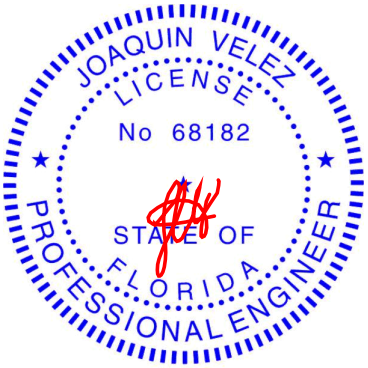
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=206/5-4-4, 3=206/5-4-4
Max Horz 1=155(LC 11)
Max Uplift 1=-86(LC 12), 3=-98(LC 12)
Max Grav 1=206(LC 1), 3=210(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-211/324

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-4 to 3-8-4, Interior(1) 3-8-4 to 5-3-1 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 86 lb uplift at joint 1 and 98 lb uplift at joint 3.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V10	Valley	1	1	T16796644
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:36 2019 Page 1

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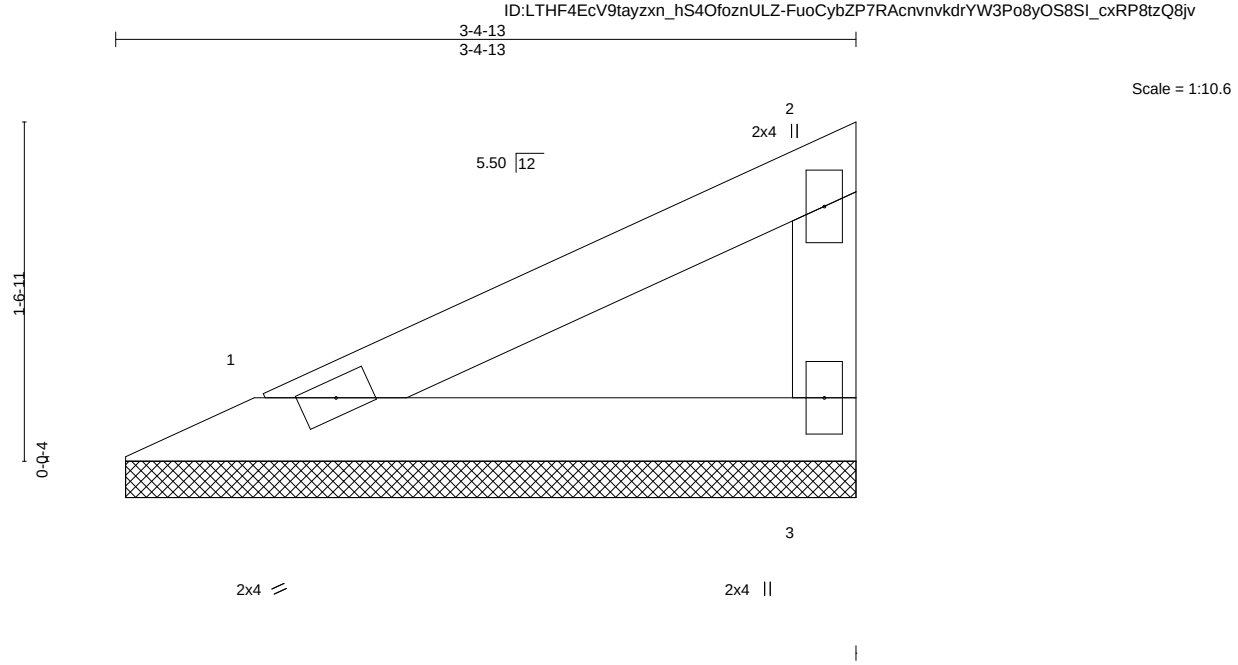


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 11 lb	FT = 10%

LUMBER-

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

BRACING-

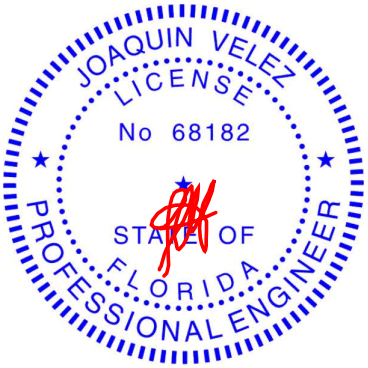
TOP CHORD	Structural wood sheathing directly applied or 3-4-13 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=116/3-4-4, 3=116/3-4-4
Max Horz 1=87(LC 9)
Max Uplift 1=-48(LC 12), 3=-55(LC 12)
Max Grav 1=116(LC 1), 3=118(LC 17)

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

NOTES-

1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V11	Valley	2	1	T16796645
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:36 2019 Page 1
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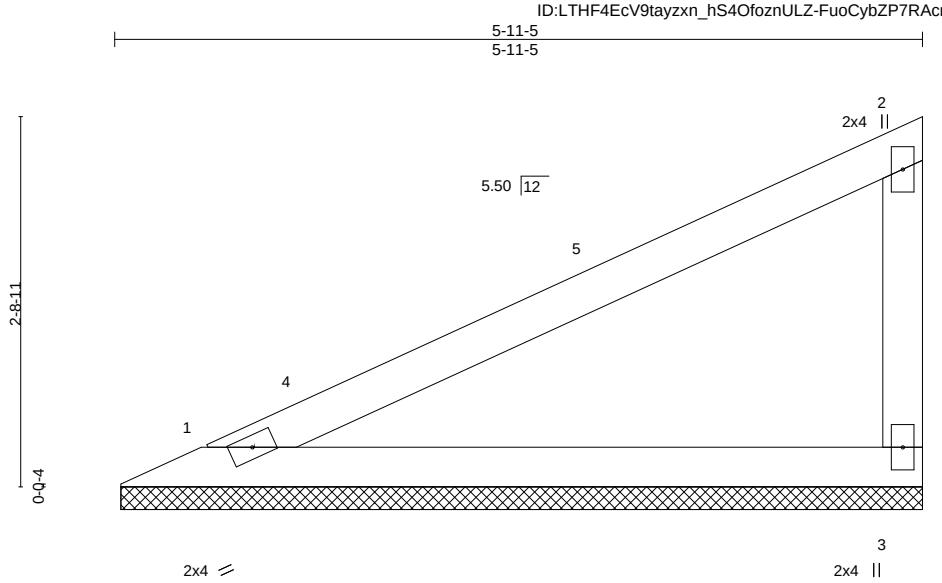


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.79	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.33	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 21 lb	FT = 10%

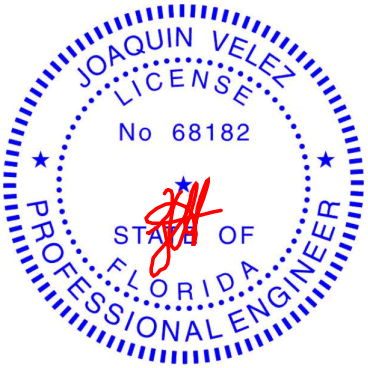
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=230/5-10-12, 3=230/5-10-12
Max Horz 1=173(LC 9)
Max Uplift 1=-96(LC 12), 3=-110(LC 12)
Max Grav 1=230(LC 1), 3=235(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-234/354

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) 0-8-4 to 3-8-4, Interior(1) 3-8-4 to 5-9-9 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 3=110.



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Job	Truss	Truss Type	Qty	Ply	348 Shore Drive E.
413220	V12	Valley	2	1	T16796646
					Job Reference (optional)

TIBBETTS LUMBER CO LLC, LUTZ, FL — 8.240 s Dec 6 2018 MiTek Industries, Inc. Tue Apr 16 12:12:37 2019 Page 1
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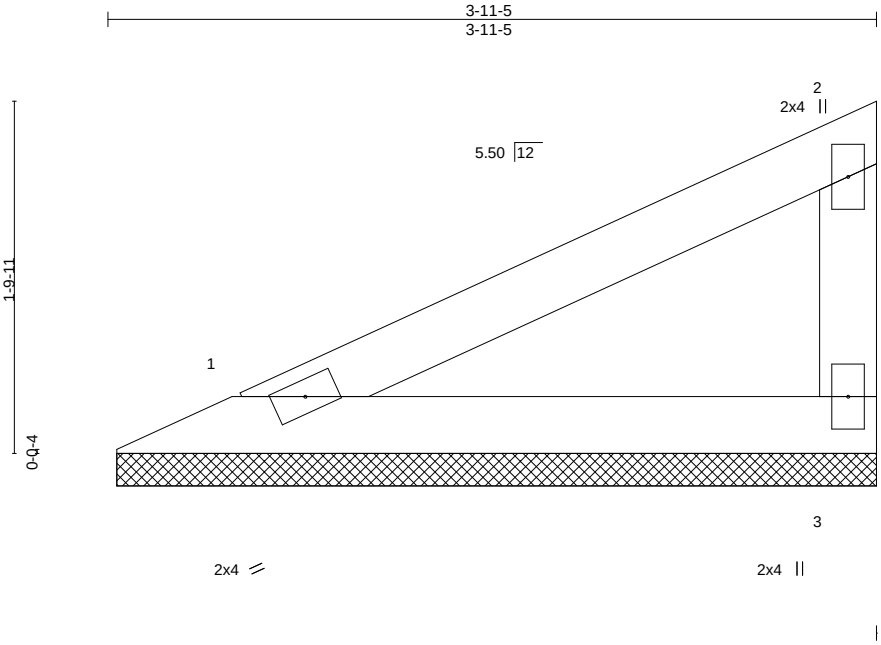


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	15.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2017/TPI2014		Matrix-P							Weight: 13 lb	FT = 10%

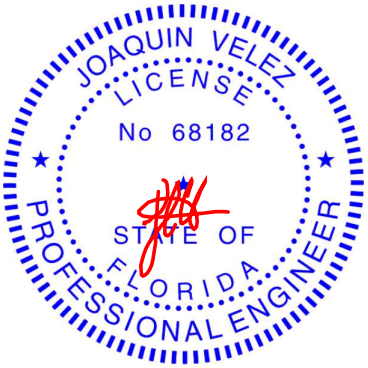
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=140/3-10-12, 3=140/3-10-12
Max Horz 1=105(LC 9)
Max Uplift 1=-58(LC 12), 3=-67(LC 12)
Max Grav 1=140(LC 1), 3=143(LC 17)

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

NOTES-
1) Wind: ASCE 7-10; Vult=145mph (3-second gust) Vasd=112mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp D; Encl., GCpi=0.18; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



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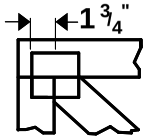
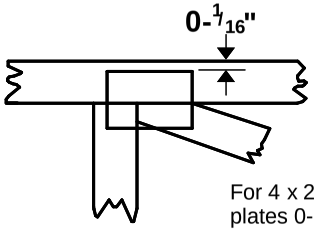
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

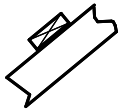
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

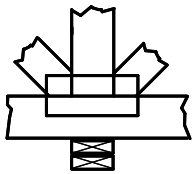
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

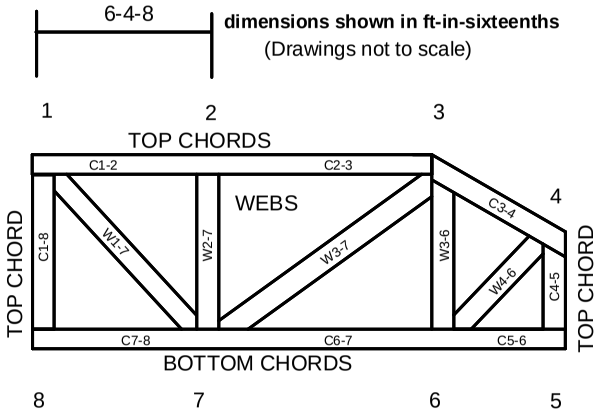


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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