RE: 6252820
2508-A 3 Car Fe

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

Site Information:

Customer: Adams Homes-Gainesville
Lot/Block: 33
Address: 483 SW Bellflower , .
City: Lake City
Project Name: 6252820
Model: 2508-A-3Car FE
Subdivision: The Preserve @ Laurel Lake
State: Fl

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

Design Code: FBC2023/TPI2014
Wind Code: ASCE 7-22
Roof Load: 40.0 psf
Design Program: MiTek 20/20 8.8
Wind Speed: 130 mph
Floor Load: N/A psf

Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida

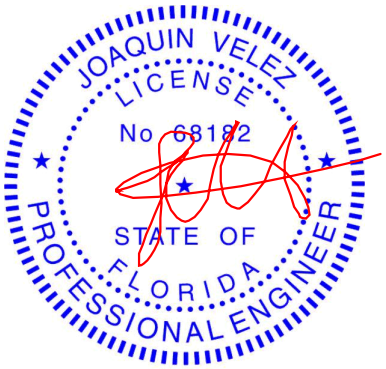
This package includes 55 individual, dated Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T39219951	A01	11/18/2025	21	T39219971	B01	11/18/2025
2	T39219952	A02	11/18/2025	22	T39219972	B02	11/18/2025
3	T39219953	A03	11/18/2025	23	T39219973	B03	11/18/2025
4	T39219954	A04	11/18/2025	24	T39219974	B04	11/18/2025
5	T39219955	A05	11/18/2025	25	T39219975	B05	11/18/2025
6	T39219956	A06	11/18/2025	26	T39219976	C1	11/18/2025
7	T39219957	A07	11/18/2025	27	T39219977	C1A	11/18/2025
8	T39219958	A08	11/18/2025	28	T39219978	C1E	11/18/2025
9	T39219959	A09	11/18/2025	29	T39219979	C1K	11/18/2025
10	T39219960	A10	11/18/2025	30	T39219980	C1V	11/18/2025
11	T39219961	A11	11/18/2025	31	T39219981	C3	11/18/2025
12	T39219962	A12	11/18/2025	32	T39219982	C3A	11/18/2025
13	T39219963	A13	11/18/2025	33	T39219983	C3K	11/18/2025
14	T39219964	A14	11/18/2025	34	T39219984	C3V	11/18/2025
15	T39219965	A15	11/18/2025	35	T39219985	C5	11/18/2025
16	T39219966	A16	11/18/2025	36	T39219986	C5A	11/18/2025
17	T39219967	A17	11/18/2025	37	T39219987	C5K	11/18/2025
18	T39219968	A18	11/18/2025	38	T39219988	C5V	11/18/2025
19	T39219969	A19	11/18/2025	39	T39219989	E01	11/18/2025
20	T39219970	A20	11/18/2025	40	T39219990	E02	11/18/2025

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

Truss Design Engineer's Name: Velez, Joaquin
My license renewal date for the state of Florida is February 28, 2027.
Florida COA: 6634

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



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date: November 18, 2025

Velez, Joaquin

RE: 6252820 - 2508-A 3 Car Fe

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

Site Information:

Project Customer: Adams Homes-Gainesville Project Name: 6252820
Lot/Block: 33 Subdivision: The Preserve @ Laurel Lake
Address: 483 SW Bellflower , .
City, County: Lake City State: Fl

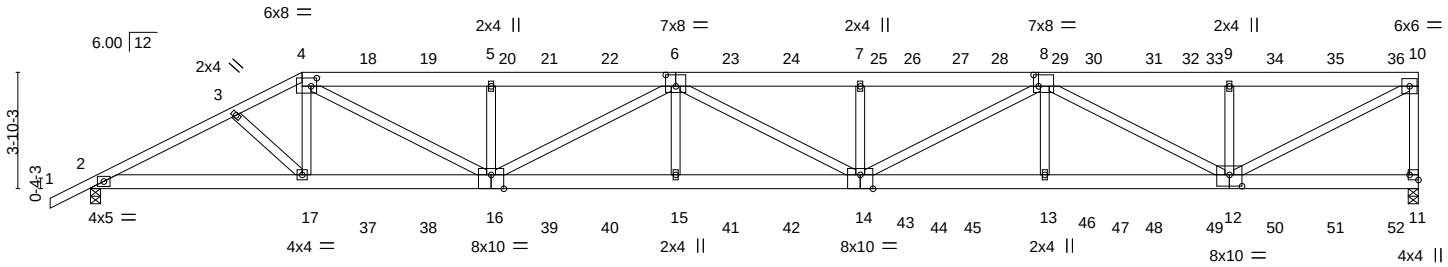
No.	Seal#	Truss Name	Date
41	T39219991	E3E	11/18/2025
42	T39219992	E7	11/18/2025
43	T39219993	E7K	11/18/2025
44	T39219994	E7V	11/18/2025
45	T39219995	H7	11/18/2025
46	T39219996	H7K	11/18/2025
47	T39219997	H7V	11/18/2025
48	T39219998	HJ3E	11/18/2025
49	T39219999	K01	11/18/2025
50	T39220000	K02	11/18/2025
51	T39220001	K03	11/18/2025
52	T39220002	PB1	11/18/2025
53	T39220003	PB2	11/18/2025
54	T39220004	PB3	11/18/2025
55	T39220005	PB4	11/18/2025

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A01	HALF HIP GIRDER	1	2	T39219951
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:10 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-?6CWkecnUgHv6YU8iOkCPqk?xD095n7FbmxQehyIFI7

1-4-0	4-9-12	7-0-0	13-3-0	19-4-4	25-5-8	31-6-12	37-8-0	43-11-0
1-4-0	4-9-12	2-2-4	6-3-0	6-1-4	6-1-4	6-1-4	6-1-4	6-3-0

Scale = 1:76.2



7-0-0	13-3-0	19-4-4	25-5-8	31-6-12	37-8-0	43-11-0
7-0-0	6-3-0	6-1-4	6-1-4	6-1-4	6-1-4	6-3-0

Plate Offsets (X,Y)-- [4:0-2-4,0-3-4], [6:0-4-0,0-4-8], [8:0-2-0,0-4-8], [11:Edge,0-3-8], [12:0-5-0,0-4-8], [14:0-5-0,Edge], [16:0-5-0,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	0.47	Vert(LL)	-0.43	14-15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.87	14-15	>603	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.79	Horz(CT)	0.16	11	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.30	14-15	>999	240	Weight: 592 lb	FT = 20%

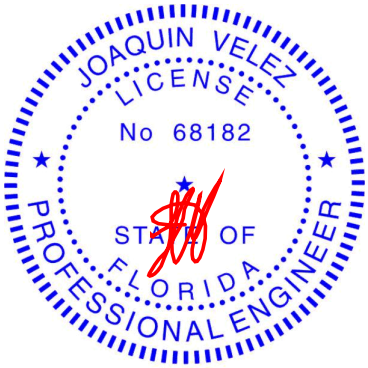
LUMBER-
TOP CHORD 2x6 SP No.2 *Except*
1-4: 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except*
14-16: 2x6 SP DSS
WEBS 2x4 SP No.2

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

REACTIONS. (size) 11=0-4-0, 2=0-4-0
Max Horz 2=107(LC 27)
Max Uplift 11=-336(LC 8), 2=-283(LC 8)
Max Grav 11=3767(LC 1), 2=3568(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-7251/519, 3-4=-7141/512, 4-5=-10224/853, 5-6=-10222/853, 6-7=-11781/1027, 7-8=-11781/1027, 8-9=-5903/523, 9-10=-5903/523, 10-11=-3613/404
BOT CHORD 2-17=-504/6395, 16-17=-465/6443, 15-16=-1027/11961, 14-15=-1027/11961, 13-14=-863/9776, 12-13=-863/9776
WEBS 4-17=0/639, 4-16=-442/4335, 5-16=-853/281, 6-16=-2015/199, 6-15=0/539, 7-14=-760/258, 8-14=-188/2294, 8-13=0/527, 8-12=-4429/389, 9-12=-828/287, 10-12=-590/6670

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 11 and 2. This connection is for uplift only and does not consider lateral forces.



Joaquin Velez PE No.68182
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:
November 18,2025

Continued on page 2

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

NOTES-

10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 256 lb down and 173 lb up at 7-0-0, 133 lb down and 89 lb up at 9-0-12, 133 lb down and 89 lb up at 11-0-12, 133 lb down and 89 lb up at 13-0-12, 133 lb down and 89 lb up at 15-0-12, 133 lb down and 89 lb up at 17-0-12, 133 lb down and 89 lb up at 19-0-12, 133 lb down and 89 lb up at 21-0-12, 133 lb down and 89 lb up at 23-0-12, 133 lb down and 89 lb up at 25-0-12, 133 lb down and 89 lb up at 27-0-12, 133 lb down and 89 lb up at 29-0-12, 133 lb down and 89 lb up at 31-0-12, 133 lb down and 89 lb up at 33-0-12, 133 lb down and 89 lb up at 35-0-12, 133 lb down and 89 lb up at 37-0-12, 133 lb down and 89 lb up at 39-0-12, and 133 lb down and 89 lb up at 41-0-12, and 142 lb down and 86 lb up at 43-0-12 on top chord, and 316 lb down at 7-0-0, 95 lb down at 9-0-12, 95 lb down at 11-0-12, 95 lb down at 13-0-12, 95 lb down at 15-0-12, 95 lb down at 17-0-12, 95 lb down at 19-0-12, 95 lb down at 21-0-12, 95 lb down at 23-0-12, 95 lb down at 25-0-12, 95 lb down at 27-0-12, 95 lb down at 29-0-12, 95 lb down at 31-0-12, 95 lb down at 33-0-12, 95 lb down at 35-0-12, 95 lb down at 37-0-12, 95 lb down at 39-0-12, and 95 lb down at 41-0-12, and 101 lb down at 43-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

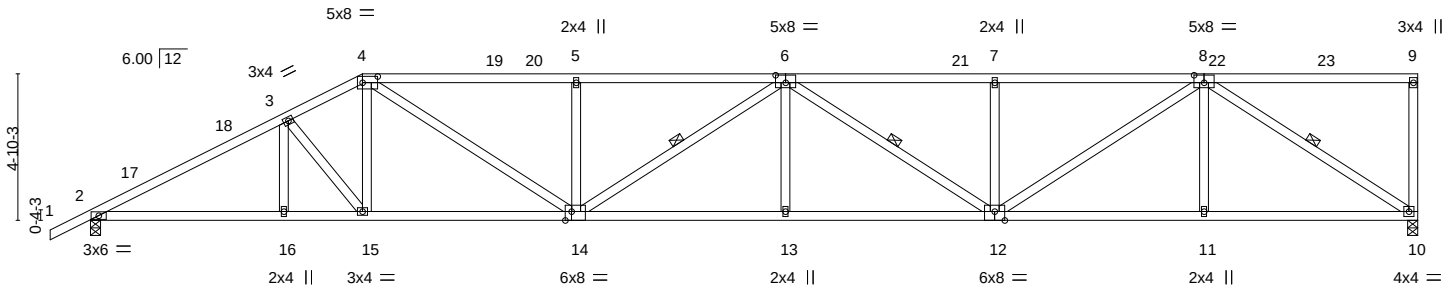
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-60, 4-10=-60, 2-11=-20
   Concentrated Loads (lb)
   Vert: 4=-209(F) 17=-281(F) 16=-48(F) 5=-133(F) 6=-133(F) 15=-48(F) 18=-133(F) 19=-133(F) 21=-133(F) 22=-133(F) 23=-133(F) 24=-133(F) 25=-133(F) 26=-133(F) 28=-133(F) 29=-133(F) 30=-133(F) 31=-133(F) 33=-133(F) 34=-133(F) 35=-133(F) 36=-142(F) 37=-48(F) 38=-48(F) 39=-48(F) 40=-48(F) 41=-48(F) 42=-48(F) 43=-48(F) 44=-48(F) 45=-48(F) 46=-48(F) 47=-48(F) 48=-48(F) 49=-48(F) 50=-48(F) 51=-48(F) 52=-51(F)

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A02	HALF HIP	1	1	T39219952
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:11 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-TImuxzdPE_Pmki3KG5FRy1H5adNPqDAOqQg_A7yIFl6

1-4-0	6-4-12	9-0-0	16-0-14	22-11-15	29-11-1	36-10-2	43-11-0
1-4-0	6-4-12	2-7-3	7-0-14	6-11-2	6-11-2	6-11-2	7-0-14

Scale = 1:76.2



6-4-12	9-0-0	16-0-14	22-11-15	29-11-1	36-10-2	43-11-0
6-4-12	2-7-3	7-0-14	6-11-2	6-11-2	6-11-2	7-0-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.80	Vert(LL)	-0.34	13	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.85	Vert(CT)	-0.69	13-14	>759	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.87	Horz(CT)	0.20	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.21	13	>999	240	Weight: 241 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
4-6: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD 2x4 SP No.2 *Except*
12-14: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2

BRACING-

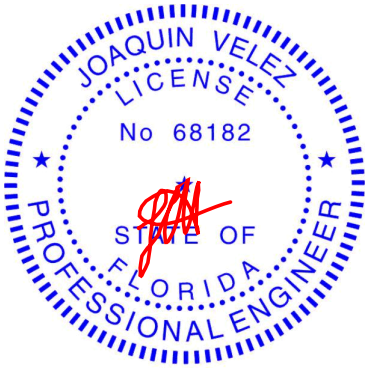
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-14, 6-12, 8-10

REACTIONS. (size) 10=0-4-0, 2=0-4-0
Max Horz 2=132(LC 12)
Max Uplift 10=-81(LC 12), 2=-114(LC 12)
Max Grav 10=1743(LC 1), 2=1836(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3366/220, 3-4=-3081/236, 4-5=-3934/281, 5-6=-3933/281, 6-7=-3675/234, 7-8=-3675/234
BOT CHORD 2-16=-268/2913, 15-16=-268/2913, 14-15=-219/2723, 13-14=-278/4220, 12-13=-278/4220, 11-12=-146/2305, 10-11=-146/2305
WEBS 3-15=-313/75, 4-15=-1/367, 4-14=-79/1501, 5-14=-448/132, 6-14=-406/15, 6-13=0/275, 6-12=-652/54, 7-12=-407/111, 8-12=-109/1641, 8-11=0/299, 8-10=-2724/172

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 9-0-0, Zone2 9-0-0 to 13-2-15, Zone1 13-2-15 to 43-9-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 2. This connection is for uplift only and does not consider lateral forces.



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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 18,2025

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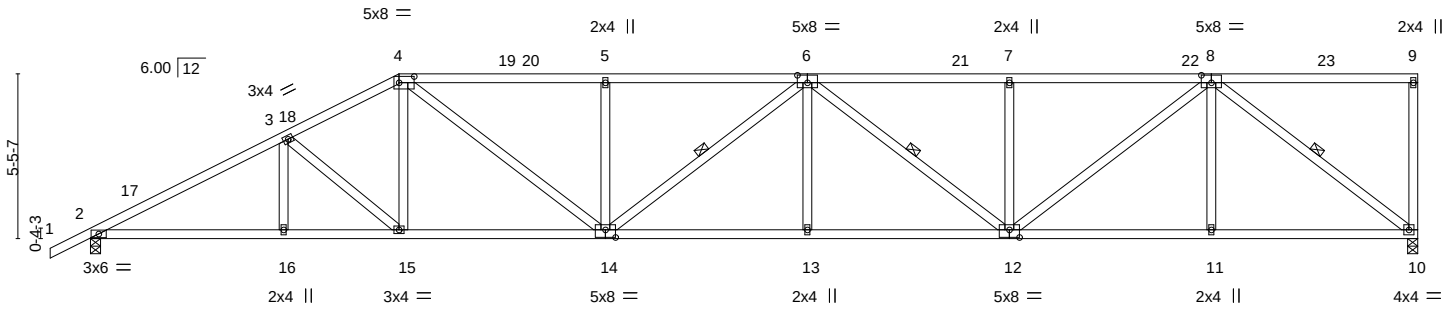
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A03	HALF HIP	1	1	T39219953
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:11 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-TImuxzdPE_Pmki3KG5FRy1H5OdMaqE1OqQg_A7yIFI6

1-4-0	6-4-11	10-2-8	17-0-7	23-8-10	30-4-14	37-1-1	43-11-0
1-4-0	6-4-11	3-9-13	6-9-15	6-8-3	6-8-3	6-8-3	6-9-15

Scale = 1:76.2



6-4-11	10-2-8	17-0-7	23-8-10	30-4-14	37-1-1	43-11-0
6-4-11	3-9-13	6-9-15	6-8-3	6-8-3	6-8-3	6-9-15

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.81	Vert(LL)	-0.30	13-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.90	Vert(CT)	-0.61	13-14	>858	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.20	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.18	13-14	>999	240	Weight: 249 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 4-6: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 6-14, 6-12, 8-10

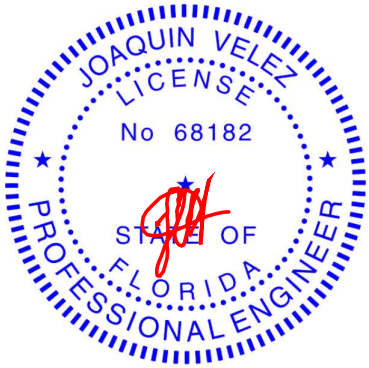
REACTIONS. (size) 10=0-4-0, 2=0-4-0
Max Horz 2=146(LC 12)
Max Uplift 10=-83(LC 12), 2=-112(LC 12)
Max Grav 10=1743(LC 1), 2=1836(LC 1)

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

TOP CHORD	2-3=-3368/216, 3-4=-2995/227, 4-5=-3551/262, 5-6=-3551/263, 6-7=-3181/208, 7-8=-3181/208
BOT CHORD	2-16=-280/2916, 15-16=-280/2916, 14-15=-221/2634, 13-14=-252/3706, 12-13=-252/3706, 11-12=-128/1975, 10-11=-128/1975
WEBS	3-15=-376/77, 4-15=0/385, 4-14=-59/1225, 5-14=-435/128, 6-14=-270/15, 6-13=0/265, 6-12=-664/57, 7-12=-394/107, 8-12=-104/1524, 8-11=0/289, 8-10=-2466/160

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 10-2-8, Zone2 10-2-8 to 14-5-7, Zone1 14-5-7 to 43-9-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 2. This connection is for uplift only and does not consider lateral forces.



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

November 18,2025

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

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A04	HIP	1	1	T39219954
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:12 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-yUKH9Je1?lXdLseXpomgVFpF71jpZiUY24QXiZyIFl5

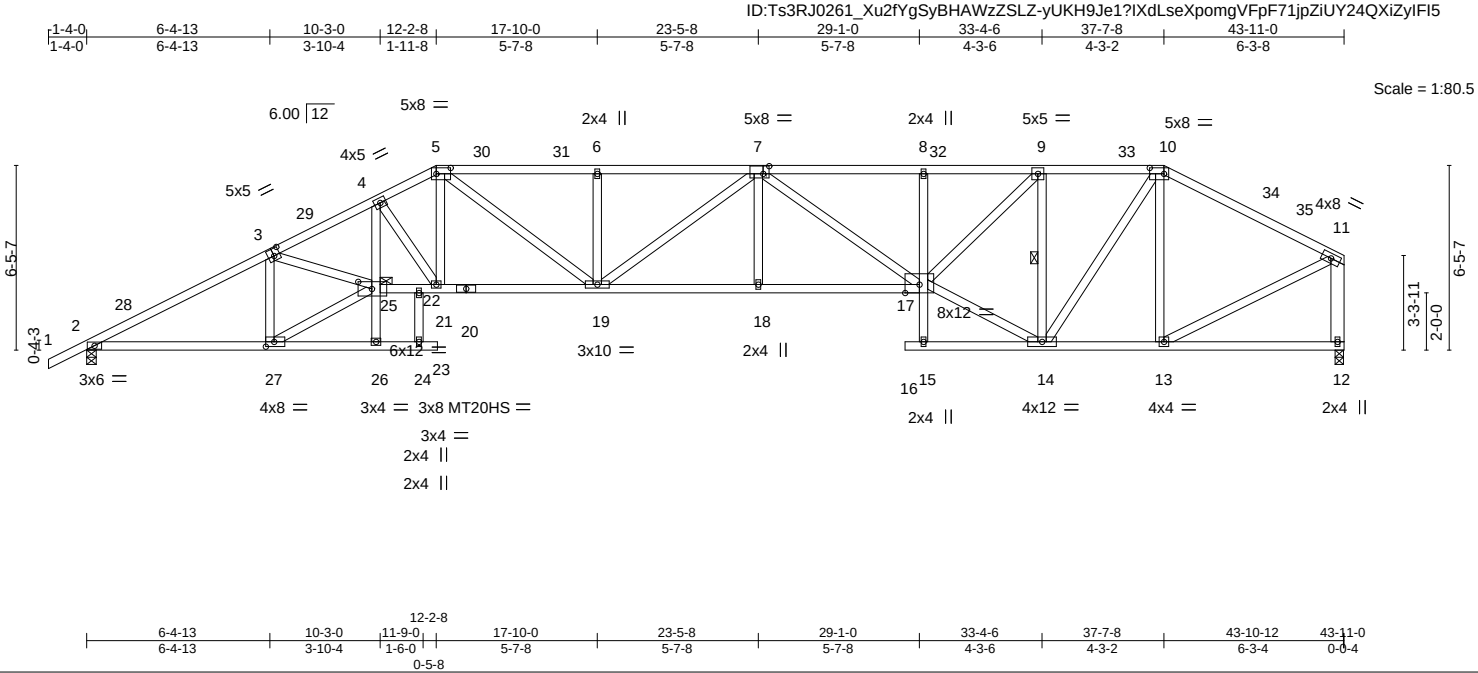


Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:0-6-0,0-2-8], [7:0-2-8,0-3-4], [10:0-6-0,0-2-8], [25:0-5-12,0-3-0], [27:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.81	Vert(LL)	-0.43	18-19	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.87	18-19	>601	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.73	Horz(CT)	0.40	12	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.26	18-19	>999	240	Weight: 285 lb	FT = 20%

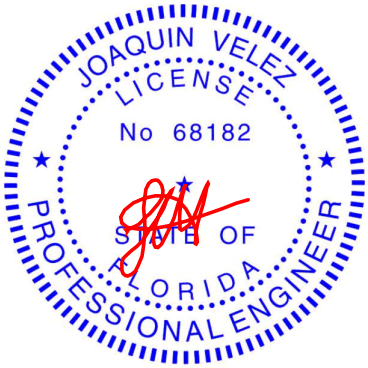
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
20-25,17-20: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2 *Except*
11-12: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
10-0-0 oc bracing: 21-22, 15-17
WEBS 1 Row at midpt 9-14
JOINTS 1 Brace at Jt(s): 25

REACTIONS. (size) 2=0-4-0, 12=0-3-8
Max Horz 2=97(LC 12)
Max Uplift 2=-108(LC 12), 12=-71(LC 12)
Max Grav 2=1846(LC 1), 12=1751(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3401/214, 3-4=-4953/365, 4-5=-4116/315, 5-6=-4466/338, 6-7=-4466/339, 7-8=-4107/310, 8-9=-4076/309, 9-10=-2256/210, 10-11=-1793/153, 11-12=-1691/162
BOT CHORD 2-27=-220/2945, 4-25=-84/1234, 22-25=-290/4376, 21-22=-290/4375, 19-21=-215/3711, 18-19=-257/4614, 17-18=-257/4614, 8-17=-297/85, 13-14=-80/1513
WEBS 3-27=-1467/187, 25-27=-246/3248, 3-25=-68/1454, 4-21=-1189/129, 5-21=-41/1013, 5-19=-60/1052, 6-19=-347/107, 7-19=-294/2, 7-17=-654/39, 14-17=-135/2428, 9-17=-140/2580, 9-14=-2067/172, 10-14=-82/1343, 10-13=-623/106, 11-13=-81/1648

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 12-2-8, Zone2 12-2-8 to 16-5-7, Zone1 16-5-7 to 37-7-8, Zone2 37-7-8 to 41-10-7, Zone1 41-10-7 to 43-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) 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) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 12. This connection is for uplift only and does not consider lateral forces.



Joaquin Velez PE No.68182
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Date:

November 18,2025

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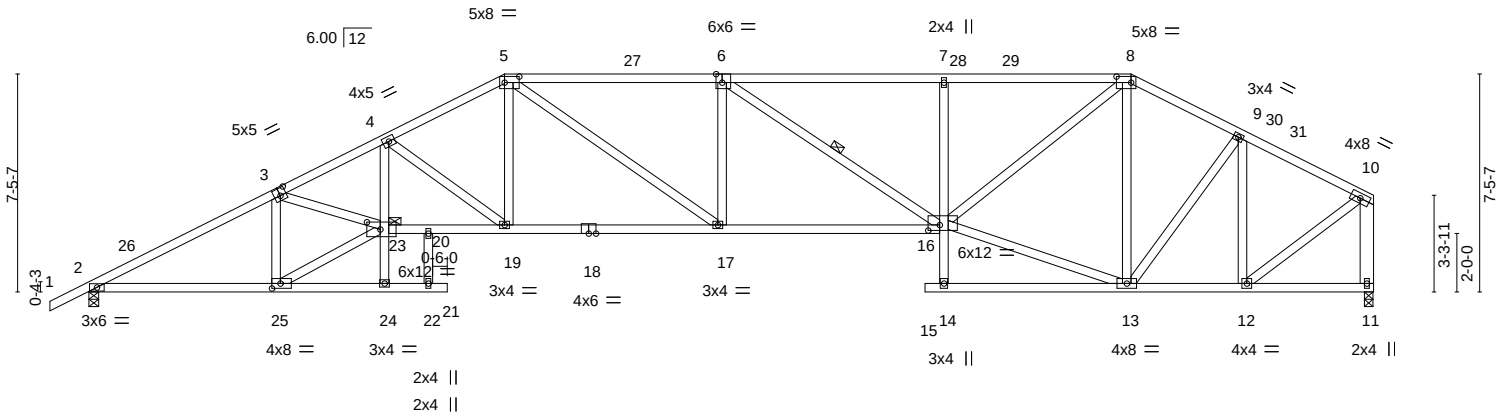
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A05	HIP	1	1	T39219955
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:13 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-QhufMfefmbfUz0DjNWHv1SMQtR31I9RhHk95F?yIFI4

1-4-0	6-4-13	10-5-4	14-2-8	21-7-12	29-1-0	35-7-8	39-5-4	43-11-0
1-4-0	6-4-13	4-0-8	3-9-4	7-5-4	7-5-4	6-6-8	3-9-12	4-5-12

Scale = 1:78.8



6-4-13	10-3-0	11-9-0	14-2-8	21-7-12	29-1-0	35-7-8	39-5-4	43-10-12	43-11-0
6-4-13	3-10-4	1-6-0	2-5-8	7-5-4	7-5-4	6-6-8	3-9-12	4-5-8	0-0-4

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:0-6-0,0-2-8], [6:0-2-8,Edge], [8:0-6-0,0-2-8], [16:0-4-12,0-2-4], [23:0-5-8,0-3-0], [25:0-3-8,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.81	Vert(LL)	-0.32	17-19	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.68	17-19	>769	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.75	Horz(CT)	0.33	11	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.20	17-19	>999	240	Weight: 286 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 5-6: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD	2x4 SP No.2 *Except* 18-23,16-18: 2x4 SP M 31 or 2x4 SP SS
WEBS	2x4 SP No.2 *Except* 10-11: 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 10-0-0 oc bracing. Except: 10-0-0 oc bracing: 14-16
WEBS	1 Row at midpt 6-16
JOINTS	1 Brace at Jt(s): 23

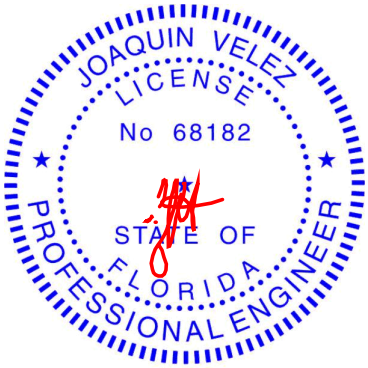
REACTIONS. (size) 2=0-4-0, 11=0-3-8
Max Horz 2=101(LC 11)
Max Uplift 2=-108(LC 12), 11=-71(LC 12)
Max Grav 2=1846(LC 1), 11=1751(LC 1)

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

TOP CHORD	2-3=-3399/212, 3-4=-4949/362, 4-5=-3663/290, 5-6=-3777/309, 6-7=-3342/287, 7-8=-3325/290, 8-9=-1884/190, 9-10=-1511/131, 10-11=-1705/152
BOT CHORD	2-25=-217/2943, 4-23=-56/1223, 20-23=-294/4389, 19-20=-294/4387, 17-19=-176/3270, 16-17=-201/3777, 7-16=-437/129, 12-13=-80/1303
WEBS	3-25=-1456/181, 23-25=-235/3233, 3-23=-71/1457, 4-19=-1414/147, 5-19=-10/930, 5-17=-39/778, 6-17=-276/121, 6-16=-578/35, 13-16=-83/1644, 8-16=-136/2189, 8-13=-835/90, 9-13=0/610, 9-12=-864/103, 10-12=-96/1580

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 14-2-8, Zone2 14-2-8 to 18-5-7, Zone1 18-5-7 to 35-7-8, Zone2 35-7-8 to 39-10-7, Zone1 39-10-7 to 43-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.



Joaquin Velez PE No.68182
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Date:

November 18,2025

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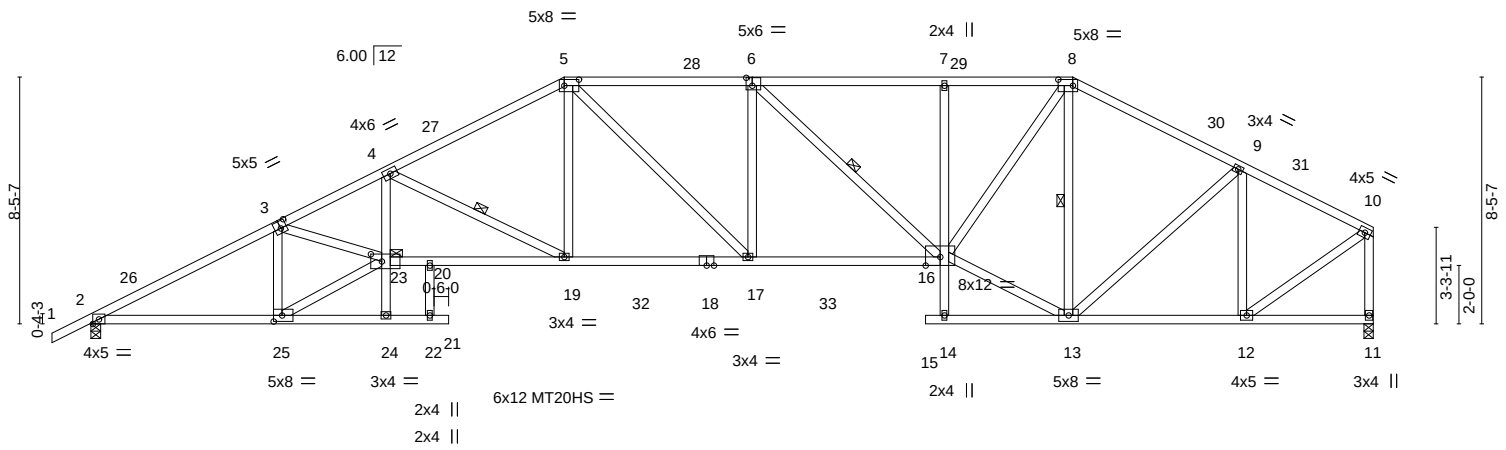
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A06	HIP	1	1	T39219956
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:13 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-QhufMfefmbfUz0DjNWHv1SMQ1R1XI8YhHk95F?yIFI4

1-4-0	6-4-13	10-3-0	16-2-8	22-7-12	29-1-0	33-7-8	39-5-3	43-11-0
1-4-0	6-4-13	3-10-4	5-11-8	6-5-4	6-5-4	4-6-8	5-9-11	4-5-13

Scale = 1:78.9



6-4-13	10-3-0	11-9-0	16-2-8	22-7-12	29-1-0	33-7-8	39-5-3	43-11-0
6-4-13	3-10-4	1-6-0	4-5-8	6-5-4	6-5-4	4-6-8	5-9-11	4-5-13

Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [5:0-6-0,0-2-8], [6:0-2-8,0-3-4], [8:0-6-0,0-2-8], [23:0-4-8,0-3-0], [25:0-3-8,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.80	Vert(LL)	-0.35	17-19	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	1.00	Vert(CT)	-0.64	17-19	>814	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.81	Horz(CT)	0.34	11	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.17	17-19	>999	240	Weight: 290 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
3-5: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD 2x4 SP No.2 *Except*
18-23,16-18: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2

BRACING-

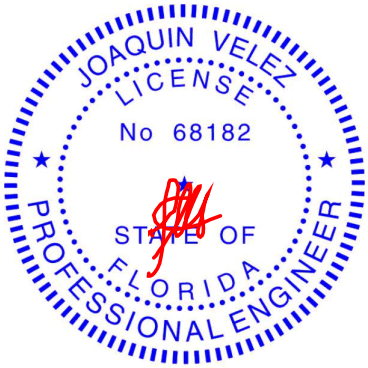
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
2-2-0 oc bracing: 2-25.
10-0-0 oc bracing: 14-16
WEBS 1 Row at midpt 4-19, 6-16, 8-13
JOINTS 1 Brace at Jt(s): 23

REACTIONS. (size) 2=0-4-0, 11=0-3-13
Max Horz 2=117(LC 11)
Max Uplift 2=-108(LC 12), 11=-71(LC 12)
Max Grav 2=2080(LC 17), 11=1945(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3856/214, 3-4=-5726/359, 4-5=-3775/277, 5-6=-3565/290, 6-7=-3107/270, 7-8=-3091/269, 8-9=-2179/205, 9-10=-1710/132, 10-11=-1882/148
BOT CHORD 2-25=-218/3434, 4-23=-24/1528, 20-23=-299/5180, 19-20=-300/5175, 17-19=-146/3381, 16-17=-157/3596, 7-16=-338/102, 12-13=-85/1492
WEBS 3-25=-1634/170, 23-25=-219/3770, 3-23=-73/1758, 4-19=-2030/171, 5-19=-0/1132, 5-17=-25/502, 6-16=-626/35, 13-16=-70/2034, 8-16=-110/2159, 8-13=-1045/87, 9-13=0/575, 9-12=-852/128, 10-12=-103/1806

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 16-2-8, Zone2 16-2-8 to 20-5-7, Zone1 20-5-7 to 33-7-8, Zone2 33-7-8 to 37-10-7, Zone1 37-10-7 to 43-9-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 11. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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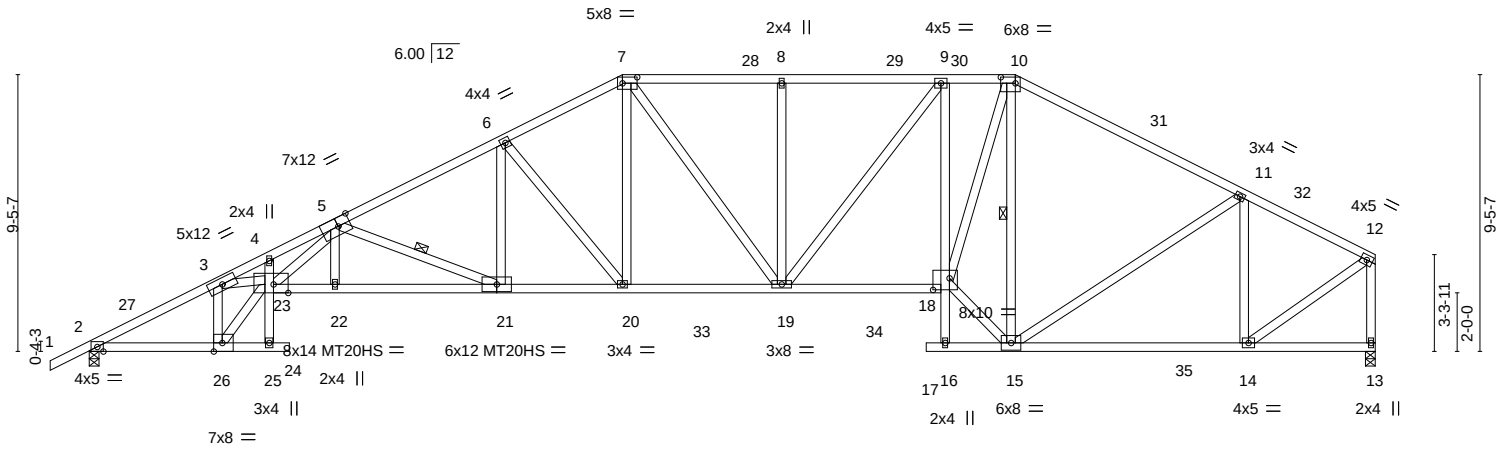
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A07	HIP	1	1	T39219957
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:14 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-utR1a?fHXvnLbAovxDp8agvavrPg1YRrWOvenSyIFI3

1-4-0	4-4-12	6-3-8	8-4-11	14-0-12	18-2-8	23-7-12	29-1-0	31-7-8	39-5-5	43-11-0
1-4-0	4-4-12	1-10-12	2-1-3	5-8-1	4-1-12	5-5-4	5-5-4	2-6-8	7-9-13	4-5-11

Scale = 1:78.7



4-4-12	6-3-8	8-4-11	14-0-12	18-2-8	23-7-12	29-1-0	31-7-8	39-5-5	43-11-0
4-4-12	1-10-12	2-1-3	5-8-1	4-1-12	5-5-4	5-5-4	2-6-8	7-9-13	4-5-11

Plate Offsets (X,Y)-- [5:0-5-0,Edge], [7:0-6-0,0-2-8], [10:0-6-0,0-2-8], [18:0-6-12,0-4-12], [23:0-6-0,Edge], [26:0-3-8,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.85	Vert(LL)	-0.52	21-22	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.88	Vert(CT)	-0.96	21-22	>543	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.59	13	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.26	24	>999	240	Weight: 305 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.2 *Except*
10-12,1-5: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD 2x4 SP No.2 *Except*
21-23: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2 *Except*
23-26,3-23: 2x4 SP M 31 or 2x4 SP SS

BRACING-

TOP CHORD Structural wood sheathing directly applied or 1-6-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
6-0-0 oc bracing: 16-18
10-0-0 oc bracing: 23-25
WEBS 1 Row at midpt 5-21, 10-15

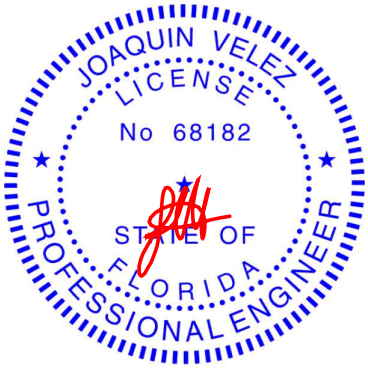
REACTIONS. (size) 2=0-4-0, 13=0-4-0
Max Horz 2=134(LC 11)
Max Uplift 2=-107(LC 12), 13=-71(LC 12)
Max Grav 2=2071(LC 17), 13=1979(LC 18)

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

TOP CHORD 2-3=-3881/204, 3-4=-9892/600, 4-5=-9738/604, 5-6=-4262/304, 6-7=-3344/287, 7-8=-3037/279, 8-9=-3036/279, 9-10=-2783/261, 10-11=-2244/213, 11-12=-1755/132, 12-13=-1936/143
BOT CHORD 2-26=-224/3473, 4-23=-18/308, 22-23=-370/6129, 21-22=-371/6123, 20-21=-202/3813, 19-20=-119/3009, 18-19=-107/2843, 9-18=-547/83, 14-15=-90/1554
WEBS 3-26=-3675/289, 23-26=-316/4920, 3-23=-314/5399, 5-23=-236/3821, 5-22=0/301, 5-21=-2489/182, 6-21=-6/1094, 6-20=-1279/129, 7-20=-46/1165, 7-19=-23/327, 8-19=-371/112, 9-19=-30/419, 15-18=-70/2685, 10-18=-123/2769, 10-15=-1921/123, 11-15=0/513, 11-14=-840/151, 12-14=-111/1896

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 18-2-8, Zone2 18-2-8 to 22-5-7, Zone1 22-5-7 to 31-7-8, Zone2 31-7-8 to 35-10-7, Zone1 35-10-7 to 43-9-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) The Fabrication Tolerance at joint 23 = 0%
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 13. This connection is for uplift only and does not consider lateral forces.



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

November 18,2025

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Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A08	HIP	1	1	T39219958
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:15 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-M3?PnLgwIDvCCKN5VxKN6tRqHEmVm7L_l2eBJuyIFl2

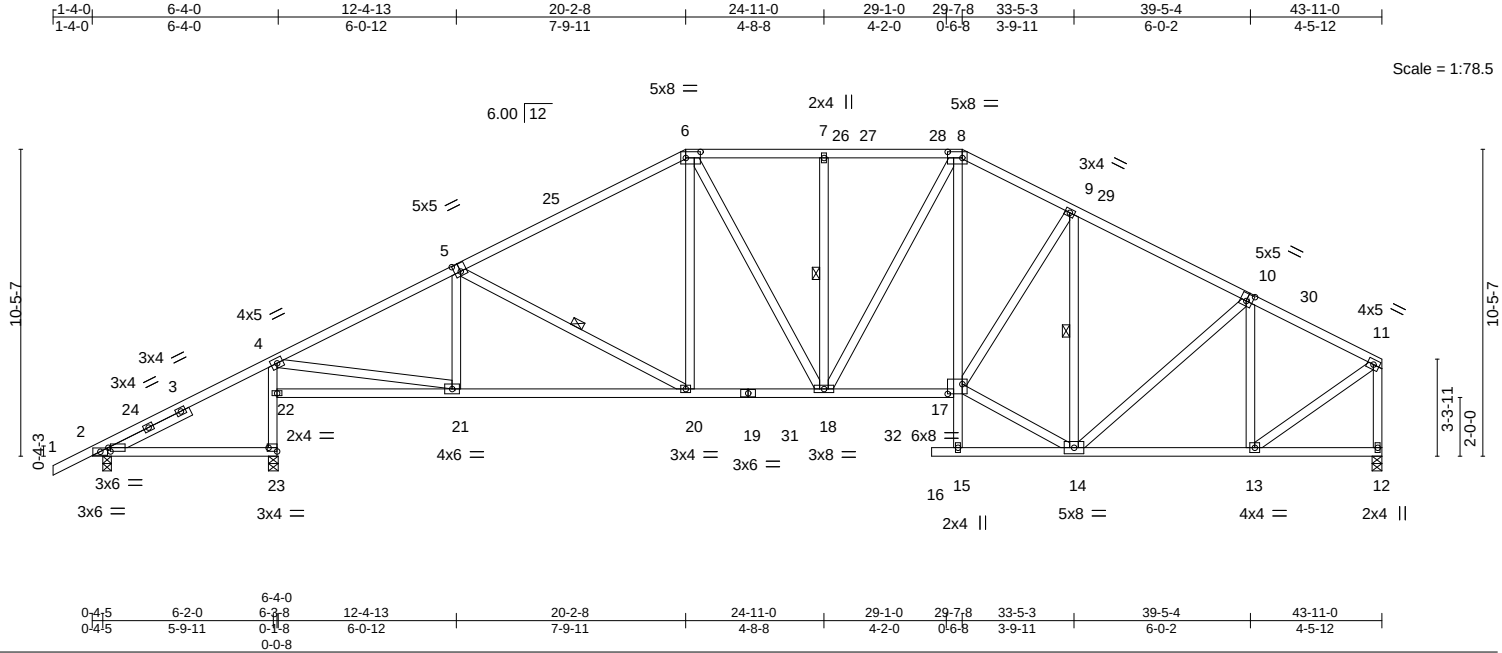


Plate Offsets (X,Y)-- [2:0-0-15,0-1-8], [5:0-2-8,0-3-4], [6:0-6-0,0-2-8], [8:0-6-0,0-2-8], [10:0-2-8,0-3-0], [17:0-6-0,0-4-0], [23:Edge,0-1-8]

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	0.56	Vert(LL)	-0.17	20-21	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.78	Vert(CT)	-0.33	20-21	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.11	12	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.06	16	>999	240	Weight: 300 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 5-6: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.2
SLIDER	Left 2x4 SP No.2 3-0-14

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-4-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 4-2-5 oc bracing: 22-23.
WEBS	1 Row at midpt 5-20, 7-18, 9-14

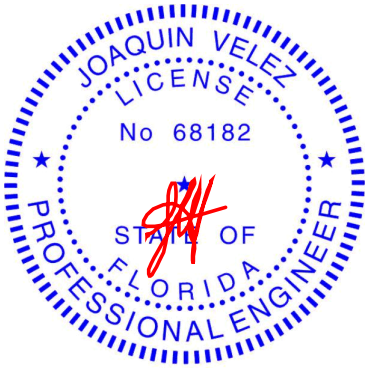
REACTIONS. (size) 2=0-3-8, 23=0-4-0, 12=0-4-0
Max Horz 2=150(LC 11)
Max Uplift 2=-83(LC 12), 23=-146(LC 12), 12=-58(LC 12)
Max Grav 2=304(LC 25), 23=2020(LC 17), 12=1704(LC 18)

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

TOP CHORD	4-5=-2429/165, 5-6=-2151/205, 6-7=-1970/227, 7-8=-1970/227, 8-9=-2186/226, 9-10=-1842/180, 10-11=-1483/113, 11-12=-1642/128
BOT CHORD	22-23=-1951/177, 4-22=-1854/206, 20-21=-106/2193, 18-20=-37/1901, 17-18=-34/1916, 13-14=-68/1298
WEBS	4-21=-112/2193, 5-20=-341/78, 6-20=0/426, 6-18=-24/353, 7-18=-312/87, 8-18=-22/265, 8-17=-19/694, 9-17=0/647, 9-14=-939/87, 10-14=0/404, 10-13=-705/115, 11-13=-77/1556, 14-17=-64/1786

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 20-2-8, Zone2 20-2-8 to 24-5-7, Zone1 24-5-7 to 29-7-8, Zone2 29-7-8 to 33-10-7, Zone1 33-10-7 to 43-9-4 zone; cantilever left and right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 23, and 12. This connection is for uplift only and does not consider lateral forces.



Joaquin Velez PE No.68182
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Date:

November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A09	HIP	1	1	T39219959
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:16 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-qGZn_hhY3W12qUyI2ercf5_?1e5kVaa7ziOlrKyIFI1

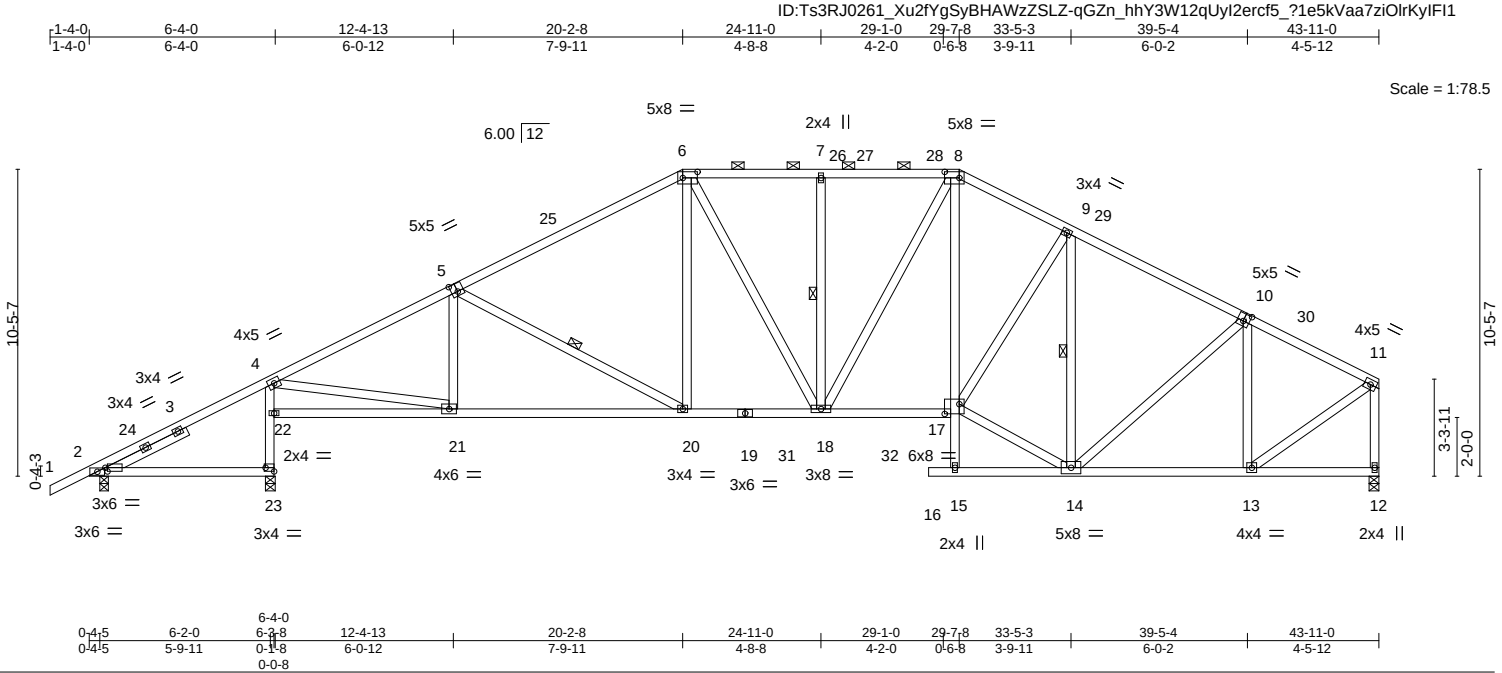


Plate Offsets (X,Y)-- [2:0-0-15,0-1-8], [5:0-2-8,0-3-4], [6:0-6-0,0-2-8], [8:0-6-0,0-2-8], [10:0-2-8,0-3-0], [17:0-6-0,0-4-0], [23:Edge,0-1-8]

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	0.56	Vert(LL)	-0.17	20-21	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.78	Vert(CT)	-0.33	20-21	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.47	Horz(CT)	0.11	12	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.06	16	>999	240	Weight: 300 lb	FT = 20%

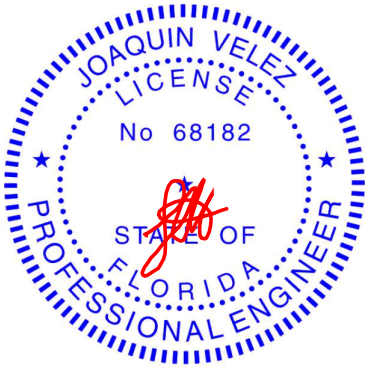
LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 5-6: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 3-0-14

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-8 oc purlins, except end verticals, and 2-0-0 oc purlins (4-0-1 max.): 6-8.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 4-1-15 oc bracing: 22-23.
WEBS 1 Row at midpt 5-20, 7-18, 9-14

REACTIONS. (size) 2=0-3-8, 23=0-4-0, 12=0-4-0
Max Horz 2=150(LC 11)
Max Uplift 2=-29(LC 12), 23=-97(LC 12), 12=-57(LC 12)
Max Grav 2=321(LC 18), 23=2057(LC 17), 12=1704(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-2432/160, 5-6=-2152/203, 6-7=-1971/225, 7-8=-1971/225, 8-9=-2187/225, 9-10=-1842/179, 10-11=-1484/113, 11-12=-1643/127
BOT CHORD 22-23=-1949/180, 4-22=-1852/209, 20-21=-102/2195, 18-20=-35/1902, 17-18=-33/1917, 13-14=-68/1298
WEBS 4-21=-130/2184, 5-20=-342/75, 6-20=0/427, 6-18=-24/353, 7-18=-312/87, 8-18=-22/265, 8-17=-19/694, 9-17=0/647, 9-14=-939/87, 10-14=0/404, 10-13=-706/115, 11-13=-77/1557, 14-17=-63/1786

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=5ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 20-2-8, Zone2 20-2-8 to 24-5-7, Zone1 24-5-7 to 29-7-8, Zone2 29-7-8 to 33-10-7, Zone1 33-10-7 to 43-9-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 23, and 12. This connection is for uplift only and does not consider lateral forces.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



Joaquin Velez PE No.68182
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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:
November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A10	PIGGYBACK BASE	1	1	T39219960
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:16 2025 Page 1
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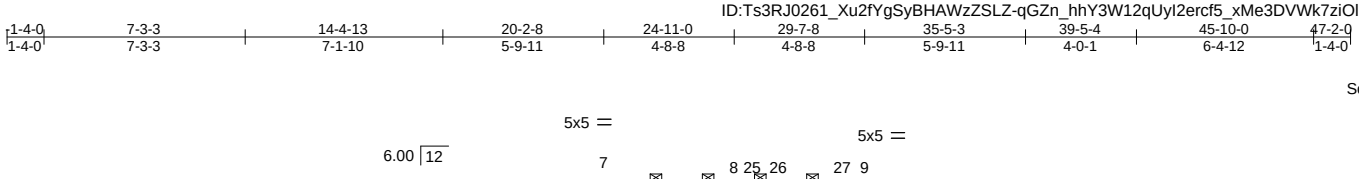

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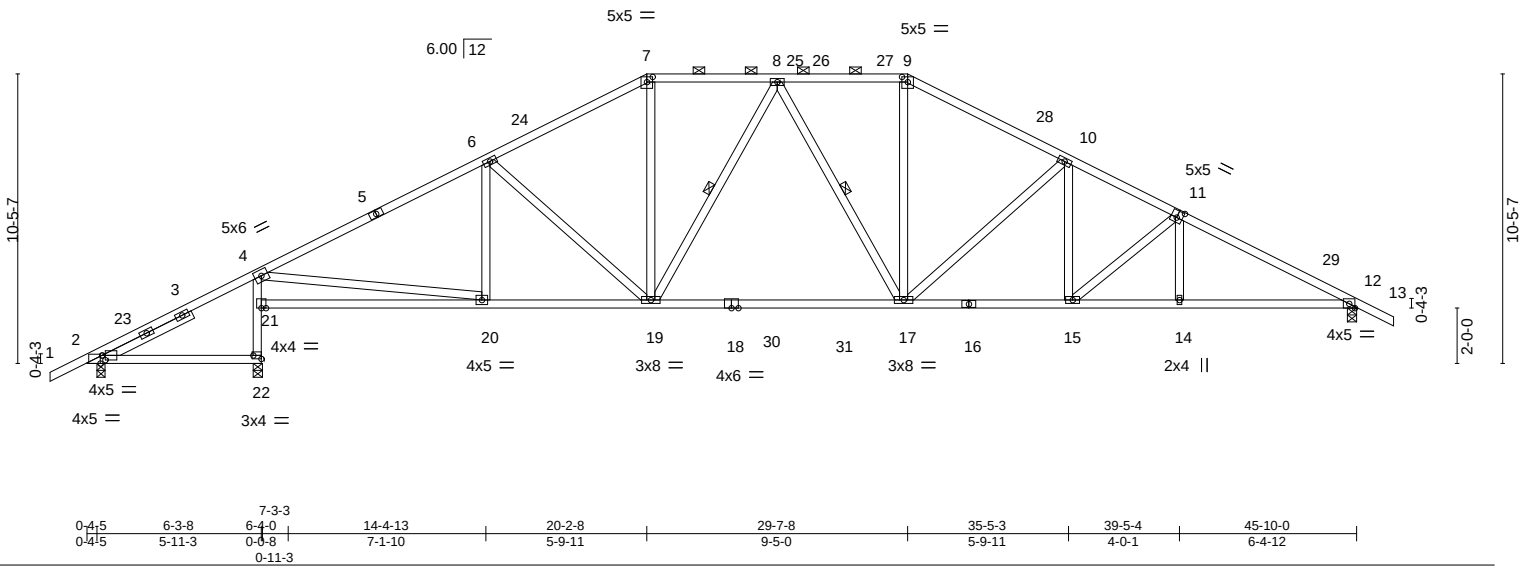


Plate Offsets (X,Y)-- [2:0-0-12,Edge], [2:0-1-7,0-2-0], [7:0-2-8,0-2-4], [9:0-2-8,0-2-4], [11:0-2-8,0-3-0], [22:Edge,0-1-8]

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	0.79	Vert(LL)	-0.34	17-19	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.94	Vert(CT)	-0.60	17-19	>789	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.12	12	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.09	17	>999	240	Weight: 268 lb	FT = 20%

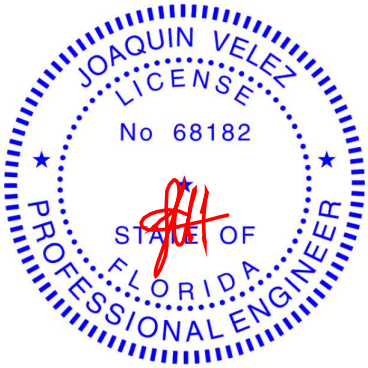
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
16-18: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2
SLIDER Left 2x4 SP No.2 3-7-2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (3-11-12 max.): 7-9.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 8-19, 8-17

REACTIONS. (size) 2=0-3-8, 22=0-4-0, 12=0-4-0
Max Horz 2=161(LC 11)
Max Uplift 2=-107(LC 12), 22=-127(LC 12), 12=-112(LC 12)
Max Grav 2=300(LC 23), 22=2093(LC 17), 12=1843(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-6=-2551/200, 6-7=-2254/233, 7-8=-1961/233, 8-9=-2100/239, 9-10=-2392/233, 10-11=-2908/244, 11-12=-3338/217
BOT CHORD 21-22=-2026/159, 4-21=-1879/206, 19-20=-66/2281, 17-19=-34/2117, 15-17=-95/2533, 14-15=-129/2888, 12-14=-129/2891
WEBS 4-20=-37/2074, 6-19=-368/88, 7-19=-16/750, 8-19=-390/61, 9-17=-4/772, 10-17=-664/108, 10-15=0/399, 11-15=-459/45

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 20-2-8, Zone2 20-2-8 to 24-5-7, Zone1 24-5-7 to 29-7-8, Zone2 29-7-8 to 33-10-7, Zone1 33-10-7 to 47-2-0 zone; cantilever left and right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 22, and 12. This connection is for uplift only and does not consider lateral forces.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A11	PIGGYBACK BASE	1	1	T39219961
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:17 2025 Page 1
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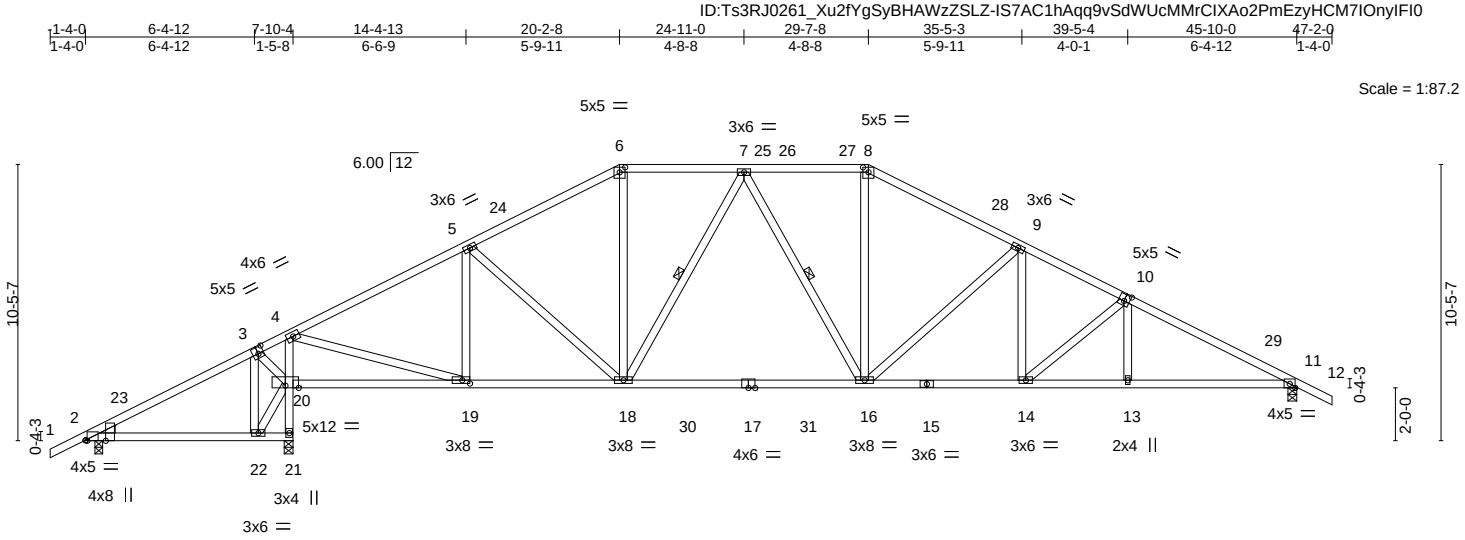


Plate Offsets (X,Y)-- [2:0-0-4,Edge], [2:0-0-12,Edge], [3:0-2-8,0-3-0], [6:0-2-8,0-2-4], [8:0-2-8,0-2-4], [10:0-2-8,0-3-0], [19:0-3-8,0-1-8]

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	0.56	Vert(LL)	-0.32	16-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.92	Vert(CT)	-0.56	16-18	>815	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.10	11	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.08	14-16	>999	240	Weight: 273 lb	FT = 20%

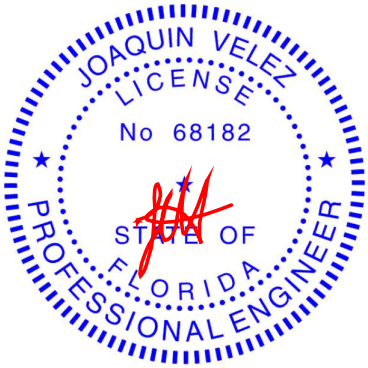
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2 *Except*
15-17: 2x4 SP M 31 or 2x4 SP SS
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-9-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-18, 7-16

REACTIONS. (size) 2=0-3-8, 21=0-4-0, 11=0-4-0
Max Horz 2=161(LC 11)
Max Uplift 2=-116(LC 12), 21=-149(LC 12), 11=-108(LC 12)
Max Grav 2=275(LC 23), 21=2219(LC 17), 11=1751(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-31/333, 3-4=-20/691, 4-5=-1870/160, 5-6=-1928/207, 6-7=-1669/212, 7-8=-1916/226, 8-9=-2188/218, 9-10=-2705/229, 10-11=-3137/202
BOT CHORD 20-21=-2280/261, 4-20=-1870/142, 19-20=-551/78, 18-19=-25/1690, 16-18=-16/1875, 14-16=-81/2352, 13-14=-116/2707, 11-13=-115/2712
WEBS 3-22=-61/437, 20-22=-296/0, 3-20=-659/175, 4-19=-107/2231, 5-19=-431/104, 6-18=0/601, 7-18=-464/69, 8-16=0/679, 9-16=-665/108, 9-14=0/402, 10-14=-463/46

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 20-2-8, Zone2 20-2-8 to 24-5-7, Zone1 24-5-7 to 29-7-8, Zone2 29-7-8 to 33-10-7, Zone1 33-10-7 to 47-2-0 zone; cantilever left and right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 21, and 11. This connection is for uplift only and does not consider lateral forces.



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

November 18,2025

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

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A12	PIGGYBACK BASE	4	1	T39219962
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:18 2025 Page 1
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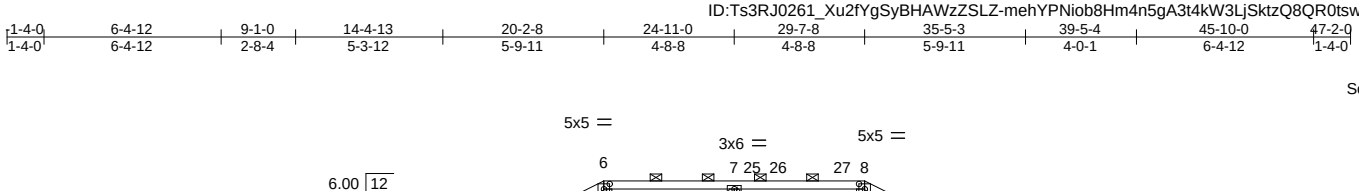

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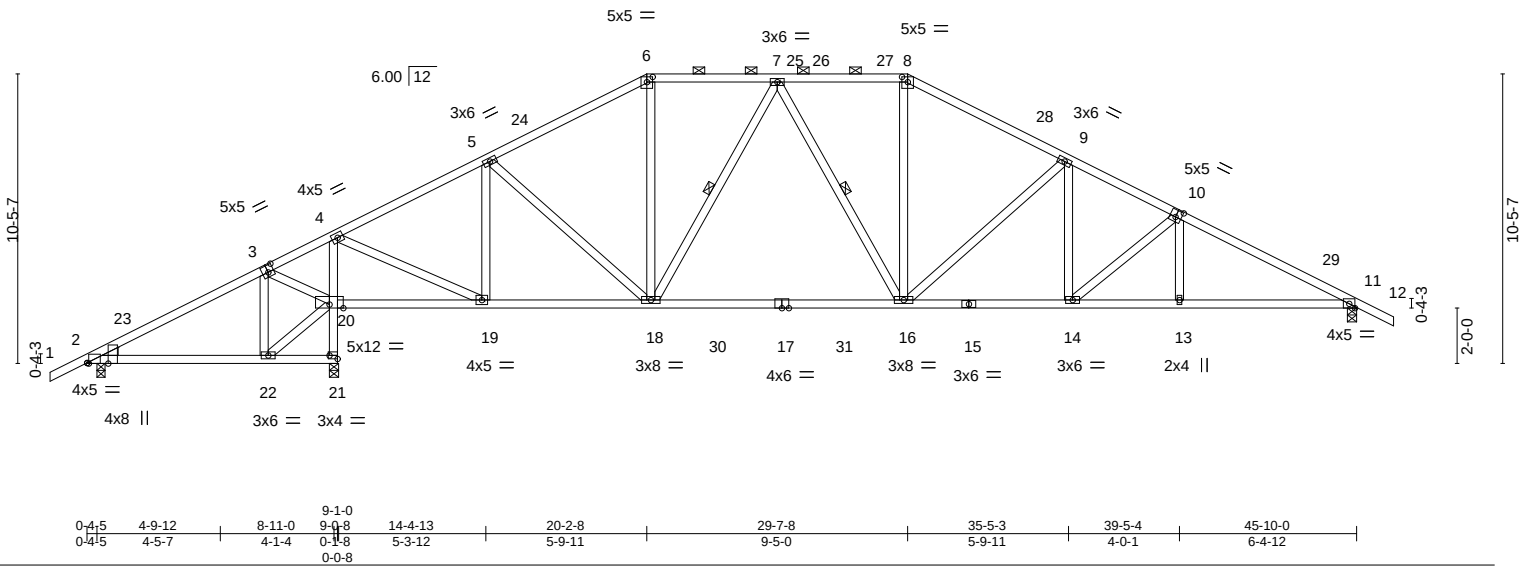


Plate Offsets (X,Y)-- [2:0-0-4,Edge], [2:0-0-12,Edge], [3:0-2-8,0-3-0], [6:0-2-8,0-2-4], [8:0-2-8,0-2-4], [10:0-2-8,0-3-0], [21:Edge,0-1-8]

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	0.55	Vert(LL)	-0.32	16-18	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.56	16-18	>790	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.09	11	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.07	14-16	>999	240	Weight: 275 lb	FT = 20%

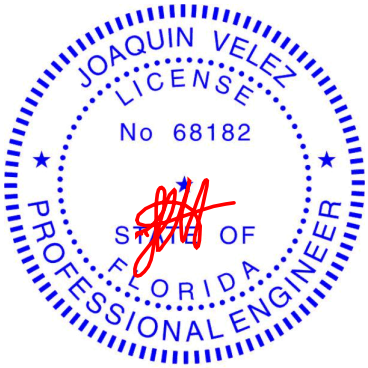
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-13 oc purlins, except
2-0-0 oc purlins (4-4-6 max.): 6-8.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 1 Row at midpt 7-18, 7-16

REACTIONS. (size) 2=0-3-8, 21=0-4-0, 11=0-4-0
Max Horz 2=161(LC 11)
Max Uplift 2=-125(LC 12), 21=-163(LC 12), 11=-105(LC 12)
Max Grav 2=277(LC 23), 21=2291(LC 17), 11=1679(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/367, 3-4=-54/941, 4-5=-1350/130, 5-6=-1676/189, 6-7=-1443/196, 7-8=-1771/216, 8-9=-2027/207, 9-10=-2549/218, 10-11=-2982/191
BOT CHORD 20-21=-2304/253, 4-20=-2024/164, 19-20=-807/116, 18-19=0/1235, 16-18=-3/1686, 14-16=-71/2211, 13-14=-107/2569, 11-13=-105/2574
WEBS 3-22=-42/379, 20-22=-297/0, 3-20=-713/192, 4-19=-120/2125, 5-19=-703/113, 5-18=0/439, 6-18=0/487, 7-18=-523/75, 8-16=0/606, 9-16=-669/107, 9-14=0/407, 10-14=-466/46

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 20-2-8, Zone2 20-2-8 to 24-5-7, Zone1 24-5-7 to 29-7-8, Zone2 29-7-8 to 33-10-7, Zone1 33-10-7 to 47-2-0 zone; cantilever left and right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 21, and 11. This connection is for uplift only and does not consider lateral forces.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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Date:

November 18,2025

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314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A13	HIP	1	1	T39219963
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:18 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-mehYPNiob8Hm4n5gA3t4kW3KySmWzUEQR0tswDyIFI?

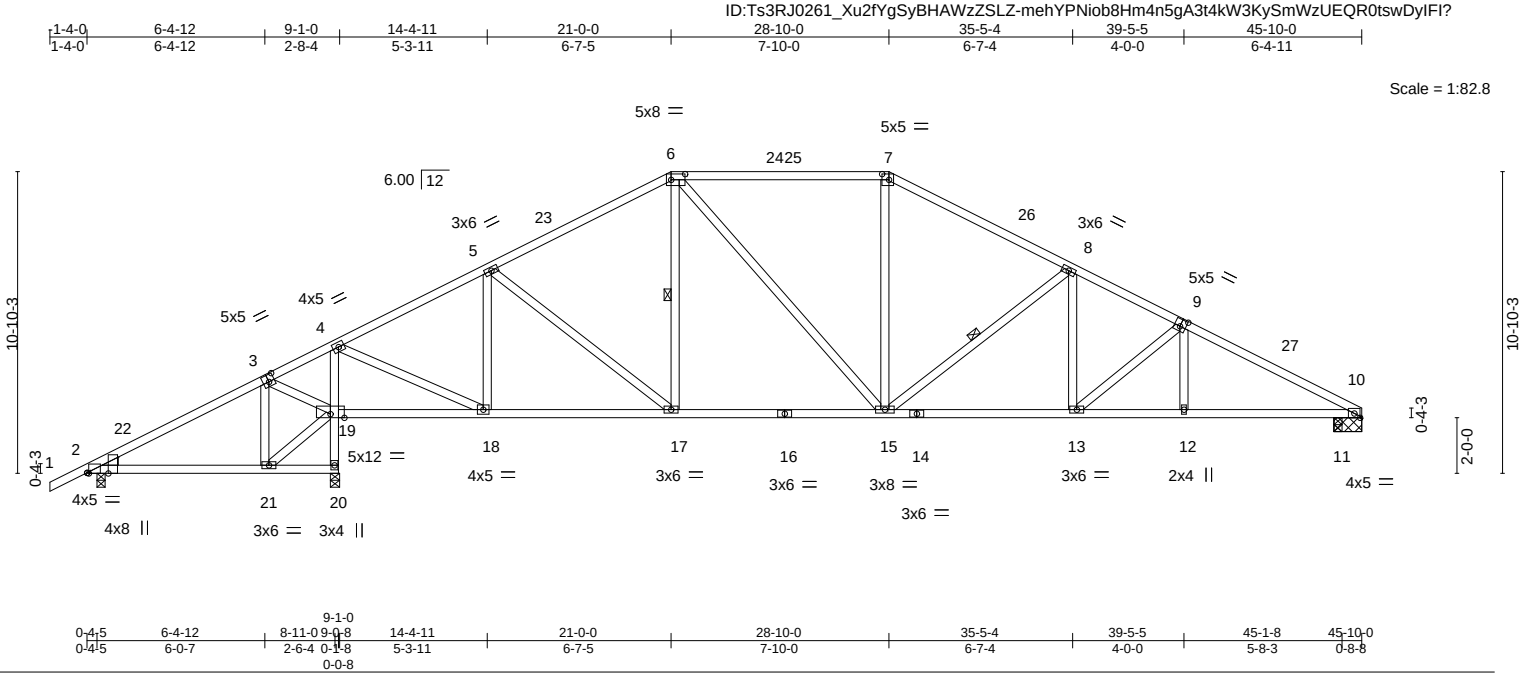


Plate Offsets (X,Y)-- [2:0-0-4,Edge], [2:0-0-12,Edge], [3:0-2-8,0-3-0], [6:0-6-0,0-2-8], [7:0-3-0,0-2-8], [9:0-2-8,0-3-0]

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	0.59	Vert(LL)	-0.18	15-17	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.88	Vert(CT)	-0.32	15-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.08	10	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.06	13	>999	240	Weight: 265 lb	FT = 20%

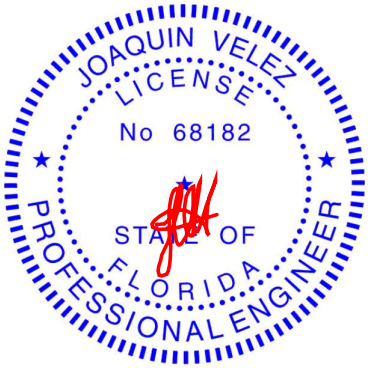
LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
6-7: 2x4 SP M 31 or 2x4 SP SS
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-1-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 3-10-14 oc bracing.
WEBS 1 Row at midpt 6-17, 8-15

REACTIONS. All bearings 0-3-8 except (jt=length) 20=0-4-0, 10=1-0-0.
(lb) - Max Horz 2=165(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 10 except 2=-118(LC 12), 20=-171(LC 12)
Max Grav All reactions 250 lb or less at joint(s) except 2=295(LC 23), 20=2244(LC 17), 10=761(LC 18), 11=840(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-52/318, 3-4=-58/856, 4-5=-1375/129, 5-6=-1661/196, 6-7=-1653/223, 7-8=-1904/211, 8-9=-2462/217, 9-10=-2767/197
BOT CHORD 19-20=-2256/261, 4-19=-1969/160, 18-19=-728/99, 17-18=-17/1257, 15-17=0/1467, 13-15=-84/2142, 12-13=-120/2362, 11-12=-119/2364, 10-11=-119/2364
WEBS 3-21=-33/342, 3-19=-676/183, 4-18=-124/2073, 5-18=-642/127, 5-17=0/377, 6-15=-31/400, 7-15=0/446, 8-15=-694/104, 8-13=0/380, 9-13=-286/58

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 21-0-0, Zone2 21-0-0 to 25-2-15, Zone1 25-2-15 to 28-10-0, Zone2 28-10-0 to 33-0-15, Zone1 33-0-15 to 45-6-0 zone; cantilever left and right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 20, and 10. This connection is for uplift only and does not consider lateral forces.



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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 18,2025

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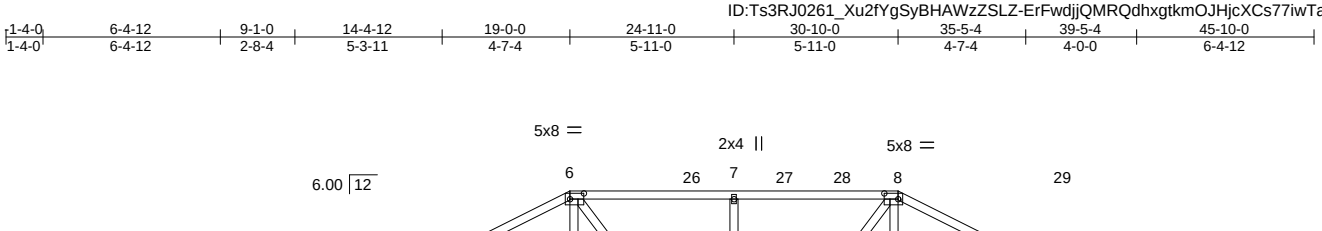
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A14	HIP	1	1	T39219964
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:19 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-ErFwdjjQMRQdhxgtkmOJHjcXCs77iwTafgcPSfyIFI_



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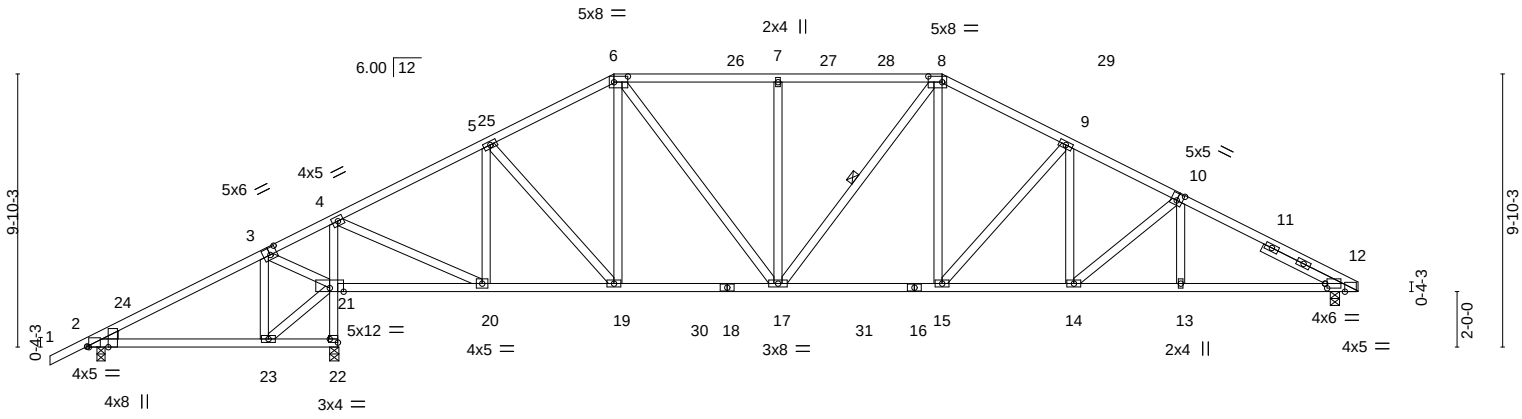


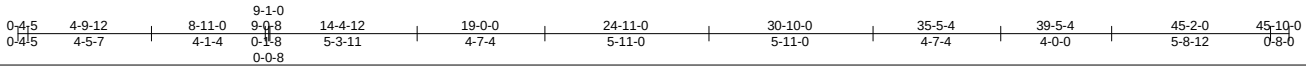


Plate Offsets (X,Y)-- [2:0-0-12,Edge], [2:0-0-4,Edge], [3:0-3-0,0-3-0], [6:0-6-0,0-2-8], [8:0-6-0,0-2-8], [10:0-2-8,0-3-0], [12:0-0-15,0-2-0], [12:0-8-9,Edge], [22:Edge,0-1-8]

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	0.50	Vert(LL)	-0.15	15-17	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.80	Vert(CT)	-0.28	15-17	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.53	Horz(CT)	0.09	12	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.07	15	>999	240	Weight: 284 lb	FT = 20%

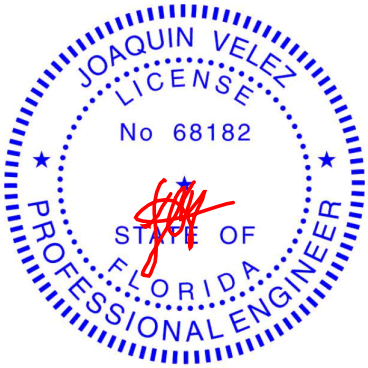
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2
SLIDER Right 2x4 SP No.2 3-2-5

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-2-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 3-10-4 oc bracing.
WEBS 1 Row at midpt 8-17

REACTIONS. (size) 2=0-3-8, 22=0-4-0, 12=0-4-0
Max Horz 2=149(LC 11)
Max Uplift 2=-117(LC 12), 22=-173(LC 12), 12=-61(LC 12)
Max Grav 2=279(LC 23), 22=2284(LC 17), 12=1607(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/332, 3-4=-64/898, 4-5=-1377/126, 5-6=-1657/189, 6-7=-1870/220, 7-8=-1870/220, 8-9=-2132/218, 9-10=-2572/220, 10-12=-2979/201
BOT CHORD 21-22=-2296/263, 4-21=-2025/172, 20-21=-759/101, 19-20=-12/1241, 17-19=0/1475, 15-17=-21/1836, 14-15=-82/2234, 13-14=-123/2584, 12-13=-122/2589
WEBS 3-23=-35/358, 21-23=-257/0, 3-21=-694/182, 4-20=-119/2097, 5-20=-682/114, 5-19=0/441, 6-17=-55/735, 7-17=-404/117, 8-15=-2/685, 9-15=-616/91, 9-14=0/415, 10-14=-456/65

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 19-0-0, Zone2 19-0-0 to 23-2-15, Zone1 23-2-15 to 30-10-0, Zone2 30-10-0 to 35-0-15, Zone1 35-0-15 to 45-8-0 zone; cantilever left and right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 22, and 12. This connection is for uplift only and does not consider lateral forces.



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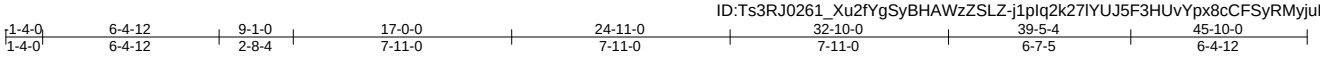
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A15	HIP	1	1	T39219965
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:20 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-j1pIq2k27IYUJ5F3HUvYpx8cCFSyRMyjuKMyz5yIFHz



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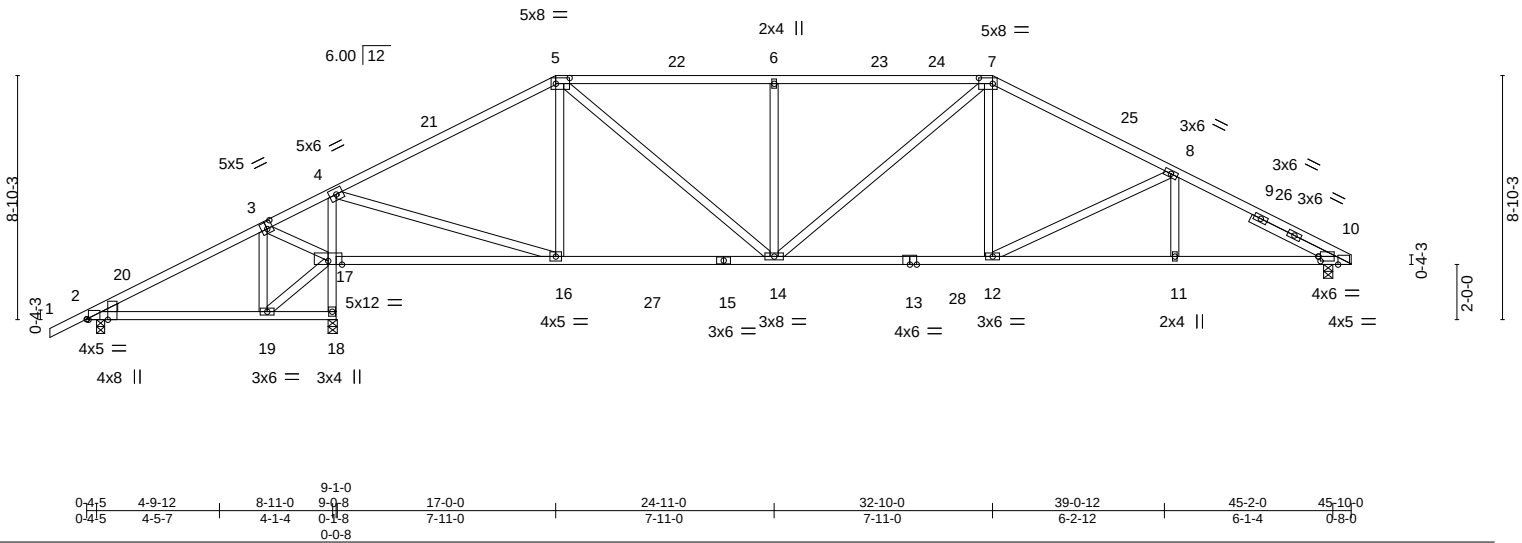


Plate Offsets (X,Y)-- [2:0-0-4,Edge], [2:0-0-12,Edge], [3:0-2-8,0-3-0], [5:0-6-0,0-2-8], [7:0-6-0,0-2-8], [10:0-0-15,0-2-0], [10:0-8-9,Edge]

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	0.87	Vert(LL)	-0.21	12-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.89	Vert(CT)	-0.39	12-14	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.09	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.08	12-14	>999	240	Weight: 253 lb	FT = 20%

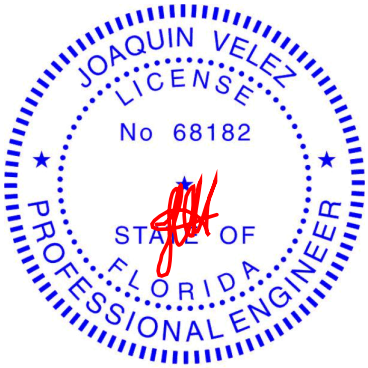
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2
SLIDER Right 2x4 SP No.2 3-4-13

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 3-10-12 oc bracing.

REACTIONS. (size) 2=0-3-8, 18=0-4-0, 10=0-4-0
Max Horz 2=132(LC 11)
Max Uplift 2=-115(LC 12), 18=-175(LC 12), 10=-60(LC 12)
Max Grav 2=307(LC 23), 18=2232(LC 17), 10=1622(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-60/683, 4-5=-1744/150, 5-6=-2222/223, 6-7=-2222/223, 7-8=-2406/205, 8-10=-3041/204
BOT CHORD 17-18=-2244/265, 4-17=-1928/208, 16-17=-500/73, 14-16=0/1505, 12-14=-40/2065, 11-12=-134/2651, 10-11=-134/2651
WEBS 3-19=-48/290, 3-17=-552/160, 4-16=-70/2008, 5-16=-344/123, 5-14=-76/1001, 6-14=-540/148, 7-14=-16/340, 7-12=0/590, 8-12=-664/103, 8-11=0/263

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 17-0-0, Zone2 17-0-0 to 21-2-15, Zone1 21-2-15 to 32-10-0, Zone2 32-10-0 to 37-0-15, Zone1 37-0-15 to 45-8-0 zone; cantilever left and right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 18, and 10. This connection is for uplift only and does not consider lateral forces.



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

November 18,2025

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Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A16	HIP	1	1	T39219966
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:21 2025 Page 1
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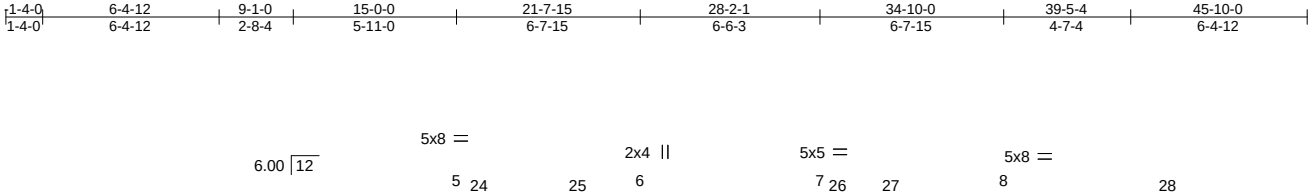

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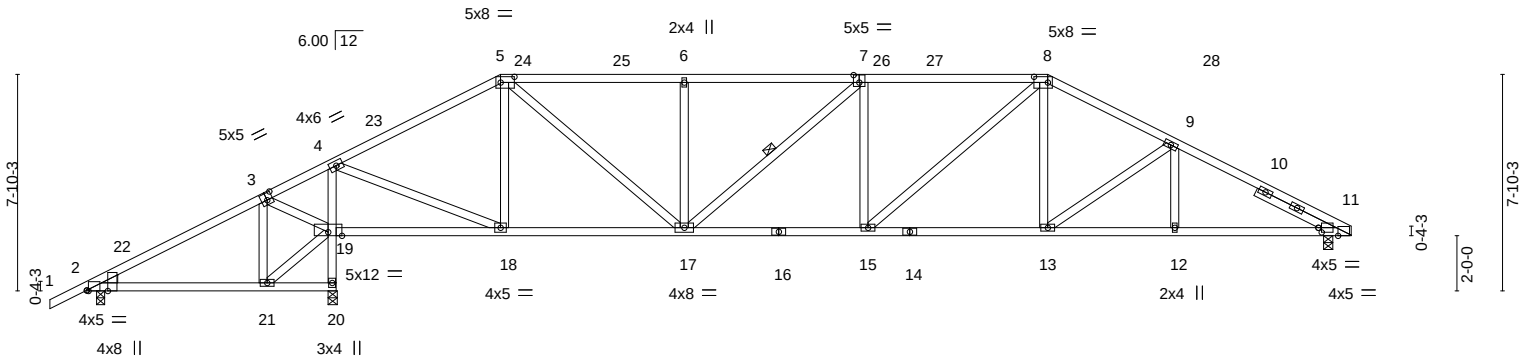


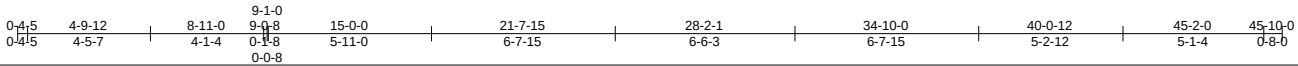


Plate Offsets (X,Y)-- [2:0-0-4,Edge], [2:0-0-12,Edge], [3:0-2-8,0-3-0], [5:0-6-0,0-2-8], [7:0-2-8,0-3-4], [8:0-6-0,0-2-8], [11:0-1-7,0-2-0], [11:0-8-9,Edge]

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	0.65	Vert(LL)	-0.14	15	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.65	Vert(CT)	-0.31	13-15	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.09	11	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.09	15	>999	240	Weight: 257 lb	FT = 20%

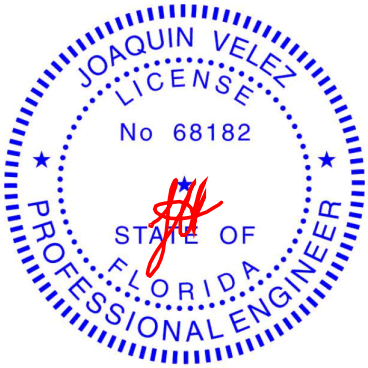
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2
WEDGE
Left: 2x4 SP No.2
SLIDER Right 2x4 SP No.2 3-2-5

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 4-0-1 oc bracing.
WEBS 1 Row at midpt 7-17

REACTIONS. (size) 2=0-3-8, 20=0-4-0, 11=0-4-0
Max Horz 2=116(LC 11)
Max Uplift 2=-114(LC 12), 20=-177(LC 12), 11=-60(LC 12)
Max Grav 2=216(LC 23), 20=2127(LC 1), 11=1410(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/378, 3-4=-79/991, 4-5=-1281/125, 5-6=-1998/205, 6-7=-1997/206, 7-8=-2293/227, 8-9=-2220/209, 9-11=-2634/199
BOT CHORD 2-21=-305/0, 19-20=-2140/270, 4-19=-1952/191, 18-19=-819/109, 17-18=0/1050, 15-17=-81/2292, 13-15=-58/1936, 12-13=-126/2283, 11-12=-126/2283
WEBS 3-21=-46/373, 19-21=-378/0, 3-19=-715/182, 4-18=-106/2028, 5-18=-609/120, 5-17=-92/1265, 6-17=-418/120, 7-17=-407/36, 8-15=-30/576, 8-13=0/399, 9-13=-432/82

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 15-0-0, Zone2 15-0-0 to 19-2-15, Zone1 19-2-15 to 34-10-0, Zone2 34-10-0 to 39-0-15, Zone1 39-0-15 to 45-8-0 zone; cantilever left and right exposed ; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are 3x6 MT20 unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 20, and 11. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A17	HIP	1	1	T39219967
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:21 2025 Page 1
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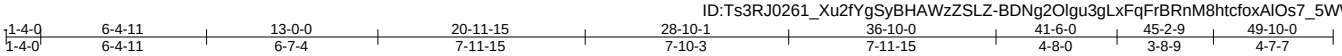

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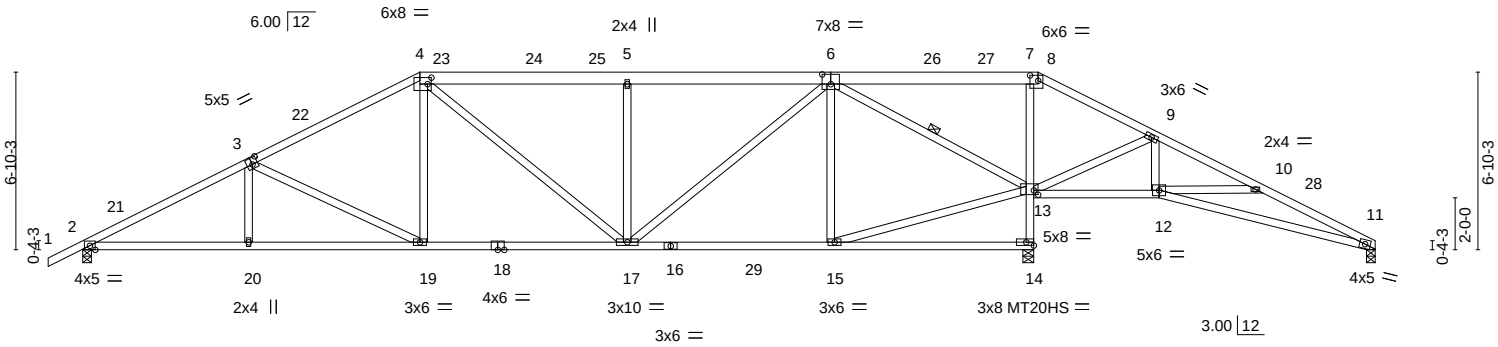


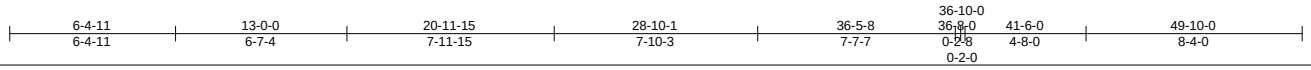


Plate Offsets (X,Y)-- [3:0-2-8,0-3-0], [4:0-1-12,0-3-0], [6:0-4-0,0-4-8], [8:0-3-12,0-2-7], [13:0-2-0,0-2-0]

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	0.50	Vert(LL)	-0.19	17-19	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.35	17-19	>999	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.09	14	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.06	19	>999	240	Weight: 297 lb	FT = 20%

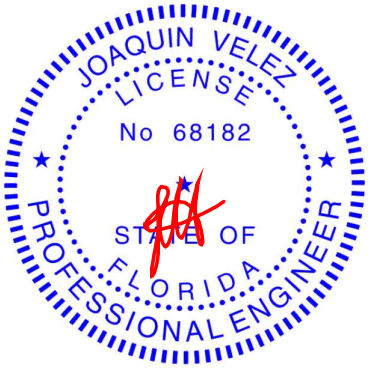
LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 4-6,6-8: 2x6 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 3-6-8 oc bracing.
WEBS 1 Row at midpt 6-13

REACTIONS. (size) 11=0-4-0, 2=0-4-0, 14=0-5-0
Max Horz 2=116(LC 11)
Max Uplift 11=-8(LC 12), 2=-101(LC 12), 14=-105(LC 12)
Max Grav 11=219(LC 18), 2=1591(LC 17), 14=2697(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2817/180, 3-4=-2162/182, 4-5=-1915/194, 5-6=-1914/193, 6-7=-7/1030, 7-8=-0/876, 8-9=-51/1202, 9-10=-77/665, 10-11=-153/419
BOT CHORD 2-20=-114/2517, 19-20=-116/2511, 17-19=-25/1931, 15-17=0/1081, 13-14=-2581/207, 7-13=-864/134, 12-13=-582/146, 11-12=-371/132
WEBS 3-20=0/271, 3-19=-662/100, 4-19=0/588, 5-17=-529/146, 6-17=-72/1154, 13-15=0/1088, 6-13=-2333/169, 9-13=-603/61, 9-12=0/281, 10-12=-525/177

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 13-0-0, Zone2 13-0-0 to 17-2-15, Zone1 17-2-15 to 36-10-0, Zone2 36-10-0 to 41-4-4, Zone1 41-4-4 to 49-8-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 11, 2, and 14. This connection is for uplift only and does not consider lateral forces.



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

November 18,2025

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Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A18	HIP	1	1	T39219968
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:22 2025 Page 1
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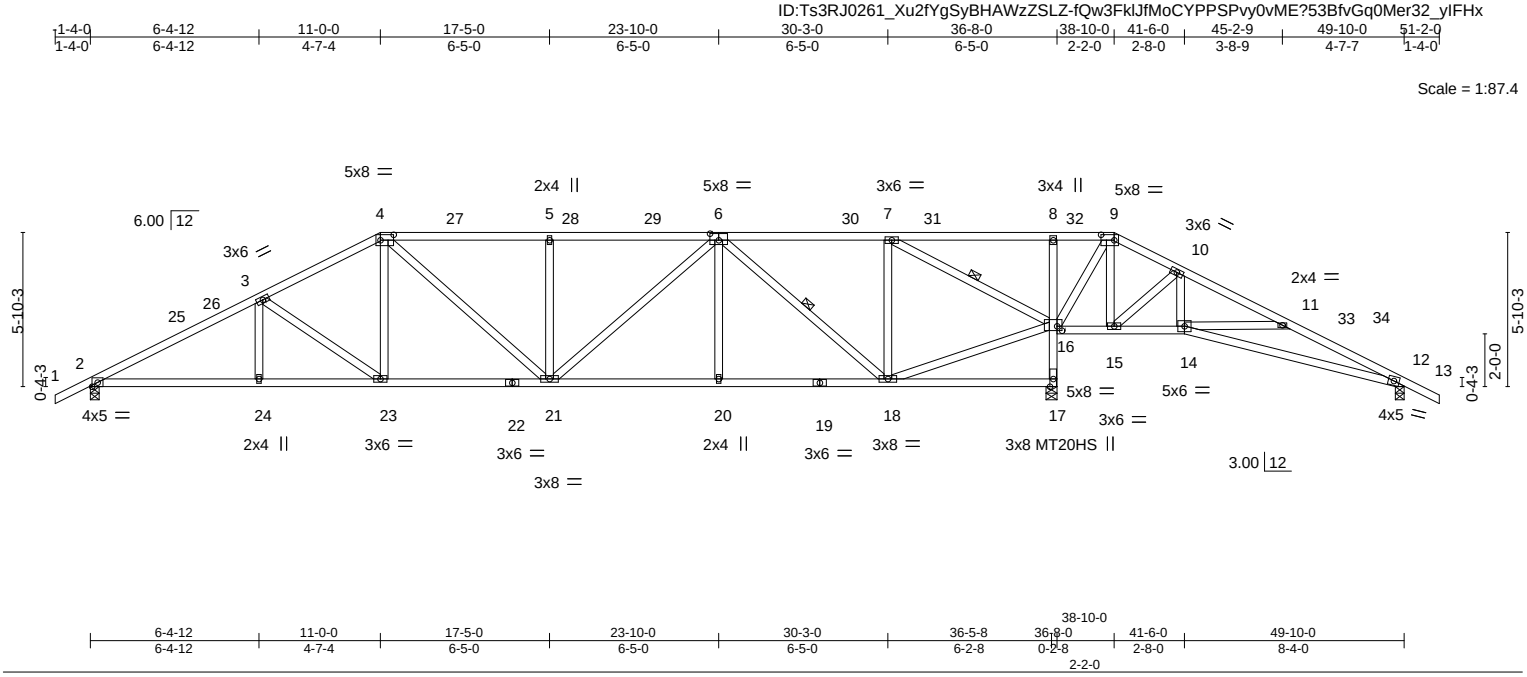


Plate Offsets (X,Y)-- [4:0-6-0,0-2-8], [6:0-4-0,0-3-0], [9:0-6-0,0-2-8], [16:0-2-4,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.15	12-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.31	12-14	>514	240	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.09	17	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.08	21	>999	240	Weight: 288 lb	FT = 20%

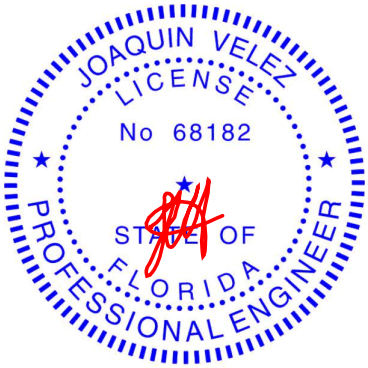
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-9-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 3-8-7 oc bracing.
WEBS 1 Row at midpt 6-18, 7-16

REACTIONS. (size) 2=0-4-0, 17=0-5-0, 12=0-4-0
Max Horz 2=117(LC 11)
Max Uplift 2=-105(LC 12), 17=-90(LC 12), 12=-62(LC 12)
Max Grav 2=1442(LC 23), 17=2460(LC 1), 12=286(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2525/212, 3-4=-2081/211, 4-5=-2096/229, 5-6=-2096/229, 6-7=-843/141, 7-8=-46/1258, 8-9=-51/1274, 9-10=-39/939, 10-11=-74/723, 11-12=-94/480
BOT CHORD 2-24=-119/2169, 23-24=-119/2169, 21-23=-37/1806, 20-21=-24/1759, 18-20=-24/1759, 16-17=-2404/205, 8-16=-325/111, 15-16=-817/186, 14-15=-636/170, 12-14=-427/85
WEBS 3-23=-460/99, 4-23=0/401, 4-21=-33/458, 5-21=-415/135, 6-21=-52/484, 6-20=0/250, 6-18=-1251/91, 7-18=0/727, 16-18=0/887, 7-16=-2257/193, 9-16=-835/62, 9-15=-18/253, 10-15=-377/53, 10-14=0/256, 11-14=-516/180

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=50ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 3-7-13, Zone1 3-7-13 to 11-0-0, Zone2 11-0-0 to 18-0-9, Zone1 18-0-9 to 38-10-0, Zone2 38-10-0 to 45-10-9, Zone1 45-10-9 to 51-2-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
9) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 17, and 12. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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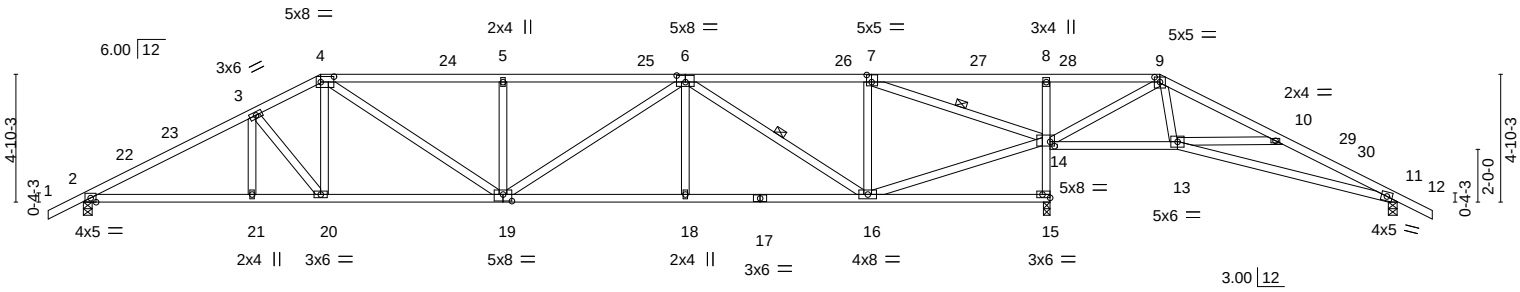
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A19	HIP	1	1	T39219969
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:23 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-7cURT4mxQgw3AY_ezcTFRZm8mTWdeh39aHacaQyIFHw

1-4-0	6-4-12	9-0-0	15-11-0	22-10-0	29-9-0	36-8-0	40-10-0	45-2-9	49-10-0	51-2-0
1-4-0	6-4-12	2-7-4	6-11-0	6-11-0	6-11-0	6-11-0	4-2-0	4-4-9	4-7-7	1-4-0

Scale = 1:87.4



6-4-12	9-0-0	15-11-0	22-10-0	29-9-0	36-6-8	36-8-0	41-6-0	49-10-0
6-4-12	2-7-4	6-11-0	6-11-0	6-11-0	6-9-8	0-1-8	4-10-0	8-4-0

Plate Offsets (X,Y)-- [4:0-6-0,0-2-8], [6:0-4-0,0-3-0], [7:0-2-4,0-3-4], [9:0-2-8,0-2-4], [14:0-2-0,0-2-0], [15:Edge,0-1-8], [19:0-4-0,0-3-0]

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	0.78	Vert(LL)	-0.18	18-19	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.70	Vert(CT)	-0.39	18-19	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.11	15	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.11	18-19	>999	240	Weight: 270 lb	FT = 20%

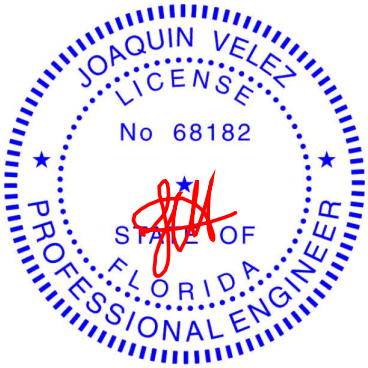
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 3-8-9 oc bracing.
WEBS 1 Row at midpt 6-16, 7-14

REACTIONS. (size) 2=0-4-0, 15=0-3-0, 11=0-4-0
Max Horz 2=98(LC 11)
Max Uplift 2=-105(LC 12), 15=-90(LC 12), 11=-63(LC 12)
Max Grav 2=1449(LC 23), 15=2395(LC 1), 11=325(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2533/206, 3-4=-2239/221, 4-5=-2579/252, 5-6=-2579/252, 6-7=-1187/142, 7-8=-74/1481, 8-9=-85/1509, 9-10=-69/573, 10-11=-274/327
BOT CHORD 2-21=-111/2174, 20-21=-111/2174, 19-20=-61/1970, 18-19=-70/2300, 16-18=-70/2300, 14-15=-2334/195, 8-14=-365/117, 13-14=-518/154, 11-13=-288/234
WEBS 3-20=-346/91, 4-20=-14/370, 4-19=-56/785, 5-19=-442/142, 6-19=-45/361, 6-18=0/269, 6-16=-1359/98, 7-16=0/608, 14-16=-7/1228, 7-14=-2737/222, 9-14=-1224/93, 9-13=0/306, 10-13=-558/229

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=50ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 3-7-13, Zone1 3-7-13 to 9-0-0, Zone2 9-0-0 to 15-11-0, Zone1 15-11-0 to 40-10-0, Zone2 40-10-0 to 47-10-9, Zone1 47-10-9 to 51-2-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 15, and 11. This connection is for uplift only and does not consider lateral forces.



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

November 18,2025

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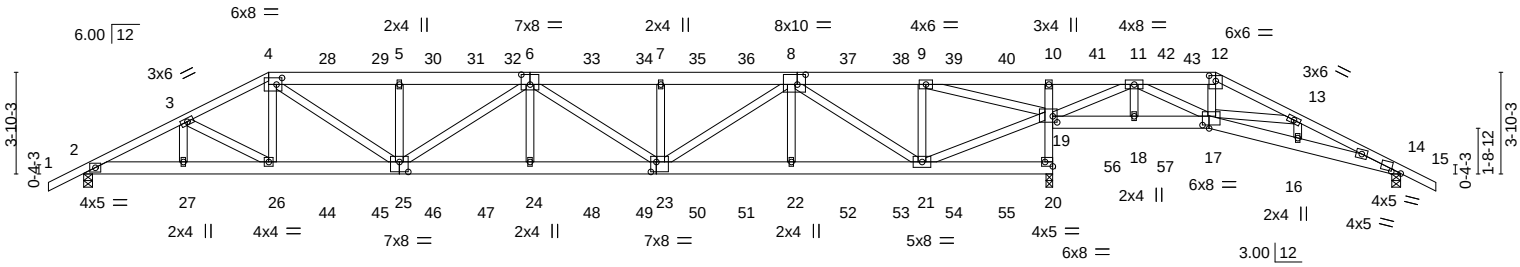
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	A20	HIP GIRDER	1	2	T39219970
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:25 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-3?cBtmoBxHAnPs8041VjW_sW0GCM6b_S2b3jfJyIFHu

1-4-0	3-9-4	7-0-0	11-11-5	16-10-11	21-10-0	26-9-5	31-8-11	36-8-0	39-9-0	42-10-0	45-11-5	49-10-0	51-2-0
1-4-0	3-9-4	3-2-12	4-11-5	4-11-5	4-11-5	4-11-5	4-11-5	4-11-5	3-1-0	3-1-0	3-1-5	3-10-11	1-4-0

Scale = 1:87.2



3-9-4	7-0-0	11-11-5	16-10-11	21-10-0	26-9-5	31-8-11	36-6-8	36-8-0	39-9-0	42-7-0	45-11-5	49-10-0
3-9-4	3-2-12	4-11-5	4-11-5	4-11-5	4-11-5	4-11-5	4-9-13	0-1-8	3-1-0	2-10-0	3-4-5	3-10-11

Plate Offsets (X,Y)-- [4:0-2-8,0-3-0], [6:0-4-0,0-4-8], [8:0-3-12,0-4-8], [12:0-3-0,0-2-7], [14:0-4-6,0-0-1], [17:0-3-0,0-1-8], [19:0-2-0,0-2-12], [20:Edge,0-2-0], [23:0-2-8,0-4-8], [25:0-4-0,0-4-8]

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	0.67	Vert(LL)	-0.21	24	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.68	Vert(CT)	-0.42	23-24	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.65	Horz(CT)	0.09	20	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.14	24	>999	240	Weight: 680 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP No.2 *Except* 1-4,12-15: 2x4 SP No.2
BOT CHORD 2x6 SP No.2 *Except* 10-20: 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-4-2 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-3-0 oc bracing.

REACTIONS. (size) 2=0-4-0, 20=0-3-0, 14=0-4-0
Max Horz 2=78(LC 7)
Max Uplift 2=-221(LC 8), 20=-383(LC 8), 14=-120(LC 27)
Max Grav 2=2745(LC 19), 20=5125(LC 1), 14=351(LC 14)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5360/353, 3-4=-5342/388, 4-5=-6721/573, 5-6=-6719/572, 6-7=-6794/645, 7-8=-6794/645, 8-9=-1906/264, 9-10=-224/4252, 10-11=-240/4320, 11-12=-106/411, 12-13=-111/404, 13-14=-501/192
BOT CHORD 2-27=-259/4723, 26-27=-259/4723, 25-26=-249/4798, 24-25=-562/7373, 23-24=-562/7373, 22-23=-413/5001, 21-22=-413/5001, 19-20=-4994/452, 10-19=-821/191, 18-19=-1906/250, 17-18=-1906/250, 16-17=-141/418, 14-16=-138/412
WEBS 4-26=0/623, 4-25=-263/2363, 5-25=-697/225, 6-25=-811/117, 6-24=0/428, 6-23=-712/28, 7-23=-615/206, 8-23=-152/2185, 8-22=0/434, 8-21=-3763/310, 9-21=0/1633, 19-21=-183/2170, 9-19=-6455/516, 11-19=-2714/109, 11-17=-43/1937, 12-17=-554/187, 13-17=-499/54

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=50ft; eave=6ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

JOAQUIN VELEZ LICENSE No 68182 STATE OF FLORIDA PROFESSIONAL ENGINEER

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Date: November 18,2025

Continued on page 2

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NOTES-

9) 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.
10) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 20, and 14. This connection is for uplift only and does not consider lateral forces.
11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 256 lb down and 176 lb up at 7-0-0, 133 lb down and 89 lb up at 9-0-12, 133 lb down and 89 lb up at 11-0-12, 133 lb down and 89 lb up at 13-0-12, 133 lb down and 89 lb up at 15-0-12, 133 lb down and 89 lb up at 17-0-12, 133 lb down and 89 lb up at 19-0-12, 133 lb down and 89 lb up at 21-0-12, 133 lb down and 89 lb up at 23-0-12, 133 lb down and 89 lb up at 24-11-0, 133 lb down and 89 lb up at 26-9-4, 133 lb down and 89 lb up at 28-9-4, 133 lb down and 89 lb up at 30-9-4, 133 lb down and 89 lb up at 32-9-4, 133 lb down and 89 lb up at 34-9-4, 133 lb down and 90 lb up at 36-9-4, 133 lb down and 90 lb up at 38-9-4, and 133 lb down and 90 lb up at 40-9-4, and 264 lb down and 181 lb up at 42-10-0 on top chord, and 316 lb down at 7-0-0, 95 lb down at 9-0-12, 95 lb down at 11-0-12, 95 lb down at 13-0-12, 95 lb down at 15-0-12, 95 lb down at 17-0-12, 95 lb down at 19-0-12, 95 lb down at 21-0-12, 95 lb down at 23-0-12, 95 lb down at 24-11-0, 95 lb down at 26-9-4, 95 lb down at 28-9-4, 95 lb down at 30-9-4, 95 lb down at 32-9-4, 95 lb down at 34-9-4, 95 lb down at 36-6-4, 95 lb down at 38-9-4, and 95 lb down at 40-9-4, and 316 lb down at 42-7-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

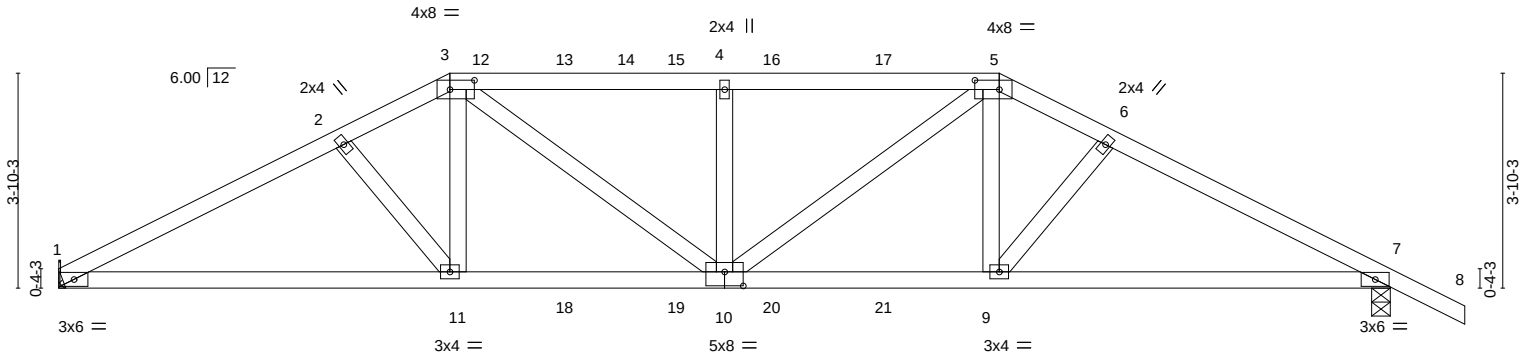
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-60, 4-12=-60, 12-15=-60, 2-20=-20, 17-19=-20, 14-17=-20
   Concentrated Loads (lb)
   Vert: 4=-209(B) 12=-217(B) 20=-48(B) 10=-133(B) 26=-281(B) 6=-133(B) 24=-48(B) 22=-48(B) 8=-133(B) 17=-278(B) 28=-133(B) 29=-133(B) 30=-133(B) 32=-133(B) 33=-133(B) 34=-133(B) 35=-133(B) 36=-133(B) 37=-133(B) 38=-133(B) 39=-133(B) 40=-133(B) 42=-133(B) 43=-133(B) 44=-48(B) 45=-48(B) 46=-48(B) 47=-48(B) 48=-48(B) 49=-48(B) 50=-48(B) 51=-48(B) 52=-48(B) 53=-48(B) 54=-48(B) 55=-48(B) 56=-48(B) 57=-48(B)

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	B01	HIP GIRDER	1	1	T39219971
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:26 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-XBAZ56opibIe10jDel0y3COeGgTwrAScGFpHBlyIFHt

5-1-3	7-0-0	11-11-0	16-10-0	18-8-13	23-10-0	25-2-0
5-1-3	1-10-13	4-11-0	4-11-0	1-10-13	5-1-3	1-4-0

Scale = 1:41.2



7-0-0	11-11-0	16-10-0	23-10-0
7-0-0	4-11-0	4-11-0	7-0-0

Plate Offsets (X,Y)-- [3:0-5-4,0-2-0], [5:0-5-4,0-2-0], [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	0.89	Vert(LL)	-0.16	10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.98	Vert(CT)	-0.32	9-10	>884	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.19	Horz(CT)	0.12	7	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.10	10	>999	240	Weight: 116 lb	FT = 20%

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

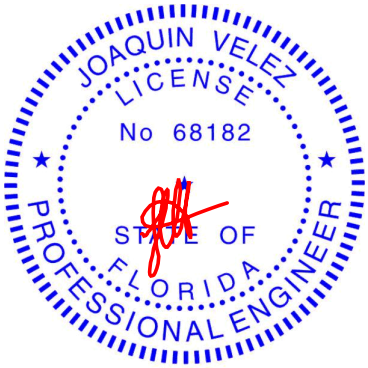
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-0-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=Mechanical, 7=0-4-0
Max Horz 1=-66(LC 6)
Max Uplift 1=-75(LC 8), 7=-121(LC 8)
Max Grav 1=1789(LC 1), 7=1892(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3539/176, 2-3=-3378/167, 3-4=-3633/229, 4-5=-3633/229, 5-6=-3340/159, 6-7=-3500/164
BOT CHORD 1-11=-96/3104, 10-11=-42/3017, 9-10=-37/2986, 7-9=-80/3038
WEBS 3-11=0/693, 3-10=-105/806, 4-10=-708/242, 5-10=-105/839, 5-9=0/664

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1.
9) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 7. This connection is for uplift only and does not consider lateral forces.
10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 256 lb down and 173 lb up at 7-0-0, 133 lb down and 89 lb up at 9-0-12, 133 lb down and 89 lb up at 11-0-12, 133 lb down and 89 lb up at 12-9-4, and 133 lb down and 89 lb up at 14-9-4, and 256 lb down and 173 lb up at 16-10-0 on top chord, and 316 lb down at 7-0-0, 95 lb down at 9-0-12, 95 lb down at 11-0-12, 95 lb down at 12-9-4, and 95 lb down at 14-9-4, and 316 lb down at 16-9-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

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



Joaquin Velez PE No.68182
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Date:

November 18,2025

Continued on page 2

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-3=-60, 3-5=-60, 5-8=-60, 1-7=-20

Concentrated Loads (lb)

Vert: 3=-209(F) 5=-209(F) 11=-281(F) 9=-281(F) 13=-133(F) 15=-133(F) 16=-133(F) 17=-133(F) 18=-48(F) 19=-48(F) 20=-48(F) 21=-48(F)

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	B02	HIP	1	1	T39219972
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:27 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-?NkyISpRTvQVfAHPCSXBbPxsT4wWaehlVvYqjByIFHs

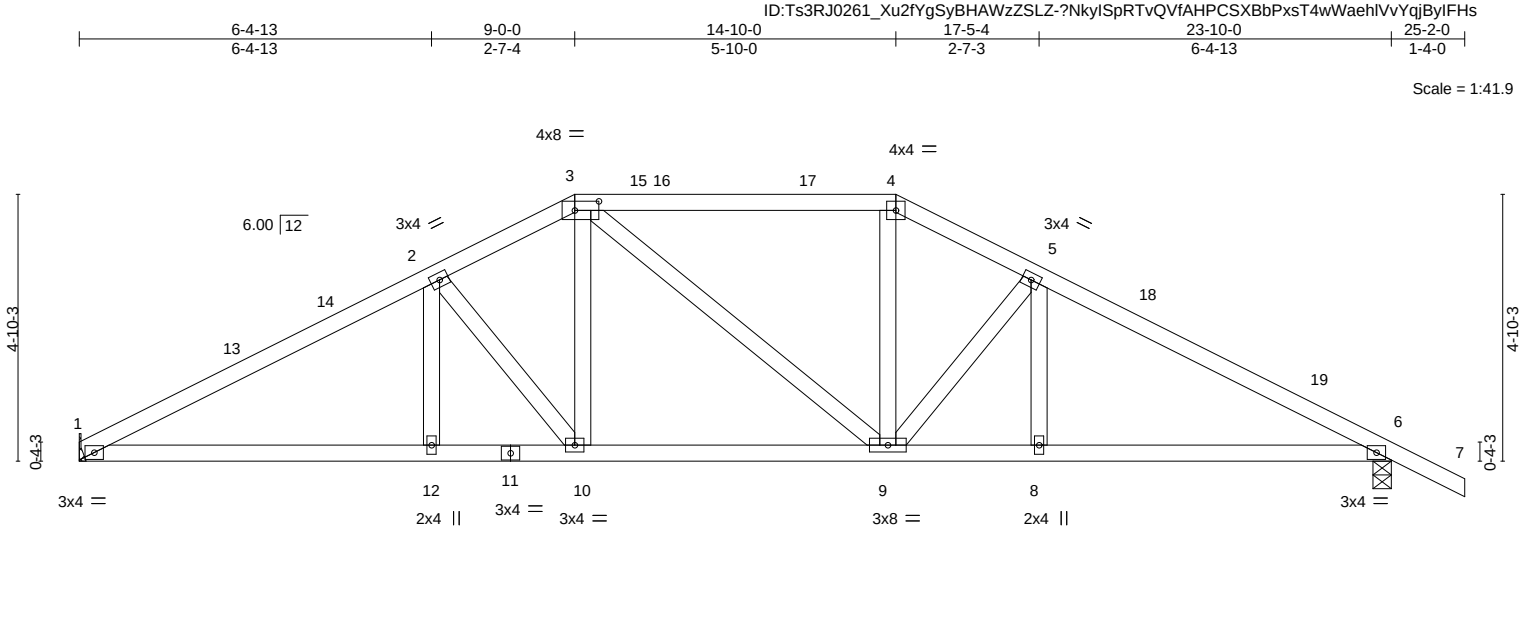


Plate Offsets (X,Y)-- [3:0-5-4,0-2-0]

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	0.67	Vert(LL)	-0.07	1-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.57	Vert(CT)	-0.16	1-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.05	6	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.04	9-10	>999	240	Weight: 120 lb	FT = 20%

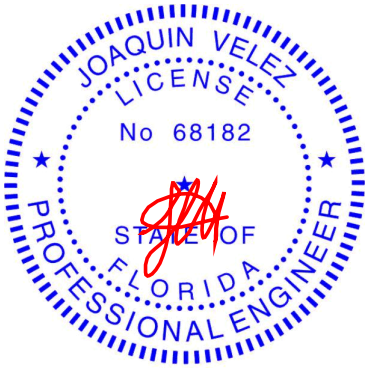
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-1-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=Mechanical, 6=0-4-0
Max Horz 1=-83(LC 10)
Max Uplift 1=-40(LC 12), 6=-85(LC 12)
Max Grav 1=941(LC 1), 6=1037(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1657/155, 2-3=-1352/173, 3-4=-1165/163, 4-5=-1340/172, 5-6=-1647/155
BOT CHORD 1-12=-67/1423, 10-12=-67/1423, 9-10=-23/1172, 8-9=-73/1388, 6-8=-73/1388
WEBS 2-10=-410/79, 3-10=-14/380, 4-9=-3/367, 5-9=-368/72

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-0-12 to 3-0-12, Zone1 3-0-12 to 9-0-0, Zone2 9-0-0 to 13-2-15, Zone1 13-2-15 to 14-10-0, Zone2 14-10-0 to 19-0-15, Zone1 19-0-15 to 25-2-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
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) 1.
9) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 6. This connection is for uplift only and does not consider lateral forces.



Joaquin Velez PE No.68182
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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	B03	HIP	1	1	T39219973
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:27 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-?NkyISpRTvQVfAHPCSXBbPxtq4wqabwlVvYqjByIFHs

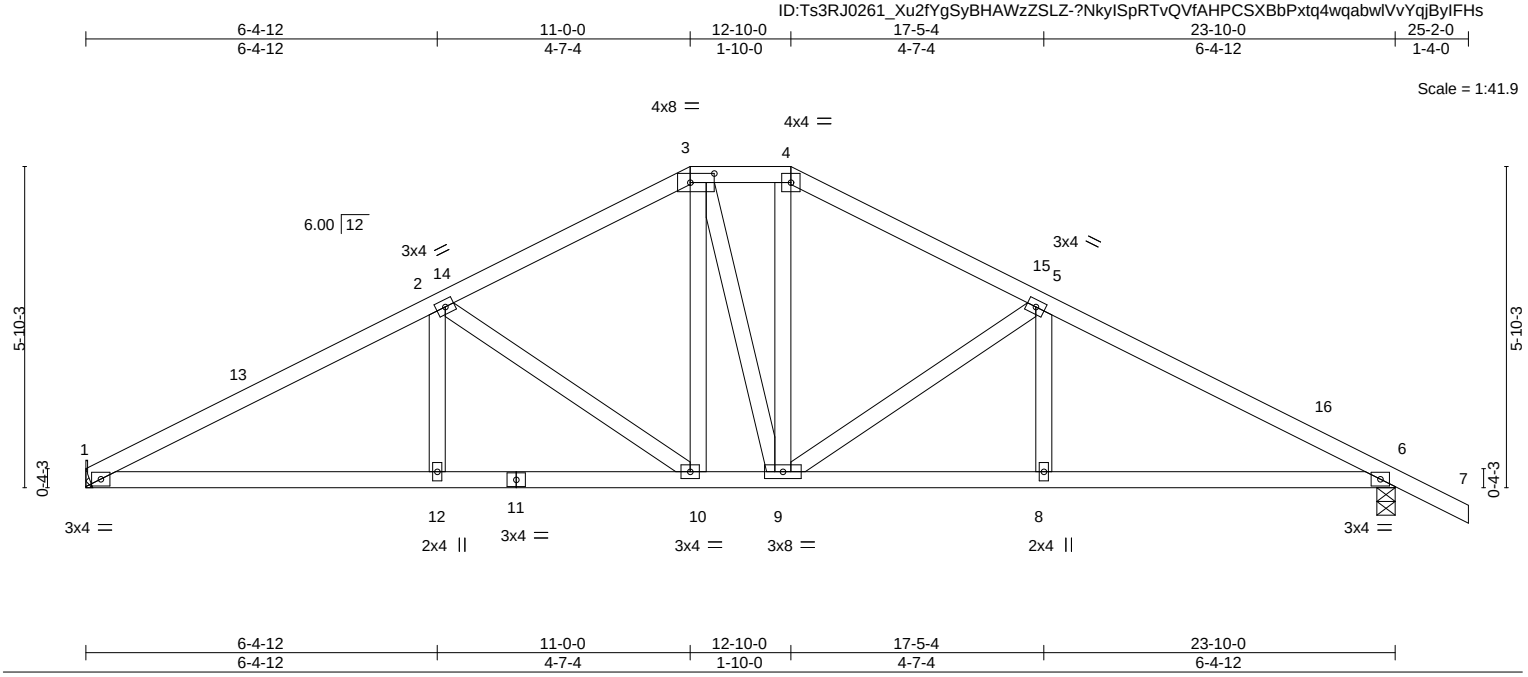


Plate Offsets (X,Y)-- [3:0-5-4,0-2-0]

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	0.59	Vert(LL)	-0.06	1-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.15	1-12	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.30	Horz(CT)	0.05	6	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.03	10	>999	240	Weight: 126 lb	FT = 20%

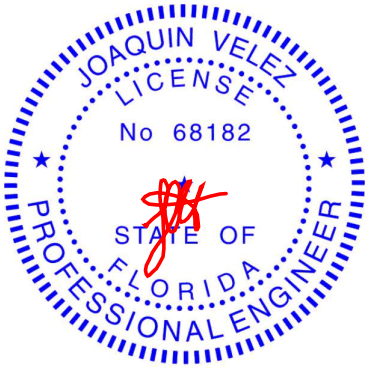
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-5-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=Mechanical, 6=0-4-0
Max Horz 1=-99(LC 10)
Max Uplift 1=-40(LC 12), 6=-85(LC 12)
Max Grav 1=941(LC 1), 6=1037(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1666/144, 2-3=-1188/154, 3-4=-1001/156, 4-5=-1187/151, 5-6=-1656/140
BOT CHORD 1-12=-59/1433, 10-12=-59/1433, 9-10=0/999, 8-9=-62/1399, 6-8=-62/1399
WEBS 2-12=0/264, 2-10=-539/88, 3-10=-17/343, 4-9=-16/333, 5-9=-499/81, 5-8=0/254

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-0-12 to 3-0-12, Zone1 3-0-12 to 11-0-0, Zone3 11-0-0 to 12-10-0 , Zone2 12-10-0 to 17-0-15, Zone1 17-0-15 to 25-2-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
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) 1.
9) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 6. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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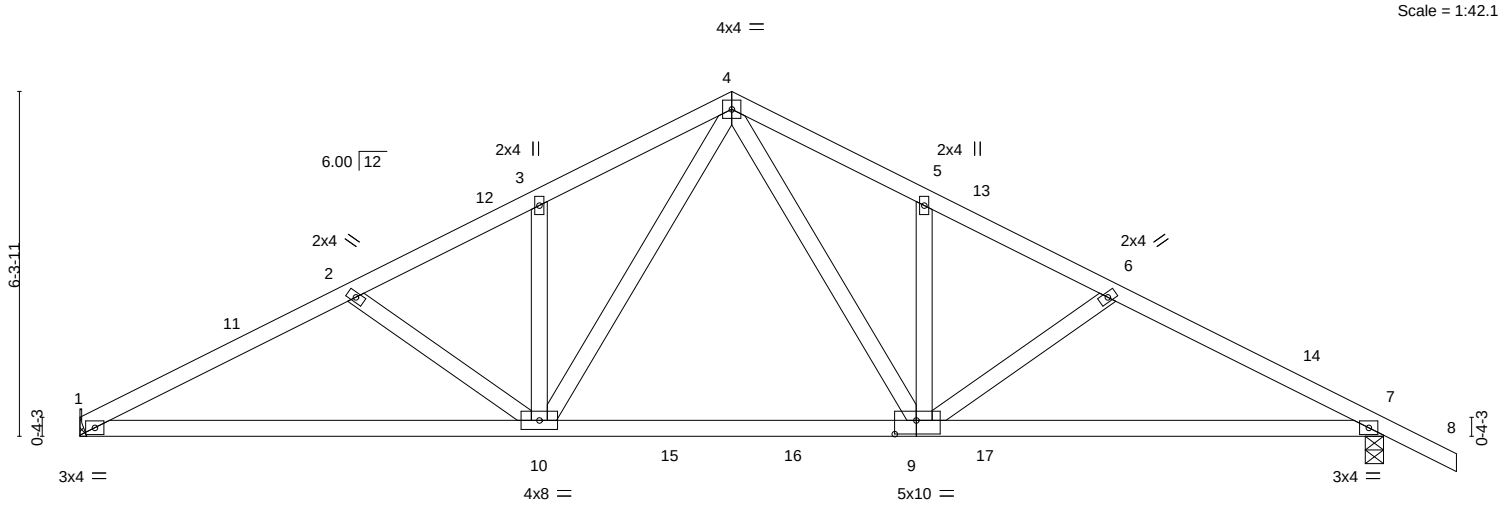
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	B04	COMMON	4	1	T39219974
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:28 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-UZIKWnq4ECYMGKsbl93Q8dU36UGxJ3OukZINFeyIFHr

5-0-8	8-4-13	11-11-0	15-5-4	18-9-8	23-10-0	25-2-0
5-0-8	3-4-4	3-6-4	3-6-4	3-4-4	5-0-8	1-4-0

Scale = 1:42.1



8-1-8	15-8-8	23-10-0
8-1-8	7-7-0	8-1-8

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

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	0.49	Vert(LL)	-0.12	1-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.56	Vert(CT)	-0.33	9-10	>846	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.22	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.03	10	>999	240	Weight: 121 lb	FT = 20%

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

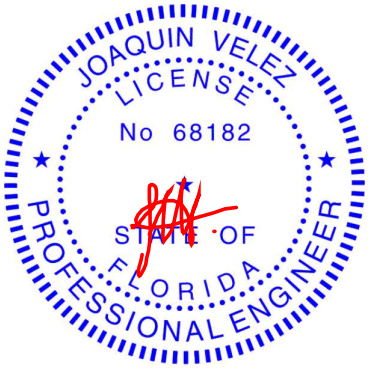
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=Mechanical, 7=0-4-0
Max Horz 1=-107(LC 10)
Max Grav 1=1276(LC 17), 7=1385(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2346/0, 2-3=-2126/0, 3-4=-2127/0, 4-5=-2136/0, 5-6=-2140/0, 6-7=-2344/0
BOT CHORD 1-10=0/2129, 9-10=0/1418, 7-9=0/2033
WEBS 4-9=0/1040, 4-10=0/988, 2-10=-266/143

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-0-12 to 3-0-12, Zone1 3-0-12 to 11-11-0, Zone2 11-11-0 to 16-1-15, Zone1 16-1-15 to 25-2-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Refer to girder(s) for truss to truss connections.
7) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-8=-60, 1-10=-20, 10-17=-80, 7-17=-20
2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-50, 4-8=-50, 1-10=-35, 10-15=-95, 15-16=-110, 16-17=-95, 7-17=-35
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-20, 4-8=-20, 1-10=-40, 10-17=-100, 7-17=-40



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Continued on page 2

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LOAD CASE(S) Standard

4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-11=32, 4-11=17, 4-13=26, 7-13=17, 7-8=12, 1-10=-12, 10-17=-72, 7-17=-12
Horz: 1-11=-40, 4-11=-25, 4-13=35, 7-13=25, 7-8=21

5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-12=17, 4-12=26, 4-14=17, 7-14=32, 7-8=47, 1-10=-12, 10-17=-72, 7-17=-12
Horz: 1-12=-25, 4-12=-35, 4-14=25, 7-14=40, 7-8=55

6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-32, 4-7=-32, 7-8=-28, 1-10=-20, 10-17=-80, 7-17=-20
Horz: 1-4=12, 4-7=-12, 7-8=-8

7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-32, 4-7=-32, 7-8=-8, 1-10=-20, 10-17=-80, 7-17=-20
Horz: 1-4=12, 4-7=-12, 7-8=12

8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=3, 4-7=9, 7-8=4, 1-10=-12, 10-17=-72, 7-17=-12
Horz: 1-4=-11, 4-7=17, 7-8=13

9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=9, 4-7=3, 7-8=15, 1-10=-12, 10-17=-72, 7-17=-12
Horz: 1-4=-17, 4-7=11, 7-8=24

10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-28, 4-7=-12, 7-8=-7, 1-10=-20, 10-17=-80, 7-17=-20
Horz: 1-4=8, 4-7=8, 7-8=13

11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-12, 4-7=-28, 7-8=-24, 1-10=-20, 10-17=-80, 7-17=-20
Horz: 1-4=-8, 4-7=-8, 7-8=-4

12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=15, 4-7=15, 7-8=28, 1-10=-12, 10-17=-72, 7-17=-12
Horz: 1-4=-24, 4-7=24, 7-8=37

13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=3, 4-7=3, 7-8=15, 1-10=-12, 10-17=-72, 7-17=-12
Horz: 1-4=-11, 4-7=11, 7-8=24

14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-21, 4-7=-21, 7-8=-16, 1-10=-20, 10-17=-80, 7-17=-20
Horz: 1-4=1, 4-7=-1, 7-8=4

15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-21, 4-7=-21, 7-8=-16, 1-10=-20, 10-17=-80, 7-17=-20
Horz: 1-4=1, 4-7=-1, 7-8=4

16) Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-20, 4-8=-20, 1-10=-40, 10-15=-100, 15-16=-120, 16-17=-100, 7-17=-40

17) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-56, 4-7=-44, 7-8=-40, 1-10=-35, 10-15=-95, 15-16=-110, 16-17=-95, 7-17=-35
Horz: 1-4=6, 4-7=6, 7-8=10

18) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-44, 4-7=-56, 7-8=-53, 1-10=-35, 10-15=-95, 15-16=-110, 16-17=-95, 7-17=-35
Horz: 1-4=-6, 4-7=-6, 7-8=-3

19) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-51, 4-7=-51, 7-8=-47, 1-10=-35, 10-15=-95, 15-16=-110, 16-17=-95, 7-17=-35
Horz: 1-4=1, 4-7=-1, 7-8=3

20) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-51, 4-7=-51, 7-8=-47, 1-10=-35, 10-15=-95, 15-16=-110, 16-17=-95, 7-17=-35
Horz: 1-4=1, 4-7=-1, 7-8=3

21) Dead + 0.6 C-C Wind Min. Down: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-25, 4-8=-25, 1-10=-12, 10-17=-72, 7-17=-12
Horz: 1-4=16, 4-8=-16

Continued on page 3

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LOAD CASE(S) Standard

22) Dead + 0.6 C-C Wind Min. Upward: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=8, 4-8=8, 1-10=-12, 10-17=-72, 7-17=-12
Horz: 1-4=-16, 4-8=16

23) 1st Dead + Roof Live (unbalanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-8=-20, 1-10=-20, 10-17=-80, 7-17=-20

24) 2nd Dead + Roof Live (unbalanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-20, 4-8=-60, 1-10=-20, 10-17=-80, 7-17=-20

25) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-50, 4-8=-20, 1-10=-35, 10-15=-95, 15-16=-110, 16-17=-95, 7-17=-35

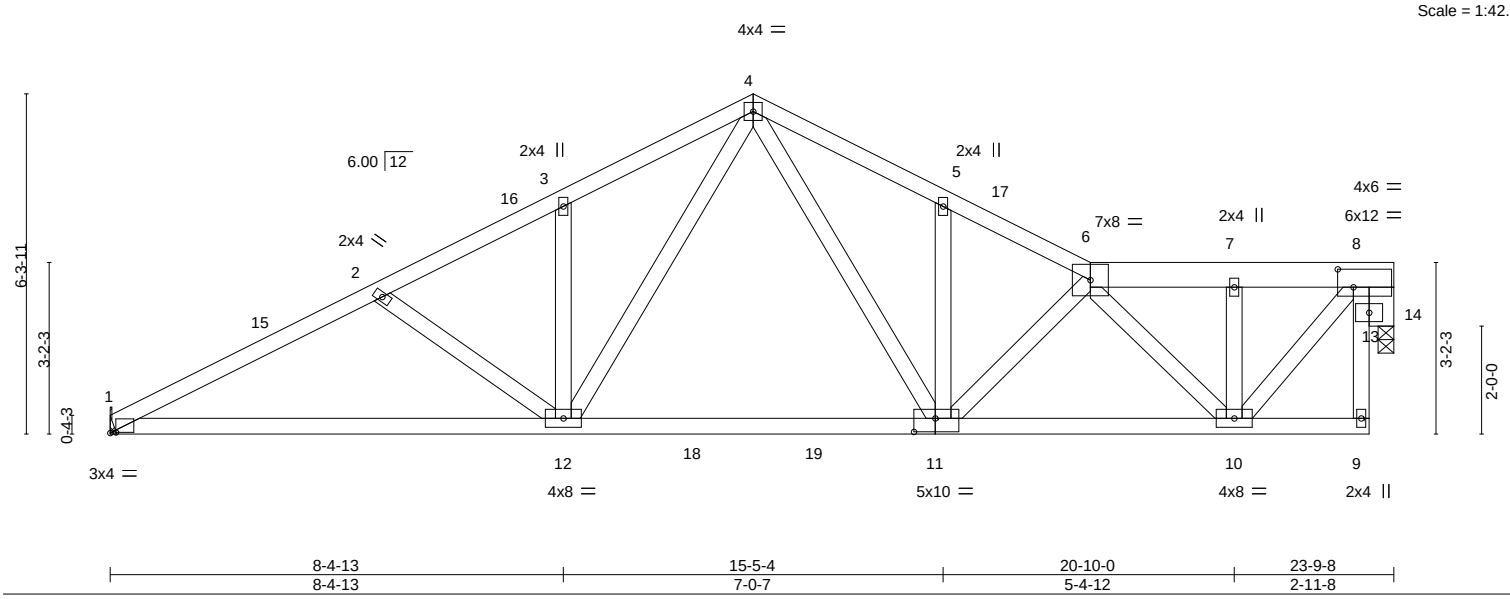
26) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-20, 4-8=-50, 1-10=-35, 10-15=-95, 15-16=-110, 16-17=-95, 7-17=-35

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	B05	ROOF SPECIAL	1	1	T39219975 Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:28 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-UZIKWnq4ECYMGKsbl93Q8dU3qUG4J1eukZINFeyIFHr

5-0-8	8-4-13	11-11-0	15-5-4	18-2-0	20-10-0	23-9-8
5-0-8	3-4-5	3-6-4	3-6-4	2-8-12	2-8-0	2-11-8

Scale = 1:42.7



8-4-13	15-5-4	20-10-0	23-9-8
8-4-13	7-0-7	5-4-12	2-11-8

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

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	0.51	Vert(LL)	-0.12	1-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.55	Vert(CT)	-0.35	11-12	>816	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.34	Horz(CT)	0.04	14	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.03	12	>999	240	Weight: 140 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2 *Except* 6-8: 2x6 SP No.2
BOT CHORD	2x4 SP M 31 or 2x4 SP SS
WEBS	2x4 SP No.2
OTHERS	2x6 SP No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-5-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=Mechanical, 14=0-3-8
Max Horz 1=76(LC 11)
Max Grav 1=1257(LC 17), 14=1193(LC 19)

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

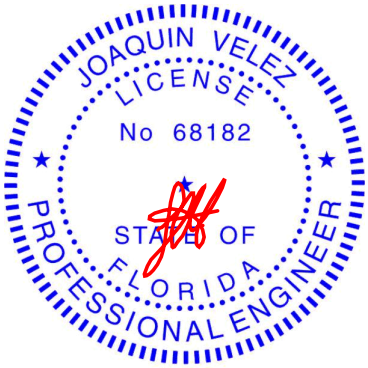
TOP CHORD	1-2=-2308/0, 2-3=-2089/0, 3-4=-2089/0, 4-5=-2014/0, 5-6=-2010/0, 6-7=-1119/0, 7-8=-1118/0
BOT CHORD	1-12=0/2071, 11-12=0/1352, 10-11=0/1919
WEBS	2-12=-266/142, 4-12=0/1005, 4-11=0/931, 6-10=-1171/0, 7-10=-278/33, 8-10=0/1499, 8-14=-1276/0

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-0-12 to 3-0-12, Zone1 3-0-12 to 11-11-0, Zone2 11-11-0 to 16-1-15, Zone1 16-1-15 to 23-2-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) Refer to girder(s) for truss to truss connections.
8) 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.
9) Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-6=-60, 6-8=-60, 1-12=-20, 11-12=-80, 9-11=-20



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Date:

November 18,2025

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LOAD CASE(S) Standard

2) Dead + 0.75 Roof Live (balanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-50, 4-6=-50, 6-8=-50, 1-12=-35, 12-18=-95, 18-19=-110, 11-19=-95, 9-11=-35
3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-20, 4-6=-20, 6-8=-20, 1-12=-40, 11-12=-100, 9-11=-40
4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-15=32, 4-15=17, 4-17=26, 6-17=17, 6-8=17, 1-12=-12, 11-12=-72, 9-11=-12
   Horz: 1-15=-40, 4-15=-25, 4-17=35, 6-17=25
   Drag: 6-7=0
5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-16=17, 4-16=26, 4-6=17, 6-8=17, 1-12=-12, 11-12=-72, 9-11=-12
   Horz: 1-16=-25, 4-16=-35, 4-6=25
   Drag: 6-7=0
6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-4=-32, 4-6=-32, 6-8=-32, 1-12=-20, 11-12=-80, 9-11=-20
   Horz: 1-4=12, 4-6=-12
   Drag: 6-7=-0
7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-4=-32, 4-6=-32, 6-8=-32, 1-12=-20, 11-12=-80, 9-11=-20
   Horz: 1-4=12, 4-6=-12
   Drag: 6-7=-0
8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-4=3, 4-6=9, 6-8=8, 1-12=-12, 11-12=-72, 9-11=-12
   Horz: 1-4=-11, 4-6=17
   Drag: 6-7=0
9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
   Uniform Loads (plf)
   Vert: 1-4=9, 4-6=3, 6-8=18, 1-12=-12, 11-12=-72, 9-11=-12
   Horz: 1-4=-17, 4-6=11
   Drag: 6-7=0
10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
    Uniform Loads (plf)
    Vert: 1-4=-28, 4-6=-12, 6-8=-21, 1-12=-20, 11-12=-80, 9-11=-20
    Horz: 1-4=8, 4-6=8
11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
    Uniform Loads (plf)
    Vert: 1-4=-12, 4-6=-28, 6-8=-21, 1-12=-20, 11-12=-80, 9-11=-20
    Horz: 1-4=-8, 4-6=-8
12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
    Uniform Loads (plf)
    Vert: 1-4=15, 4-6=15, 6-8=15, 1-12=-12, 11-12=-72, 9-11=-12
    Horz: 1-4=-24, 4-6=24
    Drag: 6-7=0
13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
    Uniform Loads (plf)
    Vert: 1-4=3, 4-6=3, 6-8=3, 1-12=-12, 11-12=-72, 9-11=-12
    Horz: 1-4=-11, 4-6=11
    Drag: 6-7=0
14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
    Uniform Loads (plf)
    Vert: 1-4=-21, 4-6=-21, 6-8=-21, 1-12=-20, 11-12=-80, 9-11=-20
    Horz: 1-4=1, 4-6=-1
15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
    Uniform Loads (plf)
    Vert: 1-4=-21, 4-6=-21, 6-8=-21, 1-12=-20, 11-12=-80, 9-11=-20
    Horz: 1-4=1, 4-6=-1
16) Dead + Uninhabitable Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
    Uniform Loads (plf)
    Vert: 1-4=-20, 4-6=-20, 6-8=-20, 1-12=-40, 12-18=-100, 18-19=-120, 11-19=-100, 9-11=-40
17) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
    Uniform Loads (plf)
    Vert: 1-4=-56, 4-6=-44, 6-8=-51, 1-12=-35, 12-18=-95, 18-19=-110, 11-19=-95, 9-11=-35
    Horz: 1-4=6, 4-6=6
18) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
    Uniform Loads (plf)
    Vert: 1-4=-44, 4-6=-56, 6-8=-51, 1-12=-35, 12-18=-95, 18-19=-110, 11-19=-95, 9-11=-35
    Horz: 1-4=-6, 4-6=-6

Continued on page 3

LOAD CASE(S) Standard

19) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-51, 4-6=-51, 6-8=-51, 1-12=-35, 12-18=-95, 18-19=-110, 11-19=-95, 9-11=-35
Horz: 1-4=1, 4-6=-1

20) Dead + 0.75 Roof Live (bal.) + 0.75 Uninhab. Attic Storage + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-51, 4-6=-51, 6-8=-51, 1-12=-35, 12-18=-95, 18-19=-110, 11-19=-95, 9-11=-35
Horz: 1-4=1, 4-6=-1

21) Dead + 0.6 C-C Wind Min. Down: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=-25, 4-6=-25, 6-8=-25, 1-12=-12, 11-12=-72, 9-11=-12
Horz: 1-4=16, 4-6=-16
Drag: 6-7=-0

22) Dead + 0.6 C-C Wind Min. Upward: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-4=8, 4-6=8, 6-8=8, 1-12=-12, 11-12=-72, 9-11=-12
Horz: 1-4=-16, 4-6=16
Drag: 6-7=0

23) 1st Dead + Roof Live (unbalanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 4-6=-20, 6-8=-20, 1-12=-20, 11-12=-80, 9-11=-20

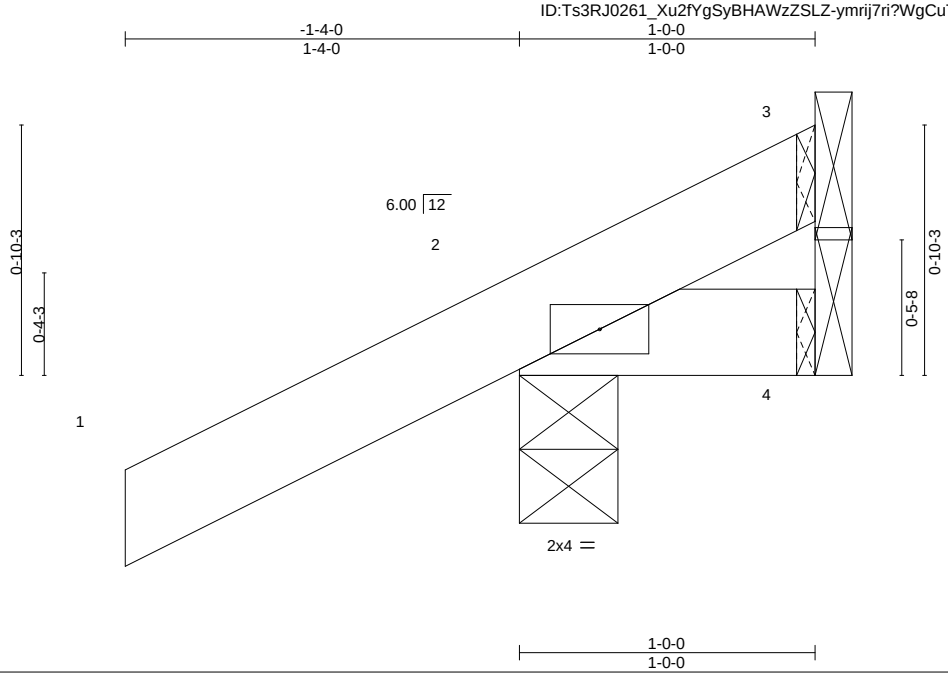
24) 2nd Dead + Roof Live (unbalanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-20, 4-6=-60, 6-8=-60, 1-12=-20, 11-12=-80, 9-11=-20

25) 3rd Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-50, 4-6=-20, 6-8=-20, 1-12=-35, 12-18=-95, 18-19=-110, 11-19=-95, 9-11=-35

26) 4th Dead + 0.75 Roof Live (unbalanced) + 0.75 Uninhab. Attic Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-20, 4-6=-50, 6-8=-50, 1-12=-35, 12-18=-95, 18-19=-110, 11-19=-95, 9-11=-35

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C1	CORNER JACK	7	1	T39219976
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:29 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-ymrij7ri?WgCuTRoJtafhq0Kctjl2Z82zD1xo4yIFHq



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 6 lb	FT = 20%

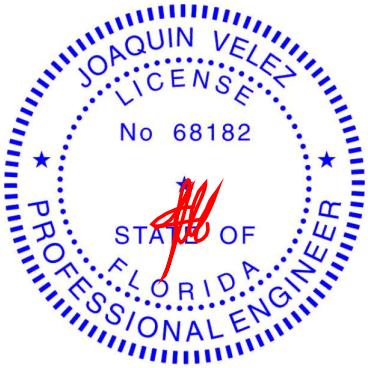
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=36(LC 12)
Max Uplift 3=-30(LC 1), 2=-72(LC 12)
Max Grav 3=24(LC 12), 2=179(LC 1), 4=19(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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

November 18,2025

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314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C1A	CORNER JACK	1	1	T39219977
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:29 2025 Page 1
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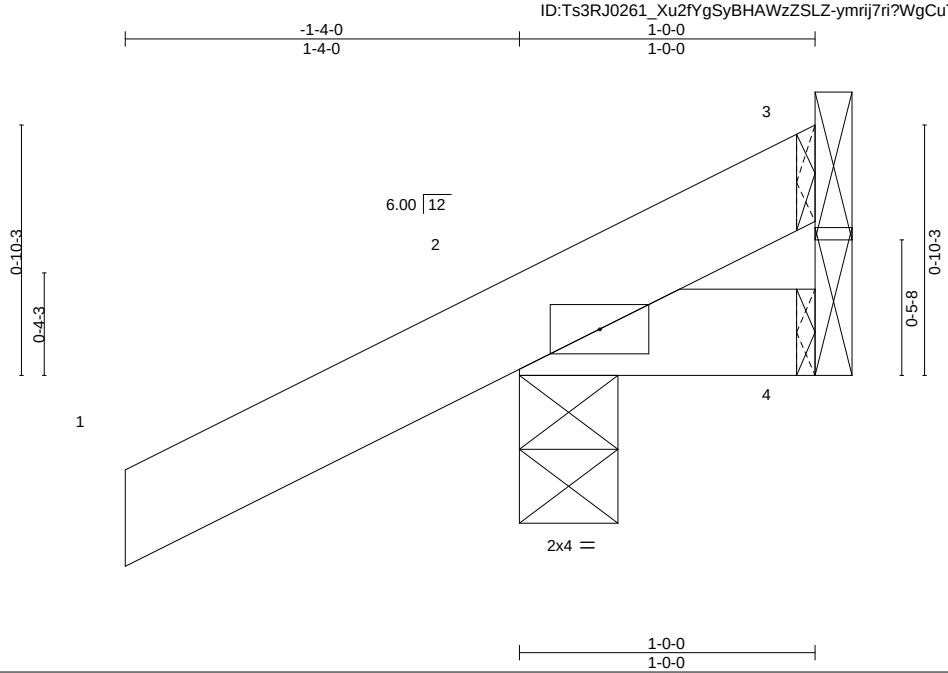


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 6 lb	FT = 20%

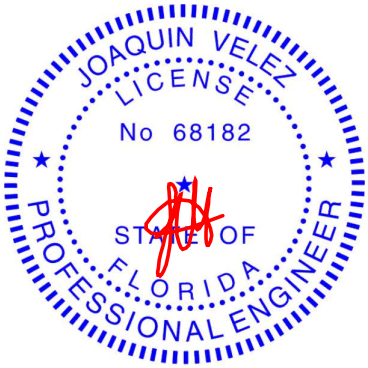
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=36(LC 12)
Max Uplift 3=-30(LC 1), 2=-72(LC 12)
Max Grav 3=24(LC 12), 2=179(LC 1), 4=19(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C1E	CORNER JACK	4	1	T39219978
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:29 2025 Page 1
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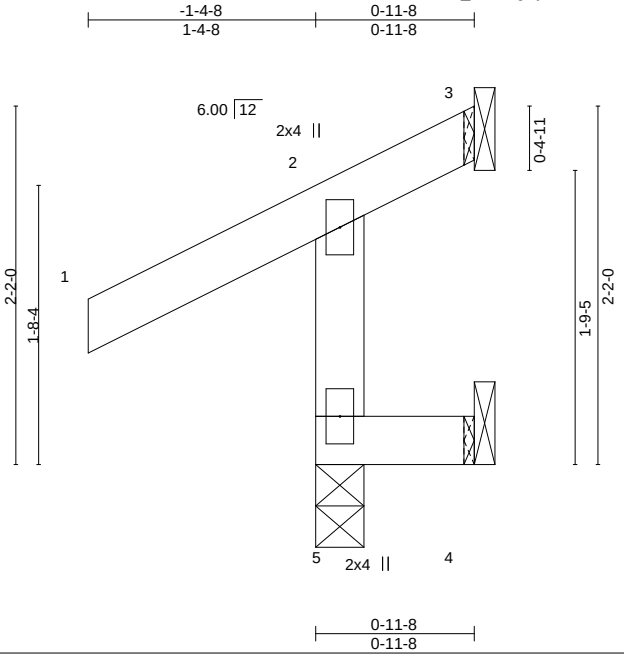


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.16	Vert(LL)	-0.00	5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.07	Vert(CT)	0.00	5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-R							Weight: 7 lb	FT = 20%

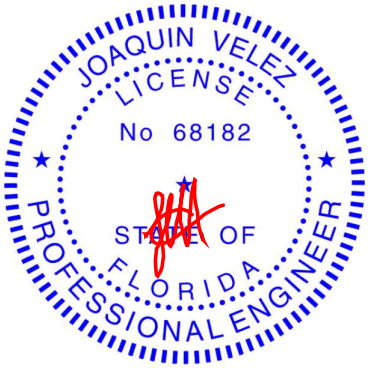
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 5=0-3-8, 3=Mechanical, 4=Mechanical
Max Horz 5=66(LC 12)
Max Uplift 5=-32(LC 8), 3=-49(LC 1), 4=-45(LC 12)
Max Grav 5=210(LC 1), 3=10(LC 8), 4=19(LC 10)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever left exposed ; end vertical left exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) 3.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 4. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C1K	Corner Jack	4	1	T39219979
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:30 2025 Page 1
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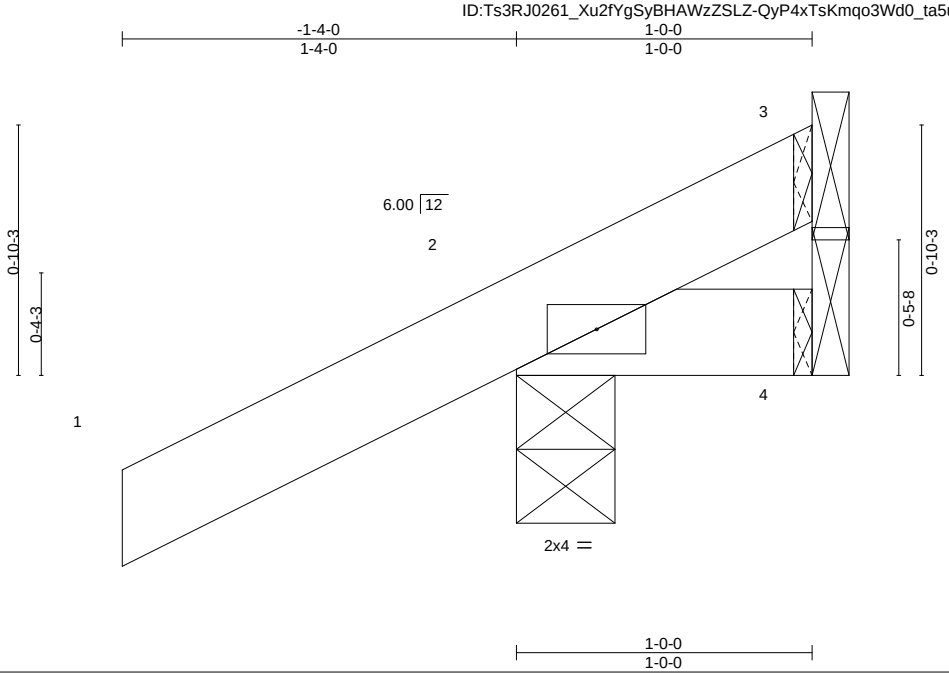


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.01	Vert(CT)	-0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 6 lb	FT = 20%

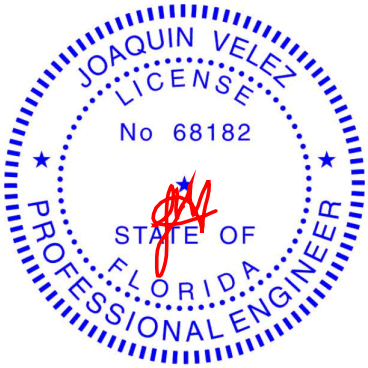
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=36(LC 12)
Max Uplift 3=-30(LC 1), 2=-72(LC 12)
Max Grav 3=24(LC 12), 2=179(LC 1), 4=19(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C1V	CORNER JACK	2	1	T39219980
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:30 2025 Page 1
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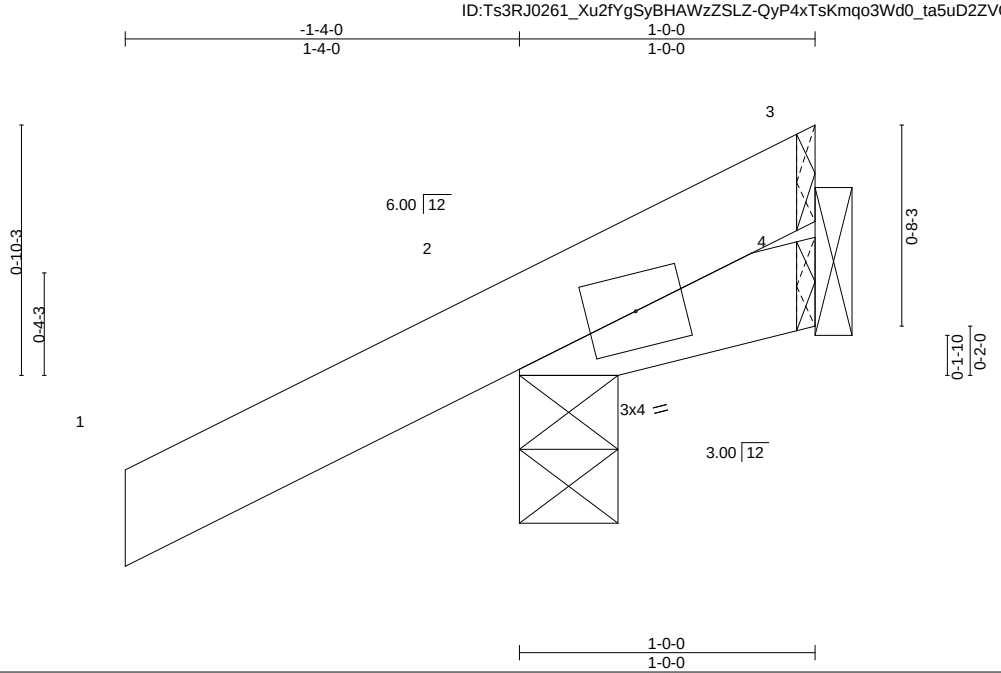


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	0.00	2	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.06	Vert(CT)	0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							Weight: 6 lb	FT = 20%

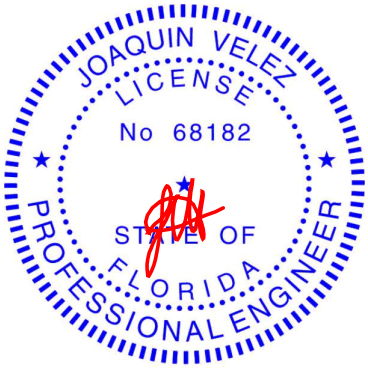
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 2=0-4-0, 4=Mechanical
Max Horz 2=63(LC 12)
Max Uplift 2=-121(LC 12), 4=-20(LC 1)
Max Grav 2=179(LC 1), 4=26(LC 12)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 4. This connection is for uplift only and does not consider lateral forces.



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

November 18,2025

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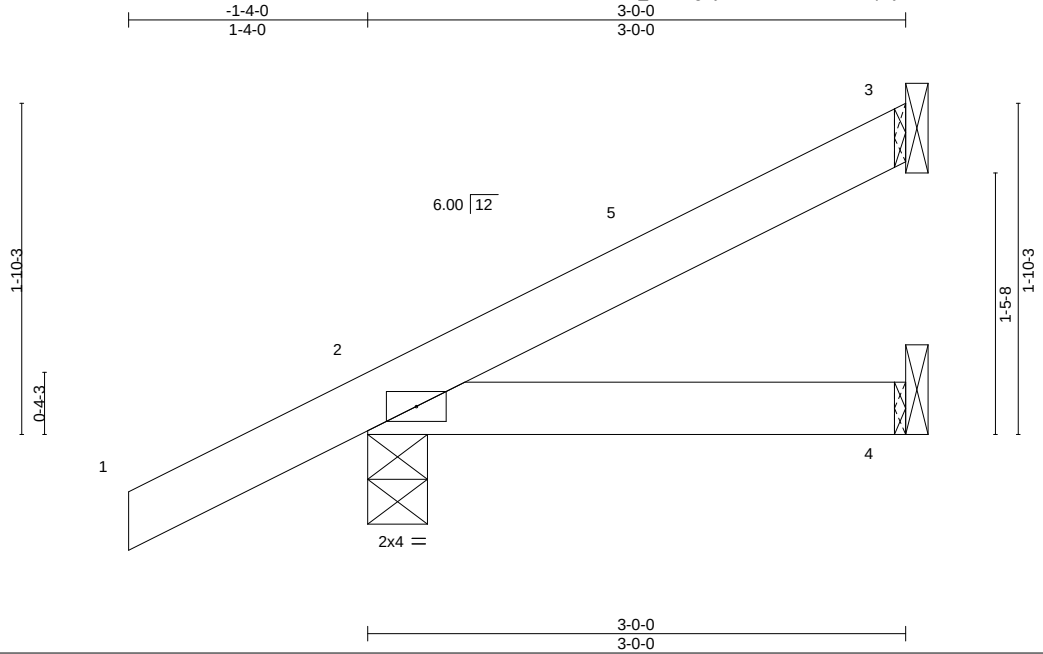
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C3	CORNER JACK	7	1	T39219981
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:31 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-u8zS8psyX7ww7nbARIc7mF6flhO0WTeLQXW2szyIFHo



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 12 lb	FT = 20%

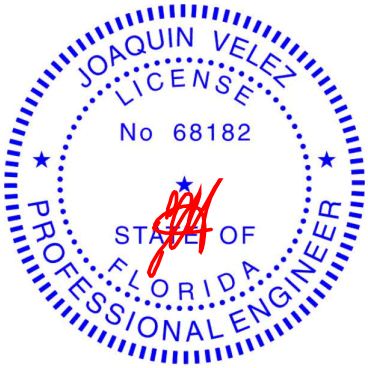
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=59(LC 12)
Max Uplift 3=-17(LC 12), 2=-51(LC 12)
Max Grav 3=59(LC 1), 2=225(LC 1), 4=55(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 2-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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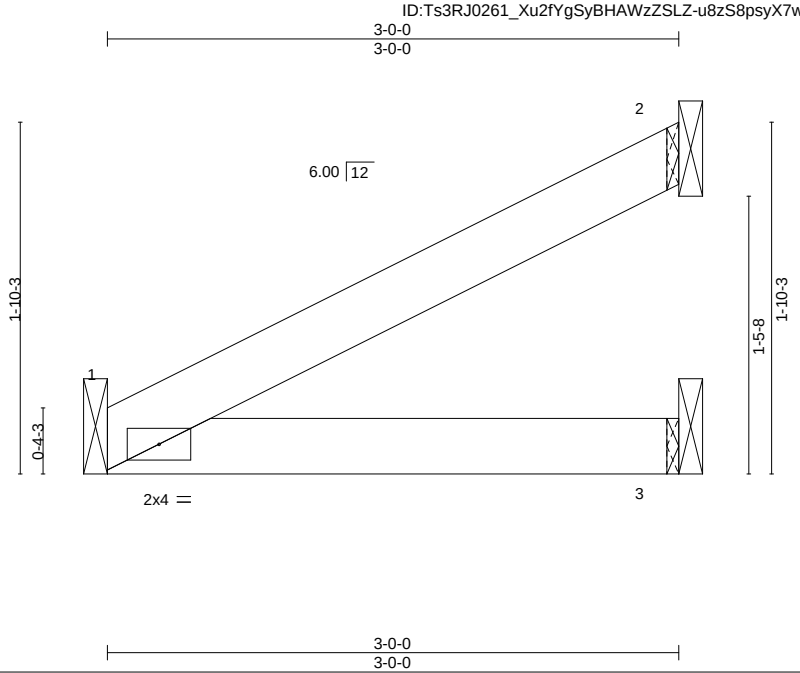
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C3A	CORNER JACK	1	1	T39219982
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:31 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-u8zS8psyX7ww7nbARIc7mF6fphOvWTeLQXW2szyIFHo



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.00	1-3	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	1-3	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	1	****	240	Weight: 10 lb	FT = 20%

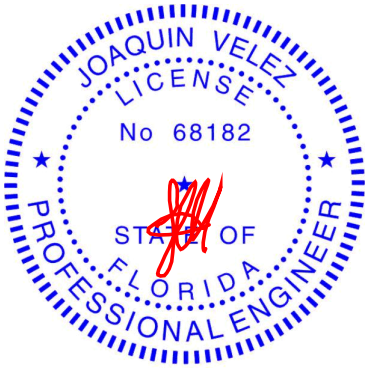
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 1=Mechanical, 2=Mechanical, 3=Mechanical
Max Horz 1=36(LC 12)
Max Uplift 2=-32(LC 12)
Max Grav 1=115(LC 1), 2=86(LC 1), 3=58(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 3. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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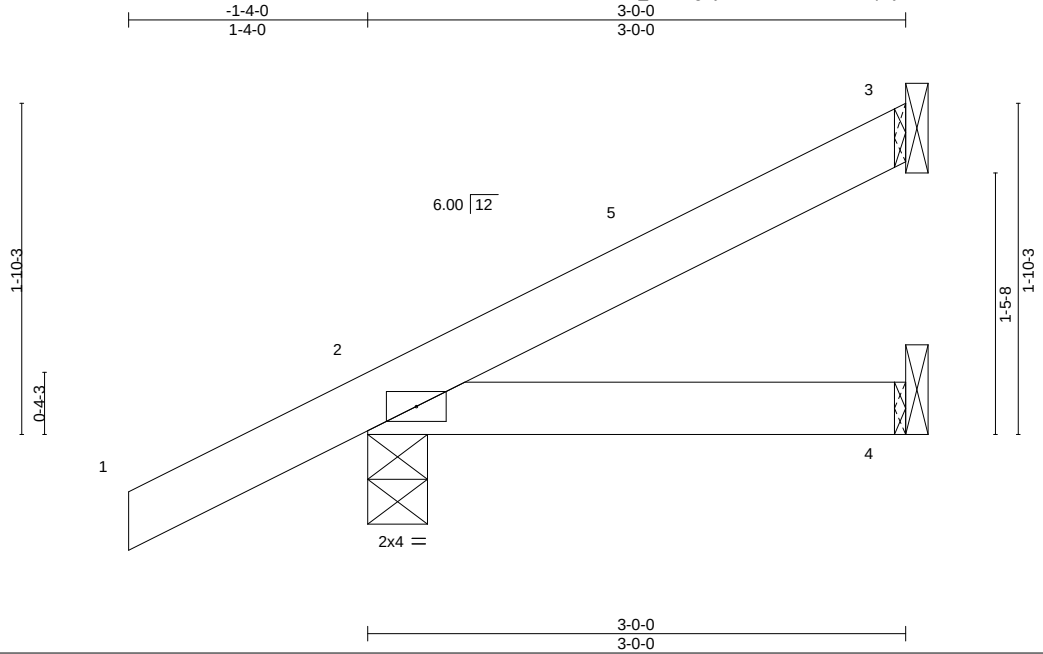
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C3K	Corner Jack	4	1	T39219983
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:31 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-u8zS8psyX7ww7nbARIc7mF6flhO0WTeLQXW2szyIFHo



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 12 lb	FT = 20%

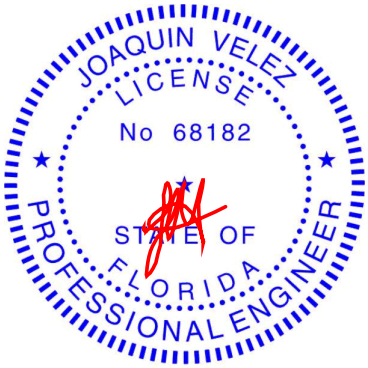
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=59(LC 12)
Max Uplift 3=-17(LC 12), 2=-51(LC 12)
Max Grav 3=59(LC 1), 2=225(LC 1), 4=55(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 2-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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November 18,2025

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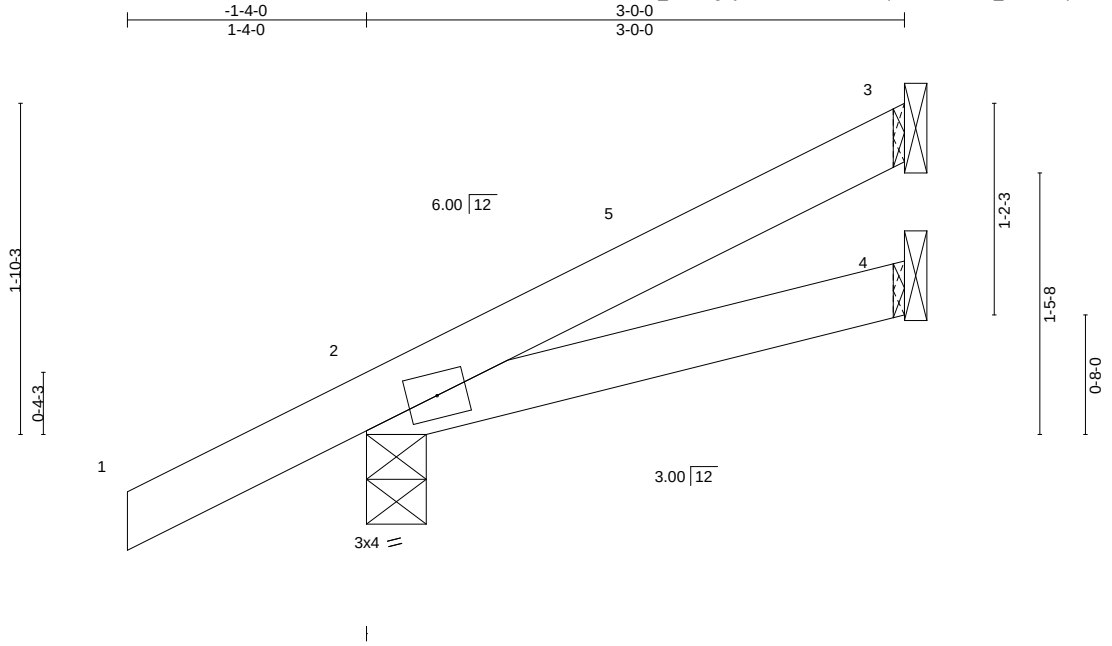
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C3V	CORNER JACK	2	1	T39219984
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:32 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-MLXqL9taIR2nlxAN_?7MITeqX5kEFwuUfBGbOPyIFHn



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.14	Vert(LL)	-0.00	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.09	Vert(CT)	-0.01	2-4	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 12 lb	FT = 20%

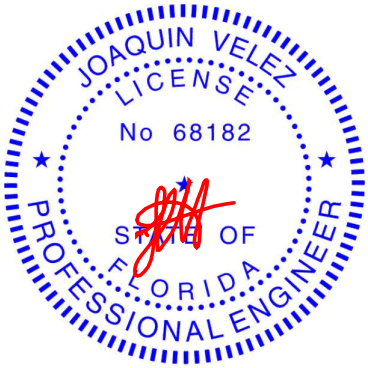
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=58(LC 12)
Max Uplift 3=-18(LC 12), 2=-50(LC 12)
Max Grav 3=59(LC 1), 2=225(LC 1), 4=55(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 2-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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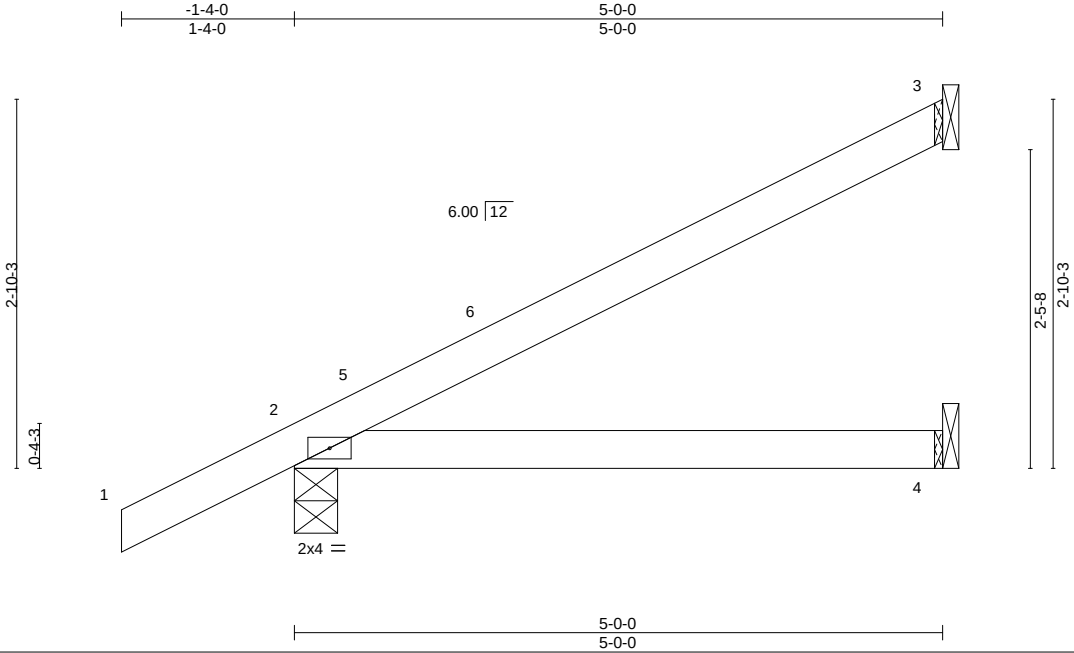
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C5	CORNER JACK	7	1	T39219985
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:32 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-MLXqL9taIR2nlxAN_?7MITenU5hCFwuUfBGbOPyIFHn



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.06	2-4	>921	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 18 lb	FT = 20%

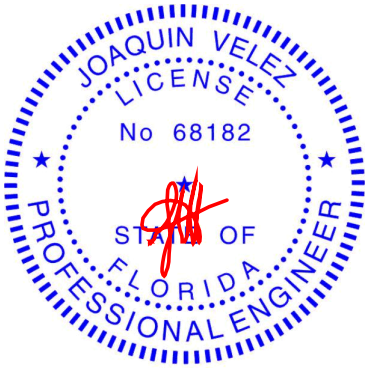
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=83(LC 12)
Max Uplift 3=-45(LC 12), 2=-43(LC 12)
Max Grav 3=129(LC 1), 2=295(LC 1), 4=95(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 4-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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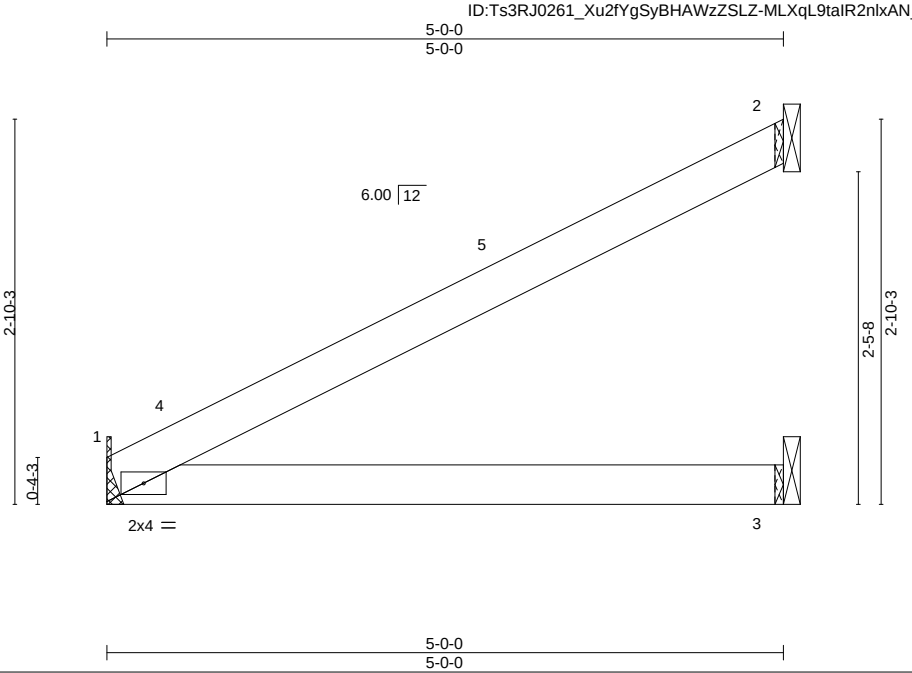
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C5A	CORNER JACK	1	1	T39219986
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:32 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-MLXqL9taIR2nlxAN_?7MITemz5h?FwuUfBGbOPyIFHn



LOADING (psf)		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)	-0.03	1-3	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.29	Vert(CT)	-0.07	1-3	>863	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	1	****	240	Weight: 16 lb	FT = 20%

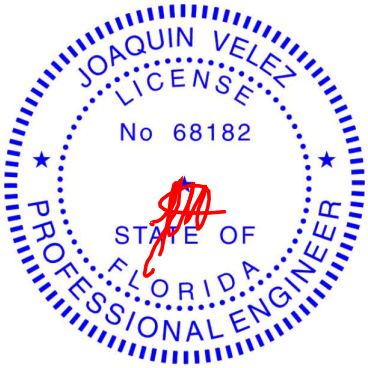
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 1=Mechanical, 2=Mechanical, 3=Mechanical
Max Horz 1=60(LC 12)
Max Uplift 2=-53(LC 12)
Max Grav 1=195(LC 1), 2=146(LC 1), 3=98(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-0-12 to 3-0-12, Zone1 3-0-12 to 4-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) 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) 2.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 3. This connection is for uplift only and does not consider lateral forces.



Joaquin Velez PE No.68182
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Date:

November 18,2025

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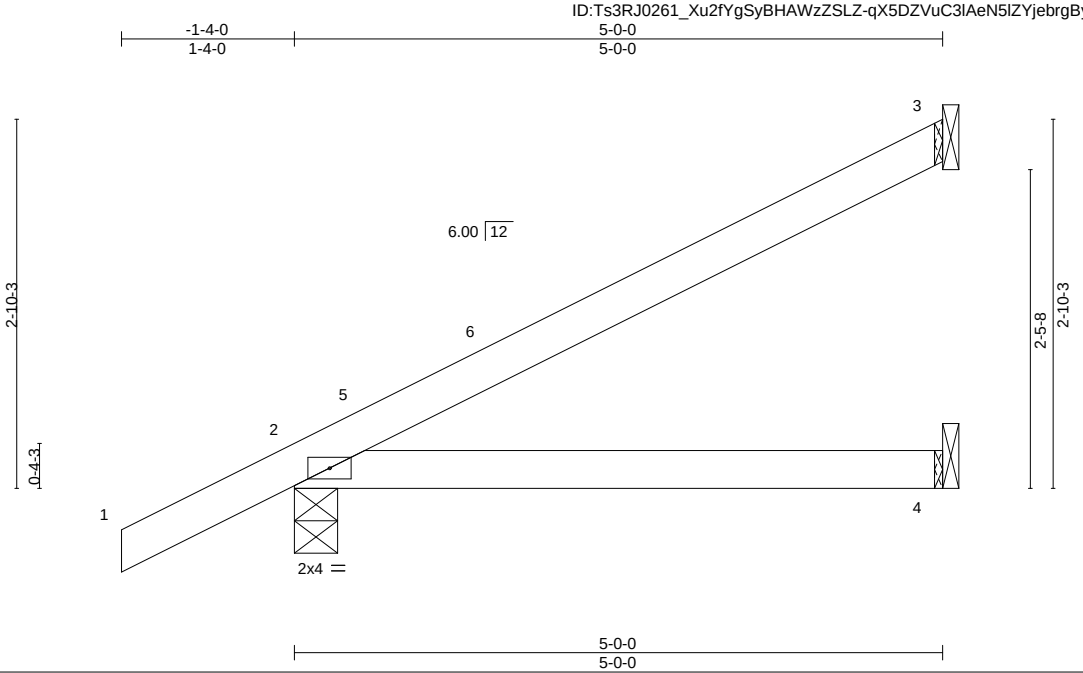
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C5K	Corner Jack	4	1	T39219987
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:33 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-qX5DZVuC3lAeN5lZYjebrgByEV1R_N8etr?8xryIFHm



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.06	2-4	>921	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 18 lb	FT = 20%

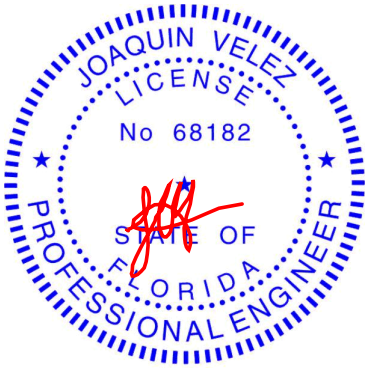
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=83(LC 12)
Max Uplift 3=-45(LC 12), 2=-43(LC 12)
Max Grav 3=129(LC 1), 2=295(LC 1), 4=95(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 4-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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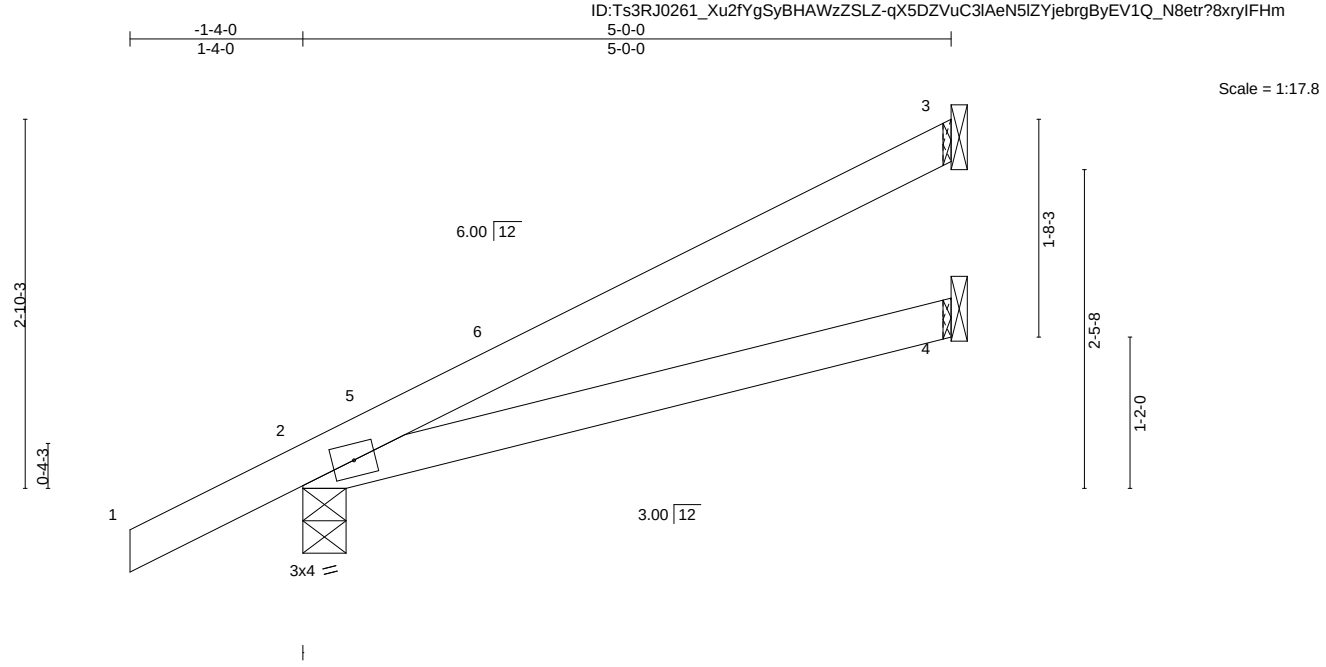
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	C5V	CORNER JACK	2	1	T39219988
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:33 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-qX5DZVuC3lAeN5lZYjebrgByEV1Q_N8etr?8xryIFHm



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.33	Vert(LL)	-0.03	2-4	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.28	Vert(CT)	-0.06	2-4	>894	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 18 lb	FT = 20%

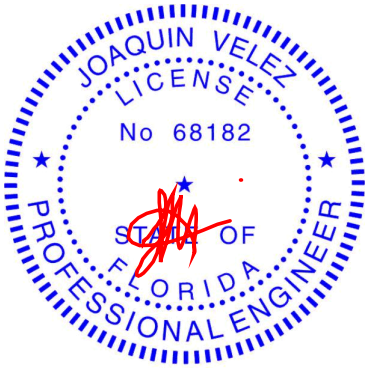
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=82(LC 12)
Max Uplift 3=-45(LC 12), 2=-42(LC 12)
Max Grav 3=129(LC 1), 2=295(LC 1), 4=95(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 4-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	E01	HIP GIRDER	1	1	T39219989
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:34 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-Ijfbmrvqq2JV_FKl6QAqOukAauPpjpln6VliTIyIFHl

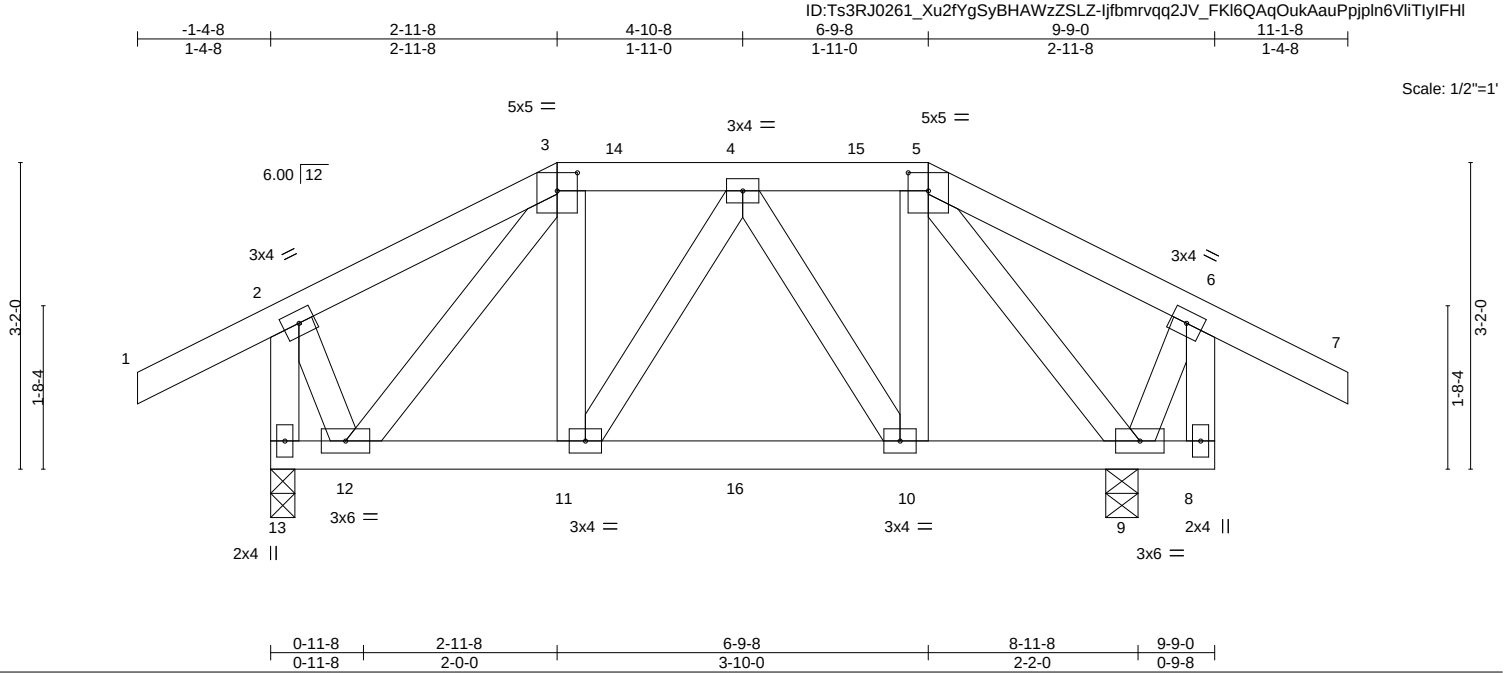


Plate Offsets (X,Y)-- [3:0-2-8,0-2-4], [5:0-2-8,0-2-4]

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	0.17	Vert(LL)	0.01	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.01	10-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.11	Horz(CT)	-0.00	9	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 69 lb	FT = 20%

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

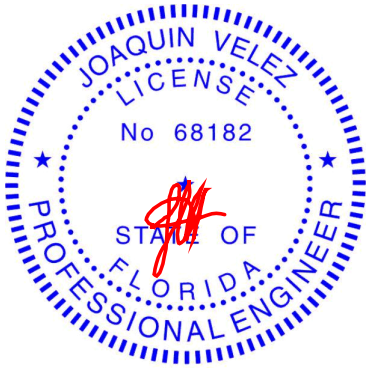
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 13=0-3-0, 9=0-4-0
Max Horz 13=76(LC 7)
Max Uplift 13=-301(LC 8), 9=-340(LC 8)
Max Grav 13=481(LC 19), 9=552(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-293/266, 2-13=-457/289
BOT CHORD 11-12=-254/312, 10-11=-245/320
WEBS 3-12=-303/230, 5-9=-484/336, 2-12=-192/254

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 13 and 9. This connection is for uplift only and does not consider lateral forces.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 200 lb down and 163 lb up at 2-11-8, and 56 lb down and 45 lb up at 4-10-8, and 200 lb down and 163 lb up at 6-9-8 on top chord, and 47 lb down and 165 lb up at 2-11-8, and 16 lb down and 34 lb up at 4-10-8, and 47 lb down and 165 lb up at 6-8-12 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: 1-2=-60, 2-3=-60, 3-5=-60, 5-6=-60, 6-7=-60, 8-13=-20
Concentrated Loads (lb)
Vert: 3=-101(F) 5=-101(F) 11=65(F) 4=-1(F) 10=65(F) 16=-4(F)



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Date: November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	E02	COMMON	1	1	T39219990
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:34 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-Ijfbmrvqq2JV_FKl6QAqOuk9UuPAjosn6VliTIyIFHI

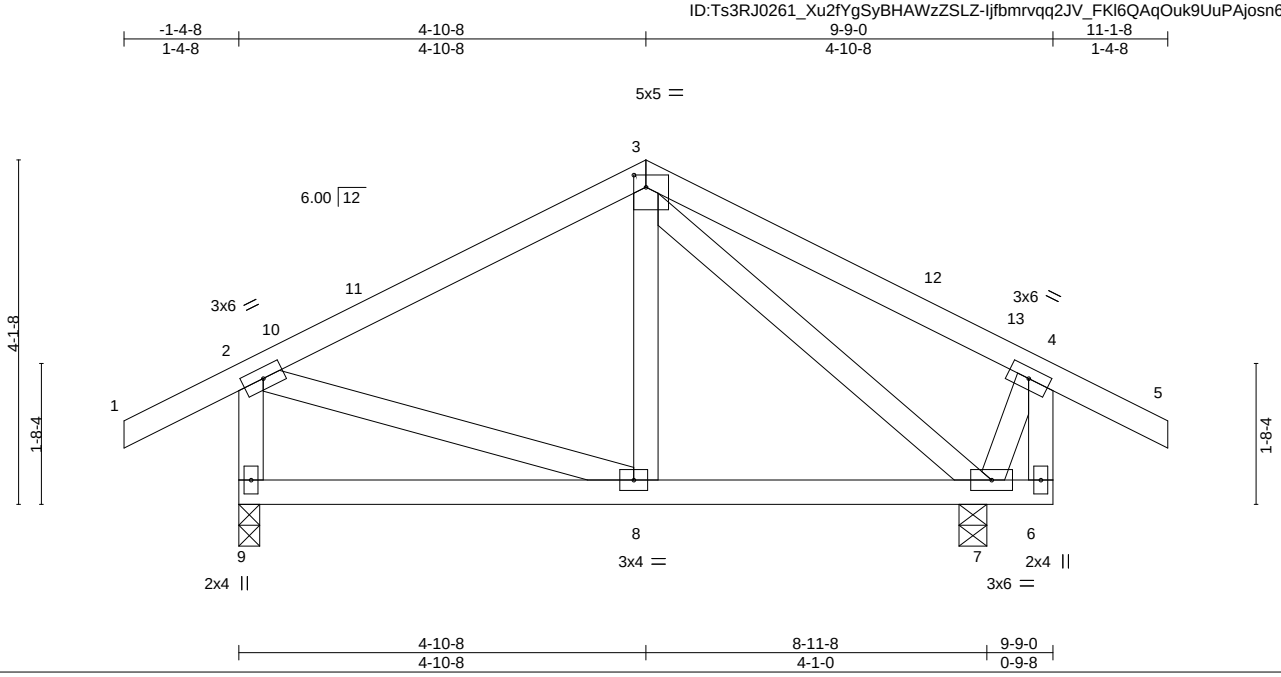


Plate Offsets (X,Y)-- [3:0-1-12,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.24	Vert(LL)	-0.01	8-9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.19	Vert(CT)	-0.03	8-9	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.16	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.01	8-9	>999	240	Weight: 61 lb	FT = 20%

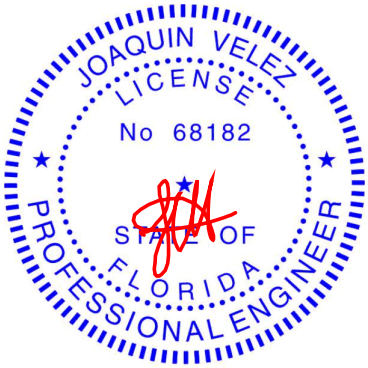
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

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

REACTIONS. (size) 9=0-3-0, 7=0-4-0
Max Horz 9=92(LC 11)
Max Uplift 9=-131(LC 12), 7=-139(LC 12)
Max Grav 9=435(LC 1), 7=504(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-290/196, 2-9=-390/311
WEBS 3-7=-334/190

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-8 to 1-7-8, Zone1 1-7-8 to 4-10-8, Zone2 4-10-8 to 9-1-7, Zone1 9-1-7 to 11-1-8 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 9 and 7. This connection is for uplift only and does not consider lateral forces.



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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	E3E	JACK-OPEN	3	1	T39219991
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:35 2025 Page 1
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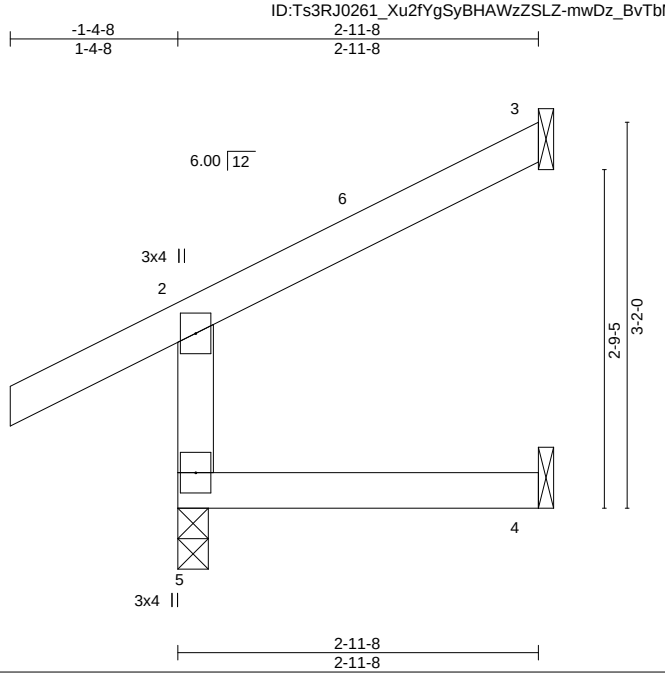


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	0.01	4-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.18	Vert(CT)	-0.01	4-5	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.03	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-R							Weight: 14 lb	FT = 20%

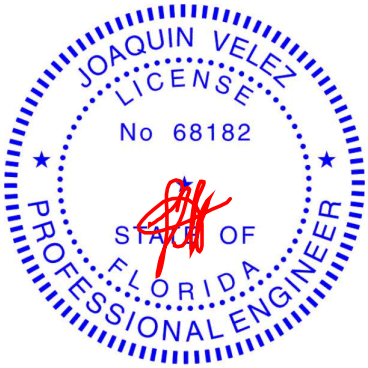
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-11-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-3-0, 3=Mechanical, 4=Mechanical
Max Horz 5=89(LC 12)
Max Uplift 5=-39(LC 12), 3=-35(LC 12), 4=-25(LC 12)
Max Grav 5=226(LC 1), 3=64(LC 17), 4=51(LC 3)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-8 to 1-7-8, Zone1 1-7-8 to 2-10-12 zone; cantilever left exposed ; end vertical left exposed; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) 3.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 4. This connection is for uplift only and does not consider lateral forces.



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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	E7	JACK-OPEN	40	1	T39219992
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:35 2025 Page 1
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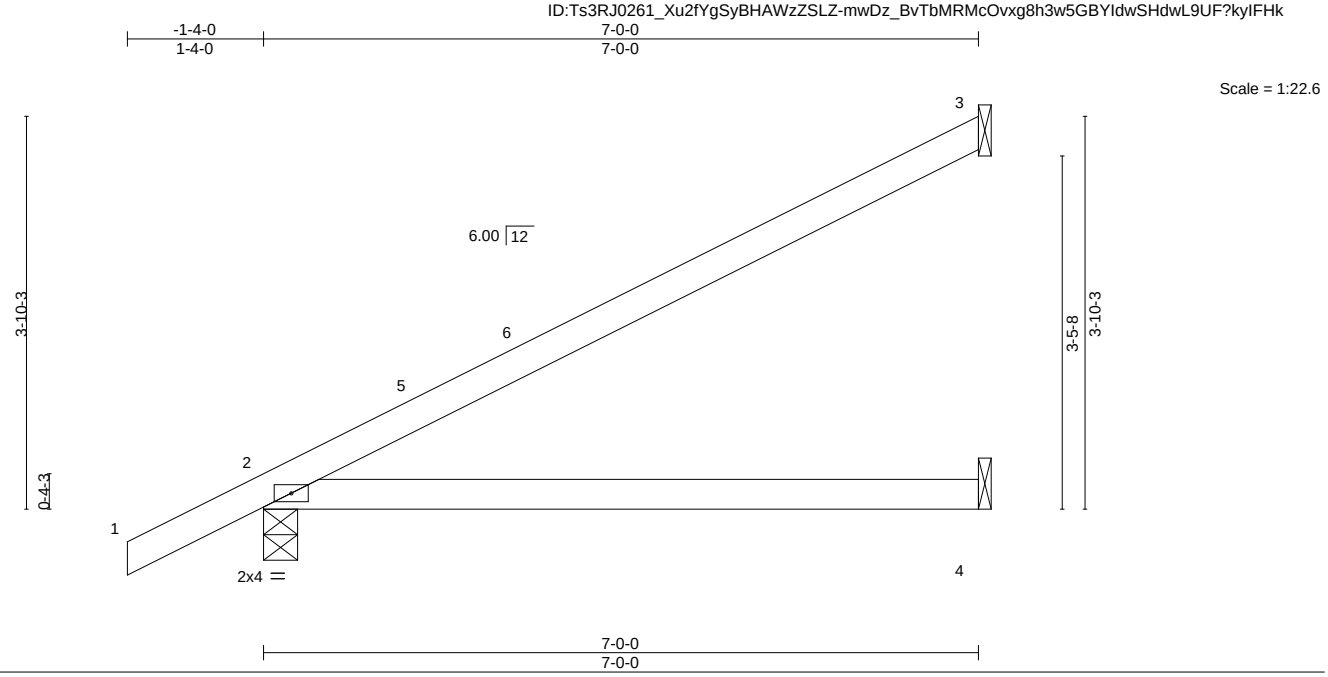


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.79	Vert(LL)	-0.13	2-4	>645	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.25	2-4	>322	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 24 lb	FT = 20%

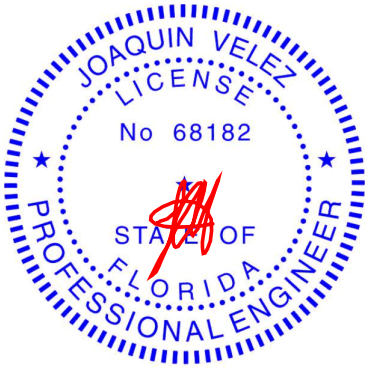
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=107(LC 12)
Max Uplift 3=-68(LC 12), 2=-38(LC 12)
Max Grav 3=193(LC 1), 2=371(LC 1), 4=135(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 6-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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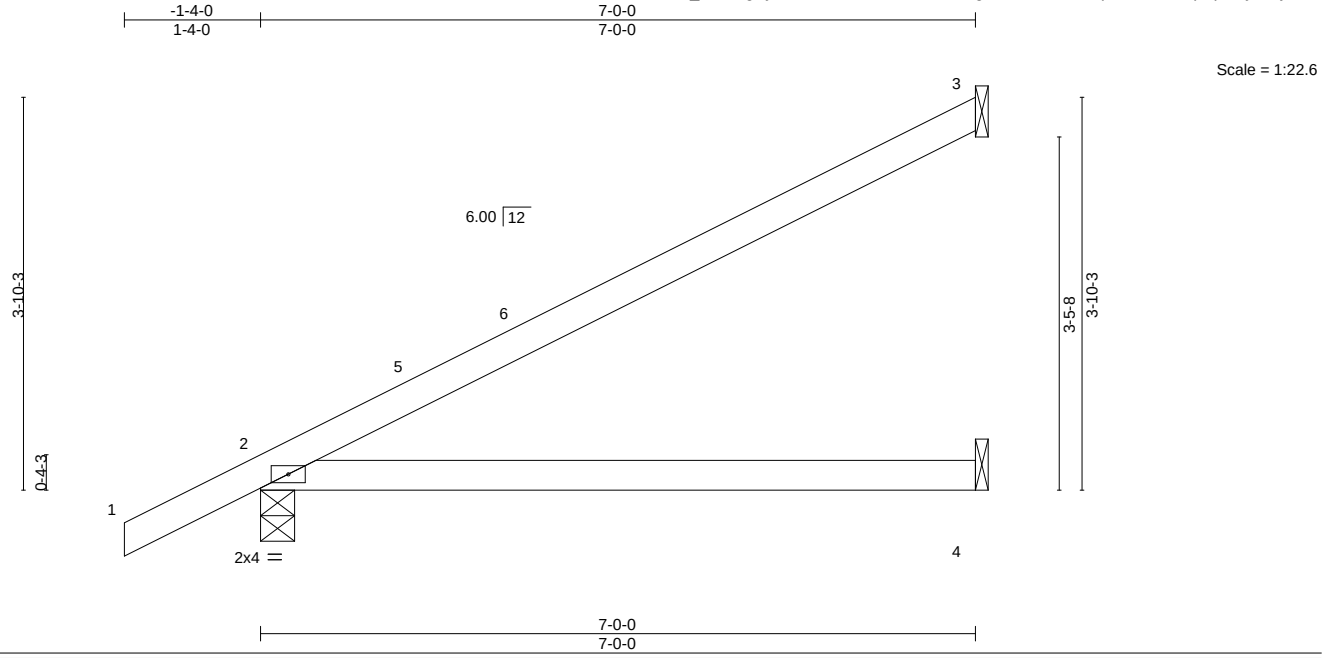
Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	E7K	Jack-Open	5	1	T39219993
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:36 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-F6nLBXw5MgZDEYT8DrCITJpMIiz9Bkt4apEpYAyIFHj



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.79	Vert(LL)	-0.13	2-4	>645	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.25	2-4	>322	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 24 lb	FT = 20%

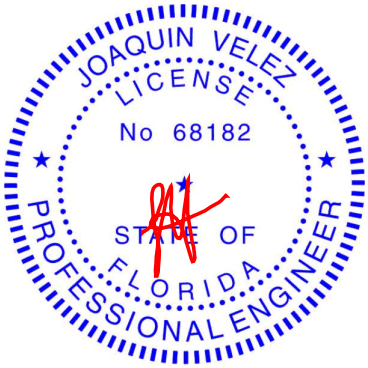
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=107(LC 12)
Max Uplift 3=-68(LC 12), 2=-38(LC 12)
Max Grav 3=193(LC 1), 2=371(LC 1), 4=135(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 6-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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November 18,2025

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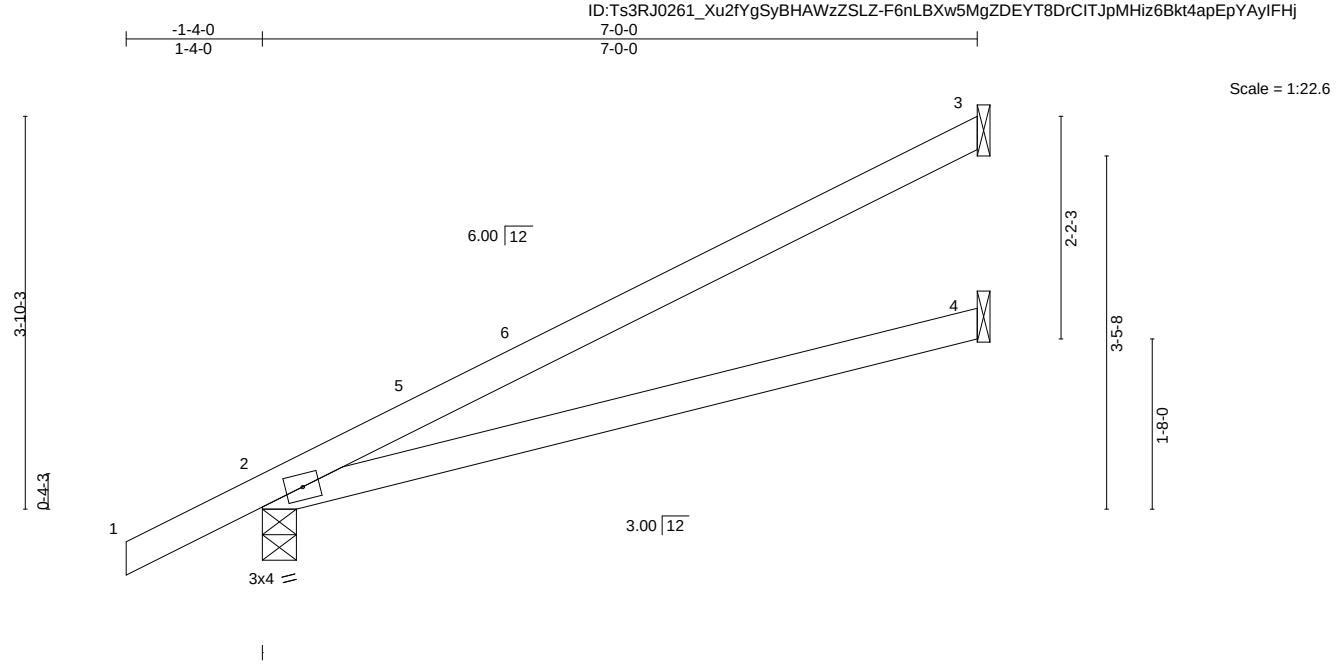
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	E7V	JACK-OPEN	4	1	T39219994
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:36 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-F6nLBXw5MgZDEYT8DrCITJpMHiz6Bkt4apEpYAyIFHj



LOADING (psf)		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)	-0.13	2-4	>625	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.60	Vert(CT)	-0.26	2-4	>313	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P		Wind(LL)	0.00	2	****	240	Weight: 25 lb	FT = 20%

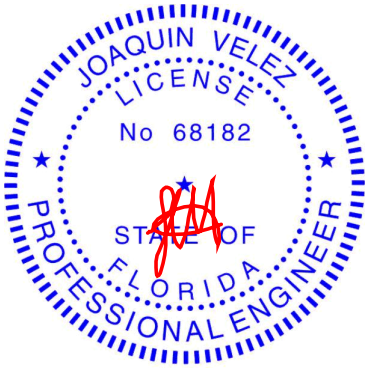
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2

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

REACTIONS. (size) 3=Mechanical, 2=0-4-0, 4=Mechanical
Max Horz 2=106(LC 12)
Max Uplift 3=-69(LC 12), 2=-37(LC 12)
Max Grav 3=193(LC 1), 2=371(LC 1), 4=135(LC 3)

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

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 6-11-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 4 and 2. This connection is for uplift only and does not consider lateral forces.



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Date:

November 18,2025

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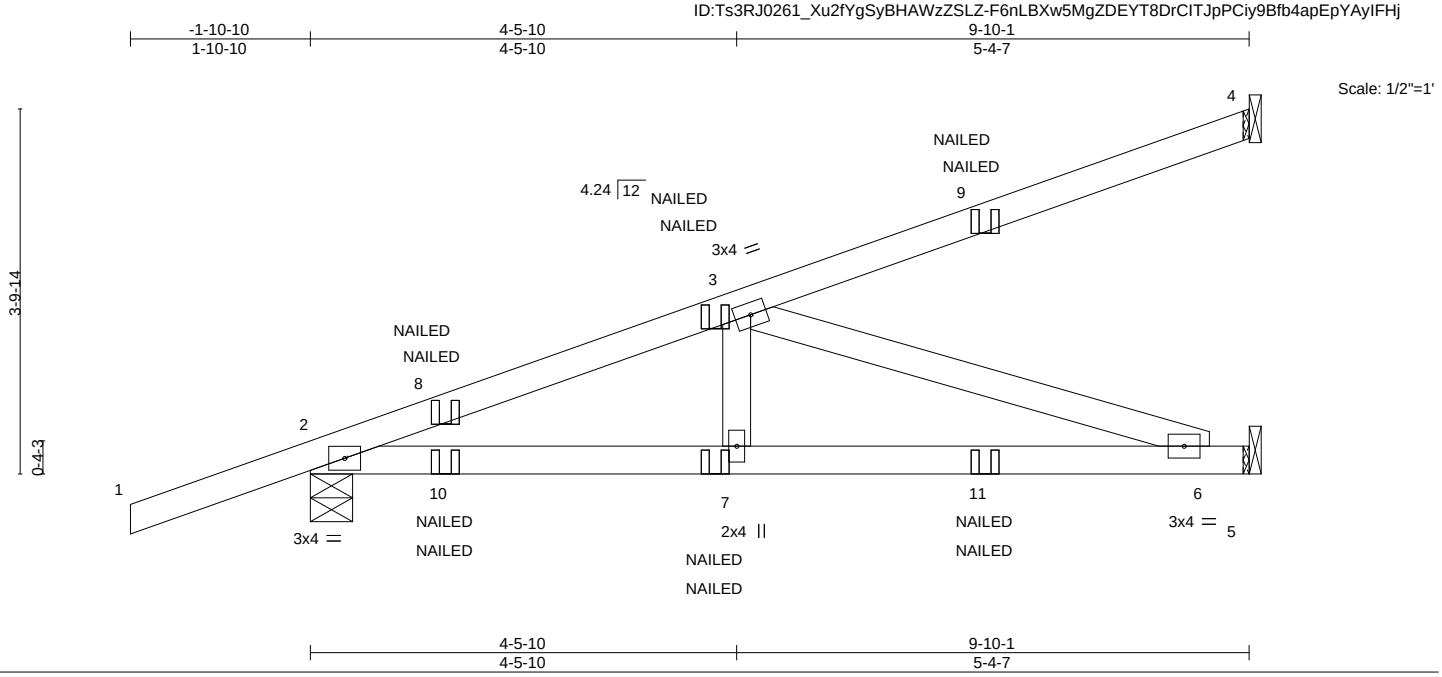
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	H7	DIAGONAL HIP GIRDER	4	1	T39219995
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:36 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-F6nLBXw5MgZDEYT8DrCITJpPCiy9Bfb4apEpYAyIFHj



LOADING (psf)		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)	-0.06	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.66	Vert(CT)	-0.14	6-7	>842	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.34	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.02	6-7	>999	240	Weight: 43 lb	FT = 20%

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

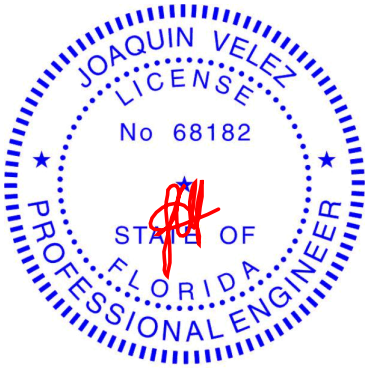
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-5-5, 5=Mechanical
Max Horz 2=106(LC 8)
Max Uplift 4=-48(LC 8), 2=-137(LC 8)
Max Grav 4=161(LC 1), 2=441(LC 1), 5=277(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-710/30
BOT CHORD 2-7=-79/656, 6-7=-79/656
WEBS 3-7=0/293, 3-6=-690/83

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 2. This connection is for uplift only and does not consider lateral forces.
8) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 8=124(F=62, B=62) 9=-58(F=-29, B=-29) 11=-39(F=-19, B=-19)



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Date:

November 18,2025

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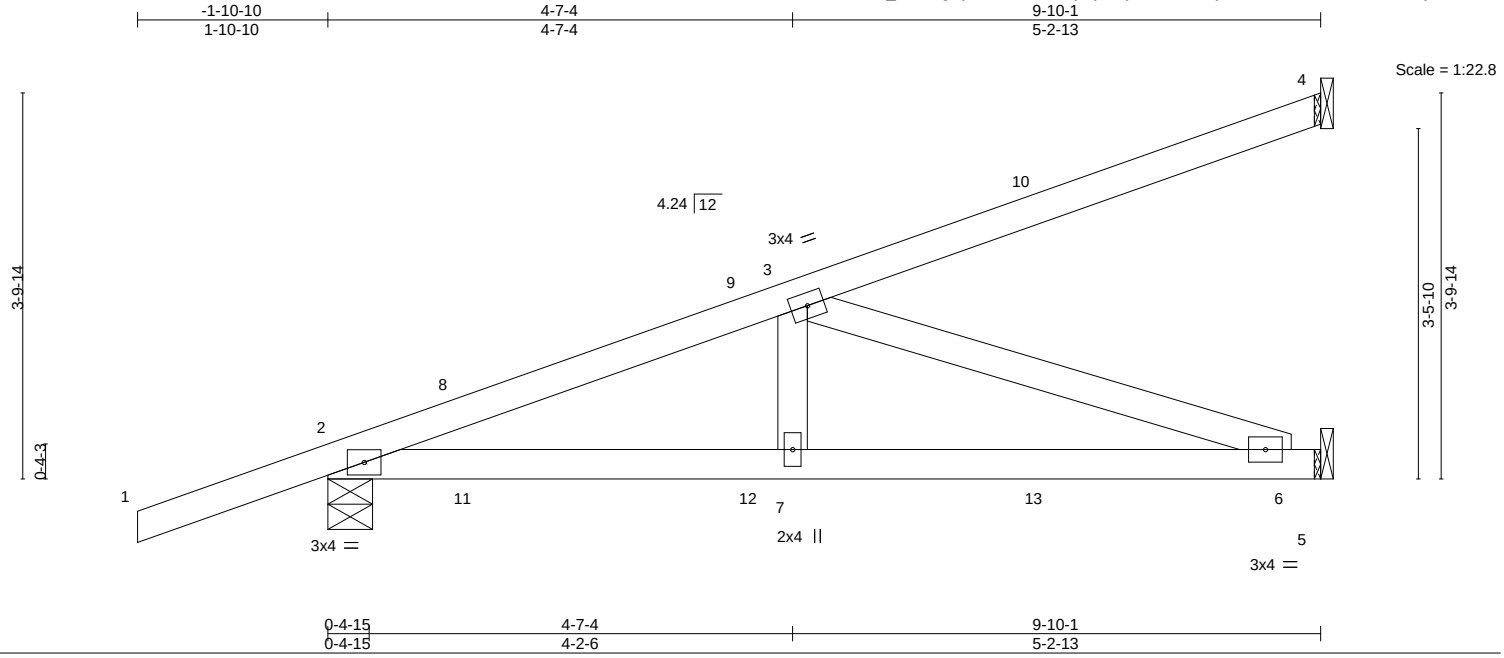
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	H7K	Diagonal Hip Girder	2	1	T39219996
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:37 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-jIKjPsxj7zh4ri2KnYjX?WMZN6J8w6VDoTzM4cyIFHi



LOADING (psf)		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)	-0.05	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.62	Vert(CT)	-0.12	6-7	>986	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.36	Horz(CT)	0.01	5	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.02	6-7	>999	240	Weight: 43 lb	FT = 20%

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

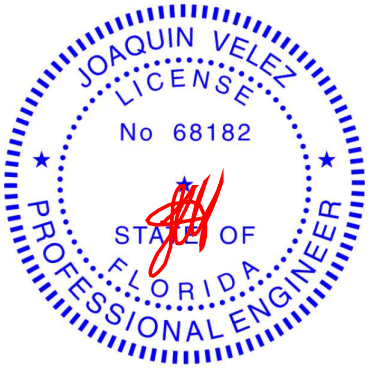
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-5-5, 5=Mechanical
Max Horz 2=106(LC 27)
Max Uplift 4=-113(LC 8), 2=-100(LC 8)
Max Grav 4=318(LC 1), 2=491(LC 1), 5=290(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-776/8
BOT CHORD 2-7=-70/696, 6-7=-70/696
WEBS 3-7=0/291, 3-6=-734/74

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=113.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 2. This connection is for uplift only and does not consider lateral forces.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 53 lb down and 115 lb up at 1-4-15, 53 lb down and 115 lb up at 1-4-15, 54 lb down and 30 lb up at 4-2-15, 54 lb down and 30 lb up at 4-2-15, 89 lb down and 67 lb up at 7-0-14, and 89 lb down and 67 lb up at 7-0-14, and 153 lb down and 84 lb up at 9-9-5 on top chord, and at 1-4-15, at 1-4-15, 11 lb down at 4-2-15, 11 lb down at 4-2-15, and 39 lb down at 7-0-14, and 39 lb down at 7-0-14 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 4=-153(B) 8=77(F=38, B=38) 10=-88(F=-44, B=-44) 13=-39(F=-19, B=-19)



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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	H7V	DIAGONAL HIP GIRDER	1	1	T39219997 Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:37 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-jIKjPsxj7zh4ri2KnYjX?WMZy6Fdw3JDoTzM4cyIFHi

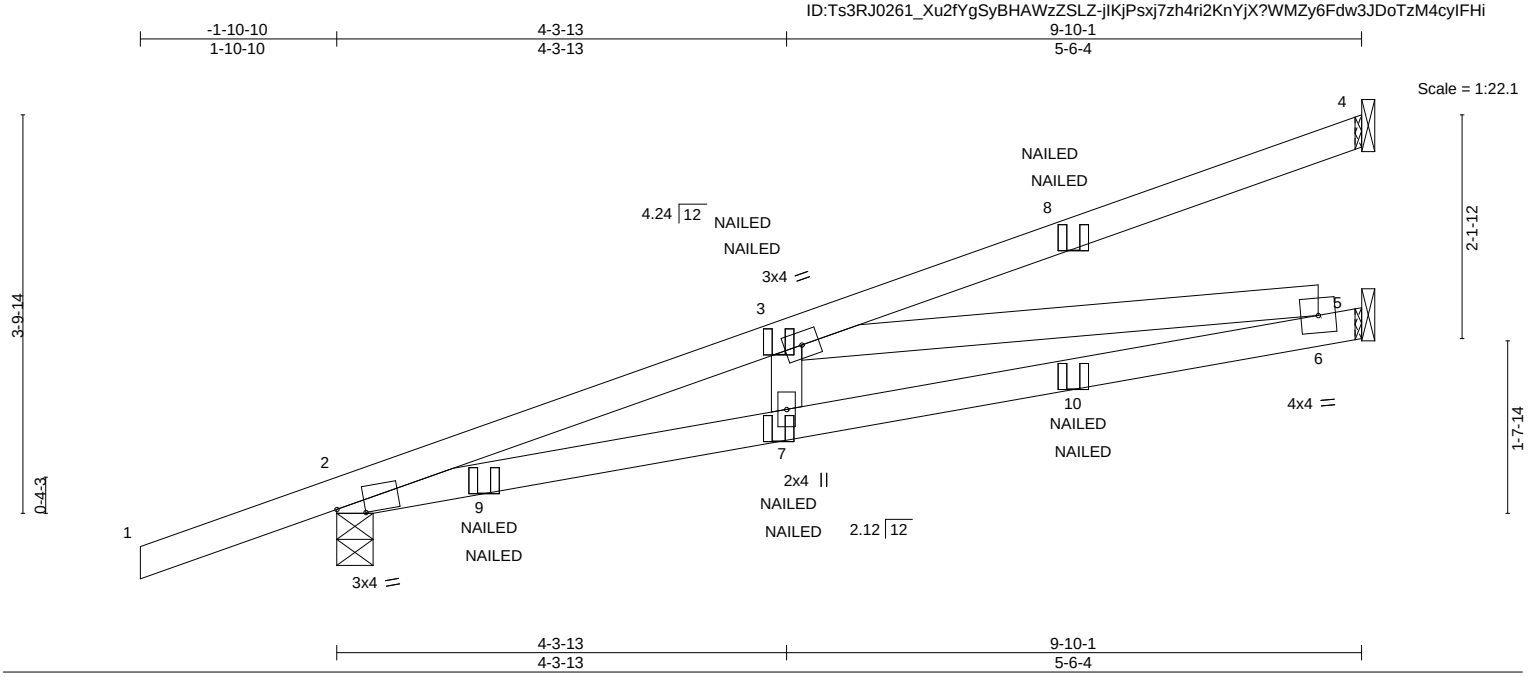


Plate Offsets (X,Y)-- [2:0-3-4,0-0-15]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.67	Vert(LL)	-0.08	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.84	Vert(CT)	-0.19	6-7	>595	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.56	Horz(CT)	0.02	5	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S		Wind(LL)	0.04	6-7	>999	240	Weight: 42 lb	FT = 20%

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

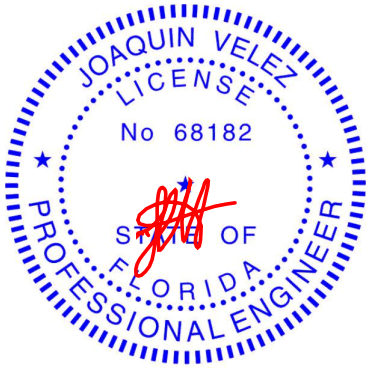
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 2=0-4-3, 5=Mechanical
Max Horz 2=106(LC 8)
Max Uplift 4=-53(LC 8), 2=-151(LC 8)
Max Grav 4=169(LC 1), 2=460(LC 1), 5=278(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1293/111
BOT CHORD 2-7=-172/1193, 6-7=-177/1192
WEBS 3-7=0/256, 3-6=-1166/166

NOTES-
1) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
2) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Refer to girder(s) for truss to truss connections.
6) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 2. This connection is for uplift only and does not consider lateral forces.
9) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-4=-60, 2-5=-20
Concentrated Loads (lb)
Vert: 8=-58(F=-29, B=-29) 9=101(F=51, B=51) 10=-39(F=-19, B=-19)



Joaquin Velez PE No.68182
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Date:

November 18,2025

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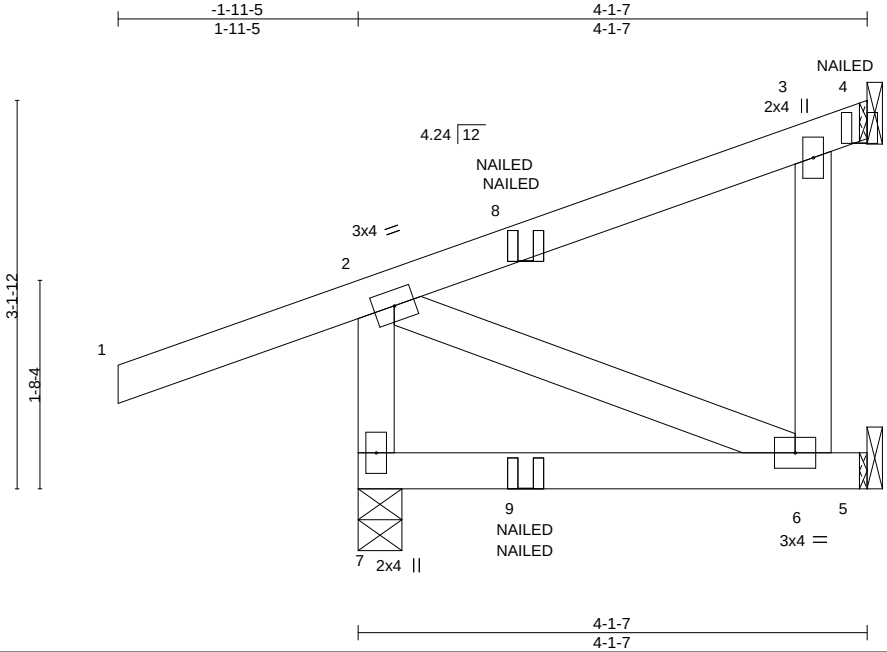
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	HJ3E	DIAGONAL HIP GIRDER	2	1	T39219998 Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:38 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-BVu6cCyLuHpxTsdWLGEmYkunCWn0fe9N17jvc3yIFHh



LOADING (psf)		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)	0.02	6-7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.13	Vert(CT)	-0.02	6-7	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.01	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-P							Weight: 26 lb	FT = 20%

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

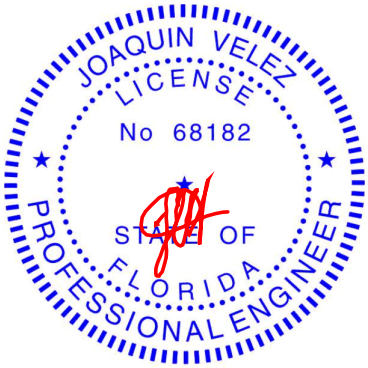
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 7=0-4-4, 5=Mechanical
Max Horz 7=88(LC 8)
Max Uplift 4=-80(LC 9), 7=-157(LC 8), 5=-142(LC 23)
Max Grav 4=185(LC 23), 7=254(LC 1), 5=8(LC 31)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left exposed ; end vertical left exposed; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) 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) 4.
8) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 5 and 7. This connection is for uplift only and does not consider lateral forces.
9) "NAILED" indicates 3-10d (0.148"x3") or 2-12d (0.148"x3.25") toe-nails per NDS guidlines.
10) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-60, 2-3=-60, 3-4=-60, 5-7=-20
Concentrated Loads (lb)
Vert: 4=-20(B) 8=89(F=44, B=44)



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Date:

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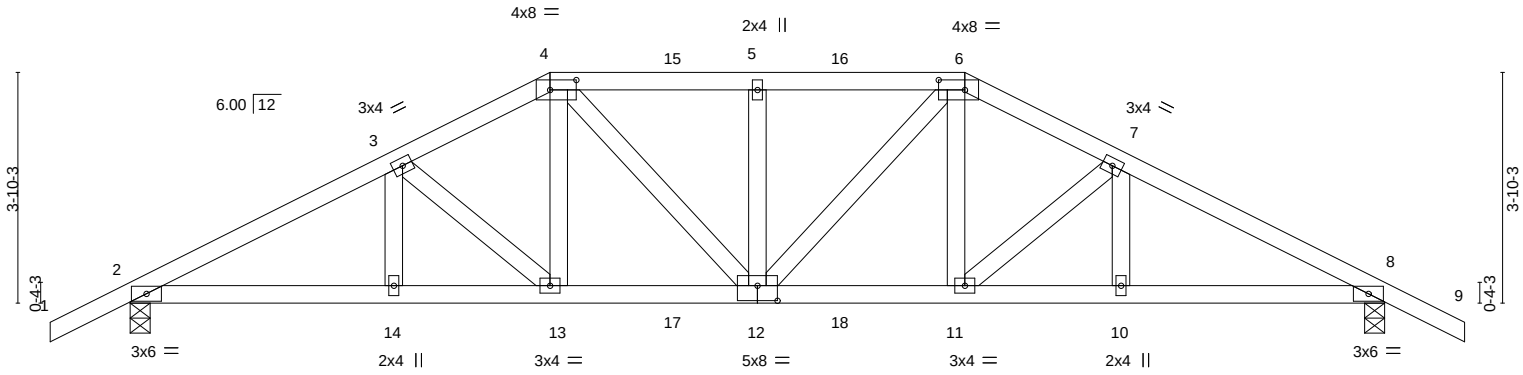
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	K01	Hip Girder	1	1	T39219999
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:39 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-fhSUpYyzebxo50Cjvzl?5xRzyvyKO2dWGnST8VyIFHg

-1-4-0	4-4-12	7-0-0	10-5-8	13-11-0	16-6-4	20-11-0	22-3-0
1-4-0	4-4-12	2-7-4	3-5-8	3-5-8	2-7-4	4-4-12	1-4-0

Scale = 1:38.4



4-4-12	7-0-0	10-5-8	13-11-0	16-6-4	20-11-0
4-4-12	2-7-4	3-5-8	3-5-8	2-7-4	4-4-12

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

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	0.45	Vert(LL)	-0.12	12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.83	Vert(CT)	-0.24	12	>999	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.13	Horz(CT)	0.10	8	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.07	12	>999	240	Weight: 113 lb	FT = 20%

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

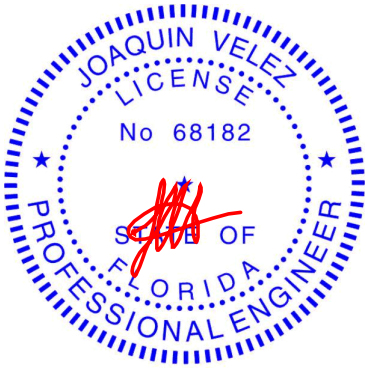
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-4-0, 8=0-4-0
Max Horz 2=69(LC 26)
Max Uplift 2=-157(LC 8), 8=-157(LC 8)
Max Grav 2=1855(LC 1), 8=1855(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3444/220, 3-4=-3240/245, 4-5=-3232/260, 5-6=-3232/260, 6-7=-3240/245, 7-8=-3444/220
BOT CHORD 2-14=-135/2988, 13-14=-135/2988, 12-13=-123/2885, 11-12=-116/2885, 10-11=-135/2988, 8-10=-135/2988
WEBS 3-13=-263/103, 4-13=0/568, 4-12=-62/536, 5-12=-539/190, 6-12=-62/536, 6-11=0/568, 7-11=-263/103

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2 and 8. This connection is for uplift only and does not consider lateral forces.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 413 lb down and 240 lb up at 7-0-0, 133 lb down and 89 lb up at 9-0-12, 133 lb down and 89 lb up at 10-5-8, and 133 lb down and 89 lb up at 11-10-4, and 413 lb down and 240 lb up at 13-11-0 on top chord, and 329 lb down at 7-0-0, 95 lb down at 9-0-12, 95 lb down at 10-5-8, and 95 lb down at 11-10-4, and 329 lb down at 13-10-4 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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Continued on page 2

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LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-4=-60, 4-6=-60, 6-9=-60, 2-8=-20

Concentrated Loads (lb)

Vert: 4=-366(F) 6=-366(F) 13=-304(F) 12=-48(F) 5=-133(F) 11=-304(F) 15=-133(F) 16=-133(F) 17=-48(F) 18=-48(F)

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	K02	Hip	1	1	T39220000
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:39 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-fhSUpYyzebxo50CjvzI?5xR0Mv3VO1XWGnST8VyIFHg

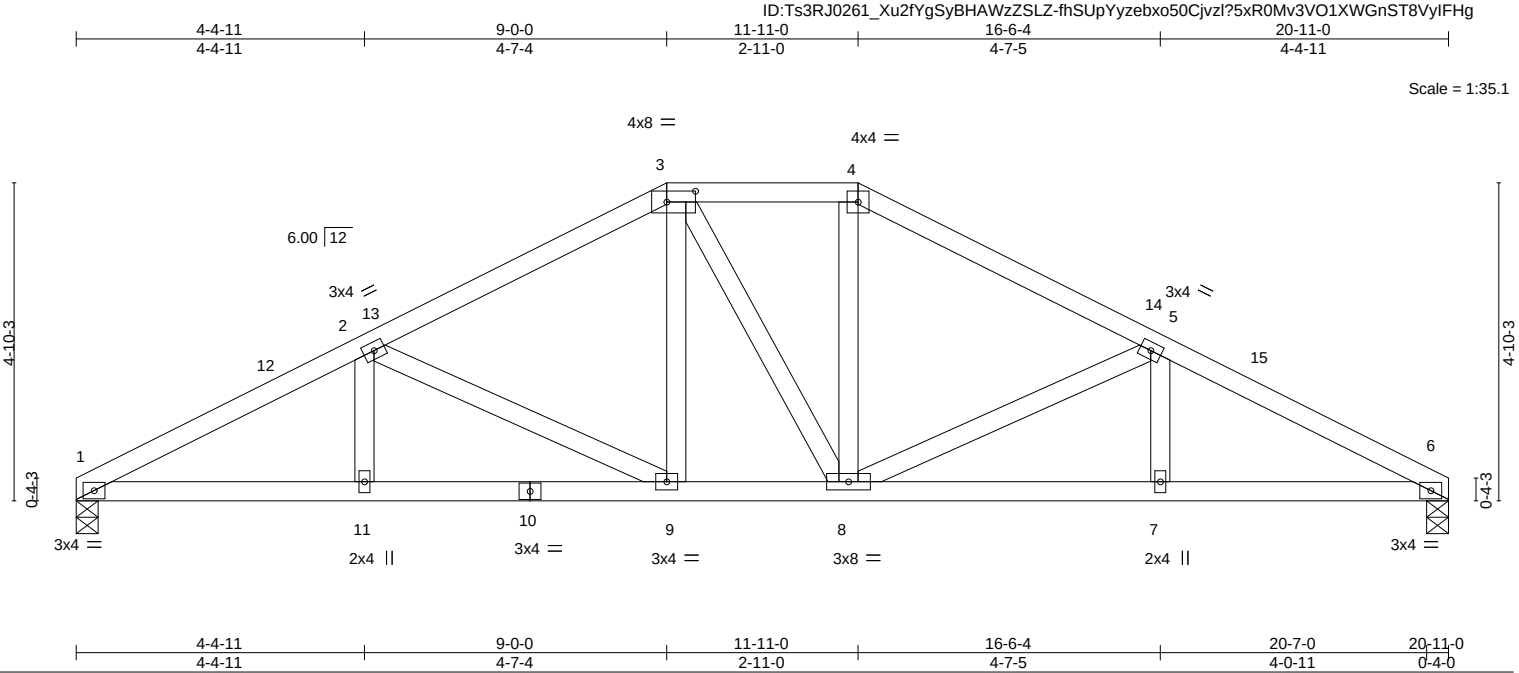


Plate Offsets (X,Y)-- [3:0-5-4,0-2-0]

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	0.23	Vert(LL)	-0.04	9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.37	Vert(CT)	-0.10	9-11	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.03	9	>999	240	Weight: 106 lb	FT = 20%

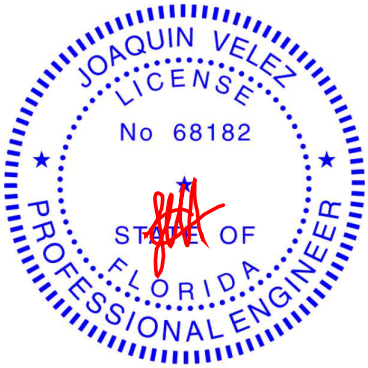
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-4-0, 6=0-4-0
Max Horz 1=-75(LC 10)
Max Uplift 1=-36(LC 12), 6=-36(LC 12)
Max Grav 1=823(LC 1), 6=823(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1505/140, 2-3=-1099/138, 3-4=-930/147, 4-5=-1100/138, 5-6=-1504/140
BOT CHORD 1-11=-96/1298, 9-11=-96/1298, 8-9=-26/929, 7-8=-93/1298, 6-7=-93/1298
WEBS 2-9=-422/77, 3-9=0/274, 4-8=0/275, 5-8=-421/77

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-2-0 to 3-2-0, Zone1 3-2-0 to 9-0-0, Zone3 9-0-0 to 11-11-0, Zone2 11-11-0 to 16-1-15, Zone1 16-1-15 to 20-9-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) One RT7 MiTek connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 1 and 6. This connection is for uplift only and does not consider lateral forces.



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Date:

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	K03	Hip Girder	1	2	T39220001
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:40 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-7t0s1uzbPu3fiAnvShGEd9z3pJLY7S_fURC0hxyIFHf

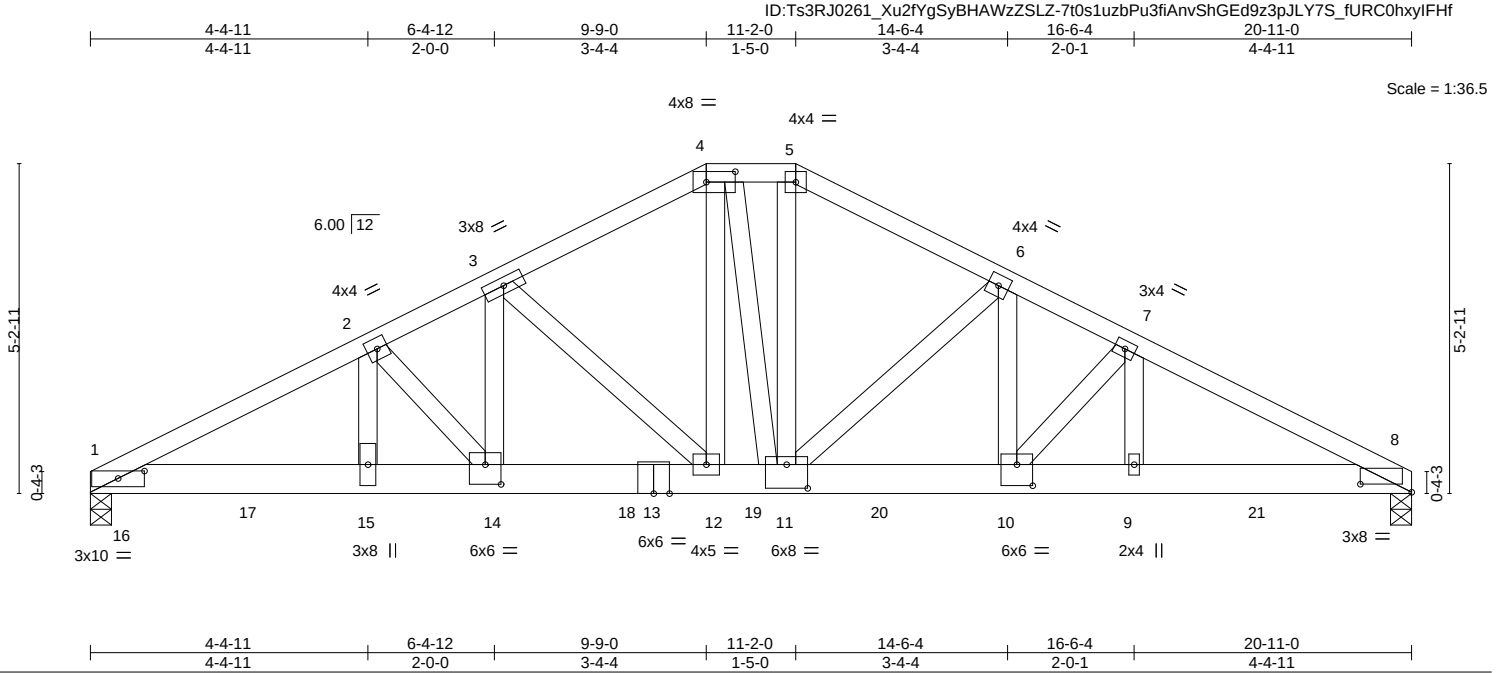


Plate Offsets (X,Y)-- [1:0-5-0,0-1-7], [4:0-5-8,0-2-0], [8:0-9-12,0-1-9], [10:0-3-0,0-4-0], [11:0-4-0,0-4-8], [14:0-3-0,0-3-12]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)	-0.13	12-14	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.64	Vert(CT)	-0.28	12-14	>881	240		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.38	Horz(CT)	0.07	8	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S		Wind(LL)	0.05	10-11	>999	240	Weight: 276 lb	FT = 20%

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

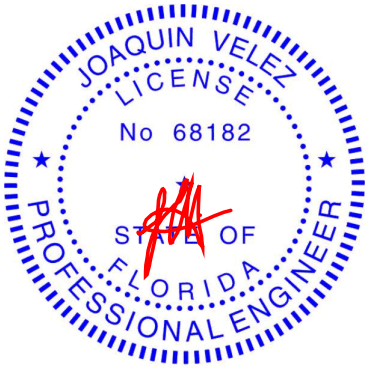
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-4-0, 8=0-4-0
Max Horz 1=80(LC 7)
Max Grav 1=6795(LC 2), 8=4676(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-11134/0, 2-3=-9667/0, 3-4=-7160/0, 4-5=-6520/0, 5-6=-7221/0, 6-7=-9101/0, 7-8=-9250/0
BOT CHORD 1-15=0/9883, 14-15=0/9883, 12-14=0/8635, 11-12=0/6445, 10-11=0/8123, 9-10=0/8187, 8-9=0/8187
WEBS 2-15=0/2032, 2-14=-1942/0, 3-14=0/3156, 3-12=-3210/0, 4-12=0/2974, 4-11=-512/366, 5-11=0/2995, 6-11=-2289/178, 6-10=-130/2223

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 0-2-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional); cantilever left and right exposed ; Lumber DOL=1.60 plate grip DOL=1.60
5) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
6) Provide adequate drainage to prevent water ponding.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1212 lb down at 0-6-4, 1230 lb down at 2-6-4, 1230 lb down at 4-6-4, 1230 lb down at 6-6-4, 1230 lb down at 8-6-4, 921 lb down and 60 lb up at 10-6-4, 921 lb down and 60 lb up at 12-6-4, 1769 lb down and 95 lb up at 14-6-4, 175 lb down at 16-5-15, and 95 lb down at 18-5-15, and 174 lb down and 77 lb up at 20-9-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard



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Continued on page 2

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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.25, Plate Increase=1.25
   Uniform Loads (plf)
   Vert: 1-4=-60, 4-5=-60, 5-8=-60, 1-8=-20
   Concentrated Loads (lb)
   Vert: 8=-174 15=-1153(B) 14=-1153(B) 10=-1769(B) 9=-175(B) 16=-1136(B) 17=-1153(B) 18=-1153(B) 19=-921(B) 20=-921(B) 21=-95(B)

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	PB1	Piggyback	1	1	T39220002
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:40 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-7t0s1uzbPu3fiAnvShGEd9zDuJSG7XXfURC0hxyIFHf

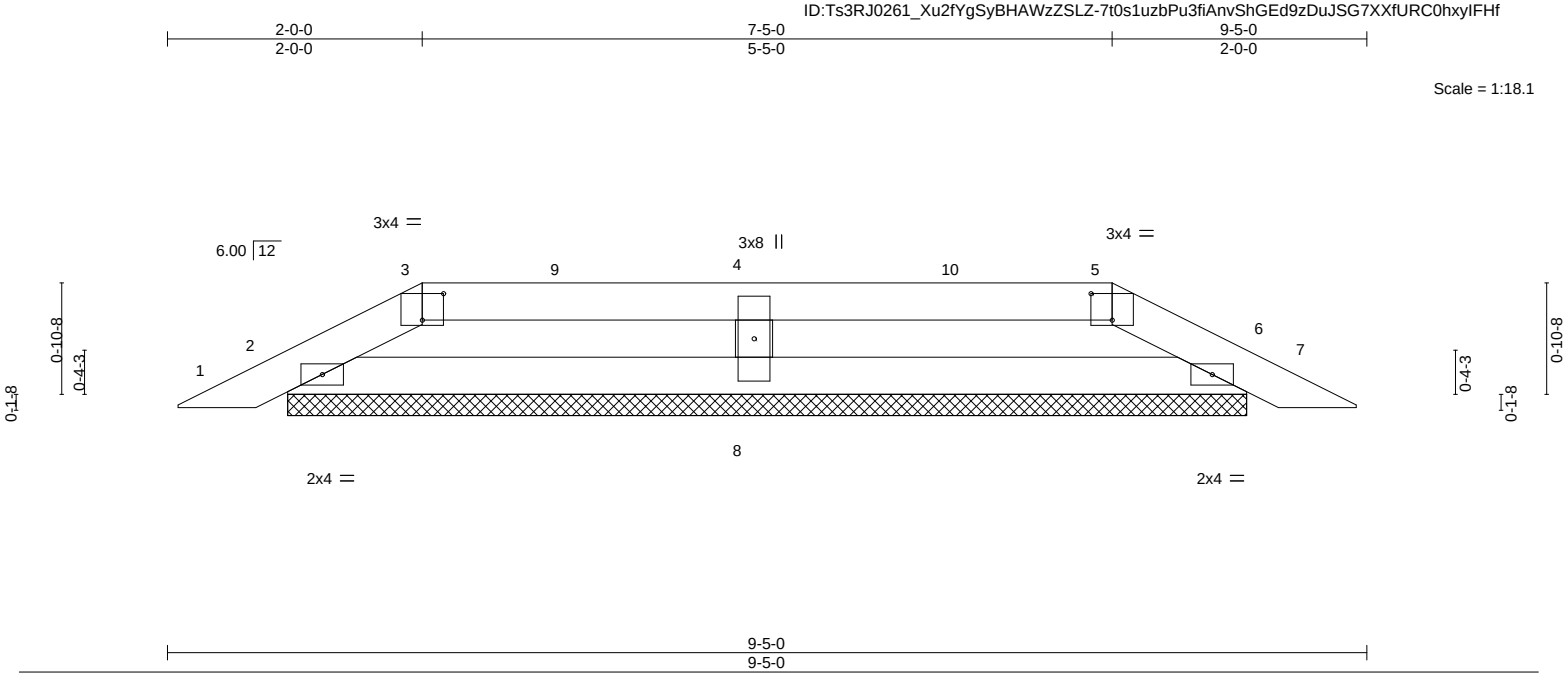


Plate Offsets (X,Y)-- [3:0-2-0,0-2-8], [5:0-2-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.12	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	0.00	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 26 lb	FT = 20%

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

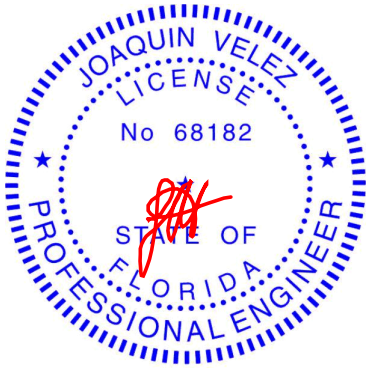
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=7-6-6, 6=7-6-6, 8=7-6-6
Max Horz 2=14(LC 11)
Max Uplift 2=-29(LC 12), 6=-29(LC 12), 8=-8(LC 9)
Max Grav 2=182(LC 1), 6=190(LC 1), 8=297(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-4-11 to 2-0-0, Zone2 2-0-0 to 6-2-15, Zone1 6-2-15 to 7-5-0, Zone3 7-5-0 to 9-0-5 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) N/A

9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

November 18,2025

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Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	PB2	Piggyback	1	1	T39220003
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:41 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-b4aEEE_DACBVKJM50OoTAMWOCjoVs_rpj5xZDOyIFHe

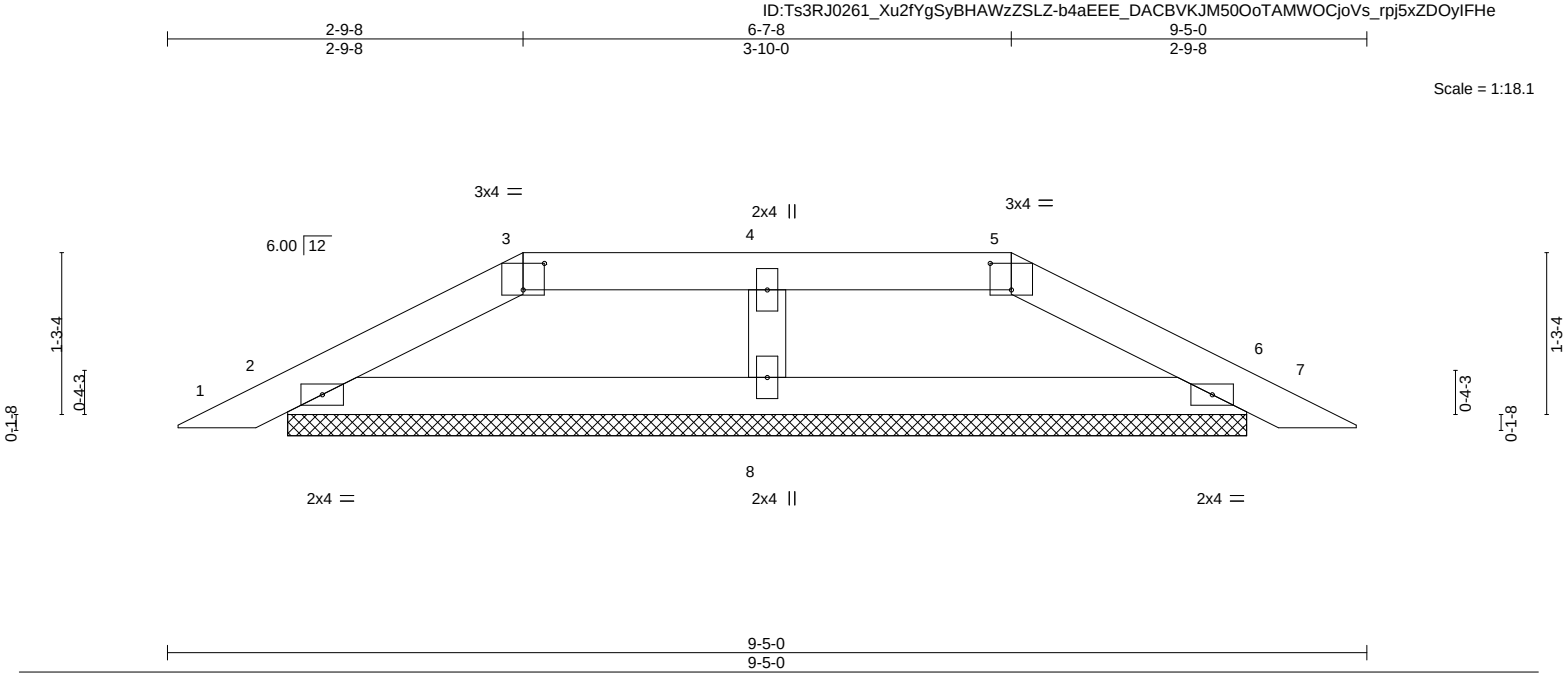


Plate Offsets (X,Y)-- [3:0-2-0,0-2-8], [5:0-2-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.08	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	0.00	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 27 lb	FT = 20%

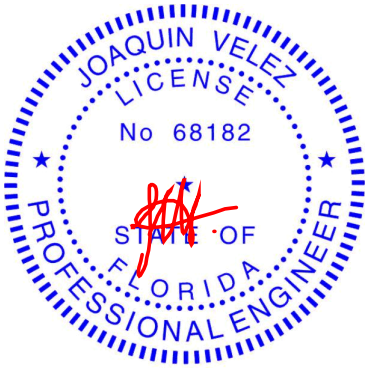
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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

REACTIONS. (size) 2=7-6-6, 6=7-6-6, 8=7-6-6
Max Horz 2=-20(LC 10)
Max Uplift 2=-35(LC 12), 6=-35(LC 12)
Max Grav 2=209(LC 1), 6=209(LC 1), 8=252(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) N/A
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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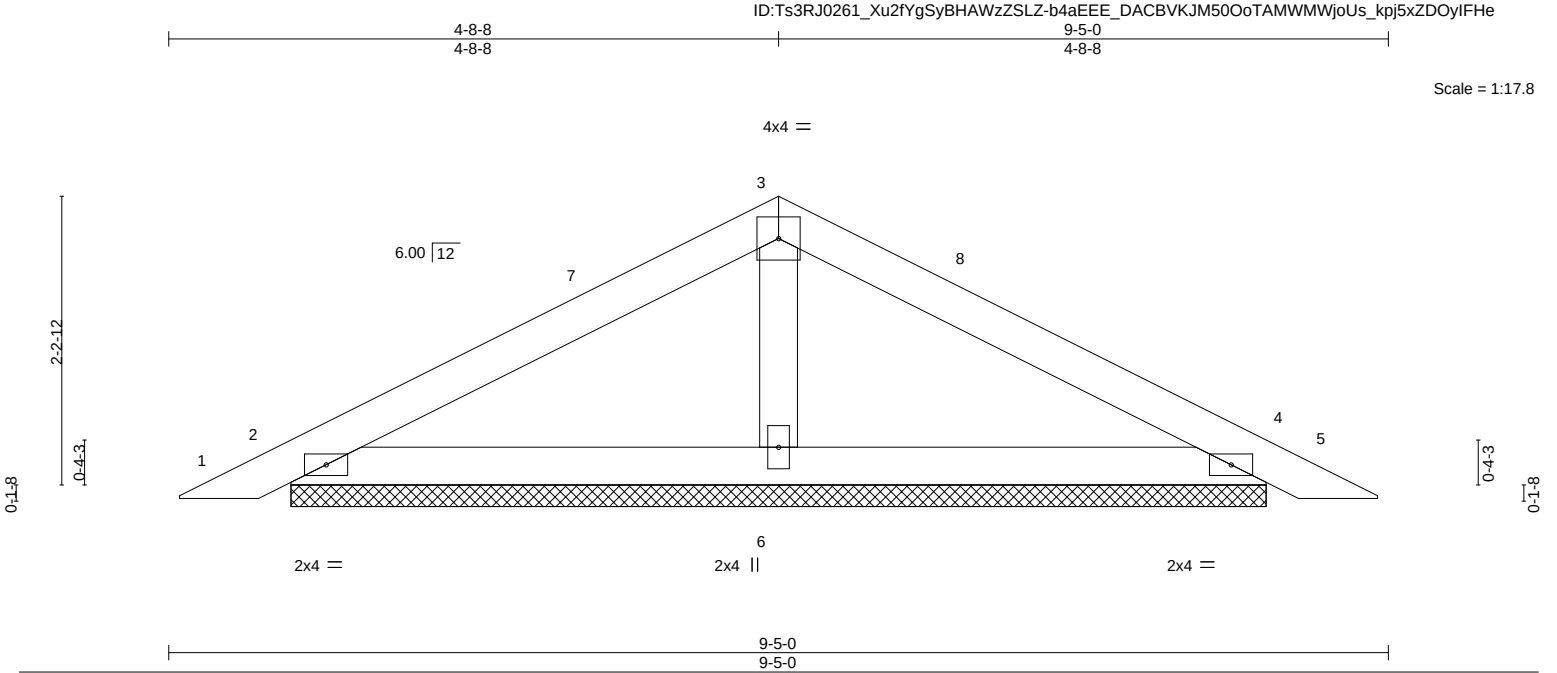
Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	PB3	Piggyback	4	1	T39220004
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:41 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-b4aEEE_DACBVKJM50OoTAMWMWjoUs_kpj5xZDOyIFHe



LOADING (psf)		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)	0.01	5	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	0.01	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							Weight: 29 lb	FT = 20%

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

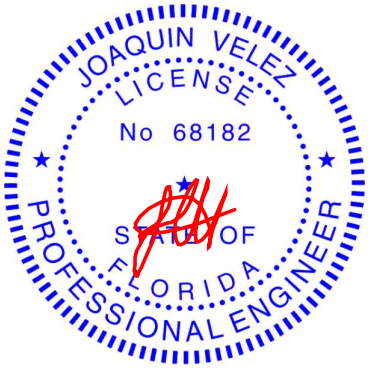
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=7-6-6, 4=7-6-6, 6=7-6-6
Max Horz 2=-36(LC 10)
Max Uplift 2=-38(LC 12), 4=-38(LC 12)
Max Grav 2=188(LC 1), 4=188(LC 1), 6=294(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-4-11 to 3-4-11, Zone1 3-4-11 to 4-8-8, Zone3 4-8-8 to 9-0-5 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Gable requires continuous bottom chord bearing.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) N/A

8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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Date:

November 18,2025

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Job	Truss	Truss Type	Qty	Ply	2508-A 3 Car Fe
6252820	PB4	Piggyback	1	1	T39220005
					Job Reference (optional)

Tibbetts Lumber Co., LLC (Ocala, FL), Ocala, FL - 34472, 8.830 s Sep 3 2025 MiTek Industries, Inc. Mon Nov 17 14:37:42 2025 Page 1
ID:Ts3RJ0261_Xu2fYgSyBHAWzZSLZ-3G8cSa?sxWJMyTxIa6Jiia3Y977kbR5yylh7lqyIFHd

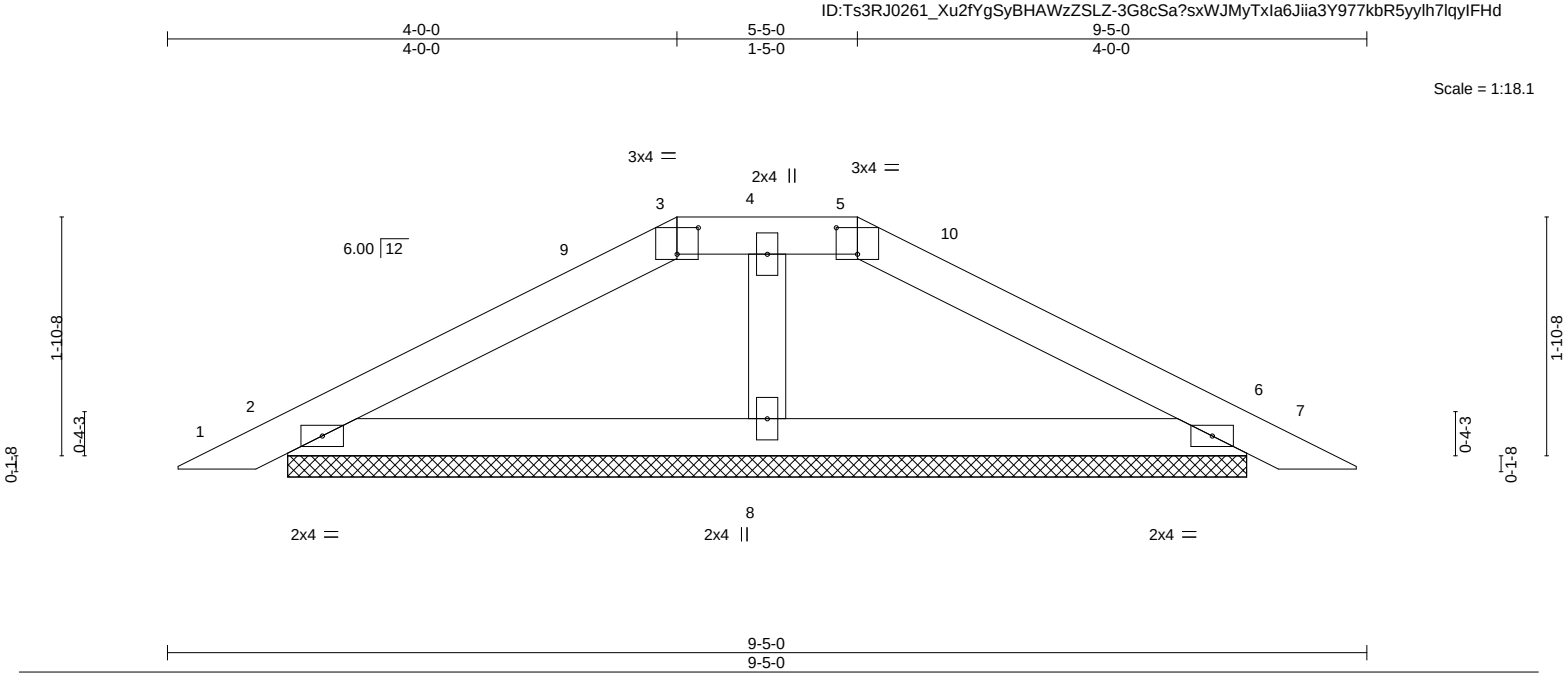


Plate Offsets (X,Y)-- [3:0-2-0,0-2-8], [5:0-2-0,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.13	Vert(LL)	0.00	7	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	0.01	7	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-S							Weight: 28 lb	FT = 20%

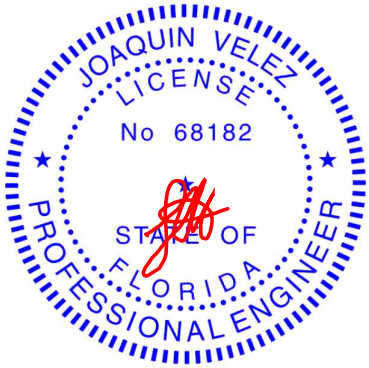
LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.2

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

REACTIONS. (size) 2=7-6-6, 6=7-6-6, 8=7-6-6
Max Horz 2=-30(LC 10)
Max Uplift 2=-38(LC 12), 6=-38(LC 12)
Max Grav 2=203(LC 1), 6=203(LC 1), 8=264(LC 1)

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-22; Vult=130mph (3-second gust) Vasd=101mph; TCDL=4.2psf; BCDL=6.0psf; h=15ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (directional) and C-C Zone3 0-4-11 to 3-4-11, Zone1 3-4-11 to 4-0-0, Zone3 4-0-0 to 9-0-5 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) Provide adequate drainage to prevent water ponding.
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) N/A
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



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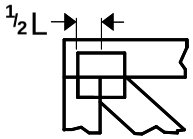
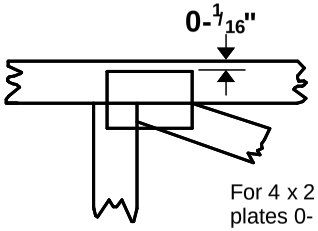
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

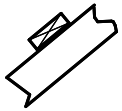
* Plate location details available in MiTek software or upon request.

PLATE SIZE

4 x 4

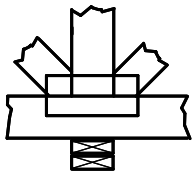
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

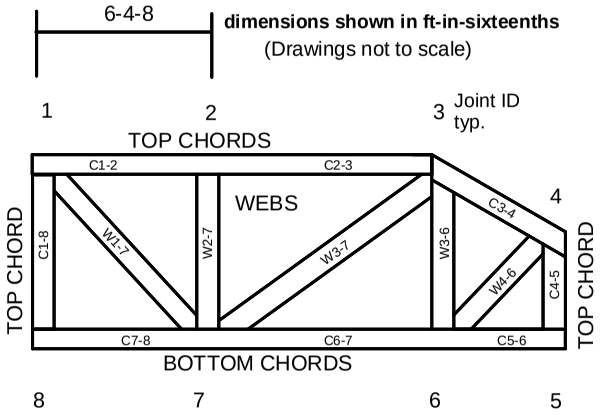


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number/letter where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-22: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



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

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

Product Code Approvals

ICC-ES Reports:

ESR-1988, ESR-2362, ESR-2685, ESR-3282
ESR-4722, ESL-1388

Design General Notes

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

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

MiTek®

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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