MiTek®

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

RE: 4542257 - JFC - WEBB

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

Site Information:

Customer Info: JOHN F CRAWFORD HOMES Project Name: Webb Res Model: Custom
Lot/Block: N/A Subdivision: N/A
Address: TBD, TBD
City: Alachua Cty State: FL

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

Name: License #:
Address:
City: State:

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

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

This package includes 16 individual, Truss Design Drawings and 0 Additional Drawings.
With my seal affixed to this sheet, I hereby certify that I am the Truss Design Engineer and this index sheet conforms to 61G15-31.003, section 5 of the Florida Board of Professional Engineers Rules.

No.	Seal#	Truss Name	Date	No.	Seal#	Truss Name	Date
1	T36772266	T01	3/25/25	15	T36772280	T11G	3/25/25
2	T36772267	T01G	3/25/25	16	T36772281	T12G	3/25/25
3	T36772268	T02	3/25/25				
4	T36772269	T03	3/25/25				
5	T36772270	T03G	3/25/25				
6	T36772271	T04	3/25/25				
7	T36772272	T04G	3/25/25				
8	T36772273	T05	3/25/25				
9	T36772274	T06	3/25/25				
10	T36772275	T07	3/25/25				
11	T36772276	T08	3/25/25				
12	T36772277	T09	3/25/25				
13	T36772278	T10	3/25/25				
14	T36772279	T10G	3/25/25				

This item has been digitally signed and sealed by ORegan, Philip, PE on the date adjacent to the seal.
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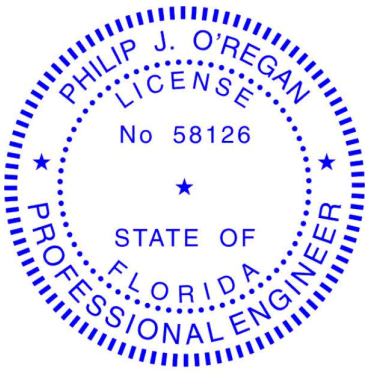
The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Builders FirstSource-Lake City, FL.

Truss Design Engineer's Name: ORegan, Philip
My license renewal date for the state of Florida is February 28, 2027.

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



Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T01	ATTIC	4	1	T36772266
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:44 2025 Page 1
ID:9aOkn3pIqtKJ13aAiajeqDzXol1-nWCTNe6gj9bRnjMH2wnNQk?p1WvsRAgHQrzeW9zXkSL

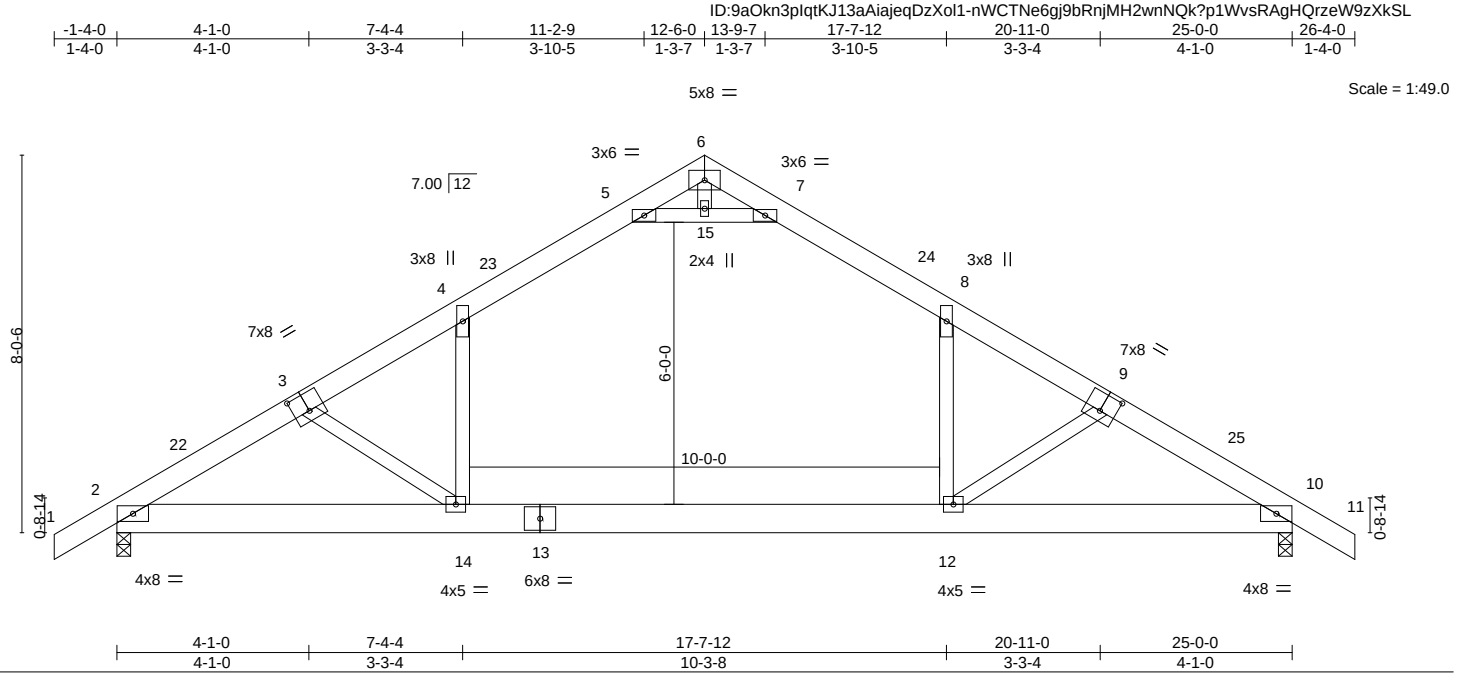


Plate Offsets (X,Y)-- [3:0-4-0,0-4-8], [9:0-4-0,0-4-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.29	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.52	12-14	>572	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.98	Horz(CT)	0.02	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS		Attic	-0.13	12-14	926	360	Weight: 182 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP 2400F 2.0E or 2x6 SP M 26 *Except* 1-3,9-11: 2x6 SP No.2
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=199(LC 11)
Max Uplift 2=-128(LC 12), 10=-128(LC 13)
Max Grav 2=1510(LC 20), 10=1510(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2478/67, 3-4=-2186/55, 4-5=-1597/130, 5-6=0/1010, 6-7=0/1010, 7-8=-1596/129, 8-9=-2185/55, 9-10=-2479/68
BOT CHORD 2-14=-121/2248, 12-14=0/1711, 10-12=0/2104
WEBS 5-15=-2872/101, 7-15=-2872/101, 4-14=0/997, 8-12=0/997, 3-14=-668/191, 9-12=-669/192, 6-15=0/284

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 12-6-0, Zone2 12-6-0 to 16-8-15, Zone1 16-8-15 to 26-4-0 zone;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) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-15, 7-15; Wall dead load (5.0psf) on member(s).4-14, 8-12
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 12-14
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=128, 10=128.
9) Attic room checked for L/360 deflection.

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Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

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

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T01G	GABLE	1	1	T36772267
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:45 2025 Page 1
ID:9aOkn3pIqtKJ13aAiajeqDzXol1-Fimra_7IUTjIPtxTcdIczyY6cwKNArQQfViC3czXkSK

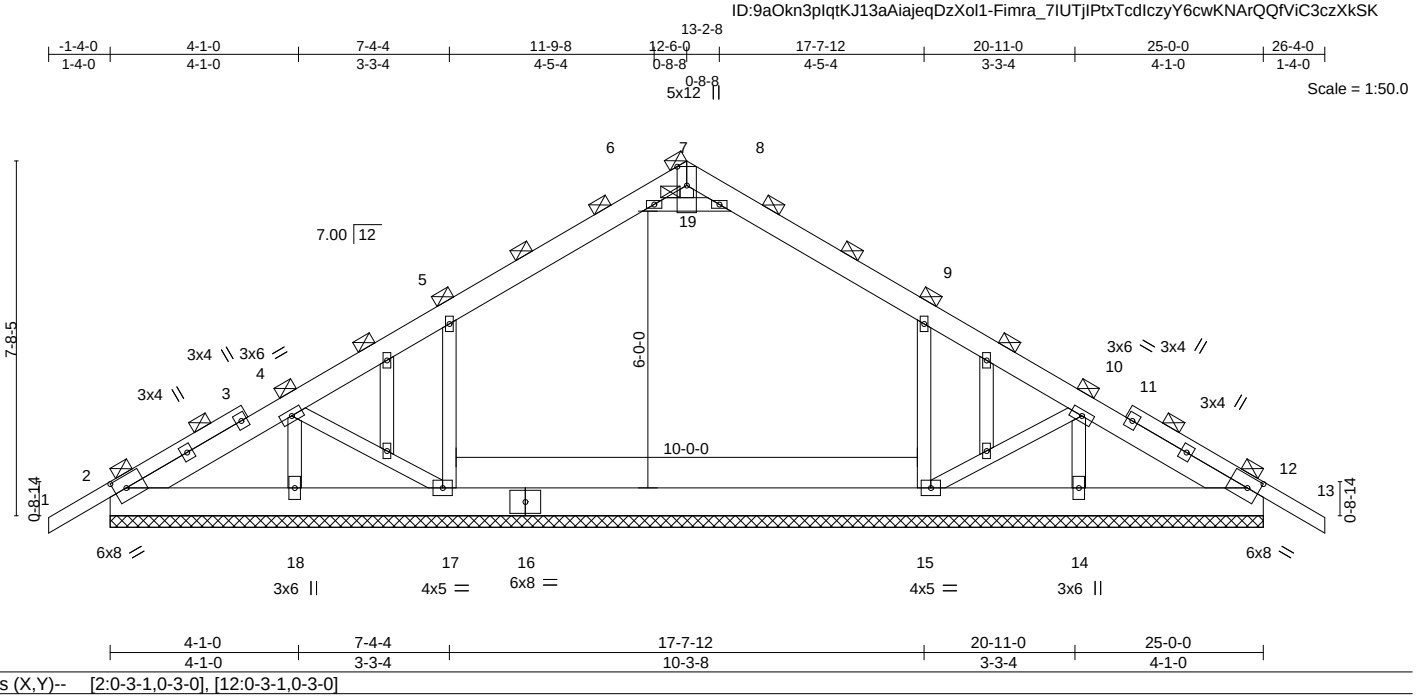

Plate Offsets (X,Y)-- [2:0-3-1,0-3-0], [12:0-3-1,0-3-0]

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	0.13	Vert(LL)	-0.00	13	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.11	Vert(CT)	0.00	12	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	12	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 193 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SP No.2 *Except*
	1-3,11-13: 2x4 SP No.2
BOT CHORD	2x8 SP 2400F 2.0E
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	2-0-0 oc purlins (6-0-0 max.).
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 7, 19

REACTIONS. All bearings 25-0-0.
(lb) - Max Horz 2=189(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 2, 12, 14, 18 except 17=-153(LC 12), 15=-151(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 14, 18 except 2=510(LC 1), 12=510(LC 1), 17=911(LC 20), 15=908(LC 21)

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

TOP CHORD	2-4=-629/87, 4-5=-421/62, 5-6=-467/120, 8-9=-467/118, 9-10=-421/57, 10-12=-629/80
BOT CHORD	2-18=-87/533, 17-18=-87/533, 15-17=-6/354, 14-15=-33/500, 12-14=-33/500
WEBS	6-19=-266/139, 8-19=-266/139, 5-17=-372/138, 9-15=-367/134

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
10) Ceiling dead load (5.0 psf) on member(s). 5-6, 8-9, 6-19, 8-19; Wall dead load (5.0psf) on member(s).5-17, 9-15
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 12, 14, 18 except (jt=lb) 17=153, 15=151.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

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Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

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

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T02	ATTIC	8	1	T36772268
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:45 2025 Page 1
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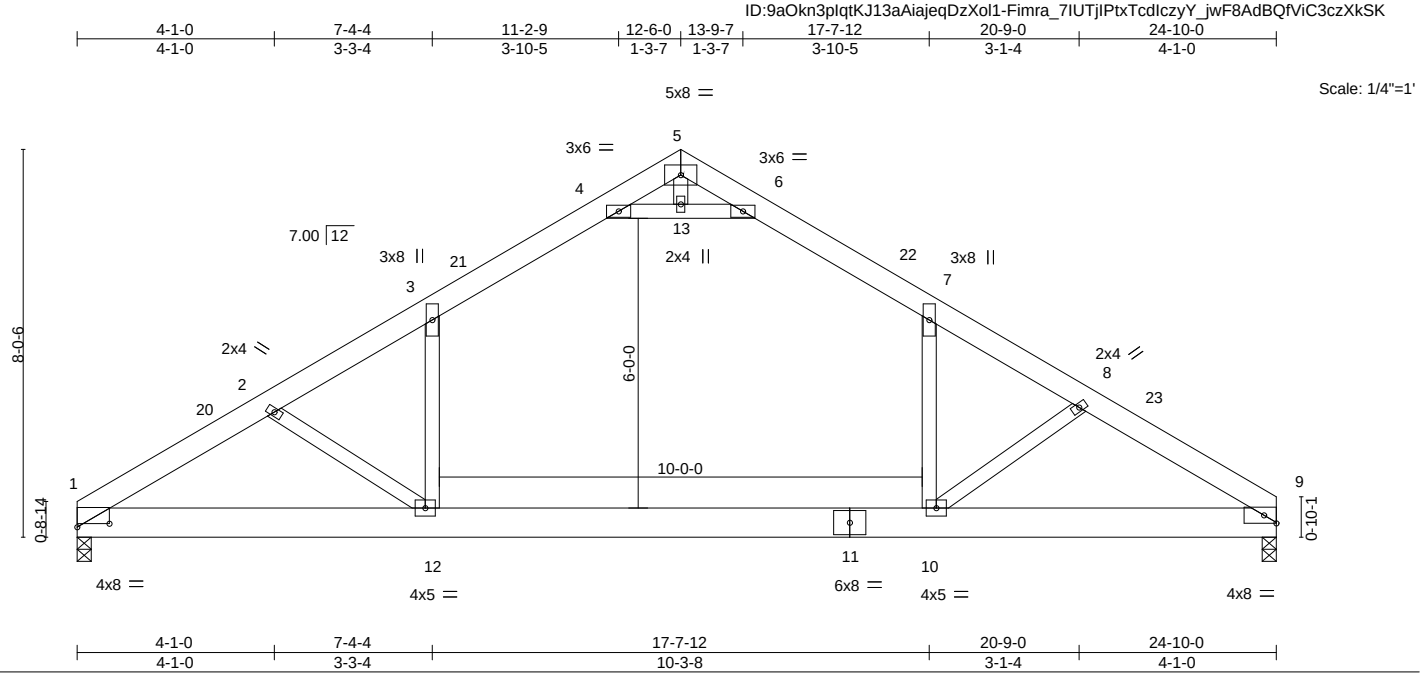

Plate Offsets (X,Y)-- [1:0-8-0,0-0-14]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.63	Vert(LL)	-0.28	10-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.44	Vert(CT)	-0.51	10-12	>583	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.02	9	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS		Attic	-0.13	10-12	935	360	Weight: 173 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 SP 2400F 2.0E or 2x6 SP M 26
BOT CHORD 2x8 SP 2400F 2.0E
WEBS 2x4 SP No.3

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

REACTIONS. (size) 1=0-3-8, 9=0-3-8
Max Horz 1=180(LC 9)
Max Uplift 1=-95(LC 12), 9=-91(LC 13)
Max Grav 1=1425(LC 20), 9=1431(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2497/80, 2-3=-2174/57, 3-4=-1584/131, 4-5=0/1001, 5-6=0/996, 6-7=-1588/132, 7-8=-2170/58, 8-9=-2446/71
BOT CHORD 1-12=-153/2266, 10-12=0/1688, 9-10=-21/2063
WEBS 4-13=-2846/107, 6-13=-2846/107, 3-12=0/994, 7-10=0/991, 2-12=-703/204, 8-10=-641/197, 5-13=0/282

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 0-0-0 to 3-0-0, Zone1 3-0-0 to 12-6-0, Zone2 12-6-0 to 16-8-15, Zone1 16-8-15 to 24-10-0 zone;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) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-13, 6-13; Wall dead load (5.0psf) on member(s).3-12, 7-10
7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 10-12
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9.
9) Attic room checked for L/360 deflection.

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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

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

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T03	Common	6	1	T36772269
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:46 2025 Page 1
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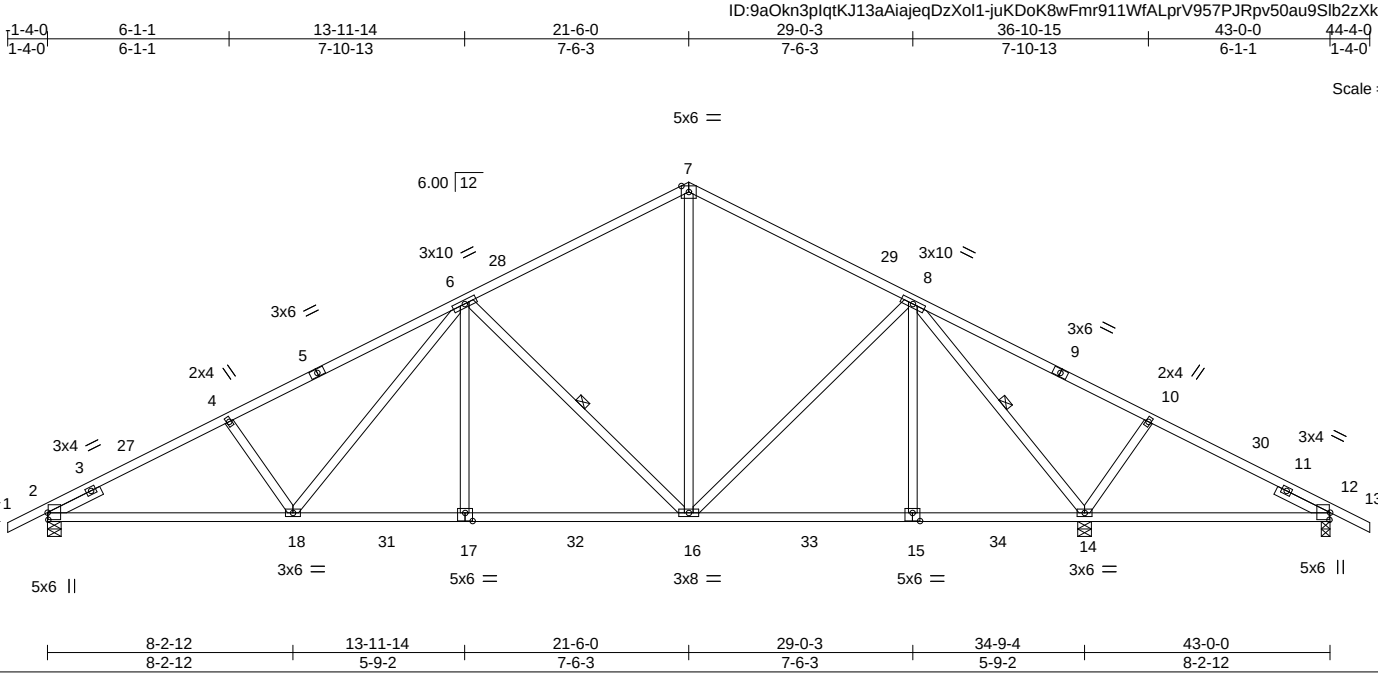

Plate Offsets (X,Y)-- [2:0-2-14,0-0-5], [12:0-2-14,0-0-5], [15:0-3-0,0-3-4], [17:0-3-0,0-3-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.76	Vert(LL)	0.11	14-25	>920	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.30	16-17	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.09	14	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 251 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Left 2x4 SP No.3 1-11-8, Right 2x4 SP No.3 1-11-8

BRACING-

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

REACTIONS. (size) 2=0-5-8, 14=0-5-8, 12=0-3-8
Max Horz 2=190(LC 12)
Max Uplift 2=-365(LC 12), 14=-430(LC 13), 12=-154(LC 8)
Max Grav 2=1570(LC 2), 14=2191(LC 2), 12=316(LC 26)

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

TOP CHORD	2-4=-2579/589, 4-6=-2447/590, 6-7=-1336/376, 7-8=-1334/378, 8-10=-105/558, 10-12=-471/343
BOT CHORD	2-18=-624/2283, 17-18=-379/1807, 16-17=-379/1807, 15-16=-88/918, 14-15=-88/917
WEBS	4-18=-324/233, 6-18=-187/542, 6-17=0/366, 6-16=-955/377, 7-16=-161/778, 8-16=-78/350, 8-15=0/344, 8-14=-2038/409, 10-14=-423/257

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 2-11-10, Zone1 2-11-10 to 21-6-0, Zone2 21-6-0 to 27-7-0, Zone1 27-7-0 to 44-4-0 zone; porch right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=365, 14=430, 12=154.

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Date:

March 25,2025

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Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T03G	Common Supported Gable	1	1	T36772270
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:47 2025 Page 1
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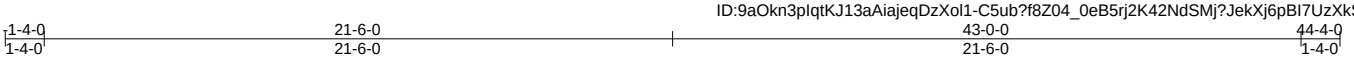

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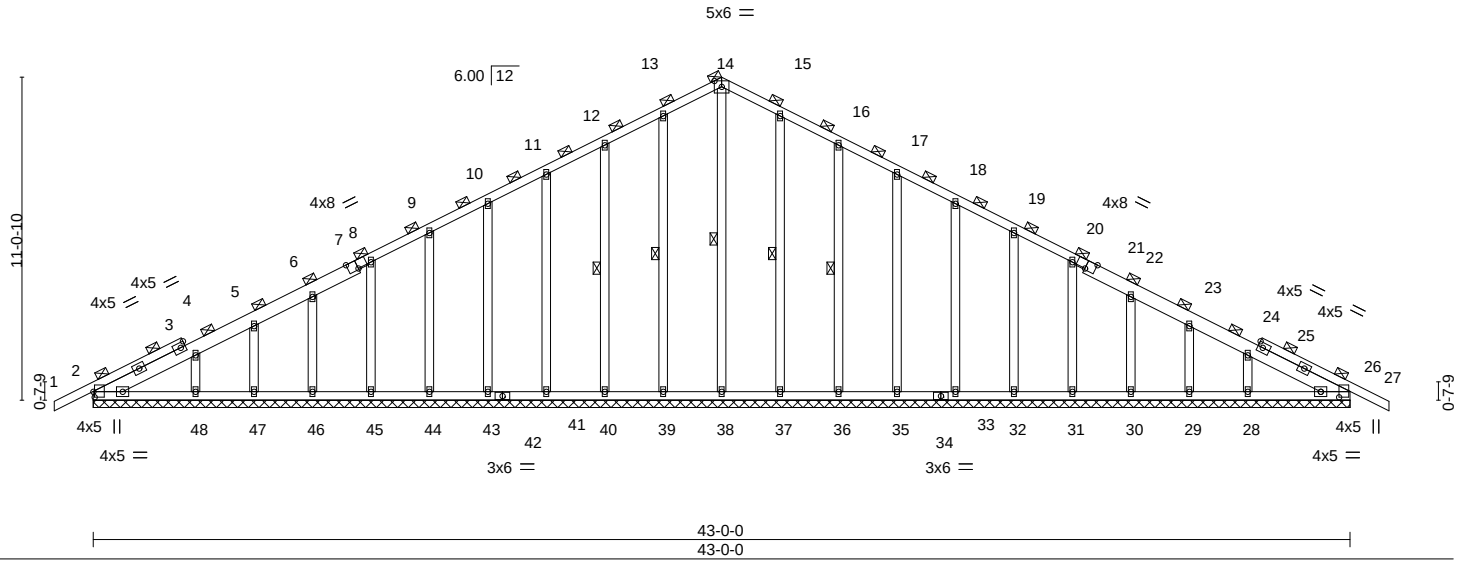


Plate Offsets (X,Y)-- [2:0-2-4,0-0-8], [7:0-4-0,Edge], [21:0-4-0,Edge], [26:0-2-4,0-7-8]

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	0.11	Vert(LL)	-0.00	27	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.08	Vert(CT)	-0.00	27	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	26	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 329 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except*
2-7,21-26: 2x6 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.).
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 14-38, 13-39, 12-40, 15-37, 16-36

REACTIONS. All bearings 43-0-0.
(lb) - Max Horz 2=185(LC 16)
Max Uplift All uplift 100 lb or less at joint(s) 2, 39, 40, 41, 43, 44, 45, 46, 47, 48, 37, 36, 35, 33, 32, 31, 30, 29, 28, 26
Max Grav All reactions 250 lb or less at joint(s) 2, 38, 39, 40, 41, 43, 44, 45, 46, 47, 48, 37, 36, 35, 33, 32, 31, 30, 29, 28, 26

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 12-13=-109/276, 13-14=-125/319, 14-15=-125/319, 15-16=-109/276

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 2-0-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 39, 40, 41, 43, 44, 45, 46, 47, 48, 37, 36, 35, 33, 32, 31, 30, 29, 28, 26.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

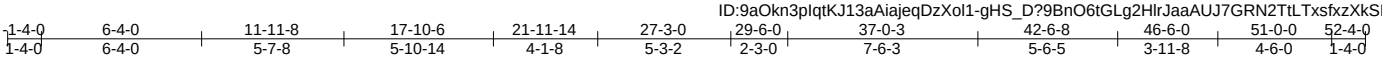
Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

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

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T04	Roof Special	10	1	T36772271
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:48 2025 Page 1
ID:9aOkn3pIqtKJ13aAiajeqDzXol1-gHS_D?9BnO6tGLg2HlrJaaAUJ7GRN2TtLTxsfxzXkSH



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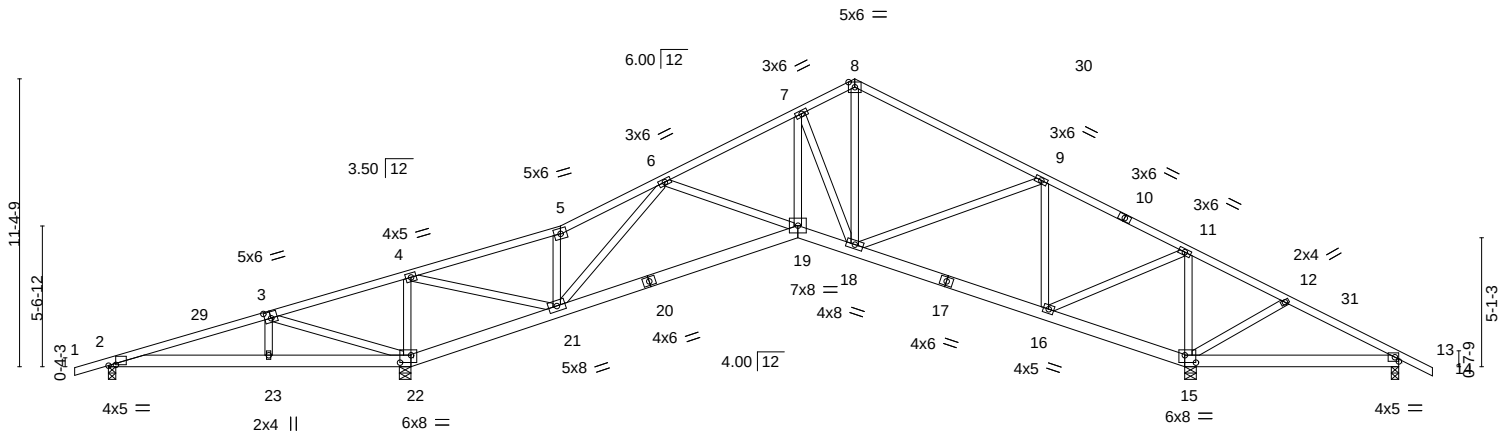

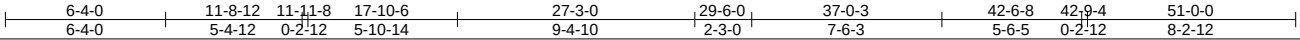

Plate Offsets (X,Y)-- [2:0-3-7,0-0-6], [3:0-3-0,0-3-0], [15:0-5-4,0-3-8], [22:0-5-4,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.67	Vert(LL)	-0.10	19-21	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.40	Vert(CT)	-0.23	19-21	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.10	15	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 321 lb	FT = 20%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 0-3-8 except (jt=length) 22=0-5-8, 15=0-5-8.
(lb) - Max Horz 2=-192(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-254(LC 8), 22=-575(LC 12), 15=-422(LC 13), 13=-174(LC 10)
Max Grav All reactions 250 lb or less at joint(s) 2, 13 except 22=2105(LC 1), 15=1967(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-154/601, 3-4=-371/1334, 4-5=-544/147, 5-6=-590/205, 6-7=-1329/270, 7-8=-914/265, 8-9=-1004/235, 9-11=-500/199, 11-12=-185/926, 12-13=-155/651
BOT CHORD 2-23=-517/159, 22-23=-519/158, 21-22=-1375/429, 19-21=-235/1097, 18-19=-84/1180, 16-18=-22/440, 15-16=-896/268, 13-15=-517/167
WEBS 3-23=-161/292, 3-22=-865/493, 4-22=-1318/416, 4-21=-399/1812, 5-21=-373/190, 6-21=-855/190, 7-19=-116/756, 7-18=-852/245, 8-18=-135/519, 9-18=-55/476, 9-16=-827/188, 11-16=-200/1319, 11-15=-1363/301, 12-15=-310/191

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 3-9-3, Zone1 3-9-3 to 29-6-0, Zone2 29-6-0 to 36-8-9, Zone1 36-8-9 to 52-4-0 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 254 lb uplift at joint 2, 575 lb uplift at joint 22, 422 lb uplift at joint 15 and 174 lb uplift at joint 13.

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Philip J. O'Regan PE No.58126
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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

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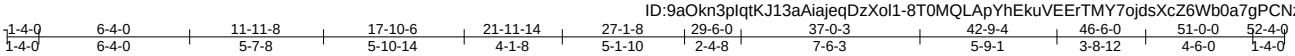
Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T04G	GABLE	1	1	T36772272
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:49 2025 Page 1
ID:9aOkn3pIqtKJ13aAiajeqDzXol1-8T0MQLApYhEkuVEErTMY7ojdsXcZ6Wb0a7gPCNzXkSG



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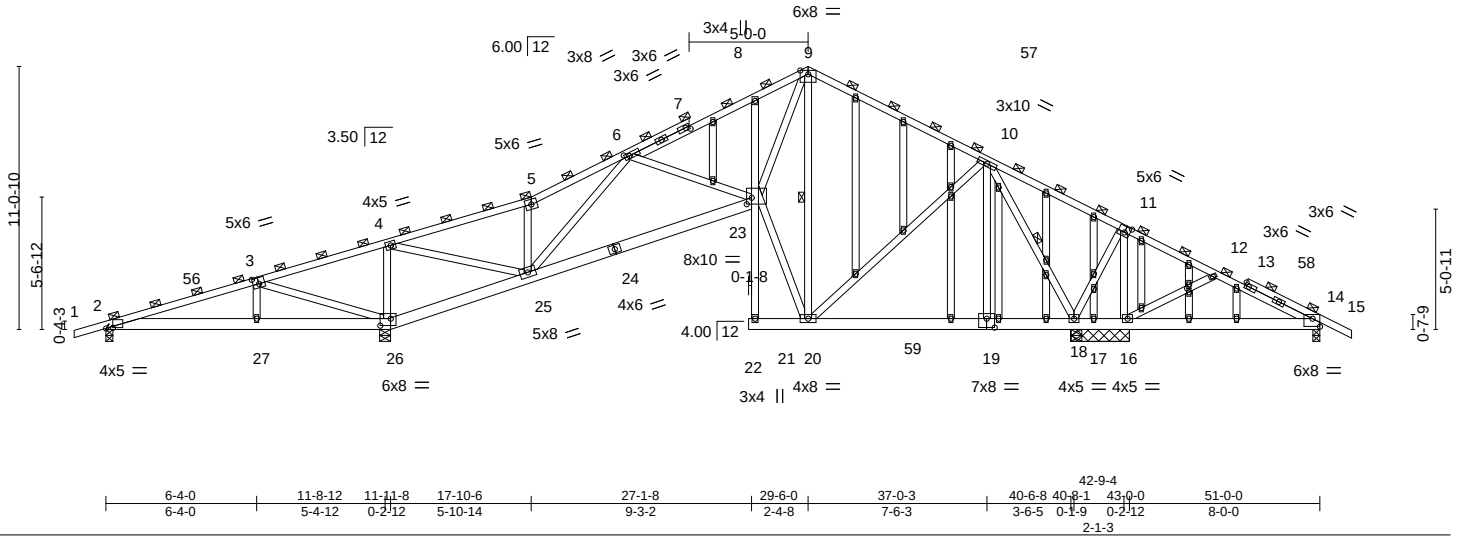

Plate Offsets (X,Y)-- [2:0-3-7,0-0-6], [3:0-3-0,0-3-0], [6:0-2-8,0-1-8], [7:0-2-0,0-1-8], [11:0-2-12,0-3-0], [14:Edge,0-3-15], [19:0-4-0,0-4-8], [23:0-2-8,0-3-4], [26:0-5-4,0-3-8], [48:0-1-15,0-1-0]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.13	23-25	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.27	23-25	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.15	18	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 427 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* 8-21: 2x4 SP No.3
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	2-0-0 oc purlins (4-8-13 max.).
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 5-9-0 oc bracing: 25-26 10-0-0 oc bracing: 23-25,21-22. 6-0-0 oc bracing: 21-23
WEBS	1 Row at midpt 9-20, 10-18

REACTIONS. All bearings 0-5-8 except (jt=length) 2=0-3-8, 16=2-5-8, 17=2-5-8, 14=0-3-8.
(lb) - Max Horz 2=-187(LC 17)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-265(LC 8), 26=-552(LC 12), 16=-277(LC 8), 17=-593(LC 2), 14=-150(LC 8), 18=-421(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 2, 17, 14 except 26=2153(LC 2), 16=255(LC 28), 18=2634(LC 2), 18=2426(LC 1)

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

TOP CHORD	2-3=-135/731, 3-4=-351/1462, 4-5=-418/193, 5-6=-427/254, 6-8=-1056/220, 8-9=-1009/294, 9-10=-498/283, 10-11=-150/1198, 11-12=-138/851, 12-14=-109/664
BOT CHORD	2-27=-643/102, 26-27=-648/101, 25-26=-1517/385, 23-25=-196/953, 8-23=-269/166, 17-18=-682/186, 16-17=-682/186, 14-16=-531/127
WEBS	3-27=-161/293, 3-26=-941/492, 4-26=-1240/398, 4-25=-364/1782, 5-25=-326/186, 6-25=-732/154, 20-23=0/1000, 9-23=-186/1539, 9-20=-1065/33, 10-19=0/256, 10-18=-1848/303, 11-18=-571/124, 11-16=-52/468, 12-16=-266/180, 10-20=-101/673

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 3-9-3, Zone1 3-9-3 to 29-6-0, Zone2 29-6-0 to 36-8-9, Zone1 36-8-9 to 52-4-0 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 265 lb uplift at joint 2, 552 lb uplift at joint 26, 277 lb uplift at joint 16, 593 lb uplift at joint 17, 150 lb uplift at joint 14 and 421 lb uplift at joint 18.
10) 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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Philip J. O'Regan PE No.58126
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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

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

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T05	Roof Special	3	1	T36772273
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:50 2025 Page 1
ID:9aOkn3pIqtKJ13aAiajeqDzXol1-cgZkehBRJ?MbVepQPAtng?FoZxtRrvjAonQykpzXkSF

1-4-0	6-4-0	11-11-8	17-10-6	24-6-0	27-1-8	30-2-13	32-8-0	35-1-0	41-0-0	42-4-0
1-4-0	6-4-0	5-7-8	5-10-14	6-7-10	2-7-8	3-1-5	2-5-3	2-5-0	5-11-0	1-4-0

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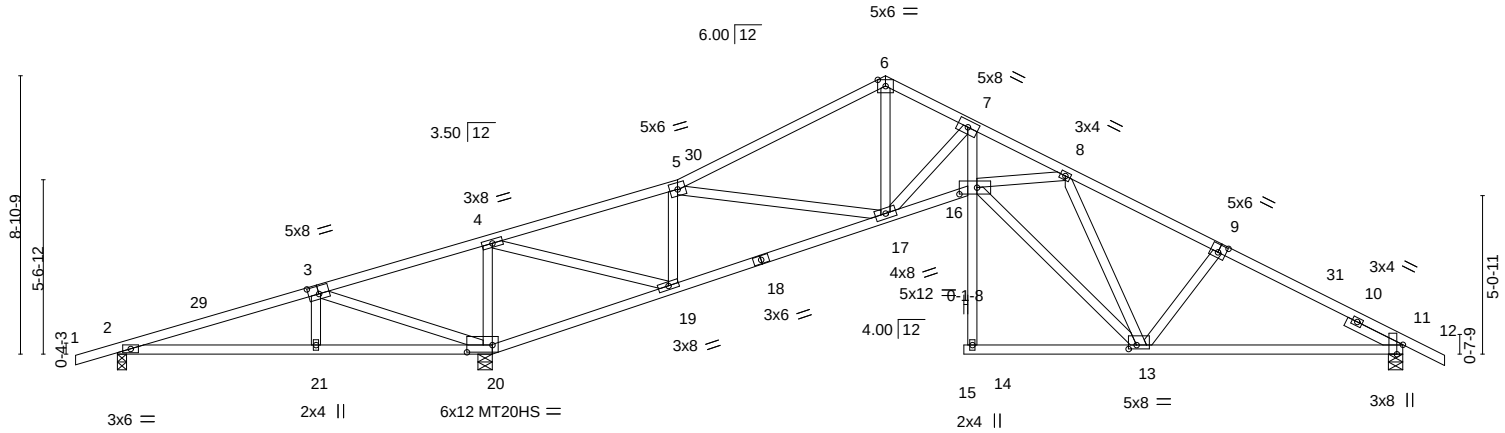

6-4-0	11-8-12	11-11-8	17-10-6	24-6-0	27-1-8	32-8-0	41-0-0
6-4-0	5-4-12	0-2-12	5-10-14	6-7-10	2-7-8	5-6-8	8-4-0

Plate Offsets (X,Y)-- [3:0-4-0,0-3-0], [9:0-3-0,0-3-0], [11:0-3-10,Edge], [13:0-3-1,0-1-8], [16:0-6-12,0-2-8], [20:0-9-12,0-2-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.82	Vert(LL)	-0.22	15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.43	15	>808	180	MT20HS	187/143
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.28	11	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 226 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
SLIDER	Right 2x4 SP No.3 1-11-8

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-3-12 oc purlins.
BOT CHORD	Rigid ceiling directly applied or 3-10-10 oc bracing. Except: 10-0-0 oc bracing: 14-16

REACTIONS. (size) 2=0-3-8, 20=0-5-8, 11=0-5-8
Max Horz 2=-150(LC 17)
Max Uplift 2=-262(LC 10), 20=-570(LC 12), 11=-297(LC 13)
Max Grav 2=115(LC 25), 20=2502(LC 1), 11=994(LC 1)

NOTE: EXTREME CARE MUST BE TAKEN DURING TRUSS TRANSPORT, HANDLING AND ERECTION. PROVIDE SUPPORT THAT DOES NOT ALLOW TRUSS TO TWIST. ALL PLATES MUST REMAIN ENTIRELY INTACT AND EMBEDDED.

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

TOP CHORD	2-3=-157/1241, 3-4=-377/2130, 5-6=-1190/240, 6-7=-1102/247, 7-8=-2924/451, 8-9=-1264/423, 9-11=-1428/438
BOT CHORD	2-21=-1136/260, 20-21=-1141/259, 19-20=-2190/477, 16-17=-211/2737, 7-16=-284/2418, 11-13=-298/1233
WEBS	3-21=-139/282, 3-20=-911/488, 4-20=-1426/394, 4-19=-378/2028, 5-19=-1062/266, 5-17=-101/1055, 6-17=-110/631, 7-17=-2303/344, 13-16=-335/2156, 8-16=-32/1003, 9-13=-281/186, 8-13=-1254/157

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 2-9-3, Zone1 2-9-3 to 24-6-0, Zone2 24-6-0 to 30-2-13, Zone1 30-2-13 to 42-4-0 zone; 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) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 262 lb uplift at joint 2, 570 lb uplift at joint 20 and 297 lb uplift at joint 11.

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Date:

March 25,2025

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314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T06	Roof Special	2	1	T36772274
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:51 2025 Page 1
ID:9aOkn3pIqtKJ13aAiajeqDzXol1-4s76r1C34JUS7oOdyuP0CDo?yKDuaORJ1R9WGGzXkSE

1-4-0	6-4-0	11-8-12	17-10-6	24-6-0	30-2-13	35-1-0	41-0-0	42-4-0
1-4-0	6-4-0	5-4-12	6-1-10	6-7-10	5-8-13	4-10-3	5-11-0	1-4-0

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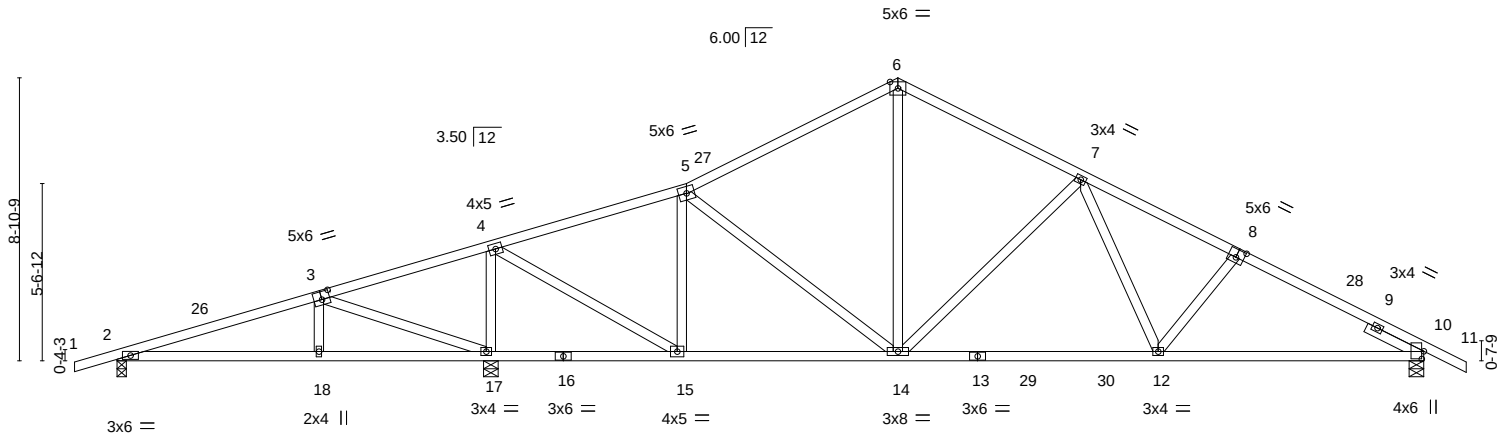

6-4-0	11-8-12	17-10-6	24-6-0	32-8-0	41-0-0
6-4-0	5-4-12	6-1-10	6-7-10	8-2-0	8-4-0

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [8:0-3-0,0-3-0], [10:0-2-14,0-0-13]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.65	Vert(LL)	-0.17	12-14	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.74	Vert(CT)	-0.30	12-14	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.04	10	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 218 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3
SLIDER Right 2x4 SP No.3 1-11-8

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 17=0-5-8, 10=0-5-8
Max Horz 2=-150(LC 17)
Max Uplift 2=-242(LC 8), 17=-507(LC 8), 10=-317(LC 13)
Max Grav 2=366(LC 25), 17=2095(LC 2), 10=1236(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-253/239, 3-4=-206/822, 4-5=-824/252, 5-6=-1090/336, 6-7=-1083/319, 7-8=-1766/459, 8-10=-1899/474
BOT CHORD 15-17=-754/288, 14-15=-129/783, 12-14=-186/1342, 10-12=-328/1652
WEBS 3-17=-882/474, 4-17=-1601/440, 4-15=-325/1733, 5-15=-683/208, 6-14=-156/604, 7-14=-623/282, 7-12=-95/503

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 2-9-3, Zone1 2-9-3 to 24-6-0, Zone2 24-6-0 to 30-2-13, Zone1 30-2-13 to 42-4-0 zone; 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, with BCDL = 10.0psf.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 242 lb uplift at joint 2, 507 lb uplift at joint 17 and 317 lb uplift at joint 10.

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Philip J. O'Regan PE No.58126
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16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

MiTek®
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Chesterfield, MO 63017
314.434.1200 / MiTek-US.com

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T07	Roof Special	1	1	T36772275
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:51 2025 Page 1
ID:9aOkn3plqtKJ13aAiajeqDzXol1-4s76r1C34JUS7oOdyuP0CDo15Kl4aSdJ1R9WGGzXkSE

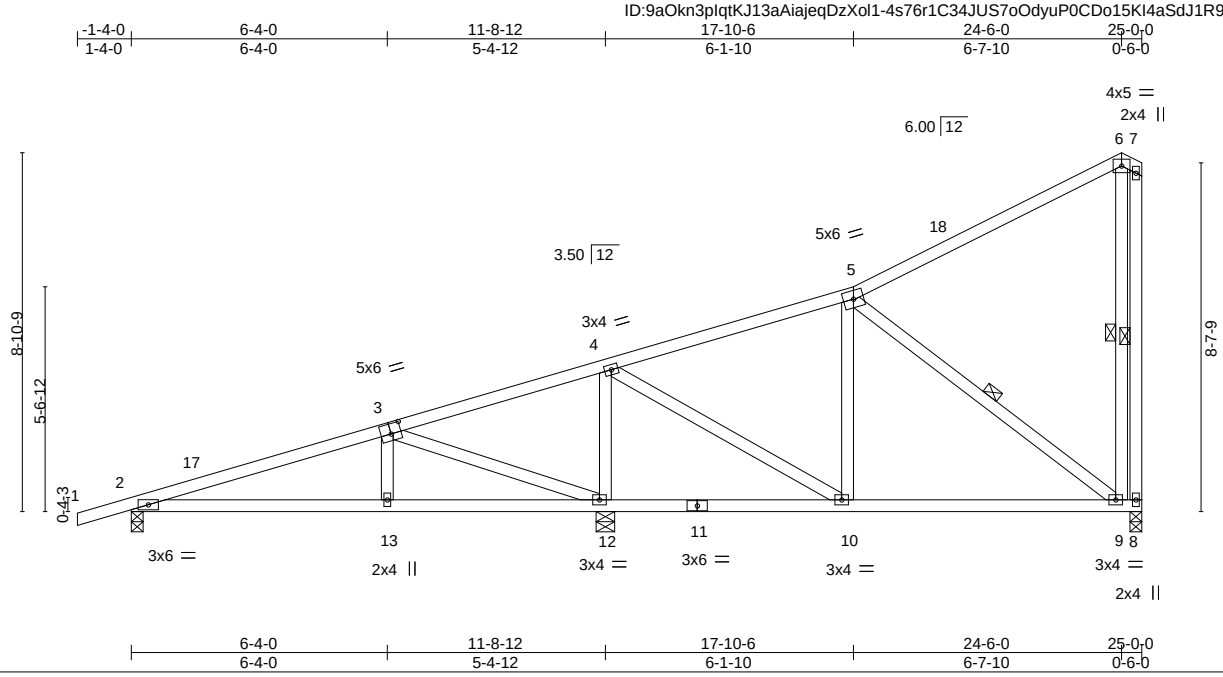

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.58	Vert(LL)	0.08	13-16	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.41	Vert(CT)	-0.14	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	-0.01	12	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 148 lb	FT = 20%

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

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

REACTIONS. (size) 2=0-3-8, 12=0-5-8, 8=0-3-8
Max Horz 2=338(LC 12)
Max Uplift 2=-220(LC 8), 12=-468(LC 8), 8=-175(LC 12)
Max Grav 2=418(LC 25), 12=1247(LC 1), 8=404(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-432/162, 3-4=-298/455, 4-5=-265/0
BOT CHORD 2-13=-347/387, 12-13=-345/383, 10-12=-394/104
WEBS 3-13=-131/252, 3-12=-824/474, 4-12=-872/312, 4-10=-161/690

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 24-6-0, Zone3 24-6-0 to 24-10-4 zone; 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 220 lb uplift at joint 2, 468 lb uplift at joint 12 and 175 lb uplift at joint 8.

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Date:

March 25,2025

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Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T08	Roof Special	7	1	T36772276
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:52 2025 Page 1
ID:9aOkn3pIqtKJ13aAiajeqDzXol1-Y2hU3NChrccJlyzpWbwFlQLDukYyJq2SG5v3oizXkSD

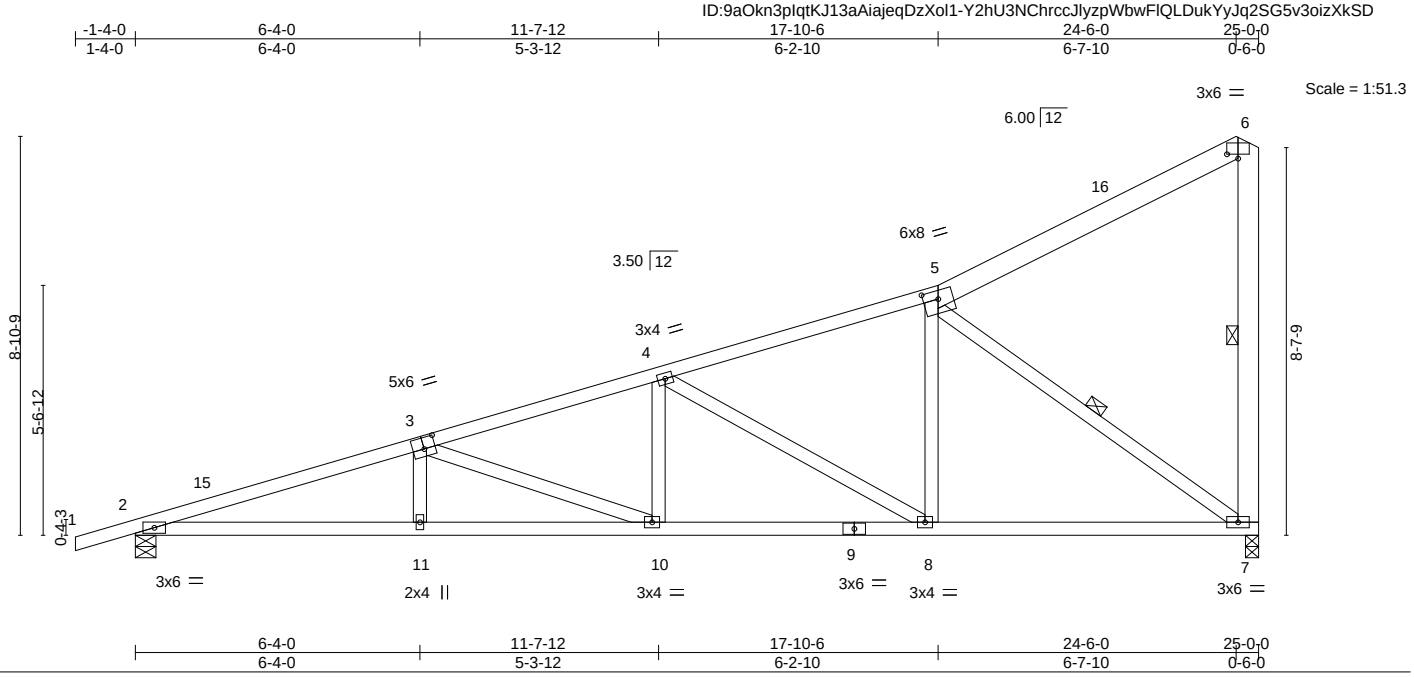

Plate Offsets (X,Y)-- [3:0-3-0,0-3-0], [5:0-4-0,0-2-4], [6:0-3-0,0-1-2]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.51	Vert(LL)	-0.12	10-11	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.75	Vert(CT)	-0.26	10-11	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.89	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 149 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 5-6: 2x6 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except* 6-7: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-0-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-3-5 oc bracing.
WEBS 1 Row at midpt 5-7, 6-7

REACTIONS. (size) 2=0-5-8, 7=0-3-8
Max Horz 2=343(LC 12)
Max Uplift 2=-300(LC 8), 7=-357(LC 12)
Max Grav 2=1073(LC 1), 7=989(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2665/606, 3-4=-1943/420, 4-5=-1085/181
BOT CHORD 2-11=-867/2517, 10-11=-868/2514, 8-10=-627/1826, 7-8=-327/972
WEBS 3-10=-732/256, 4-10=-55/405, 4-8=-962/347, 5-8=-128/638, 5-7=-1202/404

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 24-9-4 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 300 lb uplift at joint 2 and 357 lb uplift at joint 7.

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Date:

March 25,2025

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Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T09	Roof Special	2	1	T36772277
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:52 2025 Page 1
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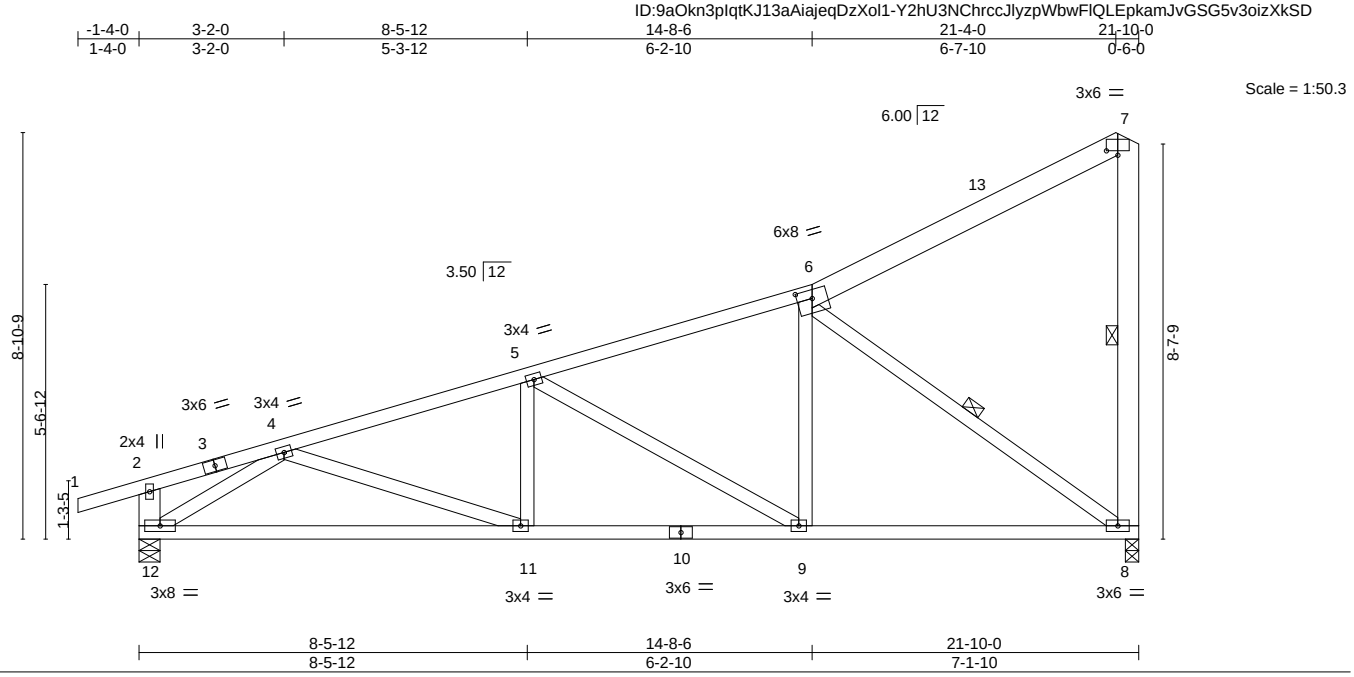

Plate Offsets (X,Y)-- [6:0-4-0,0-2-4], [7:0-3-0,0-1-2]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.39	Vert(LL)	-0.13	11-12	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.63	Vert(CT)	-0.27	11-12	>955	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.56	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-MS							Weight: 144 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 6-7: 2x6 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except* 2-12,7-8: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-11-4 oc bracing.
WEBS 1 Row at midpt 6-8, 7-8

REACTIONS. (size) 8=0-3-8, 12=0-5-8
Max Horz 12=293(LC 12)
Max Uplift 8=-324(LC 12), 12=-261(LC 8)
Max Grav 8=852(LC 1), 12=952(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-1417/284, 5-6=-890/136
BOT CHORD 11-12=-549/1100, 9-11=-499/1324, 8-9=-284/789
WEBS 5-9=-602/251, 6-9=-85/491, 6-8=-973/350, 4-11=0/256, 4-12=-1234/331

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 21-7-4 zone; end vertical 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 324 lb uplift at joint 8 and 261 lb uplift at joint 12.

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Date:

March 25,2025

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Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T10	Roof Special	2	1	T36772278
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:53 2025 Page 1
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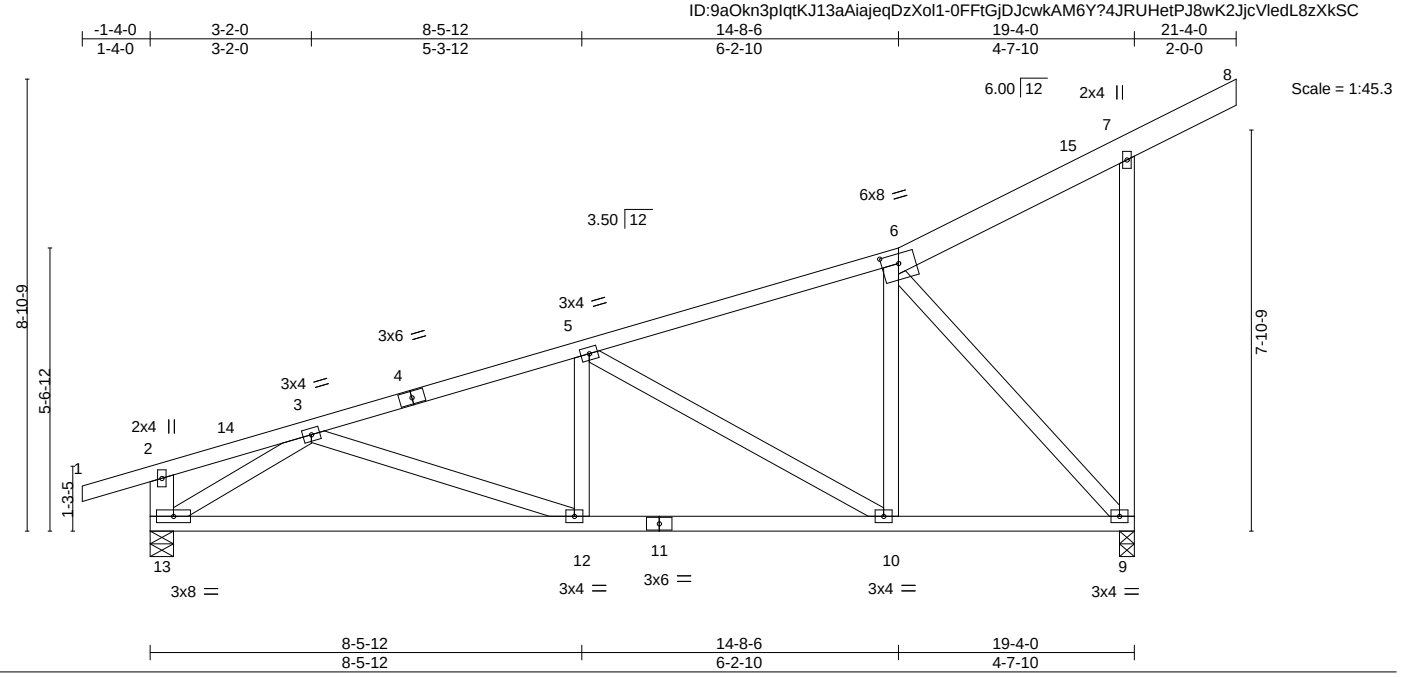

Plate Offsets (X,Y)-- [6:0-4-0,0-2-4]

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	0.40	Vert(LL)	-0.12	12-13	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.61	Vert(CT)	-0.25	12-13	>914	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.67	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MS							Weight: 128 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2 *Except* 6-8: 2x6 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3 *Except* 2-13: 2x6 SP No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-5-9 oc bracing.

REACTIONS. (size) 9=0-3-8, 13=0-5-8
Max Horz 13=282(LC 12)
Max Uplift 9=-354(LC 12), 13=-247(LC 8)
Max Grav 9=891(LC 1), 13=849(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-1164/244, 5-6=-585/91, 7-9=-272/219
BOT CHORD 12-13=-483/941, 10-12=-404/1082, 9-10=-173/495
WEBS 5-12=0/252, 5-10=-661/262, 6-10=-99/460, 6-9=-761/267, 3-13=-1053/305

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 -1-4-0 to 1-8-0, Zone1 1-8-0 to 21-4-0 zone; end vertical 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 354 lb uplift at joint 9 and 247 lb uplift at joint 13.

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Date:

March 25,2025

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Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T10G	GABLE	1	1	T36772279
					Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:53 2025 Page 1
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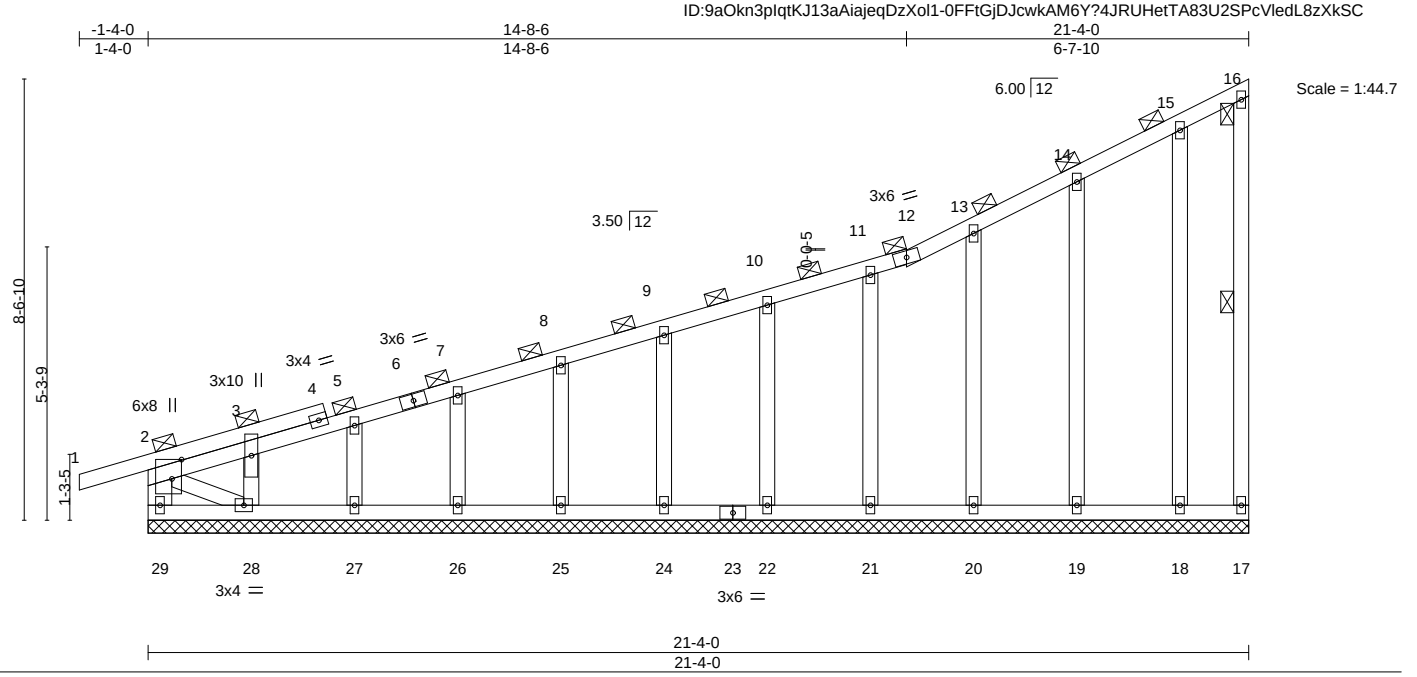

Plate Offsets (X,Y)-- [2:0-4-8,0-2-4]

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	0.15	Vert(LL)	-0.01	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.03	Vert(CT)	-0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.11	Horz(CT)	-0.00	17	n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-S							Weight: 145 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3 *Except*
	2-29: 2x6 SP No.2
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	2-0-0 oc purlins (6-0-0 max.), except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
	6-0-0 oc bracing: 28-29.
WEBS	1 Row at midpt 16-17

REACTIONS. All bearings 21-4-0.
(lb) - Max Horz 29=279(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 17, 27, 26, 25, 24, 22, 21, 20, 19, 18 except 28=-201(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 29, 17, 28, 27, 26, 25, 24, 22, 21, 20, 19, 18

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

TOP CHORD	2-3=-399/125, 3-5=-365/112, 5-7=-342/105, 7-8=-309/95, 8-9=-276/85
BOT CHORD	28-29=-344/112
WEBS	2-28=-125/384

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
8) Gable studs spaced at 2-0-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 17, 27, 26, 25, 24, 22, 21, 20, 19, 18 except (jt=lb) 28=201.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

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Date:

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Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T11G	GABLE	1	1	T36772280

Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:54 2025 Page 1
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1-4-0 6-4-0 2-1-8

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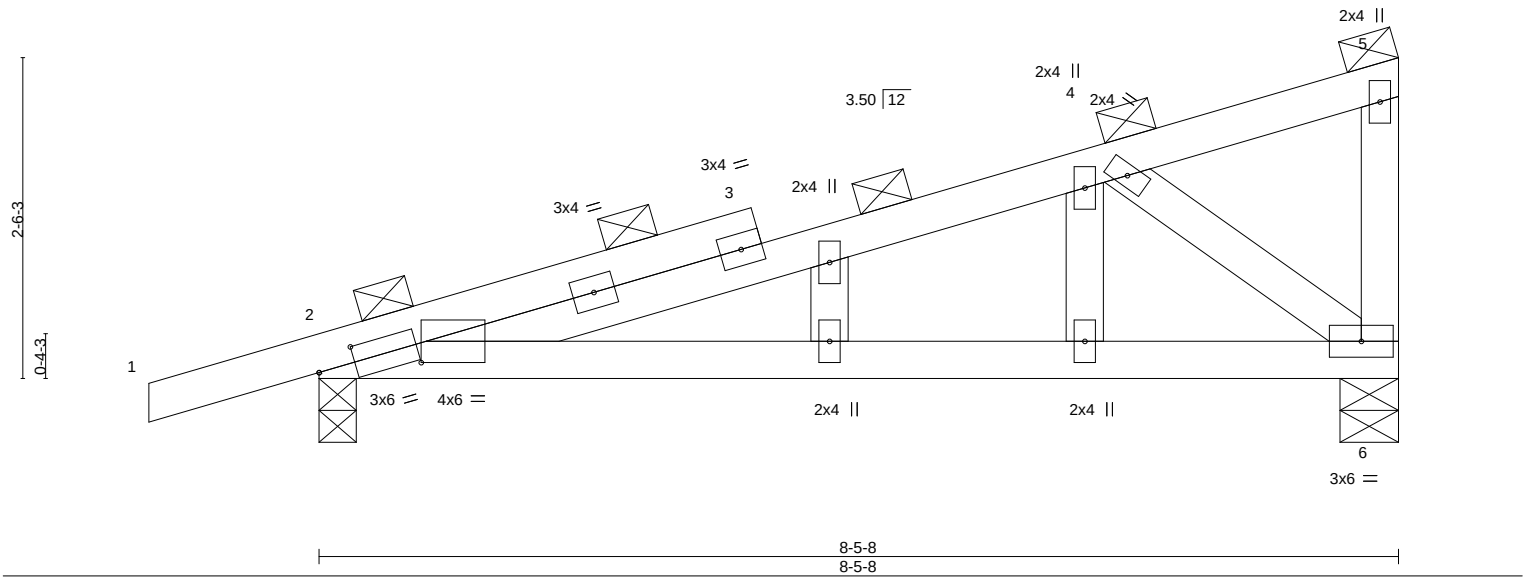

8-5-8
8-5-8

Plate Offsets (X,Y)-- [2:0-3-8,0-1-8], [2:0-9-10,0-0-15]

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	0.57	Vert(LL)	0.13	6-13	>742	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.42	Vert(CT)	-0.17	6-13	>582	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.18	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code	FBC2023/TPI2014	Matrix-MS							Weight: 41 lb	FT = 20%

LUMBER-

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP No.3

BRACING-

TOP CHORD	2-0-0 oc purlins (6-0-0 max.), except end verticals.
BOT CHORD	Rigid ceiling directly applied or 7-8-9 oc bracing.

REACTIONS. (size) 2=0-3-8, 6=0-5-8
Max Horz 2=102(LC 8)
Max Uplift 2=-233(LC 8), 6=-179(LC 8)
Max Grav 2=423(LC 1), 6=319(LC 1)

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

TOP CHORD	2-4=-406/389
BOT CHORD	2-6=-505/390
WEBS	4-6=-454/593

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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Gable studs spaced at 2-0-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=233, 6=179.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

This item has been digitally signed and sealed by ORegan, Philip, PE on the date indicated here. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

Philip J. O'Regan PE No.58126
MiTek Inc. DBA MiTek USA FL Cert 6634
16023 Swingley Ridge Rd. Chesterfield, MO 63017
Date:

March 25,2025

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

Job	Truss	Truss Type	Qty	Ply	JFC - WEBB
4542257	T12G	Monopitch Supported Gable	1	1	T36772281

Job Reference (optional)

Builders FirstSource (Lake City,FL), Lake City, FL - 32055, 8.830 s Mar 11 2025 MiTek Industries, Inc. Mon Mar 24 11:33:54 2025 Page 1
ID:9aOkn3pIqtKJ13aAiajeqDzXol1-URpFT3EyNEs1_G7Ce0yjqrQdaYNwnwRljPOAtazXkSB

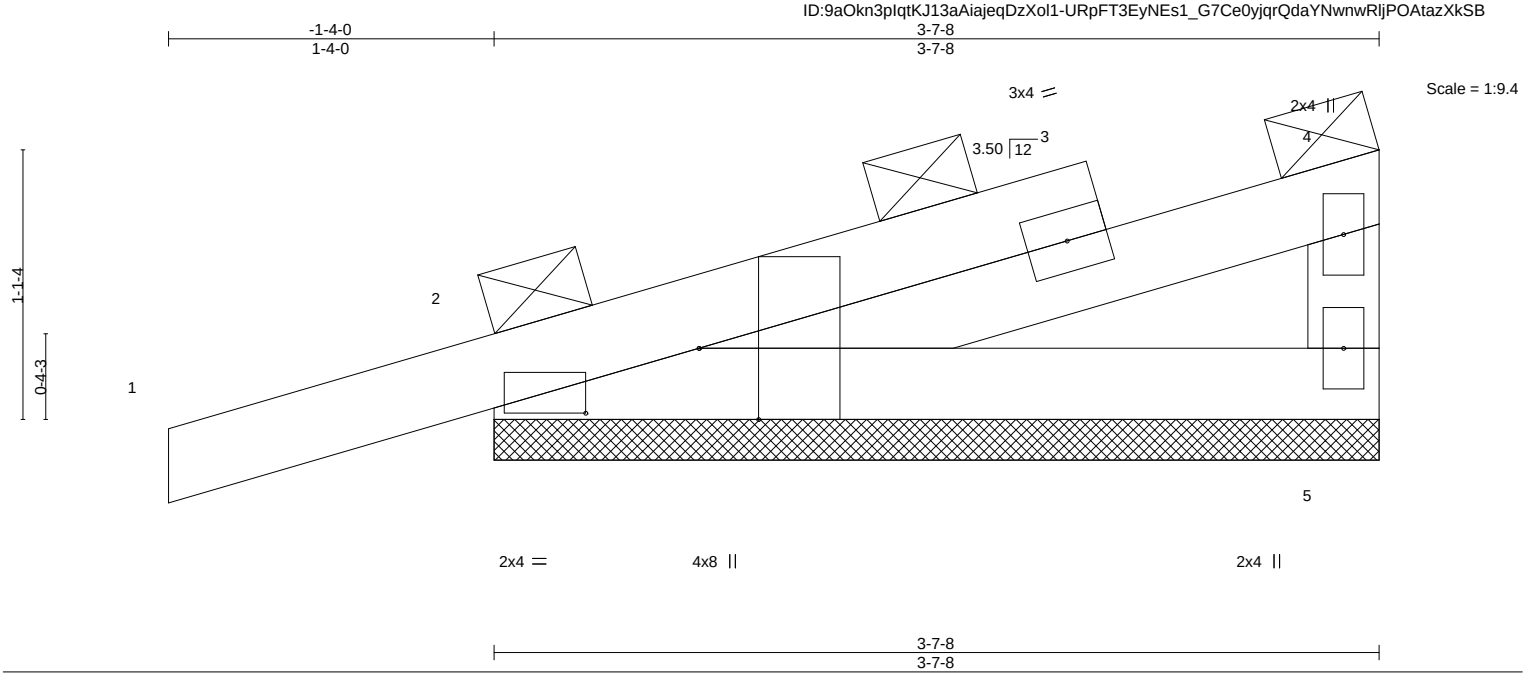

Plate Offsets (X,Y)-- [2:0-3-8,Edge], [2:0-5-9,0-3-3]

LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.18	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.25	BC	0.14	Vert(CT)	-0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code FBC2023/TPI2014		Matrix-P							Weight: 16 lb	FT = 20%

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

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

REACTIONS. (size) 2=3-7-8, 5=3-7-8
Max Horz 2=47(LC 8)
Max Uplift 2=-108(LC 8), 5=-39(LC 12)
Max Grav 2=234(LC 1), 5=124(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=3.0psf; h=20ft; Cat. II; Exp B; Encl., GCpi=0.18; MWFRS (envelope) gable end zone and C-C Zone3 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) Building Designer / Project engineer responsible for verifying applied roof live load shown covers rain loading requirements specific to the use of this truss component.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5 except (jt=lb) 2=108.
10) 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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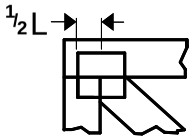
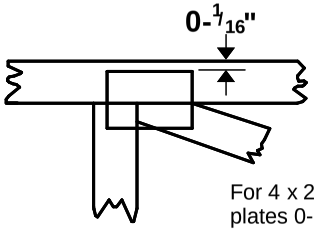
Symbols

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.

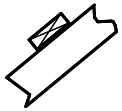
* Plate location details available in MiTek software or upon request.

PLATE SIZE

4 x 4

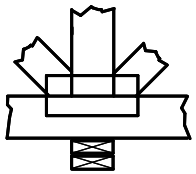
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

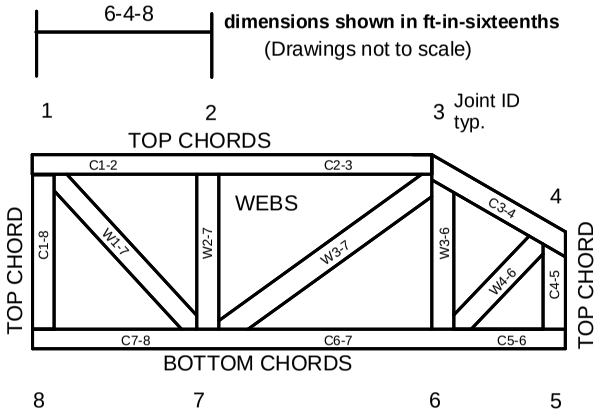


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number/letter where bearings occur. Min size shown is for crushing only.

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.

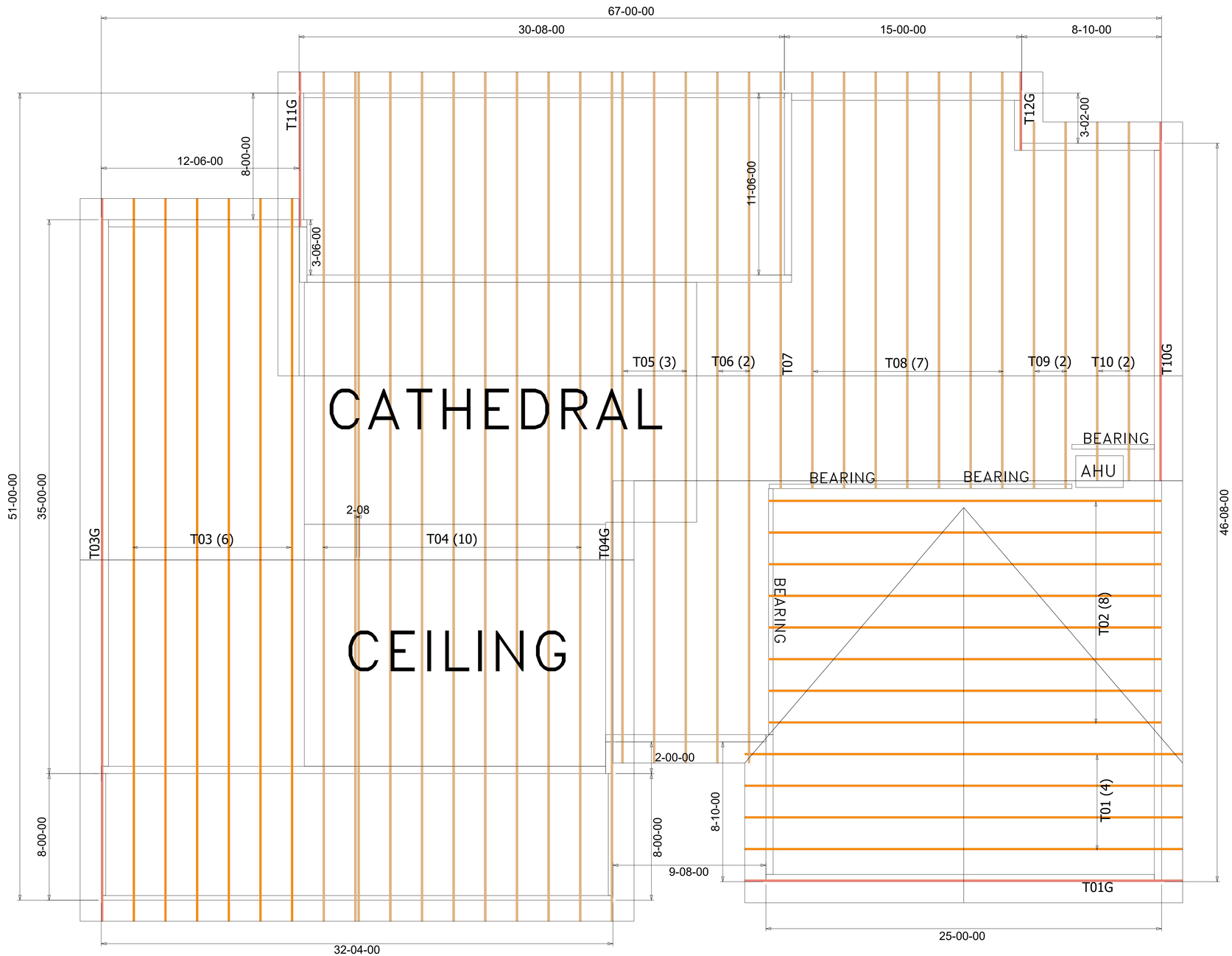
MiTek®

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.

3.5/12–6/12–7/12 PITCH – 16" OH



WARNING
Backcharges Will Not Be Accepted Regardless of Fault Without Prior Notification By Customer Within 48 Hours And Investigation By Builders FirstSource. NO EXCEPTIONS.

IMPORTANT

This Drawing Must Be Approved And Returned Before Fabrication Will Begin. For Your Protection Check All Dimensions And Conditions Prior To Approval Of Plan. SIGNATURE BELOW INDICATES ALL NOTES AND DIMENSIONS HAVE BEEN ACCEPTED.

By _____ **Date**_____

FINAL LAYOUT FOR PRODUCTION

Initial:_____ Date:_____
Requested Delivery Date:

_____

ROOF LOADING:	FLOOR LOADING:
TCLL: 20	TCLL:
TCDL: 10	TCDL:
BCLL: 0	BCLL:
BCDL: 10	BCDL:
DURATION: 1.25	DURATION: 1.00

5 PSF TCDL + 5 PSF BCDL USED TO RESIST UPLIFT

ENCLOSED
EXPOSURE CATEGORY B
OCCUPANCY CATEGORY II
WIND LOAD 130 MPH
WIND IMPORTANCE FACTOR 1.00

ROOF PITCH:	3.5/12 - 6/12 - 7/12
CEILING PITCH:	4/12
TOP CHORD SIZE:	2 X 4
BOTTOM CHORD SIZE:	2 X 4
OVERHANG LENGTH:	16"
END CUT:	PLUMB
CANTILEVER:	N/A
TRUSS SPACING:	24"
BUILDING CODE:	FBC 2023

BEARING HEIGHT SCHEDULE

BUILDER:	JOHN F CRAWFORD HOMES
MODEL:	CUSTOM
ELEV:	GABLE
ADDRESS:	TBD
LOT / BLOCK:	N/A
SUBDIVISION:	WEBB RES.
CITY:	Alachua
DRAWN BY:	Holloway, Kim
JOB # :	4542257
DATE:	3/24/2025
SCALE:	N.T.S.

REVISIONS: