

Trenco
818 Soundside Rd
Edenton, NC 27932

Re: J0325-1593
Lot 119 Ducks Landing

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Comtech, Inc - Fayetteville.

Pages or sheets covered by this seal: I74879339 thru I74879367

My license renewal date for the state of North Carolina is December 31, 2025.

North Carolina COA: C-0844



July 14, 2025

Gilbert, Eric

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.

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	A01GE	COMMON SUPPORTED GAB	1	1		I74879339
Job Reference (optional)						

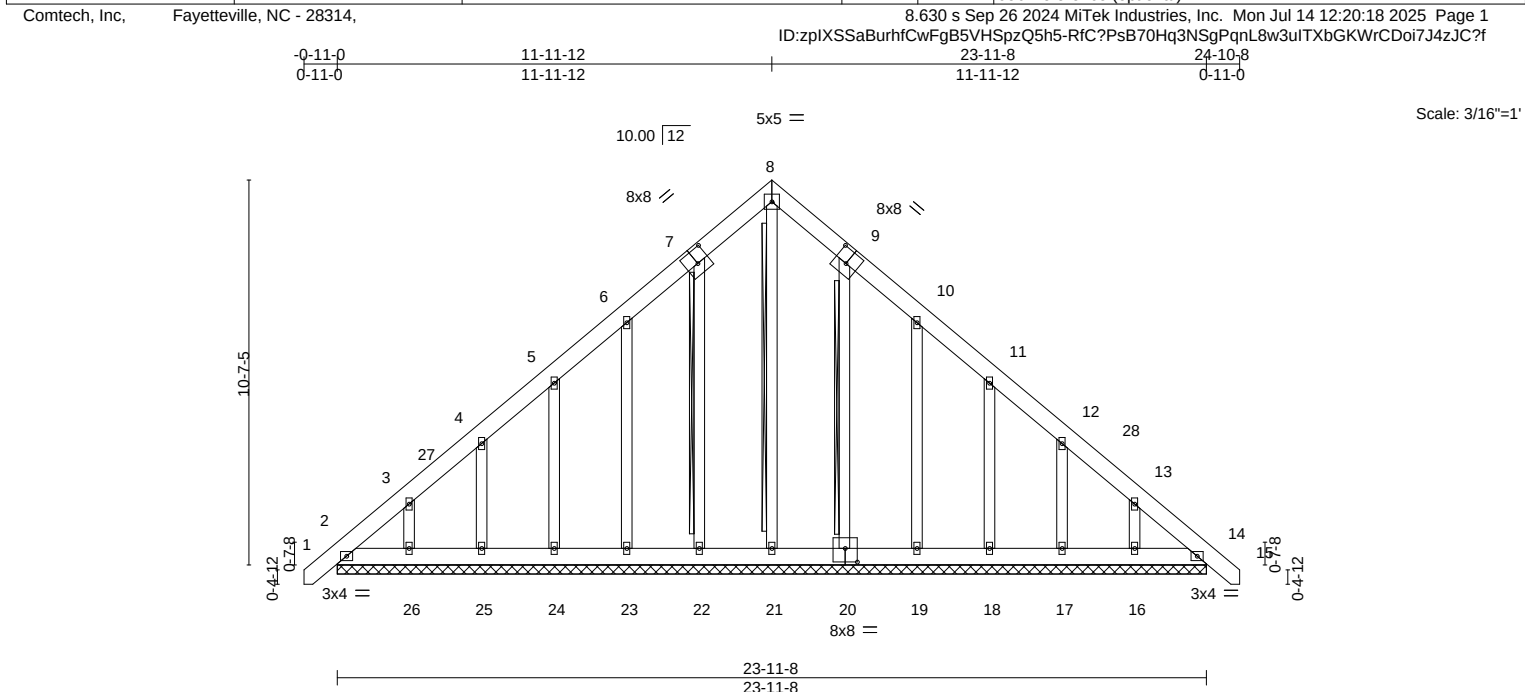
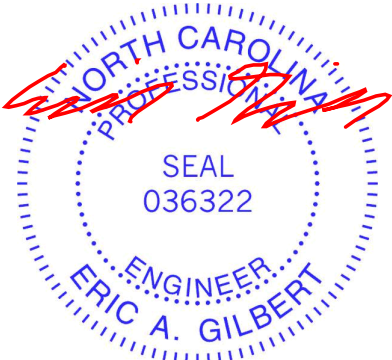


Plate Offsets (X,Y)-- [7:0-4-0,0-4-8], [9:0-4-0,0-4-8], [20:0-4-0,0-4-8]									
LOADING (psf)	SPACING-	2-0-0	CS.	DEFL.	in	(loc)	l/defl	L/d	PLATES
TCLL 20.0	Plate Grip DOL	1.15	TC 0.04	Vert(LL)	0.00	14	n/r	120	MT20
TCDL 10.0	Lumber DOL	1.15	BC 0.03	Vert(CT)	0.00	14	n/r	120	
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.11	Horz(CT)	0.01	14	n/a	n/a	
BCDL 10.0	Code IRC2021/TPI2014		Matrix-S						
									Weight: 219 lb FT = 25%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x6 SP No.1	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.2	T-Brace: 2x4 SPF No.2 - 8-21, 7-22, 9-20
	Fasten (2X) T and I braces to narrow edge of web with 10d
	(0.131"x3") nails, 6in o.c.,with 3in minimum end distance.
	Brace must cover 90% of web length.

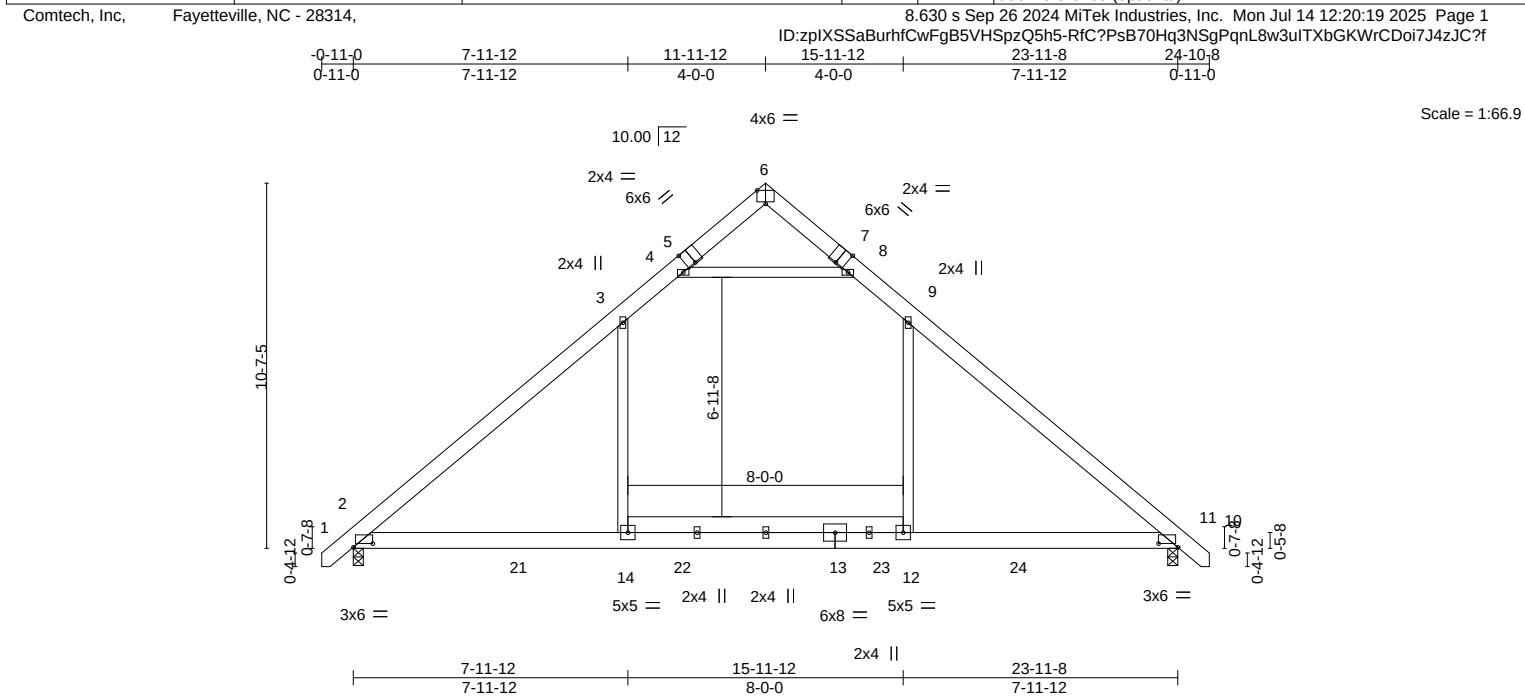
REACTIONS.	FORCES.
All bearings 23-11-8.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
(lb) - Max Horz 2=-319(LC 10)	TOP CHORD 2-3=-360/235, 13-14=-303/150
Max Uplift All uplift 100 lb or less at joint(s) 2, 22, 20, 14 except 23=-113(LC 12),	BOT CHORD 2-26=-125/287, 25-26=-125/287, 24-25=-125/287, 23-24=-125/287, 22-23=-125/287,
24=-112(LC 12), 25=-110(LC 12), 26=-127(LC 12), 19=-116(LC 13), 18=-112(LC 13), 17=-110(LC 13), 16=-125(LC 13)	21-22=-125/288, 20-21=-125/288, 19-20=-123/286, 18-19=-123/286, 17-18=-123/286,
Max Grav All reactions 250 lb or less at joint(s) 2, 21, 22, 23, 24, 25, 26, 20, 19,	16-17=-123/286, 14-16=-123/286
18, 17, 16, 14	

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) 0-9-9 to 3-7-4, Exterior(2N) 3-7-4 to 11-11-12, Corner(3R) 11-11-12 to 16-4-9, Exterior(2N) 16-4-9 to 24-9-1 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) All plates are 2x4 MT20 unless otherwise indicated.
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 30.0psf on the bottom chord in 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) 2, 22, 20, 14 except (jt=lb) 23=113, 24=112, 25=110, 26=127, 19=116, 18=112, 17=110, 16=125.
10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



July 14,2025

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	A02	COMMON	6	1		I74879340
Comtech, Inc., Fayetteville, NC - 28314,						8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:19 2025 Page 1
						ID:zplXSSaBurhfCwFgB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f
						Job Reference (optional)



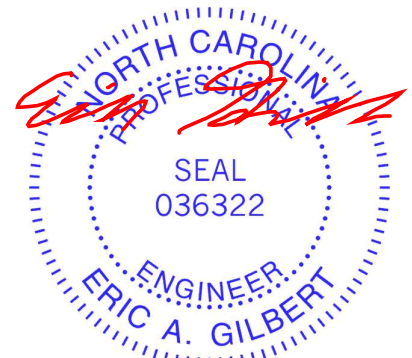
LOADING (psf)	SPACING-	CS.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.49	Vert(LL) -0.17	12-20	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.43	Vert(CT) -0.22	12-20	>999	240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.62	Horz(CT) 0.02	10	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014	Matrix-AS	Wind(LL) 0.17	14-17	>999	240	Weight: 180 lb	FT = 25%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1	TOP CHORD Structural wood sheathing directly applied.
BOT CHORD 2x6 SP No.1	BOT CHORD Rigid ceiling directly applied.
WEBS 2x4 SP No.2	

REACTIONS. (size) 2=0-3-8, 10=0-3-8
Max Horz 2=-255(LC 10)
Max Grav 2=1296(LC 19), 10=1296(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1579/79, 3-4=-979/204, 4-6=-27/290, 6-8=-27/291, 8-9=-979/204, 9-10=-1579/79
BOT CHORD 2-14=0/1136, 12-14=0/1136, 10-12=0/1136
WEBS 9-12=0/570, 3-14=0/570, 4-8=-1392/273

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) -0-9-9 to 3-7-4, Interior(1) 3-7-4 to 11-11-12, Exterior(2R) 11-11-12 to 16-1-8, Interior(1) 16-1-8 to 24-9-1 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 200.0lb AC unit load placed on the bottom chord, 11-11-12 from left end, supported at two points, 5-0-0 apart.
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 30.0psf on the bottom chord in 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) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

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ENGINEERING BY
TRENCO
A MiTek Affiliate

818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	A03	COMMON	3	1		I74879341
Job Reference (optional)						

Comtech, Inc, Fayetteville, NC - 28314,

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:20 2025 Page 1

ID:zplXSSaBurhfcWfGpB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f

0-11-0 7-11-12 11-11-12 15-11-12 23-11-8
0-11-0 7-11-12 4-0-0 4-0-0 7-11-12

Scale = 1:66.9

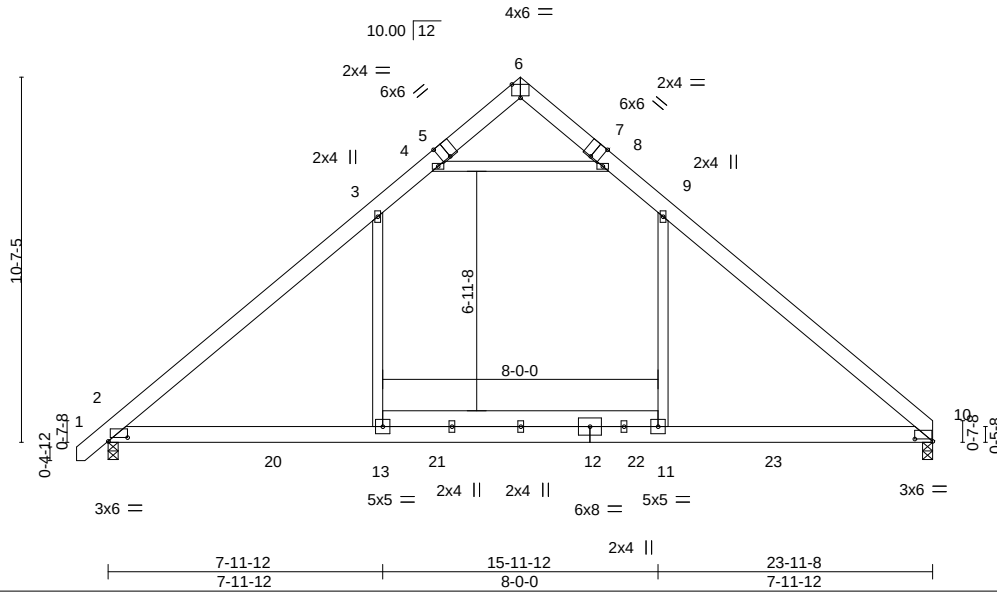


Plate Offsets (X,Y)-- [2:0-6-12,0-1-5], [5:0-3-0,Edge], [6:0-3-0,Edge], [7:0-3-0,Edge], [10:0-6-4,0-0-13]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.50	Vert(LL)	-0.17 11-19	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.43	Vert(CT)	-0.22 11-19	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.62	Horz(CT)	0.02 10	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-AS	Wind(LL)	0.17 13-16	>999	240		
								Weight: 178 lb	FT = 25%

LUMBER-

TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS.

(size) 2=0-3-8, 10=0-3-8
Max Horz 2=250(LC 9)
Max Grav 2=1296(LC 19), 10=1251(LC 20)

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

TOP CHORD 2-3=-1581/80, 3-4=-981/205, 4-6=-28/291, 6-8=-28/292, 8-9=-980/206, 9-10=-1579/81
BOT CHORD 2-13=0/1129, 11-13=0/1129, 10-11=0/1129
WEBS 9-11=0/571, 3-13=0/571, 4-8=-1395/277

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) -0-9-9 to 3-7-4, Interior(1) 3-7-4 to 11-11-12, Exterior(2R) 11-11-12 to 16-1-8, Interior(1) 16-1-8 to 23-11-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 200.0lb AC unit load placed on the bottom chord, 11-11-12 from left end, supported at two points, 5-0-0 apart.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 30.0psf on the bottom chord in 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.
- This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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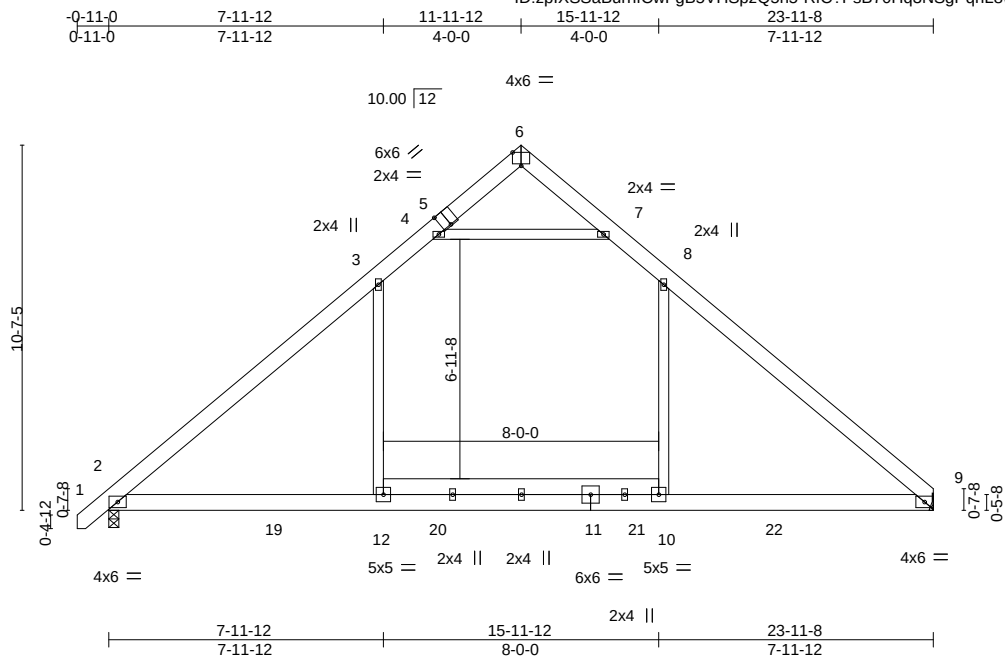
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacompnents.com)

ENGINEERING BY
TRENCO
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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	A05	COMMON	2	1		I74879342
Comtech, Inc., Fayetteville, NC - 28314,						8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:21 2025 Page 1
						ID:zpIXSSaBurhfcWfGpB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f
						Job Reference (optional)



Scale = 1:66.9

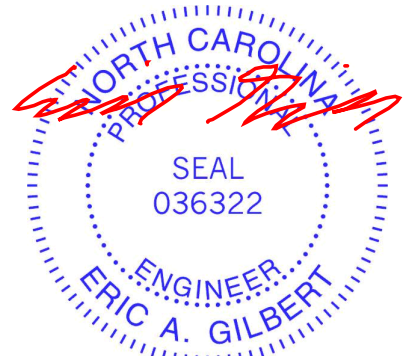
Plate Offsets (X,Y)--		[5:0-3-0,Edge], [6:0-3-0,Edge]	
LOADING (psf)		SPACING-	2-1-8
TCLL	20.0	Plate Grip DOL	1.15
TCDL	10.0	Lumber DOL	1.15
BCLL	0.0 *	Rep Stress Incr	NO
BCDL	10.0	Code	IRC2021/TPI2014
		CSI.	
		TC	0.72
		BC	0.52
		WB	0.66
		Matrix-MS	
		DEFL.	
		in (loc)	l/defl
		Vert(LL)	-0.19 10-15 >999 360
		Vert(CT)	-0.26 10-15 >999 240
		Horz(CT)	0.02 9 n/a n/a
		Wind(LL)	0.19 12-18 >999 240
		PLATES	GRIP
		MT20	244/190
		Weight: 178 lb	FT = 25%

LUMBER-		BRACING-	
TOP CHORD	2x6 SP No.1	TOP CHORD	Structural wood sheathing directly applied or 5-4-2 oc purlins.
BOT CHORD	2x6 SP No.1	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.2		

REACTIONS.	(size) 9=Mechanical, 2=0-3-8
	Max Horz 2=266(LC 9)
	Max Grav 9=1323(LC 20), 2=1371(LC 19)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-1677/99, 3-4=-1039/225, 4-6=-36/307, 6-7=-35/308, 7-8=-1038/226, 8-9=-1675/99
BOT CHORD	2-12=0/1197, 10-12=0/1198, 9-10=0/1197
WEBS	8-10=0/607, 3-12=0/607, 4-7=-1480/312

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) -0-9-9 to 3-7-4, Interior(1) 3-7-4 to 11-11-12, Exterior(2R) 11-11-12 to 16-1-8, Interior(1) 16-1-8 to 23-11-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 200.0lb AC unit load placed on the bottom chord, 11-11-12 from left end, supported at two points, 5-0-0 apart.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in 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.
 - Refer to girder(s) for truss to truss connections.



July 14,2025

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ENGINEERING BY
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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	I74879343
J0325-1593	A06	COMMON	7	1	Job Reference (optional)	

Comtech, Inc, Fayetteville, NC - 28314,

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:21 2025 Page 1

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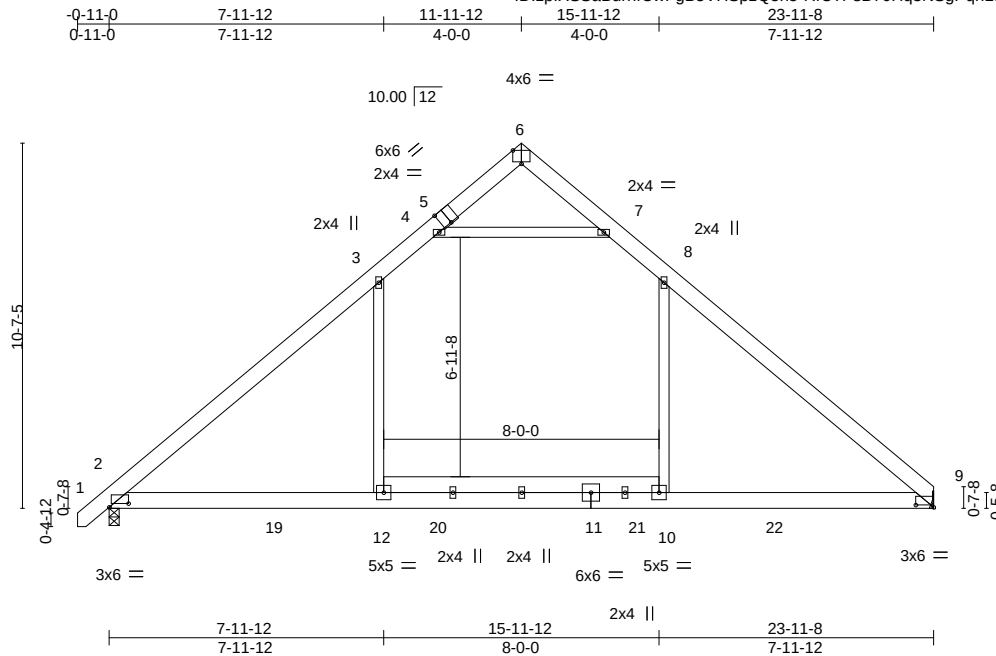


Plate Offsets (X,Y)-- [2:0-6-12,0-1-5], [5:0-3-0,Edge], [6:0-3-0,Edge], [9:0-6-4,0-0-13]

LOADING (psf)	SPACING-	2-0-0	CS.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.54	Vert(LL)	-0.17 10-15	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.43	Vert(CT)	-0.22 10-15	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.62	Horz(CT)	0.02 9	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-AS	Wind(LL)	0.17 12-18	>999	240	Weight: 178 lb	FT = 25%

LUMBER-

TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. (size) 9=Mechanical, 2=0-3-8
Max Horz 2=250(LC 9)
Max Grav 9=1251(LC 20), 2=1296(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1581/80, 3-4=-981/205, 4-6=-28/291, 6-7=-28/292, 7-8=-980/206, 8-9=-1579/81
BOT CHORD 2-12=0/1129, 10-12=0/1129, 9-10=0/1129
WEBS 8-10=0/571, 3-12=0/571, 4-7=-1395/277

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) -0-9-9 to 3-7-4, Interior(1) 3-7-4 to 11-11-12, Exterior(2R) 11-11-12 to 16-1-8, Interior(1) 16-1-8 to 23-11-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 200.0lb AC unit load placed on the bottom chord, 11-11-12 from left end, supported at two points, 5-0-0 apart.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 30.0psf on the bottom chord in 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.
- Refer to girder(s) for truss to truss connections.
- This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	174879344
J0325-1593	A07GE	COMMON SUPPORTED GAB	1	1	Job Reference (optional)	

Comtech, Inc,	Fayetteville, NC - 28314,	8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:22 2025 Page 1
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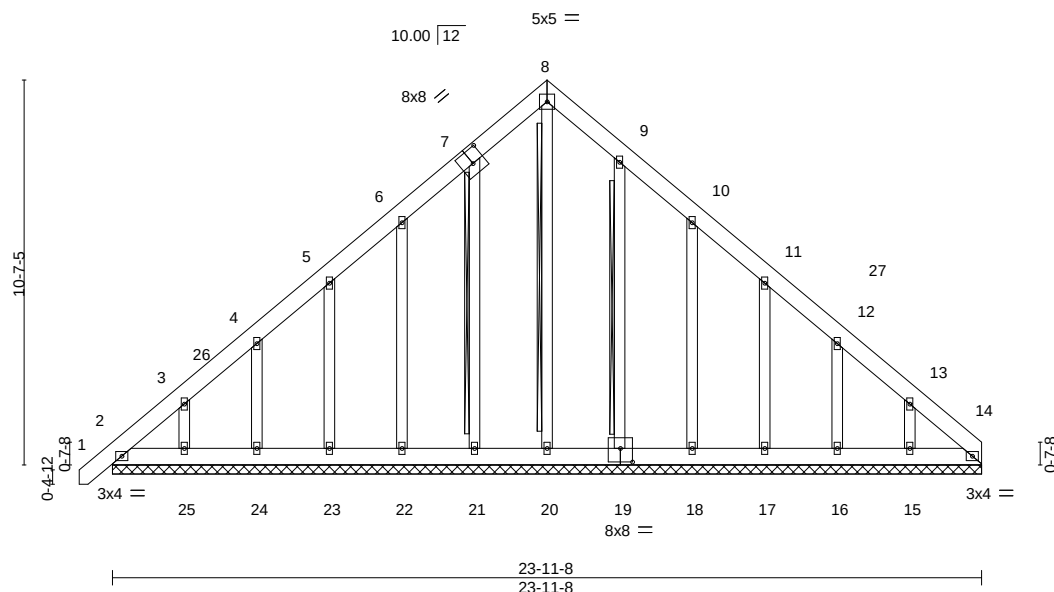


Plate Offsets (X,Y)-- [7:0-4-0,0-4-8], [19:0-4-0,0-4-8]	
LOADING (psf)	SPACING- 2-0-0
TCLL 20.0	Plate Grip DOL 1.15
TCDL 10.0	Lumber DOL 1.15
BCLL 0.0 *	Rep Stress Incr YES
BCDL 10.0	Code IRC2021/TPI2014
	CSL TC 0.04
	BC 0.03
	WB 0.11
	Matrix-S
	DEFL. in (loc) l/defl L/d
	Vert(LL) -0.00 1 n/r 120
	Vert(CT) 0.00 1 n/r 120
	Horz(CT) 0.01 14 n/a n/a
	PLATES MT20
	GRIP 244/190
	Weight: 217 lb FT = 25%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x6 SP No.1	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.2	T-Brace: 2x4 SPF No.2 - 8-20, 7-21, 9-19
	Fasten (2X) T and I braces to narrow edge of web with 10d
	(0.131"x3") nails, 6in o.c., with 3in minimum end distance.
	Brace must cover 90% of web length.

REACTIONS. All bearings 23-11-8.
(lb) - Max Horz 2=313(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 14, 2, 21, 19 except 22=-113(LC 12),
23=-112(LC 12), 24=-110(LC 12), 25=-128(LC 12), 18=-126(LC 13), 17=-111(LC 13),
16=-107(LC 13), 15=-137(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 14, 2, 20, 21, 22, 23, 24, 25, 19,
18, 17, 16, 15

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-362/232, 3-4=-251/189, 13-14=-317/158
BOT CHORD 2-25=-121/269, 24-25=-121/269, 23-24=-121/269, 22-23=-121/269, 21-22=-121/269,
20-21=-120/269, 19-20=-120/269, 18-19=-120/270, 17-18=-120/269, 16-17=-120/269,
15-16=-120/269, 14-15=-120/269

- NOTES-**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) 0-9-9 to 3-7-4, Exterior(2N) 3-7-4 to 11-11-12, Corner(3R) 11-11-12 to 16-4-9, Exterior(2N) 16-4-9 to 23-11-8 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) All plates are 2x4 MT20 unless otherwise indicated.
 - 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 30.0psf on the bottom chord in 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) 14, 2, 21, 19 except (jt=lb) 22=113, 23=112, 24=110, 25=128, 18=126, 17=111, 16=107, 15=137.
 - 10) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.



July 14, 2025

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	B01GE	GABLE	1	1		I74879345
Comtech, Inc., Fayetteville, NC - 28314,						8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:22 2025 Page 1
						ID:zplXSSaBurhfCwFgB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f
						Job Reference (optional)

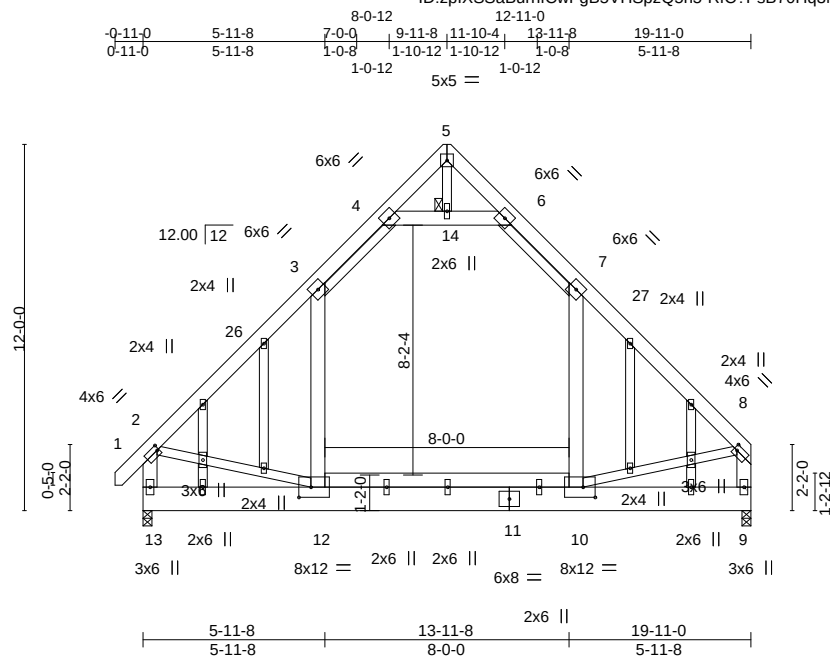
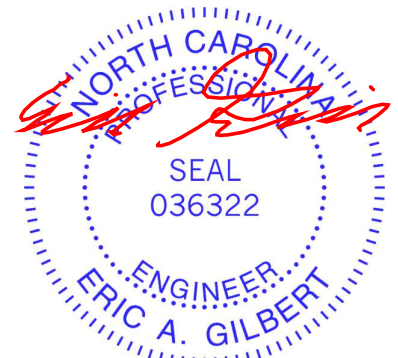


Plate Offsets (X,Y)-- [2:0-0-12,0-2-0], [8:0-1-4,0-2-0], [10:0-4-12,0-4-0], [12:0-4-12,0-4-0]									
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d		PLATES GRIP	
TCLL	20.0	Plate Grip DOL	1.15	TC	0.49	Vert(LL)	-0.08 10-12 >999	360	MT20 244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.14 10-12 >999	240	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.00 9 n/a	n/a	
BCDL	10.0	Code IRC2021/TPI2014		Matrix-AS		Wind(LL)	0.07 10-12 >999	240	Weight: 262 lb FT = 25%

LUMBER-		BRACING-	
TOP CHORD	2x6 SP No.1	TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	2x10 SP No.1 *Except*	BOT CHORD	Rigid ceiling directly applied.
	10-12: 2x6 SP No.1	JOINTS	1 Brace at Jt(s): 14
WEBS	2x6 SP No.1 *Except*		
	5-14,2-12,8-10,3-4,6-25: 2x4 SP No.2		
OTHERS	2x4 SP No.2		
REACTIONS.			
(size)	13=0-3-8, 9=0-3-8		
Max Horz	13=384(LC 11)		
Max Grav	13=1248(LC 21), 9=1209(LC 20)		

FORCES.		(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	2-3=-1325/54, 3-4=-764/139, 6-7=-767/140, 7-8=-1316/51, 2-13=-1280/49, 8-9=-1238/32	
BOT CHORD	12-13=-408/553, 10-12=0/849	
WEBS	7-10=-52/449, 3-12=-49/465, 4-14=-1011/236, 6-14=-1011/236, 2-12=-41/698, 8-10=-43/725	

NOTES-	
1)	Unbalanced roof live loads have been considered for this design.
2)	Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-9-10 to 3-7-3, Interior(1) 3-7-3 to 9-11-8, Exterior(2R) 9-11-8 to 14-2-4, Interior(1) 14-2-4 to 19-8-4 zone; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3)	Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4)	Gable studs spaced at 2-0-0 oc.
5)	This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6)	* This truss has been designed for a live load of 30.0psf on the bottom chord in 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)	Ceiling dead load (10.0 psf) on member(s). 3-4, 6-7, 4-14, 6-14; Wall dead load (5.0psf) on member(s).7-10, 3-12
8)	Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 10-12
9)	This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
10)	Attic room checked for L/360 deflection.



July 14,2025

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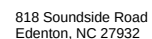
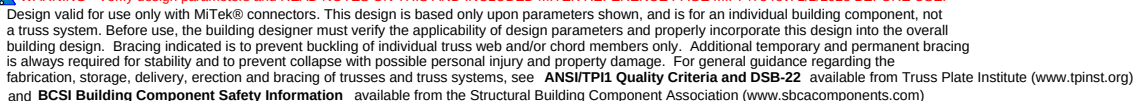
818 Soundside Road
Edenton, NC 27932

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LUMBER	BRACING

July 14, 2025

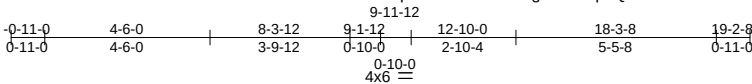


Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	174879348
J0325-1593	C01GE	GABLE	1	1	Job Reference (optional)	

Comtech, Inc, Fayetteville, NC - 28314,

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Scale = 1:62.8

Plate Offsets (X,Y)--		[2:0-2-3,0-1-8], [6:0-3-0,Edge], [10:0-2-3,0-1-8]									
LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0		Plate Grip DOL	1.15	TC 0.09		Vert(LL)	0.01 12-26	>999	240	MT20	244/190
TCDL 10.0		Lumber DOL	1.15	BC 0.08		Vert(CT)	-0.01 12-26	>999	240		
BCLL 0.0 *		Rep Stress Incr	YES	WB 0.13		Horz(CT)	0.01 10	n/a	n/a		
BCDL 10.0		Code IRC2021/TPI2014		Matrix-AS						Weight: 181 lb	FT = 25%

LUMBER-

TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied.
JOINTS 1 Brace at Jt(s): 5, 7

REACTIONS. All bearings 7-8-0 except (jt=length) 10=0-3-8.

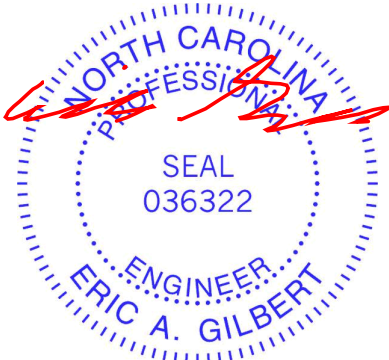
(lb) - Max Horz 2=-298(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 15, 17 except 16=-129(LC 12), 14=-187(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 15, 17, 2 except 2=252(LC 20), 10=514(LC 1), 16=320(LC 19), 14=460(LC 1), 14=460(LC 1), 14=460(LC 1)

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

TOP CHORD 9-10=-478/62, 5-14=-438/260, 5-7=-390/266, 7-9=-359/268
BOT CHORD 2-17=-144/256, 16-17=-144/256, 15-16=-144/256, 14-15=-144/256, 12-14=0/284, 10-12=0/284
WEBS 3-16=-298/181

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-9-10 to 3-7-3, Interior(1) 3-7-3 to 9-1-12, Exterior(2R) 9-1-12 to 13-6-9, Interior(1) 13-6-9 to 19-1-2 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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.
- All plates are 2x4 MT20 unless otherwise indicated.
- Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 15, 17, 2 except (jt=lb) 16=129, 14=187, 14=187.
- This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.
- Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



July 14,2025

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	C02	COMMON	3	1		I74879349

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8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:25 2025 Page 1

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0-11-0

9-1-12

18-3-8

19-2-8

0-11-0

9-1-12

9-1-12

0-11-0

5x8 ||

Scale = 1:60.3

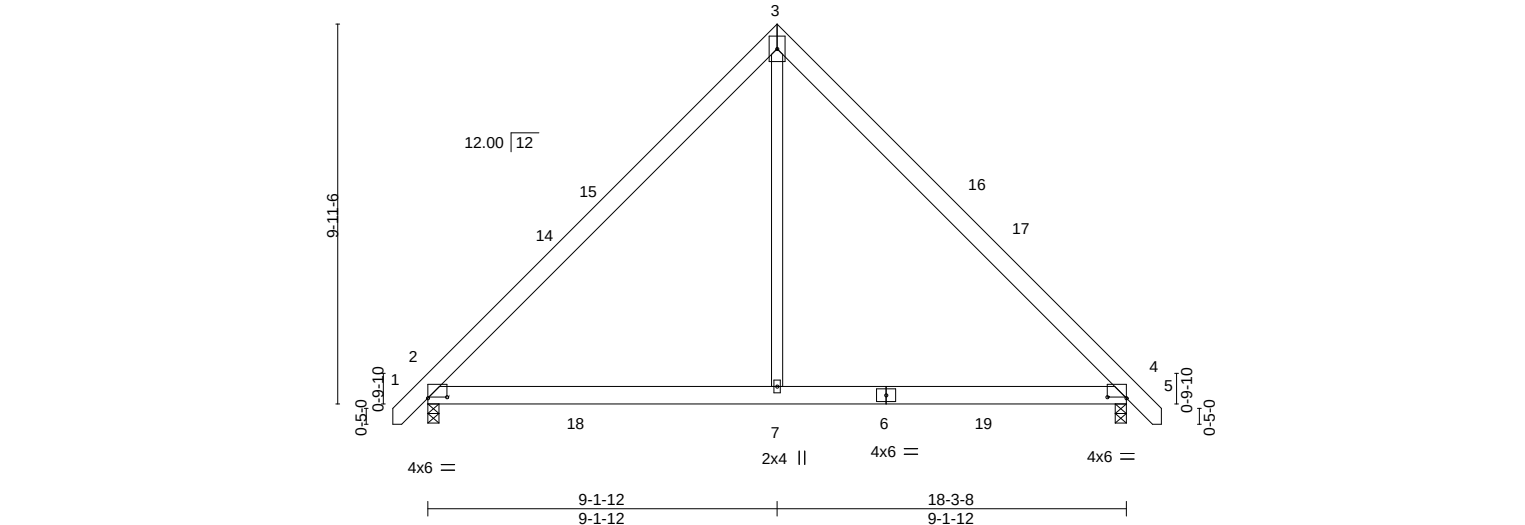


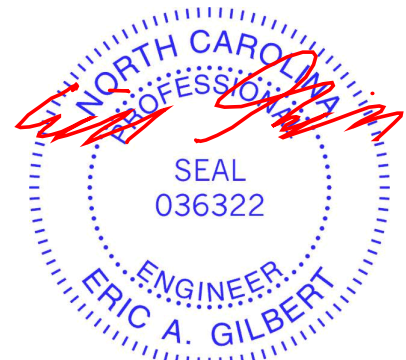
Plate Offsets (X,Y)--		[2:0-6-0,0-0-5], [4:0-6-0,0-0-5]									
LOADING	(psf)	SPACING-		CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES
TCLL	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	-0.08	7-10	>999	360	MT20
TCDL	10.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.12	7-10	>999	240	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.01	2	n/a	n/a	
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL)	0.06	7-13	>999	240	
											Weight: 124 lb
											FT = 25%

LUMBER-		BRACING-	
TOP CHORD	2x6 SP No.1	TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	2x6 SP No.1	BOT CHORD	Rigid ceiling directly applied.
WEBS	2x4 SP No.2		

REACTIONS.	
(size)	4=0-3-8, 2=0-3-8
Max Horz	2=238(LC 11)
Max Uplift	4=-34(LC 13), 2=-34(LC 12)
Max Grav	4=999(LC 20), 2=999(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	2-3=-994/223, 3-4=-994/223
BOT CHORD	2-7=0/676, 4-7=0/676
WEBS	3-7=0/758

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) -0-9-10 to 3-7-3, Interior(1) 3-7-3 to 9-1-12, Exterior(2R) 9-1-12 to 13-6-9, Interior(1) 13-6-9 to 19-1-2 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4, 2.
 - This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



July 14,2025

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	C03-GR	FINK	1	2	74879350

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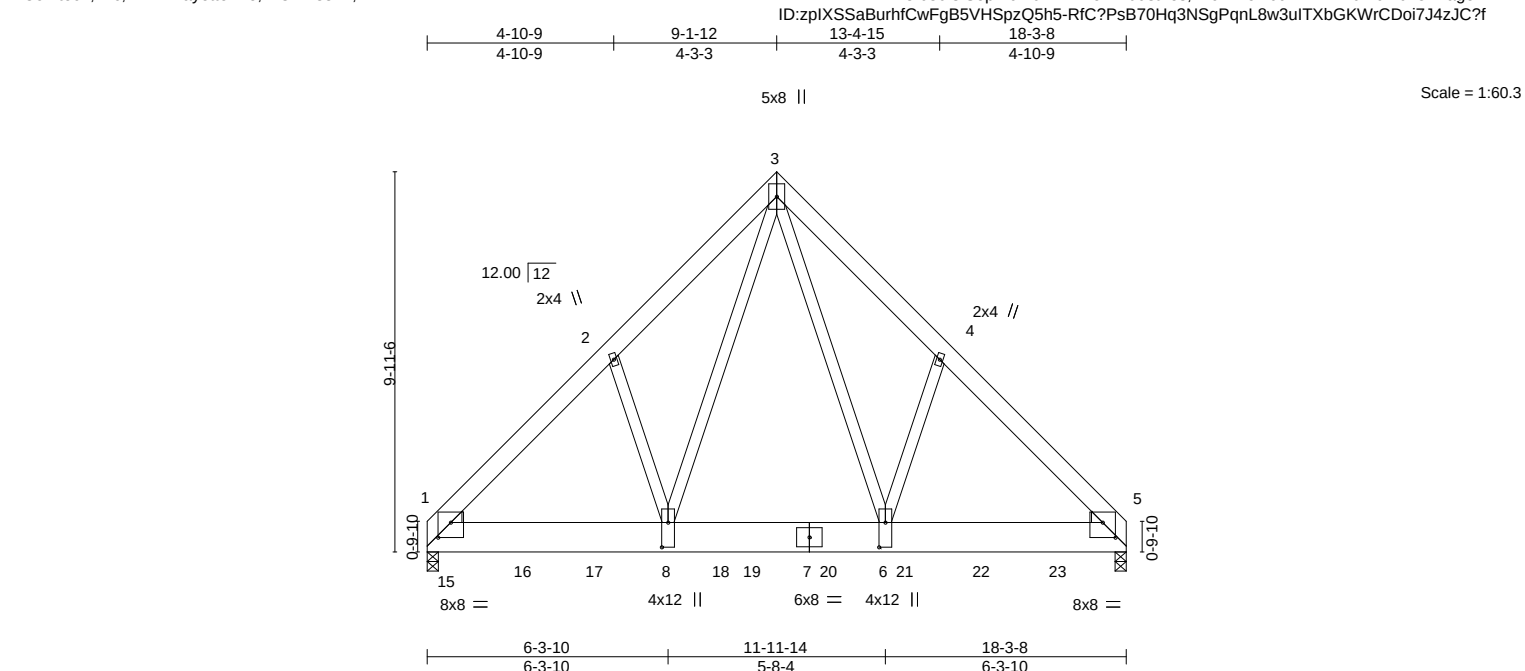


Plate Offsets (X,Y)--		[1:0-4-0,0-4-12], [5:0-4-0,0-4-12], [6:0-7-12,0-2-0], [8:0-7-12,0-2-0]	
LOADING (psf)	SPACING-	2-0-0	CSI.
TCLL 20.0	Plate Grip DOL	1.15	TC 0.18
TCDL 10.0	Lumber DOL	1.15	BC 0.27
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.55
BCDL 10.0	Code	IRC2021/TP12014	Matrix-MS
		DEFL.	in (loc) l/defl L/d
		Vert(LL)	-0.06 6-8 >999 360
		Vert(CT)	-0.10 6-8 >999 240
		Horz(CT)	0.01 5 n/a n/a
		Wind(LL)	0.03 6-8 >999 240
		PLATES	GRIP
		MT20	244/190
		Weight: 351 lb	FT = 25%

LUMBER-	BRACING-
TOP CHORD 2x6 SP No.1	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x10 SP 2400F 2.0E	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.2	
WEDGE	
Left: 2x4 SP No.1 , Right: 2x4 SP No.1	

REACTIONS.	(size) 1=0-3-8, 5=0-3-8
	Max Horz 1=219(LC 26)
	Max Uplift 1=-286(LC 9), 5=-247(LC 8)
	Max Grav 1=6752(LC 2), 5=5807(LC 2)

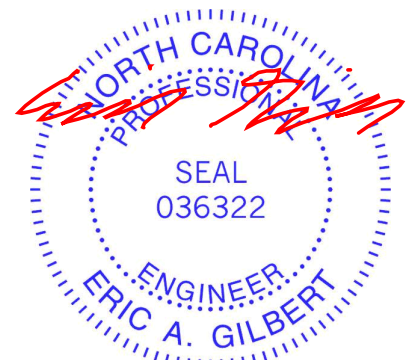
FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	1-2=-6258/326, 2-3=-6194/422, 3-4=-6113/419, 4-5=-6181/323
BOT CHORD	1-8=-231/4410, 6-8=-122/3050, 5-6=-161/4350
WEBS	2-8=-259/202, 3-8=-315/4464, 3-6=-307/4271, 4-6=-259/207

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-7-0 oc.
Bottom chords connected as follows: 2x10 - 2 rows staggered at 0-6-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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.
 - Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=286, 5=247.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1210 lb down and 56 lb up at 0-5-4, 1201 lb down and 61 lb up at 2-5-4, 1276 lb down and 65 lb up at 4-3-12, 1276 lb down and 65 lb up at 6-6-12, 1173 lb down and 61 lb up at 8-5-4, 1182 lb down and 61 lb up at 10-5-4, 1201 lb down and 61 lb up at 12-5-4, and 1201 lb down and 61 lb up at 14-5-4, and 1201 lb down and 61 lb up at 16-5-4 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

July 14,2025



Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	C03-GR	FINK	1	2	I74879350
Job Reference (optional)					

LOAD CASE(S) Standard

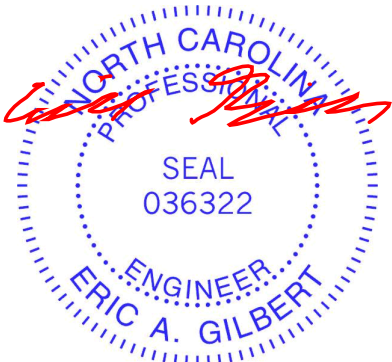
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 9-12=-20, 1-3=-60, 3-5=-60

Concentrated Loads (lb)

Vert: 8=-996(B) 15=-943(B) 16=-938(B) 17=-996(B) 19=-938(B) 20=-938(B) 21=-938(B) 22=-938(B) 23=-938(B)



July 14,2025

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Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	G01GE	COMMON SUPPORTED GAB	1	1		I74879351
Job Reference (optional)						

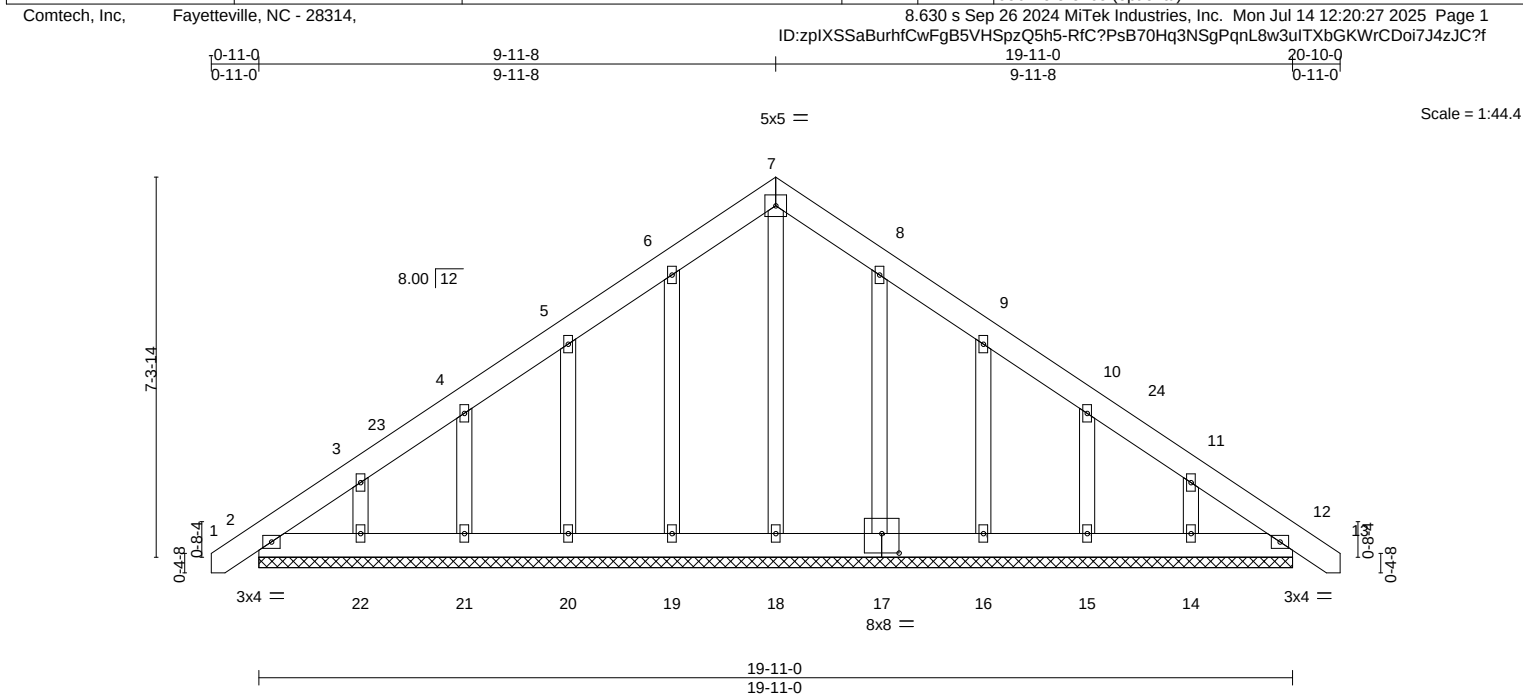


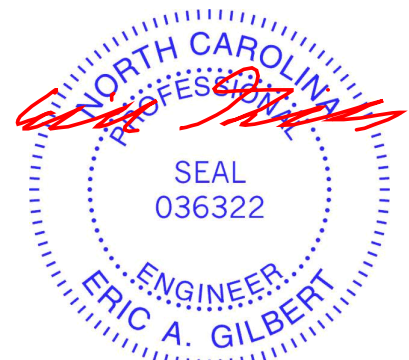
Plate Offsets (X,Y)--		[17'-0-4-0,0-4-8]									
LOADING (psf)		SPACING-		CSI.		DEFL.		in (loc)	l/defl	L/d	
TCLL	20.0	Plate Grip DOL	1.15	TC	0.03	Vert(LL)	0.00	12	n/r	120	
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	0.00	12	n/r	120	
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	12	n/a	n/a	
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-S							
										PLATES	GRIP
										MT20	244/190
										Weight: 155 lb	FT = 25%

LUMBER-		BRACING-	
TOP CHORD	2x6 SP No.1	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	2x6 SP No.1	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS	2x4 SP No.2		

REACTIONS.	
All bearings	19-11-0.
(lb) - Max Horz	2=215(LC 11)
Max Uplift	All uplift 100 lb or less at joint(s) 2, 19, 20, 21, 17, 16, 15, 12 except 22=-106(LC 12), 14=-103(LC 13)
Max Grav	All reactions 250 lb or less at joint(s) 2, 18, 19, 20, 21, 22, 17, 16, 15, 14, 12

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-9-7 to 3-7-6, Exterior(2N) 3-7-6 to 9-11-8, Corner(3R) 9-11-8 to 14-4-5, Exterior(2N) 14-4-5 to 20-8-7 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 19, 20, 21, 17, 16, 15, 12 except (jt=lb) 22=106, 14=103.
 - Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.



July 14,2025

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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	G02	COMMON	6	1		I74879352
Comtech, Inc., Fayetteville, NC - 28314,						

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:27 2025 Page 1			ID:zplXSSaBurhfCwFgB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f			
0-11-0	5-11-8	9-11-8	14-8-5	19-11-0	20-10-0	
0-11-0	5-11-8	4-0-0	4-8-13	5-2-11	0-11-0	
4x6 =						
Scale = 1:44.0						

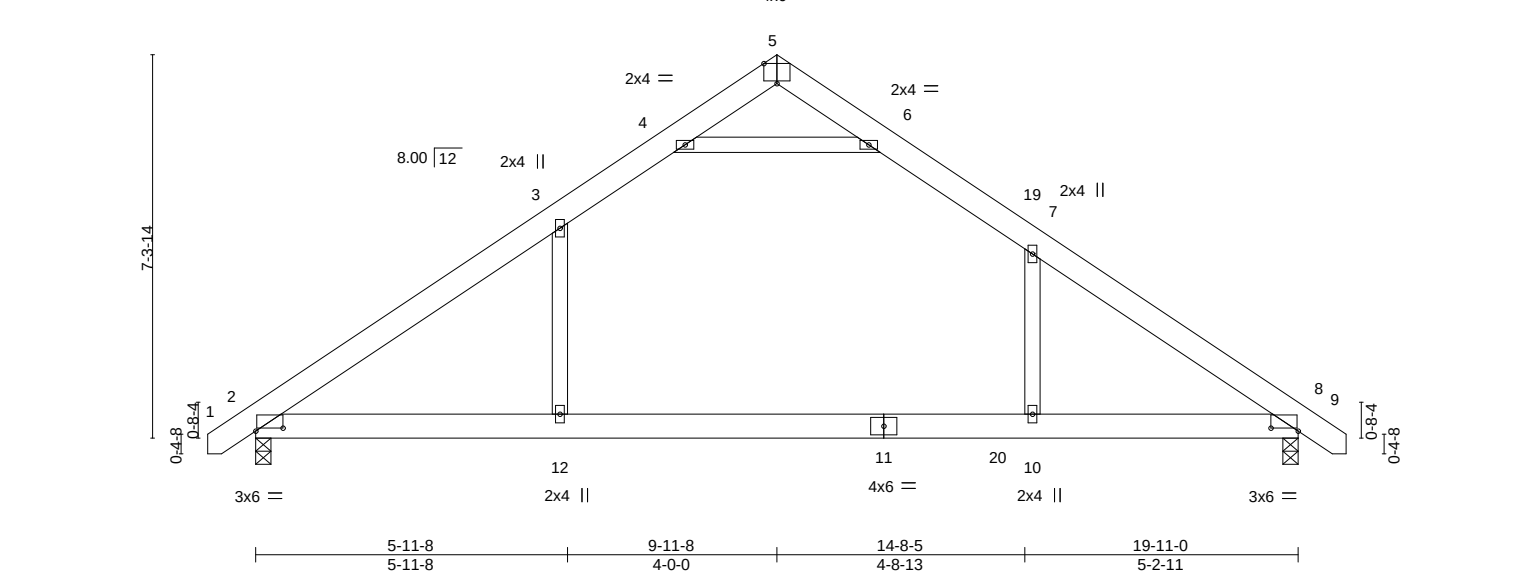


Plate Offsets (X,Y)-- [2:0-6-4,0-0-11], [5:0-3-0,Edge], [8:0-6-4,0-0-11]						
LOADING (psf)		SPACING-	2-0-0	CSI.	DEFL.	in (loc) l/defl L/d
TCLL	20.0	Plate Grip DOL	1.15	TC	0.52	Vert(LL) -0.19 10-12 >999 360
TCDL	10.0	Lumber DOL	1.15	BC	0.44	Vert(CT) -0.28 10-12 >863 240
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT) 0.01 8 n/a n/a
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-AS		Wind(LL) 0.08 12-15 >999 240
				PLATES		GRIP
				MT20		244/190
				Weight: 125 lb		FT = 25%

LUMBER-		BRACING-	
TOP CHORD	2x6 SP No.1	TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD	2x6 SP No.1	BOT CHORD	Rigid ceiling directly applied.
WEBS	2x4 SP No.2		

REACTIONS.		(size) 2=0-3-8, 8=0-3-8
		Max Horz 2=-172(LC 10)
		Max Uplift 2=-53(LC 12), 8=-53(LC 13)
		Max Grav 2=1059(LC 19), 8=1060(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	2-3=-1407/204, 3-4=-971/260, 4-5=-35/449, 5-6=-38/416, 6-7=-1021/256, 7-8=-1422/191
BOT CHORD	2-12=-42/1070, 10-12=-42/1070, 8-10=-42/1070
WEBS	7-10=0/542, 3-12=0/569, 4-6=-1510/336

- NOTES-
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) -0-9-7 to 3-7-6, Interior(1) 3-7-6 to 9-11-8, Exterior(2R) 9-11-8 to 14-4-5, Interior(1) 14-4-5 to 20-8-7 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 30.0psf on the bottom chord in 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.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8.
 - 6) This truss requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



July 14,2025

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ENGINEERING BY
TRENCO
A MiTek Affiliate

818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	H01GE	COMMON SUPPORTED GAB	1	1		I74879353

Comtech, Inc., Fayetteville, NC - 28314, 8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:28 2025 Page 1
 ID:zplXSSaBurhfCwFgB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f
 0-11-0 5-5-8 10-11-0 11-10-0
 0-11-0 5-5-8 5-5-8 0-11-0
 5x5 = Scale = 1:37.8

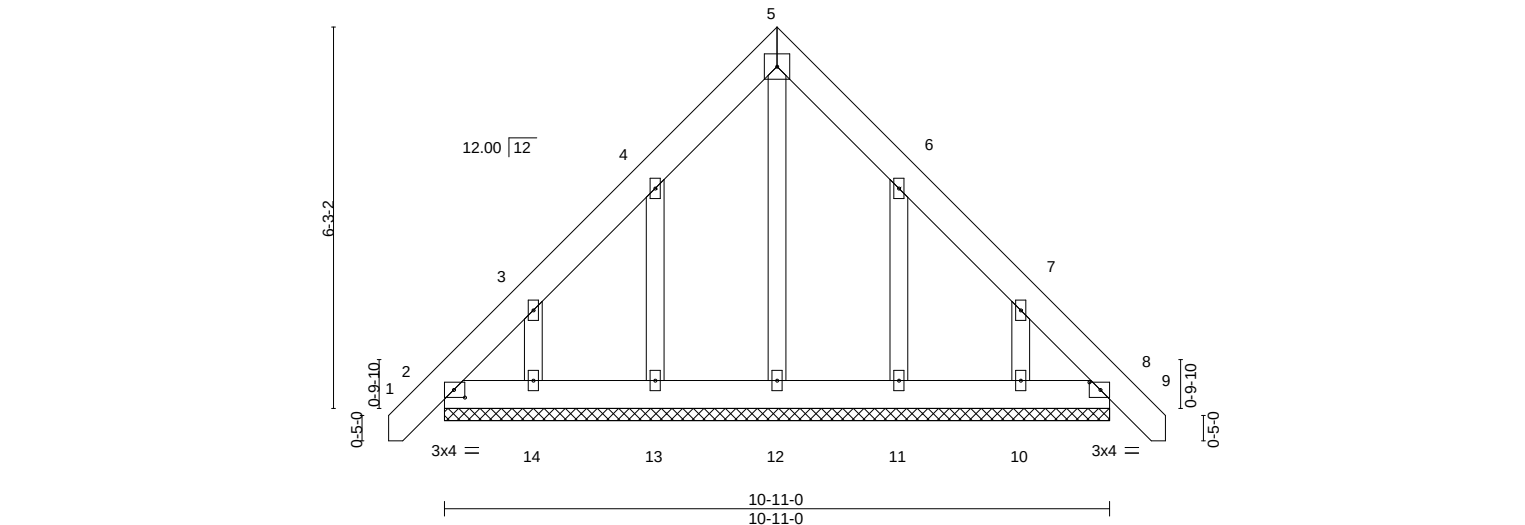


Plate Offsets (X,Y)--		[2:0-2-3,0-1-8], [8:0-2-3,0-1-8]									
LOADING (psf)		SPACING-		CSI.		DEFL.		in (loc)	l/defl	L/d	
TCLL	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	-0.00	8	n/r	120	PLATES
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	-0.00	8	n/r	120	GRIP
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	8	n/a	n/a	MT20
BCDL	10.0	Code IRC2021/TPI2014		Matrix-S							244/190
											Weight: 90 lb FT = 25%

LUMBER-
 TOP CHORD 2x6 SP No.1
 BOT CHORD 2x6 SP No.1
 OTHERS 2x4 SP No.2

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

REACTIONS. All bearings 10-11-0.
 (lb) - Max Horz 2=188(LC 11)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 8 except 13=-135(LC 12), 14=-152(LC 12), 11=-131(LC 13), 10=-150(LC 13)
 Max Grav All reactions 250 lb or less at joint(s) 2, 8, 12, 13, 14, 11, 10

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 BOT CHORD 2-14=-86/267, 13-14=-88/269, 12-13=-89/270, 11-12=-89/270, 10-11=-88/269, 8-10=-86/266
 WEBS 3-14=-168/280, 7-10=-169/280

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-9-10 to 3-5-5, Exterior(2N) 3-5-5 to 5-5-8, Corner(3R) 5-5-8 to 9-10-5, Exterior(2N) 9-10-5 to 11-8-10 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 8 except (jt=lb) 13=135, 14=152, 11=131, 10=150.
 - Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 8.



July 14, 2025

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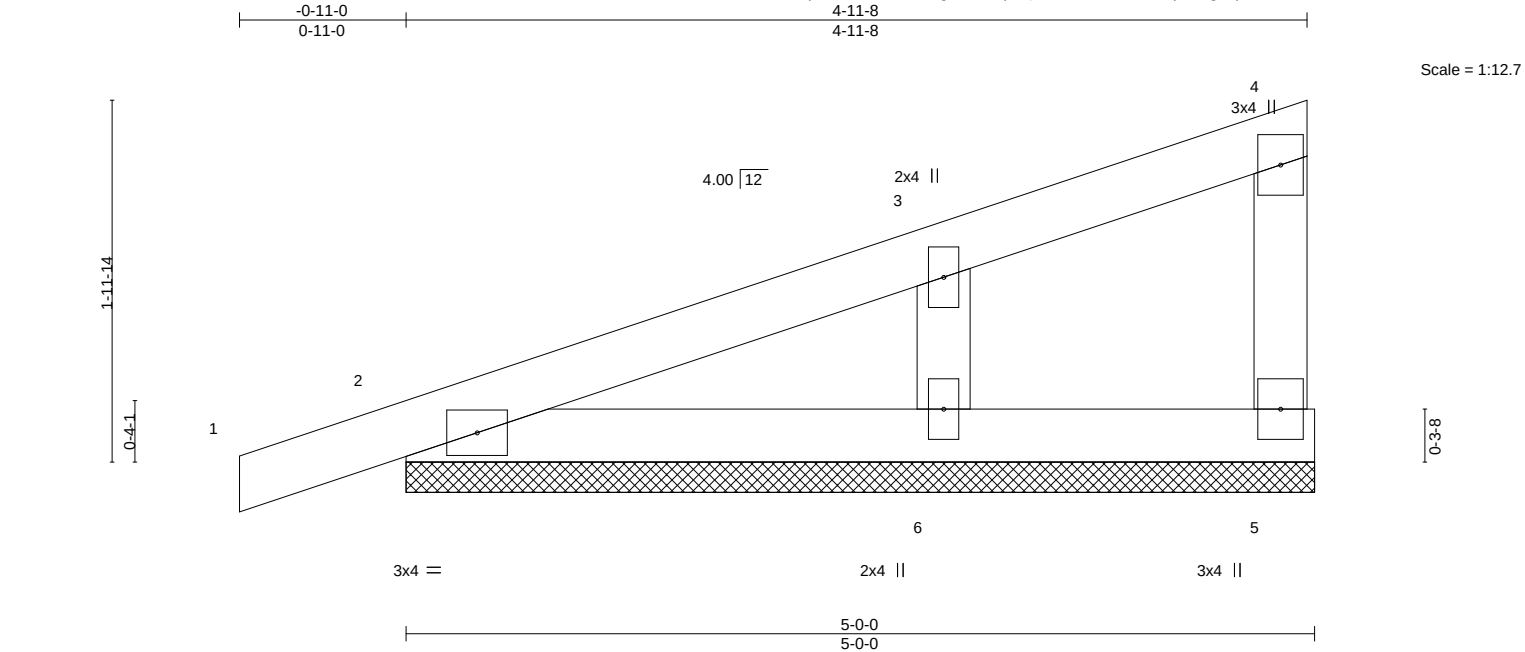
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ENGINEERING BY
TRENCO
 A MiTek Affiliate

818 Soundside Road
 Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	174879354
J0325-1593	M01GE	GABLE	1	1	Job Reference (optional)	

Comtech, Inc., Fayetteville, NC - 28314, 8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:29 2025 Page 1
ID:zplXSSaBurhfCwFgB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f



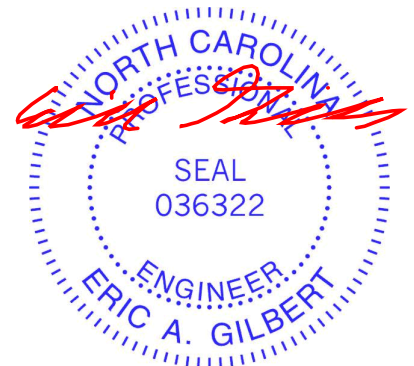
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.09	Vert(LL)	-0.00	1	n/r	120	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.05	Vert(CT)	0.00	1	n/r	120		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.06	Horz(CT)	0.00		n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-P						Weight: 20 lb	FT = 25%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied or 4-11-8 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.2	
OTHERS 2x4 SP No.2	

REACTIONS. (size) 5=5-0-0, 2=5-0-0, 6=5-0-0
Max Horz 2=94(LC 8)
Max Uplift 5=-17(LC 8), 2=-64(LC 8), 6=-81(LC 12)
Max Grav 5=43(LC 1), 2=162(LC 1), 6=235(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-6=-180/352

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-11-0 to 3-5-13, Exterior(2N) 3-5-13 to 4-9-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) Gable requires continuous bottom chord bearing.
 - 4) Gable studs spaced at 2-0-0 oc.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 2, 6.

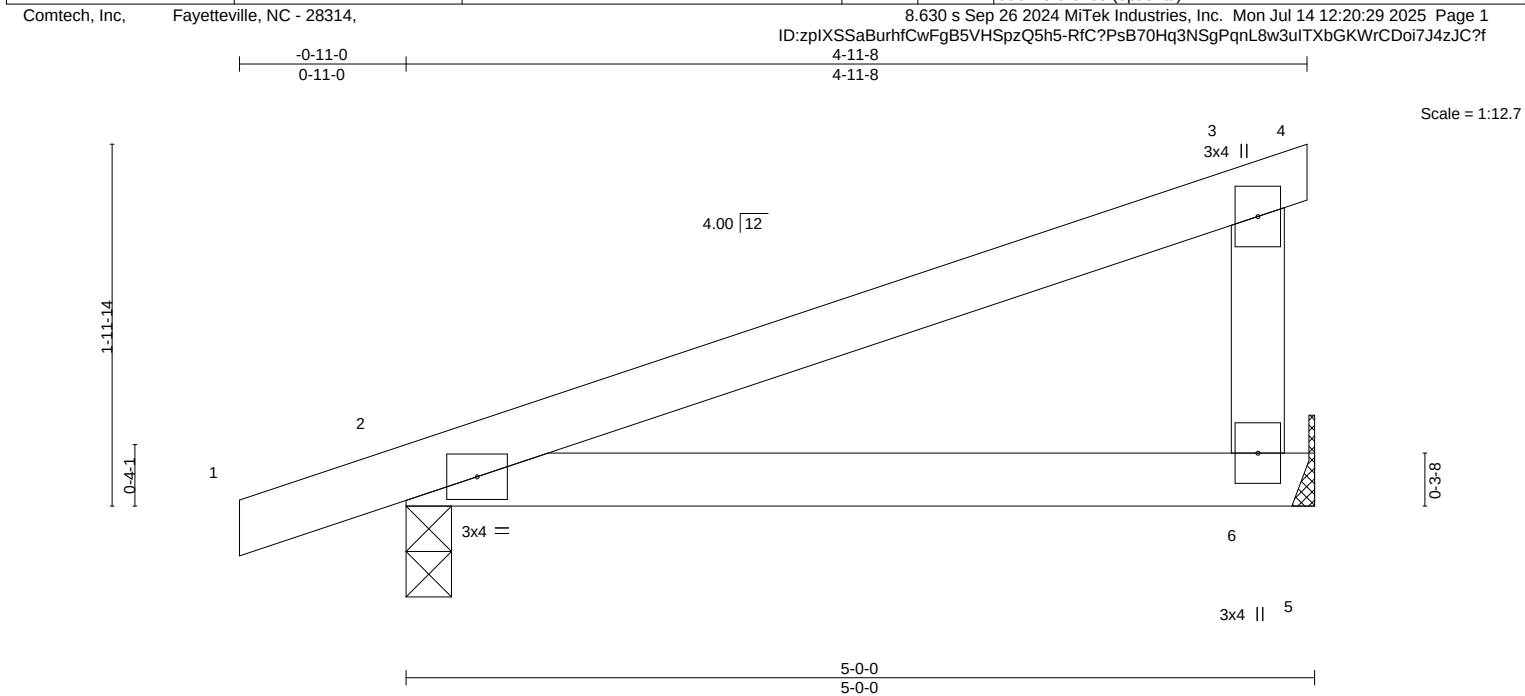


July 14,2025

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ENGINEERING BY
TRENCO
A MiTek Affiliate
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	174879355
J0325-1593	M02	Monopitch	5	1	Job Reference (optional)	



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.27	Vert(LL)	0.08	6-9	>738	240	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.29	Vert(CT)	-0.04	6-9	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	2	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-AS						Weight: 19 lb	FT = 25%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied, except end verticals.
BOT CHORD 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied.
WEBS 2x4 SP No.2	

REACTIONS.	(size) 6=Mechanical, 2=0-3-0
Max Horz 2=68(LC 8)	
Max Uplift 6=-78(LC 8), 2=-99(LC 8)	
Max Grav 6=194(LC 1), 2=248(LC 1)	

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

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) -0-11-0 to 3-5-13, Interior(1) 3-5-13 to 4-11-8 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2.
 - 6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



July 14,2025

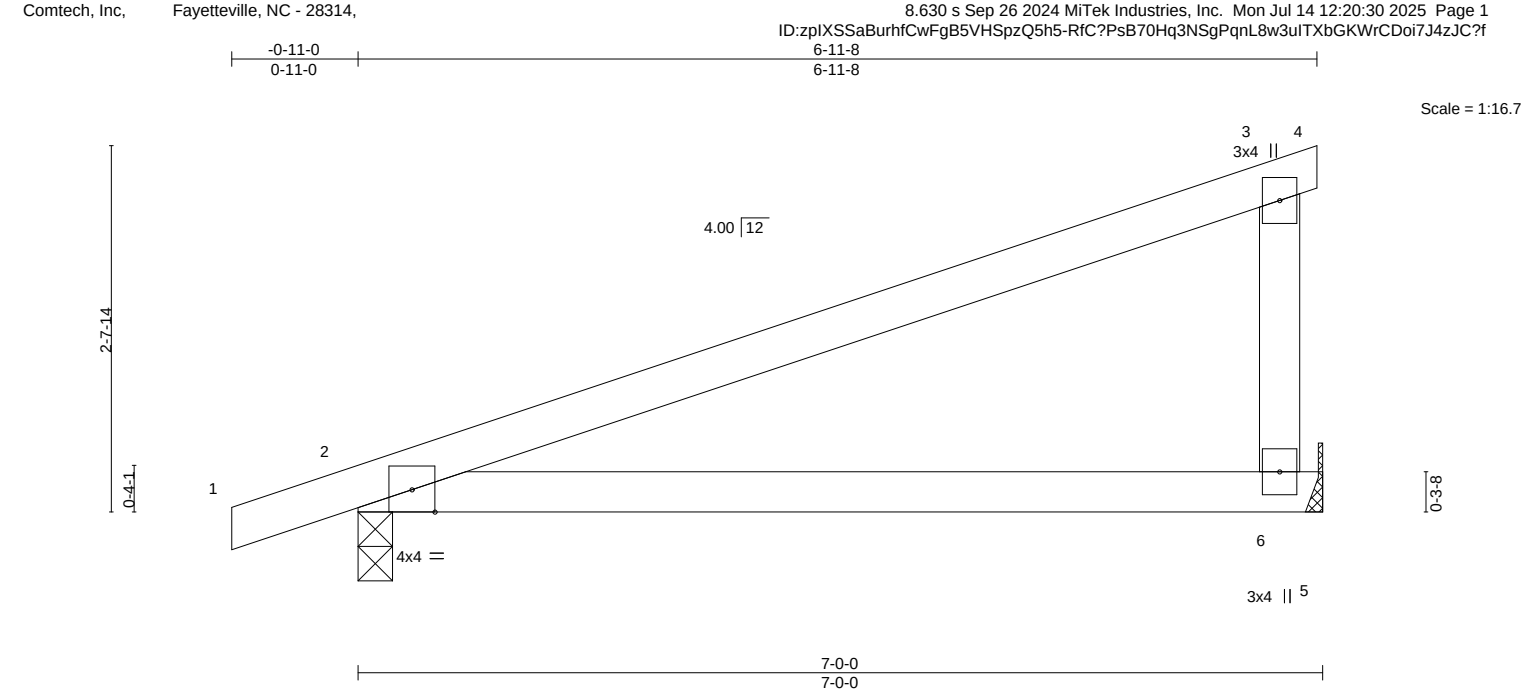
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818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	174879356
J0325-1593	M03	Monopitch	4	1	Job Reference (optional)	



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.57	Vert(LL)	0.31	6-9	>256	240	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.62	Vert(CT)	-0.17	6-9	>484	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.01	2	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-AS						Weight: 26 lb	FT = 25%

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.1	TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	2x4 SP No.1	BOT CHORD	Rigid ceiling directly applied.
WEBS	2x4 SP No.2		

REACTIONS.	(size) 6=Mechanical, 2=0-3-0
	Max Horz 2=90(LC 8)
	Max Uplift 6=-114(LC 8), 2=-126(LC 8)
	Max Grav 6=276(LC 1), 2=326(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD	3-6=-185/289

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) -0-11-0 to 3-5-13, Interior(1) 3-5-13 to 6-11-8 zone; porch left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) Refer to girder(s) for truss to truss connections.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=114, 2=126.
 - 6) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and 1/2" gypsum sheetrock be applied directly to the bottom chord.



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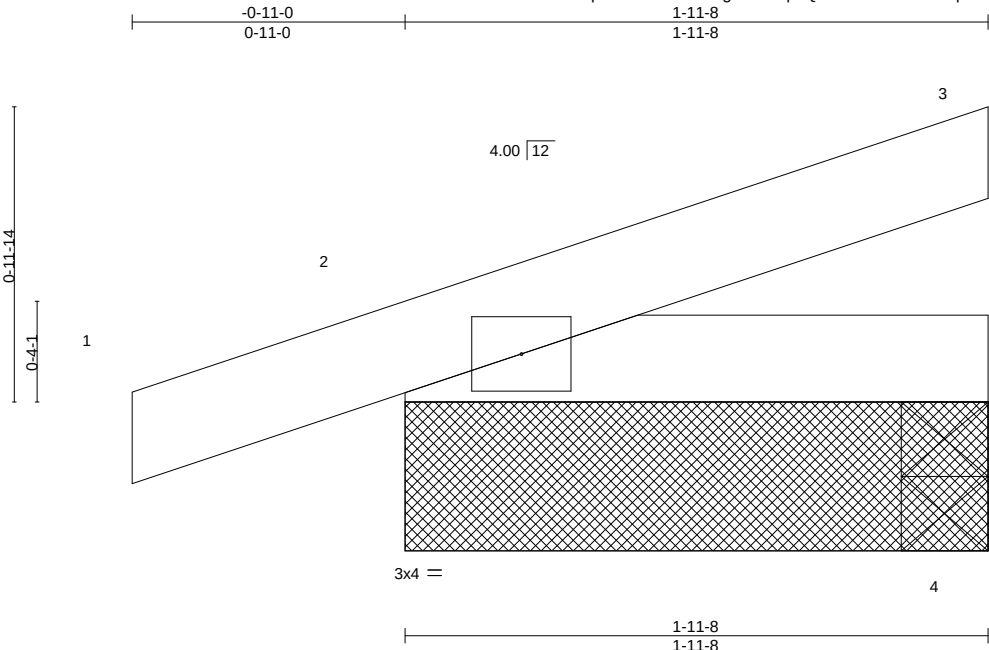
Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	174879357
J0325-1593	M04GE	MONOPITCH	1	1	Job Reference (optional)	

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Fayetteville, NC - 28314,

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:30 2025 Page 1

ID:zplXSSaBurhfCwFgB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f



Scale = 1:7.7

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.04	Vert(LL)	-0.00	2	>999	360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.03	Vert(CT)	-0.00	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 IRC2021/TPI2014		Matrix-P	Wind(LL)	0.00	2	****	240	Weight: 8 lb	FT = 25%

LUMBER-		BRACING-
TOP CHORD 2x4 SP No.1		TOP CHORD Structural wood sheathing directly applied or 1-11-8 oc purlins.
BOT CHORD 2x4 SP No.1		BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 1-11-8 except (jt=length) 4=0-3-8, 4=0-3-8.

(lb) - Max Horz 2=49(LC 8)

Max Uplift All uplift 100 lb or less at joint(s) 3, 2

Max Grav All reactions 250 lb or less at joint(s) 3, 2, 4, 4

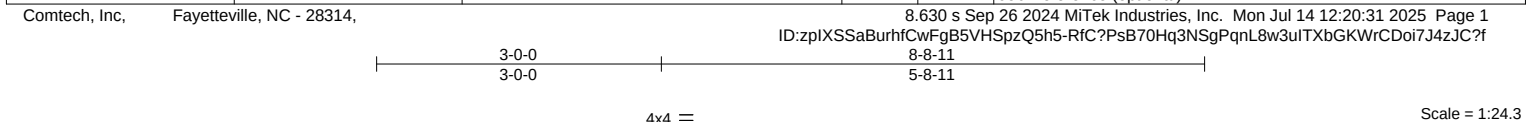
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 3) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



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Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	V1	VALLEY	1	1		I74879358
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						ID:zplXSSaBurhfCwFgB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f
						Job Reference (optional)



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.07	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.06	Horz(CT)	0.00	4	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-P						Weight: 36 lb	FT = 25%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.2	
OTHERS 2x4 SP No.2	

REACTIONS. All bearings 8-8-2.
(lb) - Max Horz 7=-82(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 7, 4 except 5=-109(LC 13)
Max Grav All reactions 250 lb or less at joint(s) 7, 4 except 6=255(LC 1), 5=351(LC 20)

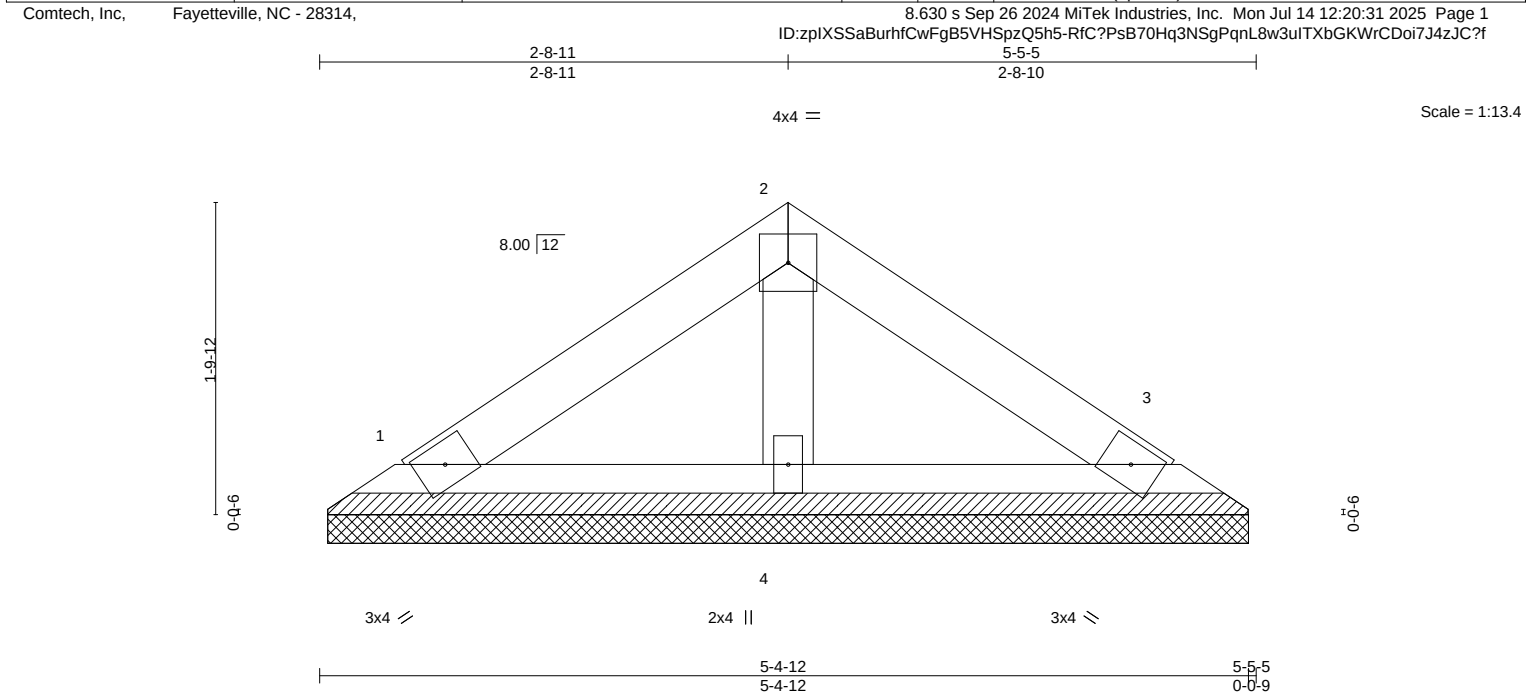
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-5=-299/314

- NOTES-**
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) 0-3-4 to 3-0-0, Exterior(2R) 3-0-0 to 7-4-13, Interior(1) 7-4-13 to 8-2-12 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 4 except (jt=lb) 5=109.
6) Non Standard bearing condition. Review required.



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Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	V2	VALLEY	1	1	174879359



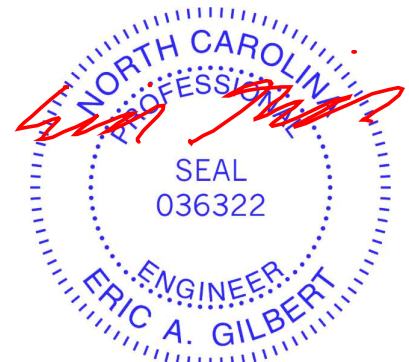
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.08	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.04	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-P						Weight: 18 lb	FT = 25%

LUMBER-			BRACING-		
TOP CHORD	2x4 SP No.1		TOP CHORD	Structural wood sheathing directly applied or 5-5-5 oc purlins.	
BOT CHORD	2x4 SP No.1		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.	
OTHERS	2x4 SP No.2				

REACTIONS.	(size)	1=5-4-3, 3=5-4-3, 4=5-4-3
	Max Horz	1=-36(LC 8)
	Max Uplift	1=-15(LC 12), 3=-19(LC 13)
	Max Grav	1=97(LC 1), 3=97(LC 1), 4=163(LC 1)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
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- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



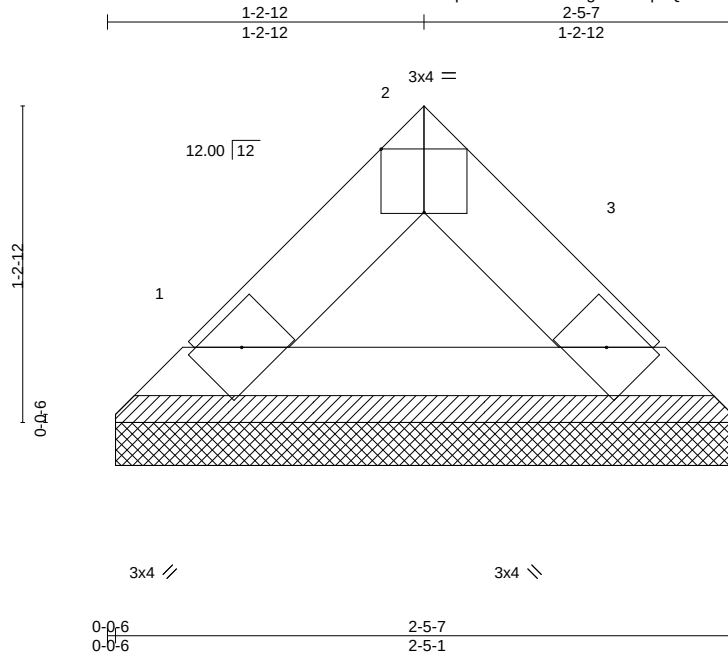
July 14,2025

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	VB1	Valley	1	1	74879360
Job Reference (optional)					

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Scale = 1:8.9

Plate Offsets (X,Y)--		[2:0-2-0,Edge]	
LOADING (psf)		SPACING-	
TCLL	20.0	2-0-0	
TCDL	10.0	Plate Grip DOL	1.15
BCLL	0.0 *	Lumber DOL	1.15
BCDL	10.0	Rep Stress Incr	YES
		Code	IRC2021/TPI2014
		CSI.	
		TC	0.03
		BC	0.02
		WB	0.00
		Matrix-P	
		DEFL.	
		in (loc)	l/defl
		Vert(LL)	n/a
		Vert(CT)	n/a
		Horz(CT)	0.00
		L/d	999
			999
			n/a
			n/a
		PLATES	
		GRIP	
		MT20	
		244/190	
		Weight: 7 lb	
		FT = 25%	

LUMBER-

TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1

BRACING-

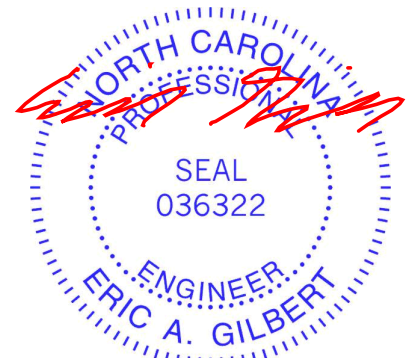
TOP CHORD Structural wood sheathing directly applied or 2-5-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=2-4-11, 3=2-4-11
Max Horz 1=-21(LC 8)
Max Uplift 1=-2(LC 12), 3=-2(LC 12)
Max Grav 1=70(LC 1), 3=70(LC 1)

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

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Gable requires continuous bottom chord bearing.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



July 14,2025

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacompnents.com)

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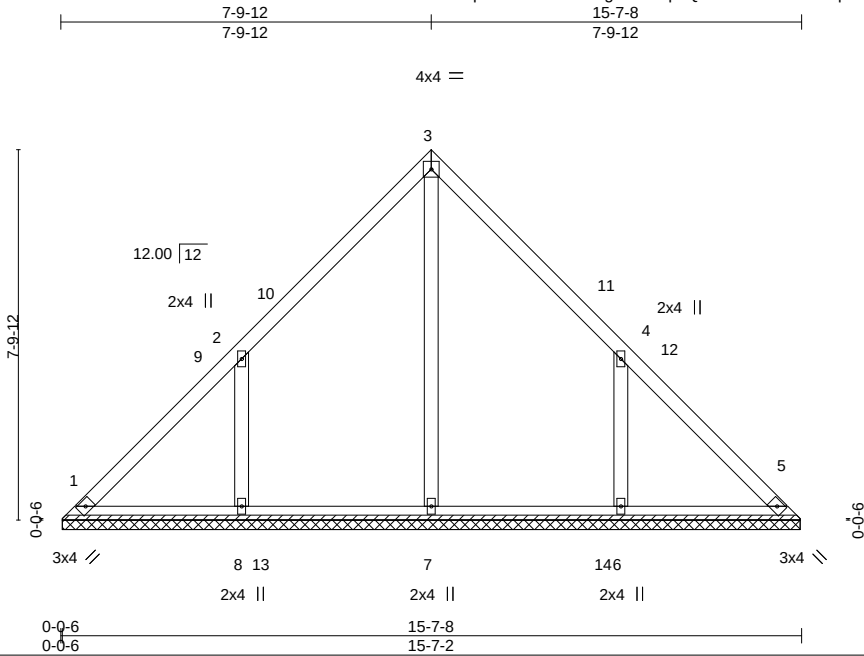
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	VC1	Valley	1	1	174879361

Comtech, Inc, Fayetteville, NC - 28314,

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:32 2025 Page 1

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Scale = 1:48.6

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.15	Vert(LL)	n/a	-	n/a	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.17	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.13	Horz(CT)	0.00	5	n/a		
BCDL 10.0	Code IRC2021/TPI2014	Matrix-S					Weight: 75 lb	FT = 25%

LUMBER-		BRACING-	
TOP CHORD	2x4 SP No.1	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	2x4 SP No.1	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS	2x4 SP No.2		

REACTIONS. All bearings 15-6-12.

(lb) - Max Horz 1=-179(LC 8)

Max Uplift All uplift 100 lb or less at joint(s) 1 except 8=-187(LC 12), 6=-187(LC 13)

Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=408(LC 22), 8=514(LC 19), 6=513(LC 20)

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

WEBS 2-8=-317/346, 4-6=-317/346

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) 0-4-4 to 4-9-0, Interior(1) 4-9-0 to 7-9-12, Exterior(2R) 7-9-12 to 12-2-9, Interior(1) 12-2-9 to 15-3-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=187, 6=187.



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WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

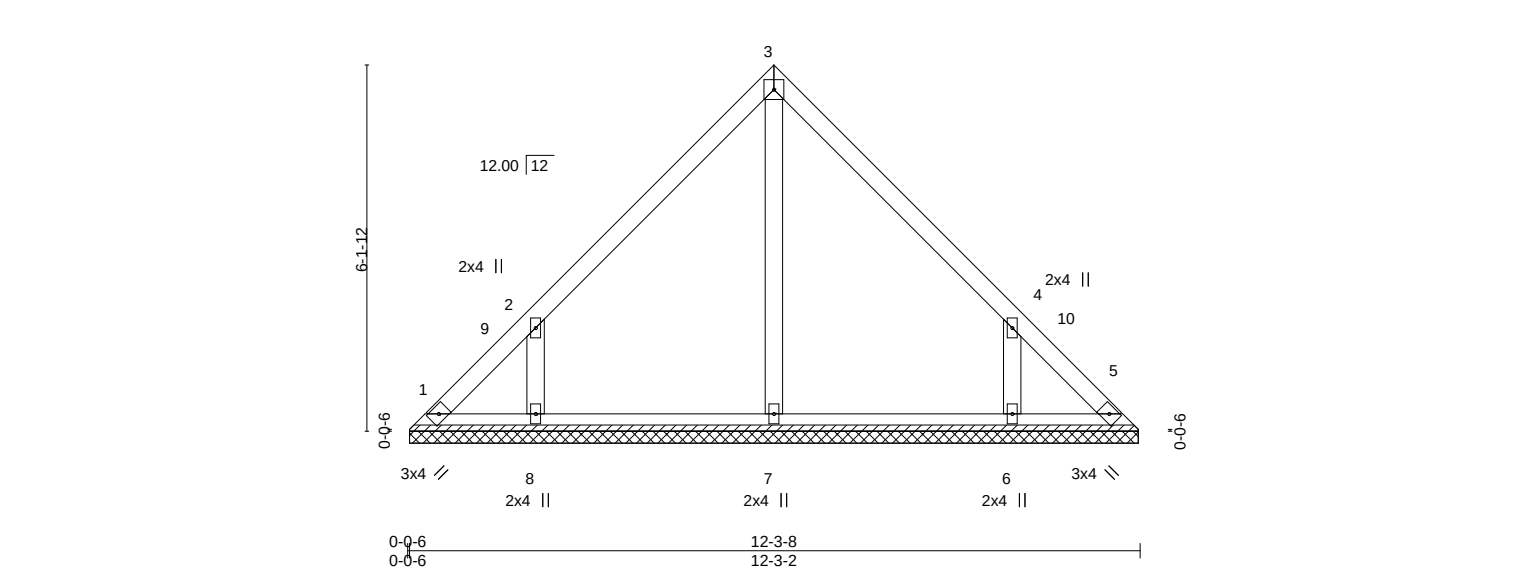
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacomponents.com)

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818 Soundside Road
 Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	174879362
J0325-1593	VC2	Valley	1	1	Job Reference (optional)	

Comtech, Inc,	Fayetteville, NC - 28314,	8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:33 2025 Page 1
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		12-3-8
		6-1-12
		4x4 =
		Scale = 1:38.7



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.09	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.08	Horz(CT)	0.00	5	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-S						Weight: 56 lb	FT = 25%

LUMBER-			BRACING-	
TOP CHORD	2x4 SP No.1		TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD	2x4 SP No.1		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS	2x4 SP No.2			

REACTIONS.	All bearings 12-2-12.
(lb) - Max Horz	1=-139(LC 8)
Max Uplift	All uplift 100 lb or less at joint(s) 1, 5 except 8=-160(LC 12), 6=-160(LC 13)
Max Grav	All reactions 250 lb or less at joint(s) 1, 5, 7 except 8=339(LC 19), 6=339(LC 20)

FORCES.	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS	2-8=-297/386, 4-6=-297/386

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) 0-4-4 to 4-9-0, Interior(1) 4-9-0 to 6-1-12, Exterior(2R) 6-1-12 to 10-6-9, Interior(1) 10-6-9 to 11-11-5 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5 except (jt=lb) 8=160, 6=160.



July 14,2025

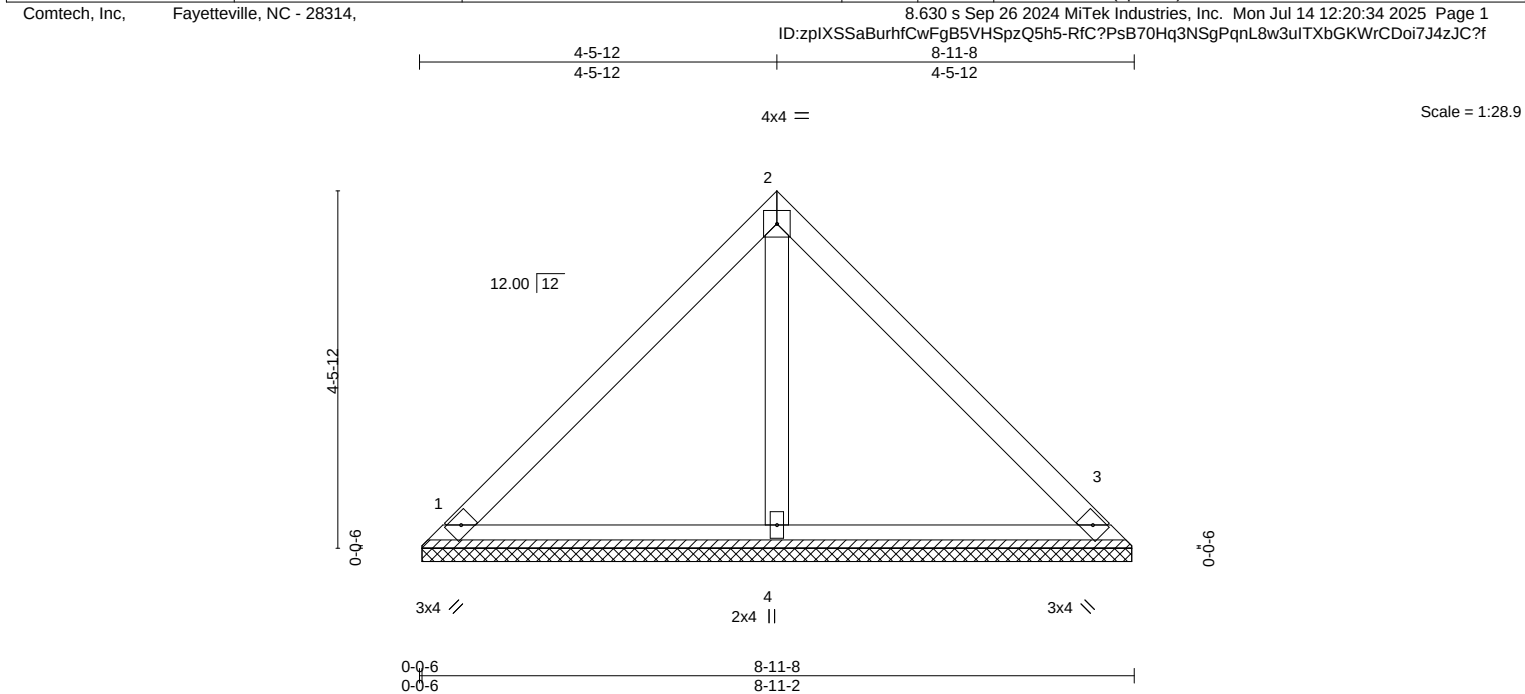
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacompnents.com)



818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing	
J0325-1593	VC3	Valley	1	1		I74879363
Comtech, Inc., Fayetteville, NC - 28314,						8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:34 2025 Page 1
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						Job Reference (optional)



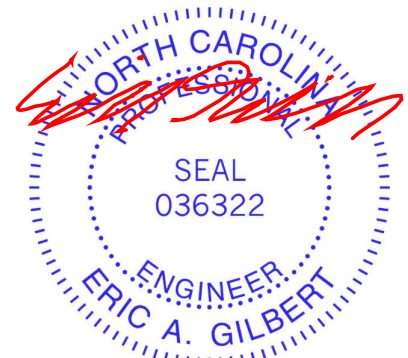
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.40	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.13	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.05	Horz(CT)	0.00	3	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-P						Weight: 36 lb	FT = 25%

LUMBER-	BRACING-
TOP CHORD 2x4 SP No.1	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 SP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SP No.2	

REACTIONS.	(size)	1=8-10-12, 3=8-10-12, 4=8-10-12
Max Horz	1=-99(LC 8)	
Max Uplift	1=-36(LC 13), 3=-36(LC 13)	
Max Grav	1=201(LC 1), 3=201(LC 1), 4=258(LC 1)	

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

- NOTES-**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - Gable requires continuous bottom chord bearing.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



July 14,2025

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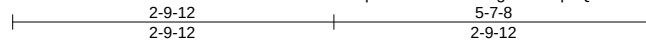
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	VC4	Valley	1	1	I74879364

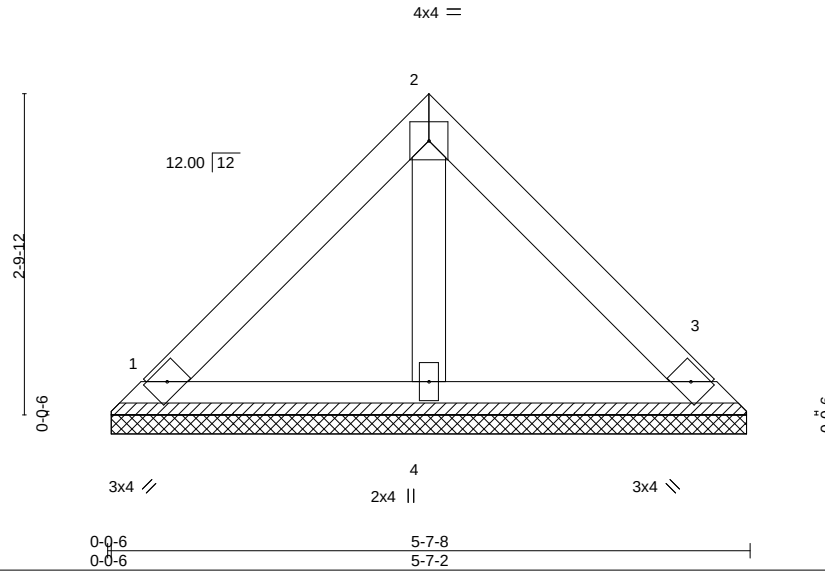
Comtech, Inc., Fayetteville, NC - 28314,

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:34 2025 Page 1

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Scale = 1:20.2



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.17	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.05	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.01	Horz(CT)	0.00	3	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-P						Weight: 22 lb	FT = 25%

LUMBER-

TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.2

BRACING-

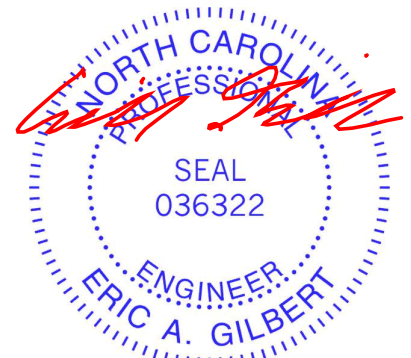
TOP CHORD Structural wood sheathing directly applied or 5-7-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=5-6-12, 3=5-6-12, 4=5-6-12
Max Horz 1=59(LC 9)
Max Uplift 1=-21(LC 13), 3=-21(LC 13)
Max Grav 1=120(LC 1), 3=120(LC 1), 4=154(LC 1)

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

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Gable requires continuous bottom chord bearing.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.



July 14,2025

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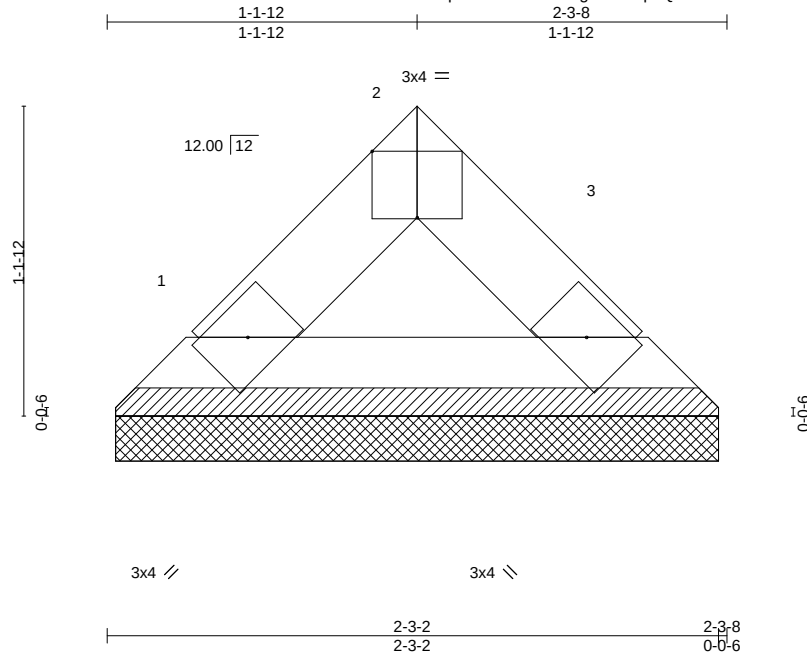
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	VC5	Valley	1	1	74879365
Job Reference (optional)					

Comtech, Inc., Fayetteville, NC - 28314,

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:35 2025 Page 1

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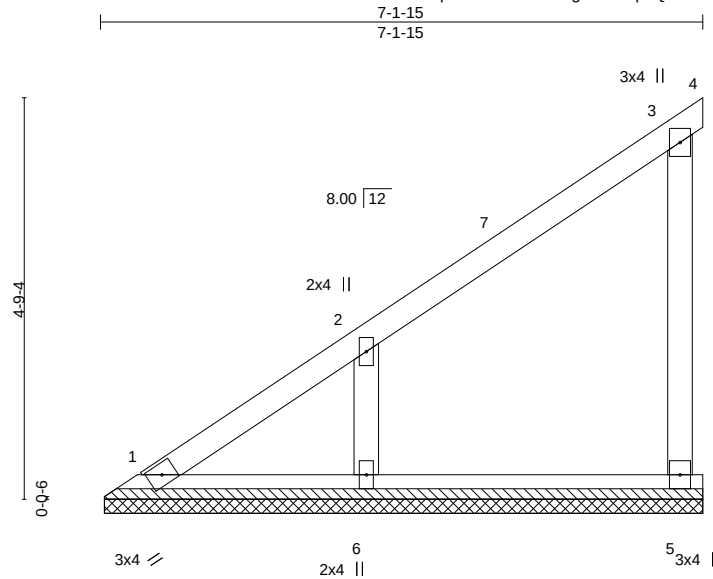
Plate Offsets (X,Y)--		[2:0-2-0,Edge]											
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d				PLATES		GRIP	
TCLL	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	244/190	
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999			
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a			
BCDL	10.0	Code IRC2021/TPI2014		Matrix-P								Weight: 7 lb	FT = 25%

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	VG1	Valley	1	1	
Comtech, Inc., Fayetteville, NC - 28314,					Job Reference (optional)

I74879366

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:35 2025 Page 1

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Scale = 1:27.4

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.08	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.05	Horz(CT)	-0.00	4	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-P						Weight: 31 lb	FT = 25%

LUMBER-
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.2
OTHERS 2x4 SP No.2

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

REACTIONS. All bearings 7-1-6.
(lb) - Max Horz 1=145(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 6 except 4=-160(LC 19), 5=-137(LC 12)
Max Grav All reactions 250 lb or less at joint(s) 1, 4 except 5=322(LC 19), 6=330(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-261/151, 3-5=-292/279
WEBS 2-6=-248/268

- NOTES-**
- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) 0-5-15 to 4-10-12, Interior(1) 4-10-12 to 7-1-15 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) Gable requires continuous bottom chord bearing.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 5) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 4=160, 5=137.



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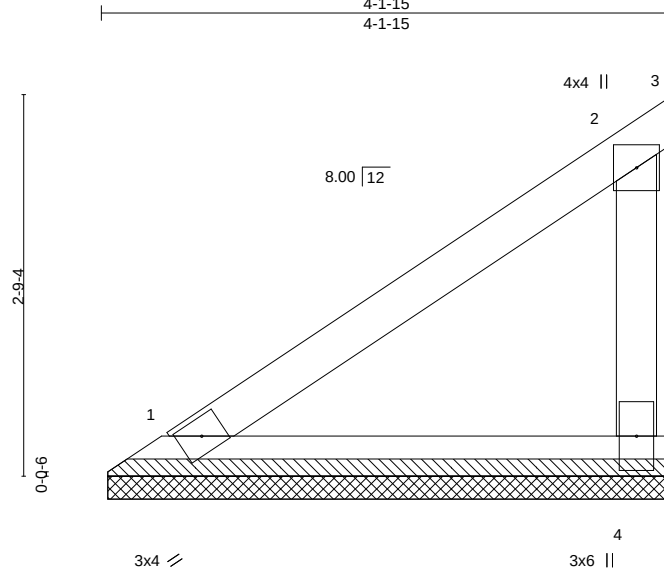
818 Soundside Road
Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Lot 119 Ducks Landing
J0325-1593	VG2	Valley	1	1	74879367
Job Reference (optional)					

Comtech, Inc, Fayetteville, NC - 28314,

8.630 s Sep 26 2024 MiTek Industries, Inc. Mon Jul 14 12:20:36 2025 Page 1

ID:zplXSSaBurhfCwFgB5VHSpzQ5h5-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f



Scale = 1:16.7

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL	1.15	TC 0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.10	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL 10.0	Code IRC2021/TPI2014		Matrix-P						Weight: 16 lb	FT = 25%

LUMBER-

TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-1-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=4-1-6, 3=4-1-6, 4=4-1-6
Max Horz 1=80(LC 12)
Max Uplift 3=-242(LC 19), 4=-188(LC 12)
Max Grav 1=118(LC 1), 3=129(LC 12), 4=425(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-397/506

NOTES-

- 1) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2E) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Gable requires continuous bottom chord bearing.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 5) Bearing at joint(s) 3 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 3=242, 4=188.



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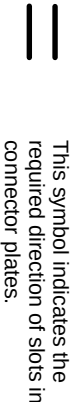
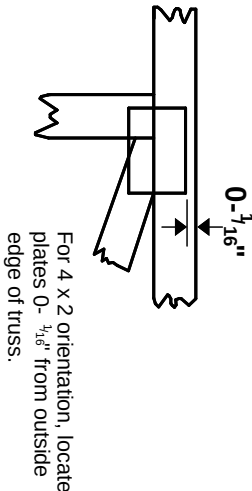
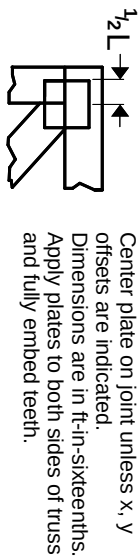
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacompnents.com)

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Symbols

PLATE LOCATION AND ORIENTATION



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

PLATE SIZE

4 X 4

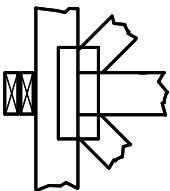
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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.

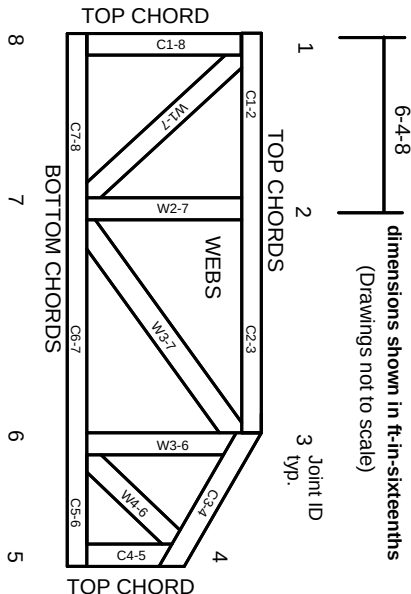
BEARING



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/TPI 1: 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.

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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.

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MITek Engineering Reference Sheet: MII-7473 rev. 1/2/2023