

соттесн

ROOF & FLOOR TRUSSES & BEAMS

Reilly Road Industrial Park Fayetteville, N.C. 28309 Phone: (910) 864-8787 Fax: (910) 864-4444

Bearing seasitions from hims or aspect to Dilletti are detented to complete with the prescription Custo resourcements. The contractor shall refer to the expotenced failed is deferred from the prescription. Collect requirements in to ordering the uniformum handlades to contract the prescription of the contract prescription grower than 2000 fail and only asked than 1 stollage. A significant than 2000 fail and only asked than the contract of the contrac

Bob Lewis

Bob Lewis

LOAD CHART FOR JACK STUDS

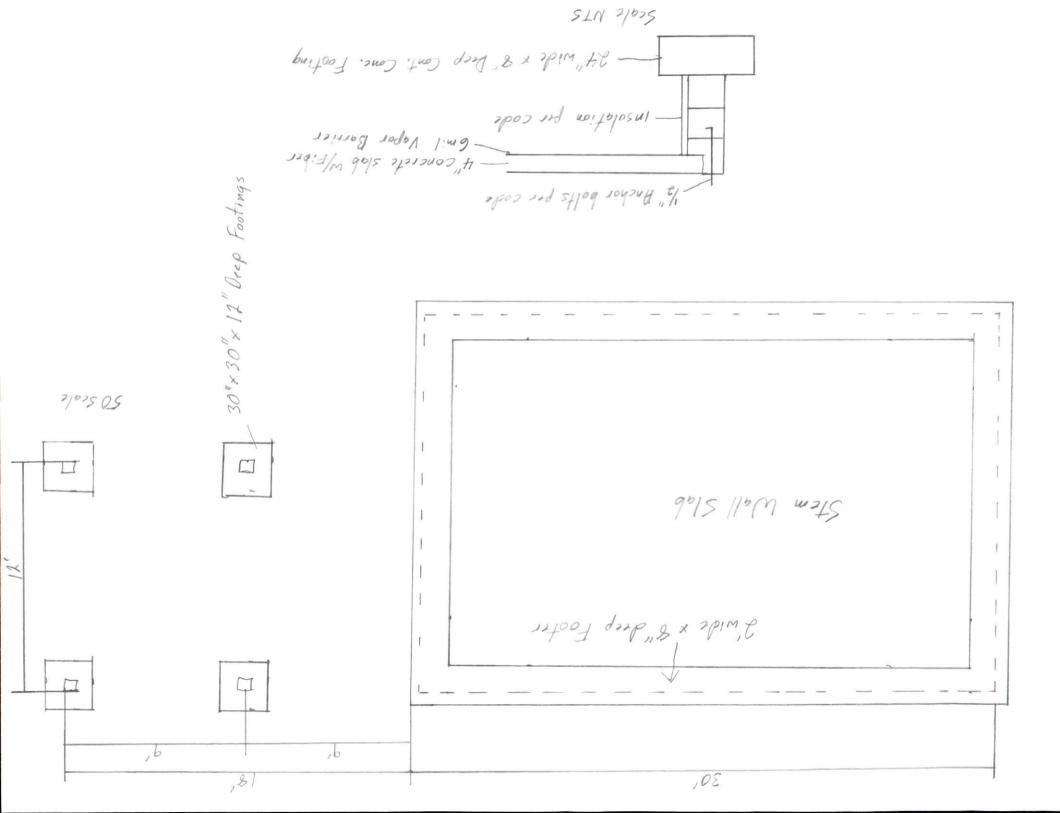
| Temple | T

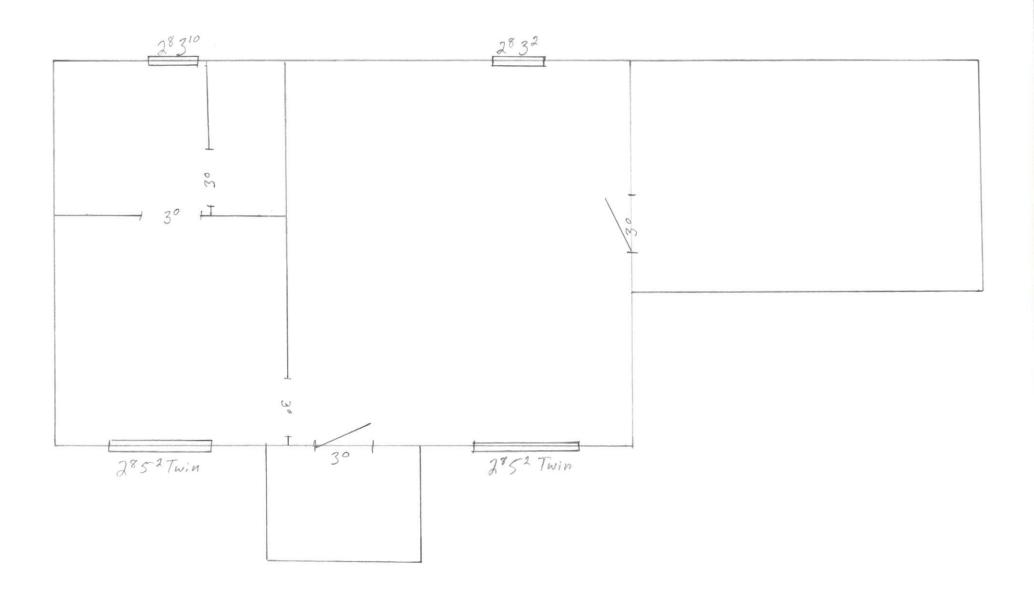
IARNETT CO			
WRENCE RD ADDRESS	00/	CITY / CO. BROADWAY / HARNETT	1900 3600 5300
	ESS	1169 LAWRENCE RD	7 8 9
RAWN PLAN MODEL	13	ROOF	
DATE REV. 05/28/19	REV.	05/28/19	
DRAWN BY	VN BY	DRAWN BY Bob Lewis	
500 SALES REP. Bob Lewis	S REP.	Bob Lewis	

These to a second of the specific of the speci

SEAL DATE

JOB NAME





50 scale



Trenco

818 Soundside Rd Edenton, NC 27932

Re: J0519-2500

1169 LAWRENCE RD

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: E13098798 thru E13098802

My license renewal date for the state of North Carolina is December 31, 2019.

North Carolina COA: C-0844



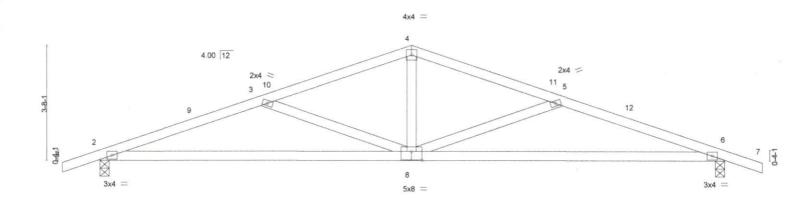
May 29,2019

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	1169 LAWRENCE RD	
J0519-2500	Δ1	Common	10	1		E13098798
30519-2500	A1	Common	10	,	Job Reference (optional)	
Comtech, Inc.,	Fayetteville, NC 28309				11 2018 MiTek Industries, Inc. Tue May 28 14	
			ID:lKljul4F5cFl	1wBaXe2	5Tzq7?H-1qAAtl1?Hp919AdxKmH_Q9NsX0rrD	MyZvH1VsWzBxyN
-1-2-8	5-4-11	10-0-0	14	1-7-5	20-0-0	21-2-8
1-2-8	5-4-11	4-7-5	4	-7-5	5-4-11	1-2-8

Scale = 1:35.9



	-		10-0-0			+				20-0-0 10-0-0		
Plate Offse	ets (X,Y)	[8:0-4-0,0-3-4]										
LOADING	(psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.27	Vert(LL)	-0.19	2-8	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.80	Vert(CT)	-0.40	2-8	>594	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.05	6	n/a	n/a		
BCDL	10.0	Code IRC2015/TR	PI2014	Matri	x-S	Wind(LL)	0.05	8	>999	240	Weight: 84 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

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

2x4 SP No.3

REACTIONS. (lb/size) 6=870/0-3-8, 2=870/0-3-8

Max Horz 2=-45(LC 17)

Max Uplift 6=-112(LC 9), 2=-112(LC 8)

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

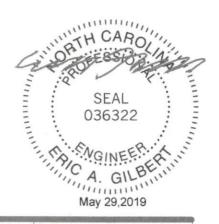
TOP CHORD 2-3=-1779/477, 3-4=-1330/297, 4-5=-1330/297, 5-6=-1779/477

BOT CHORD 2-8=-385/1648, 6-8=-398/1648

WEBS 4-8=-31/578, 5-8=-483/269, 3-8=-483/269

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; 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(2) -1-2-8 to 3-2-5, Interior(1) 3-2-5 to 10-0-0, Exterior(2) 10-0-0 to 14-4-13 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 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=112, 2=112,



Structural wood sheathing directly applied or 4-4-7 oc purlins.

Rigid ceiling directly applied or 9-8-11 oc bracing.

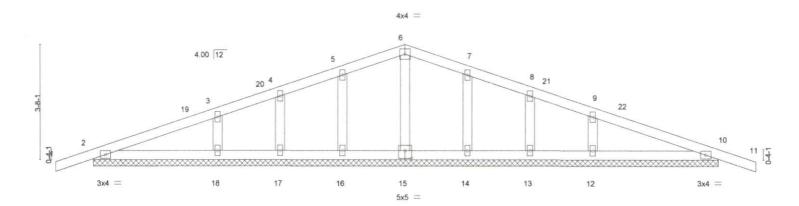
MARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7413 rev. 10/03/2015 BEFORE USE.



Job	Truss	Truss Type	Qty	Ply	1169 LAWRENCE RD	E42000700
J0519-2500	A1GE	Common Supported Gable	2	1		E13098799
	5.000 X X X X X X X X X X X X X X X X X X	1900 (100 (100 (100 (100 (100 (100 (100			Job Reference (optional)	
Comtech, Inc., Fayett	eville, NC 28309		8	130 s Mar	11 2018 MiTek Industries, Inc. Tue May 28 14:11:35 2	019 Page 1
		II II	D:IKIjuI4F5cFI	1wBaXe25	5Tzq7?H-V0kY4e1d27HunJC7uTpDzMw4qPMCys1i8xr	m2OvzBxvM

Scale = 1:35.9

21-2-8



						20-0-0						
Plate Offse	ets (X,Y)	[15:0-2-8,0-3-0]										
LOADING	(psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	0.00	11	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	0.01	11	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	10	n/a	n/a		
BCDL	10.0	Code IRC2015/TR	PI2014	Matri	x-S						Weight: 86 lb	FT = 20%

20-0-0

LUMBER-

1-2-8

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 OTHERS 2x4 SP No.3 BRACING-

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

20-0-0

REACTIONS. All bearings 20-0-0.

(lb) - Max Horz 2=-76(LC 13)

Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 17, 14, 13 except 18=-103(LC 12), 12=-102(LC 13),

10=-107(LC 9)

Max Grav All reactions 250 lb or less at joint(s) 2, 15, 16, 17, 14, 13, 10 except 18=303(LC 23), 12=303(LC 24)

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.
- 2) Wind: ASCE 7-10; 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(3) -1-2-8 to 3-2-5, Exterior(2) 3-2-5 to 10-0-0, Corner(3) 10-0-0 to 14-4-13 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.

10-0-0

- 8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 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, 16, 17, 14, 13 except (jt=lb) 18=103, 12=102, 10=107.



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE U.S.

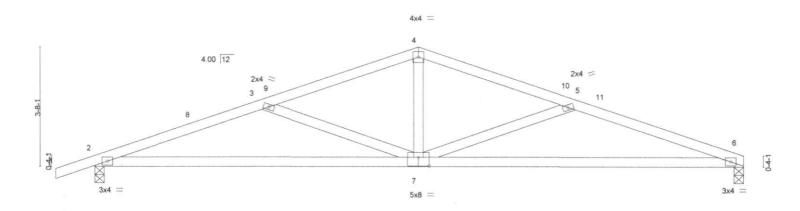
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and or properly incorporate this design into the overall 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

ANSITP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information. available from Truss Plate Institute, 218 N. Lee Street, Subte 312. Alexandria. VA 22314.



E13098800
nc. Tue May 28 14:11:36 2019 Page 1
JSBKSVaSBvpX7hGJsNbWbxOzBxyL
20-0-0
5-4-11

Scale = 1:34.6



	-		10-0-0							20-0-0	THE RESIDENCE AND ADDRESS OF THE PARTY OF THE PARTY OF THE PARTY.	
Plate Offse	ets (X,Y)	[7:0-4-0,0-3-4]										
LOADING	(psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
CLL	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	-0.19	6-7	>999	360	MT20	244/190
CDL	10.0	Lumber DOL	1.15	BC	0.81	Vert(CT)	-0.42	6-7	>565	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.05	6	n/a	n/a		
BCDL	10.0	Code IRC2015/TF	PI2014	Matri	x-S	Wind(LL)	0.06	6-7	>999	240	Weight: 82 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.3 WEBS

REACTIONS. (lb/size) 6=786/0-3-8, 2=872/0-3-8

Max Horz 2=50(LC 16)

Max Uplift 6=-62(LC 9), 2=-113(LC 8)

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

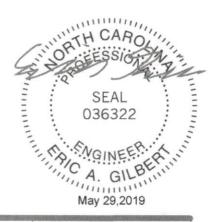
TOP CHORD 2-3=-1788/501, 3-4=-1339/309, 4-5=-1340/322, 5-6=-1803/517

BOT CHORD 2-7=-431/1657, 6-7=-435/1673

WEBS 4-7=-52/581, 5-7=-500/279, 3-7=-483/270

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; 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(2) -1-2-8 to 3-2-5, Interior(1) 3-2-5 to 10-0-0, Exterior(2) 10-0-0 to 14-4-13 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 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 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) 6 except (jt=lb) 2=113



Structural wood sheathing directly applied or 4-2-9 oc purlins.

Rigid ceiling directly applied or 9-3-11 oc bracing.

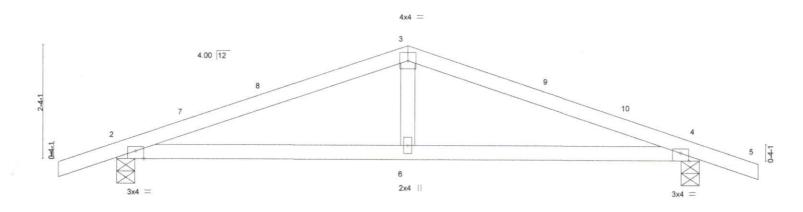
MARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7413 rev. 10/03/2016 BEFORE USE. Design valid for use only with MITeX® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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 buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent occlapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see

SAFEY Information available from Truss Plate Institute, 218 N. Lee Street, Sube 312, Alexandria, VA 22314.



Job	Truss	Truss Type	Qty	Ply	1169 LAWRENCE RD	
J0519-2500	B1	Common	9	1		E13098801
					Job Reference (optional)	
Comtech, Inc., Fa	yetteville, NC 28309				11 2018 MiTek Industries, Inc. Tue May	
			ID:IKljul4F5cf	II1wBaXe2	25Tzq7?H-RPslVK3tZkXb0dMW0urh2n?N	MYD_NQls0cFF9TqzBxyK
-1-2-8		6-0-0			12-0-0	13-2-8
1-2-8		6-0-0	1		6-0-0	1-2-8

Scale = 1:23.1



			6-0-0							6-0-0		
Plate Offse	ets (X,Y)	[2:0-2-0,Edge], [4:0-2-0,E	dge]	_								
LOADING TCLL TCDL BCLL	20.0 10.0 0.0 *	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 YES	CSI. TC BC WB	0.35 0.29 0.11	Vert(LL) Vert(CT) Horz(CT)	0.08 -0.07 0.01	(loc) 4-6 2-6 4	l/defl >999 >999 n/a	L/d 240 240 n/a	PLATES MT20	GRIP 244/190
BCDL	10.0	Code IRC2015/TF	PI2014	Matrix	-S						Weight: 43 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

12-0-0

Structural wood sheathing directly applied or 6-0-0 oc purlins.

Rigid ceiling directly applied or 6-10-11 oc bracing.

LUMBER-

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

WEBS 2x4 SP No.3

REACTIONS. (lb/size) 2=549/0-4-8, 4=549/0-4-8

Max Horz 2=-29(LC 17)

Max Uplift 2=-219(LC 8), 4=-219(LC 9)

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

TOP CHORD 2-3=-830/899, 3-4=-830/899 BOT CHORD 2-6=-764/730, 4-6=-764/730

WEBS 2-6=-764/730, 4-6=-764/730 WEBS 3-6=-350/277

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; 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(2) -1-2-8 to 3-2-5, Interior(1) 3-2-5 to 6-0-0, Exterior(2) 6-0-0 to 10-4-13 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) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

6-0-0

- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=219, 4=219.





818 Soundside Road Edenton, NC 27932

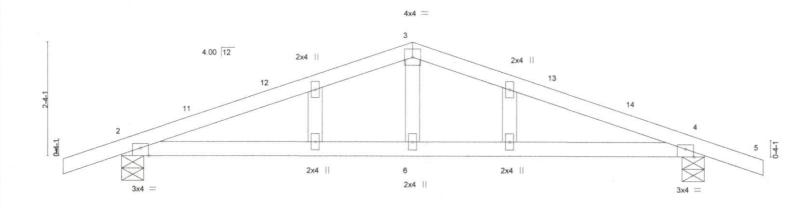
Job	Truss	Truss Type	Qty	Ply	1169 LAWRENCE RD	
J0519-2500	B1GE	GABLE	4		E13098802	ı
30519-2500	BIGE	GABLE	1	'	Job Reference (optional)	
Comtech, Inc., Fayette	ville, NC 28309		8.	130 s Mar	11 2018 MiTek Industries, Inc. Tue May 28 14:11:39 2019 Page 1	ï
			D:IKIjul4F	cFII1wBa	ke25Tzq7?H-Nnz3w0575MnJGxWu7Jt97C4i81gwufNl3ZkGXjzBxyl	
1.2.0		8 0 0			42.00	

6-0-0

Structural wood sheathing directly applied or 6-0-0 oc purlins.

Rigid ceiling directly applied or 6-11-8 oc bracing.

Scale = 1:23.1



	-		6-0-0							12-0-0 6-0-0		
Plate Offse	ets (X,Y)	[2:0-2-0,Edge], [4:0-2-0,E	THE RESERVE AND ADDRESS OF THE PARTY OF THE	_								
LOADING TCLL TCDL BCLL	(psf) 20.0 10.0 0.0 *	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 YES	CSI. TC BC WB	0.34 0.29 0.10	DEFL. Vert(LL) Vert(CT) Horz(CT)	in 0.08 -0.06 0.01	(loc) 4-6 2-6	l/defl >999 >999 n/a	L/d 240 240 n/a	PLATES MT20	GRIP 244/190
BCDL	10.0	Code IRC2015/TF		Matri		11012(01)	0.01	7	11/4	100	Weight: 47 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x4 SP No.1 **BOT CHORD** 2x4 SP No.1 2x4 SP No.3 WEBS

1-2-8

OTHERS 2x4 SP No.3

REACTIONS. (lb/size) 2=548/0-5-8, 4=548/0-5-8

Max Horz 2=-49(LC 13)

Max Uplift 2=-312(LC 8), 4=-312(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-817/885, 3-4=-817/885

BOT CHORD 2-6=-750/717, 4-6=-750/717

3-6=-346/275 WEBS

NOTES-

1) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; 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(2) -1-2-8 to 3-2-5, Interior(1) 3-2-5 to 6-0-0, Exterior(2) 6-0-0 to 10-4-13 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) 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.

6-0-0

- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 6-0-0 between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=312, 4=312



MARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7413 rev. 10/03/2015 BEFORE USE.

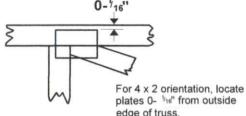


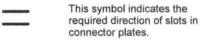
Symbols

PLATE LOCATION AND ORIENTATION



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





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

PLATE SIZE

4 x 4

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

LATERAL BRACING LOCATION



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

BEARING



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

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.

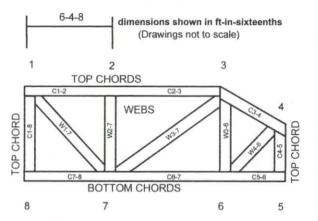
DSB-89: Design Standard for Bracing.

BCSI:

Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate

Connected Wood Trusses.

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

© 2012 MiTek® All Rights Reserved





MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

- 1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
- 2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
- 3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
- 4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
- 5. Cut members to bear tightly against each other.
- 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
- 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.

DATE 05/28/19 PAGE 1

Reaction Summary of Order

ROOF & FLOOR ComTech TRUSSES & BEAMS Reilly Road Industrial Park P.O. Box 40408 Fayetteville, N.C. 28309 (910) 864-TRUS Cary Office: (919) 816-0105

REQ. QUOTE DATE	11	ORDER#	J0519-2500
ORDER DATE	05/28/19	QUOTE #	
DELIVERY DATE	11	CUSTOMER ACCT #	0000006995
DATE OF INVOICE	11	CUSTOMER PO#	
ORDERED BY	Steve Thomas	INVOICE #	
COUNTY	HARNETT	TERMS	
SUPERINTENDANT	Steve Thomas	SALES REP	Bob Lewis
JOBSITE PHONE #	(919) 906-4069	SALES AREA	Bob Lewis

Thomas Properties of Harnett PO Box 875 Broadway, NC 27505

JOB NAME: 1169 LAWRENCE RD MODEL: ROOF

LOT# SUBDIV:

TAG: HANDDRAWN PLAN

JOB CATEGORY: Residential - Roof

(919) 258-9327/9064069

THOMAS PROP. OF 1169 LAWRENCE RD BROADWAY, NC

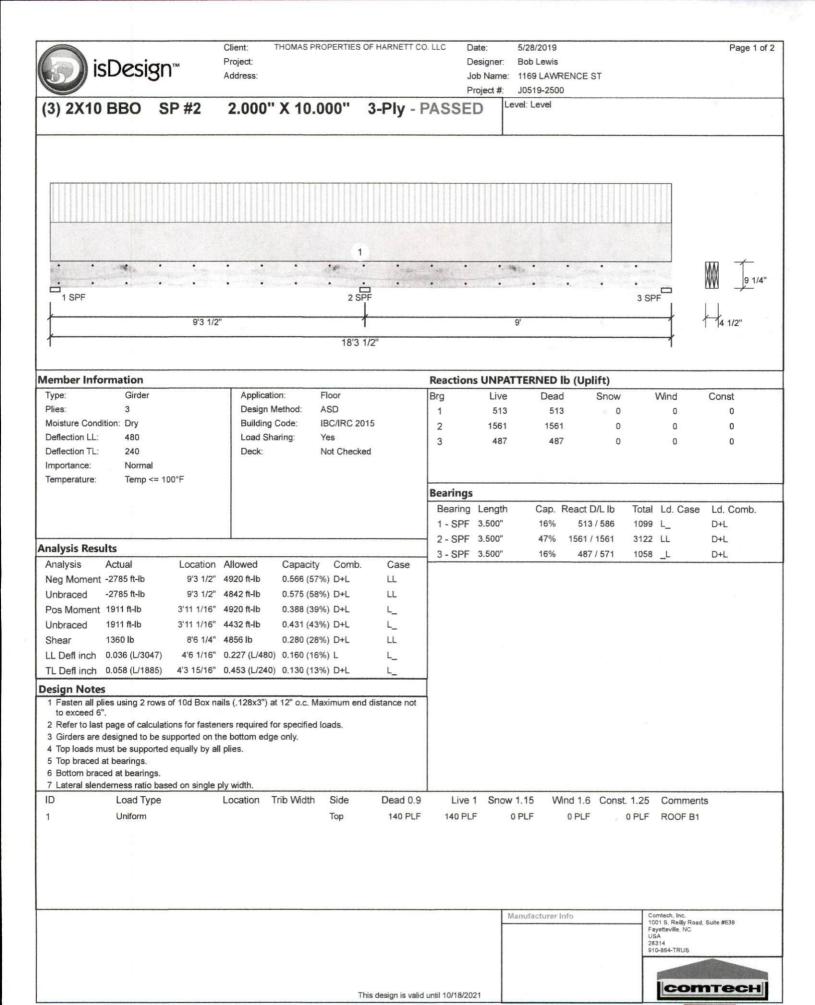
SPECIAL INSTRUCTIONS:

DELIVERY INSTRUCTIONS:

PLAN SEAL DATE: NONE
BY DATE

								-			DATE
BUILDING DEPARTMENT OVERHANG INFO			HEEL HEIGHT	00-04-05	REQ. LAYOUTS		REQ. ENGINEERING		QUOTE	BL	05/28/19
Roof Order	END CUT	RETURN							LAYOUT	BL	05/28/19
50.49 P. Ord A 500 CO. 0 Sept. 0	PLUMB	NO	GABLE STUDS	24 IN. OC	JOBSITE	1	JOBSITÉ	1	CUTTING	BL	05/28/19

ROOF TRUSSES LOADING INFORMATION			TCLL-TCDL-BCLL-BCDL STRESS INCR.			ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)								
			20.0,10.0,0.0,10.0 1.15					11000 01 FIGHT 12 110 111 0.0. (111 .)						
PROFILE	QTY PLY	PITCH TOP BOT		TYPE ID		LUMBER TOP BOT			RHANG	REACTIONS				
		4.00	0.00	COMMON A1	20-00-00			01-02-08		Joint 2 869.6 lbs. -112.3 lbs.	Joint 6 869.6 lbs. -112.3 lbs.			
married at the construction.	2	4.00	0.00	COMMON A1GE	20-00-00 20-00-00	2 X 4	2 X 4	01-02-08	01-02-08	Joint 2 219.6 lbs. -97.2 lbs.	Joint 10 219.6 lbs. -106.8 lbs.	Joint 12 303.5 lbs. -102.4 lbs.	Joint 13 98.1 lbs. -41.9 lbs.	Joint 14 184.5 lbs. -64.2 lbs.
, addit of the addition to the	4	4.00	0.00	COMMON A2	20-00-00 20-00-00	2 X 4	2 X 4	01-02-08		Joint 2 872.4 lbs. -112.6 lbs.	Joint 6 785.5 lbs. -61.5 lbs.			
Samuel Continues	9	4.00	0.00	COMMON B1	12-00-00 12-00-00	2 X 4	2 X 4	01-02-08	01-02-08	Joint 2 548.8 lbs. -219.1 lbs.	Joint 4 548.8 lbs. -219.1 lbs.			
"come heady down	1	4.00	0.00	GABLE B1GE	12-00-00 12-00-00	2 X 4	2 X 4	01-02-08	01-02-08	Joint 2 547.9 lbs. -312.2 lbs.	Joint 4 547.9 lbs. -312.2 lbs.			





Client: Project:

Address:

ent: THOMAS PROPERTIES OF HARNETT CO. LLC

LLC Date:

5/28/2019

Page 2 of 2

Designer: Bob Lewis

Job Name: 1169 LAWRENCE ST

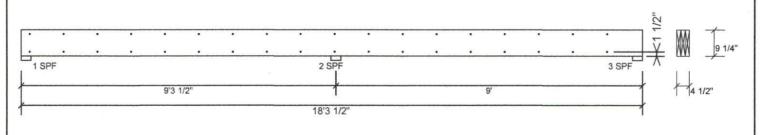
Project #: J0519-2500

(3) 2X10 BBO SP #2

2.000" X 10.000"

3-Ply - PASSED

Level: Level



Multi-Ply Analysis

Fasten all plies using 2 rows of 10d Box nails (.128x3") at 12" o.c.. Nail from both sides. Maximum end distance not to exceed 6"

Capacity	0.0 %	
Load	0.0 PLF	
Yield Limit per Foot	202.6 PLF	
Yield Limit per Fastener	101.3 lb.	
Yield Mode	IV	
Edge Distance	1 1/2"	
Min. End Distance	3"	
Load Combination		
Duration Factor	1.00	

Manufacturer Info

Comtech, Inc.
1001 S. Relily Road, Suite #639
Fayetraville, NC
USA
28314
910-884-TRUS