

Trenco 818 Soundside Rd Edenton, NC 27932

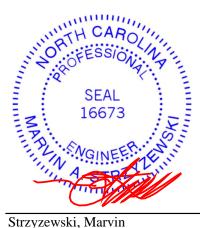
Re: J0521-2902 Weaver/Lot 4 C.P. Stewart Rd./Harnett

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: E15710187 thru E15710214

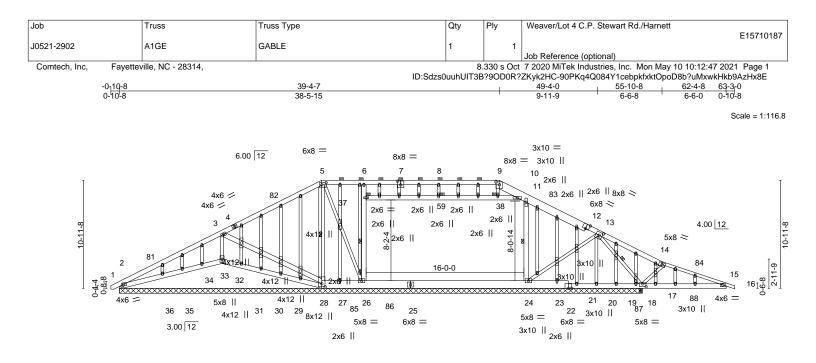
My license renewal date for the state of North Carolina is December 31, 2021.

North Carolina COA: C-0844



May 10,2021

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.



-0- <u>10</u> 0-10	8 20-6-0		53-8 32-	4-4	62-4-8 63-3-0 8-7-12 0-10-8				
Plate Offsets (X,Y)	[2:0-2-9,0-2-0], [5:0-5-4,0-2-12], [7:0-4-	0,0-4-8], [9:0-4-0,0-3-8], [12:0-4-0,Edge], [13:0-4-0),0-3-12], [17:0-4-0,0-3-8], [28:	:0-3-12,0-4-0]				
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.53 BC 0.52 WB 0.52 Matrix-S	Vert(LL) -0.17 Vert(CT) -0.22 Horz(CT) 0.01	n (loc) I/defl L/d 24-26 >999 360 24-26 >879 240 17 n/a n/a 2-36 >999 240	PLATES GRIP MT20 244/190 Weight: 667 lb FT = 20%				
9-12: BOT CHORD 2x6 S 25-28 WEBS 2x4 S 3-28,6 OTHERS 2x4 S REACTIONS. All b (lb) - Max I Max I	TOP CHORD2x6 SP No.1 *Except* 9-12: 2x10 SP No.1, 14-16: 2x4 SP No.1TOP CHORDStructural wood sheathing directly applied or 5-9-10 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 5-9.BOT CHORD2x6 SP No.1 *Except* 25-28,22-25: 2x10 SP No.1BOT CHORDRigid ceiling directly applied or 6-0-0 oc bracing.WEBS2x4 SP No.2 *Except* 3-28,6-26,11-24,10-37: 2x6 SP No.1BOT CHORDRigid ceiling directly applied or 6-0-0 oc bracing.OTHERS2x4 SP No.22x4 SP No.2I Row at midpt 3 CR26-37, 11-24, 5-28, 13-17 1 Brace at Jt(s): 37, 38, 59								
TOP CHORD 2-3= 13-1 BOT CHORD 2-36 31-3 26-2 19-2 WEBS 3-26 19-2 WEBS 3-26 11-2 NOTES- 1) Unbalanced roof liv 2) Wind: ASCE 7-10; MWFRS (envelope Exterior(2) 24-9-4 t members and force 3) Truss designed for Gable End Details 4) WARNING: This IG handling and erecti Trusses ("BCSI"), j qualified registered	Comp./Max. Ten All forces 250 (lb) o -411/233, 3-5=-734/455, 9-10=-846/630 4=-1002/1158, 14-15=-963/912, 5-6=-57 =-88/307, 35-36=-67/272, 34-35=-72/29 12=-71/288, 30-31=-72/287, 29-30=-72/2 7=-116/515, 24-26=-147/562, 23-24=-99 10=-99/368, 18-19=-99/368, 17-18=-99/3 =-104/298, 26-37=-684/392, 6-37=-621/ 44=-682/563, 13-17=-1670/1212, 14-17= re loads have been considered for this de Vult=130mph (3-second gust) Vasd=103) gable end zone and C-C Corner(3) -0-6 to 38-5-15, Corner(3) 38-5-15 to 42-10-12 is & MWFRS for reactions shown; Lumbwind loads in the plane of the truss only, as applicable, or consult qualified buildin ng span truss requires extreme care and on guidance, see Guide to Good Practic bintly produced by SBCA and TPI. The b design professional for the design and i al truss member restraint/bracing. MiTel	, 10-11=-712/547, 11-13= '9/520, 6-8=-678/564, 8-9 0, 33-34=-71/285, 32-33= 88, 28-29=-72/285, 27-28 V/368, 21-23=-112/368, 20 68, 15-17=-800/997 357, 13-24=-387/504, 3-3 -253/217 esign. mph; TCDL=6.0psf; BCD -10 to 3-8-3, Exterior(2) 5 2, Exterior(2) 42-10-12 to ar DCL=1.60 plate grip D0 For studs exposed to wi g designer as per ANSI/T 1 experience for proper ar e for Handling, Installing & uilding owner or the owner spection of the temporar	-603/376, =-683/563 -72/285, =-120/513,)-21=-99/368, 3=-970/546, 3=-970/546, 4-4-8 zone; cantilever ri DL=1.60 nd (normal to the face), s Pl 1. nd safe handling and ered & Bracing of Metal Plate (or's authorized agent sha y installation restraint/bra	ction. For general Connected Wood Il contract with a acing and the	SEAL 16673 May 10,2021				
Design valid for use or a truss system. Before building design. Braci is always required for s fabrication, storage, de	esign parameters and READ NOTES ON THIS AND ly with MITek® connectors. This design is based or use, the building designer must verify the applicabi g indicated is to prevent buckling of individual truss tability and to prevent collapse with possible person livery, erection and bracing of trusses and truss sys vailable from Truss Plate Institute, 2670 Crain High	ly upon parameters shown, and ity of design parameters and pro- web and/or chord members only all injury and property damage. tems, see ANSI/TP1 (is for an individual building com operly incorporate this design infl y. Additional temporary and per For general guidance regarding Quality Criteria, DSB-89 and E	iponent, not to the overall manent bracing j the	A MITek Attiliate B18 Soundside Road Edenton, NC 27932				

Job	Truss	Truss Type	Qty	Ply	Weaver/Lot 4 C.P. Stewart Rd./Harnett
					E15710187
J0521-2902	A1GE	GABLE	1	1	
					Job Reference (optional)
Comtech, Inc, Fayettev	ille, NC - 28314,		8.	330 s Oct	7 2020 MiTek Industries, Inc. Mon May 10 10:12:48 2021 Page 2

ID:Sdzs0uuhUIT3B?9OD0R?ZKyk2HC-dCzi1QRfvOguEnA?INSzQbMzzYxEdpB4zxT9hdzHx8D

NOTES-

5) Provide adequate drainage to prevent water ponding.

6) All plates are 2x4 MT20 unless otherwise indicated.

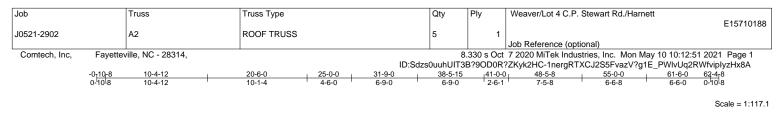
7) Gable studs spaced at 2-0-0 oc.

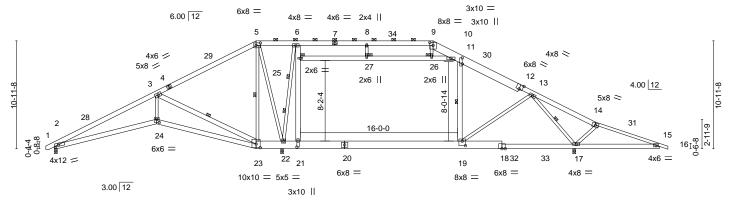
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

- 9) * This truss has been designed for a live load of 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.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 28, 26, 36, 35 except (jt=lb) 2=126, 33=451, 24=141, 17=993, 27=998, 23=882, 18=613.
- See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 13) Attic room checked for L/360 deflection.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 **ANS/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601







	10-4-12	20-6-0	23-1-12 25-0-0	41-0-0			52-10-4 11-10-4	61-	
Plate Offsets (X,Y			0-3-8], [11:0-7-6,0-0-0], [1		9:0-4-0,0-5-8],	[21:0-7-4,			
					· •	· · · ·			· •
OADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
CLL 20.0	Plate Grip DOL	1.15	TC 0.83	Vert(LL)	-0.39 19-21	>909	360	MT20	244/190
CDL 10.0	Lumber DOL	1.15	BC 0.74	Vert(CT)	-0.68 19-21	>526	240		
SCLL 0.0		YES	WB 1.00	Horz(CT)	0.28 17	n/a	n/a		
3CDL 10.0	Code IRC2015/	PI2014	Matrix-S	Wind(LL)	0.11 2-24	>999	240	Weight: 537 I	lb FT = 20%
UMBER-				BRACING-					
	6 SP No.1 *Except*			TOP CHOR		ural wood	sheathing di	rectly applied or 2-7-	15 oc purlins
	12: 2x10 SP No.1, 14-16: 2x	4 SP No 1			excep		sheating a		ro oc punno,
	6 SP No.1 *Except*						(4-3-8 max.)	· 5-9	
)-23,18-20: 2x10 SP 2400F 2	0F		BOT CHOR			· /	or 6-0-0 oc bracing.	
	4 SP No.2 *Except*	.02		WEBS	J -	at midpt		3-23, 11-19, 5-23, 13	-17
	23,6-21,11-19,10-25: 2x6 SF	No 1 6-22. 2x4	SP No 1	WEBO		s at 1/3 pt		5-20, 11 10, 0 20, 10 5-22	
0				JOINTS		ce at Jt(s):			
REACTIONS.	(size) 2=0-3-8, 22=0-3-8,	17=0-3-8 (reg.	0-3-10)		, Diat		20, 20, 21		
N	lax Horz 2=-141(LC 10)								
	lax Grav 2=1539(LC 2), 22=	1834(LC 26), 17	=3048(LC 27)						
00050 /// \		050 (11)							
	Max. Comp./Max. Ten All fo								
	2-3=-4831/135, 3-5=-1891/71	,	, , -	,					
	13-14=-862/1146, 14-15=-85	,	, , ,						
	2-24=0/4346, 23-24=0/4337,	22-23=0/1619,	21-22=0/2177, 19-21=0/2	211, 17-19=0/149	3,				
	15-17=-792/858	0 04 05 0/040		2/4400					
	3-23=-3000/310, 6-22=-2612 3-24=0/2298, 11-19=-259/58								
	13-17=-3341/507	0, 9-20=0/349, 5	-23=-411/213, 5-22=0/11	50,					
	10 11 = 3541/367								
NOTES-									
1) Unbalanced roo	of live loads have been consi	dered for this de	sign.						
2) Wind: ASCE 7-	10; Vult=130mph (3-second	gust) Vasd=103	nph; TCDL=6.0psf; BCDI	_=6.0psf; h=15ft; C	at. II; Exp C; I	Enclosed;		, in the second s	
	ope) and C-C Exterior(2) -0-8						'-8 to	"TH C	ARA
38-5-15, Exteri	or(2) 38-5-15 to 42-10-12, Int	erior(1) 42-10-1	2 to 62-4-8 zone; cantilev	er right exposed ;0	C-C for member	ers and for	ces	JUOR ER	- City
& MWFRS for r	eactions shown; Lumber DO	L=1.60 plate gri	DOL=1.60					20.00	St.M.
3) WARNING: Th	is long span truss requires e	xtreme care and	experience for proper an	d safe handling ar	nd erection. Fo	or general		2 7 :00	
handling and e	ection guidance, see Guide	o Good Practice	e for Handling, Installing &	Bracing of Metal	Plate Connect	ed Wood		· · ?`	
Trusses ("BCS	"), jointly produced by SBCA	and TPI. The b	uilding owner or the owne	r's authorized age	nt shall contra	ct with a	=	: SE	AL
1	ered design professional for t				J		=		
permanent indi	vidual truss member restraint	/bracing. MiTek	assumes no responsibili	ty for truss manufa	cture, handlin	g, erection	, or 📃 🔁	: 166	573 :_
bracing.								3:	: 5
	ate drainage to prevent water						-	A INC	:0
	been designed for a 10.0 psf							- DI . EN	R. N.
	been designed for a live loa			eas where a rectan	gle 3-6-0 tall b	oy 2-0-0 wi	de	', GI	NEF
	the bottom chord and any otl	,						in A second	
	ad (10.0 psf) on member(s).					11-19		11, A. S	THE
	ve load (40.0 psf) and addition			plied only to room.	19-21			10000	mm
	quired bearing size at joint(s)							М	ay 10,2021
	nt(s) 2 considers parallel to g	rain value using	ANSI/TPI 1 angle to grair	n formula. Building	g designer sho	uld verify			
capacity of be	0								
Jonnin ueck on page	if design parameters and READ NO	TES ON THIS AND I	NCLUDED MITEK REFERENCE	PAGE MII-7473 rev. 5/1	9/2020 BEFORE U	JSE.		ENGINE	ERING BY
Design valid for u	se only with MiTek® connectors. This efore use, the building designer must	design is based on	y upon parameters shown, and	is for an individual build	ing component, n	ot			CNCO
a truss system. Be		veriny the applicable							
	Bracing indicated is to prevent bucklin								GILLU

818 Soundside Road Edenton, NC 27932

Starting of the starting of th

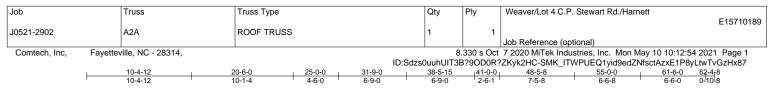
[Job	Truss	Truss Type	Qty	Ply	Weaver/Lot 4 C.P. Stewart Rd./Harnett		
	J0521-2902	A2	ROOF TRUSS	5	1	E15710188		
						Job Reference (optional)		
	Comtech, Inc, Fayettev	ville, NC - 28314,	8.330 s Oct 7 2020 MiTek Industries, Inc. Mon May 10 10:12:51 2021 Page					
			ID:Sdzs0uuhUIT3B?9OD0R?ZKyk2HC-1nergRTXCJ2S5FvazV?g1E_PWlvUq2RWfvipIyzHx8A					

NOTES-

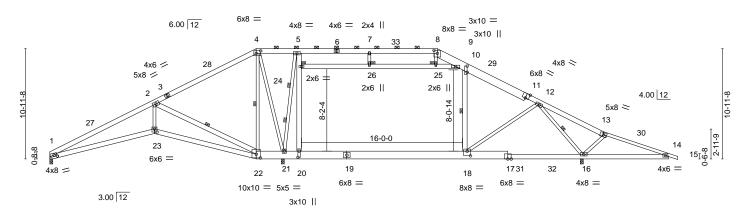
- 11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 13) Attic room checked for L/360 deflection.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





Scale = 1:114.5



	10-4-12 20-6-0	123-1-12 25-0-0 ₁	41-0-0	52-10-4	ı 61-6-0 ı
	10-4-12 20-0-0	2-7-12 1-10-4	16-0-0	11-10-4	8-7-12
Plate Offsets (X,Y)	[1:0-3-7,0-2-0], [4:0-5-4,0-3-0], [8:0-4	0,0-3-8], [10:0-7-6,0-0-0], [11:0-4-0,Edge], [18:0-4-0,0	0-5-8], [20:0-7-4,0-1-8], [22:0	-5-0,0-4-7], [23:0-3-0,0-3-8]
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 1.00 BC 0.73 WB 1.00 Matrix-S	DEFL. in Vert(LL) -0.39 Vert(CT) -0.68 Horz(CT) 0.28 Wind(LL) 0.11		PLATES GRIP MT20 244/190 Weight: 535 lb FT = 20%
8-11: 2 BOT CHORD 2x6 SP 19-22,7 WEBS 2x4 SP	No.1 *Except* x10 SP No.1, 13-15: 2x4 SP No.1 No.1 *Except* I7-19: 2x10 SP 2400F 2.0E No.2 *Except* 20,10-18,9-24: 2x6 SP No.1, 5-21: 2x	4 SP No.1	BOT CHORD WEBS		: 4-8.
Max H	e) 1=0-3-8, 21=0-3-8, 16=0-3-8 (ref orz 1=-142(LC 10) rav 1=1495(LC 2), 21=1835(LC 26),	· ,			
TOP CHORD 1-2=- 12-13 BOT CHORD 1-23=- 16-18 WEBS 2-22= 2-23=	Comp./Max. Ten All forces 250 (lb) 4835/154, 2-4=-1891/71, 8-9=-2244/7 3=-862/1146, 13-14=-853/902, 4-5=-1. -9/4351, 22-23=-7/4342, 21-22=0/16 =0/1493, 14-16=-792/858 3007/337, 5-21=-2612/0, 20-24=0/2 =0/2299, 10-18=-259/586, 8-25=0/349 S=-3341/507	3, 9-10=-2283/23, 10-12=- 331/51, 5-7=-2169/32, 7-8= 8, 20-21=0/2177, 18-20=0 06, 5-24=0/2182, 12-18=-5	2598/0, 2174/31 /2211, 93/1108,		
 2) Wind: ASCE 7-10; V MWFRS (envelope) 38-5-15, Exterior(2) & MWFRS for reacti WARNING: This lor handling and erection Trusses ("BCSI"), jo qualified registered of permanent individua bracing. 4) Provide adequate dr 5) This truss has been 6) * This truss has been 6) * This truss has been 9) Ceiling dead load (1 8) Bottom chord live loa 9) WARNING: Require 	e loads have been considered for this fult=130mph (3-second gust) Vasd=10 and C-C Exterior(2) 0-1-12 to 4-6-9, I 38-5-15 to 42-10-12, Interior(1) 42-10 ons shown; Lumber DOL=1.60 plate g gspan truss requires extreme care a n guidance, see Guide to Good Pract intly produced by SBCA and TPI. The design professional for the design and I truss member restraint/bracing. MIT ainage to prevent water ponding. designed for a 10.0 psf bottom chord n designed for a live load of 30.0psf o ottom chord and any other members, 0.0 psf) on member(s). 9-10, 24-26, 2 ad (40.0 psf) and additional bottom d bearing size at joint(s) 16 greater th 1 considers parallel to grain value usir	3mph; TCDL=6.0psf; BCD hterior(1) 4-6-9 to 20-6-0, E 12 to 62-4-8 zone; cantilev irip DOL=1.60 nd experience for proper ar ce for Handling, Installing & building owner or the owner inspection of the temporar ek assumes no responsibilit live load nonconcurrent with n the bottom chord in all are with BCDL = 10.0psf. 5-26, 9-25; Wall dead load ord dead load (10.0 psf) ap an input bearing size.	exterior(2) 20-6-0 to 24-7-8, ver right exposed ;C-C for r ad safe handling and erecti & Bracing of Metal Plate Cc er's authorized agent shall y installation restraint/braci ty for truss manufacture, h h any other live loads. eas where a rectangle 3-6- (5.0psf) on member(s).20- plied only to room. 18-20	Interior(1) 24-7-8 to nembers and forces on. For general onnected Wood contract with a ing and the andling, erection, or 0 tall by 2-0-0 wide -24, 10-18	SEAL 16673 Mg/NEEP May 10,2021



Control Version Respectively design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 **AdSI/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

Job	Т	russ	Truss Type	Qty	Ply		Weaver/Lot 4 C.P. Stewart Rd./Harnett
J0521-2902	A	2A	ROOF TRUSS	1		1	E15710189
						-	Job Reference (optional)
Comtech, Inc,	Fayetteville	e, NC - 28314,	8.330 s Oct 7 2020 MiTek Industries, Inc. Mon May 10 10:12:54 2021 P				
			ID:Sdzs0uuhUIT3B?9OD0R?ZKvk2HC-SMK_ITWPUEQ1vid9edZNfsctAzxE1P8vLtwTvGzHx87				

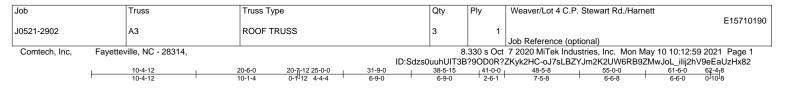
NOTES-

11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

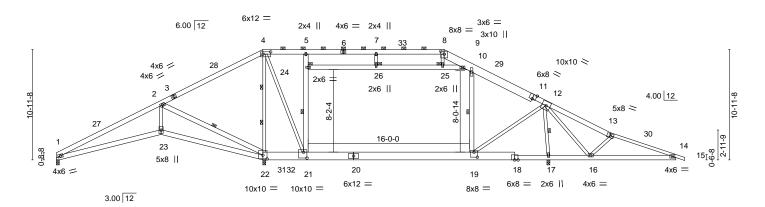
12) Attic room checked for L/360 deflection.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





Scale = 1:114.4



F	10-4-12	20-6-0	20-7-12 25-0-0	41-0-0		48-10-4	52-10-4	61-6-0
	10-4-12	10-1-4	0-1 ¹¹ 12 4-4-4	16-0-0	00.0 5 0 0 4 71	7-10-4	4-0-0	8-7-12
Plate Offsets (X,Y)-	- [4:0-9-4,0-2-12], [8:0-4	4-0,0-3-8], [11:0-4	4-0,Edge], [19:0-4-0,0-6	-0], [21:0-4-0,0-7-0], [22:0-5-0,0-4-7]			
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl L/d	PLATE	S GRIP
TCLL 20.0	Plate Grip DOL	. 1.15	TC 0.71	Vert(LL)	-0.32 19-21	>999 360	MT20	244/190
TCDL 10.0	Lumber DOL	1.15	BC 0.49	Vert(CT)	-0.50 19-21	>688 240		
BCLL 0.0 *	Rep Stress Inc	r YES	WB 0.83	Horz(CT)	0.13 17	n/a n/a		
BCDL 10.0	Code IRC2015	/TPI2014	Matrix-S	Wind(LL)	0.06 1-23	>999 240	Weight:	528 lb FT = 20%

BCDL 1	0.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.0	6 1-23 >999 240	Weight: 528 lb FT = 20%
LUMBER-				BRACING-		
TOP CHORE	D 2x6 SF	PNo.1 *Except*		TOP CHORD	Structural wood sheathir	ng directly applied or 4-5-0 oc purlins, except
	8-11: 2	x10 SP No.1, 13-15: 2x4 SP No.1			2-0-0 oc purlins (5-9-15	max.): 4-8.
BOT CHORE	D 2x6 SF	No.1 *Except*		BOT CHORD	Rigid ceiling directly app	blied or 6-0-0 oc bracing.
	20-22,	18-20: 2x10 SP 2400F 2.0E, 14-18: 2x6	SP 2400F 2.0E	WEBS	1 Row at midpt	2-22, 21-24, 10-19, 12-17
WEBS	2x4 SF	PNo.2 *Except*			2 Rows at 1/3 pts	4-22
	2-22,5-	21,10-19,9-24: 2x6 SP No.1		JOINTS	1 Brace at Jt(s): 24, 25,	26
	.					

REACTIONS. (size) 1=0-3-8, 22=0-3-8, 17=0-3-8 Max Horz 1=-142(LC 10) Max Grav 1=875(LC 24), 22=2493(LC 2), 17=3015(LC 27)

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

TOP CHORD 1-2=-2249/0, 2-4=-506/93, 8-9=-1370/11, 9-10=-1336/0, 10-12=-1416/0, 12-13=-840/1215, 13-14=-832/976, 4-5=-1201/0, 5-7=-1222/0, 7-8=-1226/0 BOT CHORD 1-23=-20/1994, 22-23=-19/1986, 21-22=-26/642, 19-21=0/1221, 17-19=-1226/1170, 16-17=-1293/1186, 14-16=-861/840 WEBS 2-22=-1992/248, 21-24=-944/229, 5-24=-715/241, 12-19=-462/2641, 2-23=0/1165, 10-19=-907/518, 8-25=0/350, 12-16=-441/446, 4-22=-2340/44, 4-21=0/2425, 12-17=-3102/791

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) 0-1-12 to 4-6-9, Interior(1) 4-6-9 to 20-6-0, Exterior(2) 20-6-0 to 24-9-4, Interior(1) 24-9-4 to 38-5-15, Exterior(2) 38-5-15 to 42-10-12, Interior(1) 42-10-12 to 62-4-8 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.

4) Provide adequate drainage to prevent water ponding.

5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

6) * This truss has been designed for a live load of 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.

- 7) Ceiling dead load (10.0 psf) on member(s). 9-10, 24-26, 25-26, 9-25; Wall dead load (5.0psf) on member(s).21-24, 10-19
- 8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 19-21
- 9) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

Control VérRyiNg agergy design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 ev. 5/19/2020 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 property 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 <u>ANS/TP11 Quality Criteria, DSB-89 and BCSI Building Component</u> Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





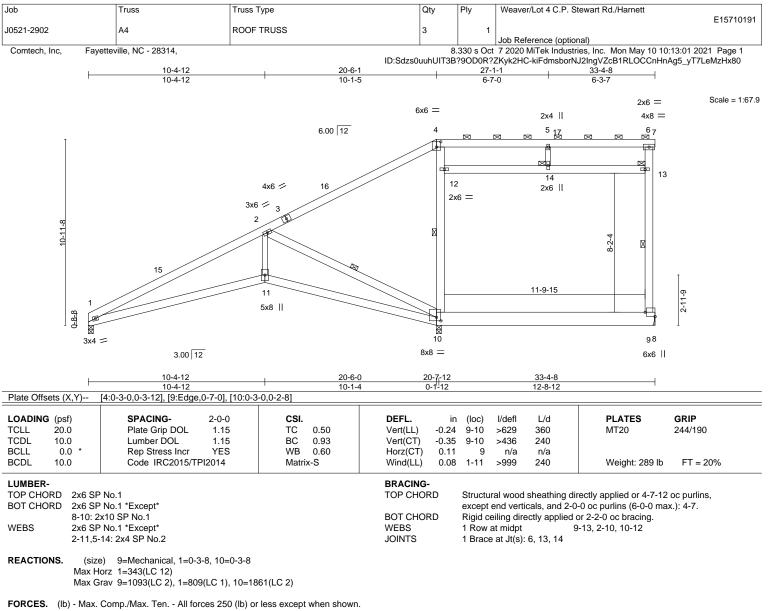
Job		Truss	Truss Type	Qty	Ply	Weaver/Lot 4 C.P. Stewart Rd./Harnett	
10504 0000		4.0				E15710190	
J0521-2902		A3	ROOF TRUSS	3	1	Job Reference (optional)	
Comtech, Inc, Fayetteville, NC - 28314,			8	.330 s Oct	7 2020 MiTek Industries, Inc. Mon May 10 10:12:59 2021 Page 2		
			ID:Sdzs0uuhUIT3B?9OD0R?ZKyk2HC-oJ7sLBZYJm2K2UW6RB9ZMwJoL ilij2hV9eEaUzHx82				

NOTES-

11) Attic room checked for L/360 deflection.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





TOP CHORD 1-2=-1961/301, 2-4=-333/203, 9-13=-523/107, 6-13=-371/100

BOT CHORD 1-11=-935/1730, 10-11=-933/1720

NOTES-

1) 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) 0-1-12 to 4-6-9, Interior(1) 4-6-9 to 20-6-1, Exterior(2) 20-6-1 to 26-8-11, Interior(1) 26-8-11

to 33-4-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

2) Provide adequate drainage to prevent water ponding.

3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

4) * This truss has been designed for a live load of 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) Ceiling dead load (10.0 psf) on member(s). 12-14, 13-14; Wall dead load (5.0psf) on member(s).10-12

6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 9-10

7) Refer to girder(s) for truss to truss connections.

8) Bearing at joint(s) 1, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 10) Attic room checked for L/360 deflection.

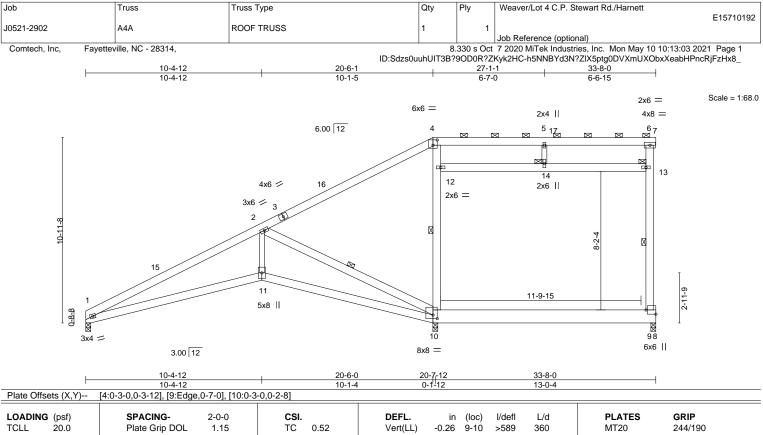


TRENCIO AMITEK Affiliate 818 Soundside Road

Edenton, NC 27932

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

WEBS 2-11=-328/1031, 2-10=-1810/826, 10-12=-836/436, 4-12=-589/425



TCDL 1 BCLL	0.0 0.0 0.0 * 0.0	Lumber DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	BC 0.98 WB 0.60 Matrix-S	- ()		Weight: 292 lb	FT = 20%
LUMBER-	0.000			BRACING-			
TOP CHORE				TOP CHORD	Structural wood sheathing d	· · · ·	· · · ·
BOT CHORE		PNo.1 *Except*			except end verticals, and 2-0		x.): 4-7.
	8-10: 2	x10 SP No.1		BOT CHORD	Rigid ceiling directly applied	or 2-2-0 oc bracing.	
WEBS	2x6 SF	No.1 *Except*		WEBS	1 Row at midpt	9-13, 2-10, 10-12	
	2-11,5-	14: 2x4 SP No.2		JOINTS	1 Brace at Jt(s): 6, 13, 14		

REACTIONS. (size) 9=0-3-8, 1=0-3-8, 10=0-3-8 Max Horz 1=343(LC 12) Max Grav 9=1120(LC 2), 1=811(LC 1), 10=1883(LC 2)

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

TOP CHORD 1-2=-1965/303, 2-4=-332/200, 9-13=-536/110, 6-13=-382/106

BOT CHORD 1-11=-936/1733, 10-11=-935/1723

NOTES-

1) 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) 0-1-12 to 4-6-9, Interior(1) 4-6-9 to 20-6-1, Exterior(2) 20-6-1 to 26-8-11, Interior(1) 26-8-11

to 33-8-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

2) Provide adequate drainage to prevent water ponding.

3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

4) * This truss has been designed for a live load of 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) Ceiling dead load (10.0 psf) on member(s). 12-14, 13-14; Wall dead load (5.0psf) on member(s).10-12

6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 9-10

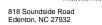
7) Bearing at joint(s) 1, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

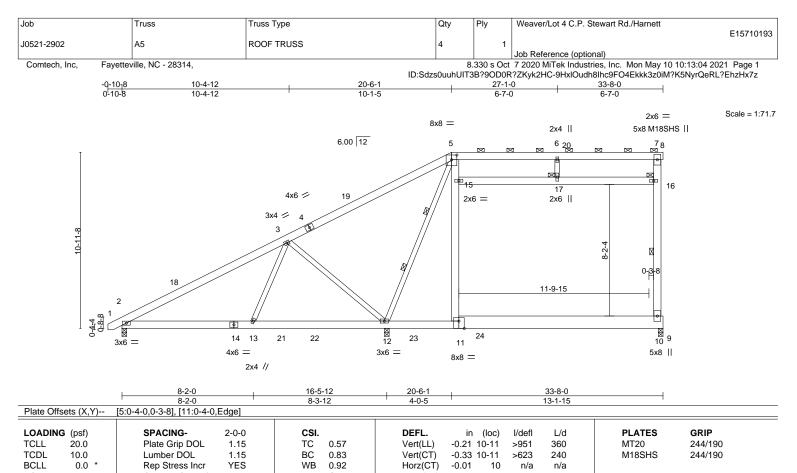
9) Attic room checked for L/360 deflection.



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 we be 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/TPH Coulity Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



WEBS 2-11=-329/1032, 2-10=-1808/827, 10-12=-846/437, 4-12=-594/425



BCDL 10.	0 Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.03	3 2-13 >999 240	Weight: 298 lb FT = 20%
LUMBER-	·		BRACING-		
TOP CHORD	2x6 SP No.1		TOP CHORD	Structural wood sheathing d	lirectly applied or 6-0-0 oc purlins,
BOT CHORD	2x6 SP No.1 *Except*			except end verticals, and 2-	0-0 oc purlins (6-0-0 max.): 5-8.
	9-11: 2x10 SP No.1		BOT CHORD	Rigid ceiling directly applied	l or 5-1-15 oc bracing.
WEBS	2x4 SP No.2 *Except*		WEBS	1 Row at midpt	10-16
	7-10,5-11,15-16: 2x6 SP No.1			2 Rows at 1/3 pts	5-12
			JOINTS	1 Brace at Jt(s): 7, 16, 17	
REACTIONS.	(size) 10=0-3-8, 2=0-3-8, 12=0-3-8				

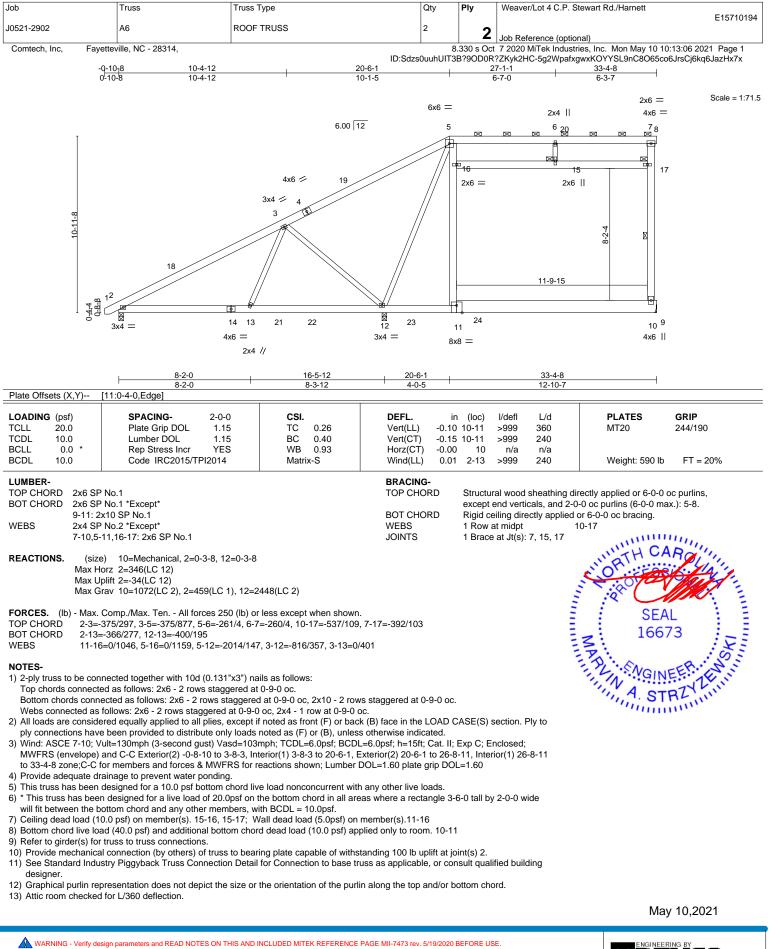
- Max Horz 2=346(LC 12) Max Uplift 2=-35(LC 12) Max Grav 10=1096(LC 2), 2=456(LC 1), 12=2545(LC 2)
- FORCES. (lb) Max. Comp./Max. Ten. All forces 250 (lb) or less except when shown.
- TOP CHORD 2-3=-371/297, 3-5=-371/904, 5-6=-274/6, 6-7=-273/6, 10-16=-549/112, 7-16=-402/109
- BOT CHORD 2-13=-368/271, 12-13=-403/188
- WEBS 11-15=0/1104, 5-15=0/1218, 5-12=-2087/141, 3-12=-815/356, 3-13=0/402
- NOTES-
- 1) 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) -0-8-10 to 3-8-3, Interior(1) 3-8-3 to 20-6-1, Exterior(2) 20-6-1 to 26-8-11, Interior(1) 26-8-11 to 33-8-0 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Provide adequate drainage to prevent water ponding.3) All plates are MT20 plates unless otherwise indicated.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 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) Ceiling dead load (10.0 psf) on member(s). 15-17, 16-17; Wall dead load (5.0psf) on member(s).11-15
- 7) Bottom chord live load (40.0 psf) and additional bottom chord dead load (10.0 psf) applied only to room. 10-11
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2.
- 9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
- 10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 11) Attic room checked for L/360 deflection.

THE MARY 11.0KI INOTH SEAL 16673 May 10,2021

818 Soundside

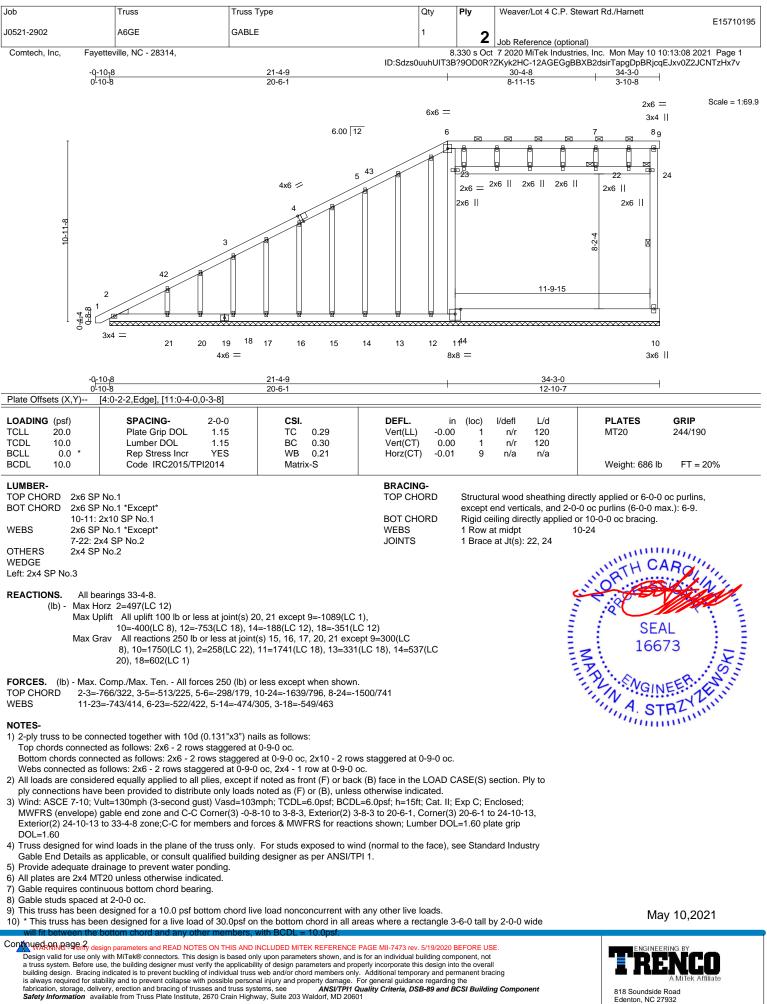
Edenton, NC 27932

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 system. See **MSIVTPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Weaver/Lot 4 C.P. Stewart Rd./Harnett
J0521-2902	A6GE	GABLE	1		E1571019
JUJZ 1 2302	AUGE	GABLE	'	2	Job Reference (optional)
Comtech, Inc, Fayettev	ille, NC - 28314,		. 8.	.330 s Oct	7 2020 MiTek Industries, Inc. Mon May 10 10:13:09 2021 Page 2
		ID:Sdzs0	uuhUIT3B	?90D0R?	ZKvk2HC-VFkeRbhavrJvF0H11HKvm1kcT09T2N9Aoi3mwvzHx7u

NOTES-

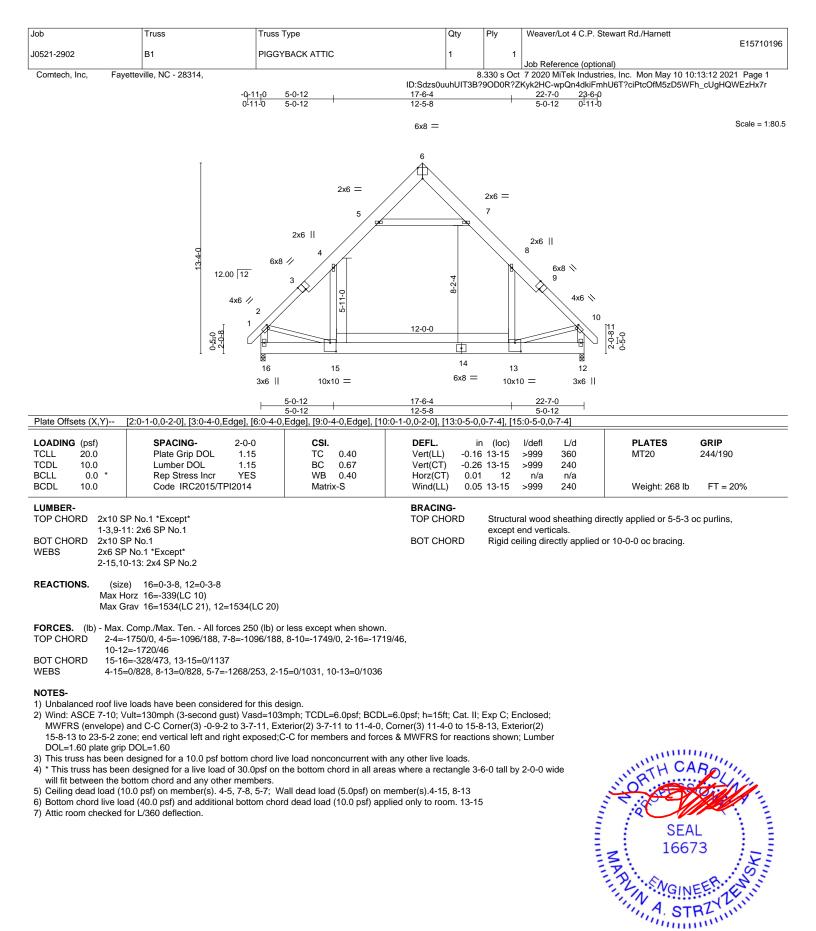
- 11) Ceiling dead load (10.0 psf) on member(s). 5-6, 22-23, 22-24; Wall dead load (5.0psf) on member(s).11-23, 5-14, 3-18
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 20, 21 except (jt=lb) 9=1089, 10=400, 12=753, 14=188, 18=351.
- 13) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

 14) Graphical purify representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 15) This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.

16) Attic room checked for L/360 deflection.

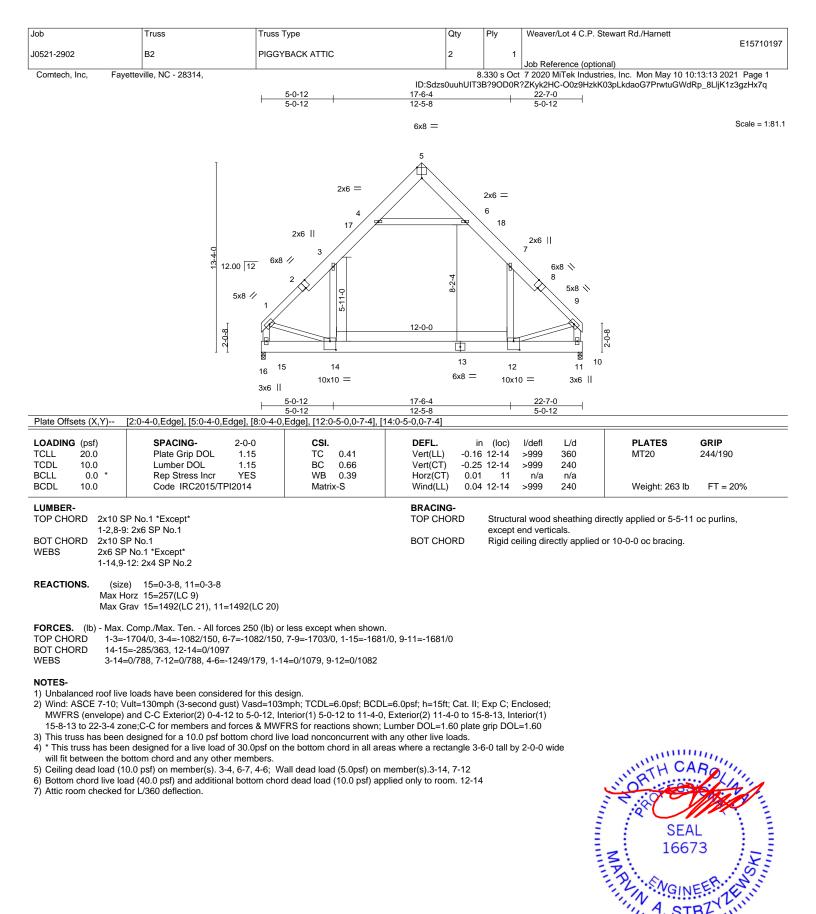
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601 May 10,2021

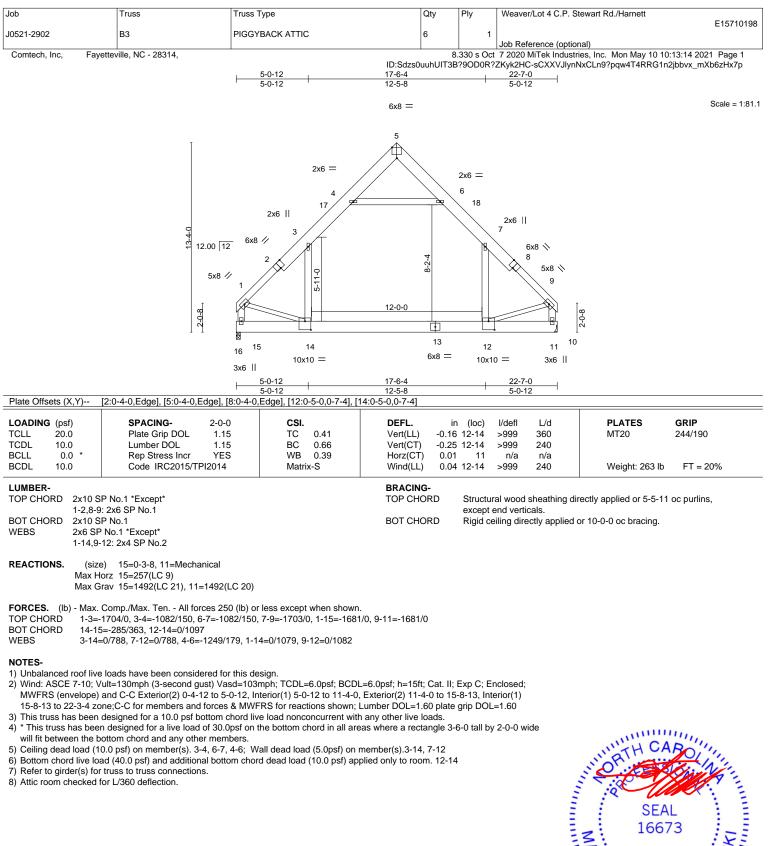






Edenton, NC 27932

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 a uses system, before use, included the building designer mask vering the approximation to design 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/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

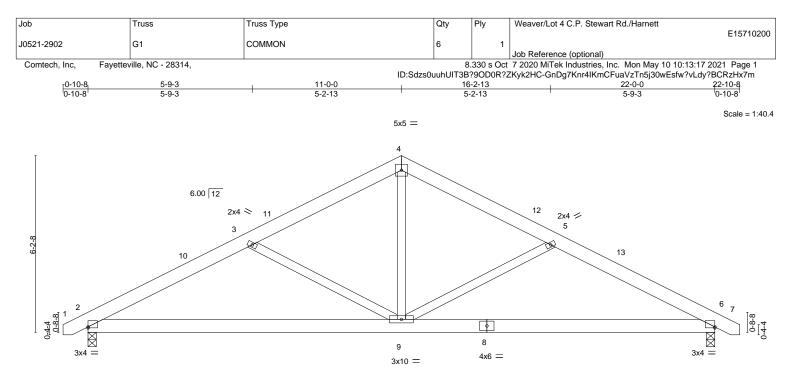


Job	Truss	Truss Type	Qty	Ply	Weaver/Lot 4 C P	Stewart Rd./Harnett	
J0521-2902	B4	PIGGYBACK ATTIC	1	-	Weaven/Lot 4 0.1	olewalt hu./hamet	E15710199
	etteville, NC - 28314,			2	Job Reference (opt	tional) stries, Inc. Mon May 10 1	0:12:16 2021 Page 1
Conneut, inc, ray	elleville, NC - 20314,	5-0-12 5-0-12					
	역 연 2 5x8 / 2	2x6 = 2x6 4 17 6x8 / 2 6x8 / 10^{+}		2x6 = 6 18 18 12 10x10	11	မြိုင် (၃-၃-၃- 10	
Plate Offsets (X,Y)	[2:0-4-0,Edge], [5:0-4-0,Edge], [3:0-4-0,Edge], [12:0-5-0,0-7-4], [14			5-0-12		
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 BCDL 10.0	SPACING- 4-0-0 Plate Grip DOL 1.11 Lumber DOL 1.11 Rep Stress Incr NC Code IRC2015/TPI2014	TC 0.48 BC 0.73	Vert(LL) -0.16 Vert(CT) -0.25 Horz(CT) 0.01	(loc) 12-14 12-14 11 12-14	l/defl L/d >999 360 >999 240 n/a n/a >999 240	PLATES MT20 Weight: 527 lb	GRIP 244/190 FT = 20%
BOT CHORD 2x10 S WEBS 2x6 SP 1-14,9- REACTIONS. (size Max Ho	: 2x6 SP No.1	C 20)	BRACING- TOP CHORD BOT CHORD	(Switche	d from sheeted: S iling directly applie	d or 10-0-0 oc bracing.	AROLINI,
TOP CHORD 1-3=- 1-15: BOT CHORD 14-15 WEBS 3-14= NOTES- 1) 2-ply truss to be con Top chords connecte Bottom chords connected as 2) All loads are conside ply connections have 3) Unbalanced roof live 4) Wind: ASCE 7-10; W MWFRS (envelope) 15-8-13 to 22-3-4 zo 5) This truss has been will fit between the b 7) Ceiling dead load (11 8) Bottom chord live loa 9) Refer to girder(s) for	3408/0, 3-4=-2164/301, 4-5=-20 =-3361/0, 9-11=-3363/0 5=-569/726, 12-14=0/2194, 11-1 =0/1576, 7-12=0/1576, 4-6=-249 nected together with 10d (0.131 ed as follows: 2x6 - 2 rows stagged ected as follows: 2x10 - 2 rows s follows: 2x6 - 2 rows staggered ared equally applied to all plies, i e been provided to distribute onl loads have been considered fo fult=130mph (3-second gust) Va and C-C Exterior(2) 0-4-12 to 5- one;C-C for members and forces designed for a 10.0 psf bottom of n designed for a live load of 30.0 ottom chord and any other mem 0.0 psf) on member(s). 3-4, 6-7, ad (40.0 psf) and additional bottoms. presentation does not depict the	9/357, 1-14=0/2158, 9-12=0/2165 x3") nails as follows: ered at 0-9-0 oc, 2x10 - 2 rows stat taggered at 0-9-0 oc. at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc xcept if noted as front (F) or back vicept if noted as (F) or (B), unless this design. d=103mph; TCDL=6.0psf; BCDL= 0-12, Interior(1) 5-0-12 to 11-4-0, E & MWFRS for reactions shown; Lt Mord live load nonconcurrent with a psf on the bottom chord in all area	ggered at 0-9-0 oc. (B) face in the LOAD C otherwise indicated. 6.0psf; h=15ft; Cat. II; 1 Exterior(2) 11-4-0 to 15- umber DOL=1.60 plate any other live loads. s where a rectangle 3-6 ember(s).3-14, 7-12 ied only to room. 12-14	Exp C; Er 8-13, Inte grip DOL: 3-0 tall by	ection. Ply to nclosed; arior(1) =1.60 2-0-0 wide	SEA 166 A. ST	AL 73 EEER. WUILING

May 10,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

ENGINEERING BY A Mitek Atfiliate 818 Soundside Road Edenton, NC 27932



├ ──	<u> </u>					<u>22-0-0</u> 11-0-0		
Plate Offsets (X,Y)							-	
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 0.13	Vert(LL) -0	.07 6-9	, 9 >999	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.41	Vert(CT) -0	.15 6-9	9 >999	240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.23	Horz(CT) 0	.02	6 n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0	.02	9 >999	240	Weight: 139 lb	FT = 20%

TOP CHORD

BOT CHORD

LUMBER-

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

REACTIONS. (size) 6=0-3-8, 2=0-3-8 Max Horz 2=-76(LC 10) Max Uplift 6=-64(LC 13), 2=-64(LC 12) Max Grav 6=920(LC 1), 2=920(LC 1)

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

2-3=-1389/378, 3-4=-1062/288, 4-5=-1062/288, 5-6=-1389/378 TOP CHORD

BOT CHORD 2-9=-252/1174. 6-9=-256/1174

WFBS 3-9=-359/240, 4-9=-73/616, 5-9=-359/240

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) -0-8-10 to 3-8-3, Interior(1) 3-8-3 to 11-0-0, Exterior(2) 11-0-0 to 15-4-13, Interior(1) 15-4-13 to 22-8-10 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) 6, 2.

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

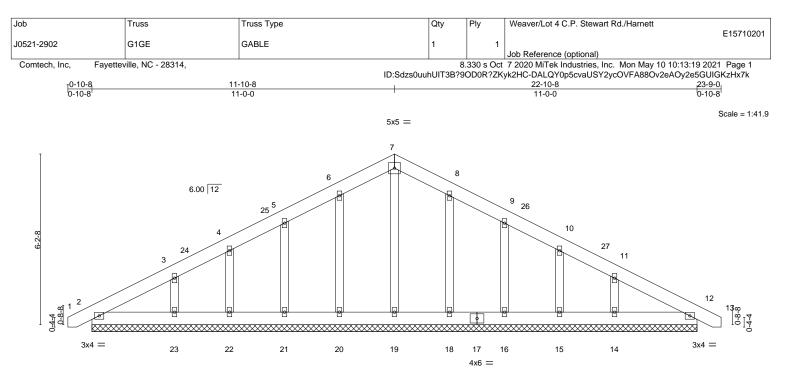


Structural wood sheathing directly applied or 6-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc bracing.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 MSIVTP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





10-10-8 0-10-8		<u>22-10-8</u> 22-0-0			23-9-0 0-10-8
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 *	SPACING-2-0-0Plate Grip DOL1.15Lumber DOL1.15Rep Stress IncrYES	CSI. DEFI TC 0.03 Vert() BC 0.03 Vert() WB 0.06 Horz	LL) 0.00 12 CT) 0.00 12	n/r 120	PLATES GRIP MT20 244/190
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	(-)	. 11/a 11/a	Weight: 155 lb FT = 20%
UMBER-		BRAG	CING-		

TOP CHORD

BOT CHORD

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

REACTIONS. All bearings 22-0-0.

Max Horz 2=-119(LC 17) (lb) -

Max Uplift All uplift 100 lb or less at joint(s) 12, 2, 20, 21, 22, 18, 16, 15 except 23=-113(LC 12), 14=-110(LC 13)

Max Grav All reactions 250 lb or less at joint(s) 12, 2, 19, 20, 21, 22, 23, 18, 16, 15, 14

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

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 Corner(3) -0-8-10 to 3-8-3, Exterior(2) 3-8-3 to 11-0-0, Corner(3) 11-0-0 to 15-4-13, Exterior(2) 15-4-13 to 22-8-10 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) 12, 2, 20, 21, 22, 18, 16, 15 except (jt=lb) 23=113, 14=110.

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



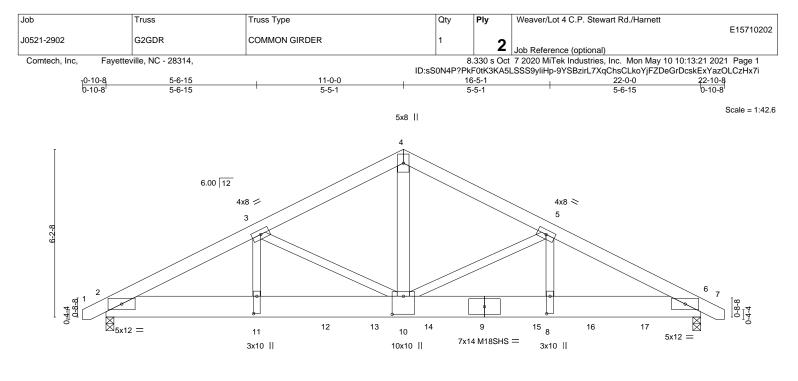
Structural wood sheathing directly applied or 6-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc bracing.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 system. See **MSIVTPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

818 Soundside Road

Edenton, NC 27932



H	5-6-15 5-6-15	<u>11-0-0</u> 5-5-1	<u> </u>		<u>22-0-0</u> 5-6-15	
Plate Offsets (X,Y)	[8:0-7-12,0-1-8], [10:0-8-0,0-5-0], [11:0-		0-0-1		5-0-15	
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr NO Code IRC2015/TPI2014	CSI. TC 0.43 BC 0.48 WB 0.53 Matrix-S	Vert(LL) -0.10 10-11 > Vert(CT) -0.21 10-11 > Horz(CT) 0.05 6	l/defl L/d >999 360 >999 240 n/a n/a >999 240	PLATES MT20 M18SHS Weight: 368 lb	GRIP 244/190 244/190 FT = 20%
WEBS 2x4 SF	P No.1 SP 2400F 2.0E P No.2 *Except* 2x6 SP No.1			0	rectly applied or 4-3-7 o or 10-0-0 oc bracing.	c purlins.
Max H	re) 2=0-3-8, 6=0-3-8 Horz 2=-76(LC 25) Grav 2=5366(LC 2), 6=7742(LC 2)					
TOP CHORD 2-3= BOT CHORD 2-11	Comp./Max. Ten All forces 250 (lb) or -10937/0, 3-4=-9489/0, 4-5=-9489/0, 5-6 =0/9606, 10-11=0/9606, 8-10=0/11619, I =0/8088, 5-10=-3586/0, 5-8=0/3319, 3-1	=-13171/0 6-8=0/11619				
 Top chords connect Bottom chords connected as 2) All loads are consid ply connections hav 3) Unbalanced roof liv 4) Wind: ASCE 7-10; 1 MWFRS (envelope) 5) All plates are MT200 6) This truss has been 7) * This truss has been 7) * This truss has been 8) See Standard Indust designer. 9) Hanger(s) or other of down at 9-11-4, 14 1438 lb down at 19 LOAD CASE(S) Stan 1) Dead + Roof Live (th Uniform Loads (plf) 	palanced): Lumber Increase=1.15, Plate	0-9-0 oc. d at 0-3-0 oc. oc, 2x4 - 1 row at 0-9-0 oc noted as front (F) or back noted as (F) or (B), unless sign. mph; TCDL=6.0psf; BCDL) e load nonconcurrent with he bottom chord in all are or Connection to base trus ufficient to support concen 13-11-4, 1438 lb down at ction of such connection of	: (B) face in the LOAD CASE(S) se otherwise indicated. =6.0psf; h=15ft; Cat. II; Exp C; End any other live loads. as where a rectangle 3-6-0 tall by 2 is as applicable, or consult qualified trated load(s) 2876 lb down at 8-1 15-11-4, and 1438 lb down at 17-	closed; 2-0-0 wide d building	SEA 1667	3 FR. A.



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

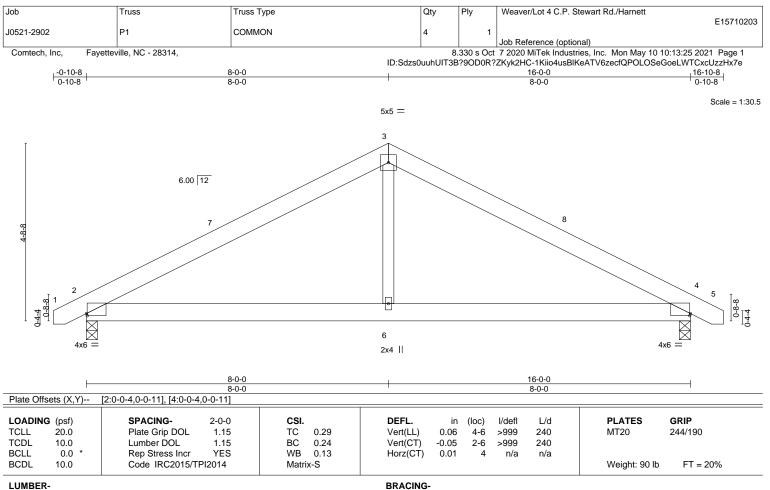
Job	Truss	i	Truss Type	Qty	Ply	Weaver/Lot 4 C.P. Stewart Rd./Harnett	
J0521-2902	G2GE	DR	COMMON GIRDER	1	2		15710202
					_	Job Reference (optional)	
Comtech, Inc,	Fayetteville, N	C - 28314,		8	.330 s Oct	7 2020 MiTek Industries, Inc. Mon May 10 10:13:21 2021 F	Page 2
			ID:sS	SON4P?Pk	F0tK3KA5I	LSSS9yliHp-9YSBzirL7XqChsCLkoYjFZDeGrDcskExYazOL0	CzHx7i

LOAD CASE(S) Standard Concentrated Loads (Ib)

Vert: 9=-1173(F) 12=-2347(F) 13=-1173(F) 14=-1173(F) 15=-1173(F) 16=-1173(F) 17=-1173(F)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 **ANS/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





TOP CHORD

BOT CHORD

LUMBER-

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

REACTIONS. (size) 2=0-3-8, 4=0-3-8 Max Horz 2=-57(LC 10) Max Uplift 2=-142(LC 9), 4=-142(LC 8) Max Grav 2=680(LC 1), 4=680(LC 1)

(11.) All forces 250 (lb) or less except when shown.

FURCES. (ID) - Max. Comp./Max. Ten All P
TOP CHORD	2-3=-873/842, 3-4=-873/840

BOT CHORD	2-6=-615/675, 4-6=-615/675
WEBS	3-6=-478/381

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) -0-8-10 to 3-8-3, Interior(1) 3-8-3 to 8-0-0, Exterior(2) 8-0-0 to 12-4-13, Interior(1) 12-4-13 to
- 16-8-10 zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate arip 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) except (jt=lb) 2=142, 4=142

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

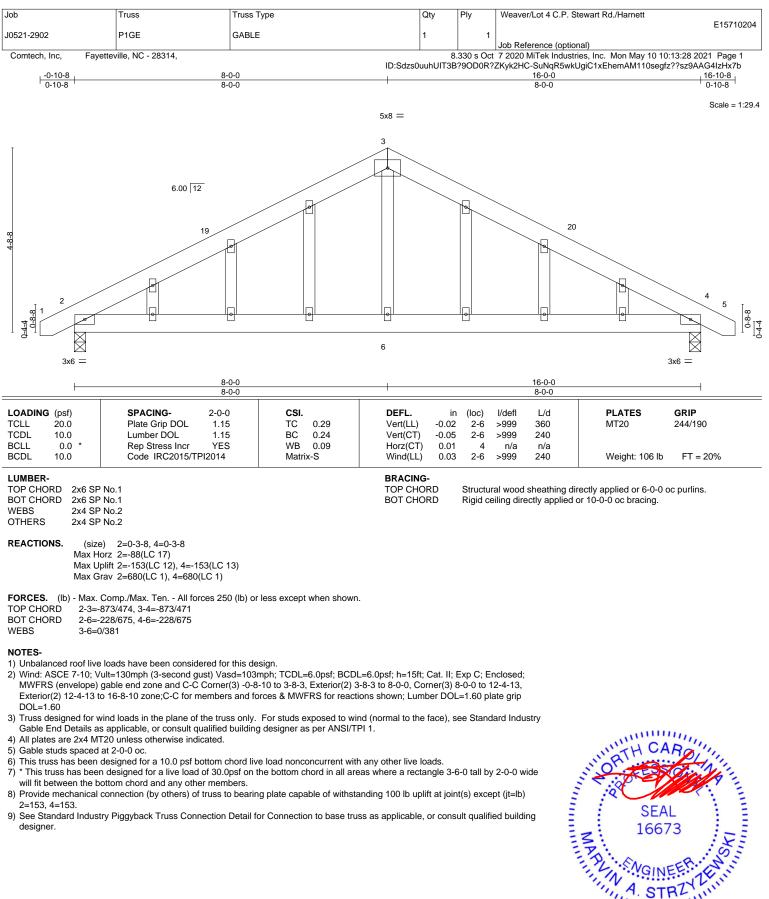


Structural wood sheathing directly applied or 6-0-0 oc purlins.

Rigid ceiling directly applied or 9-6-0 oc bracing.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 MSIVTP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





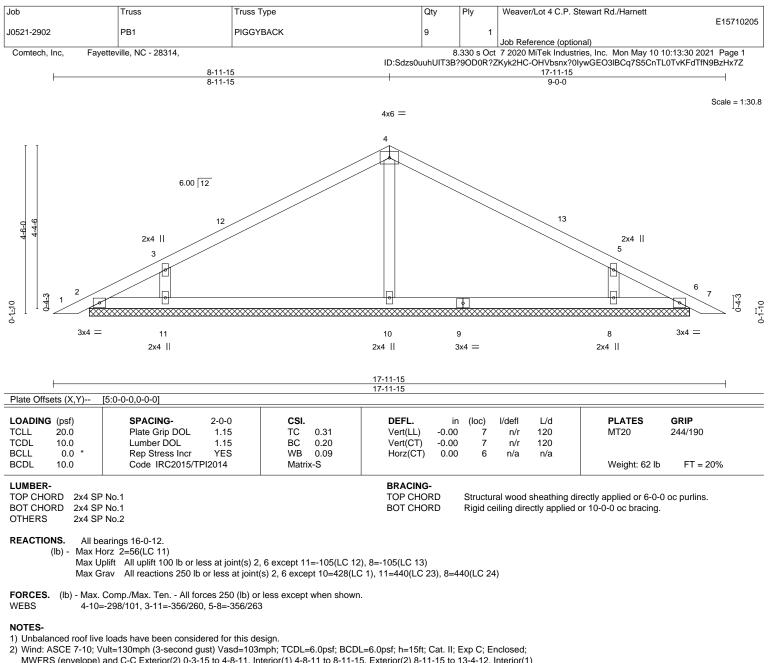
9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

> mm May 10,2021

16673

 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 besign valid to less only with with the contractors. This besign is based only upon parameters and properly incorporate this design into the overall 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 **ANS/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

818 Soundside Road Edenton, NC 27932



MWFRS (envelope) and C-C Exterior(2) 0-3-15 to 4-8-11, Interior(1) 4-8-11 to 8-11-15, Exterior(2) 8-11-15 to 13-4-12, Interior(1) 13-4-12 to 17-8-0 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 loss potentiation into 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) 2, 6 except (jt=lb) 11=105, 8=105.

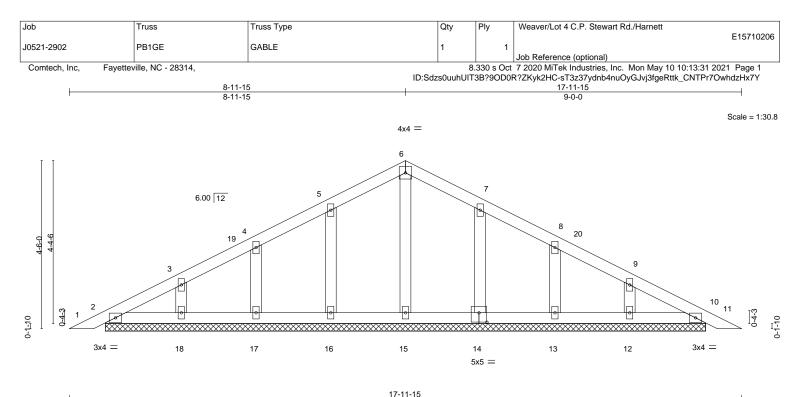
6) Non Standard bearing condition. Review required.

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



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 sand truss systems, see **ANSI/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





17-11-15

CDL 10.0 Lumber DOL 1.15 BC 0.02 GCLL 0.0 * Rep Stress Incr YES WB 0.03	Vert(CT) 0.00 10 n/r 120 Horz(CT) 0.00 10 n/a n/a	
CCLL 0.0 * Rep Stress Incr YES WB 0.03 GCDL 10.0 Code IRC2015/TPI2014 Matrix-S	Horz(CT) 0.00 10 n/a n/a	Weight: 76 lb FT = 20%

REACTIONS. All bearings 16-0-13.

(lb) - Max Horz 2=88(LC 16)

2x4 SP No.2

Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 17, 10, 18, 14, 13, 12 Max Grav All reactions 250 lb or less at joint(s) 2, 15, 16, 17, 10, 18, 14, 13, 12

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

NOTES-

OTHERS

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) 0-3-15 to 4-11-15, Interior(1) 4-11-15 to 8-11-15, Exterior(2) 8-11-15 to 13-4-12, Interior(1) 13-4-12 to 17-8-0 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.
- 4) All plates are 2x4 MT20 unless otherwise indicated.
- 5) Gable requires continuous bottom chord bearing.

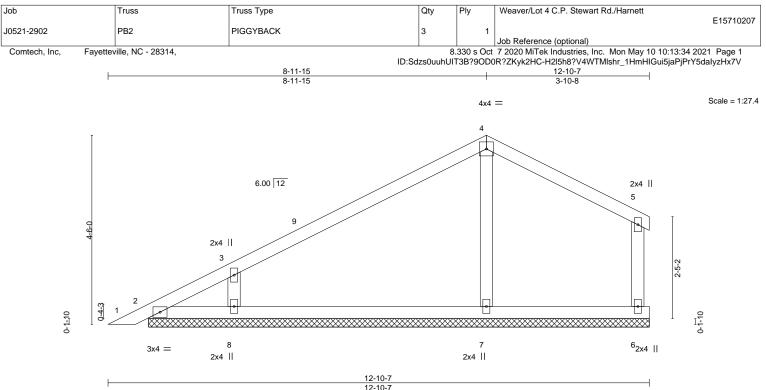
6) Gable studs spaced at 2-0-0 oc.

- 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, 16, 17, 10, 18, 14, 13, 12.
- 10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 system, see **ANSI/TPTI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





						12 10 1						
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	0.32	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	-0.00	1	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code IRC2015/T	PI2014	Matri	x-S						Weight: 49 lb	FT = 20%
LUMBER- TOP CHOI BOT CHOI	RD 2x4 SP			1		BRACING- TOP CHOP	RD			0	directly applied or 6-0-0	oc purlins,
WEBS	2x4 SP 2x4 SP					BOT CHO			end verti eiling dire		d or 10-0-0 oc bracing.	

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

REACTIONS. All bearings 11-10-14.

(lb) -Max Horz 2=102(LC 12)

Max Uplift All uplift 100 lb or less at joint(s) 6, 2, 7 except 8=-103(LC 12) Max Grav All reactions 250 lb or less at joint(s) 6, 2 except 7=387(LC 1), 8=447(LC 23)

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

WEBS 4-7=-277/173, 3-8=-356/285

NOTES-

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) 0-3-15 to 4-8-11, Interior(1) 4-8-11 to 8-11-15, Exterior(2) 8-11-15 to 12-7-3 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) Gable requires continuous bottom chord bearing.

4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

5) * This truss has been designed for a live load of 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.

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2, 7 except (jt=lb) 8=103.

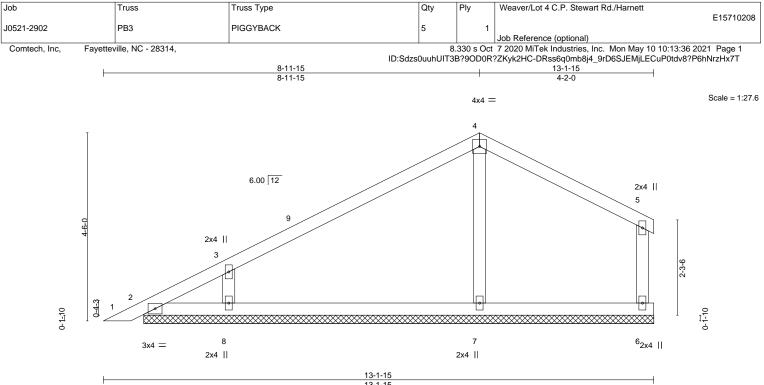
7) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



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



			13-1-15			
OADING (psf)	SPACING- 2-0-0	CSI.	DEFL.	n (loc)	l/defl L/d	PLATES GRIP
CLL 20.0	Plate Grip DOL 1.15	TC 0.32	Vert(LL) 0.0	0 1	n/r 120	MT20 244/190
CDL 10.0	Lumber DOL 1.15	BC 0.16	Vert(CT) -0.0	0 1	n/r 120	
3CLL 0.0 *	Rep Stress Incr YES	WB 0.08	Horz(CT) 0.0	0 6	n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S				Weight: 50 lb FT = 20%
UMBER-	· · · ·		BRACING-			
TOP CHORD 2x4 SI BOT CHORD 2x4 SI			TOP CHORD		end verticals.	lirectly applied or 6-0-0 oc purlins,
VEBS 2x4 S	P No.2		BOT CHORD	Rigid c	eiling directly applied	l or 10-0-0 oc bracing.

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

REACTIONS. All bearings 12-2-6.

Max Uplift All uplift 100 lb or less at joint(s) 6, 2, 7 except 8=-104(LC 12) Max Grav All reactions 250 lb or less at joint(s) 6, 2 except 7=390(LC 1), 8=447(LC 23)

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

WEBS 4-7=-279/166, 3-8=-356/282

NOTES-

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) 0-3-15 to 4-8-11, Interior(1) 4-8-11 to 8-11-15, Exterior(2) 8-11-15 to 12-10-11 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) Gable requires continuous bottom chord bearing.

4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

5) * This truss has been designed for a live load of 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.

6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2, 7 except (it=lb) 8=104.

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

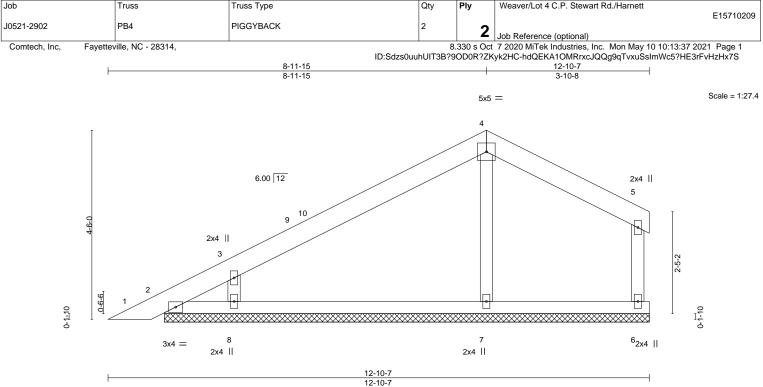


WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



⁽lb) -Max Horz 2=99(LC 12)

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



				12-10-7					1	
OADING (psf)	SPACING- 2-0	-0 CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.	15 TC	0.07	Vert(LL)	0.00	1	n/r	120	MT20	244/190
TCDL 10.0	Lumber DOL 1.	I5 BC	0.08	Vert(CT)	-0.00	1	n/r	120		
3CLL 0.0 *	Rep Stress Incr YI	S WB	0.03	Horz(CT)	0.00	6	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI201	4 Matr	ix-S						Weight: 121 lb	FT = 20%
UMBER-			I	BRACING- TOP CHOF	RD				rectly applied or 6-0-0 c	oc purlins,
3OT CHORD 2x4 SP WEBS 2x4 SP				BOT CHOP			end verti eiling dire		or 10-0-0 oc bracing.	

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

REACTIONS. All bearings 11-6-7

(lb) -Max Horz 2=99(LC 12)

Max Uplift All uplift 100 lb or less at joint(s) 6, 2, 7 except 8=-111(LC 12) Max Grav All reactions 250 lb or less at joint(s) 6, 2 except 7=391(LC 1), 8=455(LC 23)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. 4-7=-282/182, 3-8=-349/301 WEBS

- NOTES-1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
- Top chords connected as follows: 2x6 2 rows staggered at 0-9-0 oc, 2x4 1 row at 0-9-0 oc.
- Bottom chords connected as follows: 2x4 1 row at 0-9-0 oc. 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to

ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.

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

4) Wind: ASCE 7-10; Vult=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) 0-6-2 to 4-10-15, Interior(1) 4-10-15 to 8-11-15, Exterior(2) 8-11-15 to 12-7-3 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

5) Gable requires continuous bottom chord bearing.

6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

7) * This truss has been designed for a live load of 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.

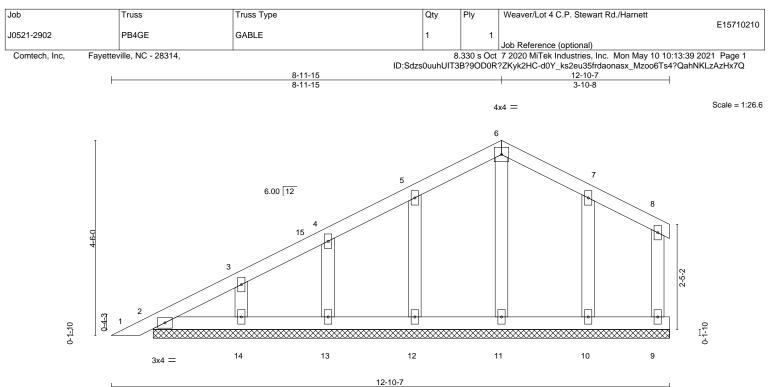
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 2, 7 except (it=lb) 8=111.

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



818 Soundside Road Edenton, NC 27932

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 MSIVTP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



12-10-7

LOADING (psf) TCLL 20.0 TCDL 10.0 BCDL 0.0 * BCDL	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IRC2015/TPI2014	CSI. TC 0.04 BC 0.02 WB 0.03 Matrix-S	DEFL. Vert(LL) 0.0 Vert(CT) 0.0 Horz(CT) 0.0	0 1	l/defl n/r n/r n/a	L/d 120 120 n/a	PLATES GRIP MT20 244/190 Weight: 60 lb FT = 20%
LUMBER- TOP CHORD 2x4 SP No.1 Maxim C BOT CHORD 2x4 SP No.1 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2 OTHERS 2x4 SP No.2			BRACING- TOP CHORD BOT CHORD	except e	end vertica	als.	irectly applied or 6-0-0 oc purlins, or 10-0-0 oc bracing.

REACTIONS. All bearings 11-10-14.

(lb) - Max Horz 2=153(LC 12)

Max Uplift All uplift 100 lb or less at joint(s) 9, 2, 12, 13, 14, 10 Max Grav All reactions 250 lb or less at joint(s) 9, 2, 11, 12, 13, 14, 10

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

NOTES-

10

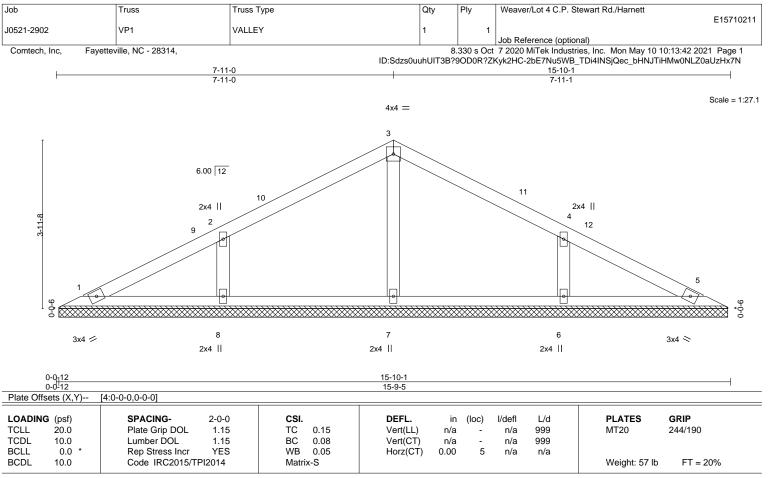
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=15ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-3-15 to 4-11-15, Interior(1) 4-11-15 to 8-11-15, Exterior(2) 8-11-15 to 12-7-3 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) 9, 2, 12, 13, 14,
- 10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.



ENGINEERING BY REENCO A MITEK Affiliate 818 Soundside Road

Edenton, NC 27932

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 sand truss system, see **Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



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

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.

REACTIONS. All bearings 15-8-9.

(lb) -Max Horz 1=48(LC 11)

Max Uplift All uplift 100 lb or less at joint(s) 1, 8, 6

Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=272(LC 1), 8=344(LC 23), 6=344(LC 24)

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

WEBS 2-8=-260/202, 4-6=-260/202

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) 0-7-13 to 5-0-10, Interior(1) 5-0-10 to 7-11-0, Exterior(2) 7-11-0 to 12-3-13, Interior(1) 12-3-13 to 15-2-4 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.

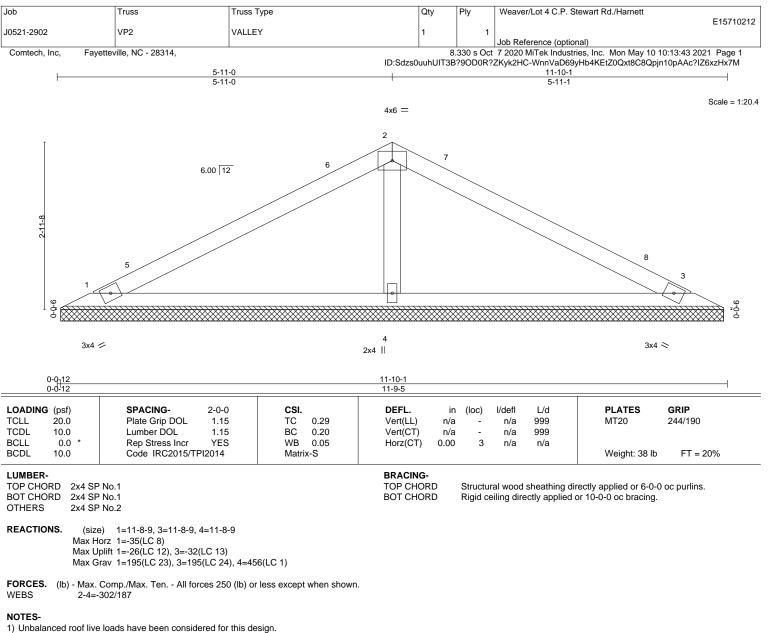
4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 8, 6. 6) Non Standard bearing condition. Review required.

2111111 MA Manuninini I SEAL 16673 MAR 1111 May 10,2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601





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) 0-7-13 to 5-0-10, Interior(1) 5-0-10 to 5-11-0, Exterior(2) 5-11-0 to 10-3-13, Interior(1) 10-3-13 to 11-2-4 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.

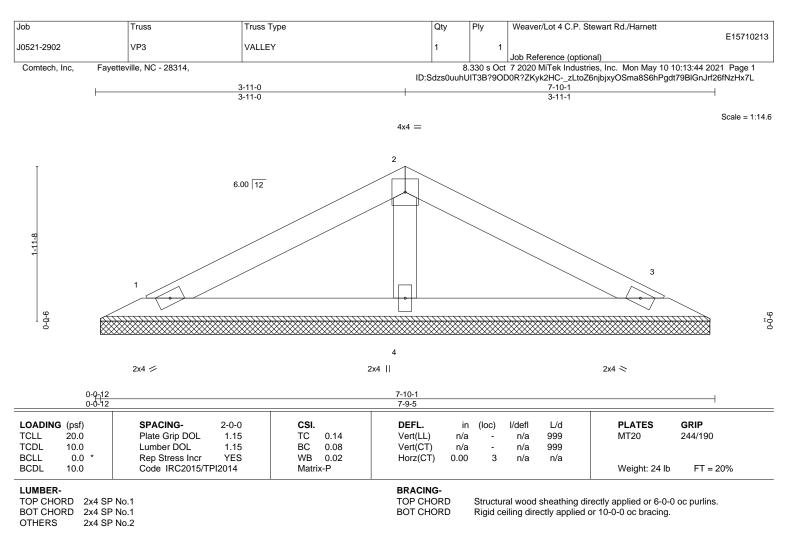
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

6) Non Standard bearing condition. Review required.



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 sand truss system. See **ANSI/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

818 Soundside Road Edenton, NC 27932



REACTIONS. (size) 1=7-8-9, 3=7-8-9, 4=7-8-9

Max Horz 1=-21(LC 10)

Max Uplift 1=-21(LC 12), 3=-25(LC 13)

Max Grav 1=133(LC 1), 3=133(LC 1), 4=256(LC 1)

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

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) 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.

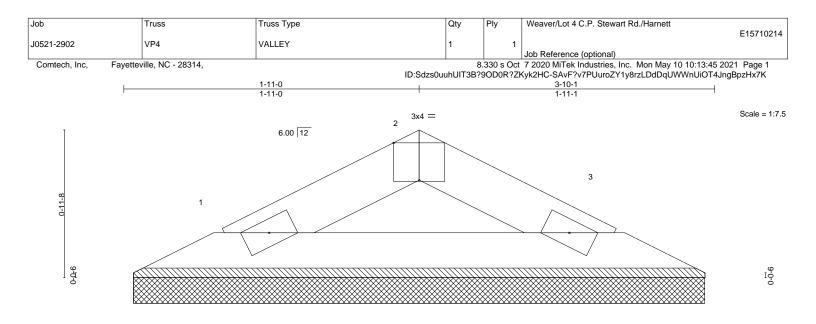
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.

6) Non Standard bearing condition. Review required.



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 sand truss systems, see **ANSI/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

818 Soundside Road Edenton, NC 27932



2x4 ⋍

2x4 📚

Plate Offsets (X,Y)	-b-12 [2:0-2-0,Edge]			3-9-5						
OADING (psf)	SPACING-	2-0-0 CS	1.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
CLL 20.0	Plate Grip DOL	1.15 TC	0.03	Vert(LL)	n/a	-	n/a	999	MT20	244/190
CDL 10.0	Lumber DOL	1.15 BC	0.06	Vert(CT)	n/a	-	n/a	999		
CLL 0.0 *	Rep Stress Incr	YES WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
CDL 10.0	Code IRC2015/TPI2	2014 Ma	trix-P	. ,					Weight: 10 lb	FT = 20%

REACTIONS. (size) 1=3-8-9, 3=3-8-9

Max Horz 1=8(LC 9) Max Uplift 1=-6(LC 12), 3=-6(LC 13)

Max Grav 1=101(LC 1), 3=101(LC 1)

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

NOTES-

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

- 2) Wind: ASCE 7-10; 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) 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) 1, 3.

6) Non Standard bearing condition. Review required.



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 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 MSIVTP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



