

Trenco 818 Soundside Rd Edenton, NC 27932

Re: 20090099 A&G RESIDENTIAL - 5SV

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Carter Components (Sanford, NC)).

Pages or sheets covered by this seal: E14920646 thru E14920661

My license renewal date for the state of North Carolina is December 31, 2020.

North Carolina COA: C-0844



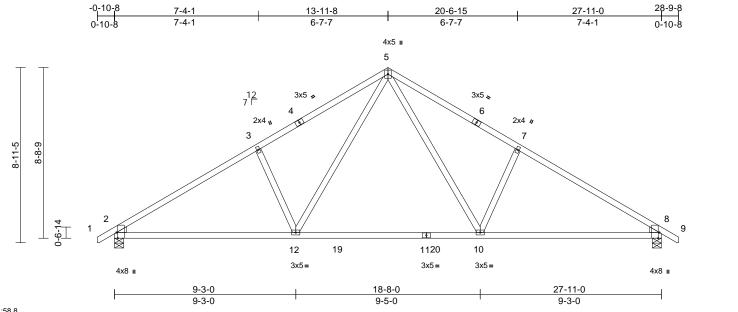
September 30,2020

Gilbert, Eric

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

Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	A01	Common	2	1	Job Reference (optional)	E14920646

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:25 ID:FthdW7wMPsyOVVLdvhw1EMyYffJ-Mock Me



Scale = 1:58.8 Plate Offsets (X, Y): [2:0-3-8,Edge], [8:0-3-8,Edge]

Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC201	8/TPI2014	CSI TC BC WB Matrix-MSH	0.75 1.00 0.19	DEFL Vert(LL) Vert(CT) Horz(CT)		(loc) 10-12 10-12 8	l/defl >999 >713 n/a		PLATES MT20 Weight: 136 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD BOT CHORD BOT CHORD	2x4 SP No.2 2x4 SP No.2 *Excep Left: 2x4 SP No.3 Right: 2x4 SP No.3 Structural wood shea 3-0-12 oc purlins. Rigid ceiling directly bracing. (size) 2=0-5-8, & Max Horiz 2=-162 (L Max Grav 2=1323 (L (lb) - Maximum Com Tension 1-2=0/32, 2-3=-1902 4-5=-1685/54, 5-6=- 7-8=-1902/0, 8-9=0/% 2-12=-45/1680, 12-1 11-20=0/1101, 10-20	athing directly applie applied or 1-4-12 o 3=0-5-8 C 13) .C 29), 8=1323 (LC pression/Maximum 2/0, 3-4=-1780/18, 1885/54, 6-7=-1780 32 9=0/1101, 11-19=0, 0=0/1101, 8-10=0/13	No.3 4) 5) ed or 6) 30) 7) 20/18, 1/1101, 559	Plate DOL=' DOL=1.15 P Exp.; Ce=0.9 Unbalanced design. This truss ha load of 12.0 overhangs n * This truss I on the bottoo 3-06-00 tall I chord and au This truss is International	7-16; Pr=20.0 psf 1.15); Pg=20.0 psf; late DOL=1.15); Is- 0; Cs=1.00; Ct=1.10 snow loads have b as been designed for psf or 2.00 times ff on-concurrent with nas been designed in chord in all areas by 2-00-00 wide will y other members, designed in accord Residential Codes and referenced stand Standard	Pf=13.9 =1.0; Rc een cor or greate at roof lc other liv for a liv s where I fit betw with BC lance wis sections	psf (Lum ugh Cat B; I sidered for t er of min roo bad of 13.9 p e loads. e load of 20. a rectangle een the bott DL = 10.0ps th the 2018 R502.11.1 a	Fully this of live osf on Opsf tom sf.					
this desig 2) Wind: AS Vasd=103	5-10=-29/856, 7-10= 3-12=-400/144 ed roof live loads have n. CE 7-16; Vult=130mph 3mph; TCDL=6.0psf; BK pB; Enclosed; MWFR	been considered fo (3-second gust) CDL=6.0psf; h=25ft;)r ;							G	in the	SEA 0363	• –

2) Wind: ASCE 7-16; Vult=130mpn (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.33

SEAL 036322 MGINEER A. GILAT

> 818 Soundside Road Edenton, NC 27932

Page: 1

Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	A02	Common	1	1	Job Reference (optional)	E14920647

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:28 ID:RtXmoaVuooLx5UHcW_FWVmyYfdH-Mock Me

Page: 1

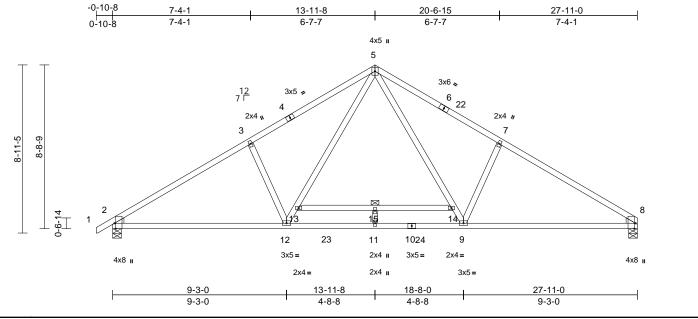


Plate Offsets (X, Y): [2:0-3-8,Edge], [8:0-3-8,Edge]

Scale = 1:61.3

			-										
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018	3/TPI2014	CSI TC BC WB Matrix-MSH	0.86 0.79 0.56	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.06 -0.35 0.05	(loc) 11-12 11 8	l/defl >999 >970 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 148 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEDGE BRACING TOP CHORD BOT CHORD BOT CHORD BOT CHORD WEBS WEBS	2x4 SP No.2 2x4 SP No.2 *Excep No.3 Left: 2x4 SP No.3 Right: 2x4 SP No.3 Structural wood she Rigid ceiling directly bracing. 1 Row at midpt (size) 2=0-5-8, 8 Max Horiz 2=159 (LC Max Grav 2=1268 (L (lb) - Maximum Com Tension 1-2=0/32, 2-3=-1896 4-5=-1626/0, 5-6=-1 7-22=-1739/0, 7-8=- 2-12=0/1554, 12-23 10-11=0/1095, 10-24 8-9=0/1557 5-14=0/759, 9-14=0/	C 14) C 2), 8=1216 (LC 2) pression/Maximum 50, 3-4=-1737/0, 629/0, 6-22=-1648/0, 1898/0 =0/1095, 11-23=0/109 4=0/1095, 9-24=0/109 705, 7-9=-392/155, 0/755, 3-12=-391/154,	SP 4) 5) . 6) 7) 8) 8) LO 5,	Plate DOL=1 DOL=1.15 P Exp.; Ce=0.2, Unbalanced design. This truss ha load of 12.0 overhangs n 200.0lb AC ut 13-11-8 from apart. * This truss is on the bottor 3-06-00 tall k chord and ar This truss is International	7-16; Pr=20.0 psf .15); Pg=20.0 psf; late DOL=1.15); Is- 0; Cs=1.00; Ct=1.10 snow loads have b us been designed for psf or 2.00 times fit on-concurrent with unit load placed on a left end, supporter has been designed in chord in all areas by 2-00-00 wide wil y other members. designed in accord Residential Code s and referenced stan Standard	Pf=13.5 =1.0; Ro een cor or great at roof lo other liv the bott d at two for a liv s where l fit betv lance w sections	e psf (Lum bugh Cat B; F nsidered for t er of min rool bad of 13.9 p re loads. om chord, points, 5-0-0 e load of 20.0 a rectangle reen the bott ith the 2018 s R502.11.1 a	Fully his f live sf on 0 0psf om		4		WITH CA	ROLIN
this design 2) Wind: AS(Vasd=103 Cat. II; Ex Exterior (2 vertical lef forces & N	ed roof live loads have n. CE 7-16; Vult=130mph mph; TCDL=6.0psf; Br p B; Enclosed; MWFR 2) zone; cantilever left a ft and right exposed;C- MWFRS for reactions s J plate grip DQI = 1 33.	(3-second gust) CDL=6.0psf; h=25ft; S (envelope) and C-C and right exposed ; en C for members and	d									SEA 0363	EER HUIL

Cat. II; Exp B; Enclosed; MWFRS (envelope) and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.33

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



GI minimum)

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Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	A03	Common	6	1	Job Reference (optional)	E14920648

8-11-5 8-8-9

Scale = 1:61.3

0-6-14

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:29 Page: 1 ID:DJjnS?1ZuqLwq?V0S91I9YyYfbI-Mock Me -0-10-8 0-10-8 7-4-1 13-11-8 20-6-15 27-5-8 6-7-7 6-7-7 7-4-1 6-10-9 4x5 II 5 12 7 Г 3x5 🖌 23 4 2x4 🏿 2x4 🗤 3 6 3x5 👟 7 8 ×. 0-10-1 15 <u>(</u>1⁄3 14 ۰. 1025 9 12 24 11 3x10 🛛 3x5 = 2x4 u 3x5 = 2x4 = 4x8 🛛 2x4 = 2x4 🛚 3x5= 9-3-0 13-11-8 18-8-0 27-5-8 9-3-0 4-8-8 4-8-8 8-9-8 Plate Offsets (X, Y): [2:0-3-8,Edge], [8:0-6-0,Edge]

Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018/TPI2014	CSI TC BC WB Matrix-MSH	0.99 0.80 0.60	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.08 -0.39 0.08	(loc) 9-11 9-11 8	l/defl >999 >846 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 149 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS SLIDER BRACING TOP CHORD BOT CHORD BOT CHORD BOT CHORD BOT CHORD WEBS	No.3 Left: 2x4 SP No.3 Right 2x6 SP No.2 Structural wood shea Rigid ceiling directly bracing. 1 Row at midpt (size) 2=0-5-8, 8 Max Horiz 2=159 (LC Max Grav 2=1248 (L (Ib) - Maximum Com Tension 1-2=0/32, 2-3=-1859 4-5=-1591/0, 5-23=- 6-7=-1773/0, 7-8=-3: 2-12=0/1523, 12-24= 10-11=0/1060, 10-25 8-9=0/1446 5-14=0/664, 9-14=0/	athing directly applied applied or 10-0-0 oc 13-14 = Mechanical 212) G 2), 8=1199 (LC 2) pression/Maximum /0, 3-4=-1700/0, 1529/0, 6-23=-1633/0 25/0 =0/1060, 11-24=0/106 =0/1060, 9-25=0/106 607, 6-9=-335/159, 0/762, 3-12=-389/154	Plate DOL= DOL=1.15 Exp.; Ce=0 4) Unbalanced design. 5) This truss f load of 12.0 overhangs 6) 200.0lb AC 13-11-8 fro apart. 7) * This truss on the botto 3-06-00 tall chord and a 8) Refer to gir 9) This truss is Internationa R802.10.2 LOAD CASE(S	E 7-16; Pr=20.0 psf 1.15); Pg=20.0 psf; Plate DOL=1.15); Is 9; Cs=1.00; Ct=1.11 I snow loads have b as been designed for psf or 2.00 times fil- non-concurrent with unit load placed on m left end, supporte has been designed im chord in all areas by 2-00-00 wide wil ny other members. der(s) for truss to tru- designed in accord I Residential Code and referenced stan) Standard	Pf=13.5 =1.0; Rc been cor or greate at roof k other lin the bott d at two for a liv s where l fit betw uss conr dance w sections	psf (Lum nugh Cat B; I sidered for t er of min roo bad of 13.9 p re loads. om chord, points, 5-0-1 e load of 20. a rectangle reen the bott rections. th the 2018 R502.11.1 a	Fully his f live osf on 0 0psf				NHTH CA	ROLINI
 this design Wind: ASC Vasd=103 Cat. II; Exp Exterior (2 vertical lef forces & M 	ed roof live loads have CE 7-16; Vult=130mph mph; TCDL=6.0psf; B6 p B; Enclosed; MWFRS !) zone; cantilever left at t and right exposed;C-1 WFRS for reactions sl plate grip DOL=1.33	(3-second gust) CDL=6.0psf; h=25ft; S (envelope) and C-C and right exposed ; er C for members and									SEA 0363 NGIN A. C Septembe	EER.KI

818 Soundside Road Edenton, NC 27932

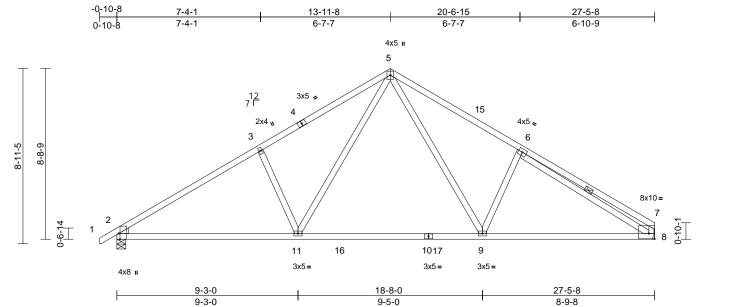
Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	A04	Common	8	1	Job Reference (optional)	E14920649

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:29 ID:DJjnS?1ZuqLwq?V0S91I9YyYfbI-Mock Me

Page: 1

September 30,2020

818 Soundside Road Edenton, NC 27932



Scale = 1:58.8

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

					-	· · · · ·						
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC		Vert(LL)	-0.31	9-11	>999	240	MT20	244/190
Snow (Pf/Pg)	13.9/20.0		1.15	BC	1.00	Vert(CT)	-0.46	9-11	>719	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.06	8	n/a	n/a		
BCLL	0.0*	Code	IRC2018/TPI2014	Matrix-MSH								
BCDL	10.0				-						Weight: 144 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS WEDGE BRACING TOP CHORD BOT CHORD WEBS REACTIONS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.2 2x4 SP No.2 *Excep No.3 Left: 2x4 SP No.3 Structural wood shea 3-2-10 oc purlins, e: Rigid ceiling directly bracing. 1 Row at midpt (size) 2=0-5-8, & Max Horiz 2=168 (LC Max Grav 2=1297 (L (lb) - Maximum Com Tension 1-2=0/32, 2-3=-1854 4-5=-1637/57, 5-15= 6-15=-1673/16, 6-7= 2-11=-47/1635, 11-1	applied or 2-2-0 oc 6-8 3= Mechanical C 14) C 29), 8=1247 (LC 30 pression/Maximum 40, 3-4=-1731/21, -1578/53, -545/60, 7-8=-409/56 6=0/1055, 10-16=0/10	Plate DO DOL=1. Exp.; Ce 4) Unbalar design. 5) This true load of 7 overhan 6) * This true on the b 3-06-00 chord an 7) Refer to 8) This true Internati R802.10 LOAD CAS	SCE 7-16; Pr=20.0 ps DL=1.15); Pg=20.0 ps 5 Plate DOL=1.15); I =0.9; Cs=1.00; Ct=1. cced snow loads have s has been designed 2.0 psf or 2.00 times gs non-concurrent wit iss has been designed bitom chord in all area tall by 2-00-00 wide w d any other members girder(s) for truss to t is designed in acco onal Residential Code. 2 and referenced sta :(S) Standard	f; Pf=13.5 s=1.0; Ro 10 been cor for great flat roof li h other lin d for a liv as where rill fit betv s, with BC russ conr rdance w e sections	e psf (Lum pugh Cat B; F nsidered for the er of min roof pad of 13.9 ps ve loads. e load of 20.0 a rectangle veen the botto DL = 10.0psf nections. ith the 2018 i R502.11.1 a	ully his live sf on Opsf				vveigni, 144 lb	
WEBS	10-17=0/1055, 9-17= 5-9=-27/758, 6-9=-3	=0/1055, 8-9=0/1431 33/153, 5-11=-30/857,									"TH CA	ROUT
	3-11=-401/145, 6-8=	-1304/0							/	S	O TAS	22 Juns
NOTES										2 R		W/
,	ed roof live loads have	been considered for							-		:2	K
this desigr									3		CEA	n 1 E -
	CE 7-16; Vult=130mph								=		SEA	• –
Cat. II; Ex Exterior (2 vertical lef forces & M	imph; TCDL=6.0psf; B0 p B; Enclosed; MWFR3 2) zone; cantilever left a t and right exposed;C- IWFRS for reactions sl plate grip DOL=1.33	S (envelope) and C-C and right exposed ; en C for members and	d						1110 C			EEP

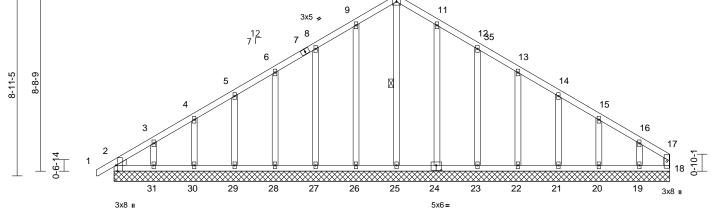
Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	A05	Common Supported Gable	2	1	Job Reference (optional)	E14920650

13-11-8 13-11-8

Carter Components (Sanford), Sanford, NC - 27332,

-0-10-8 0-10-8

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:30 Page: 1 ID:bRk42Dk?h86vFgm6DG3MMHyYfZ5-Mock Me 27-5-8 13-6-0 4x5= 10 9



27-5-8

Scale = 1:56.9 Plate Offsets (X, Y): [2:0-3-8,Edge], [24:0-3-0,0-3-0]

	x, 1): [2:0 0 0,20g0];	[2 1.0 0 0,0 0 0]								
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	1-11-4 1.15 1.15 YES IRC2018/TPI2014	CSI TC 0.06 BC 0.04 WB 0.15 Matrix-MSH	Vert(LL) n. Vert(CT) n.	/a i/a	loc) l/defl - n/a - n/a 18 n/a	L/d 999 999 n/a	PLATES MT20 Weight: 176 lb	GRIP 244/190 FT = 20%
	Left: 2x4 SP No.3 Structural wood she 6-0-0 oc purlins, ex Rigid ceiling directly bracing. 1 Row at midpt (size) 2=27-5-8, 20=27-5-1 23=27-5-1 23=27-5-1 246=27-5-1 29=27-5-1 32=27-5-1 Max Uplift 2=-48 (LC 19=-55 (L 21=-21 (L 26=-18 (L 28=-19 (L 30=-15 (L 30=-15 (L 32=-48 (L 19=160 (l 21=158 (l 23=169 (l 25=157 (L 29=159 (l	11,23-12:2x4 SP No.2 athing directly applied cept end verticals. applied or 10-0-0 oc 10-25 , 18=27-5-8, 19=27-5- 8, 24=27-5-8, 22=27-5 8, 27=27-5-8, 22=27-5 8, 27=27-5-8, 21=27-5 8, 27=27-5-8, 31=27-5 8, 27=27-5-8, 31=27-5 8 C 14), 32=163 (LC 14), C 16), 22=-19 (LC 16), C 16), 22=-19 (LC 16), C 16), 24=-16 (LC 16), C 16), 24=-16 (LC 15), C 15), 31=-40 (LC 15), C 15), 31=-40 (LC 15), C 11)	or BOT CHORD 8, WEBS -8, -8, -8, -8, -8, -8, -8, -8, -8,	(lb) - Maximum Compressi Tension 1-2=0/31, 2-3=-149/135, 3: 4-5=-118/108, 5-6=-108/10 7-8=-81/106, 8-9=-114/126 10-11=-139/140, 11-12=-1 12-35=-70/74, 13-35=-87/6 14-15=-47/27, 15-16=-53/3 17-18=-50/10 2-31=-70/80, 30-31=-44/61 28-29=-44/61, 27-28=-44/6 22-23=-43/61, 18-19=-43/6 10-25=-118/53, 9-26=-166 6-28=-119/43, 5-29=-119/4 3-31=-121/48, 11-22=-43/6 12-23=-130/45, 13-22=-11 14-21=-119/44, 15-20=-12 16-19=-115/56 ed roof live loads have been file E 7-16; Vult=130mph (3-see mph; TCDL=6.0psf; BCDL=6 D B; Enclosed; MWFRS (env) zone; cantilever left and rig and right exposed; C-C for r WFRS for reactions shown; plate grip DOL=1.33 gned for wind loads in the pl studs exposed to wind (norm ard Industry Gable End Deta qualified building designer as	-4=-127/115, 07, 6-7=-98/100, 5, 9-10=-139/145, 14/109, 58, 13-14=-62/48, 30, 16-17=-73/50, I, 29-30=-44/61, 51, 26-27=-44/61, 51, 23-24=-43/61, 51, 23-24=-43/61, 51, 20-21=-43/61, 51, 20-21=-53/61, 51, 20-21=-53/61, 51, 20-21=-53/61, 51, 20-21=-53/61, 51, 20-21=-53/61, 51, 20-21=-	5) 6) 7) 8) 9) 10) 11)	Plate DOL= DOL=1.15 F Exp.; Ce=0. Unbalanced design. This truss h load of 12.0 overhangs r All plates ar Gable requi Gable studs * This truss on the botto 3-06-00 tall chord and a One RT7A L truss to bea 28, 29, 30, 3	1.15); Plate D 9; Cs= I snow as bee psf or non-coo e 2x4 I res con s space has be e 2x4 I res con s space has be us con y 2-0 my oth USP or x i s for u	Pg=20.0 psf; Pf= OL=1.15); Is=1.1 -1.00; Ct=1.10 Ioads have been en designed for g 2.00 times flat m ncurrent with oth MT20 unless oth ntinuous bottom ad at 2-0-0 oc. sen designed for di n all areas wi 0-00 wide will fit er members. onnectors recom alls due to UPLIF 23, 22, 21, 20, plift only and do	0; Rough Cat B; Fully in considered for this greater of min roof live oof load of 13.9 psf on her live loads. herwise indicated. chord bearing. The live load of 20.0psf here a rectangle between the bottom immended to connect FT at jt(s) 2, 26, 27, 19, and 18. This es not consider lateral

"minimit September 30,2020

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Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	A05	Common Supported Gable	2	1	Job Reference (optional)	E14920650

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:30 ID:bRk42Dk?h86vFgm6DG3MMHyYfZ5-Mock Me Page: 2

12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard



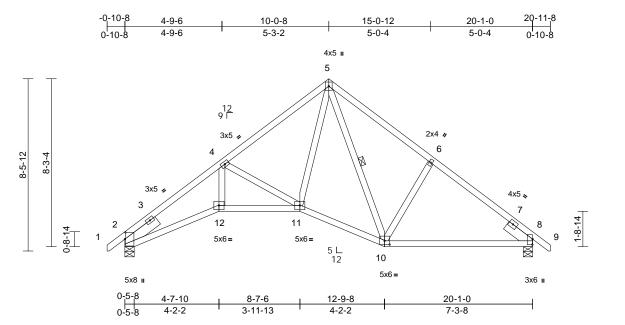
Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	B01	Roof Special	7	1	Job Reference (optional)	E14920651

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:31 ID:vsmRnse20BYGIB?X6Xvyv5yYfXw-Mock Me

Page: 1

September 30,2020

818 Soundside Road Edenton, NC 27932



Scale = 1:56.7

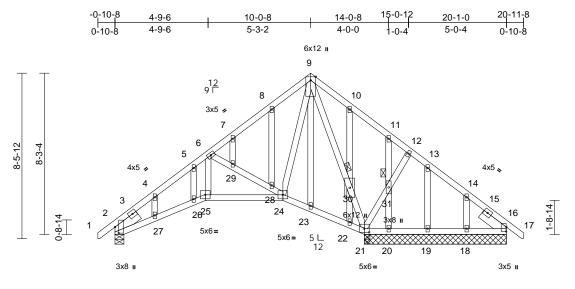
Plate Offsets (X, Y): [2:0-3-15,0-0-5], [8:0-3-4,0-0-3], [10:0-3-0,0-2-4]

Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018	3/TPI2014	CSI TC BC WB Matrix-MSH	0.58 0.89 0.26	DEFL Vert(LL) Vert(CT) Horz(CT)		(loc) 11-12 11-12 8	l/defl >999 >999 n/a		PLATES MT20 Weight: 117 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS SLIDER BRACING TOP CHORD BOT CHORD WEBS REACTIONS	2x4 SP No.2 2x4 SP No.3 *Except Left 2x6 SP No.2 2 1-6-0 Structural wood shea 3-5-10 oc purlins. Rigid ceiling directly bracing. 1 Row at midpt	-0-0, Right 2x6 SP I athing directly applie applied or 10-0-0 oc 5-10 =0-5-8 : 12)	No.2 No.2 4) _{d or 5)}	Plate DOL=1 DOL=1.15 P Exp.; Ce=0.9 This truss ha load of 12.0 overhangs n * This truss f on the bottor 3-06-00 tall b chord and ar Bearing at jo using ANSI/7 designer sho This truss is	7-16; Pr=20.0 psf .15); Pg=20.0 psf; late DOL=1.15); Is= ; Cs=1.00; Ct=1.10 s been designed for psf or 2.00 times fit con-concurrent with has been designed n chord in all areas by 2-00-00 wide will y other members. int(s) 2 considers p FPI 1 angle to grain uld verify capacity designed in accord Residential Code s	Pf=13.9 =1.0; Ro or greate at roof lo other liv for a liv where fit betv arallel t formula of beari ance w	p psf (Lum pugh Cat B; F er of min roof pad of 13.9 p: re loads. e load of 20.0 a rectangle veen the botto o grain value a. Building ng surface. th the 2018	ully live sf on Dpsf om					
FORCES	(lb) - Maximum Com Tension	pression/Maximum		R802.10.2 a	nd referenced stand								
TOP CHORD		371/63, 6-7=-985/11		OAD CASE(S)	Standard								
BOT CHORD	2-12=-73/1461, 11-1	2=-20/1327,										minin	unin.
WEBS	10-11=0/668, 8-10=0 4-12=0/552, 4-11=-6 5-10=-116/177, 6-10	58/111, 5-11=0/701	,								an'	RTHCA	P9L/1
NOTES	0 10- 110/111, 0 10	200/110								1	S 2	FESO	Wisin
	ed roof live loads have	been considered for								1			
Vasd=103 Cat. II; Ex Exterior (2 vertical lef forces & N	CE 7-16; Vult=130mph mph; TCDL=6.0psf; BC p B; Enclosed; MWFRS 2) zone; cantilever left a ft and right exposed;C-1 MWFRS for reactions sh 0 plate grip DOL=1.33	CDL=6.0psf; h=25ft; S (envelope) and C-(and right exposed ; e C for members and										Sea SEA 0363	EEP RUU

Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	B02	Roof Special Structural Gable	1	1	Job Reference (optional)	E14920652

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0-5-8	4-7-10	8-7-6	12-9-8	20-1-0	I
0-5-8	4-2-2	3-11-13	4-2-2	7-3-8	

Scale = 1:59.1 Plate Offsets (X, Y): [2:0-3-12,0-2-5], [16:0-2-12,0-0-3], [21:0-3-0,0-2-4]

Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Plate Grip DOL Lumber DOL Rep Stress Incr	1-11-4 1.15 1.15 YES IRC2018/TPI2014	BC 0	.25 Vert(CT) -(in (loc) 0.02 25 0.04 24-25 0.03 21	>999	L/d 240 180 n/a	PLATES MT20 Weight: 161 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS SLIDER BRACING TOP CHORD BOT CHORD JOINTS REACTIONS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 *Excep 2x4 SP No.3 *Excep Left 2x6 SP No.2 1 1-6-0 Structural wood shee 6-0-0 oc purlins. Rigid ceiling directly bracing. 1 Brace at Jt(s): 30, 31 (size) 2=0-5-8, 1 19=7-3-8, 36=7-3-8 Max Horiz 2=144 (LC Max Uplift 16=-141 (1-6-0, Right 2x6 SP No athing directly applied applied or 6-0-0 oc 16=7-3-8, 18=7-3-8, 20=7-3-8, 21=7-3-8,	 .2 WEBS or NOTES Unbalancec this design. Wind: ASCE Vasd=103m Cat. II; Exp Exterior (2) 	2-27=-103/571, 26-27= 25-26=-74/613, 24-25= 23-24=-67/113, 22-23= 21-22=-81/118, 20-21= 19-20=-194/18, 18-19= 16-18=-194/18 6-25=0/306, 6-29=-451 24-28=-538/123, 9-24= 21-30=-826/0, 9-23=-6 7-29=-22/0, 5-26=0/8, 10-30=-184/18, 22-30= 13-19=-61/45, 14-18=- 12-31=-85/12, 11-31=- d roof live loads have be 57-16; Vult=130mph (3 pph; TCDL=6.0psf; BCD B; Enclosed; MWFRS (20ne; cantilever left and	69/534, 62/105, 194/18, 194/18, /91, 28-29=-461/90, 35/444, 9-30=-682/ /48, 8-28=-133/57, 4-27=-69/32, 55/57, 20-31=-90/5 167/53, 21-31=-80/1 86/51 en considered for -second gust) uL=6.0psf; h=25ft; envelope) and C-C d right exposed ; end	on 3-C chr 9) Be usi de: 0, 10) On tru: 19, 2, noi 0, 11) Thi Inte R8 LOAD	the bottom 6-00 tall b ord and an aring at join ng ANS/IT. signer shore e RT7A U: ss to bearing and 18. T consider I is truss is of ernational 02.10.2 an CASE(S)	n chor y 2-00 y othent(s); PI 1 a uld ve SP cc ng wa his cc latera desigr Resid d refe Star	en designed for i di nall areas wh 0-00 wide will fit l er members. 2 considers para angle to grain for rify capacity of b ponnectors recomr alls due to UPLIF ponnection is for u I forces. ned in accordance lential Code sect erenced standard ndard	a live load of 20.0psf ere a rectangle between the bottom lilel to grain value mula. Building yearing surface. mended to connect T at jt(s) 2, 16, 20, plift only and does we with the 2018 ions R502.11.1 and d ANSI/TPI 1.
FORCES TOP CHORD	36=-141 (Max Grav 2=446 (LC 18=231 (LC 20=94 (LC 36=23 (LC (lb) - Maximum Com Tension 1-2=0/36, 2-3=-540/ 4-5=-613/50, 5-6=-5: 7-8=-141/65, 8-9=-1:	LC 31) C 2), 16=23 (LC 32), C 26), 19=101 (LC 32) C 32), 21=911 (LC 2), C 32) pression/Maximum 706, 3-4=-620/14, 51/57, 6-7=-166/54, 81/91, 9-10=0/316, =0/306, 12-13=0/285,	 vertical tert - forces & MV DOL=1.60 p 3) Truss desig only. For st see Standar or consult q 4) TCLL: ASC Plate DOL= DOL=1.15 F Exp.; Ce=0. 5) This truss h load of 12.0 overhangs r 6) All plates ar 	and right exposed;C-C f WFRS for reactions sho olate grip DOL=1.33 ned for wind loads in th tuds exposed to wind (n rd Industry Gable End I ualified building design F.7-16; Pr=20.0 psf (roc 1.15); Pg=20.0 psf; Pf= Plate DOL=1.15); Is=1.0 9; Cs=1.00; Ct=1.10 as been designed for g psf or 2.00 times flat rc non-concurrent with oth te 2x4 MT20 unless oth as spaced at 2-0-0 oc.	wn; Lumber e plane of the truss ormal to the face), Details as applicable, er as per ANSI/TPI 1 of LL: Lum DOL=1.1 13.9 psf (Lum y; Rough Cat B; Fully reater of min roof live of load of 13.9 psf o er live loads.	, , n			SEA 0363	

September 30,2020

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818 Soundside Road Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	B03	Common Girder	1	2	Job Reference (optional)	E14920653

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:32 ID:VSIjiLFTi3JPCdg5Pyo8o8yYfVr-Mock Me

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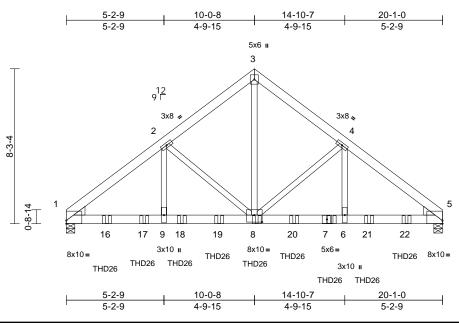


Plate Offsets (X, Y): [1:Edge,0-2-0], [5:Edge,0-2-0], [8:0-5-0,0-4-8]

Scale = 1:61.5

		1			· · · · · ·								
Loading	(psf)	Spacing	1-11-4		csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15		TC		Vert(LL)	-0.07	6-8	>999	240	MT20	244/190
Snow (Pf/Pg)	13.9/20.0	Lumber DOL	1.15		BC	0.42	Vert(CT)	-0.16	8-9	>999	180		
TCDL	10.0	Rep Stress Incr	NO		WB	0.77	Horz(CT)	0.04	5	n/a	n/a		
BCLL	0.0*	Code	IRC2018	3/TPI2014	Matrix-MSH								
BCDL	10.0											Weight: 299 lb	FT = 20%
LUMBER			3)	Unbalanced	roof live loads hav	/e been (considered fo	r					
TOP CHORD	2x6 SP No.2		,	this design.									
BOT CHORD	2x6 SP 2400F 2.0E		4)	Wind: ASCE	7-16; Vult=130mp	oh (3-seo	ond gust)						
WEBS	2x4 SP No.2 *Excep	t* 4-6,2-9:2x4 SP No	.3	Vasd=103mp	oh; TCDL=6.0psf;	BCDL=6	.0psf; h=25ft	;					
WEDGE	Left: 2x6 SP No.2	,		Cat. II; Exp E	3; Enclosed; MWF	RS (env	elope); cantile	ever					
	Right: 2x6 SP No.2			left and right	exposed ; end ve	rtical left	and right						
BRACING	0			exposed; Lui	mber DOL=1.60 p	late grip	DOL=1.33						
TOP CHORD	Structural wood she	athing directly applie	tor 5)	TCLL: ASCE	7-16; Pr=20.0 ps	f (roof LL	: Lum DOL=	1.15					
	5-4-14 oc purlins.		101		.15); Pg=20.0 psf								
BOT CHORD	 Rigid ceiling directly bracing. 	applied or 10-0-0 oc		Exp.; Ce=0.9	late DOL=1.15);	0	.						
REACTIONS	0	5-0 5 9	6)	* This truss h	nas been designed	d for a liv	e load of 20.0	Opsf					
REACTIONS	()			on the bottor	n chord in all area	s where	a rectangle						
	Max Horiz 1=-137 (L		、 、		y 2-00-00 wide wi		veen the botto	om					
	Max Grav 1=5979 (L	<i>,,</i>	·	chord and any other members.									
FORCES	(lb) - Maximum Com	pression/Maximum	7)	7) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and									
	Tension							ind					
TOP CHORD	1-2=-8028/0, 2-3=-5 4-5=-7819/0	579/0, 3-4=-5580/0,	9)		nd referenced star								
BOT CHORD		=0/6339, 9-17=0/633	a ()		/2 nails into Truss			t at					
201 0110112		=0/6339, 8-19=0/633			c. starting at 2-2-0			au					
	8-20=0/6204, 7-20=		.,		nect truss(es) to I								111
	,	=0/6204, 5-22=0/620	4	chord.		Suchiac	o or bottom					111110	
WEBS	3-8=0/6261, 4-8=-25				les where hanger	is in cor	tact with lum	ber				N'TH UT	ROUL
	2-8=-2519/0, 2-9=0/		,	AD CASE(S)	•						1	A	ich in
NOTES	,		1)		ow (balanced): Lur	mber Inc	rease=1.15	Plate			in	10000	Nin
	s to be connected toge	ther with 10d	•••	Increase=1						_		:07	W.
	b") nails as follows:			Uniform Loa							() j	· ×	
· ·	ds connected as follows	s [.] 2x6 - 2 rows			=-46, 3-5=-46, 10-	13-10				-		SEA	1
	d at 0-9-0 oc.					10= 10				=		01/	• -
	hords connected as foll	ows: 2x6 - 2 rows		Uniform Loads (lb/ft) Vert: 1-3=-46, 3-5=-46, 10-13=-19 Concentrated Loads (lb) Vert: 7=-915 (B), 8=-1022 (B), 16=-1022 (B), 17=-1022 (B), 18=-1022 (B), 19=-1022 (B), 20=-1022 (B), 21=-915 (B), 22=-915 (B)									22 : 3
	d at 0-7-0 oc.			Ven: /=-915 (B), 6=-1022 (B), 16=-1022 (B), 17=-1022 (B), 18=-1022 (B), 19=-1022 (B),									
	nected as follows: 2x4 -	1 row at 0-9-0 oc.		20=1022 (B), 21=915 (B), 22=915 (B)									- 1 S -
	are considered equally			20-1022	- (D), 21313 (D)	, 2291					20	S. SNOW	-FR. A S
	noted as front (F) or ba	٩D								1	S, GIN	EF. AN	
	section. Ply to ply conr									1	CA -	BEIN	
	to distribute only loads										Sontombo	allenin	
	herwise indicated.												IIII.
												Sontombo	* 20 2020

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



September 30,2020

Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	C01	Common Supported Gable	1	1	Job Reference (optional)	E14920654

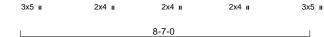
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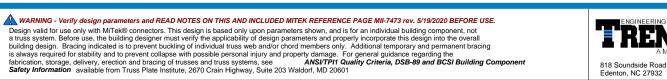
September 30,2020

-0-10-8 4-3-8 8-7-0 9-5-8 0-10-8 4-3-8 4-3-8 0-10-8 4x5 = 5 12 9 Г 2x4 🛛 2x4 🛛 4 6 3x5 💊 3-11-8 3x5 🍫 ø Ъ 3 7 8 2 0-8-14 9 12 11 10



Scale = 1:34.2

Loading TCLL (roof) Snow (Pf/Pg)	(psf) 20.0 13.9/20.0	Spacing Plate Grip DOL Lumber DOL	1-11-4 1.15 1.15		CSI TC BC	0.06 0.03	DEFL Vert(LL) Vert(CT)	in n/a n/a	(loc) - -	l/defl n/a n/a	L/d 999 999	PLATES MT20	GRIP 244/190
TCDL BCLL	10.0 0.0* 10.0	Rep Stress Incr Code	YES IRC2018/	TPI2014	WB Matrix-MP	0.03	Horz(CT)	0.00	8	n/a	n/a	Woight: 49 lb	ET - 20%
	1-6-0 Structural wood shea 6-0-0 oc purlins. Rigid ceiling directly bracing. (size) 2=8-7-0, 8 11=8-7-0, 17=8-7-0 Max Horiz 2=70 (LC Max Uplift 2=-2 (LC 12=-52 (LC 10=199 (I 12=202 (L 17=158 (L	3=8-7-0, 10=8-7-0, 12=8-7-0, 13=8-7-0, 12), 13=70 (LC 12) 14), 10=-50 (LC 14), C 13), 13=-2 (LC 14), C 13), 13=-2 (LC 24), C 26), 11=89 (LC 28), C 25), 13=158 (LC 2), C 2),	o.3 or 3) () () () () () () () () () () () () ()	Vasd=103mp Cat. II; Exp B Exterior (2) zc vertical left ar forces & MWI DOL=1.60 pla Truss designu only. For stuu see Standard or consult qua TCLL: ASCE Plate DOL=1. DOL=1.15 Pla Exp.; Ce=0.9 This truss has load of 12.0 p overhangs nc Gable require Gable studs s * This truss h	7-16; Vult=130mp h; TCDL=6.0psf; ; Enclosed; MWF one; cantilever lef d right exposed;(FRS for reactions ate grip DOL=1.3; ed for wind loads ds exposed to wir Industry Gable E alfied building der 7-16; Pr=20.0 psf; ate DOL=1.15); Is ; Cs=1.00; Ct=1.1 s been designed f or concurrent with spaced at 2-0-0 or as been designed o chord in all area:	BCDL=6 RS (envit t and rigi C-C for n shown; in the pla d (norm nd Detai signer as f (roof LL Pf=13.9 =1.0; Rc 0 or greate at roof lc other lin om chor c, for a liv	.0psf; h=25ft; elope) and C- tt exposed ; e members and Lumber ane of the true al to the face) Is as applicat per ANSI/TF : Lum DOL=1 psf (Lum ugh Cat B; F er of min roof pad of 13.9 ps re loads. d bearing. e load of 20.0	C end ss ble, ble, Pl 1. I.15 ully live sf on				Weight: 48 lb	FT = 20%
FORCES	(lb) - Maximum Com Tension 1-2=0/36, 2-3=-56/13			chord and an	y 2-00-00 wide wi y other members.							TH CA	Polit
BOT CHORD	4-5=-111/59, 5-6=-1 7-8=-54/13, 8-9=0/3	10/53, 6-7=-28/25,	1	truss to beari 10. This conn	SP connectors rea ng walls due to Ul lection is for uplift	PLIFT at	jt(s) 2, 12, ar			6	- in	PRESS	DA NA
WEBS NOTES	8-10=-13/48 5-11=-54/46, 4-12=- ed roof live loads have	150/68, 6-10=-151/66	10)	International	designed in accord Residential Code Id referenced star	sections	R502.11.1 a	nd		Contraction of the second s		SEA 0363	• -
											in the second se	SIC A. C	EER. X IN



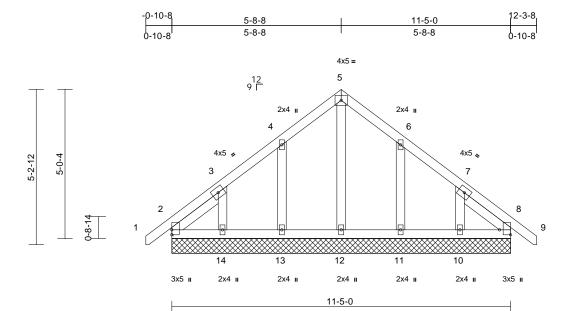
Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	D01	Common Supported Gable	1	1	Job Reference (optional)	E14920655

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818 Soundside Road Edenton, NC 27932



Scale = 1:38.8

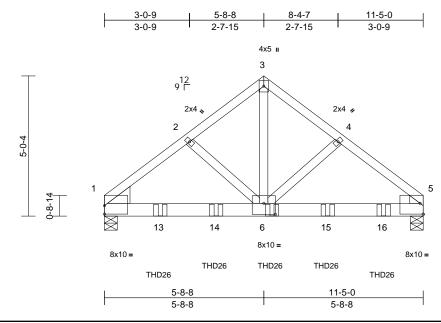
Plate Offsets (X, Y): [8:Edge,0-4-8]

Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL	(psf) 20.0 13.9/20.0 10.0 0.0*	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	1-11-4 1.15 1.15 YES IRC2018/TPI2014	CSI TC BC WB Matrix-MSH	0.02	DEFL Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 8	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20	GRIP 244/190
BCDL	10.0										Weight: 68 lb	FT = 20%
	2-0-1 Structural wood she 6-0-0 oc purlins. Rigid ceiling directly bracing. (size) 2=11-5-0, 11=11-5-0 14=11-5-(Max Horiz 2=89 (LC Max Uplift 2=-17 (LC 11=-31 (L 14=-46 (L Max Grav 2=133 (LC 10=152 (L 12=120 (L 19=132 (L)	 9), 10=-44 (LC 14), C 14), 13=-31 (LC 13), C 13), 15=-17 (LC 9) C 26), 8=132 (LC 2), LC 26), 11=171 (LC 26), LC 28), 13=172 (LC 26), LC 25), 15=133 (LC 26), 	Vasd=103 Cat. II; Ex Exterior (2 vertical lef forces & M DOL=1.60 or 3) Truss desi only. For see Stand or consult 4) TCLL: ASI Plate DOL -0, DOL=1.15 -0 Exp.; Ce= 5) This truss load of 12 , overhangs 6) Gable req 7) Gable stuc 5), an the bot b), 3-06-00 ta	CE 7-16; Vult=130rr mph; TCDL=6.0psf b B; Enclosed; MWV) zone; cantilever let t and right exposed WFRS for reaction plate grip DOL=1.3 gned for wind loads studs exposed to w ard Industry Gable qualified building d CE 7-16; Pr=20.0 ps Plate DOL=1.15); D.9; Cs=1.00; Ct=1. has been designed 0 psf or 2.00 times non-concurrent wi uires continuous bo ds spaced at 2-0-0 ds has been designed com chord in all are Il by 2-00-00 wide v any other members	BCDL=6 FRS (env ff and rig ;C-C for r s shown; as in the pl ind (norm End Deta sesigner as sf (roof LL f; Pf=13.9 (s=1.0; Rc 10 for great flat roof lu th other lin tom chor bc. d for a liv as where vill fit betw	.0psf; h=25ft; elope) and C- nt exposed ; e nembers and Lumber ane of the true al to the face) Is as applicat s per ANSI/TF : Lum DOL=1 psf (Lum pugh Cat B; F er of min roof pad of 13.9 ps re loads. d bearing. e load of 20.0 a rectangle	C end ss , , ole, , 11. 15 ully live sf on				ORTH C	AROI
FORCES	(lb) - Maximum Com Tension 1-2=0/36, 2-3=-38/2		, truss to be	USP connectors re aring walls due to l . This connection is	JPLIFT at	jt(s) 2, 13, 14	4,		4	i	OFES	No. No.
	4-5=-86/67, 5-6=-86 7-8=-30/24, 8-9=0/3	/60, 6-7=-56/24,	not consid	er lateral forces. is designed in acco			~				SE/	
BOT CHORD	2-14=-36/58, 13-14=	36/58, 12-13=-36/58 =-36/58, 8-10=-36/58	, Ínternatior	al Residential Code and referenced sta	e sections	R502.11.1 a	nd				0363	• •
WEBS		33/57, 3-14=-115/61,	LOAD CASE(S) Standard					-			
NOTES 1) Unbalance this design	ed roof live loads have											AFER AND

Jo	b	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20	0090099	D02	Common Girder	1	2	Job Reference (optional)	E14920656

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Scale = 1:41.3

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

Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Plate Grip DOL Lumber DOL Rep Stress Incr	1-11-4 1.15 1.15 NO IRC2018	3/TPI2014	CSI TC BC WB Matrix-MSH	0.26 0.42 0.81	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.05 -0.08 0.01	(loc) 6-9 6-9 1	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 136 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS WEDGE			3) 4)	this design. Wind: ASCE Vasd=103mp Cat. II; Exp E left and right	roof live loads have 7-16; Vult=130mph h; TCDL=6.0psf; B 8; Enclosed; MWFR exposed ; end verti	n (3-seo CDL=6 S (env ical left	cond gust) 5.0psf; h=25ft elope); cantil and right	;					
BRACING TOP CHORD BOT CHORD	 Structural wood sheat 6-0-0 oc purlins. Rigid ceiling directly 	athing directly applied of applied or 10-0-0 oc	_{or} 5)	TCLL: ASCE Plate DOL=1 DOL=1.15 P	nber DOL=1.60 pla 7-16; Pr=20.0 psf (.15); Pg=20.0 psf; I (ate DOL=1.15); Is= b; Cs=1.00; Ct=1.10	(roof LL Pf=13.9 :1.0; Ro	.: Lum DOL=) psf (Lum						
REACTIONS	bracing. (size) 1=0-5-8, 5 Max Horiz 1=-78 (LC Max Grav 1=3350 (L	30)	6)	* This truss h on the bottor 3-06-00 tall b	has been designed f n chord in all areas by 2-00-00 wide will ny other members.	for a liv where	a rectangle	•					
FORCES	(lb) - Maximum Comp Tension 1-2=-3639/0, 2-3=-35		7)	This truss is International	designed in accord Residential Code s	ections	R502.11.1 a	and					
BOT CHORD	4-5=-3655/0 1-13=-301/2938, 13-		8)	12-10d x 1-1 2-0-0 oc max	D26 (With 18-16d r /2 nails into Truss) c. starting at 2-0-0 fr nnect truss(es) to ba	or equi rom the	valent space left end to	d at					111
WEBS	3-6=0/4064, 2-6=-14	6/67, 4-6=-207/47		chord.								WHY CA	Pall
NOTES			'		les where hanger is	s in cor	tact with lum	ber.			N	RIFION	A March
(0.131"x3 Top chord oc. Bottom cl staggered Web com 2) All loads	is to be connected toget ") nails as follows: ds connected as follows hords connected as follows d at 0-8-0 oc. nected as follows: 2x4 - are considered equally a noted as front (F) or bac	1)	Increase=1 Uniform Loa Vert: 1-3 Concentrate	w (balanced): Lum 15 ads (lb/ft) =-46, 3-5=-46, 7-10 ed Loads (lb) 915 (B), 13=-915 (E	=-19				Continue		SEA 0363	• -	

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

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



A. GILB

A. GILDIN September 30,2020

C

Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	J01	Monopitch	5	1	Job Reference (optional)	E14920657

2-3-3

0-6-5

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:34 ID:6aurlRHEMMLikIxBhXII3MyYfTE-Mock Me

2x4 II

2-2-7

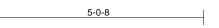
Page: 1

3x5 🛛 12 4 Г 3 2 0 0]5 4

5-0-8 5-0-8

3x5 =

-0-10-8 0-10-8



Scale = 1:28.1

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

	A, T). [3.0-2-6,0-1-4]												
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC201	8/TPI2014	CSI TC BC WB Matrix-MP	0.26	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.03 -0.05 0.01	(loc) 5-8 5-8 2	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 19 lb	GRIP 244/190 FT = 20%
FORCES TOP CHORD BOT CHORD NOTES 1) Wind: ASC Vasd=1030 Cat. II; Exy Exterior (2 vertical left exposed;C reactions s DOL=1.33 2) TCLL: ASC Plate DOL DOL=1.15 Exp.; Ce=(3) Unbalance design. 4) This truss load of 12.	Max Horiz 2=57 (LC Max Uplift 2=-66 (LC Max Grav 2=284 (LC (lb) - Maximum Com Tension 1-2=0/20, 2-3=-60/11 2-5=-45/123, 4-5=0/12 CE 7-16; Vult=130mph mph; TCDL=6.0psf; Bf b; Enclosed; MWFR: b; Enclosed; MWFR: b; and right exposed; pc -C for members and fishown; Lumber DOL=	cept end verticals. applied or 10-0-0 or 3= Mechanical 14) 11), 3=-43 (LC 11) 22), 3=218 (LC 22) pression/Maximum 02, 3-5=-13/68 0 (3-second gust) CDL=6.0psf; h=25ft; S (envelope) and C- and right exposed; e orch left and right proces & MWFRS for I.60 plate grip roof LL: Lum DOL=1 2f=13.9 psf (Lum 1.0; Rough Cat B; F een considered for th	2 8)) 9) 1(L(C end 1.15 ully is live	on the botton 3-06-00 tall b chord and an Refer to girdd Provide mecl bearing plate 3. 0 One RT7A U truss to beari connection is forces. 0 This truss is International R802.10.2 ar 00 Gap betweer	has been designed in chord in all areas by 2-00-00 wide will by other members. er(s) for truss to tru- hanical connection is capable of withsta SP connectors rec ing walls due to UF is for uplift only and designed in accord Residential Code is in riside of top chor ertical web shall no Standard	s where Il fit betw uss conr (by oth anding 4 commen PLIFT at does no dance wi sections dard AN rd bearir	a rectangle veen the botto ections. ers) of truss t 3 lb uplift at j ded to conne jt(s) 2. This ot consider la th the 2018 R502.11.1 a SI/TPI 1. g and first	co oint cct teral				SEA 0363	• –

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

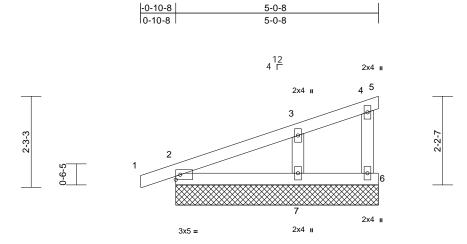
818 Soundside Road Edenton, NC 27932

A. GILB A. GILDIN September 30,2020

Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	J02	Monopitch Supported Gable	1	1	Job Reference (optional)	E14920658

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:36 ID:qVVdrsPV0RcHxqi6GdTeTTyYfT4-Mock Me

Page: 1



5-0-8

Scale = 1:28.7

Scale = 1:28.7															
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	1	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	1-11- 1.15 1.15 YES IRC2	-4 :018/TPI2014	CSI TC BC WB Matrix-MP	0.10 0.06 0.04	DEFL Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 5	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 21 lb	GRIP 244/190 FT = 20%	
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD REACTIONS	5-0-8 oc Rigid ceil bracing. (size) Max Horiz	lo.2 lo.3 lo.3 ll wood shea purlins, exc ling directly 2=5-0-8, 5 7=5-0-8, 6 2=56 (LC 2=-18 (LC (LC 11), 7	athing directly applie cept end verticals. applied or 10-0-0 oc 5=5-0-8, 6=5-0-8, 3=5-0-8 14), 8=56 (LC 14) : 11), 5=-2 (LC 12), 6 =-15 (LC 15), 8=-18	c 6=-3	 Plate DOL=: DOL=1.15 F Exp.; Ce=0. Unbalanced design. This truss ha load of 12.0 Gable requii Gable requii Gable studs * This truss on the botto 3-06-00 tall chord and a One RT7A L 	5 7-16; Pr=20.0 p 1.15); Pg=20.0 p 1.15); Pg=2	sf; Pf=13.9 Is=1.0; Rc .10 e been cor d for great f flat roof li ith other lim bottom chor oc. ed for a liv eas where will fit betv 's.	e) psf (Lum bugh Cat B; F nsidered for t er of min rool bad of 13.9 p ve loads. d bearing. e load of 20. a rectangle veen the bott ded to conne	Fully his f live sf on Opsf com						
FORCES TOP CHORD	(lb) - Max Tension	(LC 22), 7 22) kimum Com , 2-3=-42/6	C 22), 5=9 (LC 22), 6 =265 (LC 22), 8=17 pression/Maximum 7, 3-4=-36/34, 4-5=-3	9 (LC	This connect lateral forces 10) One RT16A truss to beat connection i forces.		nly and do recomme UPLIFT at nd does no	nded to consident nded to conr t jt(s) 5. This of consider la	der nect						
BOT CHORD WEBS	2-7=-38/6 3-7=-194	64, 6-7=-30/	/33		International	Residential Cod	le sections	8 R502.11.1 a	and				"ATH CA	RO	
NOTES	5-7=-134	42			LOAD CASE(S)			NOI/1111.				3.	OVEESS	SIGN	3
Vasd=103 Cat. II; Ex Exterior (2 vertical lef forces & M DOL=1.60 2) Truss des only. For see Stand	mph; TCDL p B; Enclos 2) zone; can t and right (MWFRS for plate grip l igned for wi studs exposi ard Industry	_=6.0psf; B0 ed; MWFR3 ntilever left a exposed;C- reactions sl DOL=1.33 ind loads in sed to wind y Gable End	(3-second gust) CDL=6.0psf; h=25ft; S (envelope) and C-tand right exposed; e C for members and hown; Lumber the plane of the trus (normal to the face) d Details as applicat more as part ANS/ICE	C end ss), ole,							N. CHILLING		SEA 0363		

- Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.33
- Truss designed for wind loads in the plane of the truss 2) 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.

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

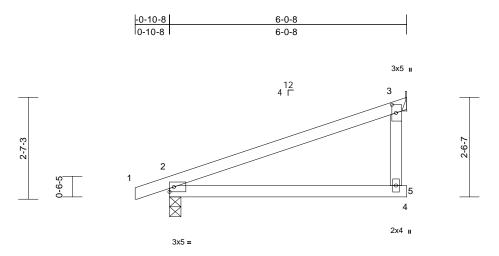


GILB

September 30,2020

Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	J03	Monopitch	2	1	Job Reference (optional)	E14920659

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:36 ID:q2YU_Upq?uuS03IeGm4dreyYfSY-Mock Me Page: 1



6-0-8

Scale = 1:29.4

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

	(,,, ,). [0:0 2 0;0 1 1]												
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018	3/TPI2014	CSI TC BC WB Matrix-MP	0.41	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.07 -0.12 0.02	(loc) 5-8 5-8 2	l/defl >989 >572 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 23 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD FORCES TOP CHORD BOT CHORD BOT CHORD BOT CHORD NOTES	2x4 SP No.2 2x4 SP No.3 Structural wood she 6-0-0 oc purlins, exi Rigid ceiling directly bracing. (size) 2=0-3-8, 3 Max Horiz 2=67 (LC Max Uplift 2=-75 (LC Max Grav 2=307 (LC (lb) - Maximum Com Tension 1-2=0/20, 2-3=-76/13	cept end verticals. applied or 10-0-0 oc 3= Mechanical 14) : 11), 3=-54 (LC 11) : 22), 3=266 (LC 22) pression/Maximum 33, 3-5=-17/83	; 8) , 9) 10	on the botton 3-06-00 tall I chord and an Refer to gird Provide mec bearing plate 3. One RT7A L truss to bear connection is forces. This truss is International R802.10.2 a) Gap betwee	has been designe in chord in all area by 2-00-00 wide w ny other members er(s) for truss to thanical connection e capable of withs USP connectors re- ing walls due to L s for uplift only an designed in accoor Residential Code and referenced sta in inside of top cho- vertical web shall Standard	as where vill fit betw s. russ conn on (by oth- itanding 5 ecommen- JPLIFT at d does no rdance wi e sections indard AN ord bearin	a rectangle een the botto ections. ers) of truss t 4 lb uplift at j ded to conne tt (s) 2. This t consider la th the 2018 R502.11.1 a SI/TPI 1. g and first	om to joint ect teral					
Vasd=103 Cat. II; Ex Exterior (2 vertical lef exposed; reactions : DOL=1.33 2) TCLL: AS Plate DOL DOL=1.15 Exp.; Ce=	CE 7-16; Vult=130mph mph; TCDL=6.0psf; Br p; B; Enclosed; MWFR3 2) zone; cantilever left at ft and right exposed; pr C-C for members and for shown; Lumber DOL=' 3 CE 7-16; Pr=20.0 psf; F 5 Plate DOL=1.15); Is= -0.9; Cs=1.00; Ct=1.10 ed snow loads have be	CDL=6.0psf; h=25ft; S (envelope) and C-0 and right exposed ; e orch left and right prces & MWFRS for I.60 plate grip roof LL: Lum DOL=1 f=13.9 psf (Lum 1.0; Rough Cat B; Fu	.15 Jlly							Annual Contraction	A A A	OR FESS SEA 0363	• –

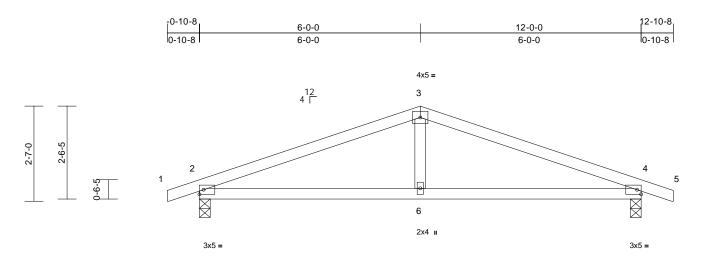
design.4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 13.9 psf on overhangs non-concurrent with other live loads.

September 30,2020



Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
20090099	S01	Common	3	1	Job Reference (optional)	E14920660

Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:37 ID:0imVRtM3PjZ4wzFHOjOAA7yYfRr-Mock Me



				6-0-0					12-0-0			4
Scale = 1:31.3			I	6-0-0		I			6-0-0			Ι
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL	(psf) 20.0 13.9/20.0 10.0 0.0*	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018/TPI2014	CSI TC BC WB Matrix-MSH	0.52 0.38 0.07	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.04 -0.07 0.01	(loc) 6-9 6-9 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20	GRIP 244/190
BCLL BCDL	10.0	Code	IRC2016/1F12014								Weight: 43 lb	FT = 20%
UMBER OP CHORD 2 VEBS 2 SRACING OP CHORD 3 SOT CHORD 4 REACTIONS (S M M CORCES (OP CHORD 2 COP CHORD 2 VEBS 3 OTES) Unbalanced this design. 2) Wind: ASCE Vasd=103mp	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 Structural wood she: 5-5-5 oc purlins. Rigid ceiling directly bracing.	applied or 10-0-0 oc I=0-3-8 16) C 11), 4=-125 (LC 1: C 2), 4=531 (LC 2) pression/Maximum 172, 3-4=-815/172, 129/718 been considered for (3-second gust) CDL=6.0psf; h=25ft;	 load of 12. overhangs * This trus on the bot 3-06-00 ta chord and 7) One RT74 truss to be This conn- lateral forc 8) This truss Internation 802.10.2 LOAD CASE(is designed in accornal Residential Code and referenced sta	flat roof k h other liv d for a liv as where vill fit betw commen JPLIFT at ly and do rdance w e sections	bad of 13.9 p ve loads. e load of 20. a rectangle veen the bott ded to conne jt(s) 2 and 4 es not consi ith the 2018 R502.11.1 a	osf on Opsf tom ect I. der				WITH CA	Routin
vertical left a exposed;C-C reactions sho DOL=1.33 3) TCLL: ASCE Plate DOL=1 DOL=1.15 Pl Exp.; Ce=0.9	zone; cantilever left a and right exposed; pc C for members and f own; Lumber DOL=1 E 7-16; Pr=20.0 psf (1.15); Pg=20.0 psf; F 'late DOL=1.15); Is= 9; Cs=1.00; Ct=1.10 snow loads have be	orch left and right orces & MWFRS for I.60 plate grip roof LL: Lum DOL=1 Y=13.9 psf (Lum 1.0; Rough Cat B; Fu	.15 ully								SEA 0363	EER AL

Septemb September 30,2020

Page: 1



-	Job	Truss	Truss Type	Qty	Ply	A&G RESIDENTIAL - 5SV	
:	20090099	S02	Common Supported Gable	1	1	Job Reference (optional)	E14920661

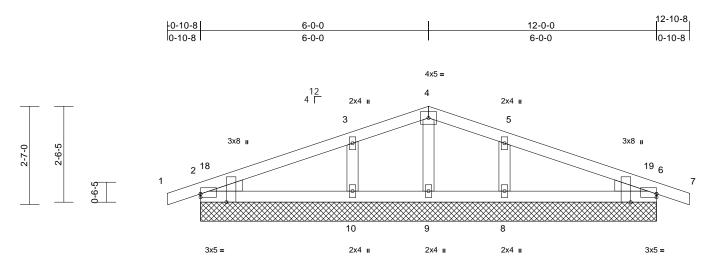
Run: 8.42 S Aug 25 2020 Print: 8.420 S Aug 25 2020 MiTek Industries, Inc. Tue Sep 29 22:07:38 ID:jdNHXITK2nqf6W0C_qZWaEyYfRh-Mock Me

12-0-0

Page: 1

September 30,2020

818 Soundside Road Edenton, NC 27932



Scale = 1:30.3

Plate Offsets (X, Y): [2:Edge,0-1-1], [2:0-2-10,Edge], [6:Edge,0-1-1], [6:0-2-10,Edge]

Plate Offsets (X, Y): [2:Edge,0-1-1],	[2:0-2-10,Edge], [6:Ed	lge,0-1-1], [6:0-2-10,Ec	lge]								
Loading TCLL (roof) Snow (Pf/Pg) TCDL BCLL BCDL	(psf) 20.0 13.9/20.0 10.0 0.0* 10.0	Plate Grip DOL Lumber DOL Rep Stress Incr	1-11-4 1.15 1.15 YES IRC2018	3/TPI2014	CSI TC BC WB Matrix-MSH	0.15 0.17 0.05	DEFL Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - 2	l/defl n/a n/a n/a		PLATES MT20 Weight: 49 lb	GRIP 244/190 FT = 20%
	2x4 SP No.3 Left: 2x4 SP No.2 Right: 2x4 SP No.2 Structural wood she: 6-0-0 oc purlins. Rigid ceiling directly bracing. (size) 2=12-0-0, 9=12-0-0, 15=12-0-0 Max Horiz 2=-21 (LC Max Uplift 2=-23 (LC 8=-18 (LC 10=-19 (L 15=-26 (L Max Grav 2=221 (LC (LC 23), 9	C 16), 11=-21 (LC 16) C 11), 6=-26 (LC 12), C 16), 9=-19 (LC 23), C 15), 11=-23 (LC 11),	or 3) 4) , 5) 6) 250 7) LC 8)	Vasd=103mp Cat. II; Exp E Exterior (2) z vertical left af forces & MW DOL=1.60 pl Truss design only. For stu see Standard or consult qu TCLL: ASCE Plate DOL=1 DOL=1.15 Pl Exp.; Ce=0.5 Unbalanced design. This truss ha load of 12.0 j overhangs n Gable requir Gable studs	7-16; Vult=130mp bh; TCDL=6.0psf; E 8; Enclosed; MWFF one; cantilever left nd right exposed; C FRS for reactions ate grip DOL=1.33 ed for wind loads i ds exposed to wind l Industry Gable En alified building des 7-16; Pr=20.0 psf; 15); Pg=20.0 psf; 15); Pg=20.0 psf; (5); Pg=20.0 psf; (5); Pg=20.0 psf; (5); Pg=20.0 psf; (5); Cs=1.00; Ct=1.10; (5); Cs=1.00; Ct=1.11; (5); Cs=1.00; Ct=1.10; (5); Cs=1.00; Ct=1.10; Ct=1.10;(5); Cs=1.00; C	SCDL=6 S (env and rig C-C for r shown; n the pl d (norm nd Deta igner a: (roof Ll Pf=13.9 =1.0; Rc D cof great at roof li other lip other lip other lip other lip	.0psf; h=25ft; elope) and C- ht exposed ; e nembers and Lumber ane of the trus al to the face) ils as applicat s per ANSI/TF .: Lum DOL=1 9 psf (Lum ough Cat B; Fi asidered for th er of min roof pad of 13.9 ps /e loads. d bearing.	C end ss , , ole, , 1.1. 1.15 ully is live sf on					
FORCES	2-3=-112/23, 3-4=-1	, 2-18=-85/0, 26/37, 4-5=-126/35,	10	3-06-00 tall b chord and ar	n chord in all areas by 2-00-00 wide wil by other members. SP connectors rec	l fit betv	veen the botto			4	A. I.	ORIFESS	Maria
BOT CHORD WEBS NOTES 1) Unbalance this design	4-9=-5/32, 3-10=-23 ed roof live loads have	94, 8-9=0/94, 6-8=0/94 7/46, 5-8=-237/45	11	and 8. This c consider late) This truss is International	designed in accord Residential Code and referenced stan	lift only lance w sections	and does not ith the 2018 R502.11.1 a					SEA 0363	EER R

