

RE: J1122-5623 Wellco/Lot 125 Hidden Lakes/Harnett

Site Information:

Customer: Project Name: J1122-5623 Lot/Block: Address: City:

Model: Subdivision: State:

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

Design Code: IRC2015/TPI2014 Wind Code: ASCE 7-10 Roof Load: 40.0 psf Design Program: MiTek 20/20 8.4 Wind Speed: 130 mph Floor Load: N/A psf

This package includes 12 individual, dated Truss Design Drawings and 0 Additional Drawings.

No.	Seal#	Truss Name	Date
1	154214359	A1	9/15/2022
2	154214360	A2	9/15/2022
3	154214361	B1	9/15/2022
4	154214362	B1GE	9/15/2022
5	154214363	B2	9/15/2022
6	154214364	B2GE	9/15/2022
7	154214365	B3	9/15/2022
8	154214366	C1	9/15/2022
9	154214367	C1GE	9/15/2022
10	154214368	C2	9/15/2022
11	154214369	C3	9/15/2022
12	154214370	M1GE	9/15/2022

The truss drawing(s) referenced above have been prepared by

Truss Engineering Co. under my direct supervision

based on the parameters provided by Comtech, Inc - Fayetteville.

Truss Design Engineer's Name: Gilbert, Eric

My license renewal date for the state of North Carolina is December 31, 2022

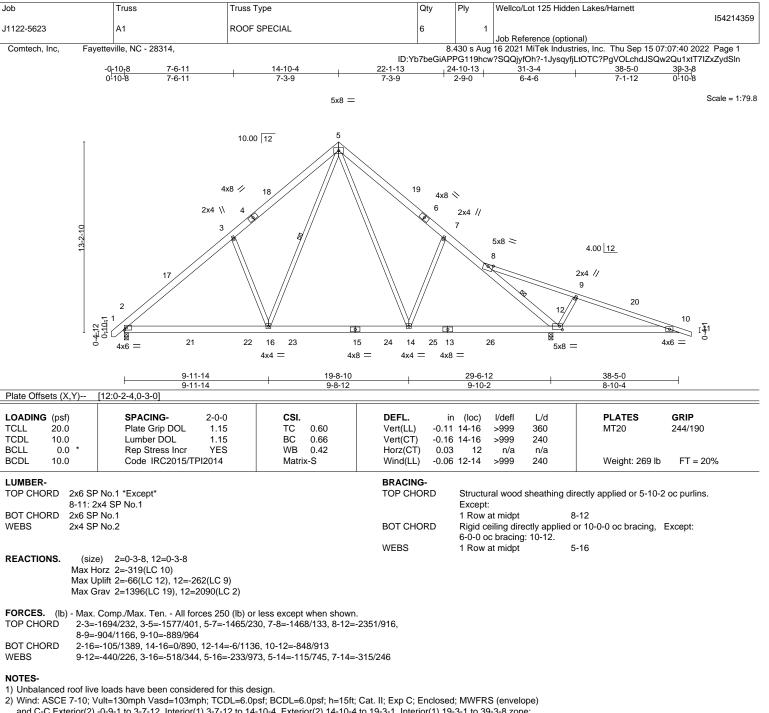
North Carolina COA: C-0844

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 TRENCO. Any project specific information included is for TRENCO customers file reference purpose only, and was not taken into account in the preparation of these designs. 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.



Gilbert, Eric

Trenco 818 Soundside Rd Edenton, NC 27932



and C-C Exterior(2) -0-9-1 to 3-7-12, Interior(1) 3-7-12 to 14-10-4, Exterior(2) 14-10-4 to 19-3-1, Interior(1) 19-3-1 to 39-3-8 zone; cantilever right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

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

4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 66 lb uplift at joint 2 and 262 lb uplift at joint 12.

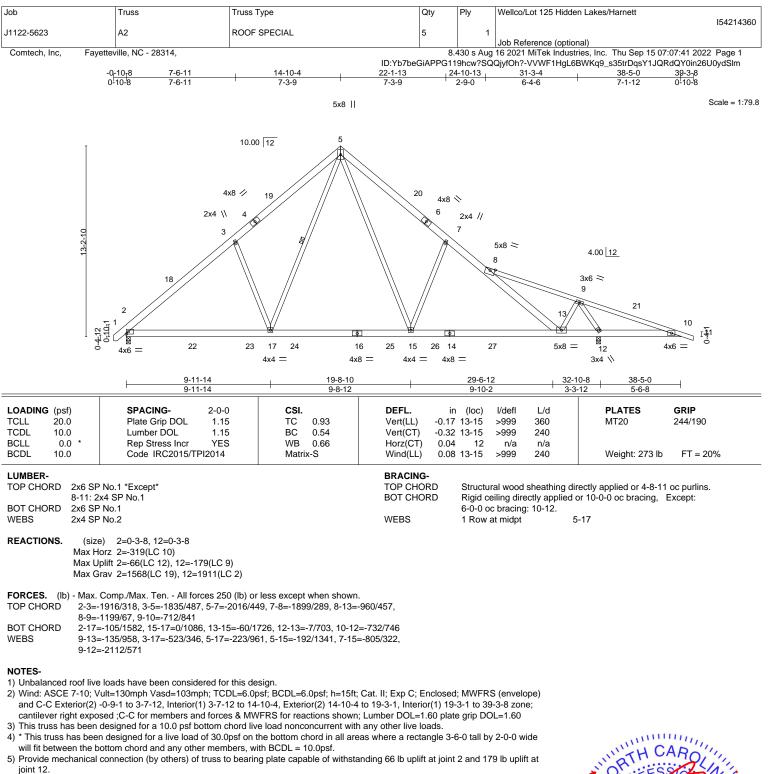
6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

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





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 MSI/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



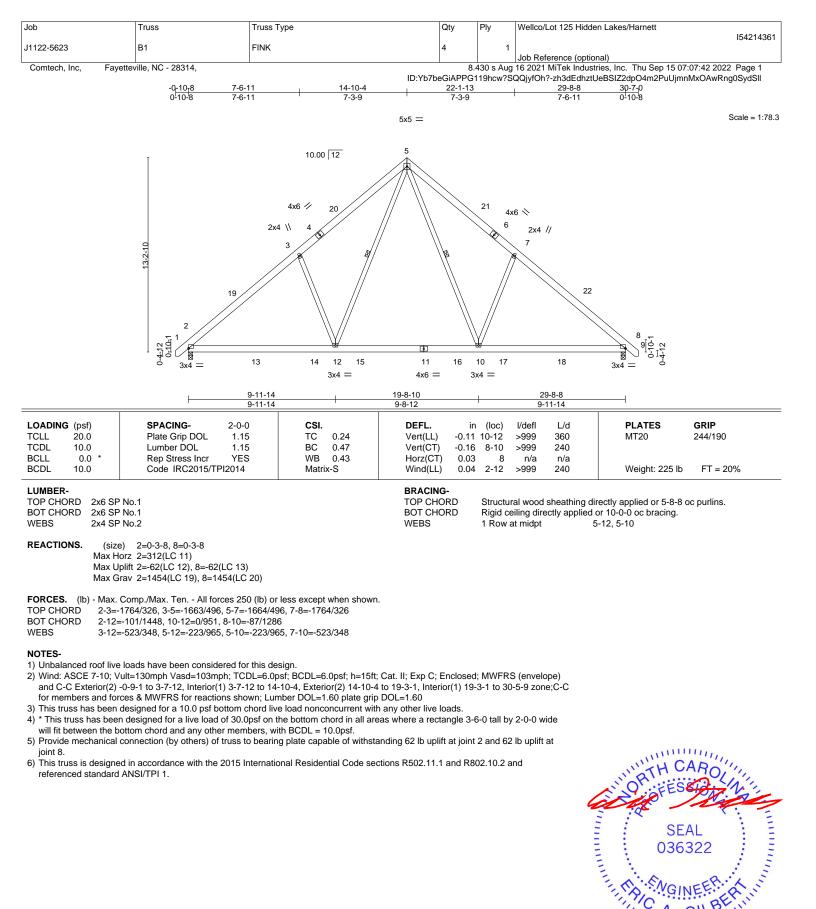
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7) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



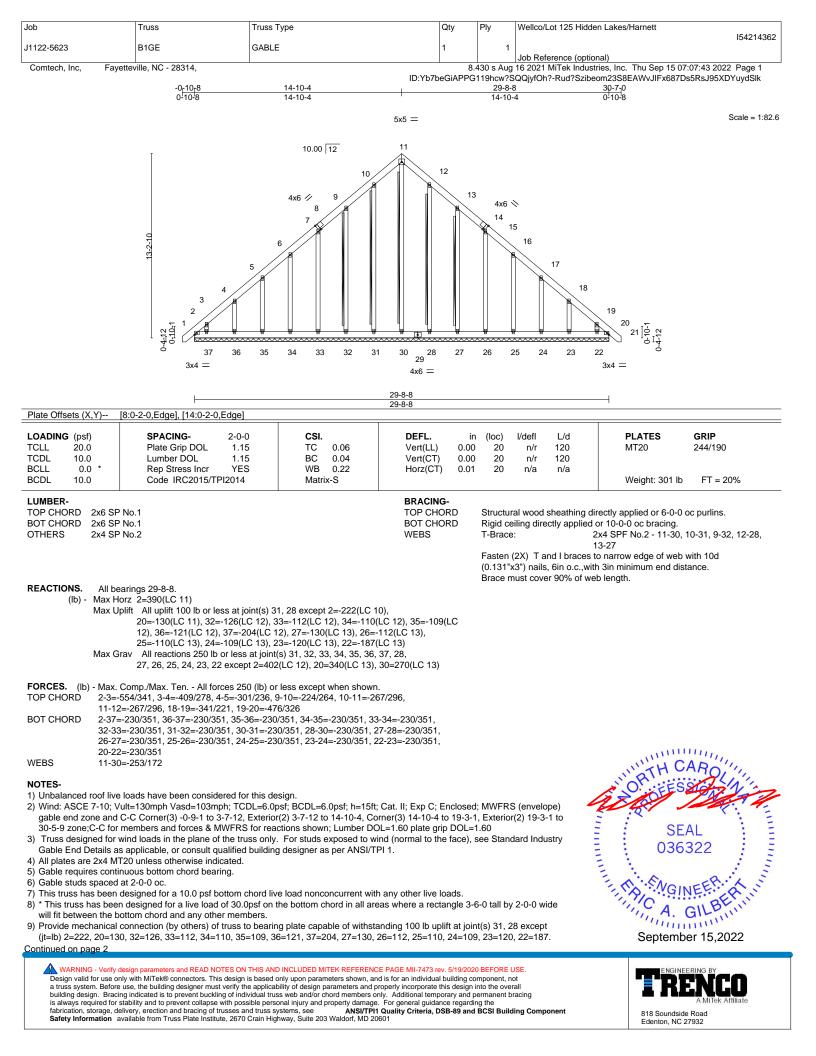
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September 15,2022



Job		Truss	Truss Type	Qty	Ply	Wellco/Lot 125 Hidden Lakes/Harnett
J1122-5623		B1GE	GABLE	1	1	154214362
J1122-5025		BIGE	GABLE	'	· ·	Job Reference (optional)
Comtech, Inc,						
			ID:Yb7beGiAPPG119hcw?SQQjyfOh?-v4BNfJiDP6uvhcjRkDQYrTUHuXZ5qu5TOlGn4LydSlj			

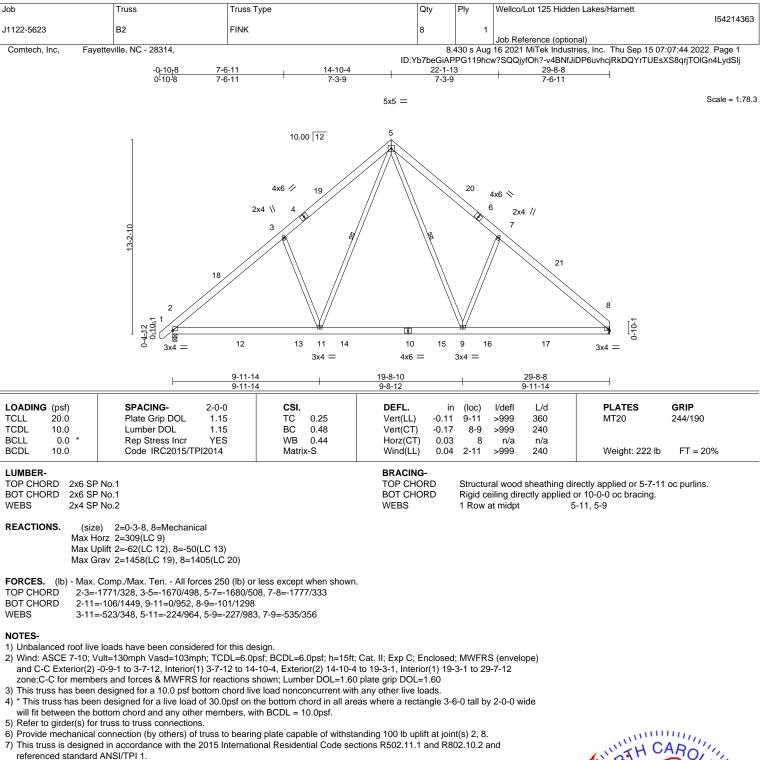
NOTES-

10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

11) Warning: Additional permanent and stability bracing for truss system (not part of this component design) is always required.

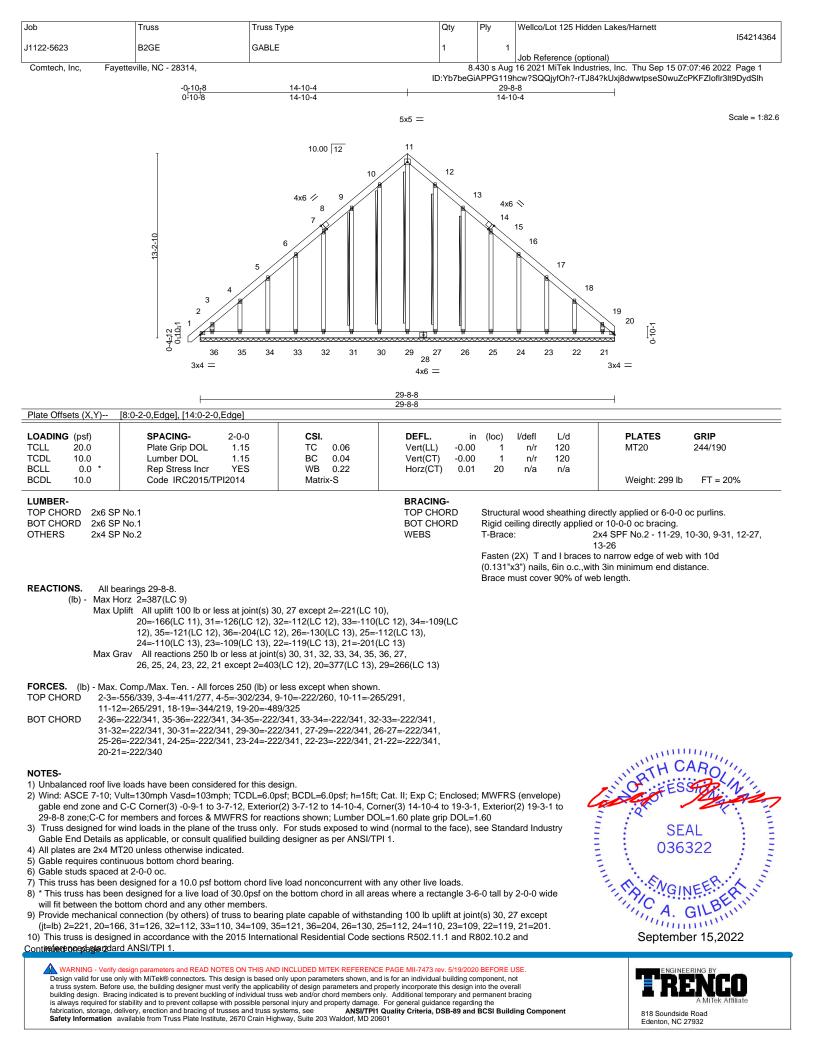
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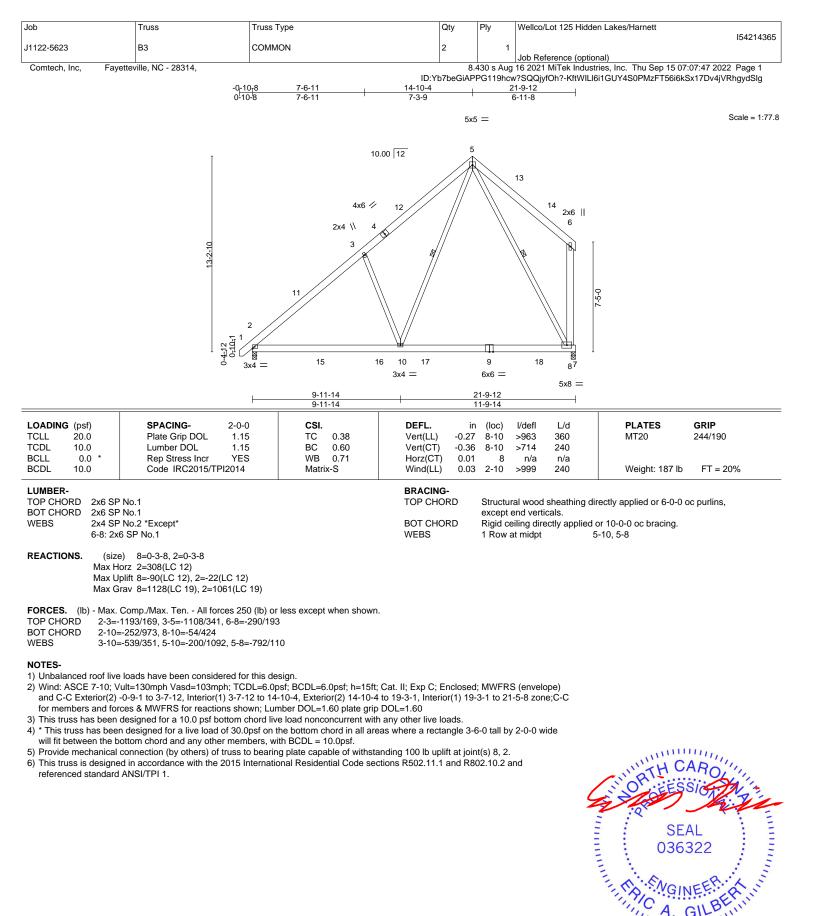
Job	Truss	Truss Type	Qty	Ply	Wellco/Lot 125 Hidden Lakes/Harnett
J1122-5623	B2GE	GABLE	1		154214364
J1122-5623	B2GE	GABLE	1		Job Reference (optional)
Comtech, Inc,	Fayetteville, NC - 28314,			8.430 s Au	g 16 2021 MiTek Industries, Inc. Thu Sep 15 07:07:46 2022 Page 2
		ID:Yb7beGiAPPG119hcw?SQQjyfOh?-rTJ84?kUxj8dwwtpseS0wuZcPKFZloflr3lt9DydSlh			

NOTES-

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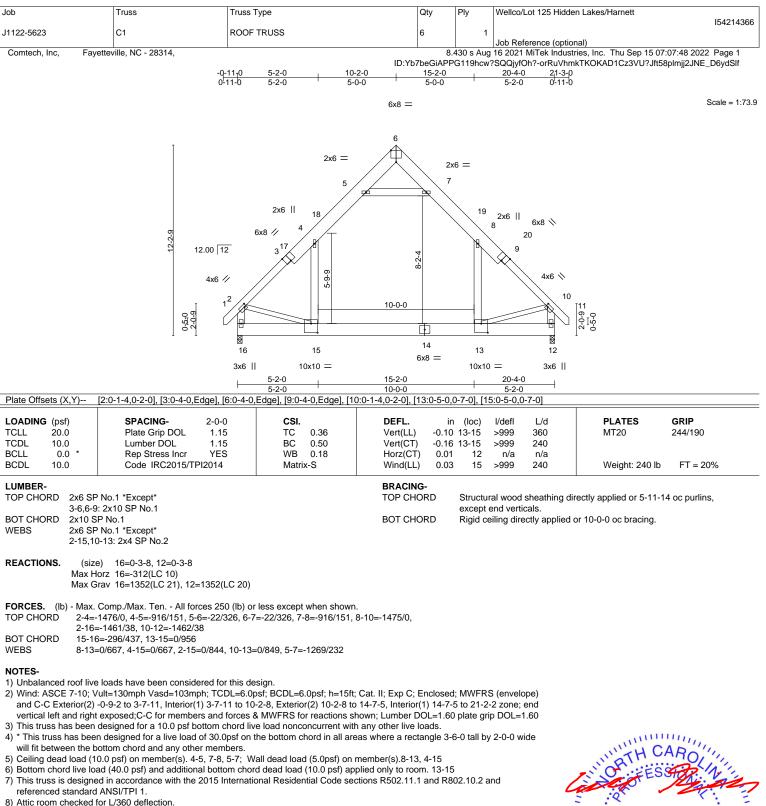






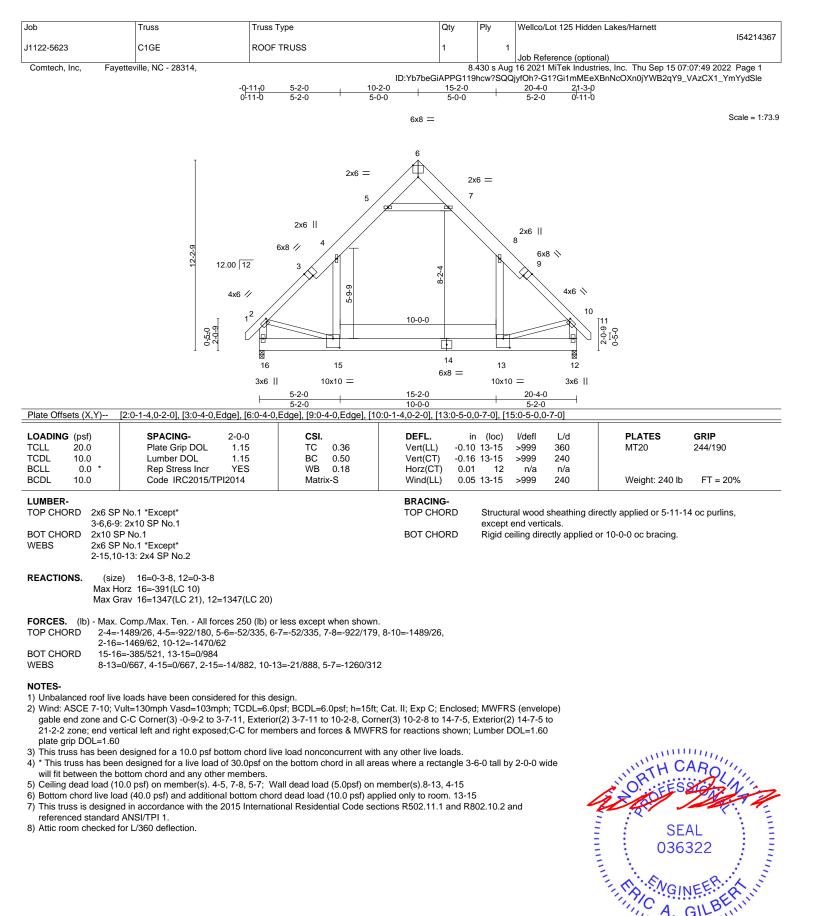
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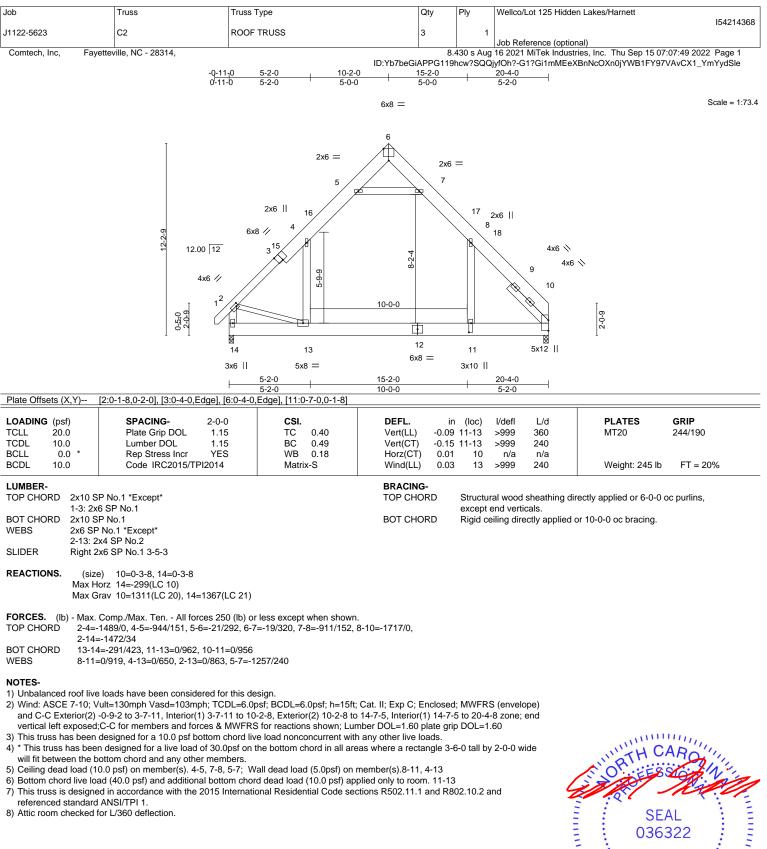






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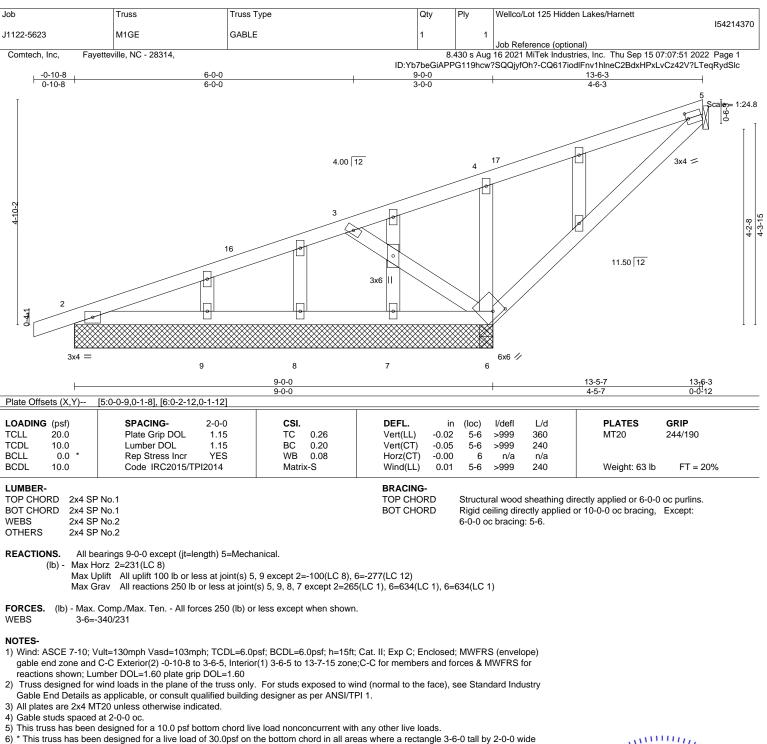


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Job	Truss	Truss Type	Qty	Ply	Wellco/Lot 12	5 Hidden Lakes/Ha	rnett
J1122-5623	C3	ROOF TRUSS	1				154214369
	etteville, NC - 28314,		8.	430 s Aug	Job Reference		nu Sep 15 07:07:50 2022 Page 1
		5-2-0 10-2-0 5-2-0 5-0-0	ID:Yb7beGiAPP	G119hcw?			5UXy5kkBDyUlEe3Lmhj5l_ydSld Scale = 1:73.3
	677 4x6 4x6 // 677 5x	13 2 13 14 15 12 12 12 12 12 12 12 12 12 12	15-2-0	15 2x 7 11 10 3x10	4)	6	
Plate Offsets (X,Y)	[5:0-4-0,Edge], [10:0-7-0,0-1-8	5-2-0], [12:0-7-0,0-1-8]	10-0-0		5-2-0		
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 BCDL 10.0	SPACING- 4-0 Plate Grip DOL 1.1 Lumber DOL 1.1 Rep Stress Incr N Code IRC2015/TPI2014	5 TC 0.45 5 BC 0.53 O WB 0.13	Vert(LL) -0.09	10-12 9	l/defl L/d >999 360 >999 240 n/a n/a >999 240	MT2	ATES GRIP 20 244/190 ght: 500 lb FT = 20%
LUMBER- TOP CHORD 2x10 S BOT CHORD 2x10 S WEBS 2x6 SP SLIDER Left 2x0	P No.1	No.1 3-5-3	BRACING- TOP CHORD BOT CHORD	(Switche		max.) ed: Spacing > 2-8- pplied or 10-0-0 or	
Max H	e) 1=0-3-8, 9=0-3-8 orz 1=-541(LC 8) rav 1=2652(LC 21), 9=2652(LC	C 20)					
TOP CHORD 1-3=- BOT CHORD 1-12=							
 Top chords connectine Bottom chords connected as 2) All loads are conside ply connections have 3) Unbalanced roof live 4) Wind: ASCE 7-10; V and C-C Exterior(2) members and forces 5) This truss has been 6) * This truss has been will fit between the b 7) Ceiling dead load (1 8) Bottom chord live loa 9) This truss is designer referenced standard 	e been provided to distribute or loads have been considered fi ult=130mph Vasd=103mph; TC 0-0-8 to 4-5-5, Interior(1) 4-5-5 & MWFRS for reactions show designed for a 10.0 psf bottom n designed for a live load of 30, ottom chord and any other mer 0.0 psf) on member(s). 3-4, 6-7 ad (40.0 psf) and additional bot id in accordance with the 2015 ANSI/TPI 1.	ggered at 0-9-0 oc. staggered at 0-9-0 oc. at 0-9-0 oc. except if noted as front (F) or bac ly loads noted as (F) or (B), unles or this design. CDL=6.0psf; BCDL=6.0psf; h=15ft to 10-2-8, Exterior(2) 10-2-8 to 14 n; Lumber DOL=1.60 plate grip D' chord live load nonconcurrent wit 0psf on the bottom chord in all an	ss otherwise indicated. ;; Cat. II; Exp C; Enclosed 4-7-5, Interior(1) 14-7-5 to OL=1.60 h any other live loads. eas where a rectangle 3-6 member(s).7-10, 3-12 oplied only to room. 10-12 ctions R502.11.1 and R8	l; MWFRS 5 20-4-8 zo 6-0 tall by 2 02.10.2 au	6 (envelope) one;C-C for 2-0-0 wide		SEAL 036322
							September 15,2022

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- will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 9 except (jt=lb) 2=100, 6=277.
- 9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



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