

RE: 1281250 - H&H-NC/Harmony/

Site Information:

Project Customer: H and H Project Name: 1281250 Lot/Block: 8 Subdivision: Southview Model: Address:

State: NC

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

Design Code: IRC2009/TPI2007 Wind Code: ASCE 7-05 Wind Speed: 130 mph Roof Load: 40.0 psf

Design Program: MiTek 20/20 7.6 Design Method: MWFRS(low-rise)/C-C hybrid Wind ASCE 7-05 Floor Load: N/A psf

Trenco

818 Soundside Rd

Edenton, NC 27932

Exposure Category: C

Mean Roof Height (feet): 25

No.	Seal#	Truss Nam	ne Date
1	131871737	A01	12/11/17
2	131871738	A02	12/11/17
3	I31871739 I31871740	A03 A04	12/11/17
5	131871740	A04 A05	12/11/17 12/11/17
234567	131871742	A06	12/11/17
7	131871743	A07	12/11/17
8	131871744	A07A	12/11/17
8 9 10	l31871745 l31871746	A08 A09	12/11/17 12/11/17
11	131871747	A10	12/11/17
12	131871748	B04	12/11/17
13	131871749	C01	12/11/17
14	131871750	C02	12/11/17
15 16	131871751 131871752	PB01 PB02	12/11/17 12/11/17
10	1010/1702	1 002	

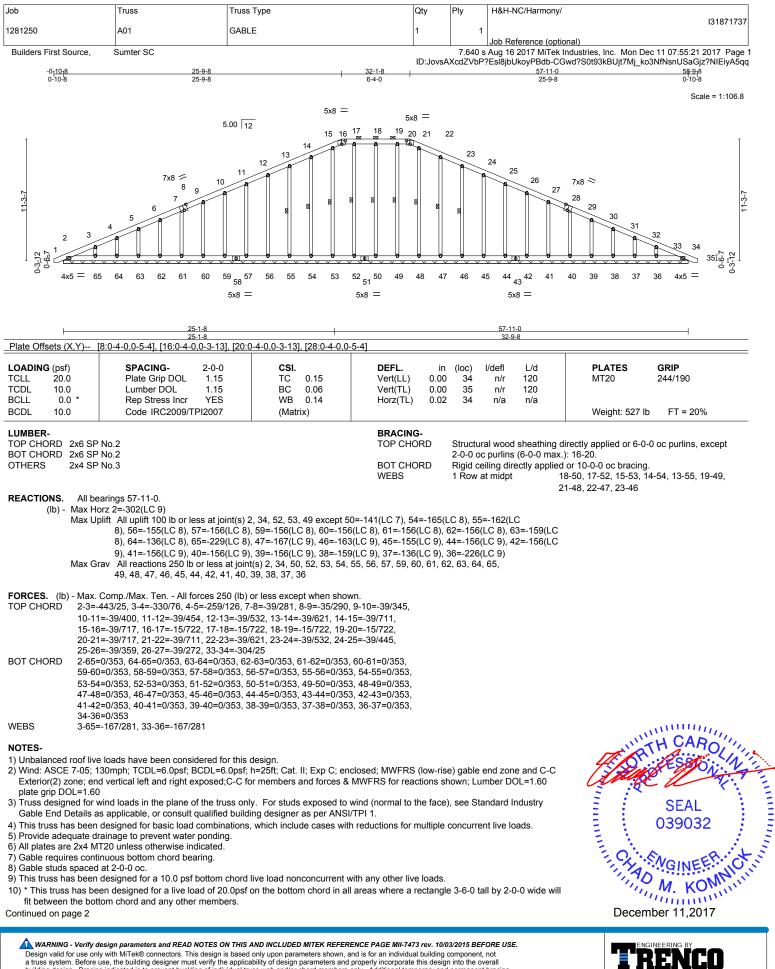
The truss drawing(s) referenced above have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters

In tek USA, Inc. under my direct supervision based on the parameters provided by Builders FirstSource-Sumter,SC. Truss Design Engineer's Name: Komnick, Chad My license renewal date for the state of North Carolina is December 31, 2017 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 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.



Komnick, Chad

December 11,2017



besign value to be only with with these contractions. This besign is based only upon parameters shown, and is to rain individual outdarg 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 Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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Job	Truss	Truss Type	Qty	Ply	H&H-NC/Harmony/
1281250	A01	GABLE	1	1	131871737
					Job Reference (optional)
Builders First Source,	Sumter SC		ID:JovsA		Aug 16 2017 MiTek Industries, Inc. Mon Dec 11 07:55:21 2017 Page 2 PEsl8jbUkoyPBdb-CGwd?S0t93kBUjt7Mj_ko3NfNsnUSaGjz?NIEiyA5qq

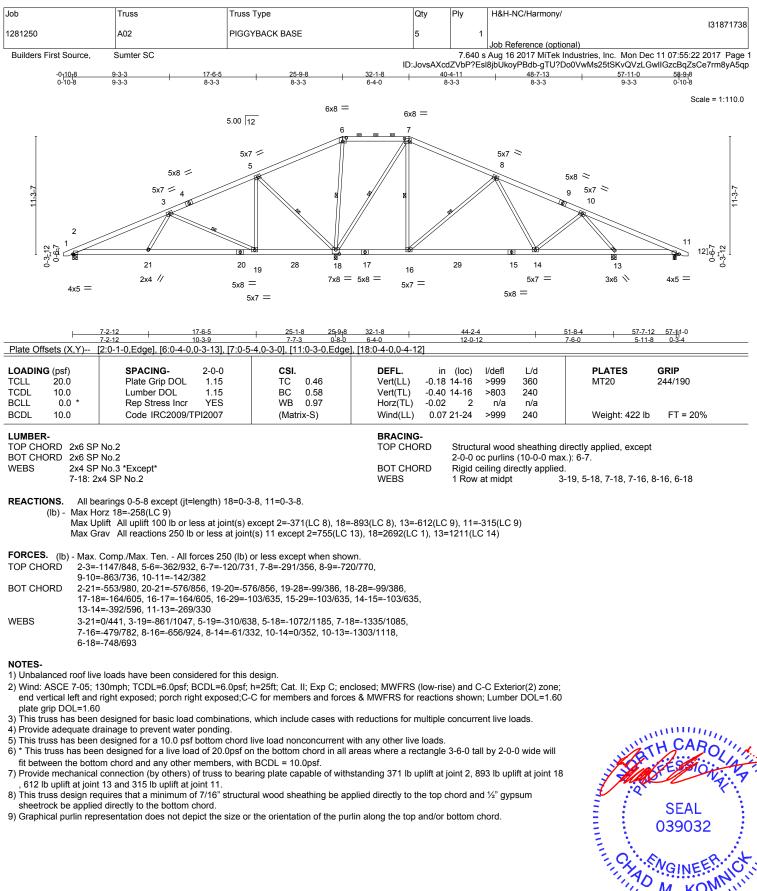
NOTES-

11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 34, 52, 53, 49 except (jt=lb) 50=141, 54=165, 55=162, 56=155, 57=156, 59=156, 60=156, 61=156, 62=156, 63=159, 64=136, 65=229, 47=167, 46=163, 45=155, 44=156, 42=156, 41=156, 40=156, 39=156, 38=159, 37=136, 36=226.

12) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.

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





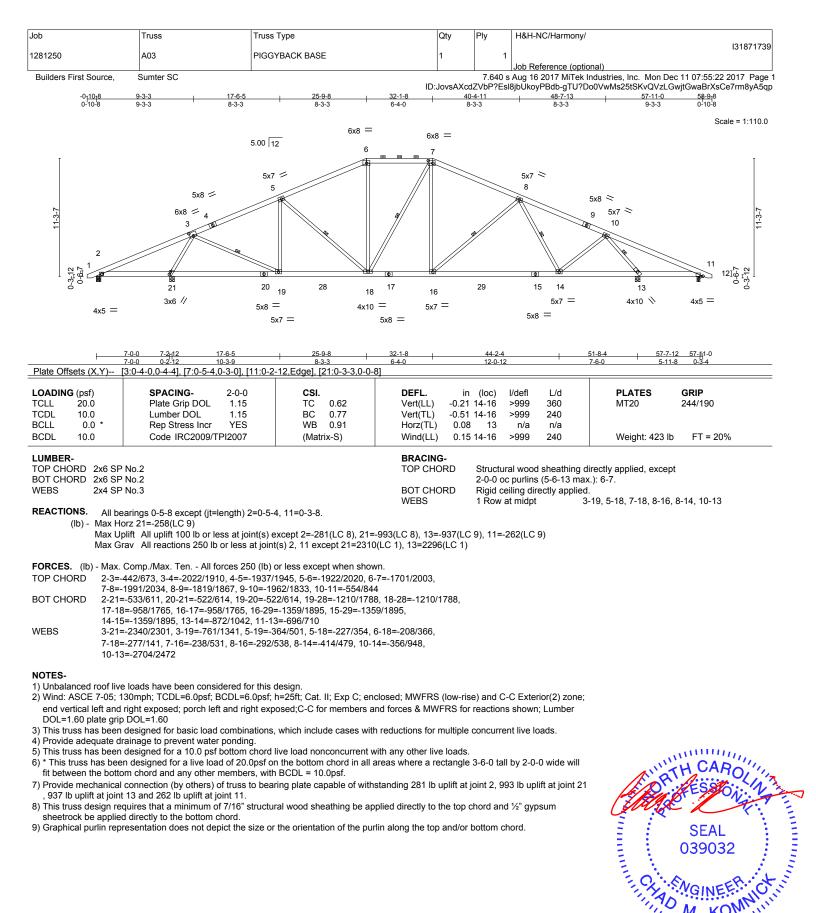
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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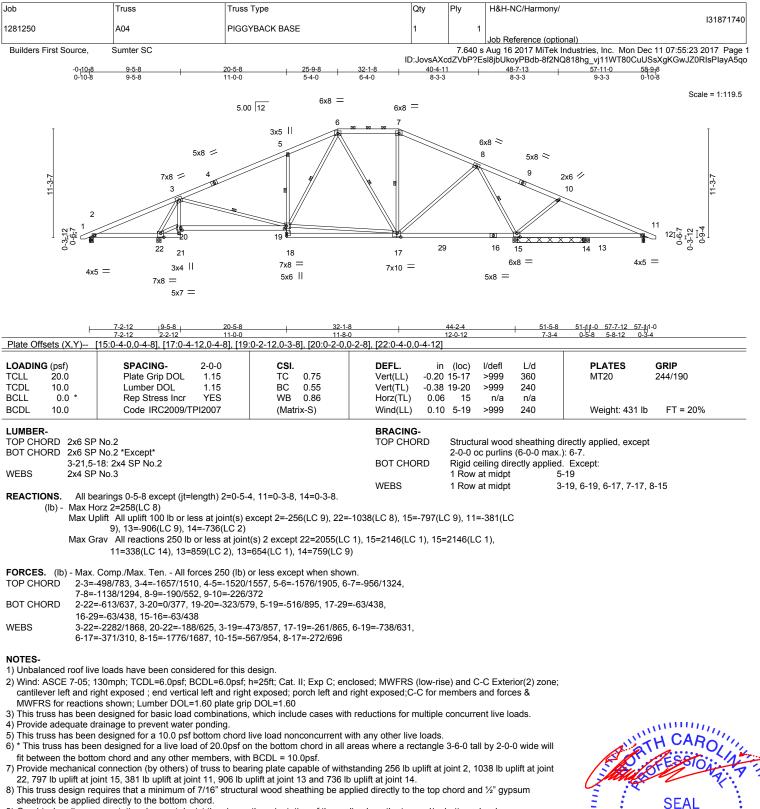
🔔 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not besign value to be only with with these contractions. This besign is based only upon parameters shown, and is to rain individual outdarg 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 Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.





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 NoISITPI1 Quality Criteria, DSB-89 and BCSI Building Component
 Safety Information
 available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

818 Soundside Road Edenton, NC 27932

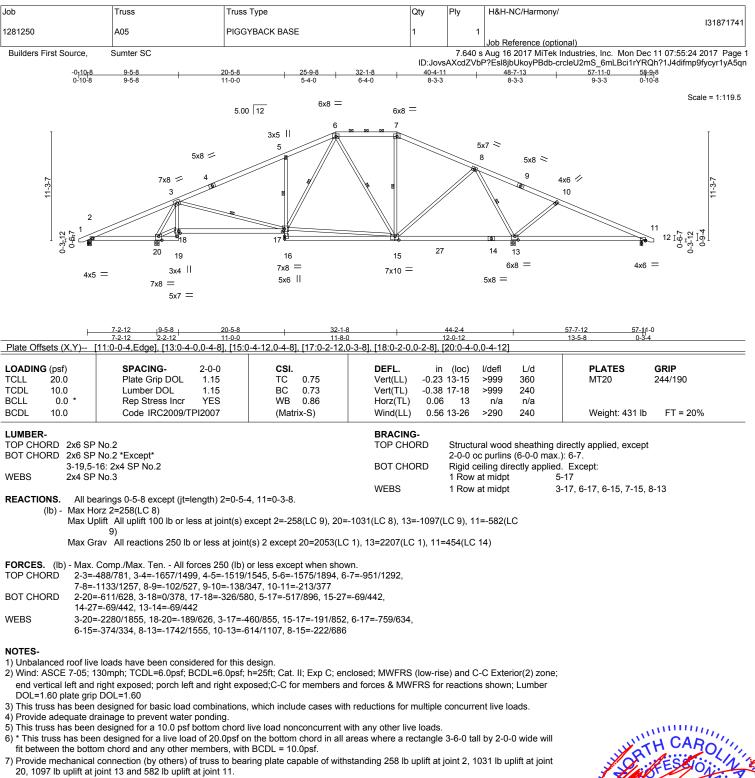


9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Yuuuuuuu 039032 Mannan Mannan December 11,2017

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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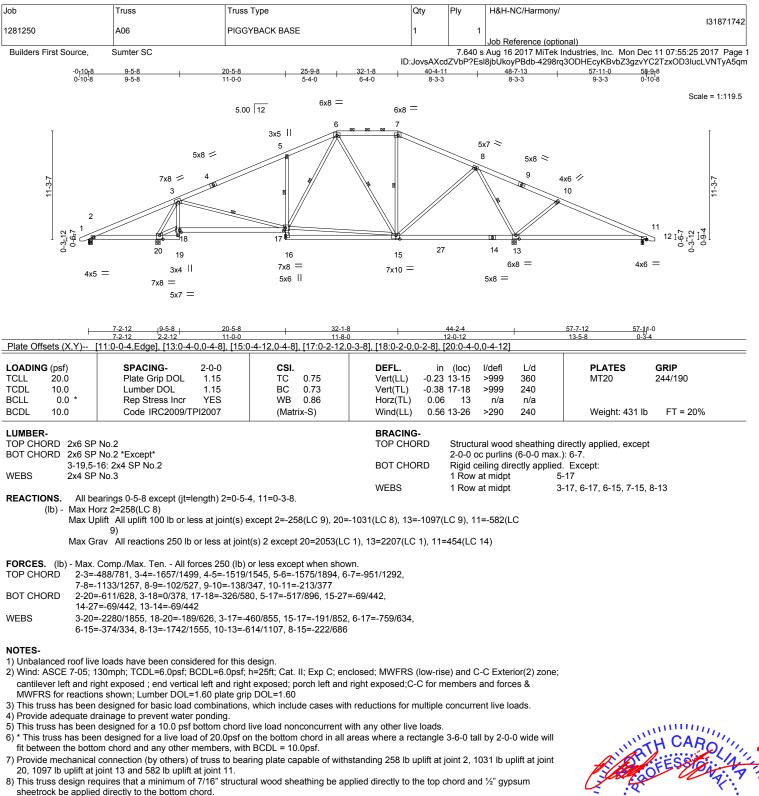
8) This truss design requires that a minimum of 7/16" structural wood sheathing be applied directly to the top chord and ½" gypsum sheetrock be applied directly to the bottom chord.

9) 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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Edenton, NC 27932

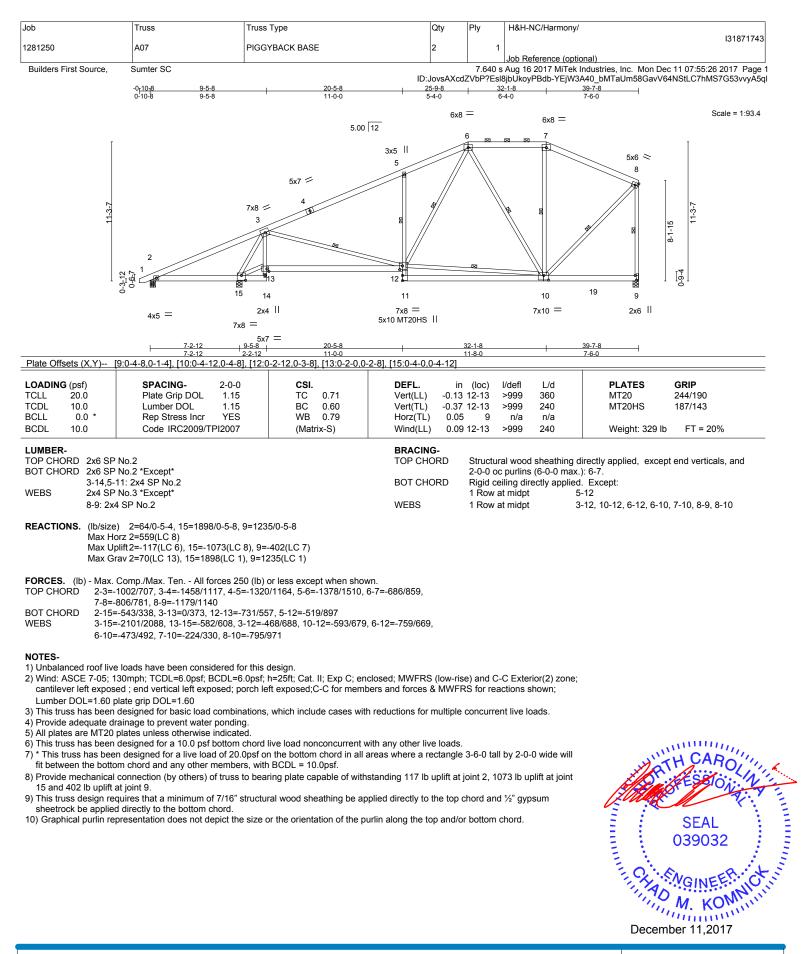


9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



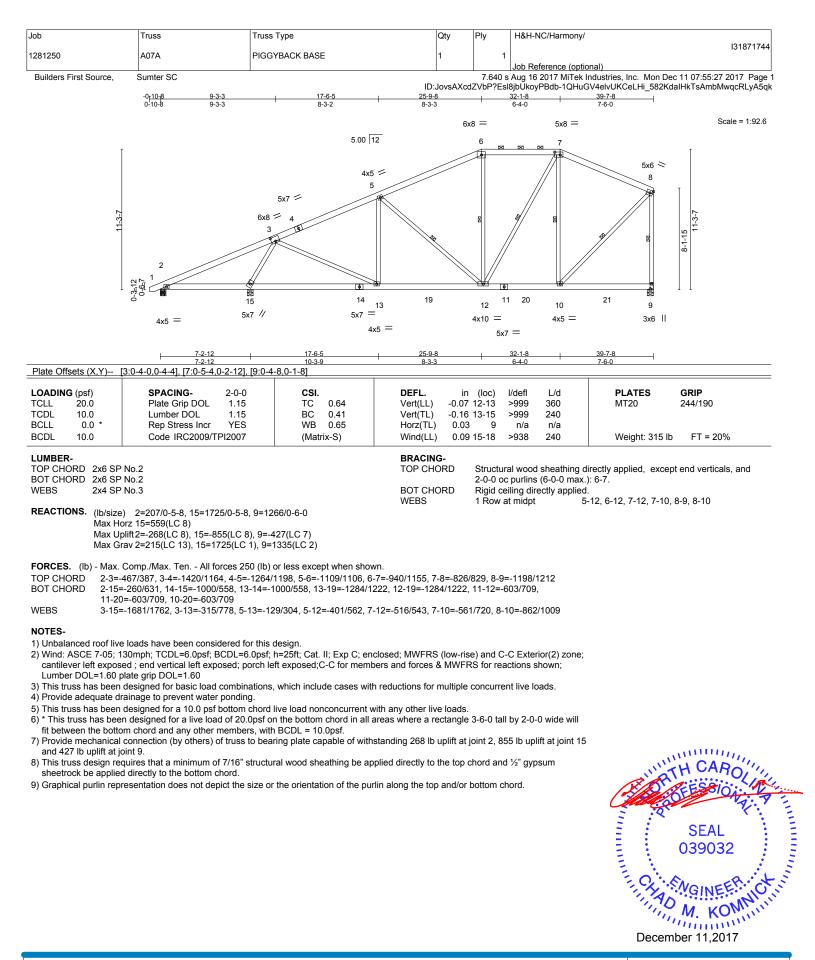
TRENCO A Mi Tek Affiliate

Edenton, NC 27932

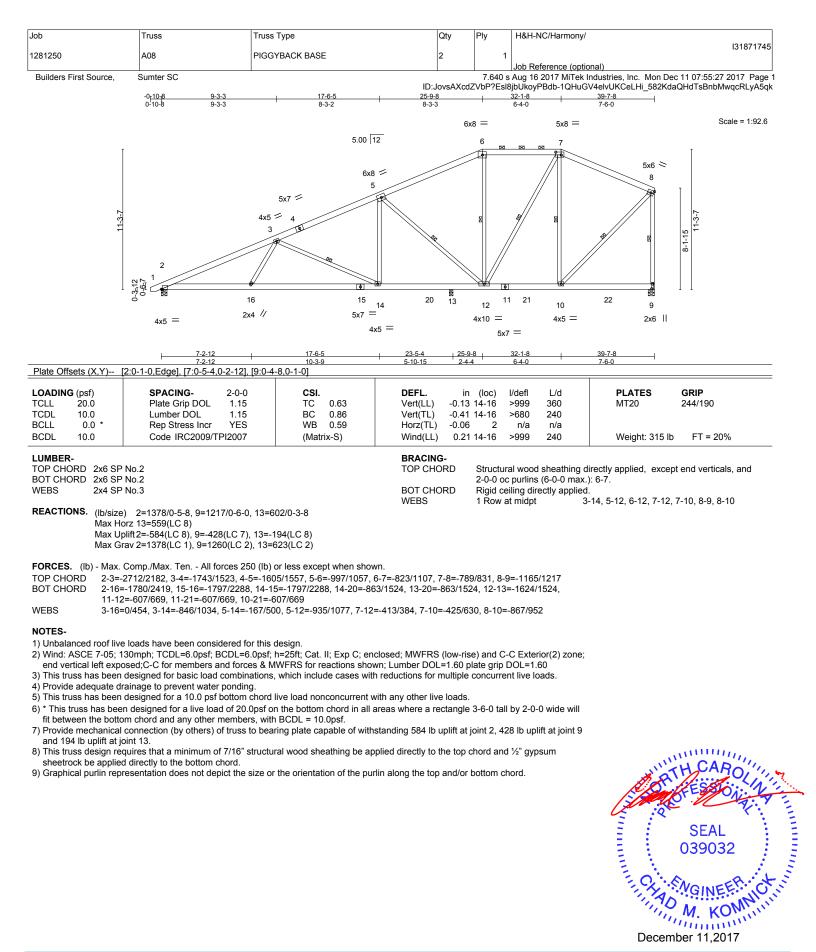




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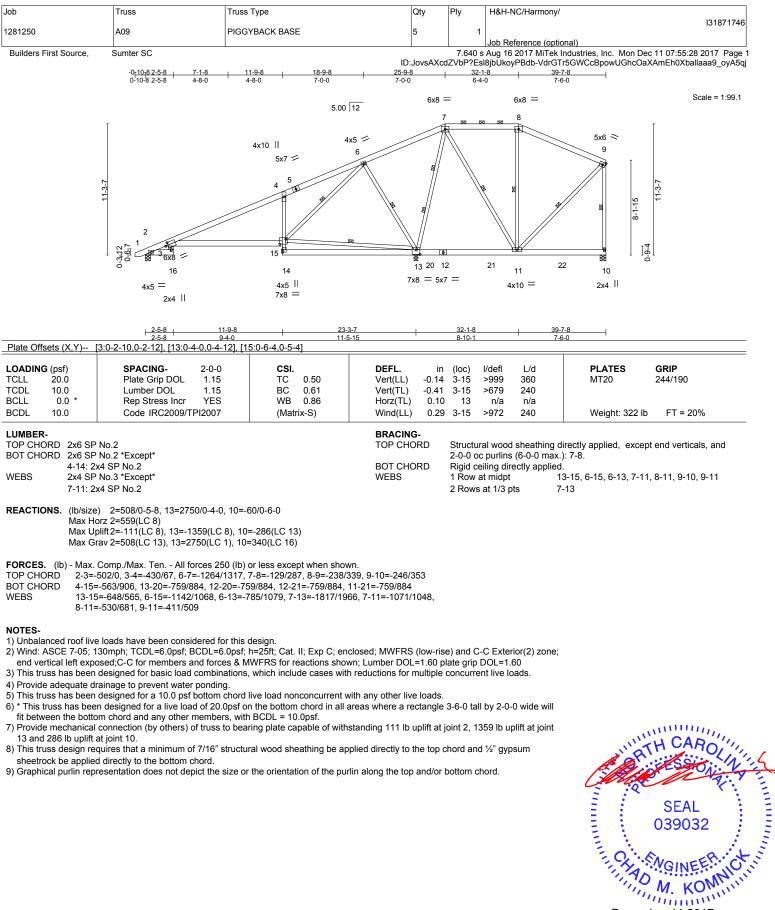






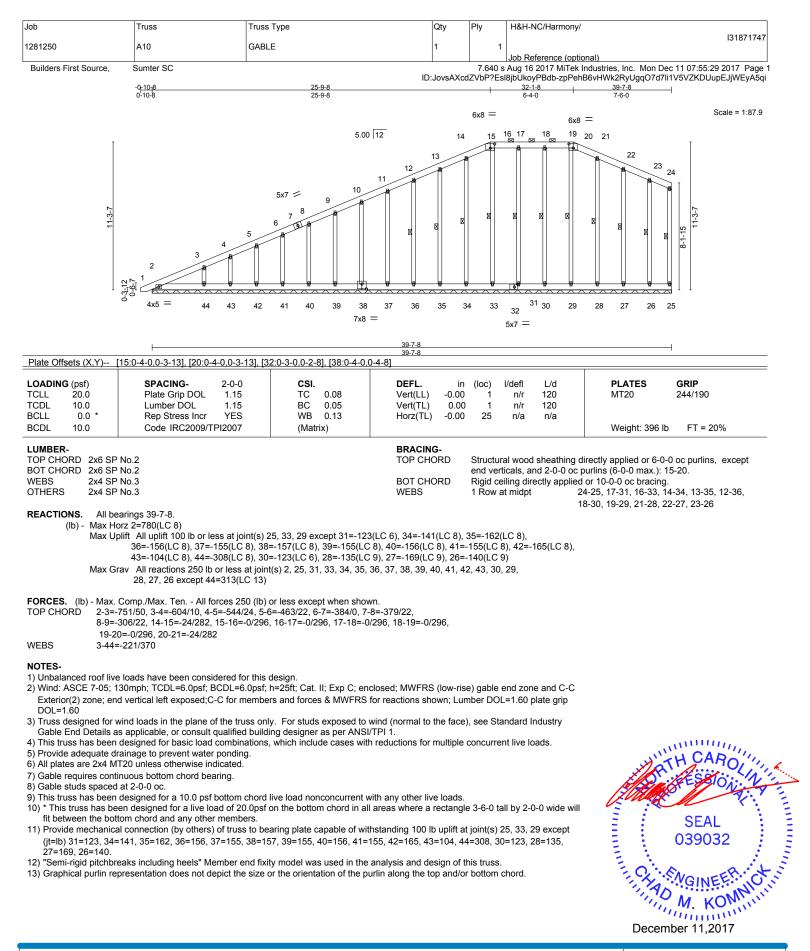
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December 11,2017





TRENCO A Mitek Affiliate

> 818 Soundside Road Edenton, NC 27932

lob	Truss	Truss Type	Qty	Ply	H&H-NC/Harmony/	
281250	B04	GABLE	1	1		I31871748
Builders First Source,	Sumter SC					dustries, Inc. Mon Dec 11 07:55:30 2017 Page 1
	-0 <u>-10-</u> 0-10-6	<u> </u>	ID:JovsAX	cdZVbP?E 20-3-0 10-1-8	SI8JbUkoyPBdb-R?Z1u 21-1-8 0-10-8	X7X1qsv363sN6esgyF8BUIY3dd12u3G2gyA5qh
			3x6 =			Scale = 1:73.0
			7			
	14 6 3x5 1 1 1 2		19 18 17	10	11 4x5 12	
		20		10	$_{3x4}^{15} =$	
Plata Offects (X V)	[7:0 3 0 Edgo] [12:0 2 8 0 1 12	[14:Edgo 0 1 8]	20-3-0 20-3-0			
LOADING (psf)	[7:0-3-0,Edge], [12:0-2-8,0-1-12] SPACING- 2-0-0	CSI.	DEFL. in	(loc)	/defl L/d	PLATES GRIP
TCLL 20.0 TCDL 10.0 BCLL 0.0 *	Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.34 BC 0.38	Vert(LL) -0.00 Vert(TL) -0.00	13 13	n/r 120 n/r 120	MT20 244/190
BCDL 10.0	Rep Stress Incr YES Code IRC2009/TPI2007	WB 0.26 (Matrix)	Horz(TL) 0.02	14	n/a n/a	Weight: 141 lb FT = 20%
OTHERS 2x4 SF REACTIONS. All be (lb) - Max H Max U	earings 20-3-0. orz 24=-623(LC 6) plift All uplift 100 lb or less at joi 8), 23=-451(LC 8), 17=-361 rav All reactions 250 lb or less	nt(s) 14 except 24=-252(LC 6), 1 (LC 9), 16=-133(LC 9), 15=-537(I at joint(s) 19, 21, 22, 23, 18, 17, 1	_C 9)	(LC 8), 2	c bracing: 23-24. 2=-217(LC	
	14=259(LC 6)	0 (Ib) or less except when shown				
TOP CHORD 2-24: 8-9= BOT CHORD 23-24 18-19	=-389/261, 2-3=-542/314, 3-4=-3 -75/269, 11-12=-464/112 4=-574/614, 22-23=-77/539, 21-2 9=-77/539, 17-18=-77/539, 16-1	22=-77/539, 20-21=-77/539, 19-2 7=-77/539, 15-16=-77/539, 14-15 -123/373, 11-15=-141/454, 2-23	'318, 6-7=-72/253, 0=-77/539, =-77/539			
 2) Wind: ASCE 7-05, Exterior(2) zone; en plate grip DOL=1.60 3) Truss designed for Gable End Details a 4) This truss has been 5) All plates are 2x4 M 6) Gable requires cont 7) Truss to be fully she 8) Gable studs spaced 9) This truss has been 10) * This truss has been 11) Provide mechanic 24=252, 19=128, 2 	d vertical left and right exposed;) wind loads in the plane of the tru as applicable, or consult qualified designed for basic load combin IT20 unless otherwise indicated. inuous bottom chord bearing. eathed from one face or securely I at 2-0-0 oc. designed for a 10.0 psf bottom een designed for a live load of 20 tom chord and any other member al connection (by others) of truss 21=321, 22=217, 23=451, 17=36	Opsf; h=25ft; Cat. II; Exp C; encl. C-C for members and forces & M ss only. For studs exposed to wi I building designer as per ANSI/T ations, which include cases with i braced against lateral movement chord live load nonconcurrent wit .0psf on the bottom chord in all a ers, with BCDL = 10.0psf.	IWFRS for reactions s nd (normal to the face Pl 1. reductions for multiple it (i.e. diagonal web). h any other live loads. reas where a rectangl standing 100 lb uplift a	yown; Lun , see Star concurren e 3-6-0 tal joint(s) 1-	nber DOL=1.60 ndard Industry t live loads.	SEAL 039032



281250	Truss	Truss Type	Qty	Ply	H&H-NC/Harmony/		131871749
201250	C01	GABLE	1	1	lah Deference ("		1310/1/49
Builders First Source,	Sumter SC					dustries, Inc. Mon Dec 11 07	
		7-4-0	ID:JovsAXc <u>13-7-12</u> 6-3-12	dZVbP?E 20-3-0 6-7-4	sl8jbUkoyPBdb-vBXP6t <u>21-1-</u> 8 0-10-8	79o7_mgFe2xpA5CAoFFu5y	oo2BGYoqa7yA5qg
			6-3-12	0-7-4	0-10-8		Scale: 1/8"=1'
			_				
	I	10.00 12 2	\sim				
			3				
			3x6 ≈ 4 3x5	~			
	0	6x8 //	3x6 1/2 5				
	1-8-10 10						
		بم ب	\$	\mathcal{N}	5x6 📎		
		5-7-5			6		
		15 3x6 1/2	9 _[10]				
		12 1 [°]	1 ¹⁰ 29 9	30	4x10		
			3x6 = 20HS =				
		7-4-0	<u> </u>	20-3-0			
Plate Offsets (X,Y)	[1:0-3-0,0-1-12], [7:0-6-14,Edg	7-4-0	6-3-12	6-7-4			
LOADING (psf)	SPACING- 2-0-0		DEFL. in	(loc)	l/defl L/d	PLATES GRIF)
TCLL 20.0 TCDL 10.0	Plate Grip DOL 1.15 Lumber DOL 1.15		Vert(LL) -0.07	11-12 11-12	>999 360 >999 240	MT20 244/ ⁻ MT20HS 187/ ⁻	
BCLL 0.0 *	Rep Stress Incr YES	S WB 0.19	Horz(TL) 0.06	7	n/a n/a		
BCDL 10.0	Code IRC2009/TPI2007	7 (Matrix-S)	. ,	9-27	>999 240	Weight: 182 lb F1	r = 20%
L UMBER- TOP CHORD 2x4 SF			BRACING- TOP CHORD			ectly applied, except end v	verticals.
1-2: 2x BOT CHORD 2x4 SF	(6 SP No.2 P No.2		BOT CHORD WEBS	Rigid ce 1 Row a	iling directly applied. at midpt 5-1	11	
WEBS 2x4 SF OTHERS 2x4 SF			JOINTS	1 Brace	at Jt(s): 13, 14		
	2x8 SP DSS 1-11-12						
	e) 12=803/0-5-8, 7=858/0-5-8						
	lorz 12=-702(LC 6) Jplift 12=-602(LC 9), 7=-569(LC	9)					
FORCES. (Ib) - Max	. Comp./Max. Ten All forces 2	250 (Ib) or less except when show	'n.				
	-526/463, 2-3=-422/594, 3-4=-4 5=-730/667, 1-15=-670/585	188/595, 4-5=-578/573, 5-6=-914/	621, 6-7=-337/0,				
BOT CHORD 11-1		0-29=-190/635, 9-29=-190/635, 9	-30=-190/635,				
WEBS 11-1	3=-229/314, 2-13=-227/304, 5-	11=-389/625, 5-9=-5/291, 1-14=-1	169/352,				
11-1	4=-170/353						
NOTES-	e loads have been considered	for this desian.					
	130mph; TCDL=6.0psf; BCDL=	6.0psf; h=25ft; Cat. II; Exp C; enc r members and forces & MWFRS					
2) Wind: ASCE 7-05;	iu venicai nyni exposeu, 0-0 10		,				
2) Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60		russ only. For studs exposed to we ed building designer as per ANSI/), see Sta	,		
 Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 Truss designed for Gable End Details a 					nt liva loade		
 Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 Truss designed for Gable End Details a 4) This truss has beer 	as applicable, or consult qualifie	nations, which include cases with ted.		concurre	Int live loads.		
 Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 Truss designed for Gable End Details : This truss has beer All plates are MT20 All plates are 2x4 M 	as applicable, or consult qualifie n designed for basic load combi) plates unless otherwise indica /IT20 unless otherwise indicated	ted.		concurre		TH	AROLI
 Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 Truss designed for Gable End Details at This truss has beer All plates are MT20 All plates are 2x4 M Gable studs space(3) 	as applicable, or consult qualifie a designed for basic load combi) plates unless otherwise indicat /T20 unless otherwise indicated d at 2-0-0 oc. a designed for a 10.0 psf bottom	ted. d. n chord live load nonconcurrent wi	ith any other live loads.			TH	ARO
 2) Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 3) Truss designed for Gable End Details a 4) This truss has beer 5) All plates are MT20 5) All plates are 2x4 M 7) Gable studs spaced 3) This truss has beer 6) This truss has beer 	as applicable, or consult qualifier a designed for basic load combi- plates unless otherwise indicat (T20 unless otherwise indicated d at 2-0-0 oc. In designed for a 10.0 psf bottom en designed for a live load of 20 om chord and any other membe	ted. d. n chord live load nonconcurrent wi 0.0psf on the bottom chord in all a ers, with BCDL = 10.0psf.	ith any other live loads. reas where a rectangle	3-6-0 tal	by 2-0-0 wide will	TH CLEAR	AROL
 2) Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 3) Truss designed for Gable End Details a 4) This truss has beer 5) All plates are MT2Q 5) All plates are 2x4 M 7) Gable studs spaced 8) This truss has beer 6) This truss has beer 	as applicable, or consult qualifier a designed for basic load combi- plates unless otherwise indicat (T20 unless otherwise indicated d at 2-0-0 oc. In designed for a 10.0 psf bottom en designed for a live load of 20 om chord and any other membe	ted. d. n chord live load nonconcurrent wi 0.0psf on the bottom chord in all a	ith any other live loads. reas where a rectangle	3-6-0 tal	by 2-0-0 wide will	S S	EAL
 Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 Truss designed for Gable End Details a This truss has beer All plates are MT20 All plates are 2x4 M Gable studs space(3) This truss has beer 	as applicable, or consult qualifie n designed for basic load combi) plates unless otherwise indicat 1720 unless otherwise indicated d at 2-0-0 oc. n designed for a 10.0 psf bottom en designed for a live load of 20 om chord and any other member al connection (by others) of trus	ted. d. n chord live load nonconcurrent wi 0.0psf on the bottom chord in all a ers, with BCDL = 10.0psf. ss to bearing plate capable of with s" structural wood sheathing be ap	reductions for multiple ith any other live loads. ireas where a rectangle nstanding 100 lb uplift at	3-6-0 tali t joint(s) e	by 2-0-0 wide will except (jt=lb)	S 03	EAL 9032
 Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 Truss designed for Gable End Details at This truss has beer All plates are MT20 All plates are 2x4 M Gable studs space(3) This truss has beer 	as applicable, or consult qualifie a designed for basic load combi b) plates unless otherwise indicat AT20 unless otherwise indicated d at 2-0-0 oc. a designed for a 10.0 psf bottom en designed for a live load of 20 om chord and any other member cal connection (by others) of trus requires that a minimum of 7/16	ted. d. n chord live load nonconcurrent wi 0.0psf on the bottom chord in all a ers, with BCDL = 10.0psf. ss to bearing plate capable of with s" structural wood sheathing be ap	reductions for multiple ith any other live loads. ireas where a rectangle nstanding 100 lb uplift at	3-6-0 tali t joint(s) e	by 2-0-0 wide will except (jt=lb)	SI OS	•
 Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 Truss designed for Gable End Details a This truss has beer All plates are MT20 All plates are 2x4 M Gable studs space(3) This truss has beer 	as applicable, or consult qualifie a designed for basic load combi b) plates unless otherwise indicat AT20 unless otherwise indicated d at 2-0-0 oc. a designed for a 10.0 psf bottom en designed for a live load of 20 om chord and any other member cal connection (by others) of trus requires that a minimum of 7/16	ted. d. n chord live load nonconcurrent wi 0.0psf on the bottom chord in all a ers, with BCDL = 10.0psf. ss to bearing plate capable of with s" structural wood sheathing be ap	reductions for multiple ith any other live loads. ireas where a rectangle nstanding 100 lb uplift at	3-6-0 tali t joint(s) e	by 2-0-0 wide will except (jt=lb)	- · ·	•
 2) Wind: ASCE 7-05; Exterior(2) zone; er DOL=1.60 3) Truss designed for Gable End Details at 4) This truss has beer 5) All plates are MT20 6) All plates are 2x4 M 7) Gable studs space 8) This truss has beer 9) * This truss has beer 9) * This truss has beer 9) * This truss has beer 10) Provide mechanic 12=602, 7=569. 11) This truss design 	as applicable, or consult qualifie a designed for basic load combi b) plates unless otherwise indicat AT20 unless otherwise indicated d at 2-0-0 oc. a designed for a 10.0 psf bottom en designed for a live load of 20 om chord and any other member cal connection (by others) of trus requires that a minimum of 7/16	ted. d. n chord live load nonconcurrent wi 0.0psf on the bottom chord in all a ers, with BCDL = 10.0psf. ss to bearing plate capable of with s" structural wood sheathing be ap	reductions for multiple ith any other live loads. ireas where a rectangle nstanding 100 lb uplift at	3-6-0 tali t joint(s) e	by 2-0-0 wide will except (jt=lb)	M	NEER.OL
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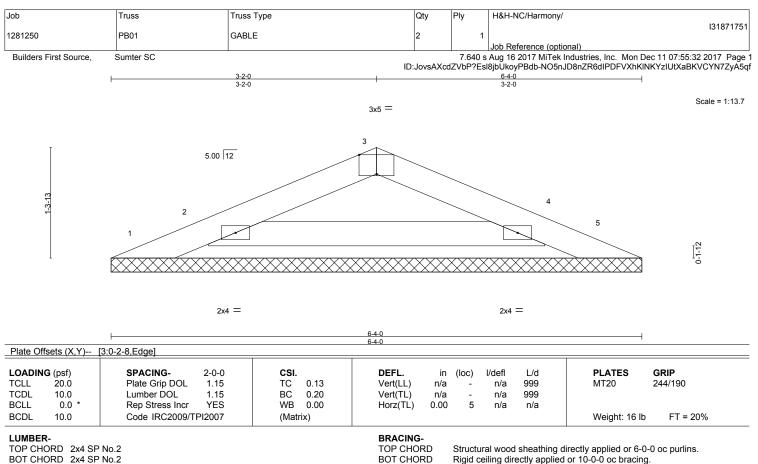


RENCO 818 Soundside Road Edenton, NC 27932

lob	Truss	Truss Type	Qty	Ply	H&H-NC/Harmony/	13187175
281250	C02	COMMON	9		1 Job Reference (optional	
Builders First Source,	Sumter SC	<u>3-4-0 7-4-0</u> 3-4-0 4-0-0	ID:JovsAX <u>11-4-0 15-7-12</u> 4-0-0 4-3-12	dZVbP?		stries, Inc. Mon Dec 11 07:55:31 2017 Pag 9o7_mgFe2xpA5CAoEPu?oo1iBGYoqa7yA5
		3x6	=			Scale = 1:90.
	11-8-10 6.7 F		3x6 4 3x6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	2x4 6	4x5 7 8 5 3x10 MT20HS II	
		2x6 11 6x8 -	4x5 =	0-3-0		
Plate Offsets (X,Y) [3	3:0-3-0,Edge], [8:0-5-14,0-1-7]	<u> 34-0 11-4-(</u> <u>3-4-0 8-0-0</u> , [11:0-3-8,0-4-0], [12:0-4-8,0-1-0	' <u></u> {	-11-0		
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 NC Code IRC2009/TPI2007	TC 0.69 BC 0.83 WB 0.46	Vert(TL) -0.64 Horz(TL) 0.06	9-15 9-15	l/defl L/d >910 360 >374 240 n/a n/a >397 240	PLATES GRIP MT20 244/190 MT20HS 187/143 Weight: 151 lb FT = 20%
WEBS 2x4 SP t SLIDER Right 2x1 REACTIONS. (Ib/size) Max Hor	DSS *Except* 6 SP No.2	9)	BRACING- TOP CHORD BOT CHORD	end ve		ctly applied or 5-10-8 oc purlins, except 6-0-0 oc bracing.
FORCES. (Ib) - Max. C TOP CHORD 1-2=-6 1-12= BOT CHORD 11-12=		50 (lb) or less except when show 16/567, 5-6=-717/552, 6-7=-754/ 10=-136/473, 8-9=-297/637				
 Wind: ASCE 7-05; 13 end vertical right expr 3) This truss has been of 4) All plates are MT20 p 5) This truss has been of 6) * This truss has been of 6) * This truss has been of 7) Provide mechanical of 8=241. 	osed C-C for members and fo lesigned for basic load combin lates unless otherwise indicat lesigned for a 10.0 psf bottom designed for a live load of 20 in chord and any other member connection (by others) of truss	6.0psf; h=25ft; Cat. II; Exp C; encreases MWFRS for reactions sho hations, which include cases with ed. chord live load nonconcurrent w .0psf on the bottom chord in all a	wn; Lumber DOL=1.60 reductions for multiple ith any other live loads. reas where a rectangle tanding 100 lb uplift at	plate gr concurr 3-6-0 ta joint(s) e	ip DOL=1.60 ent live loads. Il by 2-0-0 wide will except (jt=lb) 12=332,	WITH CARO







REACTIONS. All bearings 6-4-0.

(Ib) - Max Horz 1=26(LC 8) Max Uplift All uplift 100 lb or less at joint(s) 1, 5 except 2=-114(LC 8), 4=-104(LC 9) Max Grav All reactions 250 lb or less at joint(s) 1, 5, 2, 4

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 7-05; 130mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) and C-C Exterior(2) zone; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry
- Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- 4) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.

5) Gable requires continuous bottom chord bearing.

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

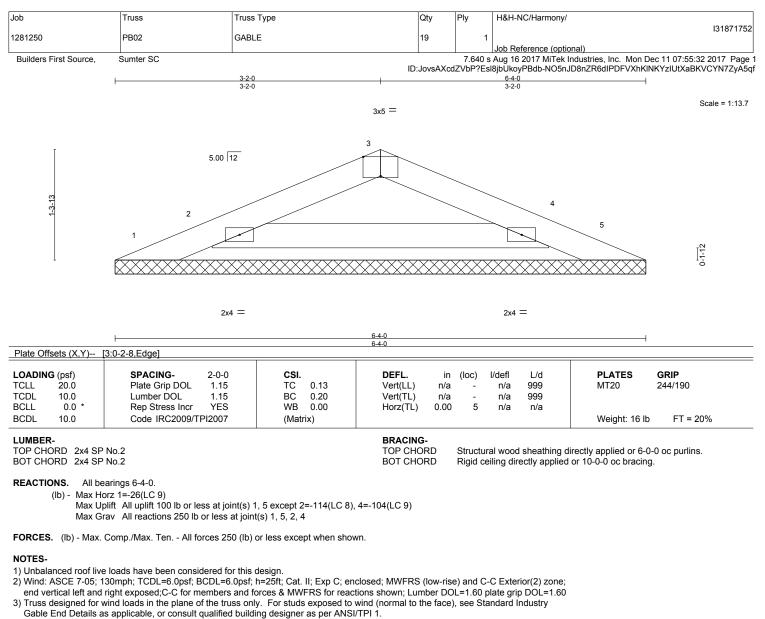
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

8) * This truss has been designed for a live load of 20.0psf 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) 1, 5 except (jt=lb) 2=114, 4=104.
- 10) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.







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