

Trenco 818 Soundside Rd Edenton, NC 27932

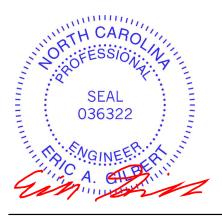
Re: ELV D Roof Roof D

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Builders FirstSource-Apex,NC.

Pages or sheets covered by this seal: I63425184 thru I63425211

My license renewal date for the state of North Carolina is December 31, 2024.

North Carolina COA: C-0844



February 6,2024

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	Roof D	
ELV D Roof	A01	Common	11	1	Job Reference (optional)	163425184

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:27 ID:JkzNl6jLXIrZbTYHkPA?VbyhjJ5-RfC?PsB70Hq3NSqPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1

15-10-5 5-7-7 10-8-8 20-11-0 25-11-11 31-1-8 36-2-9 41-10-0 5-7-7 5-1-1 5-1-13 5-0-11 5-0-11 5-1-13 5-1-1 5-7-7 5x6= 6 3x6 🞜 3x6 👟 27⁵ 7₂₈ 1<u>2</u> 6 2x4 ı 2x4 I 3x6 ≠ 4 8 2x4 🍃 10-9-15 2x4。 3x6. 3 9 2 10 11 0-4-7 ∏ 16 29 15 30 31 13 32 12 14 MT20HS 3x10 = 3x8= MT20HS 3x10 = 4x8= 3x8= 7x10 🞜 7x10 0-11-0 41-10-0 10-8-8 20-11-0 31-1-8 40-11-0 0-11-0 9-9-8 10-2-8 10-2-8 9-9-8 0-11-0 Scale = 1:71.9 Plate Offsets (X, Y): [1:0-0-13,Edge], [11:0-0-13,Edge] 2-0-0 CSI DEFL in l/defl L/d PLATES GRIP Loading (psf) Spacing (loc) TCLL (roof) 20.0 Plate Grip DOL 1.00 TC 0.81 Vert(LL) -0.41 12-14 >999 240 MT20 244/190 Snow (Ps/Pf) 14.5/20.0 Lumber DOL 1.15 BC 0.66 Vert(CT) -0.71 12-14 >704 180 MT20HS 187/143 TCDL Rep Stress Incr WB 0.57 Horz(CT) 10.0 YES 0.11 11 n/a n/a BCLL 0.0 IRC2015/TPI2014 Matrix-MS Code Weight: 238 lb FT = 20% BCDL 10.0 2) Wind: ASCE 7-10; Vult=150mph (3-second gust) LUMBER Vasd=119mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; TOP CHORD 2x4 SP No.2 *Except* 1-3,9-11:2x4 SP SS Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior BOT CHORD 2x4 SP SS zone and C-C Exterior (2) zone; cantilever left and right WEBS 2x4 SP No.3 WEDGE Left: 2x6 SP No.2 exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Right: 2x6 SP No.2 Lumber DOL=1.60 plate grip DOL=1.33 BRACING TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber 3) TOP CHORD Structural wood sheathing directly applied or DOL=1.15 Plate DOL=1.00); Pf=20.0 psf (flat roof 2-7-13 oc purlins. snow); Ps=14.5 psf (roof snow: Lumber DOL=1.15 Plate BOT CHORD Rigid ceiling directly applied or 6-11-1 oc DOL=1.00); Category II; Exp B; Fully Exp.; Ct=1.10; bracing. Unobstructed slippery surface WEBS 1 Row at midpt 6-14, 5-14, 7-14 4) Roof design snow load has been reduced to account for REACTIONS 1=0-3-8 11=0-3-8 (size) slope. Max Horiz 1=-232 (LC 17) Unbalanced snow loads have been considered for this 5) Max Uplift 1=-433 (LC 16), 11=-433 (LC 17) desian. Max Grav 1=1673 (LC 2), 11=1673 (LC 2) All plates are MT20 plates unless otherwise indicated. 6) FORCES (Ib) - Maximum Compression/Maximum 7) This truss has been designed for a 10.0 psf bottom Tension chord live load nonconcurrent with any other live loads. TOP CHORD 1-2=-2678/1168, 2-4=-2526/1091, * This truss has been designed for a live load of 20.0psf 8) 4-5=-2564/1270, 5-6=-1840/967, on the bottom chord in all areas where a rectangle 6-7=-1840/967, 7-8=-2564/1270, 3-06-00 tall by 2-00-00 wide will fit between the bottom MILLIN 8-10=-2526/1091, 10-11=-2678/1168 chord and any other members, with BCDL = 10.0psf. CA BOT CHORD 1-16=-905/2277, 14-16=-565/1889, 9) All bearings are assumed to be SP SS crushing capacity 12-14=-565/1889, 11-12=-905/2277 of 565 psi. \cap WEBS 6-14=-645/1351, 2-16=-108/197, 10) Provide mechanical connection (by others) of truss to 4-16=-371/337, 5-16=-331/671, bearing plate capable of withstanding 433 lb uplift at 5-14=-628/447, 7-14=-628/447, joint 1 and 433 lb uplift at joint 11. or a state of the WILLING IN 7-12=-331/671, 8-12=-371/337, 11) This truss is designed in accordance with the 2015 SEAL 10-12=-108/198 International Residential Code sections R502.11.1 and 036322 NOTES R802.10.2 and referenced standard ANSI/TPI 1. LOAD CASE(S) Standard Unbalanced roof live loads have been considered for 1) this design. GI





818 Soundside Road

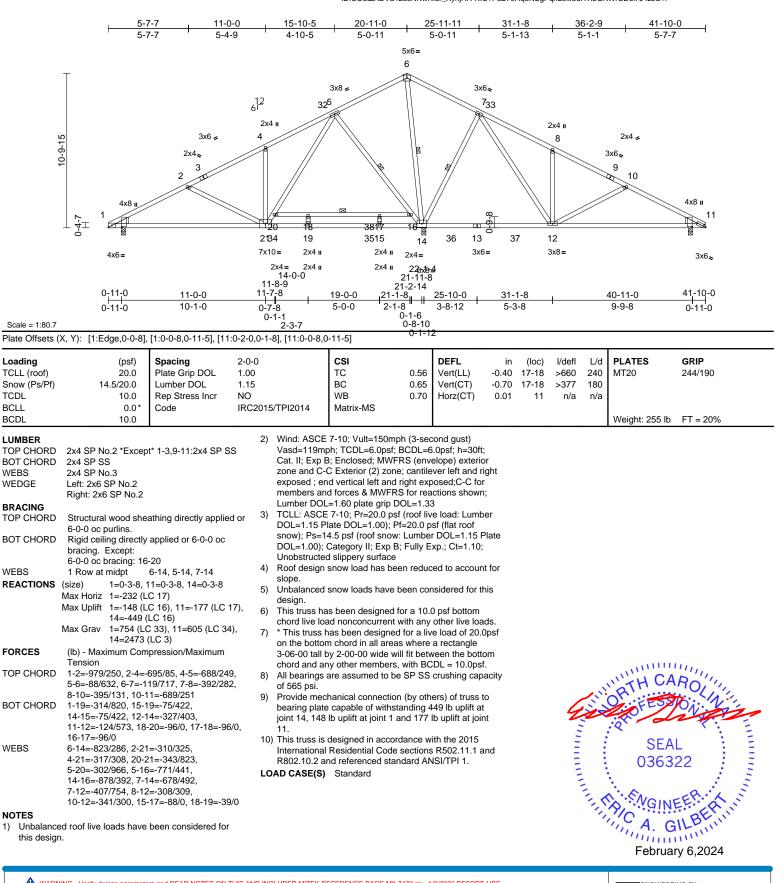
Edenton, NC 27932

February 6,2024

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A01H	Common	5	1	Job Reference (optional)	163425185

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:29 ID:COutZADVa4L6sNRwRlur_XyhjHA-RfC?PsB70Hq3NSqPqnL8w3uITXbGKWrCDoi7J4zJC?f Dore





WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcaccomponents.com)



Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A03	Нір	1	1	Job Reference (optional)	163425186

Run: 8.63 S. Nov. 1.2023 Print: 8.630 S.Nov. 1.2023 MiTek Industries. Inc. Sun Feb.04.08:37:30 ID:Gf?mt2WzQDCECA7LQfubUEyhiCM-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

					ID:Gf?mt2W	ZQDCECA/L	QtubUEyhiCM-R	tC?PsB70Hq3	NSgPqnL8w	3ul I XbG	KWrCD0i/J4zJC	;?t	
	5-6-1	10-10-0		15-6-4	20-5-8	21-4-8 20-11-0	26-5-0	31-6	0	36-7-	12	41-10-0	
	5-6-1	5-3-15		4-8-4	4-11-4	0-5-8	5-0-8	5-1-		5-1-		5-2-3	-
						0-5-8							
						4x8=							
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	4x12 =		5x8=	=		MT20HS 7×	:14 =		5x8=	•		7x1	0.
	0-11-0	10-10-0		20	-11-0		31-	-6-0			40-11-0	41-1	10-0
	0-11-0	9-11-0	1)-1-0	1		-7-0	1		9-5-0	0-1	
Scale = 1:76.6													
Plate Offsets	(X, Y): [1:Edge,0-1-14	I], [6:0-4-2,Edge], [8:0	-4-0,0-1-	15], [13:0-0-13	,Edge], [14:0-4	-0,0-3-0], [1	6:0-4-0,0-3-0]						
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in (lo	c) l/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.00		тс	0.94	Vert(LL)	-0.50 14-	15 >999	240	MT20	244/190	
Snow (Ps/Pf)	14.5/20.0	Lumber DOL	1.15		BC	0.96	Vert(CT)	-0.83 14-		180	MT20HS	187/143	
TCDL	10.0	Rep Stress Incr	YES		WB	0.65	Horz(CT)	0.14	13 n/a	n/a			
BCLL BCDL	0.0* 10.0	Code	IRC201	5/TPI2014	Matrix-MS						Weight: 241	h ET _ 200	<i>.</i>
BCDL	10.0		-								weight. 241	D FI=207	/0
LUMBER			2)	Wind: ASCE				1)			lanced): Lumb	er Increase=	=1.15, P
TOP CHORD	2x4 SP No.2 *Excep 1-3,11-13:2x4 SP S				ph; TCDL=6.0 3; Enclosed; M				Increase= Uniform L		\/ft)		
BOT CHORD	2x4 SP SS *Except*				C Exterior (2)						,,,,, 6-8=-60, 8-13=	-49. 17-22=-	-20
WEBS	2x4 SP No.3				nd vertical left					,	0 00,0 10		20
WEDGE	Left: 2x8 SP DSS				d forces & MV			;					
	Right: 2x8 SP DSS		3)		_=1.60 plate gr CE 7-10; Pr=2			obor					
BRACING	Structured wood ab a	othing directly on the	- /		late DOL=1.00			IDel					
TOP CHORD	2-2-0 oc purlins, exc	eathing directly applied	101	snow); Ps=	varies (min. roo	of snow=14.	5 psf Lumber						
	2-0-0 oc purlins (4-9				late DOL=1.00			ry II;					
BOT CHORD	0 0 ,	applied or 2-2-0 oc		Exp B; Fully surface	Exp.; Ct=1.10	; Unobstruct	ed slippery						
WERS	bracing.		4)		snow load has	s been reduc	ced to account	t for					
WEBS	1 Row at midpt	5-15, 9-15, 7-15	.,	slope.									
REACTIONS	(size) 1=0-3-8,	13=0-3-8	5)	Unbalanced	snow loads ha	ve been co	nsidered for th	nis					

WEB: REACTIONS Max Horiz 1=-226 (LC 17) Max Uplift 1=-434 (LC 16), 13=-434 (LC 17) Max Grav 1=2005 (LC 38), 13=2005 (LC 38) FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-3345/1166, 2-4=-3276/1085, 4-5=-3340/1257, 5-6=-2391/955, 6-7=-1910/855, 7-8=-1910/855, 8-9=-2395/955, 9-10=-3383/1268 10-12=-3303/1090, 12-13=-3313/1153 BOT CHORD 1-13=-901/2861 WEBS 2-16=-115/200, 4-16=-535/329, 5-16=-318/760, 5-15=-810/431, 9-15=-815/438, 9-14=-316/757, 10-14=-543/337, 12-14=-58/253, 7-15=-597/1577

NOTES

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

- Unbalanced snow loads have been considered for this 5) desian.
- Provide adequate drainage to prevent water ponding. 6)
- 7) All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom 8)
- chord live load nonconcurrent with any other live loads. * This truss has been designed for a live load of 20.0psf 9) on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 10) Bearings are assumed to be: Joint 1 SP SS crushing capacity of 565 psi, Joint 13 SP No.1 crushing capacity of 565 psi.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 434 lb uplift at joint 1 and 434 lb uplift at joint 13.
- 12) 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.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- LOAD CASE(S) Standard



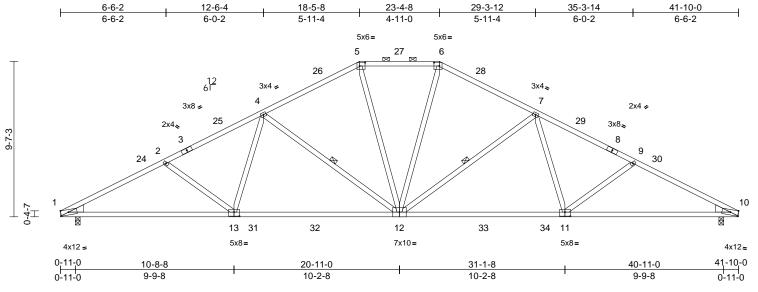
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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A04	Нір	1	1	Job Reference (optional)	163425187

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:30 ID:jmSRp8iyCdlkgtVT?5BuG6yhiDP-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:71.1

Plate Offsets (2	X, Y): [1:Edge,0-1-14], [5:0-4-0,0-2-8], [6:	0-4-0,0-2-8	3], [10:0-5-12,E	Edge], [11:0-4-0,0	-3-0], [13	:0-4-0,0-3-0]						
Loading TCLL (roof) Snow (Ps/Pf)	(psf) 20.0 14.5/20.0	Spacing Plate Grip DOL Lumber DOL	2-0-0 1.00 1.15		CSI TC BC WB	0.82	DEFL Vert(LL) Vert(CT)	in -0.46 -0.78	(loc) 12-13 12-13	l/defl >999 >644	L/d 240 180	PLATES MT20	GRIP 244/190
TCDL BCLL BCDL	10.0 0.0* 10.0	Rep Stress Incr Code	YES IRC201	5/TPI2014	Matrix-MS	0.52	Horz(CT)	0.15	10	n/a	n/a	Weight: 228 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS WEDGE BRACING TOP CHORD	2x4 SP No.1 *Excep 1-3,8-10:2x4 SP SS 2x4 SP No.1 *Excep 2x4 SP No.3 Left: 2x6 SP No.2 Right: 2x6 SP No.2 Structural wood she 2-2-0 oc purlins, exc 2-0-0 oc purlins (3-4	t* 11-10,13-1:2x4 Sf athing directly applie ept	3)	Vasd=119m Cat. II; Exp I zone and C- exposed ; er members an Lumber DOI ** TCLL: AS DOL=1.15 P snow); Ps=	7-10; Vult=150m ph; TCDL=6.0psf; 3; Enclosed; MWF C Exterior (2) zon d vertical left and d forces & MWFF =1.60 plate grip I CE 7-10; Pr=20.0 late DOL=1.00); F varies (min. roof s late DOL=1.00) s	BCDL=6 FRS (env le; cantile l right exp RS for rea DOL=1.3 psf (roof Pf=20.0 p now=14.9	Depsf; h=30ft; elope) exteric ver left and ri posed;C-C for ctions shown live load: Lur sf (flat roof 5 psf Lumber	or ight r i; mber		hiform Lo		b/ft) 5-6=-60, 6-10=-4	9, 14-19=-20
BOT CHORD	Rigid ceiling directly bracing.	applied or 2-2-0 oc	4)	surface	Exp.; Ct=1.10; Ur snow load has be			t for					
	1 Row at midpt (size) 1=0-3-8, 1 Max Horiz 1=-206 (L Max Uplift 1=-439 (L Max Grav 1=1971 (L	C 17) C 16), 10=-439 (LC	, 5) 17) 6)	slope. Unbalanced design. Provide ade	snow loads have quate drainage to	been cor	nsidered for th water ponding	his					
FORCES	(lb) - Maximum Com Tension		8)	chord live lo	as been designed ad nonconcurrent has been designe	with any	other live loa						
TOP CHORD	1-2=-3341/1153, 2-4 4-5=-2295/919, 5-6= 6-7=-2295/919, 7-9= 9-10=-3341/1153	-2094/932,	-,	on the botton 3-06-00 tall l chord and a	m chord in all area by 2-00-00 wide w ny other members are assumed to b	as where vill fit betv s, with BC	a rectangle veen the botto DL = 10.0psf	om f.				OR ESS	ROLIN
BOT CHORD WEBS NOTES	1-10=-887/2871 5-12=-201/688, 6-12 7-12=-898/416, 7-11 9-11=-207/247, 2-13 4-13=-13/384, 4-12=	=-13/384, =-207/247, 898/416	1C 11	of 565 psi. Provide med bearing plate joint 1 and 4) This truss is International	chanical connections capable of withs 39 lb uplift at joint designed in acco Residential Code nd referenced sta	on (by oth standing 4 t 10. rdance w e sections	ers) of truss t 39 lb uplift at ith the 2015 5 R502.11.1 a	to t		4		SEA 0363	L
 Unbalance this design 	ed roof live loads have n.	been considered for	12) Graphical pu	nd referenced sta urlin representatio ation of the purlin	n does no	ot depict the s	size				S. SNOW	Riks

bottom chord.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.00

A. GILDIN February 6,2024

GILB

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A05	Нір	1	1	Job Reference (optional)	163425188

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:31 ID:yhwZ_nBc5jThdQHOYGR1ZFyhiE3-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

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10-8-8 31-1-8 41-10-0 5-10-2 16-5-8 20-11-0 25-4-8 36-3-6 5-10-2 4-10-6 5-9-0 4-5-8 4-5-8 5-9-0 5-1-14 5-6-10 2x4 II 5x6= 5x6= 7 5 27 6 28 2x4 II 3x6 👟 3x6 🞜 2x4 II 89 12 61 34 2x4 👟 8-7-3 26 29 2x4 🞜 2 10 25 30 11 4⊤ 1 N Ø 14 31 32 13 33 34 12 5x8= 7x10= 5x8= 4x12 = 4x12= 41-10-0 10-8-8 20-11-0 31-1-8 40-11-0 10-2-8 10-2-8 0-11-0 9-9-8 9-9-8

Scale = 1:70.9

Plate Offsets (X, Y): [1:Edge,0-1-14], [5:0-3-0,0-2-0], [7:0	-3-0,0-2-0	0], [11:0-5-12,E	Edge], [12:0-4-0,0	-3-0], [14	:0-4-0,0-3-0]						
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC201	5/TPI2014	CSI TC BC WB Matrix-MS	0.84 0.70 0.77	DEFL Vert(LL) Vert(CT) Horz(CT)		(loc) 13-14 13-14 11	l/defl >999 >662 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 235 lb	GRIP 244/190 FT = 20%
FORCES FOP CHORD BOT CHORD VEBS	except 2-0-0 oc purlins (3-9 Rigid ceiling directly bracing. 1 Row at midpt (size) 1=0-3-8, 1 Max Horiz 1=-183 (L Max Uplift 1=-444 (L Max Grav 1=1938 (L (Ib) - Maximum Com Tension 1-2=-3203/1122, 2-4 4-5=-3071/1261, 5-6 6-7=-2172/982, 7-8= 8-10=-2985/1058, 10 1-11=-868/2729 5-14=-391/1004, 5-1 7-13=-129/520, 7-12 8-12=-643/389, 10-1 2-14=-124/198, 4-14 6-13=-529/199 ed roof live loads have	athing directly applied P-9 max.): 5-7. applied or 7-1-0 oc 6-13 11=0-3-8 C 17) C 16), 11=-444 (LC 1 LC 38), 11=1938 (LC opression/Maximum H=-2975/1060, =-2172/982, e-3075/1263, 0-11=-3201/1125 13=-129/520, =-394/1009, 12=-115/211, H=-630/380,	4, 3) 7) 5) 7) 6) 7) 8) 9) 10 11 12	Vasd=119m Cat. II; Exp B zone and C- exposed ; er members an Lumber DOL ** TCLL: AS DOL=1.15 P snow); Ps= v DOL=1.15 P Exp B; Fully surface Roof design slope. Unbalanced design. Provide adee This truss fa chord live loa * This truss I on the bottor 3-06-00 tall I chord and at All bearings of 565 psi. Provide med bearing plate joint 1 and 4) This truss is International R802.10.2 a 2) Graphical pu or the orient bottom chore DAD CASE(S)	Standard	BCDL=6 FRS (env e; cantile I right exp S for rea DOL=1.3; psf (roof Pf=20.0 p now=14. ee load c hobstruct been reduc been con prevent for a 10. with any d for a liv as where e SP SS in (by oth tanding 4 11. rdance w e sections ndard AN n does nd along the	.0psf; h=30ft elope) exteric ver left and ri ossed;C-C foi ctions shown 3 live load: Lur sf (flat roof 5 psf Lumber ases; Catego ed slippery wed to account insidered for th water ponding 0 psf bottom 0 ther live loa e load of 20.0 a rectangle veen the botts DL = 10.0psf bottom care crushing cap ers) of truss t :44 lb uplift at ith the 2015 : R502.11.1 a ISJ/TPI 1. ot depict the s e top and/or	or ght ; nber ry II; t for his g. ds. opsf acity o nd size	Ur		5=-49,	5-7=-60, 7-11=-4	ROLL 22 E.P. E.
			1)		ow (balanced): Lu	mber Inc	rease=1.15, I	Plate				<i>CONTRACT</i>	

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCEL Building Component Schut Information, purplication component of component development properties.



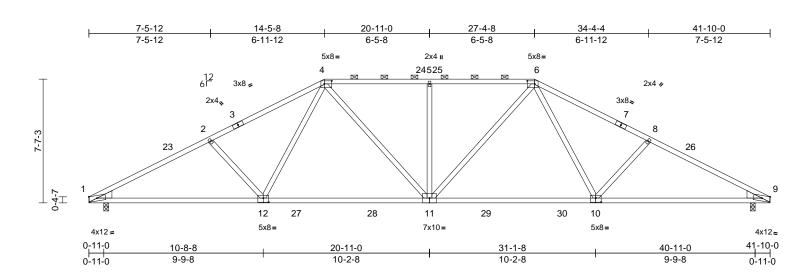
February 6,2024

and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A06	Нір	1	1	Job Reference (optional)	163425189

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:31 ID:uX_THqoXduREoVrEgYsXGVyhiEZ-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:70.7

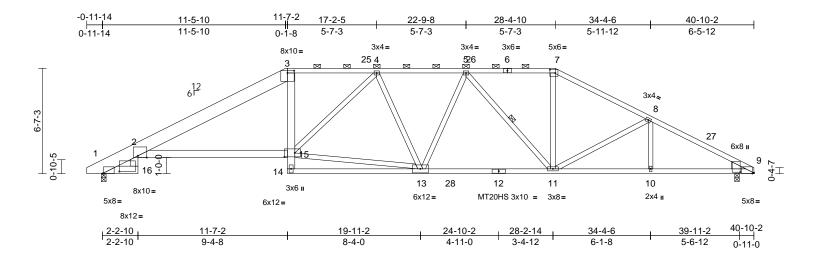
	K, Y): [1:Edge,0-1-14],	, [4.0-5-6,0-2-4], [6.0-	-3-6,0-2-4	ij, [9.0-5-12,E	ugej, [10.0-4-0,0-、 T	5-0], [12.0	J-4-0,0-3-0j					1	
oading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
CLL (roof)	20.0	Plate Grip DOL	1.00		TC	1.00	Vert(LL)		11-12	>999	240	MT20	244/190
now (Ps/Pf)	14.5/20.0	Lumber DOL	1.15		BC	0.72	Vert(CT)		11-12	>666	180		
CDL	10.0	Rep Stress Incr	YES		WB	0.79	Horz(CT)	0.12	9	n/a	n/a		
CLL	0.0*	Code	IRC2015	5/TPI2014	Matrix-MS								
CDL	10.0											Weight: 210 lb	FT = 20%
UMBER			3)		CE 7-10; Pr=20.0			mber					
OP CHORD	2x4 SP SS *Except* 4	4-6:2x4 SP No.1			late DOL=1.00);								
OT CHORD	2x4 SP SS				varies (min. roof s								
/EBS	2x4 SP No.3				late DOL=1.00) s			ory II;					
/EDGE	Left: 2x6 SP No.2				Exp.; Ct=1.10; U	nobstruct	ed slippery						
	Right: 2x6 SP No.2			surface									
RACING			4)	•	snow load has be	en reduc	ed to accour	nt for					
OP CHORD	Structural wood shea	thing directly applied	, –	slope.									
	except		ý 5)		snow loads have	peen cor	isidered for t	nis					
	2-0-0 oc purlins (2-9-		0)	design.	avete dreine re te		unter nondin.	~					
OT CHORD	Rigid ceiling directly a	applied or 7-1-0 oc	6) 7)		quate drainage to as been designed			g.					
	bracing.		7)		ad nonconcurrent			de					
EACTIONS	(size) 1=0-3-8, 9=	=0-3-8	8)		has been designe								
	Max Horiz 1=-161 (LC	C 17)	0)		m chord in all area			opsi					
	Max Uplift 1=-448 (LC				by 2-00-00 wide w		0	om					
l	Max Grav 1=1901 (L0	C 38), 9=1901 (LC 38	3)		ny other members								
ORCES	(lb) - Maximum Comp	pression/Maximum	9)		are assumed to b								
	Tension		,	of 565 psi.			U .						
OP CHORD	1-2=-3098/1125, 2-4=	,	10		hanical connectio								
	4-5=-2534/1051, 5-6=	,			e capable of withs		48 lb uplift at	t					
	6-8=-2720/1073, 8-9=	=-3098/1125			48 lb uplift at joint							IIIIIII	1111
OT CHORD	1-9=-858/2631		11		designed in acco							W'LL CA	Pall
/EBS	4-12=-129/591, 2-12=	,			Residential Code			and			1	alli	10/11/
	4-11=-181/669, 5-11=		10		nd referenced sta					/	S	O FSS	B: All
	6-11=-181/669, 6-10= 8-10=-505/347	=-129/591,	12		Irlin representatio			size		4	1	201	a line
	0-10=-505/347				ation of the purlin	along the	e top and/or			-		ion - a	
OTES				bottom chor						-	5 B		
	d roof live loads have b	been considered for		DAD CASE(S)				B I <i>i</i>		=	:	SEA	L : :
this design		(0	1)		ow (balanced): Lu	imber Inc	rease=1.15,	Plate		=		0363	22
	E 7-10; Vult=150mph (nph; TCDL=6.0psf; BC			Increase=1						-		0303	
	B; Enclosed; MWFRS			Uniform Lo	· · /	0 40 42	10 00					1. State 1.	1 - E - E
	C-C Exterior (2) zone; c		ht	vent. 1-4	=-49, 4-6=-60, 6-	9=-49, 13	-10=-20			5	-	A. A.	airs
	end vertical left and right	0									15	GINI	EFICAN
	and forces & MWFRS for										11		alli
	DL=1.60 plate grip DOL	,										A. G	ILD III
20	p.a.o gp DOL											. A. G	11111
												Februar	ry 6,2024
												i coruai	y 0,2027

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A07	Нір	1	1	Job Reference (optional)	163425190

Run: 8,63 E Feb 9 2023 Print: 8,630 E Feb 9 2023 MiTek Industries, Inc. Tue Feb 06 14:23:59 ID:S5keLgYAxXrNpIzwWY5qy_yhiNx-WGoxvWZYyXrlpKwfdWGw9ION4NkwPTU?Fe_IEWzo05m Page: 1



Scale = 1:72.2

Scale = 1.72.2													
Plate Offsets (X, Y): [1:0-0-12,Edge	e], [2:0-6-11,Edge], [3	3:0-5-0,0-1	-12], [7:0-4-0,0)-2-8], [9:0-1-3,Ed	ge], [9:0-	0-8,0-10-5],	[15:0-7-1	2,0-3-0]	, [16:1-0	-10,0-1	1-8]	
Loading TCLL (roof) Snow (PS/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC201	5/TPI2014	CSI TC BC WB Matrix-MS	0.88 0.98 0.80	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.31 -0.59 0.29	(loc) 11-13 2-15 9	I/defl >999 >827 n/a	L/d 240 180 n/a	PLATES MT20 MT20HS Weight: 267 lb	GRIP 244/190 187/143 FT = 20%
		1			ļ							, , ,	-
LUMBER TOP CHORD BOT CHORD		ot* 2-15:2x6 SP DSS		Vasd=119m Cat. II; Exp E zone and C-	7-10; Vult=150m oh; TCDL=6.0psf; 3; Enclosed; MWF C Exterior (2) zon	BCDL=6 RS (env e; cantile	6.0psf; h=30fi elope) exteri ever left and r	or right		Vert: 1-: 2-15=-2			, 7-9=-49, 16-17=-20,
WEBS	14-12:2x4 SP No.2, 2x4 SP No.3 *Excep		റ		nd vertical left and d forces & MWFR								
WEDGE	Right: 2x6 SP No.2	JU 13-13.284 SF NU.	2		=1.60 plate grip [',					
BRACING	· · · g· · · · _ · · · · · · · -		3)		CE 7-10; Pr=20.0			mber					
TOP CHORD	Structural wood she except 2-0-0 oc purlins (2-6	eathing directly applie	ed,	snow); Ps= \	late DOL=1.00); F /aries (min. roof s late DOL=1.00) se		5 psf Lumber						
BOT CHORD	Rigid ceiling directly bracing.	,		Exp B; Fully surface	Exp.; Ct=1.10; Ur	nobstruct	ed slippery						
WEBS	1 Row at midpt	5-11	4)	•	snow load has be	en reduc	ed to accour	nt for					
REACTIONS	(lb/size) 1=1469/0	-3-8, 9=1533/0-3-8	5)	slope. Unbalanced	snow loads have	been cor	nsidered for t	his					
	Max Horiz 1=-145 (L		- /	design.	Show loads have	been coi		1115					
	Max Uplift 1=-314 (L		$\frac{1}{2}$		quate drainage to								
FORCES	Max Grav 1=1738 (I	ax. Ten All forces 2	· ')		MT20 plates unl			ed.					
FURCES	(lb) or less except w		250 8)		as been designed ad nonconcurrent			ade					
TOP CHORD	1-2=-1015/409, 2-3=		9)		has been designe								11.
	3-25=-2995/1111, 4	,	,	on the bottor	n chord in all area	as where	a rectangle	•				White CA	Dall
	4-5=-3106/1106, 5-2 6-26=-2474/976, 6-7				oy 2-00-00 wide w						1	athon	70/11/
	7-8=-2762/1012, 8-2	,	10		ny other members int(s) 1 considers					/	S.	O. FESS	On Vie
	9-27=-2812/1029	,			FPI 1 angle to gra			,		2	××		2 and
BOT CHORD	1-16=-122/358, 2-16				ould verify capacit					-		2	S : 2
	2-15=-813/3090, 3-1 13-14=-107/402, 13-		11		hanical connectio					=		SEA	L E
	12-28=-775/3072, 1				e capable of withs 38 lb uplift at joint		14 lb uplift a	t		=		0363	• –
	10-11=-812/2392, 9	,	12		Irlin representation		ot depict the	size				0303	E
WEBS	13-15=-718/2860, 7	,		or the orientation of the purlin along the top and/or									
	8-11=-423/255, 4-13 4-15=-369/208, 5-11			bottom chord.									
NOTES	+-10=-00 <i>8</i> /200, 0-11	1-313/200		Dood L Sm		mborles	1 15	Dioto			1	PLO GIN	Et in
	ed roof live loads have	been considered for	. 1)	Increase=1	ow (balanced): Lu .00	mper inc	rease=1.15,	riate				11. A. G	ILDUN
this design			Increase=1.00 Uniform Loads (lb/ft)						11111				
-					. ,							Echrucy	N 6 2024

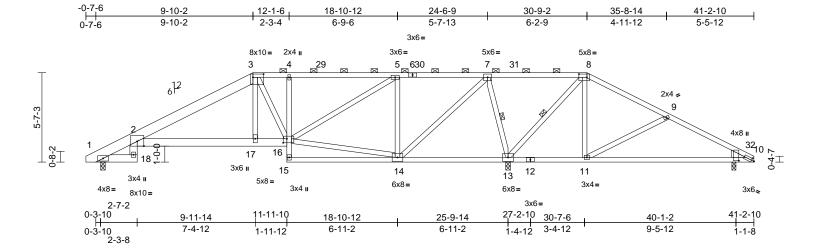
818 Soundside Road Edenton, NC 27932

February 6,2024

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A08	Нір	1	1	Job Reference (optional)	163425191

Run: 8.63 E Aug 30 2023 Print: 8.630 E Aug 30 2023 MiTek Industries, Inc. Tue Feb 06 17:37:37 ID:5WmBu5F27fMYTsIMIZhk6PyhiPc-alvPdvw7SyPV7dvaq_6beTfAjTg1?rcNGUnd4?znzGC Page: 1



Scale = 1:72.1

Plate Offsets (late Offsets (X, Y): [3:0-8-0,0-2-8], [8:0-6-0,0-2-8], [10:0-2-0,0-1-8], [10:0-0-8,0-11-5], [16:0-2-12,0-3-0]														
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(ps 20. 14.5/20. 10. 0. 10.	0 Plate Grip I 0 Lumber DC 0 Rep Stress 0* Code	DL	2-0-0 1.00 1.15 YES IRC201	15/TPI2014	CSI TC BC WB Matrix-MS	0.81 0.81 0.71	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.20 -0.32 0.14	(loc) 2-17 2-17 13	l/defl >999 >969 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 254 lb	GRIP 244/190 FT = 20%	
LUMBER TOP CHORD BOT CHORD WEBS WEDGE BRACING TOP CHORD BOT CHORD WEBS REACTIONS	6-8:2x4 SP No. 2x6 SP No.2 *E: 15-12,12-10:2x/ 2x4 SP No.3 Right: 2x6 SP N Structural wood 6-0-0 oc purlins 2-0-0 oc purlins Rigid ceiling diru bracing. 1 Row at midpt (lb/size) 1=74 13=2 Max Horiz 1=-12 Max Horiz 1=-12 Max Grav 1=90 13=2	xcept* 4-15:2x4 S \$ SP No.2 o.2 sheathing directl, , except (3-4-11 max.): 3- ectly applied or 5- 8-13, 7-13 4/0-3-8, 10=203/C 126/0-3-8 20 (LC 17), 16 (LC 16), 10=-11. 76 (LC 13) 8 (LC 39), 10=474 738 (LC 38)	SP No.3, y applied -8. -9-8 oc -3-0, 48 (LC 1 4 (LC 43)	N 1 1 or 2 3 7),	OTES) Unbalanced this design.) Wind: ASCE Vasd=119m Cat. II; Exp zone and C exposed ; e members an Lumber DO) ** TCLL: AS DOL=1.15 F snow); Ps= DOL=1.15 F Exp B; Fully surface	3-17=-14/406, 3- 14-16=-211/460, 8-11=-57/413, 9- 5-14=-1103/424, 7-14=-511/1705, I roof live loads ha E 7-10; Vult=150m ph; TCDL=6.0psf B; Enclosed; MW C Exterior (2) zon nd vertical left and nd forces & MWFI L=1.60 plate grip SCE 7-10; Pr=20.0 Plate DOL=1.00); s Plate DOL=1.00); s Exp.; Ct=1.10; U	8-13=-12 11=-574/3 5-16=-33 7-13=-18 ave been in hph (3-sec ; BCDL=6 FRS (env) FRS (env) RS for rea DOL=1.3; 0 psf (roof) Pf=20.0 ps nos=14.4; see load c inobstruct	49/481, i24, 5/881, 95/621 considered for cond gust) .0psf; h=30ft elope) exteric ver left and ri vosed;C-C for ctions shown 3 live load: Lur sf (flat roof 5 psf Lumber ases; Catego ed slippery	; or ight i; mber ory II;	or t bott LOAD (1) De In Ur	he orien tom choi CASE(S ead + Sr crease= niform Lo Vert: 1-: 18-24=-	tation o rd.) Stan how (ba 1.00 bads (ll 2=-49, .20, 2-1	of the purlin alor ndard alanced): Lumbe b/ft) 2-3=-49, 3-8=-6 16=-20, 15-19=-:		
FORCES		p./Max. Ten All	forces 2	50 4	slope.	snow load has b							WITH CA	ROUL	
TOP CHORD	1-2=-517/212, 2 3-4=-1320/391, 5-29=-1344/402 6-30=-573/211, 7-31=-394/1234 8-9=-254/535, 9 1-18=-130/281, 2-17=-243/1278 4-16=-554/228,	-3=-1424/362, 4-29=-1344/402, 5-6=-573/211, -7-30=-573/211, -8-31=-394/1234 -10=-341/322, 10 2-18=-87/270, 5, 16-17=-243/128 13-14=-986/546, -11-12=-383/364)-32=-279 39,	5 6 7 9/37 8 9	 design. Provide ade This truss h chord live lc * This truss on the botto 3-06-00 tall chord and a Provide me bearing plat 	I snow loads have equate drainage to as been designed ad nonconcurren has been designed m chord in all are by 2-00-00 wide to ny other member chanical connection e capable of with 8 Ib uplift at joint 1	o prevent I for a 10. t with any ed for a liv eas where will fit betw s. on (by oth standing 5	water ponding 0 psf bottom other live loa e load of 20.0 a rectangle ween the botto ers) of truss t i76 lb uplift at	g. Ids. Dpsf om to		Willing		SEA 0363	EER A	Mannanna

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 **ANSUTP11 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcaccomponents.com)



818 Soundside Road Edenton, NC 27932

February 6,2024

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A09	Нір	1	1	Job Reference (optional)	163425192

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:33 ID:R7xy5kHtz4HvtZA_3mF_tYyhiQs-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1

32-4-10 7-5-10 11-8-14 18-6-5 25-5-8 40-10-2 6-11-3 7-5-10 4-3-4 6-9-7 6-11-3 8-5-8 4x8= 2x4 II 4x8= 3x6= 4x6= 5x6= 3 26 4 5 27 6 7 28 ⊠ 8 6¹² 4-7-3 4x12 🛚 0-10-5 0-0q 0-4-7 T 16 17 14 12 2x4 II 13 11 10 8x12= 2x4 ı 4x6= 4x6= 3x4 II 3x8= 4x6= 4x6= 3x6= 6x8 🞜 7x10= 26-10-2 40-10-2 2-2-10 7-7-6 18-6-5 25-5-6 32-2-14 39-8-10 11-7-2 5-4-12 3-11-12 6-11-3 6-11-1 1-4-12 5-4-12 7-5-12 1-1-8

Scale = 1:72.1

Plate Offsets (2	X, Y): [1:0-4-0,Edge],	[2:0-6-11,Edge], [2:0	-3-12,0-2-	13], [3:0-5-4,0	-2-0], [8:0-3-8,0-2-	4], [9:Eo	dge,0-0-8], [9	:0-0-8,E	dge]				
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC2015	5/TPI2014	CSI TC BC WB Matrix-MS	0.96 0.58 0.86	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.13 -0.23 0.12	(loc) 4 13-14 12	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 242 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS WEDGE BRACING TOP CHORD	2x4 SP No.1 *Except 8-9:2x4 SP No.2 2x4 SP No.2 *Except No.2, 4-14:2x4 SP No 2x4 SP No.3 Right: 2x8 SP DSS Structural wood shea	t* 17-2,2-15:2x6 SP o.3	2)	this design. Wind: ASCE Vasd=119mp Cat. II; Exp E zone and C-(exposed ; en members an Lumber DOL	roof live loads hav 7-10; Vult=150mp bh; TCDL=6.0psf; f 3; Enclosed; MWFI C Exterior (2) zone d vertical left and 1 d forces & MWFRS =1.60 plate grip D	h (3-sec 3CDL=6 RS (env ; cantile right exp 6 for rea 0L=1.3	cond gust) 0.0psf; h=30ft elope) exterio ver left and r bosed;C-C for ctions showr 3	; or ight r;	or t bot LOAD 1) De In	he orien tom cho CASE(S ead + Sr crease= niform L	tation o rd.) Star now (ba 1.00 oads (II 2=-49,	of the purlin along ndard alanced): Lumber b/ft) 2-3=-49, 3-8=-60	s not depict the size the top and/or Increase=1.15, Plat , 8-9=-49, 17-18=-20
BOT CHORD	except 2-0-0 oc purlins (2-2- Rigid ceiling directly a bracing, Except: 5-10-4 oc bracing: 10 6-0-0 oc bracing: 9-1	applied or 10-0-0 oc 0-12	3)	DOL=1.15 Pl snow); Ps= v DOL=1.15 Pl Exp B; Fully surface	CE 7-10; Pr=20.0 p late DOL=1.00); Pf varies (min. roof sn late DOL=1.00) se Exp.; Ct=1.10; Uno	=20.0 p ow=14.4 e load c obstruct	sf (flat roof 5 psf Lumber ases; Catego ed slippery	ory II;					
		C 16), 9=-265 (LC 17 LC 13) C 39), 9=725 (LC 39),	7) (7)	slope. Unbalanced design. Provide adeo This truss ha chord live loa	snow load has bee snow loads have b quate drainage to p is been designed fo ad nonconcurrent v	peen cor prevent por a 10.0 vith any	nsidered for th water ponding D psf bottom other live loa	his g. Ids.					11111
FORCES TOP CHORD	(lb) - Maximum Comp Tension 1-2=-453/218, 2-3=-1 3-4=-2118/796, 4-5=-	1908/666, -2129/804,	9)	on the bottor 3-06-00 tall b chord and ar All bearings	has been designed in chord in all areas by 2-00-00 wide wil by other members. are assumed to be	s where Il fit betv	a rectangle veen the botte	•		4	i	OR FESS	ROUN
BOT CHORD	5-7=-192/940, 7-8=-3 1-17=-85/139, 2-17=- 15-16=-458/1764, 14 4-15=-604/237, 13-14 12-13=-295/1033, 10 9-10=-138/396	-20/85, 2-16=-460/17 I-15=0/122, 4=-26/172,	57, 10	using ANSI/I designer sho) Provide mec	int(s) 1 considers p PI 1 angle to grain ruld verify capacity hanical connection	of bear of bear (by oth	a. Building ing surface. ers) of truss t	to				SEA 0363	
WEBS NOTES	9-10=-138/396 3-16=0/252, 3-15=-2 5-15=-352/1213, 5-1 5-12=-2323/528, 7-1 7-10=-242/1097, 8-10	3=0/220, 2=-1372/420,		joint 1, 583 lt) This truss is International	e capable of withsta o uplift at joint 12 a designed in accord Residential Code and referenced stan	nd 265 Jance w sections	lb uplift at joir ith the 2015 s R502.11.1 a	nt 9.			ununut.	SEA 0363	EER. KINN

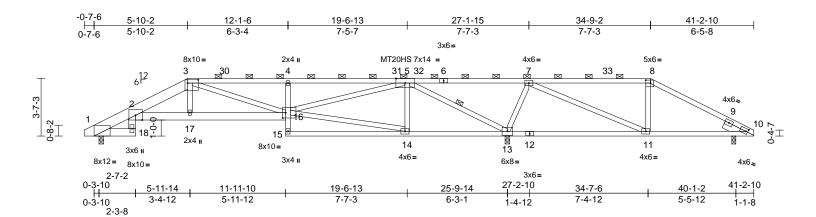
February 6,2024

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A10	Нір	1	1	Job Reference (optional)	163425193

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:34 ID:McMjYjsUW8YVLakVjheYdtyhiSh-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:72

Plate Offsets (X, Y): [3:0-8-0,0-2-8]	, [5:0-6-12,Edge], [8:0)-3-8,0-2	-4], [10:0-1-8,0-	2-0], [16:0-2-4,0-4	1-0]							
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC20	15/TPI2014	CSI TC BC WB Matrix-MS	0.99 0.83 0.94	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.24 -0.38 0.15	(loc) 4 14-15 13	l/defl >999 >815 n/a	L/d 240 180 n/a	PLATES MT20 MT20HS Weight: 227 lb	GRIP 244/190 187/143 FT = 20%
	15-12,12-10:2x4 SP 2x4 SP No.3 Right 2x6 SP No.2 - Structural wood she 5-8-8 oc purlins, ext 2-0-0 oc purlins (2-2 Rigid ceiling directly bracing. 1 Row at midpt (size) 1=0-3-8,	S-8:2x4 SP SS ot* 4-15:2x4 SP No.3, No.2 - 1-5-2 eathing directly applie cept 2-0 max.): 3-8. <i>y</i> applied or 4-7-1 oc 5-13 10=0-3-0, 13=0-3-8	3	Vasd=119m Cat. II; Exp B zone and C exposed; er members an Lumber DOL) ** TCLL: AS DOL=1.15 P snow); PS= v DOL=1.15 P Exp B; Fully surface) Roof design slope.	7-10; Vult=150m ph; TCDL=6.0psf; 3; Enclosed; MWF C Exterior (2) zon d vertical left and d forces & MWFR =1.60 plate grip D CE 7-10; Pr=20.0 late DOL=1.00); F varies (min. roof s late DOL=1.00) sv Exp.; Ct=1.10; Ur snow load has be snow loads have	BCDL=6 RS (env right exp S for rea DOL=1.3: psf (roof Pf=20.0 p now=14. ee load c hobstruct	6.0psf; h=30ft; elope) exterior wer left and rig ossed;C-C for ctions shown; 3 live load: Lum sf (flat roof 5 psf Lumber ases; Categor ed slippery wed to account	ght nber ry II; for	Inte R8(15) Gra or t bott LOAD (1) De In Ur	ernationa 02.10.2 a aphical p he orien tom choi CASE(S ead + Sr crease= niform Lo Vert: 1-2	Il Resid and ref urlin re tation o rd.) Sta now (ba 1.00 bads (l 2=-49,	ferenced standard epresentation doe of the purlin along ndard alanced): Lumber	ions R502.11.1 and d ANSI/TPI 1. s not depict the size the top and/or Increase=1.15, Plat s, 8-10=-49,
	Max Horiz 1=-76 (LC Max Uplift 1=-293 (L 13=-672 (Max Grav 1=917 (L) 13=3011 (lb) - Maximum Con Tension 1-2=-565/239, 2-3=- 3-4=-2732/842, 4-5=	LC 16), 10=-205 (LC - (LC 13) C 38), 10=515 (LC 39 (LC 38) npression/Maximum -2178/653,	~~ C	 All plates are This truss has chord live load * This truss live load on the botton 3-06-00 tall live 	quate drainage to a MT20 plates unleas been designed ad nonconcurrent has been designed or chord in all area by 2-00-00 wide w hy other members	ess other for a 10.0 with any d for a liv as where vill fit betw	wise indicated 0 psf bottom other live load e load of 20.0 a rectangle	t. ts. psf				WITH CA	ROLAT
BOT CHORD	1-18=-124/301, 2-18 2-17=-531/2056, 16 15-16=0/141, 4-16= 13-14=-153/543, 11 10-11=-103/219 3-17=0/264, 3-16=-5 5-16=-580/2259, 5-	-17=-529/2071, -746/292, 14-15=-37/ -13=-1458/357, 291/701, 14-16=-126/ 14=0/253,	¹ 236, ¹ ^{(311, 1}	 WARNING: than input be capacity of 5 of 565 psi, J psi. Provide med bearing plate 	Required bearing earing size. e assumed to be: v i65 psi, Joint 13 S oint 10 SP No.2 c chanical connectio e at joint(s) 10.	size at jo Joint 1 SI P No.2 c rushing c n (by oth	P No.2 crushin rushing capac apacity of 565 ers) of truss to	ng ity 5		Contraction of the second seco		SEA 0363	L 22
NOTES 1) Unbalance this design	5-13=-2939/771, 7- ⁻ 7-11=-342/1521, 8- ⁻ ed roof live loads have n.	11=-462/215	1	bearing plate	hanical connectio e capable of withs lb uplift at joint 13	tanding 2	205 Ib uplift at					A. G	

NOTES

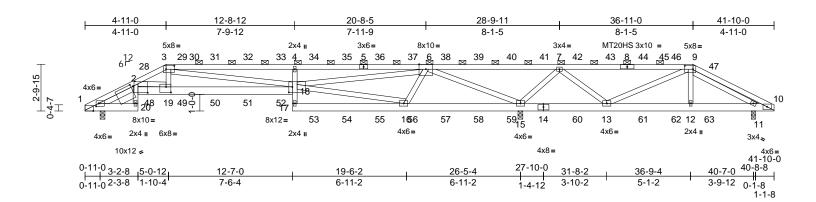


February 6,2024

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A11GR	Hip Girder	1	2	Job Reference (optional)	163425194

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:39 ID:E77hqeoTG6Dx0VCGwoq7oqyhinR-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:70

Plate Offsets (X, Y): [1:0-2-0,0-2-1]	, [1:0-4-0,Edge], [2:0-	10-11,0-4	-12], [2:0-1-12	,0-2-0], [3:0-6-0,0	-2-8], [9:0)-6-0,0-2-8], [[18:0-2-8	3,0-4-0],	[19:0-3-	8,0-4-0	D]	
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 NO IRC201	5/TPI2014	CSI TC BC WB Matrix-MS	0.90 0.67 0.89	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.29 -0.43 0.15	4 4		L/d 240 180 n/a	PLATES MT20 MT20HS Weight: 495 lb	GRIP 244/190 187/143 FT = 20%
_													
LUMBER TOP CHORD BOT CHORD WEBS SLIDER BRACING	2x4 SP No.2 *Excep 5-8:2x4 SP SS 2x6 SP No.2 *Excep 2-18:2x6 SP DSS, 4 2x4 SP No.3 Left 2x4 SP No.2	ot* 20-2:2x4 SP No.1 I-17:2x4 SP No.2	,	(0.131"x3") r Top chords c oc. Bottom chord staggered at Web connec	b be connected to hails as follows: connected as follo ds connected as : 0-9-0 oc, 2x4 - 1 ted as follows: 2x considered equa	ows: 2x4 follows: 2 row at 0 4 - 1 row	- 1 row at 0-9 x6 - 2 rows .9-0 oc. at 0-9-0 oc.	1-0	ca 13) Pro be joir 11 14) Th	pacity of pvide me aring pla nt 15, 529 is truss is	565 ps chanic te capa 9 lb up s desig	cal connection (by able of withstandi lift at joint 1 and 1 gned in accordance	others) of truss to ng 1630 lb uplift at 90 lb uplift at joint
TOP CHORD	Structural wood she 5-10-6 oc purlins, e 2-0-0 oc purlins (5-1 Rigid ceiling directly	1-8 max.): 3-9.		except if note CASE(S) see provided to c unless other	ed as front (F) or ction. Ply to ply co distribute only loa wise indicated.	back (B) onnection ds noted	face in the LC s have been as (F) or (B),		15) Gr or	aphical p	ourlin re tation	ferenced standard epresentation doe of the purlin along	s not depict the size
	bracing. (size) 1=0-3-8, Max Horiz 1=-55 (LC Max Uplift 1=-529 (L 15=-1630C Max Grav 1=1231 (l 15=3924	LC 12), 11=-190 (LC 5) (LC 9) LC 33), 11=336 (LC 3	4) 56),	this design. Wind: ASCE Vasd=119mj Cat. II; Exp E zone; cantile and right exp	roof live loads ha 7-10; Vult=150m ph; TCDL=6.0psf 3; Enclosed; MWi wer left and right posed; Lumber D	iph (3-seo ; BCDL=6 FRS (env exposed	cond gust) 5.0psf; h=30ft elope) exterio ; end vertical	; or					
FORCES	(lb) - Maximum Con Tension 1-2=-565/260, 2-3=- 3-4=-4178/1811, 4-6 6-7=-1973/4643, 7-5	-3517/1457, 6=-3890/1742,	5)	DOL=1.15 P snow); Ps= v DOL=1.15 P Exp B; Fully	CE 7-10; Pr=20.0 late DOL=1.00); l varies (min. roof s late DOL=1.00) s Exp.; Ct=1.10; U	Pf=20.0 p now=14. ee load c	sf (flat roof 5 psf Lumber ases; Catego					TH CA	ROLIN
BOT CHORD	9-10=-212/163 1-20=-53/36, 2-20=- 2-19=-1225/3036, 1 17-18=0/157, 4-18= 16-17=-245/603, 15 13-15=-2840/1295, 11-12=-187/232, 10	8-19=-1304/3229, -909/479, -16=-555/165, 12-13=-178/234,	6) 7) 8)	slope. Unbalanced design. Provide adeo	snow load has be snow loads have quate drainage to	been co	nsidered for th water ponding	his g.		G	à	SEA 0363	
WEBS NOTES	3-19=-338/908, 3-18 16-18=-957/397, 6- 6-16=-26/523, 6-15= 7-15=-2595/1140, 7	8=-543/965, 18=-1851/4301, =-4471/2068,	11	 i) This truss has chord live los) * This truss has on the bottor 3-06-00 tall b 	MT20 plates un as been designed ad nonconcurrent has been designe m chord in all are by 2-00-00 wide v hy other members	for a 10. with any d for a liv as where vill fit bety	0 psf bottom other live loa re load of 20.0 a rectangle	ads. Opsf			A DESTRUCTION OF THE PARTY OF T	SEA 0363	EER. K IN

February 6,2024

Page: 1

Continued on page 2 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 ANSUTP11 Quality Criteria and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information a valiable from the Structural Building Component Association (www.sbaccomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A11GR	Hip Girder	1	2	Job Reference (optional)	163425194

Run: 8.63 S. Nov. 1.2023 Print: 8.630 S.Nov. 1.2023 MiTek Industries. Inc. Sun Feb.04.08:37:39

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Page: 2

Builders FirstSource (Apex, NC), Apex, NC - 27523,

16) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 82 lb down and 51 lb up at 3-11-0, 44 lb down and 53 lb up at 5-11-0, 44 lb down and 53 lb up at 7-11-0, 44 lb down and 53 lb up at 9-11-0, 44 lb down and 53 lb up at 11-11-0, 58 lb down and 76 lb up at 13-11-0, 58 lb down and 76 lb up at 15-11-0, 58 lb down and 76 lb up at 17-11-0, 58 lb down and 76 lb up at 19-11-0, 58 lb down and 76 lb up at 21-11-0, 58 lb down and 76 lb up at 23-11-0, 58 lb down and 76 lb up at 25-11-0, 62 lb down and 82 lb up at 27-11-0, 62 lb down and 82 lb up at 29-11-0, 62 lb down and 82 lb up at 31-11-0, 62 lb down and 82 lb up at 33-11-0, and 62 lb down and 82 lb up at 35-11-0, and 70 lb down and 54 lb up at 37-11-0 on top chord, and 95 lb down and 54 lb up at 3-11-0, 46 lb down and 40 lb up at 5-11-0, 46 lb down and 40 lb up at 7-11-0, 46 lb down and 40 lb up at 9-11-0, 46 lb down and 40 lb up at 11-11-0, 30 lb down and 16 lb up at 13-11-0, 30 lb down and 16 lb up at 15-11-0, 30 lb down and 16 lb up at 17-11-0, 30 lb down and 16 lb up at 19-11-0, 30 lb down and 16 lb up at 21-11-0, 30 lb down and 16 lb up at 23-11-0, 30 lb down and 16 lb up at 25-11-0, 37 lb down at 27-11-0, 37 lb down at 29-11-0, 37 lb down at 31-11-0, 37 lb down at 33-11-0, and 37 lb down at 35-11-0, and 72 lb down and 42 lb up at 37-11-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 1-2=-49, 2-3=-49, 3-9=-60, 9-10=-49, 1-20=-20, 2-18=-20, 10-17=-20

Concentrated Loads (lb)

Vert: 14=-19 (F), 13=-19 (F), 28=-62 (F), 29=-16 (F), 31=-16 (F), 32=-16 (F), 33=-16 (F), 34=-30 (F), 35=-30 (F), 36=-30 (F), 37=-30 (F), 38=-30 (F), 39=-30 (F), 40=-30 (F), 41=-34 (F), 42=-34 (F), 43=-34 (F), 44=-34 (F), 46=-34 (F), 47=-50 (F), 48=-95 (F), 49=-40 (F), 50=-40 (F), 51=-40 (F), 52=-40 (F), 53=-27 (F), 54=-27 (F), 55=-27 (F), 56=-27 (F), 57=-27 (F), 58=-27 (F), 59=-27 (F), 60=-19 (F), 61=-19 (F), 62=-19 (F), 63=-72 (F)

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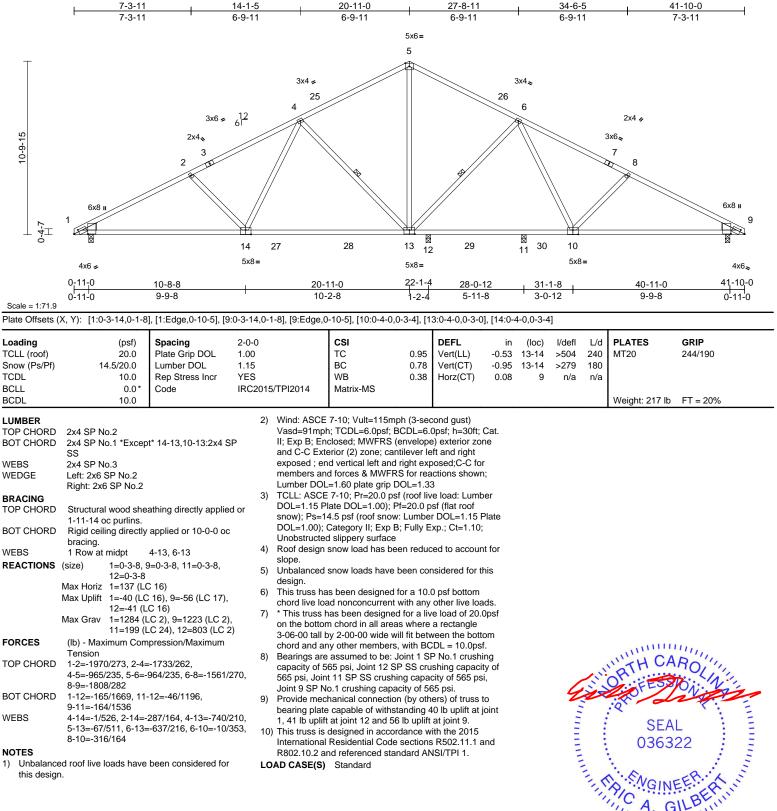
Edenton, NC 27932

besign value for dase only with with with exercities. This design is based only upon parameters shown, and is for an individual funding deniging 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 and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A12	Common	4	1	Job Reference (optional)	163425195

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:40 ID:rnWSRywFN07iqFo51TNFjGyhfA9-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f





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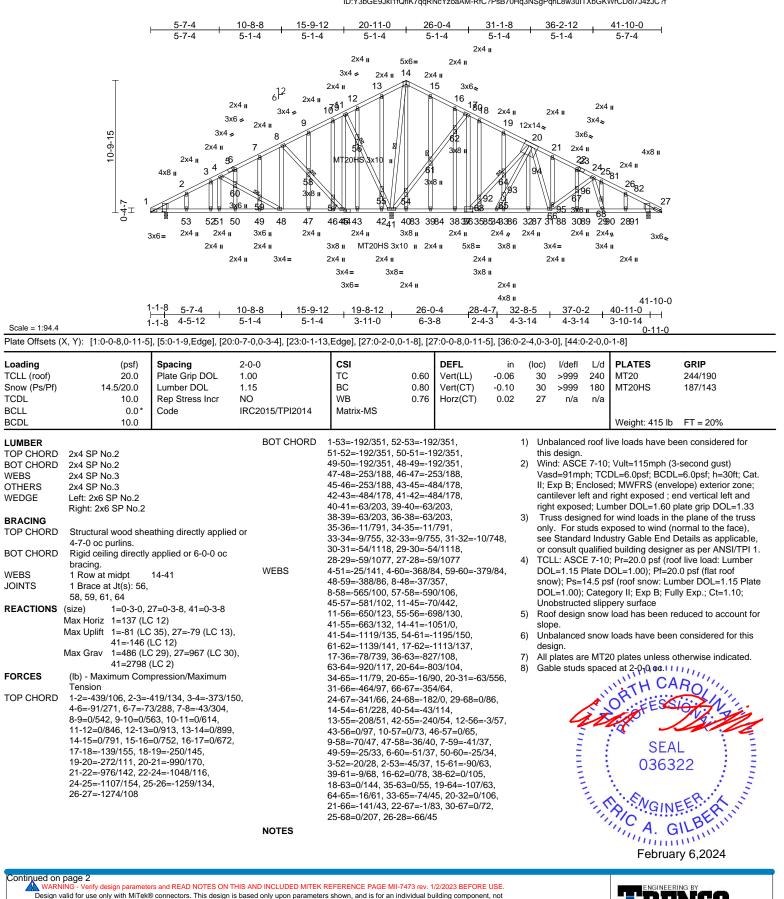


February 6,2024

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 and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A13GR	Common Girder	1	1	Job Reference (optional)	163425196

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:41 ID:Y3bGE9JkI1fQfiK7qqRNcYzoaAM-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



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 ouclasse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/ITPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacomponents.com)



818 Soundside Road

Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	A13GR	Common Girder	1	1	Job Reference (optional)	163425196

- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 11) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 81 lb uplift at joint 1, 146 lb uplift at joint 41 and 79 lb uplift at joint 27.
- 13) 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.
- 14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 51 lb down and 35 lb up at 37-7-12, and 86 lb down and 26 lb up at 39-7-12 on top chord, and 95 lb down and 39 lb up at 21-7-12, 15 lb down at 23-7-12, 15 lb down at 25-7-12, 15 lb down at 23-7-12, 15 lb down at 25-7-12, 15 lb down at 33-7-12, 15 lb down at 31-7-12, 15 lb down at 33-7-12, 15 lb down at 39-7-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 15) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.00

Uniform Loads (lb/ft)

- Vert: 1-14=-49, 14-27=-49, 69-74=-20
- Concentrated Loads (lb) Vert: 37=-74 (F), 81=-12 (F), 82=-66 (F), 83=-79 (F), 84=-74 (F), 85=-13 (F), 86=-13 (F), 87=-13 (F), 88=-13 (F), 89=-13 (F), 90=-13 (F), 91=-15 (F), 92=-61 (F), 93=-61 (F), 94=-61 (F), 95=-61 (F), 96=-61 (F)

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:41 ID:Y3bGE9JkI1fQfiK7qqRNcYzoaAM-RfC?PsB70Hq3NSqPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 2

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)



Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	C01	Common	1	1	Job Reference (optional)	163425197

TCDL

BCLL

BCDL

WEBS

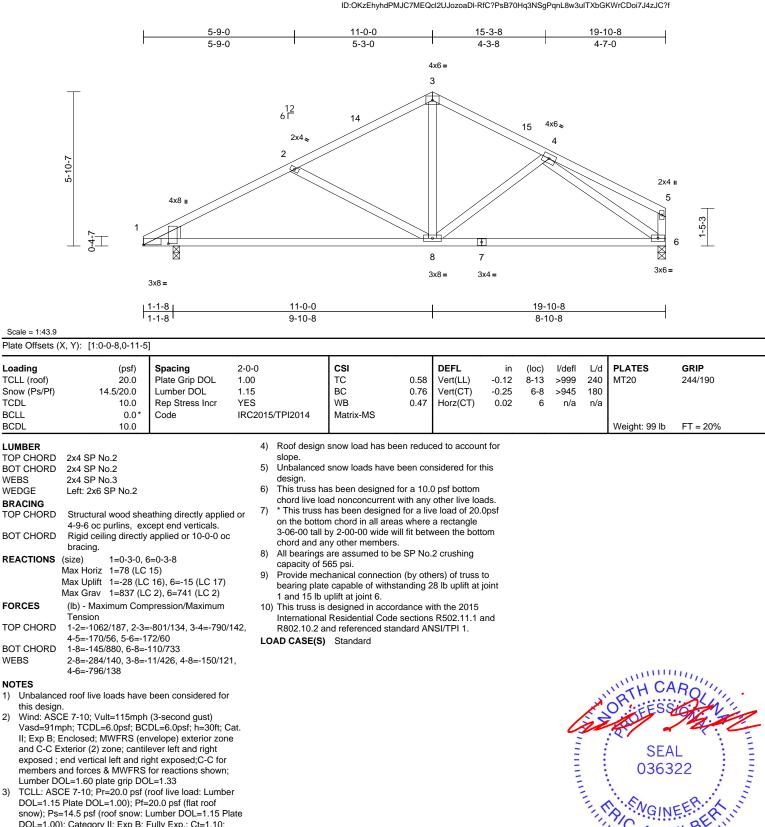
WEBS

NOTES

1)

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:43 ID:OKzEhyhdPMJC7MEQcl2UJozoaDI-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Wind: ASCE 7-10; Vult=115mph (3-second gust) 2) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone 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

TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber 3) DOL=1.15 Plate DOL=1.00); Pf=20.0 psf (flat roof snow); Ps=14.5 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.00); Category II; Exp B; Fully Exp.; Ct=1.10; Unobstructed slippery surface

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Edenton, NC 27932

GI

mmm February 6,2024

SEAL

036322

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	C01G	Common Supported Gable	1	1	Job Reference (optional)	163425198

TCDL

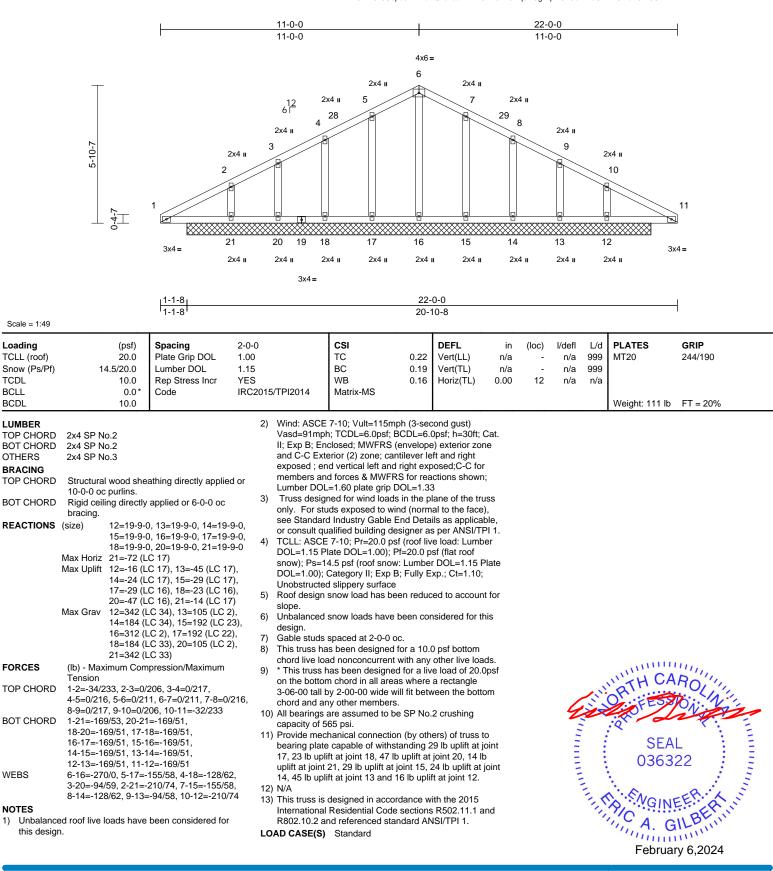
BCLL

BCDL

WEBS

Run: 8.63 S. Nov. 1 2023 Print: 8.630 S.Nov. 1 2023 MiTek Industries. Inc. Sun Feb.04.08:37:44 ID:H5DIXJk8SbpeczYBrb7QTezoaDh-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



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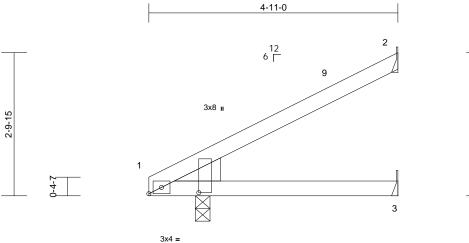
Job	Truss	Truss Type	Qty Ply Roof		Roof D	
ELV D Roof	J01	Jack-Open	7	1	Job Reference (optional)	163425199

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:44 ID:euDXIDDMaMAkG7Y26iyssiyhioB-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1

. - 9

2-9-15





Scale = 1:22.7

Plate Offsets (X, Y): [1:0-1-0,Edge], [1:0-0-4,0-11-13]

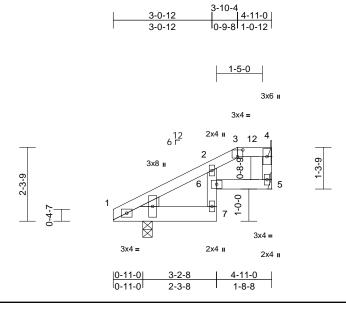
	[110 1 0,2490],	[1:0-0-4,0-11-13]	-										
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC201	5/TPI2014	CSI TC BC WB Matrix-MP	0.22 0.24 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.02 -0.02 -0.01	(loc) 3-8 3-8 2	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 18 lb	GRIP 244/190 FT = 20%
BOT CHORD 2x4 WEDGE Lef BRACING TOP CHORD Str 4-1 BOT CHORD Str AT BOT CHORD Rig bra REACTIONS (size Max Max FORCES (lb) Ter TOP CHORD 1-2 BOT CHORD 1-2 BOT CHORD 1-3 NOTES 1) Wind: ASCE 7- Vasd=119mph; Cat. II; Exp B; E zone and C-CE exposed ; end v members and f Lumber DOL=1 2) TCLL: ASCE 7- DOL=1.15 Platt snow); Ps=14.5 DOL=1.00; Ca Unobstructed s 3) Roof design sn slope.	1-0 oc purlins. id ceiling directly cing.) 1=0-3-8, 2 Mechanic Horiz 1=125 (LC Uplift 1=-42 (LC (LC 7) - Maximum Com Ision =-91/40 =-170/68 10; Vult=150mph TCDL=6.0psf; Bi Enclosed; MWFR AC 20 pate grip DC 10; Pr=20.0 psf (0 DCL=1.00); Pf= psf (roof snow: I tegory II; Exp B; I ippery surface tow load has been	C 16) C 16), 2=-87 (LC 16), C 2), 2=100 (LC 2), 3 apression/Maximum (3-second gust) CDL=6.0psf; h=30ft; S (envelope) exterio cantilever left and rig ght exposed;C-C for for reactions show;	6) ed or 7) c 8) 9) , 3=-4 1(3=70 L0 r ght ; er late t for	chord live loa * This truss h on the bottor 3-06-00 tall b chord and ar Bearings are capacity of 5 Refer to gird Provide mec bearing plate 2, 4 lb uplift a) This truss is International	er(s) for truss to tru hanical connectior capable of withsta at joint 3 and 42 lb designed in accord Residential Code nd referenced star	with any I for a liv s where II fit betw Joint 1 S uss conr n (by oth anding 8 uplift at dance w sections	other live loa e load of 20. a rectangle veen the bott SP No.2 crus ections. ers) of truss 7 lb uplift at joint 1. th the 2015 R502.11.1 a	0psf com hing to joint			25	SEA 0363	L 22 EER. KIL



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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J01GRT	Half Hip Girder	1	1	Job Reference (optional)	163425200

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:44 ID:m7z0vs9sW7gJnVEHttuwisyhioF-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



Scale = 1:35.7

Plate Offsets (X, Y): [1:0-3-0,0-1-0],	[3:0-2-0,0-2-8]											
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL LUMBER TOP CHORD	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0 2x4 SP No.2	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 NO IRC201	DOL=1.15 P	CSI TC BC WB Matrix-MR CE 7-10; Pr=20.0 late DOL=1.00); F	f=20.0 p	sf (flat roof			ead + Sr	now (ba		GRIP 244/190 FT = 20% r Increase=1.15, Plat
	2x4 SP No.2 *Excep 2x4 SP No.3 Left: 2x4 SP No.3 Structural wood she 4-11-0 oc purlins; e 2-0-0 oc purlins; 3-4 Rigid ceiling directly bracing. (size) 1=0-3-8, 4 Mechanic Max Horiz 1=82 (LC Max Uplift 1=-99 (LC 12) Max Grav 1=388 (LC	athing directly applie txcept end verticals, a applied or 10-0-0 oc 4= Mechanical, 5= al 49) 5 12), 4=-54 (LC 9), 5	and 5) 6) 7) 8) =-42	DOL=1.15 P Exp B; Fully surface Roof design slope. Unbalanced design. Provide aded This truss ha chord live loa * This truss ha chord live loa * This truss ha chord load ad a	varies (min. roof si late DOL=1.00) si Exp.; Ct=1.10; Ur snow load has be snow loads have quate drainage to as been designed ad nonconcurrent has been designed m chord in all area by 2-00-00 wide w y other members	ee load c nobstruct een reduc been cor prevent for a 10. with any d for a liv as where sill fit betv	ases; Catego ed slippery red to accour hsidered for t water pondin 0 psf bottom other live loa e load of 20. a rectangle ween the bott	ory II; ht for his g. ads. Opsf tom	Ur Co	crease= hiform Lo Vert: 1- oncentra Vert: 7=	bads (I 3=-49, ited Lo	3-4=-60, 1-7=-2 ads (lb)	0, 5-6=-20
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalance this design 2) Wind: ASC Vasd=119 Cat. II; Ex zone; cant	5=115 (LC (lb) - Maximum Com Tension 1-2=-243/94, 2-3=-1: 4-5=0/0 1-7=-89/160, 6-7=-8: 5-6=-68/127 ed roof live loads have 1. CE 7-10; Vult=150mph mph; TCDL=6.0psf; BK p B; Enclosed; MWFR3: lilever left and right exp exposed; Lumber DOL:	C 31) pression/Maximum 24/57, 3-4=-127/77, 3/133, 2-6=-29/80, been considered for (3-second gust) CDL=6.0psf; h=30ft; S (envelope) exterior posed ; end vertical lo	10 11 12 13 13 14 eft 15	 capacity of 5 Refer to gird Provide mec bearing plate 4, 42 lb uplifi This truss is International R802.10.2 a Graphical pu or the orienta bottom chorr Gap betweed diagonal or v Hanger(s) or provided suff lb down and design/selecc responsibility In the LOAD 	er(s) for truss to tr hanical connectio e capable of withs t at joint 5 and 99 designed in accor Residential Code nd referenced star rlin representation ation of the purlin d. n inside of top cho vertical web shall r other connection ficient to support of 70 lb up at 3-0-1. tion of such connection	russ conr n (by oth tanding 5 lb uplift a rdance w sections ndard AN n does n along the ord bearin not exce(s concentra 2 on bott ection de , loads a	ections. ers) of truss i4 lb uplift at it joint 1. ith the 2015 is R502.11.1 at JSI/TPI 1. ot depict the to pand/or ng and first ad 0.500in.) shall be ated load(s) ' om chord. T vice(s) is the pplied to the	to joint and size				SEA 0363	EER-RATION BILL BILL BILL BILL BILL BILL BILL BIL

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ENGINEERING BY A Mi Tek Affiliate

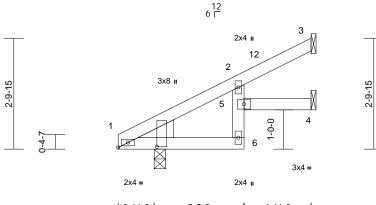
Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J01T	Jack-Open	4	1	Job Reference (optional)	163425201

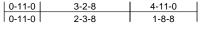
Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:45 ID:6pFUOI0KLR90LfJzALg6CKyhioR-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

3-0-12	4-11-0
3-0-12	1-10-4



Page: 1





Scale = 1:29.4

Plate Offsets (2	X, Y): [1:0-1-0,Edge],	, [1:0-0-4,0-11-13]											
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC201	5/TPI2014	CSI TC BC WB Matrix-MR	0.13 0.25 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.02 -0.02 -0.01	(loc) 4-5 4-5 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 20 lb	GRIP 244/190 FT = 20%
	4-11-0 oc purlins. Rigid ceiling directly bracing.	eathing directly applie y applied or 10-0-0 oc 3= Mechanical, 4= cal C 16) C 16), 3=-63 (LC 16), C 16)	7 8 9 1 1	 chord live loa * This truss h on the bottor 3-06-00 tall b chord and ar Bearings are capacity of 5 Refer to gird Provide mec bearing plate 3, 28 lb upliff This truss is International 	er(s) for truss to hanical connectio capable of withs at joint 4 and 42 designed in acco Residential Code nd referenced sta	with any d for a liv as where <i>i</i> ll fit betv , , Joint 1 \$ truss con n (by oth tanding 6 Ib uplift a rdance w s sections	other live loa e load of 20. a rectangle veen the bott SP No.2 crus nections. ers) of truss 3 lb uplift at t joint 1. th the 2015 s R502.11.1 a	0psf om hing to joint					
FORCES	(lb) - Maximum Com Tension 1-2=-133/51, 2-3=-5	6/34											
BOT CHORD	1-6=-154/98, 5-6=-3	5/42, 2-5=-10/55, 4-5	5=0/0										
Vasd=119 Cat. II; Exp zone and C exposed; members a Lumber DC 2) TCLL: ASC DOL=1.15 snow); Ps= DOL=1.00 Unobstruc 3) Roof desig slope.	CE 7-10; Vult=150mph imph; TCDL=6.0psf; B p B; Enclosed; MWFR C-C Exterior (2) zone; end vertical left and ri, and forces & MWFRS OL=1.60 plate grip DC CE 7-10; Pr=20.0 psf (i Plate DOL=1.00); Pf= =14.5 psf (roof snow: I)); Category II; Exp B; I ted slippery surface gn snow load has beer	CDL=6.0psf; h=30ft; S (envelope) exterior cantilever left and rig ght exposed;C-C for for reactions shown; D_e1.33 (roof live load: Lumbe =20.0 psf (flat roof Lumber DOL=1.15 PI Fully Exp.; Ct=1.10; n reduced to account	yht er ate for							N	in	SEA 0363	L EERER HILLING



February 6,2024

minim

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J02	Jack-Open	5	1	Job Reference (optional)	163425202

4-0-0

4-0-0

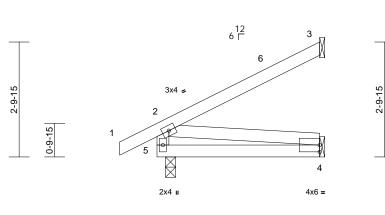
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0-11-0

Builders FirstSource (Apex, NC), Apex, NC - 27523,

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:45 ID:pBoPMYkH?38QSzUMmJFUEGyhiop-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1





Scale = 1:28.3

Loading (psf)		2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof) 20.0	1 '	1.00	TC BC	0.24 0.18	Vert(LL) Vert(CT)	-0.01	4-5 4-5	>999	240 180	MT20	244/190
Snow (Ps/Pf) 14.5/20.0 TCDL 10.0		1.15 YES	WB	0.18	Horz(CT)	-0.03 0.00	4-5 3	>999 n/a	n/a		
BCLL 0.0*		IRC2015/TPI2014	Matrix-MP	0.00	11012(C1)	0.00	5	n/a	11/a		
BCDL 10.0		11(02013/11/2014								Weight: 20 lb	FT = 20%
LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3 BRACING TOP CHORD Structural wood sh 4-0-0 oc purlins, e BOT CHORD Rigid ceiling direct bracing. REACTIONS (size) 3= Mect 5=0-3-0 Max Horiz 5=110 (I Max Uplift 3=-93 (L	r applied or 10-0-0 oc anical, 4= Mechanical, C 16)	 load of 12. overhangs This truss I chord live I or 7) * This truss on the bott 3-06-00 tal chord and Bearings a capacity of 9) Refer to gii 10) Provide me bearing pla 5 and 93 lb 	has been designed o psf or 2.00 times non-concurrent wi has been designed bas been designed any other member to bas been designed to bas been designed bas been designed to bas	a flat roof lo ith other lind d for a 10.0 t with any ed for a liv ed for a liv ed for a liv eas where will fit betw 's. , Joint 5 S o truss con on (by oth standing 5	bad of 20.0 p ve loads. D psf bottom other live loa e load of 20.1 a rectangle veen the bott SP No.2 crusion nections. ers) of truss i 0 b uplift at j	sf on ads. Opsf om hing to					
FORCES (lb) - Maximum Co Tension	npression/Maximum		al Residential Cod and referenced st			and					
TOP CHORD 2-5=-186/158, 1-2= BOT CHORD 4-5=-199/78 WEBS 2-4=-79/202)/48, 2-3=-87/44	LOAD CASE(S		anuaru Ar	O /TFTT.						
NOTES											
 Wind: ASCE 7-10; Vult=150mp; Vasd=119mph; TCDL=6.0psf; Cat. II; Exp B; Enclosed; MWF zone and C-C Exterior (2) zone exposed ; end vertical left and members and forces & MWFR: Lumber DOL=1.60 plate grip D TCLL: ASCE 7-10; Pr=20.0 psf DOL=1.15 Plate DOL=1.00); P snow); Ps=14.5 psf (roof snow DOL=1.00); Category II; Exp B Unobstructed slippery surface Roof design snow load has bea slope. Unbalanced snow loads have t design. 	CDL=6.0psf; h=30ft; S (envelope) exterior cantilever left and right ght exposed;C-C for for reactions shown; JL=1.33 (roof live load: Lumber =20.0 psf (flat roof Lumber DOL=1.15 Plat Fully Exp.; Ct=1.10; n reduced to account fo	te or						N. COLUMNY		SEA 0363	EER ER III

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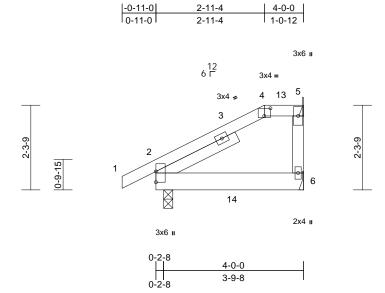
818 Soundside Road Edenton, NC 27932

February 6,2024

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J02GR	Half Hip Girder	1	1	Job Reference (optional)	163425203

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:45 ID:Au4trRalpNd707Z23o1glkyhip?-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:31.2

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

Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 NO IRC201	5/TPI2014	CSI TC BC WB Matrix-MR	0.23 0.10 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.00 0.00 0.00	(loc) 6-11 6-11 5	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 23 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS SLIDER BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SP No.2 2x6 SP No.2 2x4 SP No.3 Left 2x4 SP No.3 2 Structural wood she 4-0-0 oc purlins: 4-5 Rigid ceiling directly bracing.	athing directly applie cept end verticals, ar applied or 10-0-0 oc 5= Mechanical, 6= al C 11) C 12), 5=-57 (LC 9), 2 9)	nd 7) 8) ; 9) 1(slope. Unbalanced design. This truss ha load of 12.0 overhangs n Provide aded This truss ha chord live loa * This truss h on the bottor 3-06-00 tall b chord and ar)) Bearings are capacity of 5	snow load has be snow loads have as been designed psf or 2.00 times f on-concurrent with quate drainage to as been designed ad nonconcurrent has been designed n chord in all area by 2-00-00 wide w hy other members assumed to be: , 65 psi. er(s) for truss to tr hanical connectio	been con for great flat roof I h other li prevent for a 10. with any d for a liv as where ill fit betv Joint 2 s	nsidered for the er of min roof oad of 20.0 pr ve loads. water ponding 0 psf bottom other live load of 20.0 a rectangle veen the botto SP No.2 crush nections.	his i live sf on g. ds. Dpsf om hing	Co	hiform Lo Vert: 1 oncentra Vert: 14	4=-49, ated Lo	b/ft) 4-5=-60, 6-7=-2 ads (lb)	,
this design 2) Wind: ASC Vasd=119 Cat. II; Ex zone; can and right e DOL=1.33 3) ** TCLL: <i>A</i> DOL=1.15 snow; Ps DOL=1.15	2-6=-81/62 ed roof live loads have n. CE 7-10; Vult=150mph pmph; TCDL=6.0psf; B' pB; Enclosed; MWFR tilever left and right exp exposed; Lumber DOL	7, 4-5=-55/55, 5-6=0 been considered for (3-second gust) CDL=6.0psf; h=30ft; S (envelope) exterior posed ; end vertical li =1.60 plate grip sf (roof live load: Lum :20.0 psf (flat roof w=14.5 psf Lumber load cases; Categor	/0 14 . 15 r 16 eft 16 nber 17	 5, 30 lb uplifi 5, 30 lb uplifi 8) This truss is International R802.10.2 a 4) Graphical pu or the orienta bottom chore diagonal or v 5) Hanger(s) or provided suf down and 67 design/selec responsibility 7) In the LOAD of the truss a 	n inside of top cho vertical web shall r other connection ficient to support of ' lb up at 2-0-12 of tion of such conne y of others. CASE(S) section are noted as front Standard ow (balanced): Lu	4 Ib uplift rdance we sections ndard Al n does n along the ord bearin not excee device(s concentr on bottor ection de , loads a (F) or ba	at joint 2. ith the 2015 s R502.11.1 a VSI/TPI 1. ot depict the s e top and/or ng and first ed 0.500in. s) shall be ated load(s) 8 n chord. The vice(s) is the pplied to the f ck (B).	ind size 9 Ib face		CN, HILLING		SEA 0363	EER A LUI

February 6,2024

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J03	Half Hip	1	1	Job Reference (optional)	163425204

1-10-4

1-10-4

12 6 Г

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2x4 =

1-1-8

1-1-8

3x8 II

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2-11-0 1-0-12

3x4 =

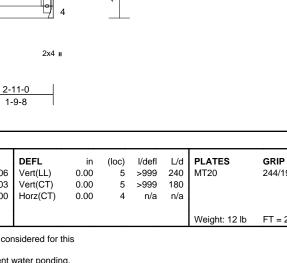
2 10 r -3 0

2x4 II

Builders FirstSource (Apex, NC), Apex, NC - 27523,

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:46 ID:aBEavfPz64s6LzVMErnOBnyhipD-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



-3-9

Scale = 1:27.9

Plate Offsets (X, Y): [1:0-1-0.Edge], [1:0-0-4.0-11-13], [2:0-2-0.0-2-8]

1-3-9

Plate Offsets ()	K, Y): [1:0-1-0,Edge],	, [1:0-0-4,0-11-13], [2:	0-2-0,0-2	2-8]										
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC201	5/TPI2014	CSI TC BC WB Matrix-MR	0.06 0.03 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.00 0.00 0.00	(loc) 5 5 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 12 lb	GRIP 244/190 FT = 20%	
LUMBER TOP CHORD BOT CHORD WEBS WEDGE BRACING TOP CHORD BOT CHORD REACTIONS FORCES TOP CHORD BOT CHORD BOT CHORD BOT CHORD BOT CHORD BOT CHORD OTES 1) Unbalance this design 2) Wind: ASC Vasd=119r Cat. II; Exy zone and C exposed ; (members a Lumber DC 3) ** TCLL: A DOL=1.15 snow); Ps= DOL=1.15	2-11-0 oc purlins, e 2-0-0 oc purlins; 2-3 Rigid ceiling directly bracing. (size) 1=0-3-0, 4 Max Horiz 1=52 (LC Max Uplift 1=-55 (LC Max Grav 1=247 (LC (Ib) - Maximum Corr Tension 1-2=-33/102, 2-3=-1 1-4=-66/46 d roof live loads have E 7-10; Vult=150mph mph; TCDL=6.0psf; B b B; Enclosed; MWFR C Exterior (2) zone; end vertical left and rig and forces & MWFRS DL=1.60 plate grip DC SCE 7-10; Pr=20.0 ps Plate DOL=1.00); Sefe varies (min. roof sno Plate DOL=1.00) see	 Applied or 6-0-0 oc 4= Mechanical 15) C 16), 4=-32 (LC 13) C 35), 4=71 (LC 34) Apression/Maximum 9/32, 3-4=-58/52 been considered for a) (3-second gust) CDL=6.0psf; h=30ft; S (envelope) exterior cantilever left and rigg ph exposed; C-C for for reactions shown; DL=1.33 of (roof live load: Lumter 20.0 psf (flat roof w=14.5 psf Lumber load cases; Category 	6) 7) 8) i or nd 9) 10 11 12 13 13 13 13 13	 design. Provide adec This truss had chord live load * This truss had the bottor 3-06-00 tall be chord and ar bearings are capacity of 5 Refer to girdd Provide med bearing plate 4 and 55 lb u This truss is international Graphical put or the orientate bottom chort COAD CASE(S) Dead + Snot increase=1 Uniform Load 	er(s) for truss to t hanical connectio capable of withs uplift at joint 1. designed in acco Residential Code nd referenced sta rlin representatio ation of the purlin t. Standard ww (balanced): Lu .00	prevent t for a 10.1 with any d for a liv as where vill fit betw s. Joint 1 SI truss conr on (by oth standing 3 wrdance w e sections andard AN in does nu along the	water ponding 0 psf bottom other live loa e load of 20.0 a rectangle veen the botto P No.2 crushi nections. ers) of truss t 32 lb uplift at j ith the 2015 s R502.11.1 a USI/TPI 1. ot depict the s e top and/or	g. Jpsf om ng oint size				ORTH CA ORTH SS SEA 0363	•	Manunum.
surface	y Exp.; Ct=1.10; Unol	bstructed slippery									11	CA G	LBEIT	

- Lumber DOL=1.60 plate grip DOL=1.33 ** TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber 3) DOL=1.15 Plate DOL=1.00); Pf=20.0 psf (flat roof snow); Ps= varies (min. roof snow=14.5 psf Lumber DOL=1.15 Plate DOL=1.00) see load cases; Category II; Exp B; Fully Exp.; Ct=1.10; Unobstructed slippery surface
- 4) Roof design snow load has been reduced to account for slope.

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February 6,2024

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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J03GR	Half Hip Girder	1	1	Job Reference (optional)	163425205

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:46 ID:aBEavfPz64s6LzVMErnOBnyhipD-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1

2-11-0 3-10-4 0-11-4 2-11-0

2x4 II 3x4 = 12 6 Г 2 9 3 3x8 II 1-9-15 -9-15 ٣ -4-7 Ø 4 \mathbb{X} 10 2x4 🛛 3x4 =



Scale = 1:28.2

Plate Offsets (X, Y): [1:0-3-0.0-1-0]. [2:0-2-0.0-2-8]

Plate Offsets (X, Y): [1:0-3-0,0-1-0],	[2:0-2-0,0-2-8]										-	
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.00 1.15 NO IRC2018	5/TPI2014	CSI TC BC WB Matrix-MR	0.09 0.04 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.00 0.00 0.00	(loc) 1 1 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 18 lb	GRIP 244/190 FT = 20%
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalance this design 2) Wind: ASC Vasd=119 Cat. II; Exp zone; cant and right DOL=1.33 3) ** TCLL: A DOL=1.15 snow); Ps: DOL=1.15 Exp B; Ful surface	3-10-4 oc purlins, e 2-0-0 oc purlins: 2-3 Rigid ceiling directly bracing. (size) 1=0-3-0,4 Max Horiz 1=77 (LC Max Uplift 1=-95 (LC Max Grav 1=347 (LC (Ib) - Maximum Com Tension 1-2=-69/100, 2-3=-2 1-4=-82/33 ed roof live loads have b E 7-10; Vult=150mph mph; TCDL=6.0psf; Br DB; Enclosed; MWFR ilever left and right exp exposed; Lumber DOL SCE 7-10; Pr=20.0 ps Plate DOL=1.00); Pf= = varies (min. roof sno Plate DOL=1.00) see ly Exp.; Ct=1.10; Und	applied or 10-0-0 oc 4= Mechanical 9) (12), 4=-55 (LC 9) C 31), 4=109 (LC 30) pression/Maximum 3/35, 3-4=-76/41 been considered for (3-second gust) CDL=6.0psf; h=30ft; S (envelope) exterior posed ; end vertical left =1.60 plate grip =1.60 plate grip ef (roof live load: Lumber ic20.0 psf (flat roof w=14.5 psf Lumber load cases; Category	6) 7) 8) or d 9) 10 11 12 13 14 14 t 15 er 1) II;	design. Provide adec This truss ha chord live loa * This truss h on the bottor 3-06-00 tall b chord and ar Bearings are capacity of 5) Refer to gird Provide mec bearing plate 4 and 95 lb u) This truss is International R802.10.2 ar) Graphical pu or the orienta bottom chorc () Hanger(s) or provided suff down and 42 design/selec responsibility) In the LOAD of the truss a DAD CASE(S) Dead + Snc Increase=1 Uniform Loa	er(s) for truss to tri hanical connection capable of withst uplift at joint 1. designed in accorr. Residential Code nd referenced star rlin representation ation of the purlin at other connection ricient to support c lb up at 1-11-0 o tion of such conner of others. CASE(S) section, re noted as front (Standard bw (balanced): Lur 00 (ab (lb/ft) =-49, 2-3=-60, 1-4 ed Loads (lb)	prevent for a 10. with any for a life s where ill fit betw oont 1 S uss conn h (by oth anding f dance w sections hadrog the device(s oncentra n botton ection de loads a (F) or ba	water ponding D psf bottom other live load e load of 20.0 a rectangle veen the botto P No.2 crushi nections. ers) of truss t 5 lb uplift at j ith the 2015 s R502.11.1 at JSI/TPI 1. ot depict the se to pand/or b) shall be ated load(s) 5 n chord. The vice(s) is the pplied to the f ck (B).	g. opsf om ing to joint and size 55 lb face				SEA 0363	EER RUU

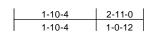
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCEL Building Component Science United for the Structure Buckling Component Advance Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)

February 6,2024

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J04	Half Hip	1	1	Job Reference (optional)	163425206

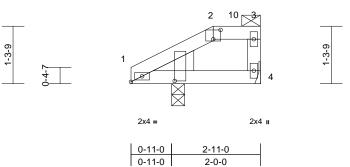
Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:46 ID:6ScMZh_0MKS4ebJdh?fBGPyhipm-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1









12 6 Г

Scale = 1:26

Plate Offsets (X, Y): [1:0-1-0,Edge], [1:0-0-4,0-11-13], [2:0-2-0,0-2-8]

	(,, ,, ,). [e : e,=ege],	[1.0 0 1,0 11 10], [2		0]									
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC2015	5/TPI2014	CSI TC BC WB Matrix-MR	0.05 0.03 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.00 0.00 0.00	(loc) 5 5 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 12 lb	GRIP 244/190 FT = 20%
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalance this desigr 2) Wind: ASC Vasd=119 Cat. II; Exj zone and û exposed ; members ; Lumber D0 3) ** TCLL: A DOL=1.15 snow); Ps: DOL=1.15	2x4 SP No.2 2x4 SP No.3 Left: 2x6 SP No.2 Structural wood she 2-11-0 oc purlins, e 2-0-0 oc purlins: 2-3 Rigid ceiling directly bracing. (size) 1=0-3-8, 4 Max Horiz 1=52 (LC Max Uplift 1=-48 (LC Max Grav 1=219 (LC (lb) - Maximum Com Tension 1-2=-36/76, 2-3=-30, 1-4=-67/38 ed roof live loads have	xcept end verticals, a applied or 10-0-0 oc 4= Mechanical 15) 2 16), 4=-33 (LC 13) 2 35), 4=86 (LC 34) pression/Maximum /40, 3-4=-65/57 been considered for (3-second gust) CDL=6.0psf; h=30ft; S (envelope) exterior cantilever left and ric ght exposed; C-C for for reactions shown; L=1.33 of (roof live load: Lum 20.0 psf (flat roof w=14.5 psf Lumber load cases; Categor pstructed slippery	6) 7) 8) and 9) 10) 11) 12) 13) - LO 1) r ght	design. Provide adec This truss ha chord live loa * This truss h on the bottor 3-06-00 tall k chord and ar Bearings are capacity of 5 Provide mec bearing plate 4 and 48 lb (This truss is International R802.10.2 ai 0 Graphical pu or the orienta bottom chore AD CASE(5) Dead + Smc Increase=1 Uniform Loc	er(s) for truss to tr hanical connection capable of withst plift at joint 1. designed in accor Residential Code and referenced star rlin representation tition of the purlin J. Standard ww (balanced): Lur 00	prevent i for a 10.1 with any d for a liv s where ill fit betw.	water ponding 0 psf bottom other live load e load of 20.0 a rectangle veen the botto P No.2 crushi nections. ers) of truss t is lb uplift at j ith the 2015 is R502.11.1 a ISI/TPI 1. ot depict the se to p and/or	g. Opsf om ing to joint and size				SEA 0363	• -

- Lumber DOL=1.60 plate grip DOL=1.33 ** TCLL: ASCE 7-10; Pr=20.0 psf (roof live load: Lumber 3) DOL=1.15 Plate DOL=1.00); Pf=20.0 psf (flat roof snow); Ps= varies (min. roof snow=14.5 psf Lumber DOL=1.15 Plate DOL=1.00) see load cases; Category II; Exp B; Fully Exp.; Ct=1.10; Unobstructed slippery surface
- 4) Roof design snow load has been reduced to account for slope.



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February 6,2024

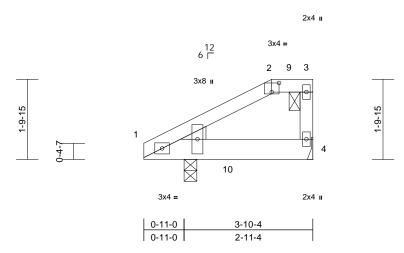
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WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCEL Building Component Schut Information, purplication component of component development properties. and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J04GR	Half Hip Girder	1	1	Job Reference (optional)	163425207

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:46 ID:afAkm1?e7eaxGluqFiAQpcyhipI-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

2-11-0 3-10-4 2-11-0 0-11-4



Scale = 1:26.3

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

- 1010 0110010 ()	(i, i): [iio o ojo i o];	[2:0 2 0;0 2 0]											
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 NO IRC2018	5/TPI2014	CSI TC BC WB Matrix-MR	0.10 0.04 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.00 0.00 0.00	(loc) 1 1 4	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 18 lb	GRIP 244/190 FT = 20%
FORCES TOP CHORD BOT CHORD NOTES 1) Unbalance this design 2) Wind: ASC Vasd=119 Cat. II; Exp zone; canti and right e DOL=1.33 3) ** TCLL: A DOL=1.15 snow); Ps= DOL=1.15 Exp B; Full surface	3-10-4 oc purlins, e 2-0-0 oc purlins: 2-3 Rigid ceiling directly bracing. (size) 1=0-3-8, 4 Max Horiz 1=77 (LC Max Uplift 1=-90 (LC Max Grav 1=331 (LC (Ib) - Maximum Com Tension 1-2=-80/75, 2-3=-34, 1-4=-67/34 ed roof live loads have a. E 7-10; Vult=150mph mph; TCDL=6.0psf; Bi be B; Enclosed; MWFR3 ilever left and right exp exposed; Lumber DOL3	applied or 10-0-0 oc 4= Mechanical 49) 212), 4=-58 (LC 9) 231), 4=126 (LC 30) pression/Maximum /39, 3-4=-78/42 been considered for (3-second gust) CDL=6.0psf; h=30ft; S (envelope) exterior posed ; end vertical le =1.60 plate grip of (roof live load: Lumi :20.0 psf (flat roof w=14.5 psf Lumber load cases; Category postructed slippery	nd 9) 10 11 12 13 14 eft 15 ber 1) / II;	design. Provide adec This truss ha chord live loa * This truss h on the bottor 3-06-00 tall b chord and ar Bearings are capacity of 5)) Refer to gird) Provide mec bearing plate 4 and 90 lb u 2) This truss is International R802.10.2 ar Bottom chorc bottom chorc cresponsibility 5) In the LOAD of the truss a Dead + Snc Increase=1 Uniform Lo. Vert: 1-2	er(s) for truss to tru- hanical connection capable of withsta uplift at joint 1. designed in accorr Residential Code and referenced stan rlin representation ation of the purlin at other connection of cicient to support ca lb up at 1-11-0 or tion of such conner of others. CASE(S) section, re noted as front (Standard bw (balanced): Lun 00 add (lb/ft) =-49, 2-3=-60, 1-4: ed Loads (lb)	brevent i or a 10.0 with any for a liv s where Il fit betw boint 1 SI uss conr (by oth anding 5 dance w sections dard AN does no long the device(s oncentra n bottom ction de loads a F) or ba	water ponding o psf bottom other live load e load of 20.0 a rectangle veen the botto P No.2 crushi ections. ers) of truss t 8 lb uplift at j ith the 2015 R502,11.1 a ISI/TPI 1. ot depict the se top and/or) shall be tad load(s) 6 in chord. The vice(s) is the opplied to the f ck (B).	g. ds. ppsf om ng oint nd size 8 lb				SEA 0363	EER. AUU

February 6,2024

Page: 1

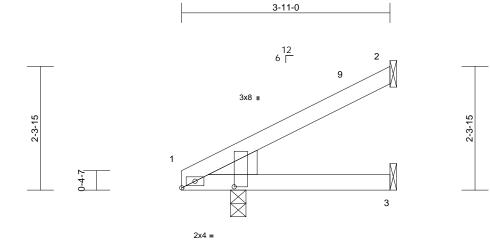
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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 outlapse 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 and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J05	Jack-Open	8	1	Job Reference (optional)	163425208

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:47 ID:68G?m3FY0?Zv6AbDgLsk2?zoaBk-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1

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Scale = 1:21.7

Plate Offsets (X, Y): [1:0-1-0,Edge], [1:0-0-4,0-11-13]

	X, 1): [1:0 1 0,Euge],	[1.0 0 4,0 11 10]										
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC2015/TPI20	CSI TC BC WB Matrix-MP	0.10 0.08 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.00 -0.01 0.00	(loc) 4 3-8 2	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 15 lb	GRIP 244/190 FT = 20%
FORCES TOP CHORD BOT CHORD	2x4 SP No.2 Left: 2x6 SP No.2 Structural wood she: 3-11-0 oc purlins. Rigid ceiling directly bracing.	applied or 10-0-0 or 2= Mechanical, 3= al 16) 16) 2 2), 2=71 (LC 2), 3=	c c c c c c c c c c c c c c c c c c c	russ has been designi live load nonconcurre truss has been desig bottom chord in all a 00 tall by 2-00-00 wide and any other membings are assumed to be ity of 565 psi. to girder(s) for truss de mechanical connect ng plate capable of wit russ is designed in ac lational Residential Co .10.2 and referenced s ASE(S) Standard	ent with any ned for a liv reas where e will fit betw ers. e: , Joint 1 \$ to truss con tion (by oth thstanding 3 cordance w ode sections	other live load e load of 20. a rectangle veen the bott SP No.2 crusi nections. ers) of truss i 2 lb uplift at j ith the 2015 s R502.11.1 a	0psf om hing to joint					
Vasd=91rr II; Exp B; I and C-C E exposed ; members . Lumber Di 2) TCLL: AS(DOL=1.15 snow); Ps: DOL=1.00 Unobstruc 3) Roof desig slope.	CE 7-10; Vult=115mph nph; TCDL=6.0psf; BC Enclosed; MWFRS (en Exterior (2) zone; cantil end vertical left and rig and forces & MWFRS OL=1.60 plate grip DO CE 7-10; Pr=20.0 psf (i Plate DOL=1.00); Pf= =14.5 psf (roof snow: L I); Category II; Exp 8; F ted slippery surface gn snow load has been ed snow loads have be	DL=6.0psf; h=30ff; (velope) exterior zor ever left and right ght exposed;C-C for for reactions shown L=1.33 roof live load: Lumb 20.0 psf (flat roof .umber DOL=1.15 P Fully Exp.; Ct=1.10; a reduced to account	ne ; er Plate t for						L'IIIIII		SEA 0363	EER. KIN

February 6,2024

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TRENGINEERING BY A MITEK ATFILIATE 818 Soundside Road Edenton, NC 27932

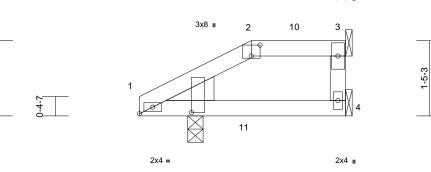
Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J05GR	Half Hip Girder	1	1	Job Reference (optional)	163425209

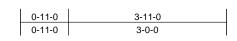
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Page: 1









Scale = 1:21.9

4)

slope.

Plate Offsets (X, Y): [1:0-1-0,Edge], [1:0-0-4,0-11-13], [2:0-2-0,0-2-8]

Roof design snow load has been reduced to account for

1-5-3

	(, i): [:::e : e,⊒age],	[1:0 0 1;0 11 10]; [2 :0	0 2 0,0 2 0]										
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 NO IRC2015/TPI2014	CSI TC BC WB Matrix-MR	0.16 0.07 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.00 0.00 0.00	(loc) 4-9 4-9 3	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 16 lb	GRIP 244/190 FT = 20%	
LUMBER TOP CHORD BOT CHORD WEBS WEDGE BRACING TOP CHORD BOT CHORD	3-11-0 oc purlins, e 2-0-0 oc purlins: 2-3	athing directly applied xcept end verticals, ar applied or 10-0-0 oc	design. 6) Provide ader 7) This truss ha chord live loa 8) * This truss ha chord live loa 8) * This truss ha on the bottor 3-06-00 tall h chord and ar 9) Bearings are	snow loads have b quate drainage to p is been designed for ad nonconcurrent w has been designed n chord in all areas y 2-00-00 wide wil y other members.	orevent v or a 10.0 vith any for a liv s where Il fit betw	water ponding) psf bottom other live load e load of 20.0 a rectangle veen the botto	J. ds. 0psf om						
	bracing.	3= Mechanical, 4= al 11) 2 12), 3=-23 (LC 9) 2 31), 3=115 (LC 30),	11) Provide mec bearing plate 3 and 14 lb u 12) This truss is International	65 psi. er(s) for truss to tri hanical connection e capable of withsta uplift at joint 1. designed in accorc Residential Code sind referenced stan	(by oth anding 2 dance w sections	ers) of truss to 3 lb uplift at jo ith the 2015 R502.11.1 a	oint						
TOP CHORD	(lb) - Maximum Com Tension 1-2=-83/75, 2-3=-54		13) Graphical pu	rlin representation ation of the purlin a	does no	ot depict the s	ize						
BOT CHORD	1-4=-47/54			n inside of top chor	d bearir	and first						11	
NOTES				vertical web shall no							M' CI	Dille	
	ed roof live loads have	been considered for		other connection of						1	athor	10 Y	
Vasd=91m II; Exp B; E cantilever right expos	CE 7-10; Vult=115mph hph; TCDL=6.0psf; BC Enclosed; MWFRS (er left and right exposed sed; Lumber DOL=1.6	DL=6.0psf; h=30ft; Ca velope) exterior zone ; end vertical left and 0 plate grip DOL=1.33	down and 4 at. 1-11-12 on b ; connection c 16) In the LOAD of the truss a	ficient to support co b up at 2-1-8 on to ottom chord. The levice(s) is the resp CASE(S) section, are noted as front (I	op choro design/s oonsibili loads aj	l, and 6 lb up selection of su ty of others. oplied to the fa	at uch		Contraction of the second seco		SEA 0363	L	
DOL=1.15 snow); Ps= DOL=1.15 Exp B; Ful surface	Plate DOL=1.00); Pf= = varies (min. roof sno Plate DOL=1.00) see ly Exp.; Ct=1.10; Unol	w=14.5 psf Lumber load cases; Category bstructed slippery	1) Dead + Sn Increase=1 II; Uniform Lo Vert: 1-2 Concentrat	ow (balanced): Lum .00		rease=1.15, F	Plate		1111		S. ENGIN	EEP. KIN	WILLING
4) Poof docio	in chow load has been	reduced to account f	or	- (=) · ·							1. A (.		

Vert: 1-2=-49, 2-3=-60, 4-5=-20 Concentrated Loads (lb) Vert: 11=0 (F)

February 6,2024

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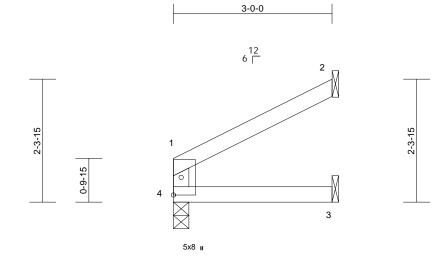
818 Soundside Road Edenton, NC 27932

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Thuman .

Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J06	Jack-Open	1	1	Job Reference (optional)	163425210

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:47 ID:T54upmJgrXCCCyUATuSvI2zoaBf-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



3-0-0

Scale = 1:21.8

Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 0.0/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC2015/TPI2014	CSI TC BC WB Matrix-MR	0.91 0.60 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.03 -0.03 n/a	(loc) 3-4 3-4 -	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 10 lb	GRIP 244/190 FT = 20%
I	3-0-0 oc purlins, ex Rigid ceiling directly bracing.	v applied or 10-0-0 oc anical, 4=0-3-8 13) C 13)	d or the botton 3-06-00 tall I chord and ar 7) Bearings are capacity of 5 8) Refer to gird 9) Provide mec bearing plate 3. 10) This truss is International	er(s) for truss to chanical connection capable of withs designed in acco Residential Code nd referenced sta	as where vill fit betv s. Joint 4 SI truss con on (by oth standing 2 rdance w e sections	a rectangle veen the both P No.2 crushi nections. ers) of truss t 7 lb uplift at j ith the 2015 R502.11.1 a	om ng o oint					
FORCES	(lb) - Maximum Com Tension		(-)									
TOP CHORD BOT CHORD	1-4=-171/118, 1-2=- 3-4=0/0	.77/0										
NOTES	0 1-0/0											
1) Wind: ASC Vasd=91mj II; Exp B; E and C-C Ex exposed ; e members a		DL=6.0psf; h=30ft; C nvelope) exterior zone lever left and right ght exposed;C-C for for reactions shown;									ORTH CA	ROLIN
2) TCLL: ASC DOL=1.15 snow); Ps= DOL=1.00) Unobstructed	E 7-10; Pr=20.0 psf (Plate DOL=1.00); Pf= 0.0 psf (roof snow: Lu ; Category II; Exp B; ed slippery surface	(roof live load: Lumbe =20.0 psf (flat roof umber DOL=1.15 Plat	te							io	OR SEA	• -

- Roof design snow load has been reduced to account for slope.
- 4) Unbalanced snow loads have been considered for this design.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

SEAL 036322 February 6,2024



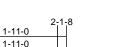
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Job	Truss	Truss Type	Qty	Ply	Roof D	
ELV D Roof	J07	Half Hip	1	1	Job Reference (optional)	163425211

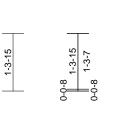
9-4-7

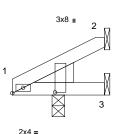
Builders FirstSource (Apex, NC), Apex, NC - 27523,

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Sun Feb 04 08:37:48 ID:t8iAJAxE80Ib_BcD9tOe_WzoaC8-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Page: 1





12 6 Г

0-11-0 2-1-8 0-11-0 1-2-8

Scale = 1:26.6

Plate Offsets (X, Y): [1:0-1-0,Edge], [1:0-0-4,0-11-13]

Plate Olisets ((X, Y): [1:0-1-0,Edge],	[1.0-0-4,0-11-13]										
Loading TCLL (roof) Snow (Ps/Pf) TCDL BCLL BCDL	(psf) 20.0 14.5/20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC2015/TPI2014	CSI TC BC WB Matrix-MP	0.04 0.04 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	in 0.00 0.00 0.00	(loc) 4 4 1	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 9 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEDGE BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SP No.2 2x4 SP No.2 Left: 2x6 SP No.2 Structural wood she: 2-1-8 oc purlins. Rigid ceiling directly bracing. (size) 1=0-3-8, 2 Mechanic Max Horiz 1=31 (LC Max Uplift 2=-13 (LC Max Grav 1=149 (LC (LC 7) (lb) - Maximum Com Tension	applied or 10-0-0 od 2= Mechanical, 3= al 16) 5 (LC 16) 5 2), 2=13 (LC 2), 3=	chord liv 7) * This tru on the b 3-06-00 chord ar 8) Bearing capacity 9) Refer to 10) Provide bearing 2 and 4 11) This trus capacity 9) Refer to 10) Provide bearing 2 and 4 11) This trus	s has been designed e load nonconcurrent uss has been designed totom chord in all are tall by 2-00-00 wide v id any other members or 665 psi. girder(s) for truss to mechanical connectio plate capable of withs b uplift at joint 3. s is designed in acco onal Residential Codi. 2 and referenced sta E(S) Standard	t with any ed for a liv as where will fit betv s. , Joint 1 s truss con on (by oth standing f ordance w e sections	other live loa e load of 20.0 a rectangle veen the botto SP No.2 crush nections. ers) of truss t 3 lb uplift at j ith the 2015 s R502.11.1 a	Opsf om hing o oint					
BOT CHORD NOTES 1) Wind: ASC Vasd=91n II; Exp B; I and C-C E exposed ; members Lumber DU 2) TCLL: ASC DOL=1.15 snow); Ps: DOL=1.00 Unobstruc 3) Roof desig slope. 4) Unbalance design.		DL=6.0psf; h=30ff; C ivelope) exterior zon ever left and right ght exposed;C-C for for reactions shown uL=1.33 roof live load: Lumbi :20.0 psf (flat roof .umber DOL=1.15 P Fully Exp.; Ct=1.10; n reduced to account een considered for th	ne ; er Plate t for						N 1111111.	The second second	SEA 0363	• •

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