

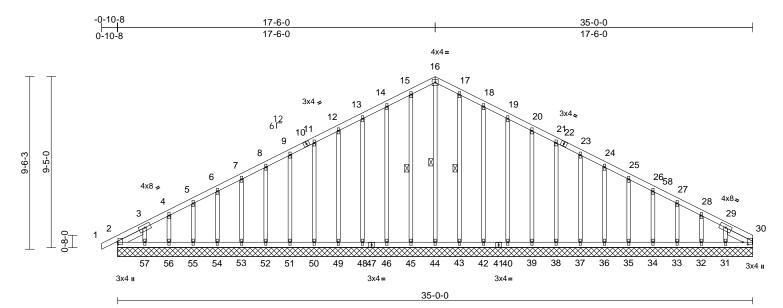
RE: P240070-01 - Roof - HR Lot 201	MiTek, Inc. 16023 Swingley Ridge Rd.
Site Information: Project Customer: Clayton Properties Project Name: Winfield - Farmhouse Lot/Block: 201 Subdivision: Hawthorne Ridge Model:	Chesterfield, MO 63017 314.434.1200
Address: 1617 SW Buckthorn Dr	
City: Lee's Summit State: MO	
General Truss Engineering Criteria & Design Loads (Individual Truss Desig Drawings Show Special Loading Conditions):	n
Design Code: IRC2018/TPI2014 Design Program: MiTek 2	0/20 8.6
	(Envelope)/C-C hybrid Wind ASCE 7-16
Roof Load: 45.0 psf Floor Load: N/A psf	
Mean Roof Height (feet): 35 Exposure Category: C	
No. Seal# Truss Name Date No. Seal# Truss Name Date	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
4 163374213 A04 2/2/24 5 163374214 B01 2/2/24 6 163374215 C01 2/2/24	
6 l63374215 C01 2/2/24 7 l63374216 C02 2/2/24	
8 163374217 Č03 2/2/24 9 163374218 C04 2/2/24 10 163374219 CG1 2/2/24	
10 163374219 ČG1 2/2/24 11 163374220 D01 2/2/24	
12 163374221 D2 2/2/24 13 163374222 D3 2/2/24	
13 163374222 D3 2/2/24 14 163374223 E01 2/2/24 15 163374224 E02 2/2/24	
15 l63374224 E02 2/2/24 16 l63374225 E03 2/2/24 17 l63374226 HG1 2/2/24	
17 I63374226 HG1 2/2/24 18 I63374227 J1 2/2/24 19 I63374228 J2 2/2/24	
19 l63374228 J2 2/2/24 20 l63374229 M01 2/2/24	
21 163374230 M02 2/2/24 22 163374231 M03 2/2/24 23 163374232 M04 2/2/24	
23 163374232 M04 2/2/24 24 163374233 M05 2/2/24	
25 163374234 V01 2/2/24 26 163374235 V02 2/2/24	
26 63374235 V02 2/2/24 27 63374236 V03 2/2/24	
28 63374237 V04 2/2/24 29 63374238 V05 2/2/24	
30 163374239 V06 2/2/24 31 163374240 V07 2/2/24	
31 I63374240 V07 2/2/24 32 I63374241 V08 2/2/24 33 I63374242 V09 2/2/24 34 I63374243 V010 2/2/24	
34 i63374243 V010 2/2/24	
The truss drawing(s) referenced above have been prepared by	
MiTek USA, Inc. under my direct supervision based on the parameters	America
provided by Premier Building Supply (Springhill, KS)20300 W 207th Street.	STE OF MISSO
Truss Design Engineer's Name: Sevier, Scott My license renewal date for the state of Missouri is December 31, 2025.	SCOTT M.
IMPORTANT NOTE: The seal on these truss component designs is a certification	SEVIER +
that the engineer named is licensed in the jurisdiction(s) identified and that the	

IMPORIANT 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 - HF		Roof - HR Lot 201		
P240070-01	A01	Common Supported Gable	1	1	Job Reference (optional)	163374210

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:29 ID:CQr0ZkS3wtEYmGhtkQkUyCzIZeq-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



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Plate Offsets (X, Y): [2:0-1-8,0-0-5], [30:0-1-8,0-3-5]

TCLL (roof) 25.0 Plate Grip DOL 1.15 TC 0.09 Vert(LL) n/a - n/a 999 M TCDL 10.0 Lumber DOL 1.15 BC 0.04 Vert(CT) n/a - n/a 999 M BCLL 0.0 Rep Stress Incr YES WB 0.14 Horz(CT) 0.01 30 n/a n/a	PLATES GRIP MT20 244/190 Weight: 212 lb FT = 20%
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	51/194, 56-57=-51/194, =51/194, 52-53=-51/194, =51/194, 52-53=-51/194, =51/194, 48-49=-51/194, =51/194, 48-49=-51/194, =51/194, 43-44=-51/194, =51/194, 43-44=-51/194, =51/194, 38-39=-51/194, =51/194, 38-39=-51/194, =51/194, 30-31=-51/194, =51/194, 30-31=-51/194, =51/194, 30-31=-51/194, =51/194, 30-31=-51/194, =51/194, 30-31=-51/194, =51/194, 30-31=-51/194, =51/194, 30-31=-51/194, =71/194, 30-31=-51/194, =51/194, 30-31=-51/194

February 2,2024

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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. WARNING - Verify design parameters and KEAD KO LES ON THIS AND INCLUDED MILEK REFERENCE PAGE MIL-7473 rev. 17/2/2023 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.sbcscomponents.com)



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Job	Truss	Truss Type Qty Ply Roof - HR Lot 201		Roof - HR Lot 201		
P240070-01	A01	Common Supported Gable	1	1	Job Reference (optional)	163374210

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -0-10-8 to 4-2-0, Exterior(2N) 4-2-0 to 17-6-0, Corner(3R) 17-6-0 to 22-6-0, Exterior(2N) 22-6-0 to 35-0-0 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=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- All plates are 1.5x4 MT20 unless otherwise indicated.
 Gable requires continuous bottom chord bearing.
- 6) Gable studs spaced at 1-4-0 oc.
- 7) This truss has been designed for a 10.0 psf bottom
- chord live load noncorrent with any other live loads.
 All bearings are assumed to be SP No.2 crushing
- capacity of 565 psi.
 Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 2, 20 lb uplift at joint 45, 48 lb uplift at joint 46, 41 lb uplift at joint 48, 40 lb uplift at joint 49, 41 lb uplift at joint 50, 41 lb uplift at joint 51, 41 lb uplift at joint 52, 41 lb uplift at joint 53, 41 lb uplift at joint 54, 40 lb uplift at joint 55, 43 lb uplift at joint 50 lb uplift at joint 77, 11 lb uplift at joint 43, 50 lb uplift at joint 38, 41 lb uplift at joint 37, 41 lb uplift at joint 38, 41 lb uplift at joint 37, 41 lb uplift at joint 36, 41 lb uplift at joint 35, 41 lb uplift at joint 34, 40 lb uplift at joint 33, 41 lb uplift at joint 32 and 84 lb uplift at joint 31.
- 10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2.
- 11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

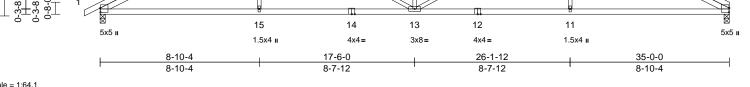
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WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual 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 ANS//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.sbcscomponents.com) 02/26/2024 3:29:08

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	A02	Common	7	1	Job Reference (optional)	163374211

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:34 ID:BogS9sD4xXO0XbuGI?vZqhzIZgQ-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

-0-10-8 0-10-8 17-6-0 8-10-4 26-1-12 35-0-0 8-10-4 8-7-12 8-7-12 8-10-4 4x8= 6 12 6 3x4 🧔 3x4 **≈** 16 17 3x4 👟 3x4 🧔 5 7 4 8 3x4 👟 3x4 💋 18 3 9 3x4 👟 3x4



Scale = 1:64.1

9-5-0 9-1-8

9-6-3

Plate Offsets (X, Y): [2:0-2-13,0-0-4], [10:0-2-13,0-0-4]

			-										
Loading TCLL (roof) TCDL BCLL	(psf) 25.0 10.0 0.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 YES		CSI TC BC WB	0.92 0.91 0.80	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.16 -0.36 0.13	(loc) 10-11 10-11 10	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20	GRIP 244/190
BCDL	10.0	Code	IRC201	8/TPI2014	Matrix-S							Weight: 157 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS SLIDER BRACING TOP CHORD BOT CHORD	2x4 SP No.2 2x3 SPF No.2 Left 2x4 SP No.2 4 No.2 4-10-15 Structural wood she Rigid ceiling directly	athing directly applie	5) P 6) d. 7)	chord live loa All bearings capacity of 5 Provide mec bearing plate joint 2 and 2 This truss is International	is been designed f ad nonconcurrent v are assumed to be 65 psi. hanical connectior capable of withst 39 lb uplift at joint designed in accorr Residential Code nd referenced star	with any e SP No. n (by oth anding 2 10. dance w sections	other live loa 2 crushing ers) of truss 261 lb uplift a ith the 2018 5 R502.11.1 a	to t					
WEBS	bracing. 1 Row at midpt	8-13, 4-13	LC	DAD CASE(S)			00/1111.						
		,	_		etandara								
	Max Horiz 2=175 (LC Max Uplift 2=-261 (L Max Grav 2=1637 (L	C 12) C 12), 10=-239 (LC 1											
FORCES	(lb) - Maximum Com Tension	pression/Maximum											
TOP CHORD													
BOT CHORD		-15=-397/2287,											
WEBS	6-13=-111/984, 8-13 4-13=-880/335, 4-15	8=-885/337, 8-11=0/3	372,										
NOTES	, -											COOL	april
	ed roof live loads have	been considered for										TE OF M	AISSO
	CE 7-16; Vult=115mph	(3-second gust)									A	144	
Vasd=91r Ke=1.00; exterior zo Interior (1 22-6-0, In	mph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2) 4-1-8 to 17-6-0, Exter tterior (1) 22-6-0 to 35-0	DL=6.0psf; h=35ft; d; MWFRS (envelop E) -0-10-8 to 4-1-8, ior(2R) 17-6-0 to 0-0 zone; cantilever I	,								R	S SCOTI SEVI	Service
	exposed ; end vertical l C-C for members and f										8ª	PE-2001	

reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) All plates are 3x4 MT20 unless otherwise indicated.



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 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not besign value for use only with with twit even connectors. This design is based only upon parameters shown, and is for an individual building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer. 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.sbcscomponents.com)

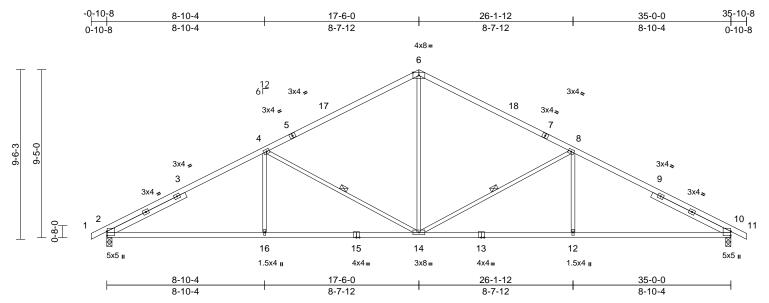
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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	A03	Common	2	1	Job Reference (optional)	163374212

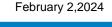
Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:36 ID:HOLO_6S7NNimE1Xq5MjxqizIZdX-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:64.6

Plate Offsets (X, Y): [2:0-2-13,0-0-4], [10:0-2-13,0-0-4]

	(X, 1): [2:0 2 10;0 0 4	j, [10.0 2 10,0 0 4]											
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018/	TPI2014	CSI TC BC WB Matrix-S	0.92 0.90 0.79	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.16 -0.35 0.13	(loc) 10-12 2-16 10	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 158 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS SLIDER BRACING TOP CHORD BOT CHORD BOT CHORD WEBS REACTIONS	 2x4 SP No.2 2x3 SPF No.2 Left 2x4 SP No.2 4 No.2 4-10-15 Structural wood she Rigid ceiling directly bracing. 1 Row at midpt 	athing directly applie applied or 9-3-0 oc 8-14, 4-14 10=0-3-8 C 16) C 12), 10=-261 (LC	5) P 6) d. 7) LOA	chord live loa All bearings a capacity of 5 Provide mech bearing plate joint 2 and 20 This truss is International	nanical connection capable of withsta 1 lb uplift at joint 1 designed in accord Residential Code s nd referenced stan	vith any SP No. (by oth anding 2 0. lance w sections	other live loa 2 crushing ers) of truss t 261 lb uplift at ith the 2018 5 R502.11.1 a	to t				ŭ	
FORCES TOP CHORD BOT CHORD WEBS	(lb) - Maximum Com Tension 1-2=0/6, 2-4=-2698/ 6-8=-1878/403, 8-10 2-16=-396/2286, 14 12-14=-261/2286, 11 6-14=-107/982, 8-14	pression/Maximum 423, 4-6=-1878/403, 0=-2697/423, 10-11= -16=-396/2286, 0-12=-261/2286 =-880/335, 8-12=0/3	0/6										
this desig 2) Wind: AS Vasd=911 Ke=1.00; exterior z Interior (1 22-6-0, In and right exposed; reactions DOL=1.6	CE 7-16; Vult=115mph mph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2 I) 4-1-8 to 17-6-0, Exter iterior (1) 22-6-0 to 35-1 exposed ; end vertical I C-C for members and fr shown; Lumber DOL=	been considered for (3-second gust) DL=6.0psf; h=35ft; d; MWFRS (envelop E) -0-10-8 to 4-1-8, ior(2R) 17-6-0 to 10-8 zone; cantilever left and right orces & MWFRS for 1.60 plate grip	e)								I	STE OF M SCOTT SEVI SEVI PE-20010 PE-20010	ER *



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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	A04	Common	9	1	Job Reference (optional)	163374213

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:37

Premier Building Supply (Springhill, KS), Spring Hills, KS - 66083,

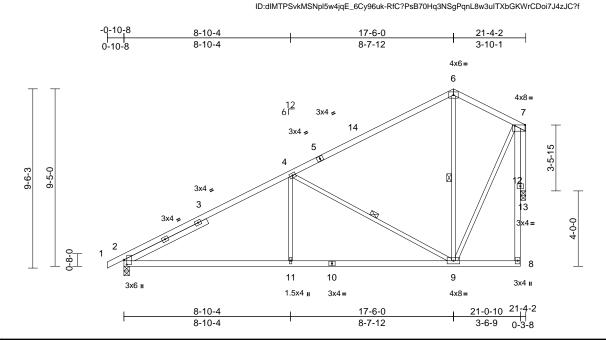


Plate Offsets (X, Y): [2:0-3-1,0-1-13], [7:0-6-8,0-0-8]

Scale = 1:61.2

Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018/T	FPI2014	CSI TC BC WB Matrix-S	0.80 0.79 0.84	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.14 -0.29 0.13	(loc) 2-11 2-11 13	l/defl >999 >867 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 117 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD WEBS OTHERS SLIDER BRACING TOP CHORD WEBS REACTIONS FORCES TOP CHORD BOT CHORD BOT CHORD WEBS	1.5E 2x4 SP No.2 *Exce 2x3 SPF No.2 *Exce 2x4 SP No.2 Left 2x4 SP No.2 Structural wood she 4-2-2 oc purlins, ex Rigid ceiling directly bracing. 1 Row at midpt (size) 2=0-3-8, Max Horiz 2=291 (L0 Max Grav 2=1017 (I (Max Grav 2=1017 (I (Ib) - Maximum Com Tension 1-2=0/6, 2-4=-1420/ 6-7=-404/167, 8-12= 2-11=-456/1164, 9-7 8-9=-90/115	ept* 8-7:2x4 SP No.2 4-10-15 eathing directly applie cept end verticals. / applied or 8-7-8 oc 6-9, 4-9 13=0-3-2 C 9) C 12), 13=-205 (LC LC 1), 13=926 (LC 1) npression/Maximum /217, 4-6=-542/142, =-16/35, 7-12=-16/35 11=-456/1164, 936/344, 4-11=0/386	4) 4 4) 4 5) E 5) E 6) F b 6) F b 10 7) T 11 11 12)	chord live loa All bearings capacity of 5 Bearing at jo using ANSI/1 designer sho Provide mec bearing plate oint 2 and 20 This truss is nternational	int(s) 13 considers IPI 1 angle to grain uld verify capacity hanical connection a capable of withsta 05 lb uplift at joint 1 designed in accorc Residential Code s and referenced stan	vith any SP No. parallel formula of beari (by oth anding 1 3. lance w sections	other live loa 2 crushing 1 to grain valu a. Building ing surface. ers) of truss i 63 lb uplift ar ith the 2018 5 R502.11.1 a	ue to t				STE OF M	AISSOL
this design 2) Wind: ASC Vasd=91n Ke=1.00; (exterior zo Interior (1) 20-10-14 z	ed roof live loads have n. CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2) 4-1-8 to 17-6-0, Exter zone; cantilever left an fr and right exposed:C	(3-second gust) DL=6.0psf; h=35ft; ed; MWFRS (envelog 2E) -0-10-8 to 4-1-8, rior(2E) 17-6-0 to id right exposed ; end	e)							ر	S.	SCOTT SEVI NUM PE-20010	ER BER

Interior (1) 4-1-8 to 17-6-0, Exterior(2E) 17-6-0 to 20-10-14 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=1.60

February 2,2024

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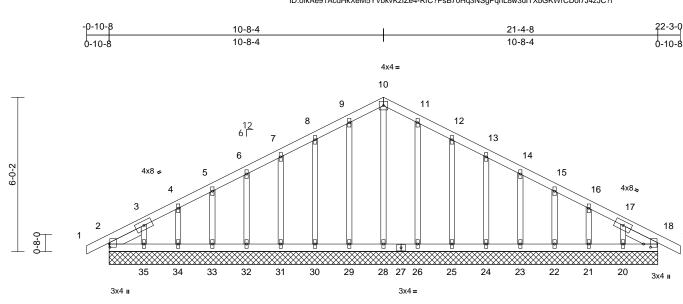
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Page: 1

Job	Truss	Truss Type	Qty	Ply Roof - HR Lot 201		
P240070-01	B01	Common Supported Gable	1	1	Job Reference (optional)	163374214

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21-4-8

Scale =	1:44.9
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6-1-4

Plate Offsets (X, Y): [2:0-1-8,0-0-5], [18:0-1-8,0-3-5]

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,												
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC201	8/TPI2014	CSI TC BC WB Matrix-S	0.06 0.02 0.09	DEFL Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 18	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 111 lb	GRIP 197/144 FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS SLIDER BRACING TOP CHORD BOT CHORD REACTIONS	1-5-0 Structural wood she 6-0-0 oc purlins. Rigid ceiling directly bracing. (size) 2=21-4-8, 21=21-4-4 24=21-4-4 24=21-4-4 31=21-4-4	1-5-0, Right 2x4 SP N athing directly applie applied or 10-0-0 oc 18=21-4-8, 20=21-4 8, 25=21-4-8, 26=21- 8, 25=21-4-8, 30=21- 8, 32=21-4-8, 33=21-	lo.2 d or ^{Br} -8, 4-8, 4-8, 4-8, w		1-2=0/6, 2-3=-155 4-5=-74/65, 5-6=-4 7-8=-48/136, 8-9= 10-11=-72/202, 11 12-13=-48/136, 15 14-15=-35/65, 15- 17-18=-110/36, 16 2-35=-31/132, 32 31-32=-31/132, 32 29-30=-31/132, 22 26-28=-31/132, 25 24-25=-31/132, 25 22-23=-31/132, 21 20-21=-31/132, 16 10-28=-111/14, 9- 7-31=-93/64, 6-32	57/83, 6- -62/174, I-12=-62 3-14=-36, 16=-40/2 3-19=0/6 35=-31/1 2-33=-31, 0-31=-31, 3-29=-31, 3-29=-31, 1-22=-31, 3-20=-31, 2-20=-31, 2-20=-97/2	7=-46/101, 9-10=-72/202 (174, (100, 11, 16-17=-57, 32, (132,))))))))))))))))))))))))))))))))))))	2, /15, /1,	 6) Gable studs spaced at 1-4-0 oc. 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads 8) All bearings are assumed to be SP No.2 crushing capacity of 565 psi. 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 26 lb uplift at joir 2, 32 lb uplift at joint 29, 45 lb uplift at joint 30, 40 lb uplift at joint 31, 41 lb uplift at joint 32, 40 lb uplift at joint 33, 42 lb uplift at joint 34, 71 lb uplift at joint 25, 48 lb uplift at joint 26, 46 lb uplift at joint 22, 42 lb uplift at joint 21, 41 lb uplift at joint 22, 42 lb uplift at joint 21, 61 lb uplift at joint 20 and 4 lb uplift at joint 18. 10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2. 11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. 				any other live loads. No.2 crushing v others) of truss to ing 26 lb uplift at joint at joint 30, 40 lb 32, 40 lb uplift at joint ft at joint 35, 28 lb 25, 40 lb uplift at joint ft at joint 22, 42 lb 20 and 4 lb uplift at provide full bearing 2.
	Max Horiz 2=109 (LC Max Uplift 2=-26 (LC (LC 13), 2 (LC 13), 2 (LC 13), 2 (LC 13), 2 (LC 12), 3 (LC	$\begin{array}{c} (2, 8), 18=-4 \ (LC, 9), 20\\ (21=-42 \ (LC, 13), 22=-42\\ (23=-41 \ (LC, 13), 24=-42\\ (25=-46 \ (LC, 13), 26=-22\\ (25=-46 \ (LC, 12), 30=-42\\ (25=-40 \ (LC, 12), 30=-42\\ (25=-40 \ (LC, 12), 34=-42\\ (25=-40 \ (LC, 12), 34=-42\\ (25=-40 \ (LC, 12), 34=-42\\ (25=-40 \ (LC, 12), 32=-122\\ (25=-40 \ (LC, 12$	40 N(28 1) 45 1) 45 21 2) 45 22 42 2 (6), (1), (2), (5), (5), (1), (2), (2), (2), (3), (2), (3), (3), (3), (3), (3), (3), (3), (3	this design. Wind: ASCI Vasd=91mp Ke=1.00; C. exterior zon Exterior(2N 15-8-4, Exter left and righ exposed;C- reactions sh DOL=1.60 Truss desig	4-34=95/04, $0.524-34=95/103$, $3-312-25=94/71$, $13-15-22=93/81$, $16-15-22=93/81$, $16-15-22=93/81$, $16-15-15-15-15-15-15-15-15-15-15-15-15-15-$	5=-80/12 24=-93/6 21=-95/1 ve been v bh (3-sec 3CDL=6. sed; MW (3E) -0-1 Corner(3F 22-3-0 z rtical left d forces d =1.60 pl s in the p	10, 11-26=-97, 14, 14-23=-93, 03, 17-20=-80 considered for cond gust) Dpsf; h=35ft; FRS (envelop 0-8 to 4-0-4, 10-8 to	/48, /64, D/115 r pe) r ss	Ínt R8	ernationa	al Resid and ref) Sta	dential Code sect ferenced standar	tions R502.11.1 and d ANSI/TPI 1.
FORCES	35=107 (l (lb) - Maximum Com Tension	,	4)	see Standa or consult q	rd Industry Gable E ualified building de e 1.5x4 MT20 unle	End Deta signer a	ils as applicat s per ANSI/TF	ole, PI 1.			Ŷ	FESSIONA	1×1

5) Gable requires continuous bottom chord bearing.

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RELEASE ORCONSTRUCTION AS NOTED ON PLANS REVIEW DEVELORMENTS SERVICES LEE'S'SUMMIT'S MISSOURI 02/26/2024 3:29:08

anne

February 2,2024

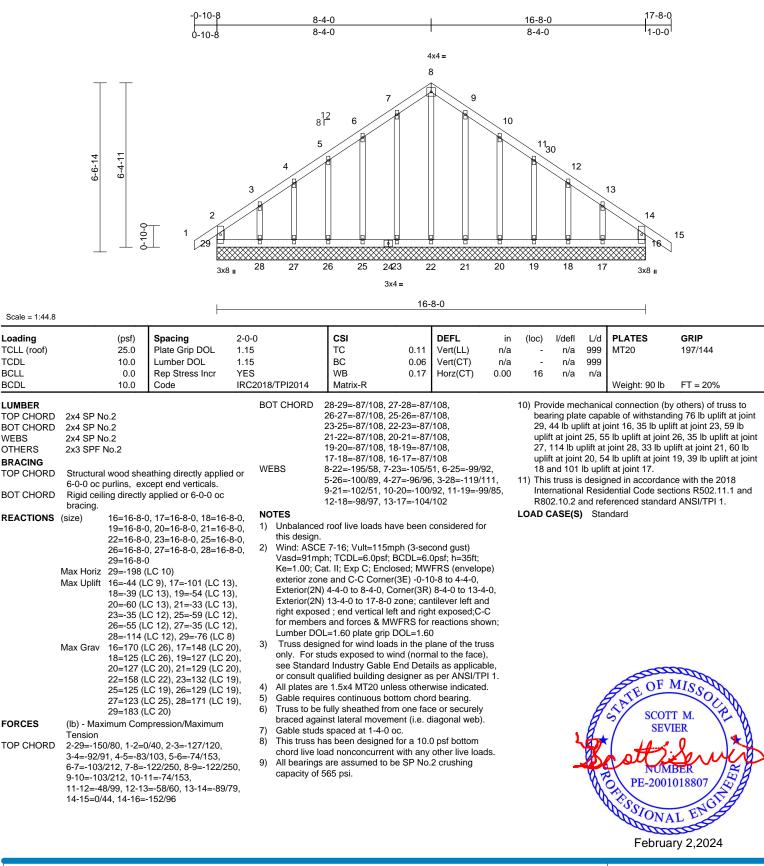
Page: 1

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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	C01	Common Supported Gable	1	1	Job Reference (optional)	163374215

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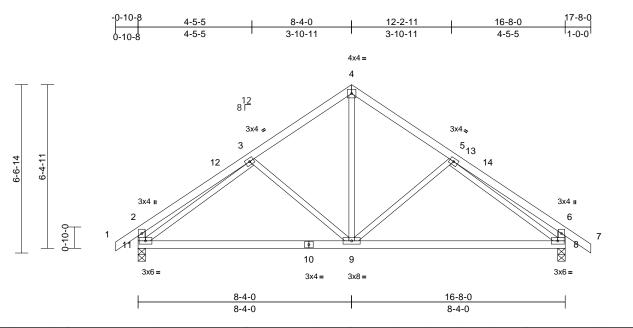
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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	C02	Common	1	1	Job Reference (optional)	163374216

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Page: 1



Loading	(psf)	Spacing	2-0-0	csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	тс	0.25	Vert(LL)	-0.09	8-9	>999	240	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.65	Vert(CT)	-0.18	9-11	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.42	Horz(CT)	0.02	8	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-S							Weight: 81 lb	FT = 20%

LUMBER

BRACING

Scale = 1:45

- TOP CHORD 2x4 SP No.2
- BOT CHORD 2x4 SP No.2

2x3 SPF No.2 *Except* 11-2,8-6:2x4 SP No.2 WEBS

Provide mechanical connection (by others) of truss to 5) bearing plate capable of withstanding 128 lb uplift at joint 11 and 131 lb uplift at joint 8.

This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and

R802.10.2 and referenced standard ANSI/TPI 1.

TOP CHORD Structural wood sheathing directly applied or LOAD CASE(S) Standard 6-0-0 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS (size) 8=0-3-8, 11=0-3-8 Max Horiz 11=-198 (LC 10)

- Max Uplift 8=-131 (LC 13), 11=-128 (LC 12) Max Grav 8=818 (LC 1), 11=808 (LC 1) FORCES (Ib) - Maximum Compression/Maximum Tension TOP CHORD 1-2=0/40, 2-3=-368/118, 3-4=-709/181, 4-5=-709/180, 5-6=-357/113, 6-7=0/44, 2-11=-379/145, 6-8=-382/146 BOT CHORD 9-11=-135/706, 8-9=-64/669
- WEBS 4-9=-85/432, 3-11=-563/103, 5-8=-574/109, 3-9=-232/195, 5-9=-231/194

NOTES

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-3-14, Interior (1) 4-3-14 to 8-4-0, Exterior(2R) 8-4-0 to 13-4-0, Interior (1) 13-4-0 to 17-8-0 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=1.60
- This truss has been designed for a 10.0 psf bottom 3) chord live load nonconcurrent with any other live loads.
- 4) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.



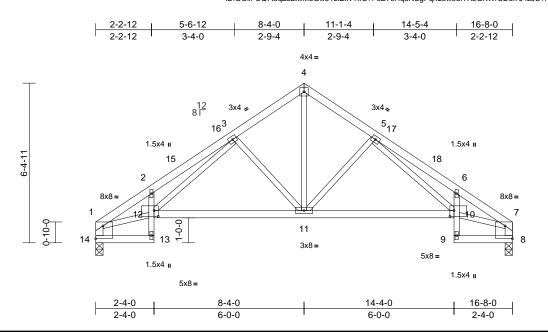
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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	C03	Roof Special	5	1	Job Reference (optional)	163374217

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Scale = 1:46.1

Plate Offsets (X, Y): [1:Edge,0-6-2], [6:0-0-0,Edge], [7:Edge,0-6-2], [10:0-2-0,0-2-12], [12:0-2-0,0-2-12]

			.			-							
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC201	8/TPI2014	CSI TC BC WB Matrix-S	0.20 0.45 0.41	DEFL Vert(LL) Vert(CT) Horz(CT)		(loc) 10-11 10-11 8	l/defl >999 >999 n/a	L/d 240 180 n/a	PLATES MT20 Weight: 79 lb	GRIP 197/144 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SP No.2 *Excep 2x3 SPF No.2 *Excep Structural wood she 4-5-3 oc purlins, exi Rigid ceiling directly bracing.	ept* 14-1,8-7:2x4 SF athing directly applic cept end verticals. applied or 10-0-0 o 14=0-3-8 LC 10) C 13), 14=-102 (LC	° No.2 ed or c 6) L(12)	chord live lo. All bearings capacity of 5 Provide mec bearing plate joint 14 and This truss is International	chanical connection e capable of withs 102 lb uplift at join designed in account Residential Code nd referenced sta	with any e SP No on (by oth standing 1 nt 8. rdance w e sections	other live loa 2 crushing ers) of truss 102 lb uplift a ith the 2018 \$ R502.11.1 a	to t					
FORCES	(lb) - Maximum Com	,, (,											
TOP CHORD	Tension 1-2=-1562/277, 2-3= 3-4=-810/198, 4-5=- 6-7=-1562/258, 1-14	₌-1603/381, 810/204, 5-6=-1603 ↓=-718/130, 7-8=-71 3=-18/52, 2=-136/866,	5/331, 8/129										
WEBS	4-11=-148/661, 1-12 7-10=-185/1204, 3-1 3-12=-222/730, 5-11 5-10=-156/640	1=-373/192,										TATE OF J	MISSO
NOTES	0.0-100/010										6	174	N N
 Unbalance this design Wind: ASC Vasd=91n Ke=1.00; 	ed roof live loads have n. CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2	(3-second gust) DL=6.0psf; h=35ft; d; MWFRS (envelop	pe)							L		sev.	

Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-1-12 to 5-1-12, Interior (1) 5-1-12 to 8-4-0, Exterior(2R) 8-4-0 to 13-4-0, Interior (1) 13-4-0 to 16-6-4 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=1.60 PE-2001018807 February 2,2024

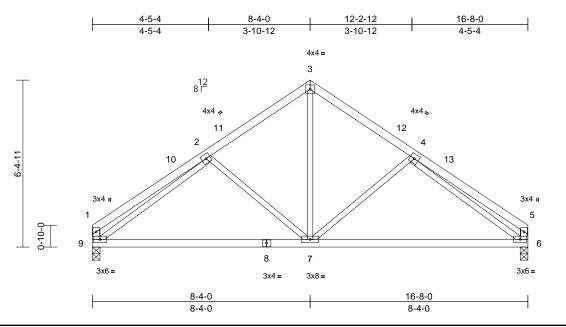
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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	C04	Common	1	1	Job Reference (optional)	163374218

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Page: 1



Scale = 1:44.1

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

Loading TCLL (roof)	(psf) 25.0	Spacing Plate Grip DOL	2-0-0 1.15		CSI TC	0.24	DEFL Vert(LL)	in -0.09	(loc) 6-7	l/defl >999	L/d 240	PLATES MT20	GRIP 244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.65	Vert(CT)	-0.18	6-7	>999	180	11120	210100
BCLL	0.0	Rep Stress Incr	YES		WB	0.44	Horz(CT)	0.02	6	n/a	n/a		
BCDL	10.0	Code	IRC2018	/TPI2014	Matrix-S							Weight: 77 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD	2x4 SP No.2 2x3 SPF No.2 *Exce	athing directly appli	ed or	bearing plate joint 9 and 1 This truss is International	hanical connection capable of withst 02 lb uplift at joint designed in accor Residential Code nd referenced star Standard	anding 1 6. dance w sections	02 lb uplift at ith the 2018 8 R502.11.1 a	t					
BOT CHORD													
REACTIONS	(size) 6=0-3-8, 9 Max Horiz 9=-177 (L Max Uplift 6=-102 (L Max Grav 6=737 (LC	C 8) C 13), 9=-102 (LC 1	2)										
FORCES	(lb) - Maximum Com Tension	pression/Maximum											
TOP CHORD			33,										
BOT CHORD WEBS	7-9=-152/709, 6-7=- 3-7=-90/449, 2-9=-6 2-7=-244/199, 4-7=-	08/133, 4-6=-608/13	33,										
NOTES	2. 2	210,100											
this design 2) Wind: ASC Vasd=91n Ke=1.00; exterior zc Interior (1)	ed roof live loads have n. CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2) 5-1-12 to 8-4-0, Exter) 13-4-0 to 16-6-4 zone	(3-second gust) DL=6.0psf; h=35ft; d; MWFRS (envelop E) 0-1-12 to 5-1-12 ior(2R) 8-4-0 to 13-	pe)									STATE OF A	MISSOUR I M. ER

- Interior (1) 13-4-0 to 16-6-4 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=1.60 3)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- All bearings are assumed to be SP No.2 crushing 4) capacity of 565 psi.

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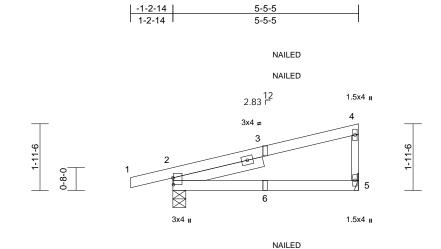


E

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	CG1	Diagonal Hip Girder	2	1	Job Reference (optional)	163374219

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NAILED

5-5-5 Scale = 1:33.8 Plate Offsets (X, Y): [2:0-2-6,0-0-3]

	() / E											
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.68	Vert(LL)	-0.05	2-5	>999	240	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.39	Vert(CT)	-0.10	2-5	>657	180		
BCLL	0.0	Rep Stress Incr	NO	WB	0.00	Horz(CT)	0.00	5	n/a	n/a]	
BCDL	10.0	Code	IRC2018/TPI201	4 Matrix-P							Weight: 24 lb	FT = 20%
			7) "NIAU F	Dillia dia ata a Oindana O		0						
LUMBER				D" indicates Girder: 3	3-10d (0.14	8" x 3") toe-	nalis					
TOP CHORE				S guidelines. .OAD CASE(S) sectio	n loode a	oplied to the	faco					
BOT CHORE				russ are noted as fror			lace					
WEBS SLIDER	2x3 SPF No.2 Left 2x4 SP No.2 2	200		E(S) Standard		ск (В).						
	Leit 2x4 SP N0.2 /	2-0-0		. ,	d). Lumbor	Inorono 1	15					
BRACING				+ Roof Live (balanced Increase=1.15	a): Lumber	Increase=1.	.15,					
TOP CHORE				m Loads (lb/ft)								
BOT CHORE	5-5-5 oc purlins, ex			t: 1-4=-70, 2-5=-20								
BUICHURL	0 0 ,	applied of 10-0-0 0	C ve	$1.1^{-4} = 70, 2^{-5} = 20$								
DEACTIONS	bracing.	- Machanical										
REACTIONS		5= Mechanical										
	Max Horiz 2=73 (LC	,										
	Max Uplift 2=-111 (L Max Grav 2=337 (L0											
	•											
FORCES	(lb) - Maximum Com	npression/Maximum										
	Tension D 1-2=-6/0, 2-4=-95/60	0 4 5 477/005										
BOT CHORE	,	0, 4-5=-1/7/225										
	0 2-5=-34/36											
NOTES												
	SCE 7-16; Vult=115mph											
	mph; TCDL=6.0psf; BC											
	; Cat. II; Exp C; Enclose											
	zone and C-C Corner (3 t exposed ; end vertical		IL								COOL	Jan
	;C-C for members and f										OF OF	MISSO
	s shown; Lumber DOL=									1	TE OF	NO S
DOL=1.6		1.00 plate grip								R	AVI	T N XA
	s has been designed fo	r a 10.0 psf bottom								A	SCOT	
	e load nonconcurrent wi		ds.							8	SEV	
	are assumed to be: Joi									130	1	
capacity	of 565 psi.										hatty	1 And Marks
	girder(s) for truss to trus								-	The second	NUM	BERNYAN
,	mechanical connection									177	PE-2001	
	plate capable of withstar	nding 54 lb uplift at j	oint							N	11-2001	1000/28
	1 lb uplift at joint 2.									Y	100	IN B
	s is designed in accorda										CSSIONA	TENA
	onal Residential Code s		ind								CONP	

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

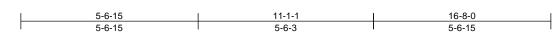
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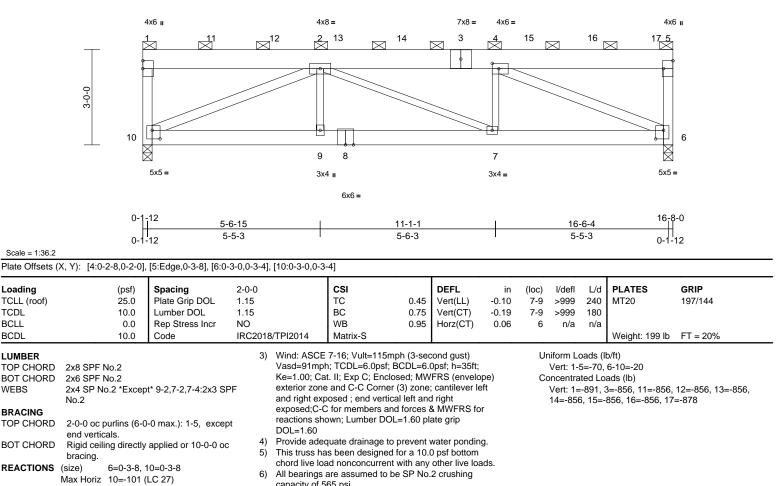


February 2,2024

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	D01	Flat Girder	1	2	Job Reference (optional)	163374220

Run: 8.63 S. Nov. 1.2023 Print: 8.630 S.Nov. 1.2023 MiTek Industries. Inc. Thu Feb 01.07:58:43 ID:hiY_3hNUL1FKHnRPkINHSRzIZyI-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f





Max Uplift 6=-940 (LC 9), 10=-982 (LC 8) Max Grav 6=4514 (LC 1), 10=4718 (LC 1) FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-10=-1715/440, 1-2=-154/92, 2-4=-6535/1616, 4-5=-158/93, 5-6=-1504/399 BOT CHORD 9-10=-1677/6507, 7-9=-1677/6507, 6-7=-1656/6535 WEBS 4-6=-7005/1741. 2-9=0/186. 2-10=-6980/1738, 2-7=-36/44, 4-7=0/184

NOTES

Loading

TCDL

BCLL

BCDL

WEBS

- 1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x8 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x6 - 2 rows
 - staggered at 0-9-0 oc
- Web connected as follows: 2x4 1 row at 0-9-0 oc, 2x3 -1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.

- capacity of 565 psi. 7) Bearing at joint(s) 10, 6 considers parallel to grain value
- using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface. Provide mechanical connection (by others) of truss to
- bearing plate capable of withstanding 982 lb uplift at joint 10 and 940 lb uplift at joint 6.
- This truss is designed in accordance with the 2018 9) International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- 11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 891 Ib down and 187 lb up at 0-1-12, 856 lb down and 174 Ib up at 2-1-13, 856 lb down and 174 lb up at 4-1-13, 856 lb down and 174 lb up at 6-1-13, 856 lb down and 174 lb up at 8-1-13, 856 lb down and 174 lb up at 10-1-13, 856 lb down and 174 lb up at 12-1-13, and 856 Ib down and 174 lb up at $\,$ 14-1-13, and 878 lb down and 184 lb up at 16-1-13 on top chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

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Page: 1

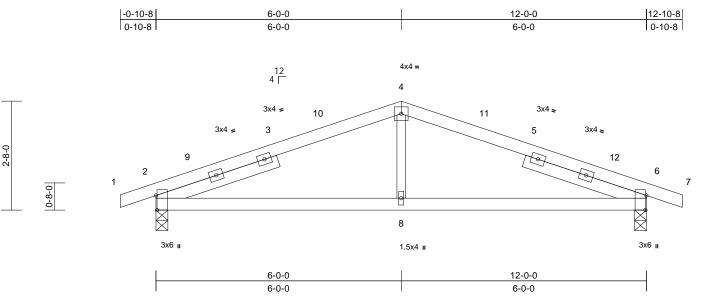
February 2,2024



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

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	D2	Common	3	1	Job Reference (optional)	163374221

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:41 ID:b20WLVH4UYcGchrRswCEa?zpaUf-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:28.2

Plate Offsets (X, Y): [2:0-4-5,Edge], [6:0-4-5,Edge]

	, .). [=	[0.0 . 0,2090]	_										
Loading TCLL (roof)	(psf) 25.0	Spacing Plate Grip DOL	2-0-0 1.15		CSI TC	0.50	DEFL Vert(LL)	in -0.03	(loc) 6-8	l/defl >999	L/d 240	PLATES MT20	GRIP 197/144
TCDL	10.0	Lumber DOL	1.15		BC	0.40	Vert(CT)	-0.06	6-8	>999	180		
BCLL	0.0	Rep Stress Incr	YES		WB	0.09	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code	IRC2018/	/TPI2014	Matrix-S							Weight: 51 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS SLIDER		3-1-9, Right 2x4 SP	6)	bearing plate joint 2 and 1 This truss is International	chanical connectio e capable of withs 35 lb uplift at joint designed in acco I Residential Code nd referenced sta	standing 1 t 6. rdance wi e sections	35 lb uplift at ith the 2018 R502.11.1 a	t					
BRACING			LO	AD CASE(S)	Standard								
TOP CHORD	Structural wood she	athing directly appli	ed or										
BOT CHORD	5-9-6 oc purlins. Rigid ceiling directly	applied or 10-0-0 o	с										
DEACTIONS	bracing.												
REACTIONS	(size) 2=0-3-8, 6 Max Horiz 2=-43 (LC												
	Max Uplift 2=-43 (LC	,											
	Max Grav 2=601 (LC												
FORCES	(lb) - Maximum Corr Tension	,, , ,											
TOP CHORD		438, 4-6=-870/438,											
BOT CHORD	2-8=-306/748, 6-8=-	306/748											
WEBS	4-8=0/272												
NOTES													
	ed roof live loads have	been considered for	r									000	ADD
this design		(C) ()										OF I	MISSIN
	CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC											TE	0.0
	Cat. II; Exp C; Enclose		pe)								B	STATE OF I	May M
	one and C-C Exterior(2		- /								R	S SCOI	
	4-1-8 to 6-0-0, Exterio										R_	SEV.	
()	11-0-0 to 12-10-8 zor	,									107	1 met	· 8. 12
right expo	sed ; end vertical left a	and right exposed;C	-C								X	Joll >c	Zerren

Lumber DOL=1.60 plate grip DOL=1.60 This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) 4) All bearings are assumed to be SP No.2 crushing

for members and forces & MWFRS for reactions shown;

capacity of 565 psi.

February 2,2024

NUMBER

PE-2001018807

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SSIONAL

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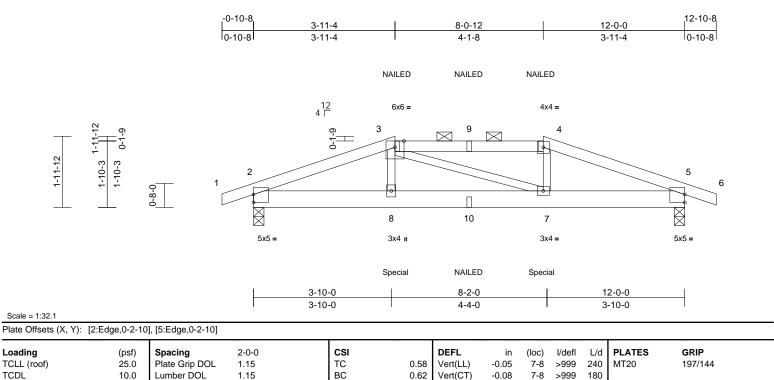
 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not besign value for use only with with twit even connectors. This design is based only upon parameters shown, and is for an individual building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer must verify the applicability of design parameters and properly incorporate this design into the overall building designer. 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.sbcscomponents.com)



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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	D3	Hip Girder	1	1	Job Reference (optional)	163374222

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:41 ID:aNkfF4qxx3_wjTbiuuyPpIzpaOn-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Vert: 3=-59 (B), 4=-59 (B), 8=-221 (B), 7=-221 (B),

9=-59 (B), 10=-19 (B)

ICDL	10.0		1.15		BC	0.02	ven(CT)	-0.08	7-0	>9999	100	
BCLL	0.0	Rep Stress Incr	NO		WB	0.11	Horz(CT)	0.02	5	n/a	n/a	
BCDL	10.0	Code	IRC2018	3/TPI2014	Matrix-S	_						Weight: 48 lb
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD	2x6 SPF No.2 2x3 SPF No.2 Structural wood she 4-1-13 oc purlins, ex 2-0-0 oc purlins (3-1	0-14 max.): 3-4.	8)	bearing plate joint 2 and 2 This truss is International R802.10.2 a Graphical pu or the orient bottom chore		hstanding 2 int 5. cordance w de sections standard AN tion does no in along the	274 lb uplift a ith the 2018 \$ R502.11.1 a VSI/TPI 1. ot depict the e top and/or	t and size				
REACTIONS	bracing. (size) 2=0-3-8, 5 Max Horiz 2=-29 (LC Max Uplift 2=-274 (L Max Grav 2=916 (LC	: 17) C 8), 5=-274 (LC 9)	9) 10	nails per ND) Hanger(s) or provided suf Ib down and	dicates Girder: S guidelines. r other connecti ficient to suppo 60 lb up at 3-1 -0 on bottom ch	on device(s rt concentra 1-4, and 22	s) shall be ated load(s) 2 21 lb down ar	221 nd 60				
FORCES	(lb) - Maximum Com Tension	pression/Maximum	11	such connec	ction device(s) is CASE(S) secti	s the respo	nsibility of oth	ners.				
TOP CHORD	1-2=0/1, 2-3=-1837/ 4-5=-1824/713, 5-6=	, ,			are noted as fro							
BOT CHORD WEBS	2-8=-596/1656, 7-8= 5-7=-592/1644 3-8=-11/326, 3-7=-8		1)	Dead + Ro Plate Incre	of Live (balance ase=1.15	ed): Lumbei	Increase=1.	.15,				
NOTES	0 0= 11/020, 0 7= 0	0,00, 1 1 = 0,022		Uniform Lo Vert: 1-3	ads (lb/tt) =-70, 3-4=-70, -	4-6=-70. 2-	5=-20					
1) Unbalance	ed roof live loads have	been considered for			ed Loads (lb)	· · · · , -						

this design.

TCDL

- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 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=1.60
- 3) Provide adequate drainage to prevent water ponding. This truss has been designed for a 10.0 psf bottom 4)
- chord live load nonconcurrent with any other live loads. All bearings are assumed to be SPF No.2 crushing capacity of 425 psi. 5)
 - 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 beigh valid for use only with with with sets outputs into design is based only door parameters shown, and is for an individual dualing 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.sbcscomponents.com)

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Page: 1

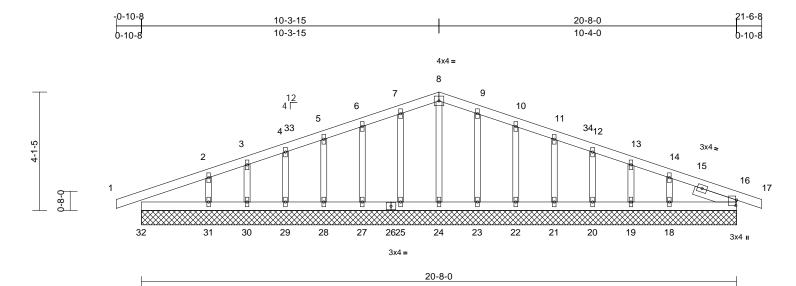
February 2,2024



Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	E01	Common	1	1	Job Reference (optional)	163374223

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:44 ID:EwoEkqkmlj8IJLkdWhWVgwzIbDA-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:40

Plate Offsets (X, Y): [16:0-2-5,0-0-5]

Plate Olisets	(A, T). [10.0-2-5,0-0-	5]	-									-		
Loading TCLL (roof) TCDL BCLL	(psf) 25.0 10.0 0.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 YES		CSI TC BC WB	0.89 0.04 0.13	DEFL Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00		c) l/defl - n/a - n/a 6 n/a	L/d 999 999 n/a	PLATES MT20	GRIP 197/144	
BCDL	10.0	Code		8/TPI2014	Matrix-S	0.10		0.00	•			Weight: 91 lb	FT = 20%	
LUMBER TOP CHORD BOT CHORD OTHERS SLIDER BRACING TOP CHORD	2x4 SP No.2 2x3 SPF No.2 Right 2x4 SP No.2 Structural wood sh 2-2-0 oc purlins.	eathing directly applie	D		1-2=0/71, 2-3=-115 4-5=-37/145, 5-6=- 7-8=-59/216, 8-9=- 10-11=-43/171, 11 12-13=-27/128, 13 14-16=-72/103, 16 31-32=-78/78, 30-3 28-29=-78/78, 23-2 24-25=-78/78, 23-2	43/167, 59/219, -12=-36, -14=-32, -17=-5/0 81=-78/7 28=-78/7	6-7=-52/193, 9-10=-52/197 /146, /114, %, 29-30=-78/ %, 25-27=-78/	78, 78,	9) F b 1 u jo	apacity of Provide me bearing pla 6, 26 lb up iplift at joir pint 30, 40 p uplift at j	565 ps echanic te capa plift at j nt 28, 8 16 lb up oint 22	al connection (by able of withstand oint 25, 37 lb upli 7 lb uplift at joint lift at joint 31, 30 , 32 lb uplift at joi	No.2 crushing y others) of truss to ing 60 lb uplift at joint ft at joint 27, 28 lb 29, 271 lb uplift at lb uplift at joint 23, 35 int 21, 34 lb uplift at 63 lb uplift at joint 18.	
BOT CHORD	Rigid ceiling directl bracing.	y applied or 6-0-0 oc			,		,		10) T	his truss i	s desig	ned in accordan	ce with the 2018	
REACTIONS	20=20-8 23=20-8 23=20-8 27=20-8 30=20-8 30=20-8 32=-78 (19=-28 (21=-32 (23=-30 (27=-37 (29=-87 (31=-406 Max Grav 16=165 19=101 21=119 23=125 25=125 28=109	LC 8), 18=-63 (LC 13) LC 9), 22=-35 (LC 9), LC 9), 22=-35 (LC 9), LC 13), 25=-26 (LC 12) LC 8), 28=-28 (LC 12) LC 8), 30=-271 (LC 25) (LC 26), 18=182 (LC 12) (LC 26), 20=124 (LC 25) (LC 1), 22=120 (LC 26) (LC 26), 24=129 (LC 25) (LC 25), 27=121 (LC 25) (LC 25), 27=121 (LC 25) (LC 25), 27=121 (LC 25) (LC 1), 29=196 (LC 25) (LC 8), 31=637 (LC 1)	8-0, W 8-0, 8-0, 8-0, 8-0, 9, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	 21-2278/78, 20-21=-78/78, 19-20=-78/78, 18-19=-78/78, 16-18=-78/78 WEBS 8-24=-103/0, 7-25=-98/78, 6-27=-94/92, 5-28=-83/80, 4-29=-167/131, 3-30=-289/290, 2-31=-590/529, 9-23=-99/79, 10-22=-93/91, 11-21=-93/86, 12-20=-95/71, 13-19=-82/59, 14-18=-136/92 NOTES 1) Unbalanced roof live loads have been considered for this design. 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -0-10-8 to 4-1-8, Exterior(2N) 41-18 to 10-3-15, Corner(3R) 10-3-15 to 15-3-15, Exterior(2N) 15-3-15, to 21-6-8 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=1.60 3) Truss designed for wind loads in the plane of the truss only. For study exposed to wind (normal to the face), 						International Residential Code sections R502.11.1 an R802.10.2 and referenced standard ANSI/TPI 1. 0, LOAD CASE(S) Standard				
FORCES	(lb) - Maximum Coi Tension	npression/Maximum	4) 5) 6) 7)	or consult q All plates ar Gable requi Gable studs This truss h	rd Industry Gable E ualified building des re 1.5x4 MT20 unles res continuous bott s spaced at 1-4-0 or as been designed f vad nonconcurrent v	signer as ss other om chor c. or a 10.4	s per ANSI/TP wise indicated d bearing. 0 psf bottom	11.				PE-2001	12 A	

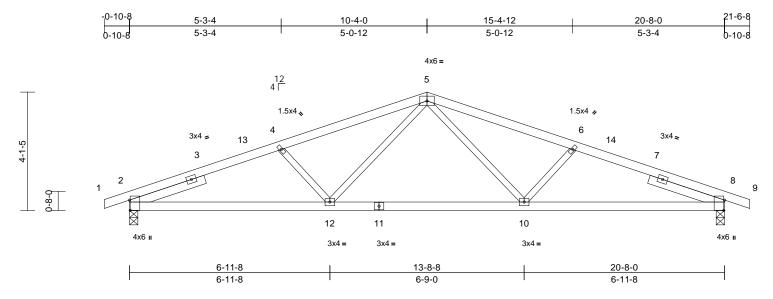
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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 colleges 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.sbcscomponents.com)

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February 2,2024

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	E02	Common	4	1	Job Reference (optional)	163374224

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:45 ID:?fi_i7CoRVjrfkyMV9FPRszIbDr-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:40

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

		. , , , ,						-			
Loading	(psf)	Spacing	2-0-0	csi		DEFL	in (l	oc) l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	тс	0.51	Vert(LL)	-0.10 10 [.]		240	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.19 10	12 >999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.05	8 n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-S						Weight: 86 lb	FT = 20%
LUMBER				ngs are assumed to	be SP No.	2 crushing					
TOP CHORD				of 565 psi.	Cara Arra alla						
BOT CHORD				mechanical connec plate capable of wit							
WEBS	2x3 SPF No.2		•	nd 203 lb uplift at joi		tos ib upilit at					
SLIDER	Left 2x4 SP No.2 2	2-8-14, Right 2x4 Si		is is designed in ac		ith the 2018					
	No.2 2-8-14			onal Residential Co			4				
BRACING	o		D002 10	.2 and referenced s							
TOP CHORD		athing directly appli	ed or	E(S) Standard							
BOT CHORD	3-8-5 oc purlins. Rigid ceiling directly	applied or 9 9 0 og									
BOT CHORD	bracing.	applied of 6-6-0 oc									
REACTIONS	0	0.2.0									
REACTIONS	(size) 2=0-3-8, 8 Max Horiz 2=-70 (LC										
	Max Uplift 2=-203 (LC										
	Max Grav 2=991 (LC										
FORCES	(lb) - Maximum Com										
FURGES	Tension	pression/waximum									
TOP CHORD		/548 4-5=-1703/49	7								
	5-6=-1703/497, 6-8=										
BOT CHORD											
	8-10=-456/1730	,									
WEBS	5-10=-87/485, 6-10=	-295/203, 5-12=-87	7/485,								
	4-12=-295/203									~	(T)
NOTES										A	and
1) Unbalanc	ed roof live loads have	been considered for	or							TEOF	MISSO
this desig	ın.								4	A.M.	N'SON
	CE 7-16; Vult=115mph								H	SCOT	TM
	mph; TCDL=6.0psf; BC								8	SEV	
	Cat. II; Exp C; Enclose								R		
	one and C-C Exterior(2								01	4	
) 4-1-8 to 10-4-0, Exter		laft.							con	Servin
	nterior (1) 15-6-1 to 21-6 exposed ; end vertical		leit						103	NUM	BER ASS
	C-C for members and f		r						N'A	O PE-2001	018807
	shown; Lumber DOL=		1						V	The second second	12 A
DOL=1.6		piaro grip							Y	CSSIONA	NO'A
	s has been designed for	r a 10.0 psf bottom								ONA	LEFE
	e load nonconcurrent wi		ids.							CON A	The second secon

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

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 toulsable 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.sbcscomponents.com)

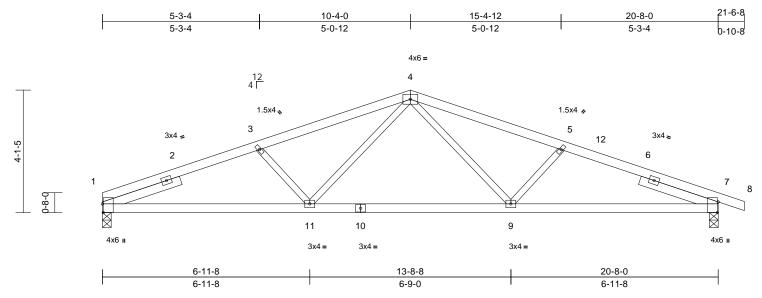


February 2,2024

Page: 1

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	E03	Common	1	1	Job Reference (optional)	163374225

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:45 ID:PVvYvzSLjeE03pUCgMc6F4zIbDX-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:38.7

Plate Offsets (X, Y): [1:0-3-8,Edge], [7:0-4-5,Edge]

Loading TCLL (roof)	(psf) 25.0	Spacing Plate Grip DOL	2-0-0 1.15		CSI TC	0.51	DEFL Vert(LL)	in -0.10	(loc) 9-11	l/defl >999	L/d 240	PLATES MT20	GRIP 244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.57	Vert(CT)	-0.10	9-11 9-11	>999	180	101120	244/190
BCLL	0.0	Rep Stress Incr	YES		WB	0.17	Horz(CT)	0.05	7	n/a	n/a		
BCDL	10.0	Code	IRC2018	3/TPI2014	Matrix-S	-	- (-)					Weight: 85 lb	FT = 20%
LUMBER TOP CHORD			4) 5)	capacity of 5	are assumed to be 65 psi. hanical connection		0	to					
BOT CHORD WEBS	2x4 SP No.2 2x3 SPF No.2		5)		e capable of withst								
SLIDER	Left 2x4 SP No.2 2 No.2 2-8-14	2-8-14, Right 2x4 SF	6)	joint 1 and 2 This truss is	04 lb uplift at joint designed in accor	7. dance w	ith the 2018						
BRACING					Residential Code			and					
TOP CHORD	Structural wood she 3-8-4 oc purlins.	athing directly applie	ed or LO	AD CASE(S)	nd referenced star Standard	ndard Ar	NSI/TP11.						
BOT CHORD	Rigid ceiling directly bracing.	applied or 8-4-12 o	C										
REACTIONS	0	12) .C 8), 7=-204 (LC 9)											
FORCES	(lb) - Maximum Corr Tension	,. ,											
TOP CHORD	1-3=-1930/593, 3-4= 4-5=-1707/508, 5-7=	-1921/565, 7-8=-5/0)										
BOT CHORD	1-11=-488/1741, 9-1 7-9=-471/1733	11=-283/1274,											
WEBS	4-9=-86/484, 5-9=-2 3-11=-300/212	95/202, 4-11=-102/4	191,										
NOTES												A SOL	all all
 Unbalance this design 	ed roof live loads have n.	been considered fo	r									TE OF	MISSO STA
2) Wind: ASC Vasd=91n Ke=1.00; 0 exterior zc	CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2	DL=6.0psf; h=35ft; d; MWFRS (envelop E) 0-0-0 to 5-1-15,	be)									STATE OF SCOT	T M.
15-6-1, Ini) 5-1-15 to 10-4-0, Exte terior (1) 15-6-1 to 21-6	6-8 zone; cantilever	left							4	K	dett?	Sinter

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=1.60

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

PE-2001018807

SIONAL

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 **ANSITPTI 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.sbcscomponents.com)



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February 2,2024

Page: 1

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	HG1	Lay-In Gable	1	1	Job Reference (optional)	163374226

1-11-8

Premier Building Supply (Springhill, KS), Spring Hills, KS - 66083,

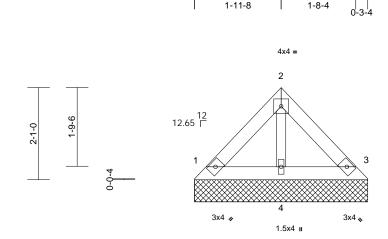
Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:45 ID:6BAH2kpJAms35J0WKBRAH4zpaOo-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

3-7-12

3-11-0

3-11-0





Scale = 1:26.1

						-							
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018	3/TPI2014	CSI TC BC WB Matrix-P	0.06 0.03 0.01	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 3	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 14 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD	2x4 SP No.2	athing directly appli	7) 8) ed or 9) c	All bearings capacity of 5 Provide mec bearing plate 1 and 25 lb t This truss is International	hanical connection e capable of withs uplift at joint 3. designed in acco Residential Code nd referenced sta	on (by oth standing 2 rdance w e sections	ers) of truss t 6 lb uplift at j ith the 2018 5 R502.11.1 a	joint					
REACTIONS	0	; 13), 3=-25 (LC 13)		.,									
FORCES TOP CHORD BOT CHORD WEBS	(lb) - Maximum Com Tension 1-2=-74/38, 2-3=-69 1-4=-15/37, 3-4=-15 2-4=-64/19	/31											
NOTES 1) Unbalance this design 2) Wind: ASC Vasd=91n Ke=1.00; (exterior zc and right e	ed roof live loads have	(3-second gust) DL=6.0psf; h=35ft; d; MWFRS (envelop E) zone; cantilever left and right	oe) left								4	STE OF I	MISSOL

reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable,

exposed;C-C for members and forces & MWFRS for

or consult qualified building designer as per ANSI/TPI 1. Gable requires continuous bottom chord bearing. 4)

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

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

 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 besign value to dury with with where outputs into design is based only door parameters shown, and is for an individual building design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members and property incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/TPH1 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.sbcscomponents.com)

SCOTT M. SEVIER PE-2001018807 SIONAL E February 2,2024



Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	J1	Jack-Open	3	1	Job Reference (optional)	163374227

-0-10-8

0-10-8

Premier Building Supply (Springhill, KS), Spring Hills, KS - 66083,

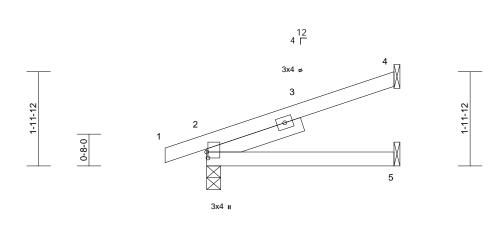
Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:46 ID:aNkfF4qxx3_wjTbiuuyPpIzpaOn-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

3-11-4

3-11-4

3-11-4

Page: 1



Scale = 1:24.2 Plate Offsets (X, Y): [2:0-1-8,0-0-5]

	(7, 1). [2.0 1 0,0 0 0]										-	
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	-0.01	2-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.18	Vert(CT)	-0.03	2-5	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.01	4	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P							Weight: 17 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD SLIDER		2-1-3	Internationa	s designed in acco al Residential Cod and referenced sta) Standard	e sections	R502.11.1 a	and					
BRACING			(,								
TOP CHORD	Structural wood she	athing directly applie	ed or									
	3-11-4 oc purlins.	3,										
BOT CHORD	 Rigid ceiling directly bracing. 	applied or 10-0-0 o	с									
REACTIONS	(size) 2=0-3-8, 4	4= Mechanical, 5=										
	Mechanic											
	Max Horiz 2=70 (LC											
	Max Uplift 2=-68 (LC	,, , ,										
	Max Grav 2=243 (L0 (LC 3)	C 1), 4=129 (LC 1), 5	5=77									
FORCES	(lb) - Maximum Com	nression/Maximum										
1 ONOLO	Tension											
TOP CHORD	1-2=-5/0, 2-4=-76/32	2										
BOT CHORD	2-5=0/0											
NOTES												
	CE 7-16; Vult=115mph	(3-second aust)										
	mph; TCDL=6.0psf; BC											
Ke=1.00;	Cat. II; Exp C; Enclose	d; MWFRS (envelop	pe)									Th
	one and C-C Exterior(2		left								OFI	MIG D
	exposed ; end vertical l										TATE OF I	115S
	C-C for members and f		ſ							6	A.M.	N.S.
DOL=1.6	shown; Lumber DOL=	1.60 plate grip								R	SCOT	TM. VEN
	s has been designed for	r a 10.0 nsf bottom								R	SEV	IER \ Y
	e load nonconcurrent wi		ds						- 7	'ant		D \ *-4
	are assumed to be: , Jo								\	MX.	hatte	Some
	of 565 psi.		5						2		NIM	BER 20

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

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 74 lb uplift at joint 4 and 68 lb uplift at joint 2.

NUMBER PE-200101880 ONAL E

February 2,2024

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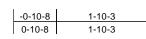
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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	J2	Jack-Open	4	1	Job Reference (optional)	163374228

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1-10-3



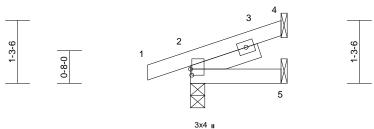


Plate Offsets (X, Y): [2:0-1-8,0-0-5]

	(X, T): [2:0 T 0;0 0 0]											
Loading	(psf)	Spacing	2-0-0	csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	0.00	2-5	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	0.00	2-5	>999	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P							Weight: 9 lb	FT = 20%
LUMBER			6) This truss is	s designed in acco	ordance w	ith the 2018						
TOP CHORE	2x4 SP No.2			al Residential Code			and					
BOT CHORE	2x4 SP No.2		R802.10.2	and referenced sta	andard AN	ISI/TPI 1.						
SLIDER	Left 2x4 SP No.2 7	1-5-8	LOAD CASE(S) Standard								
BRACING												
TOP CHORE		athing directly appli	ed or									
	1-10-3 oc purlins.											
BOT CHORE	0 0 ,	applied or 10-0-0 o	С									
DEACTIONS	bracing.	A Mashaular C										
REACTIONS	(Size) 2=0-3-8, 4 Mechanic	4= Mechanical, 5=										
	Max Horiz 2=40 (LC											
	Max Uplift 2=-57 (LC	,										
	Max Grav 2=158 (L0		=37									
	(LC 3)	,, (,,										
FORCES	(lb) - Maximum Corr	pression/Maximum										
	Tension											
TOP CHORE		6										
BOT CHORE	0 2-5=0/0											
NOTES												
	SCE 7-16; Vult=115mph											
	mph; TCDL=6.0psf; BC ; Cat. II; Exp C; Enclose		20)									
	zone and C-C Exterior(2										and	TOP
	exposed ; end vertical		ion								TATE OF	MISC
	;C-C for members and f		r							6	7 50	NOS C
	s shown; Lumber DOL=	1.60 plate grip								B	SCOT	TM XPN
DOL=1.6										8	Z SEV	
	s has been designed fo									8 +		····
	e load nonconcurrent wis are assumed to be: , Jo									Ø	1 et	. 0 1-1
	of 565 psi.	Unit 2 OF INU.2 CIUSI	ing								NOT.	Se Malen
	girder(s) for truss to tru	ss connections.							-	23	5	BER
,	mechanical connection		0							N'A	ON PE-2001	018807 125 4

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 57 lb uplift at joint 2 and 35 lb uplift at joint 4.

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February 2,2024

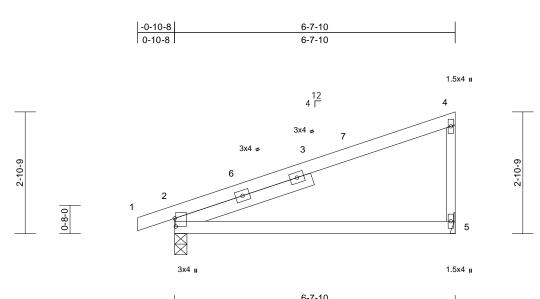
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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	M01	Monopitch	9	1	Job Reference (optional)	163374229

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0-7-10

Plate Offsets (X, Y):	[2:0-2-5,0-0-5]
-----------------------	-----------------

Scale = 1:27.2

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	тс	0.67	Vert(LL)	-0.11	2-5	>718	240	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.22	2-5	>359	180		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	5	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P							Weight: 29 lb	FT = 20%
LUMBER												

2x4 SP 1650F 1.5E	
2x4 SP No.2	
2x3 SPF No.2	
Left 2x4 SP No.2 3-4-14	
Structural wood sheathing directly applied or	
6-0-0 oc purlins, except end verticals.	
Rigid ceiling directly applied or 10-0-0 oc	
bracing.	
(size) 2=0-3-8, 5= Mechanical	
Max Horiz 2=119 (LC 9)	
Max Uplift 2=-97 (LC 8), 5=-74 (LC 12)	
Max Grav 2=359 (LC 1), 5=290 (LC 1)	
(lb) - Maximum Compression/Maximum	
Tension	
1-2=-5/0, 2-4=-158/94, 4-5=-224/313	
2-5=-52/57	
E 7-16; Vult=115mph (3-second gust)	
	2x4 SP No.2 2x3 SPF No.2 Left 2x4 SP No.2

- Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 6-6-6 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=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP No.2 crushing
- capacity of 565 psi. 4)
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to 5) bearing plate capable of withstanding 74 lb uplift at joint 5 and 97 lb uplift at joint 2.
- 6) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



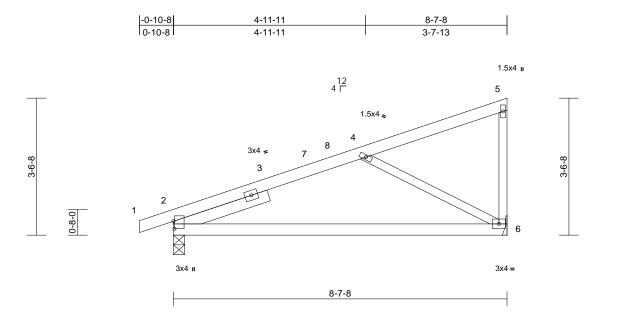
 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not beigh valid for use only with with with sets outputs into design is based only door parameters shown, and is for an individual dualing 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.sbcscomponents.com)



Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	M02	Monopitch	1	1	Job Reference (optional)	163374230

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1/J4zJC?f



Scale = 1:29.8

Plate Offsets (X, Y): [2:0-2-5,0-0-5]

TCLL (roof) 25.0 Piate Grip DOL 1.15 TC 0.21 Vert(L) 0.22 2-6 >462 240 3CLL 0.0 Lumber DOL 1.15 BC 0.46 Vert(L) 0.22 2-6 >462 240 3CLL 0.0 Code IRC2018/TP12014 Matrix-P Vert(L) 0.24 2-46 >241 160 Vert(L) 0.24 2-46 240 N Weight: 37 Ib FT = 20% UMBER Code IRC2018/TP12014 Matrix-P 2018 International Residential Code sections R502.11.1 and R602.10.2 and referenced standard ANS/TP1 1. Vert(L) 9.24 SP 4006.2 - 2-6-13 Standard referenced standard ANS/TP1 1. VEBS 243 SP No.2 2-0-38.6 6 Mechanical MS2 (D) 2 and referenced standard ANS/TP1 1. LOAD CASE(S) Standard SIDER Edital difficiently applied or 10-0-0 oc bracing. Standard Standard Standard Standard Max Upitt 2=-114 (LC 8) Ge-980 (LC 12) Max Upitt 2=-114 (LC 8) Ge-980 (LC 12) Max Upitt 2=-114 (LC 8) Ge-980 (LC 12) Max Optitt 2=-116 (D) 24 Standard Standard Standard		()) [)]											
CICLL (rod) 25.0 Place Op. DOL. 1.15 TC 0.21 VertiCT -0.22 2-6 -462 240 MT20 197/144 SCLL 0.00 Rep Stress Incr YES WB 0.8 Horz(CT) 0.00 6 n/a n/a Matrix P SCDL 10.0 Code IRC2018/TPI2014 Matrix: P Matrix: P Weight: 37 ib FT = 20% UMMER TOP CHORD 2x4 SP 1650F 1.5E International Residential Code sections R502.11.1 and R02.10.2 and referenced standard ANSI/TPI 1. DAD CASE(S) Standard VEBS 2x3 SPF No.2 LoAD CASE(S) Standard	Loading	(psf)	Spacing	2-0-0	csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
SCLL 0.0 Rep Stress Incr YES WB 0.18 Horz(CT) 0.00 6 r/a r/a SCDL 10.0 Code IRC2018/TPI2014 Matrix-P Matrix-P Weight: 37 lb FT = 20% SCDL Code IRC2018/TPI2014 Matrix-P Matrix-P Matrix-P Weight: 37 lb FT = 20% SCDL Code IRC2018/TPI2014 Matrix-P Matrix-P Matrix-P Weight: 37 lb FT = 20% SOD CHORD 2x4 SP 1650F 1.5E ISE Role (16, 11) Stress Intravious Code sections R502.11.1 and Residential Code sections R502.11.1 and Residential Code sections R502.11.1 and referenced standard ANSUTP1 1. LOAD CASE(S) Standard SIDER Left 2x4 SP No.2 - 2-6-13 Standard ISE A code methods and referenced standard ANSUTP1 1. LOAD CASE(S) Standard SIDER Load CASE (S) Standard ISE A code methods and referenced standard ANSUTP1 1. LOAD CASE(S) Standard Matrix Upilt 2=-114 (LC 6), 66-96 (LC 12) Matrix Pilt 2=-114 (LC 6), 66-96 (LC 12) Matrix Pilt 2=-114 (LC 6), 66-96 (LC 12) ISE A code methods and referenced standard ANSUTP1 1. ISE A code methods and referenced standard ANSUTP1 1. VBES 4-6-419/48/3 VOTES ISE A code methods and referenced standard ANSUTP1 1. ISE A code methods and referenced standard ANSUT	TCLL (roof)			1.15	тс	0.21	Vert(LL)			>462	240	MT20	197/144
CDL 10.0 Code IRC2018/TP12014 Matrix-P Weight: 37 Ib FT = 20% LUMBER TOP CHORD 2x4 SP 1650F 1.5 E 6 1 This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. Image: Code Section R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. LOAD CASE(S) Standard Standard Image: Code Section R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. LOAD CASE(S) Standard Standard Image: Code Section R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. LOAD CASE(S) Standard Image: Code Section R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. LOAD CASE(S) Standard Image: Code Section R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. LOAD CASE(S) Standard Image: Code Section R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. LOAD CASE(S) Image: Code Section R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. Image: Code Section R502.11.1 and R802.10.2 and referenced standard ANSI/TP1 1. LOAD CHORD D: 20-50, 24-465/347, 45-99/73, 5-6-100/131 Image: Code Section R502.11.1 and R50.10.2 and referenced standard ANSI/TP1 1. Image: Code Section R50.11.1 and R50.10.2 and referenced standard ANSI/TP1 1. VBCES 4-6-419/493 Image: Code R50.11.1 and R50.10.2 and referenced standard ANSI/TP1 1. Image: Code R50.11.1 and R50.10.2 and referenced R50.	TCDL	10.0	Lumber DOL	1.15	BC	0.46	Vert(CT)	-0.44	2-6	>231	180		
 LUMBER TOP CHORD 2x4 SP 1650F 1.5E G) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. LOAD CASE(S) Standard ANSI/TPI 1. LOAD CASE(S) Standard ANSI/TPI 1. LOAD CASE(S) Standard Standard ANSI/TPI 1. LOAD CASE(S) Standard ANSI/TPI 1. LOAD CASE(S) ANSI/TPI 1. LOAD CA	BCLL	0.0	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.00	6	n/a	n/a		
TOP CHORD 2x4 SP 1650F 1.5E International Residential Code sections R502.11.1 and R802.102 and referenced standard ANSI/TPI 1. MEBS 2x3 SP FN 0.2 LOAD CASE(S) Standard SLIDER Left 2x4 SP No.2 - 2-6-13 RACE/NG LOAD CASE(S) STOCHORD Structural wood sheathing directly applied or records. FOO C-O corputine, except end verticals. LOAD CASE(S) Standard SOT CHORD Rigid celling directly applied or 10-0-0 corbication. FOO CORD Region Residential Code sections R502.11.1 and R502.10.2 and R502.1 and R502.1 and R502.1 and R502.1 and R502	BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P							Weight: 37 lb	FT = 20%
TOP CHORD 2x4 SP 1650F 1.5E International Residential Code sections R502.11.1 and R802.102 and referenced standard ANSI/TPI 1. MEBS 2x3 SP FN 0.2 LOAD CASE(S) Standard SLIDER Left 2x4 SP No.2 - 2-6-13 RACE/NG LOAD CASE(S) STOCHORD Structural wood sheathing directly applied or records. FOO C-O corputine, except end verticals. LOAD CASE(S) Standard SOT CHORD Rigid celling directly applied or 10-0-0 corbication. FOO CORD Region Residential Code sections R502.11.1 and R502.10.2 and R502.1 and R502.1 and R502.1 and R502.1 and R502				6) This truss is	designed in accord	ance w	ith the 2018						
Soft CHORD 2x4 SP 2400F 2.0E R802.10.2 and referenced standard ANSI/TPI 1. MEBS 2x3 SPF No.2 LOAD CASE(S) Standard LOAD CASE(S) Standard SIDER Left 2x4 SP No.2 LOAD CASE(S) SRACING FOO CHORD Structural wood sheathing directly applied or 6-0-0 oc purins, except end verticals. SOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing. REACTIONS (size) 2-0-3.8, 6= Mechanical Max Hoitz Max Hoitz 2-151 (LC 0) Max Kar V Max Kirz 2-56, 0.6 6-00 (C1 1) FORCES (b) - Maximum Compression/Maximum Transion Transion TOP CHORD 12-8-50, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 5-6=-100/131 SOT CHORD 2-6=-482/371 MVFRS 6-9-100/131 Varied 2-6=-482/371 Socton dust Socton dust Varied 2-6=-482/371 Socton dust Socton dust Varied 0-9-14/493 Socton dust Socton dust Socton dust Varied 0-14/143 Socton dust Socton dust Socton dust Varied 0-14/1450 Soctoc dust <		2x4 SP 1650E 1 5E						and					
WEBS 2x3 SPF No.2 LOAD CASE(S) Standard SUDER Left 2x4 SP No.2 - 2-6-13 Component of the second productionals wood sheathing directly applied or 10-0-0 oc braing. SRACING Rigid ceiling directly applied or 10-0-0 oc braing. Second ceiling directly applied or 10-0-0 oc braing. WEBS 2-0-3-8, 6 Mechanical Max Horiz Max Horiz 2-114 (LC 8), 6=-96 (LC 12) Max Grav 2-444 (LC 1), 6=-300 (LC 1) FOR CES (Ib) - Maximum Compression/Maximum Tension Tension TOP CHORD 2-6-422/31 VEBS 4-6-419/433 VOTES 1) Winit ASCE 7-16; Wult=115mph (3-second gust) Vaad=9-fliptic To/2-10, 0-26 to 4-18, Interror(1) 4-1-8 to 8-64 zone; cantilever left and right responsed : -160 zone; zone; zone and C-C Exterror(2E) -0-10.4 to 4-18, Interror(1) 4-1-8 to 8-64 zone; cantilever left and right responsed : -160 zone; zone								and					
SLIDER Left Zx4 SP No.2 - 2-6-13 RACING Structural wood sheathing directly applied or 6-0-0 oc purifies, except end verticals. SOT CHORD Structural wood sheathing directly applied or 6-0-0 oc purifies, except end verticals. SOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing. REACTIONS (Size) 2-0-3-8, 6= Mechanical Max Horiz Max Koriz 2-151 (LC 9) Max Koriz 2-151 (LC 9) Max Koriz 2-151 (LC 9) Max Grav 2-448 (LC 1), 6=-36 (LC 12) Max Grav 2-448 (LC 1), 6=-36 (LC 12) Max Grav 2-448 (LC 1), 6=-360 (LC 1) FORCES (b) - Maximum Compression/Maximum Tension Tension 5-6-100/13 SOT CHORD 2-6-482/371 WRES 4-6-419/493 NOTES 10 10 Winit: ASCE 7-16; Vult=115mph (3-second gust) Vaad=91mph; TCDL=6.0pd; BCDL=6.0pd; h=-35ft; Vaad=91mph; TCDL=6.0pd; B c 4-1-8, Interior (1) 4-1-8 to 8-64 zone; cantilever left and right exposed; c-1 do members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 2) This truss has been designed for a 10.0 psf bottom chord live lead nonconcurrent with any other live loads. 3) Bearing are asasuned to be: Joint 2 S	WEBS			LOAD CASE(S)	Standard								
TOP CHORD Structural wood sheathing directly applied or 6-0-0 ce purifies, except end verticals. SOT CHORD Rigid celling directly applied or 10-0-0 ce bracing. REACTONS (size) 2=0-3-8, 6= Mechanical Max Horiz Max Diplit 2=-114 (LC 8), 6=-96 (LC 12) Max Grav 2=448 (LC 1), 6=-96 (LC 12) Max Grav 2=448 (LC 1), 6=-96 (LC 12) Max Grav 2=448 (LC 1), 6=-90 (LC 1) FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2e-5(0, 2-4e-465/347, 4-5=-99/73, 5-6=-100/131 SOT CHORD 2-6=-482/371 WEBS 4-6e-419/493 SOT ES I) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=60pst; BCDL=60pst; he35ft; Ke=1.00; c.41; Exp. C. Inclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-15 to 8-64 zone; canitiever left and right exposed : end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DDL=1.60 pts grip DDL=1.60 21 This truss has been designed for a 10.0 pst bottom chord live lead nonconcurrent with any other live loads. 32 This truss has been designed for a 10.0 pst bottom crushing capacity of 805 psi. 33 Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 34 Refer to girder(5) for truss to truss connections. 35 Provide mechanical connection (by others) of truss to bearing pute capacity of 805 psi.	SLIDER	Left 2x4 SP No.2 2	2-6-13	(-)									
 6-0-0 cc purifis, except end verticals. SOT CHOR Rigid ceiling directly applied or 10-0-0 cc bracing. REACTORS (size) 2-0-3-8, 6 = Mechanical Max Horiz 2-151 (LC 8), 6=-96 (LC 12) Max Uplit 2=-114 (LC 8), 6=-96 (LC 12) Max Grav 2=448 (LC 1), 6=380 (LC 1) FORCES (b) - Maximum Compression/Maximum Tension TOP CHOR 1-22-5/0, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 SOT CHOR 2-6=-482/371 WEBS 4-6=-419/493 VOTES VoteS + 4-6=-419/493 Vote A - 419/493 Vote A - 419/493 Vote A - 419/493 Vote B - 10-10-10-0.0 cpt; BCDL=6.0pt; BCDL=6	BRACING												
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS (size) 2=0-3-8, 6= Mechanical Max Horiz 2=151 (LC 9) Max Uplit 2=-114 (LC 9), 6=-96 (LC 12) Max Grav 2=448 (LC 1), 6=-360 (LC 1) FORCES (b) - Maximum Compression/Maximum Ternsion TOP CHORD 1-2=-5/0, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 BOT CHORD 2-6=-482/371 VEBS 4-6=-419/493 VOTES 1) Wincit ASCE 7-16; Vult=115mph (3-second gust) Vasde91mph; TCDL=6.0pst; he35ft; Kc=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 41-18, Interior (1) 4-13 to 8-64 zone; cantilever left and right exposed; c-C for members and forces & MWFRS (envelope) 2) This trues has been designed tor a 10.0 psi bottom chord live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity 6405 psi. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity for trues to trues connections. 3) Provide mechanical connection (9 othres) of trues to bearing piete capable of withstanding 96 lb uplit at joint 	TOP CHORD	Structural wood she	athing directly applie	ed or									
bracing. bracing. REACTIONS (size) 2e-0-3-6, 6e Mechanical Max Horiz 2=151 (LC 9) Max Horiz 2=151 (LC 9) Max Grav 2=448 (LC 1), 6=380 (LC 12) Max Grav 2=448 (LC 1), 6=380 (LC 1) FORCES (b) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-500, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 3OT CHORD 2-6=-482/371 WEBS 4-6=-419/483 NOTES 1) 1) Winit: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 zone; canillever 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=1.60 2) This trues has been designed for a 10.0 psf bottom chord like load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Join1 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate cab													
REACTIONS (size) 2=0-3-8, 6= Mechanical Max Horiz 2=151 (LC 9) Max Uplit 2=114 (LC 8), 6=-96 (LC 12) Max Grav 2=448 (LC 1), 6=380 (LC 1) FORCES (lb) - Maximum Compression/Maximum Tension Tension TOP CHORD 1-2=-5/0, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 30T CHORD 30T CHORD 2-6=-482/371 WEBS 4-6=-419/493 VOTES 1 1) Wint: ASCE 7-16; Vult=115mph (3-second gust) Vasde-91mph; TCDL=6.0psf; hDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C2 Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 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=1.60 2) This trues has been designed for a 10.0 psf bottom chord lide anonconcernet with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 3) PE-zool1018807 4) Refer to girder(s) for	BOT CHORD	0 0 ,	applied or 10-0-0 or	С									
Max Horiz 2=151 (LC 9) Max Uplift 2=-114 (LC 8), 6=-96 (LC 12) Max Grav 2=448 (LC 1), 6=380 (LC 1) FORCES (b) - Maximum Compression/Maximum Tension TOP CHORD 1:2=-50, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 30T CHORD 2-6=-482/371 WEBS 4-6=-419/493 VOTES 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -01-8 to 41-18, Interior (1) 4-1-8 to 8-64 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 pats egined for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 ib uplift at joint	DE LOTIONO	0											
Max Uplift 2=-114 (LC 8), 6=-96 (LC 12) Max Grav 2=-48 (LC 1), 6=-380 (LC 1) FORCES (b) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-5/0, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 30T CHORD 2-6=-482/371 WEBS 4-6=-419/493 NOTES I) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; b=-35ft; Ke=1.00; C Enclosed; MWFRS [cnvelope] exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 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=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(5) for truss to truss connection. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint	REACTIONS	· · · · ·											
Max Grav 2=448 (LC 1), 6=380 (LC 1) FORCES (b) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-5(0, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 30T CHORD 2-6=-482/371 WEBS 4-6=-419/493 NOTES 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 41-1-8, Interior (1) 41-18 to 8-6-4 zone; canciliever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DCL=1.60 Plate grip DCL=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint													
FORCES (b) - Maximum Compression/Maximum Tension TOP CHORD 1-2e-5(0, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 SOT CHORD 2-6=-482/371 WEBS 4-6=-419/493 NOTES 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 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=1.60 SCOTT M. SEVIER 21 This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. SCOTT M. 30 Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. PE-2001018807 21 Refer to girder(s) for truss to truss connections. PE-2001018807 31 Refer to girder(s) for truss to truss connections. PE-2001018807 32 Provide mechanical connection (b) others) of truss to bearing plate capable of withstanding 96 lb uplift at joint													
Tension TOP CHORD 1:2=-5/0, 2:4=-465/347, 4:5=-99/73, 5:6=-100/131 3OT CHORD 2:6=-482/371 WEBS 4:6=-419/493 VOTES 1) Wind: ASCE 7:16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4:1-8, Interior (1) 4:1-8 to 8:-6:4 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=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint	FORCES												
TOP CHORD 1-2=-5/0, 2-4=-465/347, 4-5=-99/73, 5-6=-100/131 SOT CHORD 2-6=-482/371 WEBS 4-6=-419/493 NOTES 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-64-2 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 DDL=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearing are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint	TOROLO		pression/maximum										
 BOT CHORD 2-6=-482/371 WEBS 4-6=-419/493 NOTES 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 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=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 	TOP CHORD		347, 4-5=-99/73,										
 WEBS 4-6=-419/493 NOTES 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 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=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 													
 Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BcDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 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=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 	BOT CHORD												
 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8. Interior (1) 4-1-8 to 8-6-4 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=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 	WEBS	4-6=-419/493											
 Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 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=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 													
Ke=1.00; Čat. II; Exp C; Énclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-10-8 to 4-1-8, Interior (1) 4-1-8 to 8-6-4 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=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint													
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 action (1) 4 FO to 00 4 2016, calified and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 				Je)								F. OF	MISC
 Scottr M. Scottr M. Scottr				iht							6	7.50	- OCA
members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint											B	SCOT	TM XPN
 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 3) Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 				;							B	~/	
 chord live load nonconcurrent with any other live loads. Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. Refer to girder(s) for truss to truss connections. Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 											BA		
 Bearings are assumed to be: Joint 2 SP 2400F 2.0E crushing capacity of 805 psi. Refer to girder(s) for truss to truss connections. Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 				da							W		· la lat
crushing capacity of 805 psi. 4) Refer to girder(s) for truss to truss connections. 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 96 lb uplift at joint 5) ONAL ENDER										1		an/	Onis
bearing plate capable of withstanding 96 lb uplift at joint										_	27	NUM	
bearing plate capable of withstanding 96 lb uplift at joint			s connections.								N.	OK PE-2001	018807
bearing plate capable of withstanding 96 lb uplift at joint											Y	N. Por	154
6 and 114 lb uplift at joint 2.			nding 96 lb uplift at j	oint							0	SIONA	LENA
	6 and 114	Ib uplift at joint 2.										CON P	

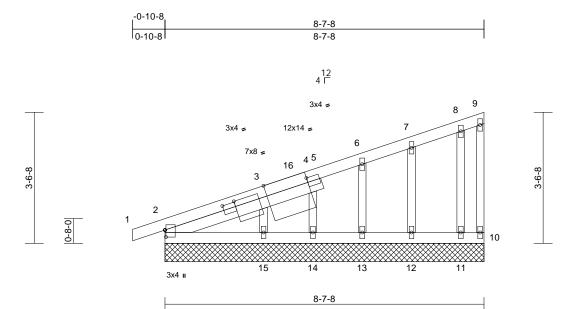
February 2,2024

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Job		Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P24007	70-01	M03	Monopitch Structural Gable	1	1	Job Reference (optional)	163374231

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:47 ID:Li57b0?BZjbt6vvvTdsnNZzIIIT-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



Scale = 1:31.2

Plate Offsets (X, Y): [2:0-2-5,0-0-5], [2:1-8-2,0-1-8], [2:4-0-14,0-1-8], [3:2-0-2,0-1-12], [4:2-10-14,Edge]

Loading	(psf) 25.0	Spacing	2-0-0 1.15		CSI TC	0.00	DEFL	in	(loc)	l/defl	L/d 999	PLATES MT20	GRIP 197/144
TCLL (roof) TCDL	25.0 10.0	Plate Grip DOL Lumber DOL	1.15		BC	0.20 0.05	Vert(LL) Vert(CT)	n/a n/a	-	n/a n/a	999 999	M120	197/144
BCLL	0.0	Rep Stress Incr	YES		WB	0.05	Horz(CT)	0.00	10	n/a	999 n/a		
BCDL	10.0	Code		8/TPI2014	Matrix-P	0.05	11012(01)	0.00	10	n/a	n/a	Weight: 44 lb	FT = 20%
							-			-			
LUMBER			1)		7-16; Vult=115n								
TOP CHORD					n; TCDL=6.0psf;			,					
BOT CHORD	2x4 SP No.2				t. II; Exp C; Encl			pe)					
WEBS	2x3 SPF No.2				and C-C Exterio			- L					
OTHERS	2x3 SPF No.2				-0-0 to 8-6-4 zon								
SLIDER	Left 2x4 SP No.2 4	1-5-8			d forces & MWF								
BRACING					=1.60 plate grip			ι,					
TOP CHORD		athing directly applie	dor 2)		ned for wind load			221					
DOTOUODD	6-0-0 oc purlins, ex		_,		ids exposed to w								
BOT CHORD	Rigid ceiling directly	applied or 10-0-0 oc			d Industry Gable								
	bracing.				alified building d								
REACTIONS	· · · ·	10=8-7-8, 11=8-7-8,	3)	All plates are	e 1.5x4 MT20 un	less other	wise indicated	d.					
	12=8-7-8, 15=8-7-8	13=8-7-8, 14=8-7-8,	4)	Gable requir	es continuous bo	ottom chor	d bearing.						
	Max Horiz 2=151 (L0	2 0)	5)	Gable studs	spaced at 1-4-0	OC.							
	Max Uplift 2=-37 (LC		6)		is been designed								
		C 12), 12=-37 (LC 8)			ad nonconcurren			ids.					
		C 12), 12=-37 (LC 8) C 12), 14=-37 (LC 8)		All bearings are assumed to be SP No.2 crushing									
	15=-58 (L			capacity of 565 psi. 8) Provide mechanical connection (by others) of truss to									
	Max Grav 2=174 (LC		1=89 ⁸⁾										
		2=127 (LC 1), 13=120			capable of with			oint					
		(LC 1), 15=212 (LC			ift at joint 2, 58 lb			in int					
FORCES	(lb) - Maximum Com	pression/Maximum	,		14, 31 lb uplift at uplift at joint 11.		sr ib upilit at	joint					
	Tension		0)		e or shim require		de full beerin	~				and	an
TOP CHORD	1-2=-5/0, 2-3=-286/1	42, 3-4=-217/107,	9)		truss chord at jo		ue fuil bearing	g				TATE OF J	MISSIN
	4-6=-165/93, 6-7=-1	26/81, 7-8=-84/68,	10		designed in acco		ith the 2018					A TE	-050,0
	8-9=-70/71, 9-10=-2	3/27			Residential Cod			nd			6	15/	New /
BOT CHORD	2-15=-66/72, 14-15=	-66/72, 13-14=-66/72	2,		nd referenced sta						H		
	,	2=-66/72, 10-11=-66/7		DAD CASE(S)							Й	SEV.	IER \ Y
WEBS		=-79/104, 6-13=-91/ ⁻	115, L		Clandara						27	1	
	7-12=-100/114, 8-11	=-66/80									ØV		
NOTES											R	NoVin	COMIN
											WG	NUM	Dest

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February 2,2024

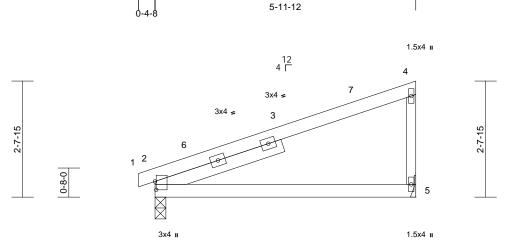
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ONAL

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	10007 1000
P240070-01	M04	Monopitch	8	1	Job Reference (optional)	163374232

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5-11-12

5-11-12

Scale = 1:26.4	

Plate Offsets	(X,	Y):	[2:0-2-5,0-0-5]
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Loading	(nof)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	(psf) 25.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	-0.07	(100)	>987	240	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.00	Vert(CT)	-0.07	2-5	>494	180	101120	137/144
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2 5	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P	0.00	11012(01)	0.00	5	n/a	Π/a	Weight: 25 lb	FT = 20%
BOBL	10.0	0000		Madix							Wolght. 20 lb	11-20/0
LUMBER			LOAD CASE(S)	Standard								
TOP CHORD	2x4 SP No.2											
BOT CHORD	2x4 SP No.2											
WEBS	2x3 SPF No.2											
SLIDER	Left 2x4 SP No.2 3	Left 2x4 SP No.2 3-0-12										
BRACING												
TOP CHORD	Structural wood she	athing directly applie	ed or									
	2-2-0 oc purlins, ex											
BOT CHORD	Rigid ceiling directly	applied or 10-0-0 o	C									
	bracing.											
REACTIONS	()	5= Mechanical										
	Max Horiz 2=105 (LC 9)											
	Max Uplift 2=-66 (LC 8), 5=-67 (LC 12)											
	Max Grav 2=291 (LC 1), 5=263 (LC 1)											
FORCES	(Ib) - Maximum Compression/Maximum											

Tension TOP CHORD 1-2=-14/0, 2-4=-148/87, 4-5=-205/297 2-5=-48/52

BOT CHORD

- NOTES
- Wind: ASCE 7-16; Vult=115mph (3-second gust) 1) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -0-4-8 to 4-7-8, Interior (1) 4-7-8 to 5-10-8 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=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) Bearings are assumed to be: Joint 2 SP No.2 crushing capacity of 565 psi.
- Refer to girder(s) for truss to truss connections. 4)
- Provide mechanical connection (by others) of truss to 5) bearing plate capable of withstanding 67 lb uplift at joint 5 and 66 lb uplift at joint 2.
- 6) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



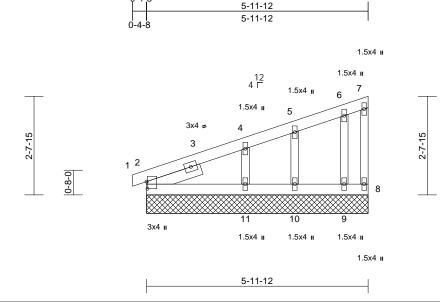
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 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not beigh valid for use only with with with sets outputs into design is based only door parameters shown, and is for an individual dualing 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.sbcscomponents.com)



Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	M05	Monopitch Supported Gable	1	1	Job Reference (optional)	163374233

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:48 ID:mWBO7I0ZHkKDrR_deDoZYazIldh-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:31.1

Plate Offsets (X, Y): [2:0-2-5,0-0-5]

Fiale Olisels	(X, T). [2.0-2-5,0-0-5]												
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018	8/TPI2014	CSI TC BC WB Matrix-P	0.17 0.05 0.08	DEFL Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 8	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 26 lb	GRIP 197/144 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS SLIDER BRACING TOP CHORD BOT CHORD REACTIONS	 2x4 SP No.2 2x3 SPF No.2 2x3 SPF No.2 Left 2x4 SP No.2 Structural wood she 5-11-12 oc purlins, Rigid ceiling directly bracing. (size) 2=5-11-12 10=5-11 Max Horiz 2=105 (LC Max Uplift 2=-18 (LC (LC 12), 1 12) Max Grav 2=130 (LC 	eathing directly applie except end verticals applied or 10-0-0 or 2, 8=5-11-12, 9=5-11 12, 11=5-11-12 C 9) C 8), 8=-11 (LC 11), § 10=-25 (LC 8), 11=-7) -1-12, 8) 22 9) 22 9) 	only. For stu see Standard or consult qu All plates are Gable requir Gable studs This truss ha chord live loa All bearings capacity of 5 Provide mec bearing plate 8, 18 lb upliff at joint 10 an This truss is International	hanical connection e capable of withst t at joint 2, 73 lb up ad 22 lb uplift at joi designed in accorr Residential Code nd referenced star	nd (norm ind Deta signer as so other com chor c. ior a 10.1 with any e SP No. n (by oth anding 1 bilift at join nt 9. dance w sections	al to the face ils as applical s per ANSI/TF wise indicated d bearing. D psf bottom other live loa 2 crushing ers) of truss t 1 lb uplift at j nt 11, 25 lb u ith the 2018 s R502.11.1 a), ble, Pl 1. d. ds. os. oint plift					
FORCES	(lb) - Maximum Com Tension												
TOP CHORD	1-2=-14/0, 2-4=-240 5-6=-84/69, 6-7=-51												acon
BOT CHORD	,	,	,									TATE OF	MISSO
WEBS	4-11=-173/323, 5-10	0=-73/101, 6-9=-74/1	19								A	SCOT	N Col
Vasd=91 Ke=1.00; exterior z Exterior(2 right expo for memb	SCE 7-16; Vult=115mph mph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose cone and C-C Corner(3E 2N) 4-7-8 to 5-10-8 zon- osed ; end vertical left a bers and forces & MWFi DOL=1.60 plate grip DC	DL=6.0psf; h=35ft; ed; MWFRS (envelop E) -0-4-8 to 4-7-8, e; cantilever left and and right exposed;C- RS for reactions sho	c							0		NUM PE-2001	IER BER 018807

February 2,2024





Job	Truss Type		Qty	Ply	Roof - HR Lot 201	
P240070-01	V01	Valley	1	1	Job Reference (optional)	163374234

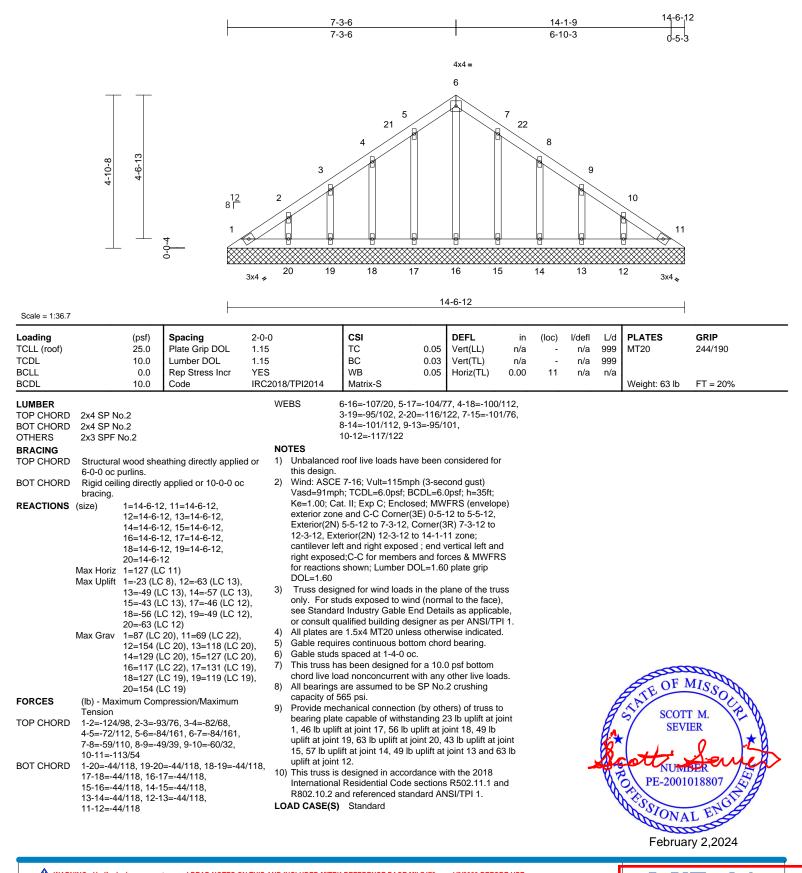
Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:48 ID:m8tdFaMYfjR5Whyd5b7vSjzIZhX-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1

TION

VELOPMENSSERVICES

LEE'S' SUMMIT'S MISSOURI 02/26/2024 3:29:09



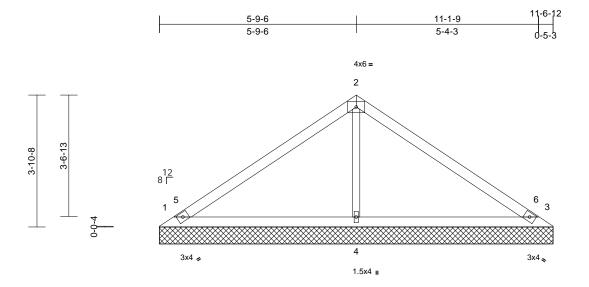
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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V02	Valley	1	1	Job Reference (optional)	163374235

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:48 ID:3UpGjzRx?tK5sm?z?ZmYEBzIZhQ-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Page: 1



11-6-12

Scale =	1:33.8

Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018/TPI2014	CSI TC BC WB Matrix-S	0.48 0.29 0.10	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 3	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 39 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD REACTIONS FORCES TOP CHORD BOT CHORD BOT CHORD WEBS	6-0-0 oc purlins. Rigid ceiling directly bracing. (size) 1=11-6-12 Max Horiz 1=99 (LC Max Uplift 1=-54 (LC 4=-29 (LC	C 12), 3=-67 (LC 13), C 12) C 1), 3=247 (LC 1), 4 npression/Maximum 84/88	chord li 7) All bear capacit 8) Provide bearing 1, 67 lb 9) This tru Internat R802.1 LOAD CAS	ss has been designe re load nonconcurre ngs are assumed to of 565 psi. mechanical connec plate capable of wit uplift at joint 3 and 2 s is designed in act onal Residential Co 2 and referenced s E(S) Standard	nt with any be SP No. tion (by oth hstanding 5 29 lb uplift a cordance w de sections	other live loa 2 crushing ers) of truss t 4 lb uplift at j tt joint 4. ith the 2018 5 R502.11.1 a	to joint					
NOTES 1) Unbalance	ed roof live loads have	been considered for										

- this design.
- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-5-12 to 5-5-12, Interior (1) 5-5-12 to 5-9-12, Exterior(2R) 5-9-12 to 10-9-12, Interior (1) 10-9-12 to 11-1-11 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=1.60
- Truss designed for wind loads in the plane of the truss 3) only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable requires continuous bottom chord bearing. 4)
- Gable studs spaced at 4-0-0 oc. 5)



February 2,2024

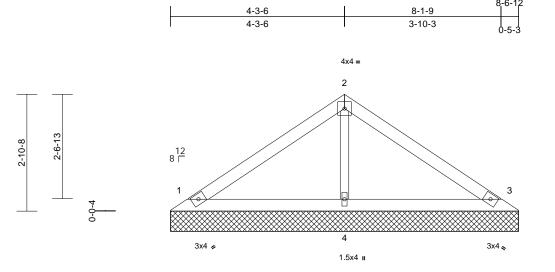


ΤΙΟΝ DEVELORMENT SERVICES LEE'S'SUMMIT'SMISSOURI 02/26/2024 3:29:09

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V03	Valley	1	1	Job Reference (optional)	163374236

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:49 ID:MqkvCNXKM0C5Cq1JwXOB0gzIZhJ-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f





8-6-12

Scale	· 1 - د	28.3

Loading TCLL (roof) TCDL BCLL	(psf) 25.0 10.0 0.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 YES		CSI TC BC WB	0.33 0.15 0.05	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 3	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20	GRIP 244/190
BCDL	10.0	Code	IRC20	18/TPI2014	Matrix-P							Weight: 28 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD REACTIONS	6-0-0 oc purlins. Rigid ceiling directly bracing. (size) 1=8-6-12, Max Horiz 1=-71 (LC Max Uplift 1=-49 (LC (LC 12)	, 3=8-6-12, 4=8-6-12 2 8) 2 12), 3=-58 (LC 13), C 1), 3=194 (LC 1), 4	ed or 5 5 I 4=-1	 capacity of 5 Provide mechanism bearing plate 1, 58 lb uplif This truss is International 	hanical connect capable of wit at joint 3 and designed in ac Residential Co nd referenced s	ction (by oth thstanding 4 1 lb uplift at ccordance w ode sections	ers) of truss t 9 lb uplift at j joint 4. ith the 2018 5 R502.11.1 a	joint					
TOP CHORD	1-2=-122/69, 2-3=-1	16/69											

BOT CHORD 1-4=-15/57, 3-4=-15/57 WEBS 2-4=-206/102

NOTES

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

- Wind: ASCE 7-16; Vult=115mph (3-second gust) 2) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 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=1.60
- Truss designed for wind loads in the plane of the truss 3) only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable requires continuous bottom chord bearing. 4) 5)
- Gable studs spaced at 4-0-0 oc.
- This truss has been designed for a 10.0 psf bottom 6) chord live load nonconcurrent with any other live loads.

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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V04	Valley	1	1	Job Reference (optional)	163374237

2-9-6

2-9-6

Premier Building Supply (Springhill, KS), Spring Hills, KS - 66083,

1-6-13

1-10-8

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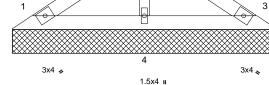
5-1-9

2-4-3

5-6-12



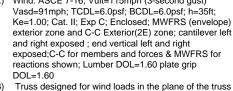
2 12 8 Г



5-6-12

Scale = 1:24.3

Scale = 1:24.3												
Loading TCLL (roof)	(psf) 25.0	Spacing Plate Grip DOL	2-0-0 1.15	CSI TC C).11	DEFL Vert(LL)	in n/a	(loc)	l/defl n/a	L/d 999	PLATES MT20	GRIP 244/190
TCDL	10.0	Lumber DOL	1.15		0.06	Vert(TL)	n/a	-	n/a	999	-	
BCLL	0.0	Rep Stress Incr	YES	WB C	0.02	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P							Weight: 18 lb	FT = 20%
1	5-7-8 oc purlins. Rigid ceiling directly bracing. (size) 1=5-6-12, Max Horiz 1=-43 (LC Max Uplift 1=-30 (LC	/	capacity of 5 8) Provide mech bearing plate 1 and 35 lb u or 9) This truss is International R802.10.2 ar LOAD CASE(S)	hanical connection (b capable of withstand plift at joint 3. designed in accordan Residential Code sec nd referenced standar	y oth ing 3 ce wi	ers) of truss to 0 lb uplift at jo ith the 2018 R502.11.1 at	pint					
FORCES	(lb) - Maximum Com	pression/Maximum										
WEBS NOTES 1) Unbalanced this design. 2) Wind: ASC	Tension 1-2=-74/51, 2-3=-70 1-4=-9/35, 3-4=-9/35 2-4=-125/80 d roof live loads have E 7-16; Vult=115mph ph; TCDL=6.0psf; BC	5 been considered for (3-second gust)										



3) only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1. Gable requires continuous bottom chord bearing. 4)

5)

Gable studs spaced at 4-0-0 oc.

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

 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 besign value to dury with with where outputs into design is based only door parameters shown, and is for an individual building design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members and property incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/TPH1 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.sbcscomponents.com)



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TION

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V05	Valley	1	1	Job Reference (optional)	163374238

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:49 ID:dedwqTC_R9kf4CX2VyiXfvzIYJx-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

2-1-9

1-3-6 1-3-6



Spacing 2-0-0 CSI DEFL (psf) 25.0 Plate Grip DOL 1.15 TC 0.02 Vert(LL) 10.0 Lumber DOL 1.15 BC 0.03 Vert(TL) 0.0 Rep Stress Incr YES WB Horiz(TL) 0.00 10.0 Code IRC2018/TPI2014 Matrix-P

8)

LUMBER TOP CHORD 2x4 SP No.2 B

BOT CHORD 1-3=-16/44

NOTES

Loading

TCDL

BCLL

BCDL

TCLL (roof)

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 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=1.60
- Truss designed for wind loads in the plane of the truss 3) only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable requires continuous bottom chord bearing. 4) Gable studs spaced at 4-0-0 oc. 5)
- 6)
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) All bearings are assumed to be SP No.2 crushing capacity of 565 psi.

Provide mechanical connection (by others) of truss to

This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and

R802.10.2 and referenced standard ANSI/TPI 1.

1 and 11 lb uplift at joint 3.

LOAD CASE(S) Standard

bearing plate capable of withstanding 11 lb uplift at joint



PLATES

Weight: 7 lb

MT20

GRIP

244/190

FT = 20%

l/defl

n/a

n/a 999

n/a n/a

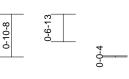
L/d

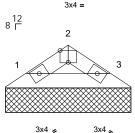
999

February 2,2024

 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.
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2-6-12

in

n/a

n/a

0.00

(loc)

3

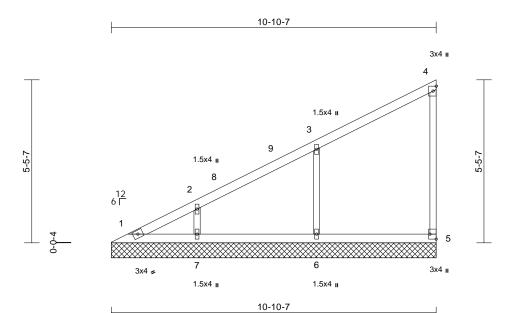
Scale = 1:23.5 Plate Offsets (X, Y): [2:0-2-0,Edge]

TOP CHORD	2x4 SP N	0.2
BOT CHORD	2x4 SP N	0.2
BRACING		
TOP CHORD	Structural	wood sheathing directly applied or
	2-7-8 oc p	ourlins.
BOT CHORD	Rigid ceili	ing directly applied or 10-0-0 oc
	bracing.	
REACTIONS	(size)	1=2-6-12, 3=2-6-12
	Max Horiz	1=15 (LC 9)
	Max Uplift	1=-11 (LC 12), 3=-11 (LC 13)
	Max Grav	1=75 (LC 1), 3=75 (LC 1)
FORCES	(lb) - Max	imum Compression/Maximum
	Tension	
TOP CHORD	1-2=-65/4	5, 2-3=-65/45
	1-316/4	4

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V06	Valley	1	1	Job Reference (optional)	163374239

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:49 ID:c0qiU7fouT1IeHg8qO80xky962q-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale	= 1:38.5	

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

Plate Offsets	(X, Y): [5:Edge,0-2-8]												
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018/	TPI2014	CSI TC BC WB Matrix-S	0.34 0.13 0.09	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 5	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 40 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORE BOT CHORE WEBS OTHERS BRACING TOP CHORE BOT CHORE	 2x4 SP No.2 2x3 SPF No.2 2x3 SPF No.2 Structural wood sheat 6-0-0 oc purlins, exc Rigid ceiling directly bracing. 	cept end verticals. applied or 10-0-0 oc	6) 7) ed or 8)	chord live loa All bearings capacity of 5 Provide mec bearing plate 5, 137 lb upl This truss is International	hanical connection e capable of withsta ift at joint 6 and 109 designed in accord Residential Code s nd referenced stan	vith any SP No. (by oth anding 3 5 Ib uplit lance w sections	other live load 2 crushing ers) of truss to 8 lb uplift at jo t at joint 7. ith the 2018 R502.11.1 a	o pint					
REACTIONS	7=10-10-7 Max Horiz 1=227 (LC Max Uplift 5=-38 (LC 7=-105 (LI Max Grav 1=103 (LC	C 9) S 9), 6=-137 (LC 12), C 12)	0-7,	0//02(0)									
FORCES TOP CHORD BOT CHORD	(lb) - Maximum Com Tension) 1-2=-378/220, 2-3=-2 4-5=-108/123) 1-7=-103/113, 6-7=-	pression/Maximum 294/185, 3-4=-139/1 103/113, 5-6=-103/1											
 Vasd=91 Ke=1.00; exterior z Interior (' exposed members Lumber I 2) Truss de only. Foi see Stan or consul 3) Gable ree 	3-6=-315/298, 2-7=-2 SCE 7-16; Vult=115mph mph; TCDL=6.0psf; BCI ; Cat. II; Exp C; Enclose cone and C-C Exterior(2 1) 5-7-9 to 10-9-11 zone ; end vertical left and rig s and forces & MWFRS ⁻ DOL=1.60 plate grip DO esigned for wind loads in r studs exposed to wind dard Industry Gable Enc it qualified building desig quires continuous bottor uds spaced at 4-0-0 oc.	(3-second gust) DL=6.0psf; h=35ft; d; MWFRS (envelop E) 0-7-9 to 5-7-9, s; cantilever left and r pht exposed;C-C for for reactions shown; L=1.60 the plane of the tru: (normal to the face) d Details as applicab gner as per ANSI/TP	right ss ,									STATE OF D SCOT SEV PE-2001 PE-2001	1 M. HER 1 M. 1

February 2,2024



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 touls be 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.sbcscomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V07	Valley	1	1	Job Reference (optional)	163374240

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8-2-7 1.5x4 🛚 3 7 1.5x4 🛚 2 1-1-7 12 6 Г 6 4 5 3x4 🍃 1.5x4 🛚 1.5x4 u

TOP CHORD

Scale = 1:30.4			1									
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.14	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.08	Horiz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P							Weight: 29 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING	2x4 SP No.2 2x4 SP No.2 2x3 SPF No.2 2x3 SPF No.2		bearing plat 4 and 143 lt 8) This truss is Internationa	chanical connect e capable of with o uplift at joint 5 designed in ac I Residential Co and referenced s	hstanding 3 cordance worden sections	81 lb uplift at j ith the 2018 s R502.11.1 a	joint					

8-2-7

Structural wood shoothing directly applied or	LOAD CASE(S)	Standard
Structural wood sheathing directly applied or	LOAD OAOL(O)	otanuaru

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS (size) 1=8-2-7, 4=8-2-7, 5=8-2-7 Max Horiz 1=167 (LC 9) Max Uplift 4=-31 (LC 9), 5=-143 (LC 12) Max Grav 1=126 (LC 20), 4=135 (LC 1), 5=423 (LC 1) FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-296/178, 2-3=-129/99, 3-4=-108/134

6-0-0 oc purlins, except end verticals.

- BOT CHORD 1-5=-77/84. 4-5=-77/84 2-5=-329/335 WFBS NOTES
- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-7-9 to 5-7-9, Interior (1) 5-7-9 to 8-1-11 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=1.60
- Truss designed for wind loads in the plane of the truss 2) only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable requires continuous bottom chord bearing. 3)
- 4) Gable studs spaced at 4-0-0 oc.
- This truss has been designed for a 10.0 psf bottom 5)
- chord live load nonconcurrent with any other live loads. 6) All bearings are assumed to be SP No.2 crushing
- capacity of 565 psi.

 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 beigh valid for use only with with with sets outputs into design is based only door parameters shown, and is for an individual dualing 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.sbcscomponents.com)





Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V08	Valley	1	1	Job Reference (optional)	163374241

2-9-7

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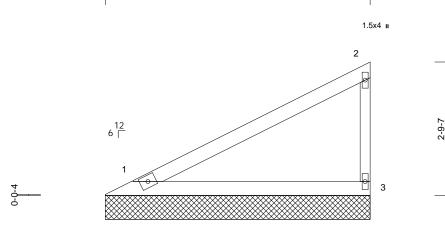
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5-6-7

5-6-7

3x4 🍃

1.5x4 u

Scale = 1:24.1

BCDL 10.0 Code IRC2018/TPI2014 Matrix-P LUMBER 500 CHORD 2x4 SP No.2 8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. WEBS 2x3 SPF No.2 LOAD CASE(S) BRACING TOP CHORD Structural wood sheathing directly applied or 5-6-15 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS (size) 1=5-6-7, 3=5-6-7		Weight: 18 lb FT = 20%
TOP CHORD 2x4 SP No.2 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1. BOT CHORD 2x4 SP No.2 LOAD CASE(S) BRACING Structural wood sheathing directly applied or 5-6-15 oc purlins, except end verticals. Standard BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Standard		
REACTIONS (size) 1=5-6-7 3=5-6-7		
Max Horiz 1=108 (LC 9) Max Uplift 1=-34 (LC 12), 3=-61 (LC 12) Max Grav 1=218 (LC 1), 3=218 (LC 1)		
FORCES (Ib) - Maximum Compression/Maximum Tension		
TOP CHORD 1-2=-151/102, 2-3=-170/215 BOT CHORD 1-3=-50/54		
NOTES		
 Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 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=1.60 		SHIE OF MISSOL
 Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1. Gable requires continuous bottom chord bearing. 		SCOTT M. SEVIER
4) Gable studs spaced at 4-0-0 oc.	X	the Denna
 This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 	A A	NUMBER
6) All bearings are assumed to be SP No.2 crushing	N.	PE-2001018807
capacity of 565 psi.	Ŷ	
 Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 34 lb uplift at joint 1 and 61 lb uplift at joint 3. 		STONAL EN
		February 2,2024

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 oulgase with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/TPI1 Quality Criteria, 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.sbcscomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V09	Valley	1	1	Job Reference (optional)	163374242

2-10-7

Premier Building Supply (Springhill, KS), Spring Hills, KS - 66083,

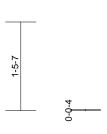
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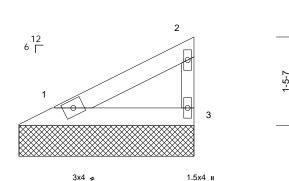
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Page: 1





2-10-7

Scale - 1.18 9

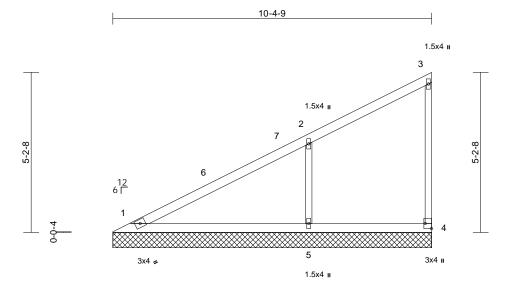
Scale = 1:18.9												
Loading TCLL (roof) TCDL BCLL	(psf) 25.0 10.0 0.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 YES	CSI TC BC WB	0.10 0.05 0.00	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 3	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20	GRIP 244/190
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P	0.00		0.00	Ū	n/a	n/a	Weight: 9 lb	FT = 20%
Vasd=91n Ke=1.00; (exterior ; c and right e exposed;C reactions : DOL=1.60 2) Truss des only. For see Stand or consult 3) Gable req 4) Gable stud 5) This truss chord live 6) All bearing capacity o 7) Provide m bearing pl	2x4 SP No.2 2x3 SPF No.2 Structural wood she 2-10-15 oc purlins, Rigid ceiling directly bracing. (size) 1=2-10-7, Max Horiz 1=49 (LC Max Uplift 1=-15 (LC Max Uplift 1=-15 (LC (b) - Maximum Com Tension 1-2=-69/46, 2-3=-76 1-3=-23/24 CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2 exposed; end vertical C-C for members and f c-C for members and f shown; Lumber DOL=) signed for wind loads in studs exposed to wind lard Industry Gable En qualified building desi uires continuous botto ds spaced at 4-0-0 oc. has been designed fo load nonconcurrent wi gs are assumed to be s	except end verticals applied or 10-0-0 or , 3=2-10-7 9) 2 12), 3=-28 (LC 12) 1), 3=98 (LC 1) hpression/Maximum //99 n (3-second gust) DL=6.0psf; h=35ft; ed; MWFRS (envelop 2E) zone; cantilever I left and right forces & MWFRS for 1.60 plate grip n the plane of the tru I (normal to the face) d Details as applicat gner as per ANSI/TF m chord bearing. r a 10.0 psf bottom ith any other live loar SP No.2 crushing (by others) of truss to	Internationa R802.10.2 LOAD CASE(S ad or c be) left sss), ole, PI 1. ds.	s designed in acco al Residential Code and referenced sta) Standard	e sections	s R502.11.1 a	ind				NUM PE-2001	IT M. VIER IDER 1018807
A												

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 oulgase with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/TPI1 Quality Criteria, 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.sbcscomponents.com)

Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V010	Valley	1	1	Job Reference (optional)	163374243

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10-4-9

Scale = 1:37.5

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

Loading (psf)		2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof) 25.0		1.15	TC	0.50	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL 10.0		1.15	BC	0.27	Vert(TL)	n/a	-	n/a	999		
BCLL 0.0		YES	WB	0.11	Horiz(TL)	0.00	4	n/a	n/a		
BCDL 10.0	Code	IRC2018/TPI2014	Matrix-S							Weight: 38 lb	FT = 20%
BOT CHORD 6-0-0 oc purlins, exc Rigid ceiling directly bracing. REACTIONS (size) 1=10-4-9, Max Horiz 1=216 (LC	applied or 10-0-0 oc 4=10-4-9, 5=10-4-9 \$ 9)	capacity of 5 7) Provide mec bearing plate 4 and 190 lb 8) This truss is International	hanical connection capable of withsta uplift at joint 5. designed in accord Residential Code s nd referenced stand	(by oth nding 3 ance w	ers) of truss t 2 lb uplift at j th the 2018 R502.11.1 a	oint					
Max Uplift		560									
FORCES (Ib) - Maximum Com Tension	pression/Maximum										
TOP CHORD 1-2=-328/209, 2-3=- BOT CHORD 1-5=-99/109, 4-5=-99 WEBS 2-5=-422/374											
NOTES											
 Wind: ASCE 7-16; Vult=115mph Vasd=91mph; TCDL=6.0psf; BCI Ke=1.00; Cat. II; Exp C; Enclose exterior zone and C-C Exterior(2 Interior (1) 5-7-9 to 10-3-13 zone right exposed ; end vertical left a for members and forces & MWFF Lumber DOL=1.60 plate grip DO Truss designed for wind loads ir only. For studs exposed to wind see Standard Industry Gable Enr or consult qualified building desig Gable requires continuous bottor Gable studs spaced at 4-0-0 oc. This truss has been designed for chord live load nonconcurrent with 	DL=6.0psf; h=35ft; d; MWFRS (envelope) E) 0-7-9 to 5-7-9, ; cantilever left and nd right exposed;C-C RS for reactions showr L=1.60 the plane of the truss (normal to the face), d Details as applicable gner as per ANSI/TPI ' n chord bearing.	n; ; ;								STATE OF I SCOT SEVI OF DE-2001 PE-2001 Februa	I ENGINE

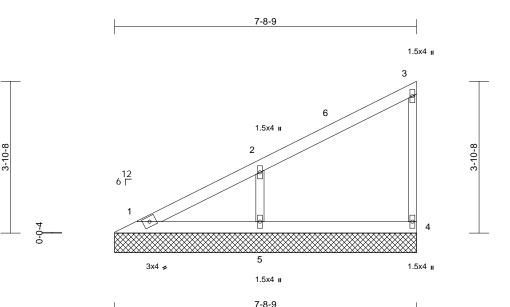


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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V011	Valley	1	1	Job Reference (optional)	163374244

Run: 8.63 S Nov 1 2023 Print: 8.630 S Nov 1 2023 MiTek Industries, Inc. Thu Feb 01 07:58:51 ID:c0qiU7fouT1IeHg8qO80xky962q-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



BRACING

TOP CHORD

BOT CHORD

FORCES

WEBS NOTES 1) Wind: Vasd=

TOP CHORD

BOT CHORD

2)

REACTIONS (size)

bracing.

Tension

Max Horiz 1=157 (LC 9)

1-5=-72/79. 4-5=-72/79 2-5=-310/324

Scale = 1:29.4			1						'			
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.25	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.08	Horiz(TL)	0.00	4	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P							Weight: 27 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.2 2x4 SP No.2 2x3 SPF No.2 2x3 SPF No.2		bearing plat 4 and 135 ll 8) This truss is	chanical connect te capable of wit to uplift at joint 5 designed in ac I Residential Co	thstanding 3 cordance w	0 lb uplift at	joint					

R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S) Standard

Wind: ASCE 7-16; Vult=115mph (3-second gust)
Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft;
Ke=1.00; Cat. II; Exp C; Enclosed; MWFRS (envelope)
exterior zone and C-C Exterior(2E) 0-7-9 to 5-7-9,
Interior (1) 5-7-9 to 7-7-13 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=1.60
Truss designed for wind loads in the plane of the truss
only. For studs exposed to wind (normal to the face),
and Standard Industry Cable End Dataile as applicable

only. see Standard Industry Gable End Details as applicable or consult qualified building designer as per ANSI/TPI 1. Gable requires continuous bottom chord bearing. 3)

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

1=7-8-9, 4=7-8-9, 5=7-8-9

Rigid ceiling directly applied or 10-0-0 oc

Max Uplift 4=-30 (LC 9), 5=-135 (LC 12) Max Grav 1=107 (LC 20), 4=139 (LC 1), 5=398 (LC 1)

(lb) - Maximum Compression/Maximum

1-2=-288/171, 2-3=-128/96, 3-4=-110/138

- 4) Gable studs spaced at 4-0-0 oc.
- This truss has been designed for a 10.0 psf bottom 5)
- chord live load nonconcurrent with any other live loads.
- 6) All bearings are assumed to be SP No.2 crushing
- capacity of 565 psi.



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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201	
P240070-01	V012	Valley	1	1	Job Reference (optional)	163374245

5-0-9

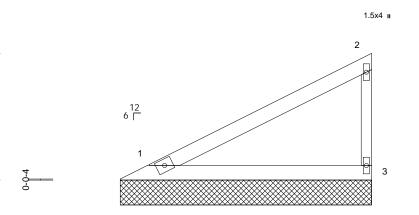
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Premier Building Supply (Springhill, KS), Spring Hills, KS - 66083,

2-6-8

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Page: 1



3x4 ਫ਼

1.5x4 u

2-6-8

Scale = 1:23.1

Scale = 1:23.1												
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 25.0 10.0 0.0 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2018/TPI2014	CSI TC BC WB Matrix-P	0.43 0.23 0.00	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 3	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 16 lb	GRIP 244/190 FT = 20%
 Vasd=91n Ke=1.00; exterior zc and right exposed; reactions DOL=1.6C 2) Truss des only. For see Stand or consult 3) Gable req 4) Gable stud 5) This truss chord live 6) All bearing 7) Provide m bearing pl 	2x4 SP No.2 2x3 SPF No.2 Structural wood she 5-1-1 oc purlins, ex Rigid ceiling directly bracing. (size) 1=5-0-9, 3 Max Horiz 1=97 (LC Max Uplift 1=-31 (LC Max Grav 1=196 (LC (lb) - Maximum Com Tension 1-2=-137/92, 2-3=-1 1-3=-45/49 CE 7-16; Vult=115mph mph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2 exposed ; end vertical I C-C for members and f shown; Lumber DOL='0 signed for wind loads ir studs exposed to wind lard Industry Gable En t qualified building design quires continuous bottoo ds spaced at 4-0-0 oc. a has been designed for load nonconcurrent wi gs are assumed to be S	cept end verticals. applied or 10-0-0 or 3=5-0-9 9) 2 12), 3=-55 (LC 12) C 1), 3=196 (LC 1) apression/Maximum 52/197 (3-second gust) DL=6.0psf; h=35ft; d; MWFRS (envelop E) zone; cantilever le teft and right orces & MWFRS for 1.60 plate grip n the plane of the tru (normal to the face) d Details as applicat gner as per ANSI/TP m chord bearing. r a 10.0 psf bottom th any other live load SP No.2 crushing (by others) of truss to	Internationa R802.10.2 a LOAD CASE(S) ed or c he) eft ss jole, 1 1. ds.	designed in accord: Residential Code s nd referenced stand Standard	ections	s R502.11.1 a	Ind				STATE OF J STATE OF J SCOT SEV PE-2001	I M. IER

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Job	Truss	Truss Type	Qty	Ply	Roof - HR Lot 201		
P240070-01	V013	Valley	1	1	Job Reference (optional)	163374246	

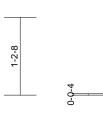
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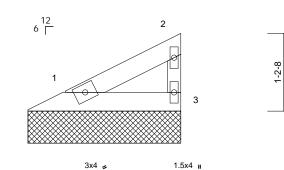
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Page: 1

UCTION VIEW

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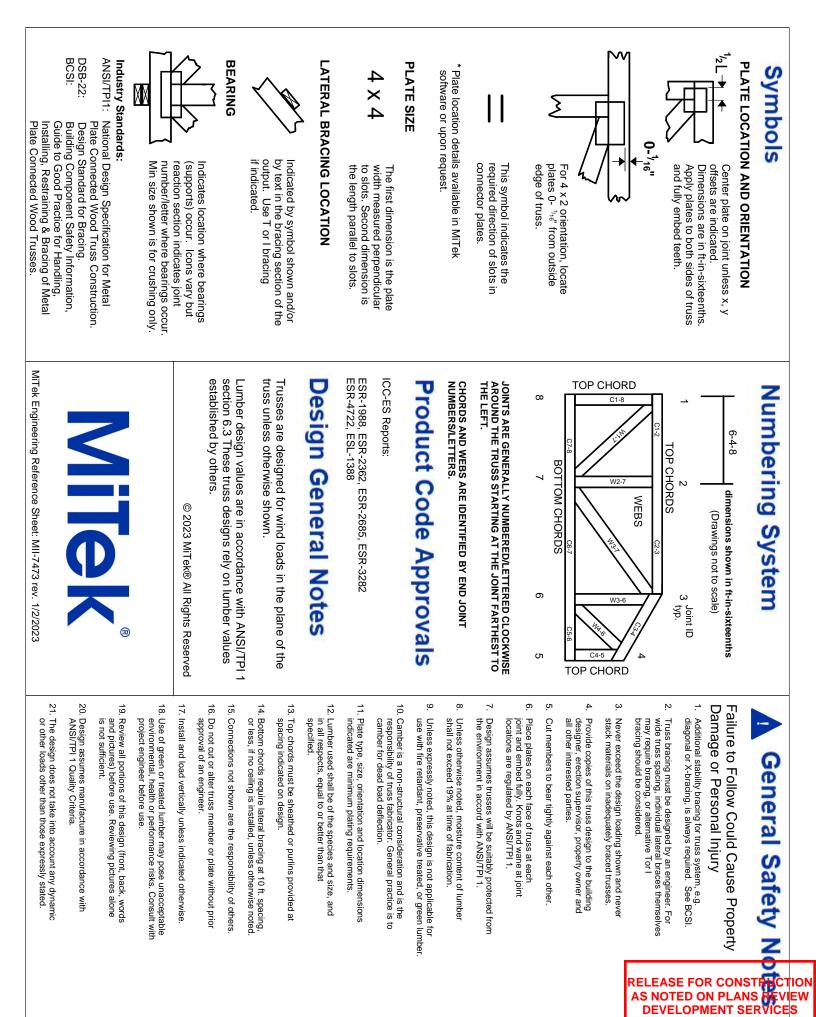


2-4-9

Scale =	1:17.9
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Scale = 1:17.9												
Loading TCLL (roof) TCDL BCLL	(psf) 25.0 10.0 0.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 YES	CSI TC BC WB	0.05 0.03 0.00	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 3	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20	GRIP 244/190
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-P	0.00		0.00	Ũ			Weight: 7 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD BOT CHORD REACTIONS FORCES TOP CHORD BOT CHORD BOT CHORD NOTES 1) Wind: ASG Vasd=91n Ke=1.00; 0 exterior zc and right cess DOL=1.60 2) Truss des only. For see Stand or consult 3) Gable req 4) Gable stud 5) This truss chord live 6) All bearing capacity 0 7) Provide m bearing pl	2x4 SP No.2 2x4 SP No.2 2x3 SPF No.2 Structural wood she 2-5-1 oc purlins, ex Rigid ceiling directly bracing. (size) 1=2-4-9, 5 Max Horiz 1=38 (LC Max Uplift 1=-12 (LC Max Uplift 1=-12 (LC Max Grav 1=76 (LC (lb) - Maximum Com Tension 1-2=-53/36, 2-3=-59 1-3=-18/19 CE 7-16; Vult=115mph mph; TCDL=6.0psf; BC Cat. II; Exp C; Enclose one and C-C Exterior(2 exposed ; end vertical I C-C for members and f Shown; Lumber DOL=') signed for wind loads ir studs exposed to wind lard Industry Gable En qualified building desi uires continuous botto ds spaced at 4-0-0 oc. has been designed for load nonconcurrent wi gs are assumed to be S	athing directly applie cept end verticals. applied or 10-0-0 or 3=2-4-9 9) (12), 3=-21 (LC 12) 1), 3=76 (LC 1) pression/Maximum /76 (3-second gust) DL=6.0psf; h=35ft; d; MWFRS (envelop E) zone; cantilever I left and right orces & MWFRS for 1.60 plate grip n the plane of the tru (normal to the face) d Details as applicat gner as per ANSI/TF m chord bearing. r a 10.0 psf bottom th any other live loar SP No.2 crushing (by others) of truss to	8) This truss is Internationa R802.10.2 a LOAD CASE(S) ed or c be) left sss), ole, PI 1. ds.	designed in accord Residential Code s nd referenced stan	sections	s R502.11.1 a	Ind				STATE OF STATE OF SEV PE-2001	MISSOLDE TT M. TIER IDER I018807
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02/26/2024