

MiTek, Inc. 16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200

Re: Harmony - Craftsman FH 3-Car Harmony - Craftsman FH 3-Car

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

Pages or sheets covered by this seal: I65649842 thru I65649876

My license renewal date for the state of Kansas is April 30, 2024.

Kansas COA: E-943



May 20,2024

Garcia, Juan

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

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 11/05/2024 5:06:26



MiTek, Inc. 16023 Swingley Ridge Rd. Chesterfield, MO 63017 314.434.1200

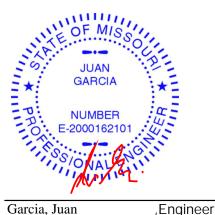
Re: Harmony - Craftsman FH 3-Car Harmony - Craftsman FH 3-Car

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

Pages or sheets covered by this seal: I65649842 thru I65649876

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

Missouri COA: Engineering 001193



May 20,2024

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

RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELOPMENT SERVICES LEE'S SUMMIT, MISSOURI 11/05/2024 5:06:246

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	A1	Hip Girder	1	3	Job Reference (optional)	165649842

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:02 ID:HCvoJVRKTr73Nvqou0I55WyKuYb-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

2-0-12 -0-10-8 0-10-8 <u>38-0-0</u> 38-10-8 3-5-4 0-10-8 7-0-0 13-1-12 19-1-12 25-1-12 31-0-0 34-6-12 4-11-4 6-1-12 6-0-0 6-0-0 5-10-4 3-6-12 2-0-12 8x12= 4x8= 4x8= 6x6= 3-9-0 0-1-0 φ 4 6 🕞 7 9 5 8 5¹² T 3-7-10 10 3-11-4 3 Þ ┱╋ ΠП ЧĦ Ш - **I**II ПП μt ΠΠ ΠΨT ΠΠ ΠË ПП ПП 0-10-0 9 25 26 127 28 15 30 31 13 19 24 18 16 29 14 X M18AHS 9x12 = M18AHS 4x14 =5x12= 4x5 =20 HUS26 HUS26 HUS26 HUS26 HUS26 THJA26 HUS26 HUS26 HUS26 HUS26 THJA26 4∟ 5x12_≥ 12 3x6 II 4x8= HUS26 5x12= 8x8= 13-1-12²⁶ 11-6-4 13-6-8 16-8-8 11-6-4 13-6-8 16-8-8 16 37-8-8³⁸⁻⁰⁻⁰ 3-0-0 0-3-8 2-3-8 7-1-12 11-4-8 19-1-12 25-1-12 31-1-12 34-8-8 2-3-8 4-10-4 6-0-0 4-2-12 2-5-4 6-0-0 3-6-12

Scale = 1:68.9

Plate Offsets (X, Y): [3:0-0-11,Edge], [11:0-4-0,0-1-0], [13:0-5-8,0-3-12]

	X, 1). [0.0 0 11,Euge	j, [11.0 + 0,0 1 0], [1 •	0.0 0 0,0	5 12]									
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	0.64	Vert(LL)		16-18	>855	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15		BC	0.50	Vert(CT)	-0.92	16-18	>493	240	M18AHS	186/179
BCLL	0.0*	Rep Stress Incr	NO		WB	0.48	Horz(CT)	0.39	11	n/a	n/a		
BCDL	10.0	Code	IRC201	8/TPI2014	Matrix-S		Wind(LL)	0.46	16-18	>979	240	Weight: 715 lb	FT = 10%
BCDL LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS	10.0 2x6 SP 2400F 2.0E 2400F 2.0E 2x6 SP 2400F 2.0E No.2, 13-11:2x8 SP SPF No.2 2x4 SPF No.2 *Exce Structural wood she 6-0-0 oc purlins, exc 2-0-0 oc purlins, exc 2-0-0 oc purlins (6-0 Rigid ceiling directly bracing. (size) 2=0-3-8, ' Max Horiz 2=59 (LC Max Uplift 2=-963 (L Max Grav 2=4098 (L (lb) - Maximum Com Tension 1-2=0/6, 2-3=-2208/ 4-5=-17358/4402, 5- 6-8=-17151/4391, 8- 9-10=-12688/3210, ' 11-12=0/3 2-20=0/0, 3-19=-291 18-19=-2933/12221, 15-16=-4836/19272,	Code *Except* 1-4:2x8 SP *Except* 2-20:2x6 SI 2400F 2.0E, 21-22:2 ept* 20-3:2x6 SPF Not athing directly applie ept -0 max.): 4-9. applied or 10-0-0 oc 11=0-3-8 8) C 4), 11=-995 (LC 5) C 1), 11=4099 (LC 1 ipression/Maximum 532, 3-4=-12697/311 -6=-17358/4402, -9=-17152/4392, 10-11=-15824/3848, 14/12122, 16-18=-4836/19272 ; 14-15=-2912/11787 ; 11-13=-3444/14262 =-282/1404, -14=-1117/275, -18=-1479/5580, ==-198/993, 15=-436/186,	IRC201 1) PF x4 0.2 d or 2) 3) 1) 4) 0, 5) 6) 7) 8) 9) 10	3-ply truss to (0.131"x3") r Top chords of staggered at oc. Bottom chord staggered at oc. Web connec 0-9-0 oc, 2x4 All loads are except if note CASE(S) see provided to c unless other Unbalanced this design. Wind: ASCE Vasd=91mpH II; Exp C; En cantilever lef right expose Provide adec All plates are All plates are This truss ha chord live loa * This truss ha chord live loa * This truss ha chord and ar 0 All bearings i) Bearing at jo using ANSI/T	Matrix-S b be connected to ails as follows: connected as follows: connected as follows: connected as follows: 0-9-0 oc, 2x6 - 2 ds connected as 0-9-0 oc, 2x8 - 2 ted as follows: 22 4 - 1 row at 0-9-0 considered equa ed as front (F) or ction. Ply to ply co distribute only load wise indicated. roof live loads ha 7-16; Vult=115m n; TCDL=6.0psf; closed; MWFRS t and right expos d; Lumber DOL= quate drainage to 9 MT20 plates un as been designed an chord in all are by 2-00-00 wide v y other members are assumed to int(s) 11 conside (FI) 1 angle to gra	ogether wi pows: 2x8 - 2 rows sta follows: 2 rows sta (6 - 2 row oc. ally applie back (B) onnection ds noted ave been abs chter BCDL=6. (envelope ed; end \ 1.60 plate p prevent less other is so therwi for a 10.4 with any ed for a liv as where will fit betw s. pe SPF Ne rs parallel	Wind(LL) th 10d 2 rows ggered at 0-9 x6 - 2 rows ggered at 0-9 s staggered at 0-	0.46 0 0 at DAD or Cat. ne; nd 60 g. ed. uds. Opsf om	16-18 13) Thi R88 14) Gra or t bot 15) Uss Rig to c 16) Uss Tru 9-0 to b 17) Uss Hai cor 18) Fill 19) Fille LOAD (1) Do Pl Ub	>979 s truss is rnationa 22.10.2 a phical p he orien tom choic a Simpso ht Hand connect to a Simpso ss) or ec- 12 from back face a Simpso d Hip) o nact trus all nail h er applie CASE(S ead + Ro ate Incre- iform L	240 s design all Resi all Resi and rei urlin re tation rd. m Strc duivale e or boo on Strc quivale e or boo on Strc quivale (e) or boo on Strc quivale (e) or boo on Strc quivale (e) or boo on Strc duivale (e) on Strc duivale (e	ined in accordance dential Code sect ferenced standard appresentiation doe on the purtin atom ing Tie THJA26 (in equivalent at 7- is) to back face of ing Tie HUS26 (1 mit spaced at 2-0- it end to 28141M4 from chered:0001 ing Tie THJA26 (valent at 30-17-11 to back face of pur- here hanger is in y: 1(Front) indard e (balanced): Lum .15 b/ft)	e with the 2018 ions R502.11.1 and JANSI/TPI 1. shot depict the size the top and/or THJA26 on 2 bly 0 from the left end bottom chord. 4-10d Girder, 4-10d 0 oc max. starting at do donnect truss(res) 62101 THJA26 on 2 bly. Left 0 from the left end to to donnect truss(res) 62101 THJA26 on 2 bly. Left 0 from the left end to toron chord. contact with lumber.
NOTES	5-13=-1491/3043, 0	-13=-2337/309	12	 Provide mec bearing plate 	buld verify capacit hanical connections capable of withe uplift at joint 11.	on (by oth standing 9	ers) of truss t				5	SSION	ALENGILL
													20 2024

Continued on page 2 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcscomponents.com)

TION **IEW** DEVELOPMENT SERVICES LEE'S'SUMMIT'SMISSOURI 11/05/2024 5:06:26

May 20,2024

Page: 1

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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	A1	Hip Girder	1	3	Job Reference (optional)	165649842
Wheeler Lumber, Waverly, KS - 6	66871,	Run: 8.73 S Apr 25 2	2024 Print: 8.	730 S Apr 25	5 2024 MiTek Industries, Inc. Thu May 16 16:22:02	Page: 2

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:02 ID:HCvoJVRKTr73Nvqou0I55WyKuYb-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Vert: 1-4=-70, 4-9=-70, 9-12=-70, 2-20=-20, 3-13=-20, 11-13=-20

Concentrated Loads (lb)

Vert: 19=-814 (B), 14=-785 (B), 18=-278 (B), 16=-278 (B), 15=-278 (B), 24=-278 (B), 25=-278 (B), 26=-278 (B), 27=-278 (B), 28=-278 (B), 29=-278 (B),

30=-278 (B), 31=-278 (B)

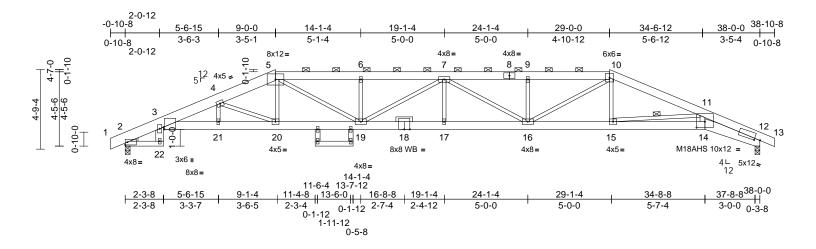
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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 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	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	A2	Нір	1	1	Job Reference (optional)	43

Run: 9.05 E 8.73 Jan 4 2024 Print: 8.730 E Jan 4 2024 MiTek Industries, Inc. Mon May 20 07:00:06 ID:i9IUSoeYd2fpr22aanP04ayKuK8-10I3NgL0?8pN3jInvpPnOdg9mg5TqxCBK3C4y8zEh0v

Page: 1



Scale = 1:69

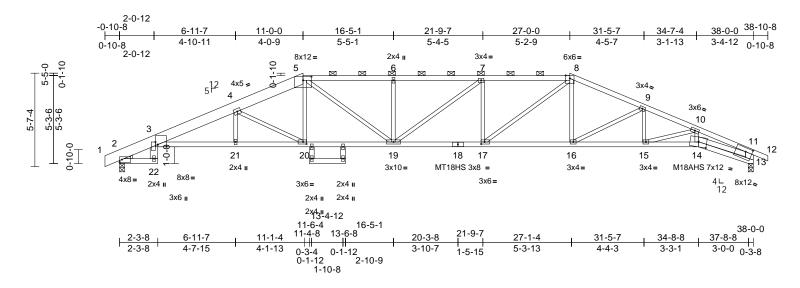
Plate Offsets (X, Y): [3:0-0-11,Edge], [12:0-4-0,0-1-0], [14:0-6-0,0-4-4]

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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	0.80	Vert(LL)	-0.41	16-17	>999	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15		BC	0.59	Vert(CT)	-0.75	16-17	>606	240	M18AHS	142/136
BCLL	0.0*	Rep Stress Incr	YES		WB	0.48	Horz(CT)	0.44	12	n/a	n/a		
BCDL	10.0	Code	IRC201	8/TPI2014	Matrix-S		Wind(LL)	0.30	17	>999	240	Weight: 233 lb	FT = 10%
LUMBER			N	OTES									
TOP CHORD	2x6 SP 2400F 2.0E 2400F 2.0E, 10-13:2				roof live loads ha	ave been	considered fo	or					
BOT CHORD	,	ept* 14-12:2x8 SP 24	00F 2		7-16; Vult=115m h; TCDL=6.0psf;			Cat.					
WEBS	2x3 SPF No.2 *Exce 14-11,23-25,24-26:2	ept* 22-3:2x6 SPF No	o.2,	II; Exp C; Er	closed; MWFRS t and right expos	(envelop	e) exterior zo	one;					
OTHERS	2x4 SPF No.2				d; Lumber DOL=								
WEDGE	Left: 2x3 SPF No.2		3		quate drainage to								1111
BRACING			4		MT20 plates un							Nº OF	MISSI
TOP CHORD	Structural wood she	athing directly applie	d or 5		e 2x4 MT20 unles							NXE	
	2-2-0 oc purlins, exc	cept	6		as been designed						~	×	
	2-0-0 oc purlins (4-6		_		ad nonconcurren							S: JU/	AN SPE
BOT CHORD	Rigid ceiling directly bracing.	applied or 10-0-0 oc	7	on the botto	nas been designe n chord in all are	eas where	a rectangle	•			E*	GAR	CIA 🛧
WEBS	1 Row at midpt	11-15			by 2-00-00 wide v		veen the bott	tom				1	
REACTIONS	(lb/size) 2=1768/0	-3-8, 12=1768/0-3-8	0		ny other member						-7	NUM	BEB : C-
	Max Horiz 2=74 (LC	8)	8	capacity of 4	are assumed to b	DE SPE N	0.2 crushing				- 7	E-2000	• 41.
	Max Uplift 2=-245 (L	C 4), 12=-245 (LC 5	9		int(s) 12 conside	ars naralle	l to grain valu				-1	C. E-2000	102101
FORCES	(lb) - Maximum Corr	pression/Maximum	5		TPI 1 angle to gra			ue			1	A	- day
	Tension				ould verify capaci							1.5/01	ENIN
TOP CHORD	1-2=0/0, 2-3=-913/1	, ,	1		hanical connection			to				I ON	
	4-5=-4217/637, 5-6=	,			e capable of with								10.
	6-7=-4971/806, 7-8=				uplift at joint 12.								ш.
	8-9=-4921/794, 9-10	,	1		designed in acco								SAD
	10-11=-4251/619, 1 12-13=0/3	1-12=-0401/013,			Residential Cod			and				NAUAN	AACI
BOT CHORD		17/5837 3-21600//	840 .		nd referenced sta							N CE	NSA
BOT ONORD	20-21=-608/4840, 1		1.		Irlin representatio			size				JCE THE	- O ·
	18-19=-768/5355, 1			bottom chore	ation of the purlin	along the	e top and/or				-	1 / L	- A - E
	16-17=-768/5355, 1	,										1 10	
	14-15=-655/5303		L	OAD CASE(S)	Standard						-	10	952
WEBS	3-22=0/60, 5-20=-31	1/628, 10-15=0/496,									-	P	
	11-15=-1392/246, 1	,										2	1 14:
	4-20=-1066/189, 4-2	,										- A AA	ISA5 R
	10-16=-244/1339, 6											1.500	NG'IN
	,	19=-546/92, 7-17=0/2	.11,									ON	ALE
	7-16=-593/100, 9-16	5=-372/149										100	mm
												May	/ 20,2024
													,

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 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) RELEASE FOR CONSTRUCTION AS NOTED ON PLANS REVIEW DEVELORMENT SERVICES LEE'S'SUMWIT, MISSOURI 11/05/2024 5:06:26

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	A3	Нір	1	1	I65649844 Job Reference (optional)	

Run: 9.05 E 8.73 Jan 4 2024 Print: 8.730 E Jan 4 2024 MiTek Industries, Inc. Mon May 20 07:00:21 ID:SDwNLfgQCMcZID?aaDt64oyKuEx-Z5G6j9X2E3q6_BzsrAhX2?LuG7ZPa8uY?Z4xWCzEh0f



Scale = 1:69.1

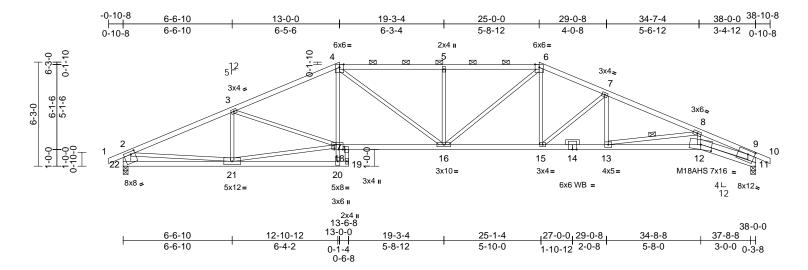
late Offsets (2	X, Y): [3:0-6-4,Edge],	[3:0-1-14,0-1-11], [5:0-6-0,0-	2-10], [13:0-4-1	2,0-2-12], [14:0-	6-0,0-3-7],	[17:0-2-8,0-7	I-8], [20:	0-2-8,0-	1-8]		_	
oading	(psf)	Spacing	2-0-0		CSI	-	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
CLL (roof)	25.0	Plate Grip DOL	1.15		тс	0.83	Vert(LL)	-0.46	17-19	>978	360	MT20	197/144
CDL	10.0	Lumber DOL	1.15		BC	0.64	Vert(CT)	-0.84	17-19	>539	240	MT18HS	197/144
CLL	0.0*	Rep Stress Incr	YES		WB	0.62	Horz(CT)	0.52	13	n/a	n/a	M18AHS	142/136
CDL	10.0	Code	IRC20	18/TPI2014	Matrix-S	-	Wind(LL)	0.33	17-19	>999	240	Weight: 168 lb	FT = 10%
JMBER			r	OTES									
OP CHORD	2x4 SPF No.2 *Exce 2.0E	ept* 1-5:2x8 SP 240	0F 1) Unbalanced this design.	roof live loads h	ave been	considered fo	or					
OT CHORD	2x4 SPF No.2 *Exce 2100F 1.8E	ept* 18-14,18-3:2x4	SPF 2	?) Wind: ASCE	7-16; Vult=115 n; TCDL=6.0psf			Cat					
/EBS	2x3 SPF No.2 *Exce	ept* 22-3.13-11:2x6	SPF		closed; MWFRS								
200	No.2, 14-11:2x4 SPF		0		t and right expo								
	23-25,24-26:2x4 SP			right expose	d; Lumber DOL	=1.60 plate	grip DOL=1.	60					
/EDGE	Left: 2x3 SPF No.2		3		quate drainage t							, unit	1111
RACING			4		MT20 plates u			ed.				Nº OF	MISSI
OP CHORD	Structural wood she	athing directly appli	ed or 5		is been designe							NYE.	0,1
	1-11-9 oc purlins, e				ad nonconcurrer						-	X	
	2-0-0 oc purlins (2-3				nas been design			Opsf			20	S: JUA	N .
OT CHORD	Rigid ceiling directly	applied or 10-0-0 o	С		n chord in all ar						= .	GAR	
	bracing.				by 2-00-00 wide by other membe		veen the boll	om			- *	:	:*
EACTIONS		-3-8, 13=1771/0-3-8	; -		are assumed to		2 cruching				Ξ.	1	
	Max Horiz 2=82 (LC			capacity of 4		DESFEN	J.Z Crushing				=7		BER C
	Max Uplift 2=-220 (L	, · · · · · · · · · · · · · · · · · · ·	· >		int(s) 13 conside	ers paralle	l to grain valu	e			- 7	E-20001	• 111
DRCES	(lb) - Maximum Com	pression/Maximum			[PI 1 angle to g						1	L-20001	
	Tension				uld verify capac								GAN
OP CHORD	1-2=0/0, 2-3=-911/1	, ,	g		hanical connect			to				1,SIONI	ENI
	4-5=-3667/517, 5-6=				e capable of with		20 lb uplift at	t joint					L.I.V.
	6-7=-3956/609, 7-8=	,			uplift at joint 13								11.1.2
	8-9=-3557/499, 9-10 10-11=-5444/607, 1		1		designed in acc								
	11-13=-1814/245	1-12=0/30,			Residential Co			and				ALL NO	AD
OT CHORD	2-22=0/0, 3-21=-464	1/4330 20-21=-462/	4325		nd referenced st							NUAN	CIA
	19-20=-352/3324, 18		1020, 1		rlin representati ation of the purli			size				S CE	NSA
	17-18=-470/3939, 10			bottom chore		n along the	top anu/or					in the	50 ·
	15-16=-423/3972, 14	,		OAD CASE(S)							-		- A - 3
	13-14=-48/444		L	UAD CASE(S)	Standard						-	1.00	150
EBS	3-22=0/60, 4-20=-11	159/228, 5-20=-54/6	56,									10	152
	8-16=-25/488, 10-14	,									-	UAN LICE	Γ . <u>σ</u> :
	11-14=-491/4544, 4										-	201	M 14:
	9-16=-822/182, 9-15		9/135,									- A KAN	SAS
	8-17=-177/1023, 6-1	,										1500	NGIN
	5-19=-159/919, 7-19	9=-109/146,										I, ON	ALE
	7-17=-522/174											1111	IIIII.
													20,2024

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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	A4	Нір	1	1	l65649845 Job Reference (optional)	

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:03 ID:NAIIf1rimzb_h0yYE0giSyyKuHI-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:69.2

late Offsets ((X, Y): [11:0-4-12,0-2-	-12], [12:0-8-0,0-3-7]	l, [17:0-2-0),0-0-8], [18:0-5	-0,Edge], [22:0	0-3-0,0-2-0]							
oading CLL (roof) CDL SCLL SCDL	(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	0.94 0.84 0.90	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	-0.61 0.32	(loc) 16-17 16-17 11 16-17	l/defl >999 >734 n/a >999	L/d 360 240 n/a 240	PLATES MT20 M18AHS Weight: 153 lb	GRIP 197/144 142/136 FT = 10%
-		1				-						····	
UMBER OP CHORD	2x4 SPF 2100F 1.8E No.2	E *Except* 4-6:2x4 S		OTES) Unbalanced this design.	roof live loads	have been o	considered fo	or					
OT CHORD	2x4 SPF No.2 *Exce		No.2, 2)) Wind: ASCE	7-16; Vult=115								
/EBS	14-12:2x4 SPF 2100 2x3 SPF No.2 *Exce No.2, 12-9:2x4 SPF	ept* 22-2,11-9:2x6 S	PF	II; Exp C; En	h; TCDL=6.0ps closed; MWFR t and right exp	S (envelope	e) exterior zo	one;					
THERS	2x4 SP No.3	2100F 1.8E		right expose	d; Lumber DOL	_=1.60 plate	grip DOL=1	.60					
RACING			3)		quate drainage								1111
OP CHORD	Structural wood she 2-11-15 oc purlins, 2-0-0 oc purlins (2-2	except end verticals) This truss ha	e MT20 plates u as been designe ad nonconcurre	ed for a 10.0) psf bottom					ATE OF	NISSOL
OT CHORD	Rigid ceiling directly bracing.		c 6)) * This truss I on the bottor	nas been desig m chord in all a	ned for a liv reas where	e load of 20. a rectangle	0psf			E	JUA GAR	
EBS	1 Row at midpt	8-13			oy 2-00-00 wide		een the bot	tom			= *	GAR	
EACTIONS	(size) 11=0-3-8, Max Horiz 22=79 (LC Max Uplift 11=-198 (Max Grav 11=1767	(LC 5), 22=-198 (LC		 All bearings Bearing at journal structure using ANSI/ 	ny other member are assumed to int(s) 11 consid IPI 1 angle to g build verify capa	o be SPF No ders parallel grain formula	to grain vali a. Building	ue			Phi	NUME E-20001	• [] []
ORCES	(lb) - Maximum Com	npression/Maximum	9)) Provide med	hanical connec	ction (by oth	ers) of truss					1. S.	Glin
OP CHORD	Tension 1-2=0/30, 2-3=-3103 4-5=-3345/479, 5-6= 6-7=-3229/424, 7-8= 8-9=-5525/540, 9-10 9-11=-1811/212	=-3346/479, =-3871/433,	1(230,	22 and 198 I 0) This truss is International	Residential Conductor	11. cordance w ode sections standard AN	ith the 2018 R502.11.1 ISI/TPI 1.	and				NN C	ARO
OT CHORD	21-22=-184/621, 20 19-20=-26/119, 17-1 17-18=-215/2812, 11 15-16=-243/2924, 11 12-13=-464/4950, 1	19=-248/0, 6-17=-239/2931, 3-15=-308/3537,			ation of the pur d.			3120			WILL.	IT JUN	NSED
VEBS	3-21=-521/139, 3-18 4-18=-18/490, 4-16= 5-16=-541/207, 6-16 7-15=-779/188, 8-12 9-12=-450/4649, 18 7-13=0/380, 8-13=-1	3=-8/384, 18-20=0/4 =-113/699, 5=-114/711, 6-15=-6 2=0/705, 2-21=-182/2 -21=-254/2631,	5/580,								III.	PROX KS BION	SAS CHU

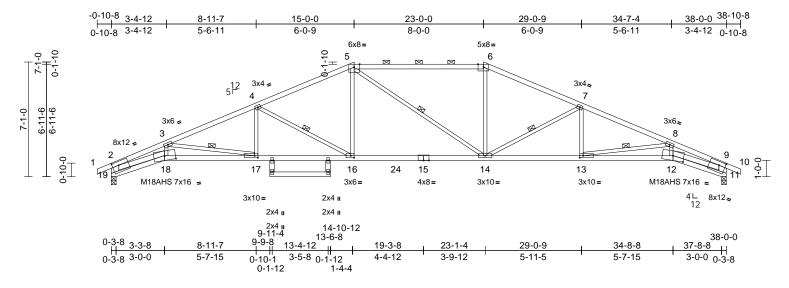
May 20,2024

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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	A5	Hip	1	1	Job Reference (optional)	165649846

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:03 ID:Z52kgDbbA0PB7YiTs1nEz1yKuGK-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:71.2

Plate Offsets (X, Y): [2	2:0-4-12,0-2-1	2], [5:0-4-2,Edge], [6:	0-4-2,Ed	ge], [11:0-4-12,	0-2-12], [12:0-8-	0,0-3-7], [13:0-2-8,0-1-	8], [16:0	-2-8,0-1	-8], [17:0)-2-8,0	-1-8], [18:0-8-0,0-	-3-7]
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	0.94 0.72 0.51	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	-0.83 0.47	(loc) 14-16 14-16 11 14-16	l/defl >967 >542 n/a >999	L/d 360 240 n/a 240	PLATES MT20 M18AHS Weight: 149 lb	GRIP 197/144 142/136 FT = 10%
2.0E 2x4 SF 2100F WEBS 2x3 SF No.2, 7 20-22, BRACING TOP CHORD Structu 1-11-1 2-0-0 (BOT CHORD Rigid (bracin, WEBS 1 Row REACTIONS (size) Max Ho Max Up Max Gra FORCES (lb) - N Tensic TOP CHORD 1-2=0/ 4-5=-3 8-9=-5 BOT CHORD 18-19= 6-7=-3 8-9=-5 BOT CHORD 18-19= 16-17= 13-14= 11-12= WEBS 3-18=- 5-14=- 5-14=- 7-13=(PF No.2 *Exce 1.8E PF No.2 *Exce 18-2,12-9:2x4 21-23:2x4 SP ural wood she 15 oc purlins, oc purlins (2-2 ceiling directly g, i at midpt 11=0-3-8, riz 19=94 (LC av 11=1817 Aaximum Corr i and i and i and i and i and i ax 11=0-3764 1120/340, 7-8- i 120/340, 7-8- i 743/565, 9-10 =-137/458, 17: =-36/418 -254/3693, 1: =-36/418 -259/261, 6-14 0/470, 8-13=-1	eathing directly applied except end verticals, 2-0 max.): 5-6. 7 applied or 9-8-1 oc 3-17, 4-16, 5-14, 7-1: 8-13 , 19=0-3-8 C 8) (LC 9), 19=-209 (LC 8 (LC 2), 19=1823 (LC npression/Maximum 4/670, 3-4=-4047/404, =-2812/339, 11=-1832/227, =-4030/372, 0=0/30 -18=-667/5171, 4-16=-151/2828, 2-13=-482/5152, =-1483/319, 4-17=0/4	2) SPF F 3) 4) 1 or 5) and 6) 4, 7) 8) 10 4, 7) 8) 11 11 10 59, 49, 49,	this design. Wind: ASCE Vasd=91mph II; Exp C; En cantilever lef right exposed Provide adec All plates are This truss ha chord live loa * This truss fa on the bottor 3-06-00 tall b chord and ar All bearings a Bearing at jo value using A designer sho Provide mec bearing plate 11 and 209 II 0) This truss is International R802.10.2 au		nph (3-sec BCDL=6. (envelope ed; end v 1.60 plate prevent v less other t for a 10.0 t with any ed for a liv as where will fit betw s, with BC be SPF No. siders par t to grain f ty of bearion (by oth standing 2). ordance w e sections andard AN on does no	cond gust) Dpsf; h=25ft; e) exterior zoivertical left ar grip DOL=1. water ponding wise indicate e load of 20.1 a rectangle ween the botto DL = 10.0psi 0.2. allel to grain ormula. Buill ng surface. ers) of truss t 09 lb uplift al ith the 2018 i R502.11.1 a SI/TP1 1. bt depict the s	Cat. ne; id 60 g. dd. dos. 0psf om f. ding to t joint				DONE-20001	CIA BER 62101 LENG ALENG

May 20,2024

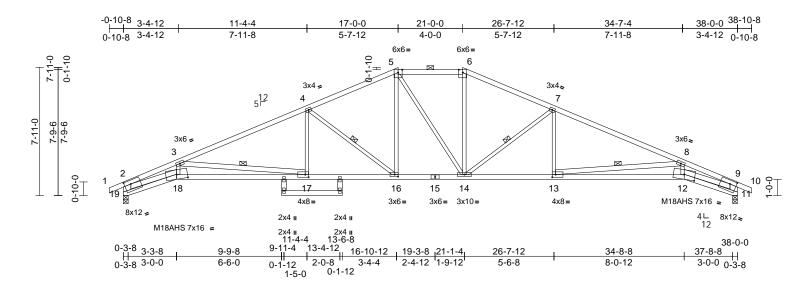
Page: 1

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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	A6	Нір	1	1	Job Reference (optional)	165649847

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:04 ID:O56aJGVWJgMw6r0Zi6jWPFyKuMv-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale =	1:71.3
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Loading TCLL (roof) (ps) 2.6.0 Spacing Plate Grp DOL 2-0-0 CSI DEFL in (loc) Videl U/d PLATES GR/P 10:0 10:0 Plate Grp DOL 1.15 TC 0.74 Ver(TL) -0.35 14.16 >999 360 MT20 MT20 MT20 MT20 Well 197/144 BCLL 0.00 Rep Stress Incr YES WES 0.62 17.16 9.899 360 Well 1.00 Well 197/144 BCLL 0.00 Rep Stress Incr YES WES 3.16=-007411, 3.17-1033/500, 41-70.478, 41-	Plate Offsets (2	X, Y): [11:0-4-12,0-2	-12], [12:0-8-0,0-3-7],	[13:0-2-8	8,0-2-0], [16:0-2	2-8,0-1-8], [17:0-;	2-8,0-2-0],	[18:0-8-0,0-3	3-7], [19:	0-4-12,0)-2-12]			
LUMBER TOP CHORD2x4 SPF 2100F 1.8E 'Except' 5-6:2x4 SPF No.2WEBS3-18=-407/41, 3-17=-193/9500, 4-17=0/478, 4-16=-108/950, 5-14=-22228, 6-14=-52/9597, 7-14=-1016/250, 7-13=0/476, 8-13=-1941/420, 8-12=0/742, 2:18=-7228/4945, 9-12=-619/4946WEBS2x3 SPF No.2 'Except' 17-3:13-8,20-22:21-32:x4 SPF No.2, 19-2,11-9:2x6 SPF No.2, 18-2,12-9:2x4 SPF 	TCLL (roof) TCDL BCLL	25.0 10.0 0.0*	Plate Grip DOL Lumber DOL Rep Stress Incr	1.15 1.15 YES	19/TDI2014	TC BC WB	0.72	Vert(LL) Vert(CT) Horz(CT)	-0.35 -0.70 0.48	14-16 17-18 11	>999 >643 n/a	360 240 n/a	MT20 M18AHS	197/144 142/136
COP CHORD 2x4 SPF 2100F 1.8E *Except* 5-6:2x4 SPF NO.2 2x4 SPF No.2 *Except* 18-15,15-12:2x4 SPF SOT CHORD 2x4 SPF No.2 *Except* 18-15,15-12:2x4 SPF 17-3,13-8,20-22,21-23:2x4 SPF No.2, 19-2;11-9:2x4 SPF 2:18-722/4345, 9:12619/4346 YEBS X3 SPF No.2 *Except* 18-15,15-12:2x4 SPF 17-3,13-8,20-22,21-23:2x4 SPF No.2, 19-2;11-2:2x5 SPF No.2, 19-2;11-2:2x5 SPF No.2, 19-2;12-9:2x4 SPF 2:18-722/4345, 9:12619/4346 YOP CHORD Structural wood sheathing directly applied or 2-0-0 oc putins (3-6-4 max); 5-6. 1) Unbalanced roof live loads have been considered for this design. YEBS Structural wood sheathing directly applied or 10-0-0 oc paraing; 17-18 9:11-12 oc bracing; 12-13. SOT CHORD Rigid ceiling directly applied or 10-0-0 co maring; 19-10 (LC 13) Ymax Horiz 19-109 (LC 13) Max Kirav 11=1767 (LC 1); 19=1767 (LC 1) Ymax horiz 19-1767 (LC 1) Ymax horiz 19-1767 (LC 1) Max Kirav 11=1767 (LC 1); 19=1767 (LC 1) Ymax horiz 19-1767 (LC 1) Ymax horiz 19-1767 (LC 1) Ymax horiz 19-1767 (LC 1) Ymax Grav 11=112 oc brasing: 17-18 9:71-12:0:02:00 Ymax horiz 19-1767 (LC 1)	SCDL	10.0	Code			Matrix-S		WING(LL)	0.25	17-10	>999	240	Weight. 160 lb	FT = 10%
 2100F 1.8E <	TOP CHORD	No.2 2x4 SPF No.2 *Exce 2100F 1.8E 2x3 SPF No.2 *Exce 17-3,13-8,20-22,21-	ept* 18-15,15-12:2x4 ept* 23:2x4 SPF No.2,	PF SPF	IOTES	4-16=-1019/262, 5-14=-222/228, 7-14=-1016/250, 8-13=-1941/420, 2-18=-728/4945,	, 5-16=-10 6-14=-52/6 , 7-13=0/4 , 8-12=0/7 , 9-12=-61	8/696, 697, 76, 42, 9/4946	·					
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing: 17-18 9-11-12 oc bracing: 17-18 9-11-12 oc bracing: 12-13. WEBS 1 Row at midpt 3-17, 4-16, 7-14, 8-13 (size) 11=0-3-8, 19=0-3-8 (size) 11=0-3-8, 19=0-3-8 (size) 11=0-3-8, 19=0-3-8 (max Horiz 19=-109 (LC 13) Max Huplit 11=-226 (LC 9), 19=-226 (LC 8) Max Grav 11=1767 (LC 1), 19=1767 (LC 1) FORCES (Ib) - Maximum Compression/Maximum Tension TOP CHORD 1-2=0/30, 2-3=-5708/813, 3-4=-3554/395, 4-5=-2694/283, 7-8=-3553/367, 2-19=-1185/261, 9-11=-1785/262, 6-7=-2696/283, 7-8=-3553/367, 2-19=-118/3/215, 14-16=-121/2396, 13-14=-196/3214, 12-13=-613/5142, 11-12=0/323 FORCES (Ib) - Maximum Compression/Maximum Tension TOP CHORD 18-19=-114/341, 17-18=-827/5141, 16-17=-331/3215, 14-16=-121/2396, 13-14=-196/3214, 12-13=-613/5142, 11-12=0/323 FORCES (Ib) - Maximum Compression/Maximum Tension TOP CHORD 18-19=-114/341, 17-18=-827/5141, 16-17=-331/3215, 14-16=-121/2396, 13-14=-196/3214, 12-13=-613/5142, 11-12=0/323 FORCES (Ib) - Maximum Compression/Maximum Tension TOP CHORD 18-19=-114/341, 17-18=-827/5141, 16-17=-331/3215, 14-16=-121/2396, 13-14=-196/3214, 12-13=-613/5142, 11-12=0/323 FORCES (Ib) - Maximum Compression/Maximum Tension FORCES (Ib) - Maximum Compressina Com		2100F 1.8E Structural wood she	eathing directly applie	2 d or	this design. Wind: ASCE Vasd=91mp	7-16; Vult=115r h; TCDL=6.0psf;	nph (3-seo BCDL=6.	cond gust) 0psf; h=25ft;	Cat.				ATEOF	MISSO
 NUMBER 1 Row at midpt 3-17, 4-16, 7-14, 8-13 (size) 11=0-3-8, 19=0-3-8 Max Horiz 19=-109 (LC 13) Max Uplift 11=-226 (LC 9), 19=-226 (LC 8) Max Grav 11=1767 (LC 1), 19=-1767 (LC 1) FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=0/30, 2-3=-5708/813, 3-4=-3554/395, 4-5=-2598/287, 2-19=-1785/261, 9-11=-1785/226, 6-7=-2696/283, 7-8=-3553/367, 8-9=-5709/692, 9-10=0/30 BOT CHORD 18-19=-114/341, 17-18=-827/5141, 16-17=-331/3215, 14-16=-121/2396, 13-14=-196/3214, 12-13=-613/5142, 11-12=0/323 All bearing at point (s) 19, 11 considers parallel to grain or bottom chord and any other members. Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 226 lb uplift at joint 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. This truss is designed in accordance with the size or the orientation of the purlin along the top and/or bottom chord. 	BOT CHORD	2-0-0 oc purlins (3-6 Rigid ceiling directly bracing, Except: 8-7-7 oc bracing: 17	6-4 max.): 5-6. / applied or 10-0-0 oc 7-18	: 3 4	right expose) Provide ade) All plates ar	d; Lumber DOL= quate drainage t e MT20 plates ur	=1.60 plate o prevent nless other	grip DOL=1. water ponding wise indicate	.60 g.				GAR	CIA ★
 FORCES (ID) - Maximum Compression/Maximum Tension TOP CHORD 1.2=0/30, 2-3=-5708/813, 3-4=-3554/395, 4-5=-2694/301, 5-6=-2398/287, 2-19=-1785/261, 9-11=-1785/226, 6-7=-2696/283, 7-8=-3553/367, 8-9=-5709/692, 9-10=0/30 BOT CHORD 18-19=-114/341, 17-18=-827/5141, 16-17=-331/3215, 14-16=-121/2396, 13-14=-196/3214, 12-13=-613/5142, 11-12=0/323 Bearing at joint(s) 19, 11 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 226 lb uplift at joint 19 and 226 lb uplift at joint 11. This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and Result and referenced standard ANSI/TPI 1. Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. 	REACTIONS	1 Row at midpt (size) 11=0-3-8 Max Horiz 19=-109 Max Uplift 11=-226	3-17, 4-16, 7-14, 8-1 , 19=0-3-8 (LC 13) (LC 9), 19=-226 (LC 4	13 6 8) 1)	 chord live lo * This truss on the botto 3-06-00 tall chord and a 	ad nonconcurrer has been design m chord in all are by 2-00-00 wide ny other member	nt with any ed for a liv eas where will fit betw rs.	other live loa e load of 20.0 a rectangle veen the bott	0psf			in the second se		• [] []
bottom chord.	FORCES		npression/Maximum										- 44ñ	um.
bottom chord.		1-2=0/30, 2-3=-5708 4-5=-2694/301, 5-6= 2-19=-1785/261, 9-7 6-7=-2696/283, 7-8= 8-9=-5709/692, 9-10	=-2398/287, 11=-1785/226, =-3553/367, D=0/30	9	value using designer sho Provide med bearing plat 19 and 226	ANSI/TPI 1 angle buld verify capac chanical connecti e capable of with b uplift at joint 1	e to grain f ity of bear ion (by oth standing 2 1.	ormula. Buil ing surface. ers) of truss t 226 lb uplift at	to				JUAN C	
CONAL TIME	3OT CHORD	16-17=-331/3215, 1 13-14=-196/3214, 1	4-16=-121/2396,	1	Internationa R802.10.2 a 1) Graphical pu or the orient bottom chor	Residential Coo nd referenced st urlin representati ation of the purlin d.	le sections andard AN on does no	R502.11.1 a SI/TPI 1. ot depict the s				THINK.	OAR KAN	ISAS IN

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TION **IEW** DEVELOPMENT SERVICES LEE'S'SUMMIT'SMISSOURI 11/05/2024 5:06:26

May 20,2024

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	B1	Roof Special	1	1	Job Reference (optional)	165649848

Run: 8,73 S Apr 25 2024 Print: 8,730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:04 Page: 1 ID:13C__JckVE9HsdxXwHwOysyKuO2-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f <u>38-0-0</u> 38-10-8 3-4-12 0-10-8 -0-10-8 3-4-12 11-4-4 19-0-0 34-7-4 26-7-11 0-10-8 3-4-12 7-7-12 7-7-11 7-11-8 7-11-9 6x6= 6 3x10 🚅 3x4 3x4 ≠ 3x10≈ ₅12 4 5 7 8 3x6 🚽 3x6 👟 3 9 10 18 16 15 14 13 17 10 ₿ 5x8= 4x8 =

M18AHS 7x16 = 4x8= 4x8 =8x12 -4∟ 12 8x12 2x4 II 2x4 II M18AHS 7x16 = 2x4 u 2x4 u 11-4-4 13-6-8 ${}^{0-3-8}_{0-3-8} {}^{3-3-8}_{3-0-0}$ 37-8-8³⁸⁻⁰⁻⁰ 1<u>3-4-12</u> 9-11-4 9-9-8 19-0-0 21-3-8 26-7-11 34-8-8 6-6-0 2-0-8 5-5-8 2-3-8 5-4-3 8-0-13 0-1-12 0-1-12 1-5-0

Scale = 1:69

0-10-0

8-9-0

Plate Offsets (X, Y): [12:0-4-12,0-2-12], [13:0-8-0,0-3-7], [14:0-2-8,0-2-0], [17:0-2-8,0-2-0], [18:0-8-0,0-3-7], [19:0-4-12,0-2-12]

3)

4)

5)

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	0.67	Vert(LL)	-0.35	13-14	>999	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.72	Vert(CT)	-0.71	13-14	>638	240	M18AHS	142/136
BCLL	0.0*	Rep Stress Incr	YES	WB	0.88	Horz(CT)	0.48	12	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-S		Wind(LL)	0.26	17-18	>999	240	Weight: 153 lb	FT = 10%

LUMBER	
TOP CHORD	2x4 SPF 2100F 1.8E
BOT CHORD	2x4 SPF No.2 *Except* 18-15,15-13:2x4 SPF
	2100F 1.8E
WEBS	2x3 SPF No.2 *Except*
	14-9,17-3,20-22,21-23:2x4 SPF No.2,
	19-2,12-10:2x6 SPF No.2, 18-2,13-10:2x4
	SPF 2100F 1.8E
BRACING	
TOP CHORD	Structural wood sheathing directly applied or
	2-11-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 8-3-13 oc
	bracing.
WEBS	1 Row at midpt 8-16, 9-14, 4-16, 3-17
REACTIONS	(size) 12=0-3-8, 19=0-3-8
	Max Horiz 19=-124 (LC 13)
	Max Uplift 12=-242 (LC 9), 19=-242 (LC 8)
	Max Grav 12=1767 (LC 1), 19=1767 (LC 1)
FORCES	(lb) - Maximum Compression/Maximum
	Tension
TOP CHORD	1-2=0/30, 2-3=-5684/871, 3-4=-3569/448,
	4-6=-2454/302, 6-8=-2454/321,
	8-9=-3568/416, 9-10=-5684/733, 10-11=0/30,
	2-19=-1790/286, 10-12=-1790/245
BOT CHORD	18-19=-143/361, 17-18=-891/5114,
	16-17=-398/3233, 14-16=-243/3232,
	13-14=-647/5115, 12-13=-10/338
WEBS	6-16=-93/1339, 8-16=-1232/311, 8-14=0/499,
	9-14=-1896/406, 9-13=0/740,
	4-16=-1233/326, 4-17=0/499,
	3-17=-1895/496, 3-18=-55/740,
	2-18=-766/4904, 10-13=-642/4905
NOTES	
1) Unbalance	ed roof live loads have been considered for

- 2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60 All plates are MT20 plates unless otherwise indicated. This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle
- 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members. All bearings are assumed to be SPF No.2 . 6)
- 7) Bearing at joint(s) 19, 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building
- designer should verify capacity of bearing surface. 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 242 lb uplift at joint 19 and 242 lb uplift at joint 12.
- 9) 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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Unbalanced roof live loads have been considered for 1)

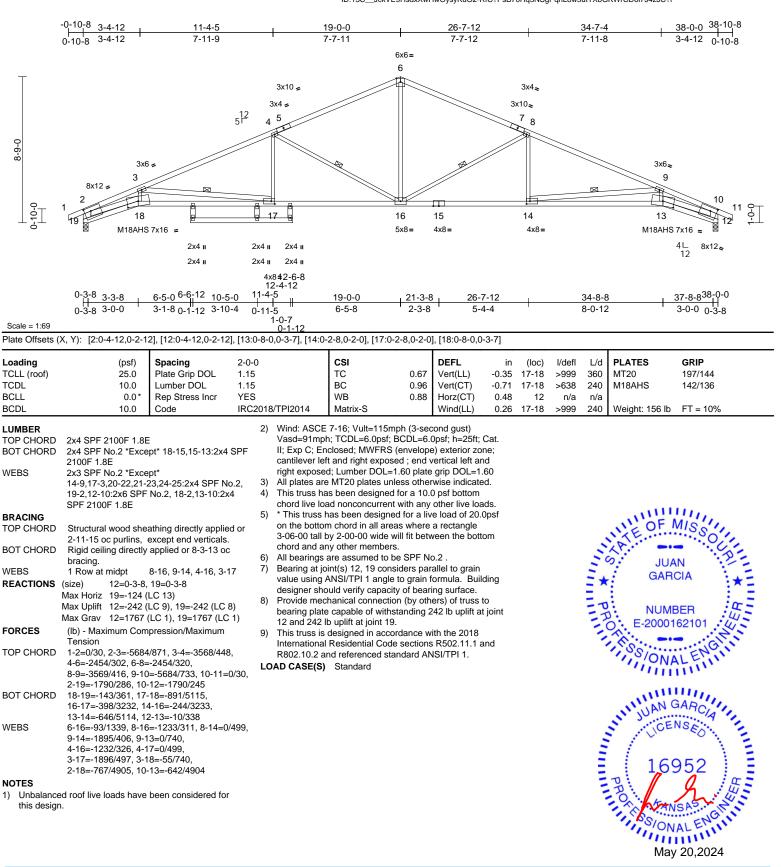
this design.



 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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Jo	b	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
На	armony - Craftsman	B2	Roof Special	1	1	Job Reference (optional)	165649849

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:04 ID:13C_JckVE9HsdxXwHwOysyKuO2-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

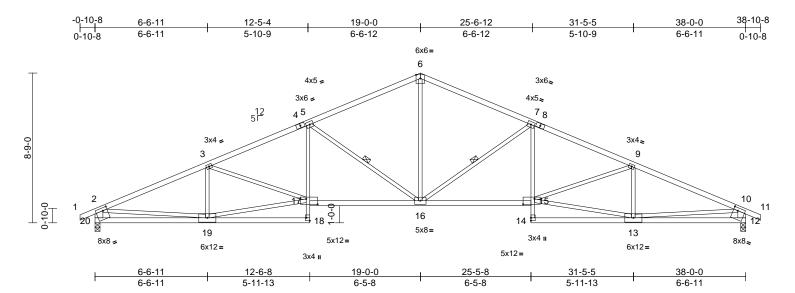


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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	В3	Roof Special	2	1	I6 Job Reference (optional)	5649850

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:04 ID:AaOueFFMzq8jVvh5evwChEyKuSO-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:67.3

					1								-
Loading	(psf) 25.0	Spacing Plate Grip DOL	2-0-0 1.15		CSI TC	0.71	DEFL Vert(LL)	in -0.29	(loc) 16-17	l/defl >999	L/d 360	PLATES MT20	GRIP 197/144
	10.0	Lumber DOL	1.15		BC	0.71	Vert(CT)		16-17	>804	240	101120	137/144
BCLL	0.0*	Rep Stress Incr	YES		WB	0.93	Horz(CT)	0.21	12	n/a	n/a		
BCDL	10.0	Code		18/TPI2014	Matrix-S		Wind(LL)		16-17	>999	240	Weight: 155 lb	FT = 10%
	(size) 12=0-3-8, Max Horiz 20=125 (L	pt* 20-2,12-10:2x6 \$ athing directly applie cept end verticals. applied or 9-9-2 oc 7-16, 5-16 20=0-3-8 .C 12)	SPF 3 d or 4 5 6	Vasd=91mp II; Exp C; Er cantilever lel right expose This truss h chord live lo * This truss on the botto 3-06-00 tall chord and a All bearings Provide mee bearing plat	57-16; Vult=115r h; TCDL=6.0psr; tclosed; MWFRS ft and right expor- d; Lumber DOL= as been designe m chord in all are by 2-00-00 wide ny other member are assumed to chanical connecti e capable of with b uplift at joint 12	BCDL=6. (enveloped sed; end v =1.60 plated d for a 10.0 at with any ed for a live eas where will fit betw rs. be SPF Ne ion (by oth standing 2	Dpsf; h=25ft; e) exterior zo rertical left ar grip DOL=1. 0 psf bottom other live loz e load of 20. a rectangle rectangle reen the bott 0.2. ers) of truss	ne; nd 60 nds. Opsf om to				JUA GAR	
	Max Uplift 12=-242 (Max Grav 12=1767				designed in acc Residential Coc			and			Ξ.		
ORCES	(lb) - Maximum Com				ind referenced st						= 7	NUME	BER
OP CHORD	Tension 1-2=0/30, 2-3=-3092 5-6=-2434/302, 6-7= 7-9=-3417/409, 9-10 2-20=-1691/274, 10- 19-20=-266/627, 18-	2434/320,)=-3092/382, 10-11= 12=-1691/274	2,	OAD CASE(S)	Standard							E-20001	LENGINI
	19-20=-260/027, 16- 17-18=0/107, 5-17=- 16-17=-361/3101, 19 14-15=0/107, 7-15=- 12-13=-150/627	-39/596, 5-16=-205/3101,	112,									IN JUAN C	ARCIA
VEBS	6-16=-106/1372, 7-1 13-15=-266/2705, 9- 9-13=-632/152, 5-16 17-19=-389/2705, 3- 3-19=-632/176, 2-19 10-13=-127/2149	15=-35/340, =-1157/305, 17=-2/340,									WILLIN,	UNAN CLICE	952 g
NOTES) Unbalance this design	ed roof live loads have n.	been considered for										SION	SAST

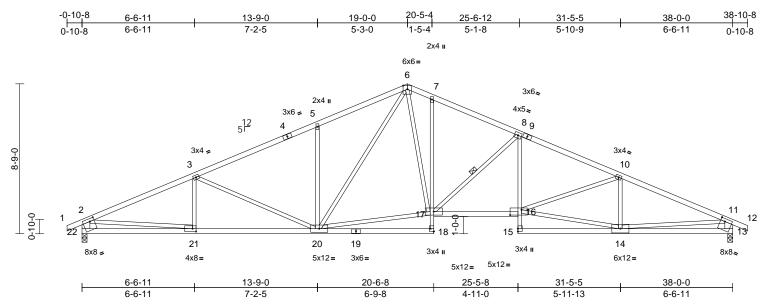


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 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not besign value for use only with with twit even connectors. This design is based only upon parameters 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)

ſ	Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
	Harmony - Craftsman	B4	Roof Special	3	1	Job Reference (optional)	65649851

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:04 ID:WGgL786qo8dQ33moxNjOCiyKuSa-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:67.3

Plate Offsets (X, Y):	[13:0-3-0,0-2-0]	, [16:0-8-0,0-3-12],	[18:Edge,0-2-8]	, [21:0-2-8,0-2-0], [22:0-3-0,0-2-0]

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	0.72	Vert(LL)	-0.27	16-17	>999	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.88	Vert(CT)	-0.52	16-17	>872	240		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.93	Horz(CT)	0.17	13	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-S		Wind(LL)	0.17	16-17	>999	240	Weight: 164 lb	FT = 10%

		0000		/
LUMBER TOP CHORD BOT CHORD WEBS	2x4 SPF No.2 *Exc No.2	ept* 18-7,8-15:2x3 SP ept* 22-2,13-11:2x6 SF		Wind: A Vasd=9 II; Exp cantilev right ex This tru
BRACING TOP CHORD BOT CHORD WEBS REACTIONS	2-2-0 oc purlins, ex Rigid ceiling directly bracing. 1 Row at midpt (size) 13=0-3-8 Max Horiz 22=125 (Max Uplift 13=-242	y applied or 9-1-6 oc 8-17 5, 22=0-3-8	5) 6)	chord li * This t on the 3-06-00 chord a All bea Provide bearing 22 and This tru
FORCES	(lb) - Maximum Cor Tension	npression/Maximum 7/393, 3-5=-2679/340, =-2502/372,	LO	Interna R802.1 AD CAS
BOT CHORD	10-11=-3095/385, 1 2-22=-1694/274, 11 21-22=-240/569, 20	1-12=0/30, -13=-1691/274 -21=-415/2795, -0/116, 7-17=-222/129 5-16=0/107, 5=-12/109, 0=-512/184,	,	
	5-20=-478/243, 6-2 6-17=-222/1241, 8- 14-16=-273/2712, 1 10-14=-635/154, 2- 11-14=-136/2160, 1	17=-1060/238, 0-16=-33/326, 21=-176/2236,		

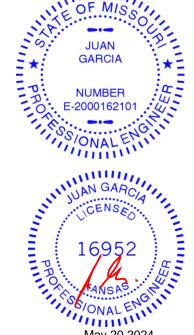
NOTES

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

ASCE 7-16; Vult=115mph (3-second gust) 91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. C; Enclosed; MWFRS (envelope) exterior zone; ever left and right exposed ; end vertical left and xposed; Lumber DOL=1.60 plate grip DOL=1.60 russ has been designed for a 10.0 psf bottom

live load nonconcurrent with any other live loads. truss has been designed for a live load of 20.0psf bottom chord in all areas where a rectangle 00 tall by 2-00-00 wide will fit between the bottom and any other members.

- arings are assumed to be SPF No.2 .
- le mechanical connection (by others) of truss to ng plate capable of withstanding 242 lb uplift at joint d 242 lb uplift at joint 13.
- russ is designed in accordance with the 2018 ational Residential Code sections R502.11.1 and 10.2 and referenced standard ANSI/TPI 1. SE(S) Standard



Page: 1

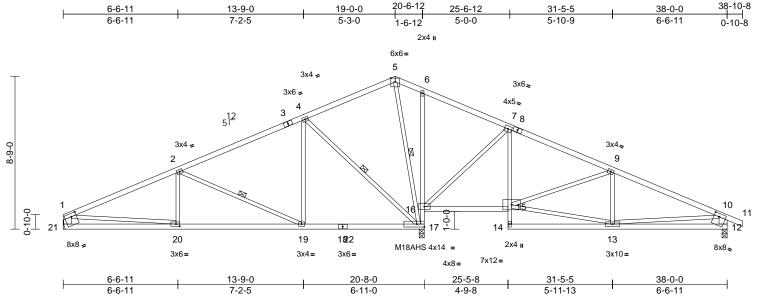
May 20,2024

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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	B5A	Roof Special	5	1	Job Reference (optional)	165649852

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:04 ID:KcSKgmZbOJyp99q8oQPqtCyKuTH-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:65.9

Plate Offsets (X, Y): [12:0-3-8,0-2-4], [20:0-2-8,0-1-8], [21:0-3-8,0-2-4]

-													
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	0.52	Vert(LL)	-0.08	17-19	>999	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15		BC	0.61	Vert(CT)	-0.14	17-19	>999	240	M18AHS	142/136
BCLL	0.0*	Rep Stress Incr	YES		WB	0.96	Horz(CT)	0.02	17	n/a	n/a		
BCDL	10.0	Code	IRC201	8/TPI2014	Matrix-S		Wind(LL)	0.03	19-20	>999	240	Weight: 158 lb	FT = 10%
FORCES TOP CHORD BOT CHORD WEBS NOTES	2x4 SPF No.2 *Exce No.2 2x3 SPF No.2 *Exce No.2 Structural wood she 4-6-8 oc purlins, exi Rigid ceiling directly bracing. 1 Row at midpt (size) 12=0-3-8, Mechanic Max Horiz 21=-78 (L Max Uplift 12=-74 (L Max Grav 12=745 (L 21=857 (L (lb) - Maximum Com Tension 1-2=-1364/105, 2-4= 5-6=0/364, 6-7=0/40 9-10=-975/129, 10-1 10-12=-683/107 20-21=-85/346, 19-2 17-19=-39/566, 16-1 6-16=-293/80, 15-16 7-15=0/505, 13-14= 2-20=0/224, 2-19=-7 4-17=-1007/90, 5-17 13-15=-59/809, 9-15 1-20=-31/891, 10-13	pt* 21-1,12-10:2x6 S athing directly applie cept end verticals. applied or 10-0-0 oc 2-19, 4-17, 5-17 17=0-3-8, 21= al C 9) C 9), 21=-49 (LC 8) C 22), 17=2019 (LC C 21) pression/Maximum -693/115, 4-5=0/348 (6, 7-9=-448/156, 1=0/30, 1-21=-770/8 20=-116/1201, 7=-944/119, =-15/341, 14-15=0/9 -4/40, 12-13=-64/390 '06/84, 4-19=0/603, '=-362/0, 7-16=-830/; =-541/49, 9-13=-63/ 3=0/454	PF 3 PF 3 4 d or 5 7 8 2), 9 , L 2, 9, 87, 145,	Vasd=91mpl II; Exp C; En and right exp Lumber DOL All plates are This truss ha chord live loa * This truss h on the bottor 3-06-00 tall b chord and ar All bearings Refer to gird Provide mec bearing plate 21 and 74 lb This truss is International	7-16; Vult=115m h; TCDL=6.0psf; E iclosed; MWFRS i oosed ; end vertic: _=1.60 plate grip I as been designed ad nonconcurrent nas been designed m chord in all area oy 2-00-00 wide w hy other members are assumed to b thanical connectio e capable of withs uplift at joint 12. designed in accoo Residential Code nd referenced sta Standard	CDL=6.(enveloped al left and OOL=1.6(ess other for a 10.0 with any d for a liv as where vill fit betv, with BCC e SPF No russ conr n (by oth tanding 4 rdance w	Opsf; $h=25ft$; (antilever d right exposed over the second second over load of 20. a rectangle veen the bott DL = 10.0ps o.2. nections. ers) of truss 19 lb uplift at ith the 2018 s R502.11.1 a	left ed; ads. Opsf om f. to				DONE E-20001 SS/ONA DONE E-20001 SS/ONA DONE E-20001 SS/ONA DONE E-20001 SS/ONA DONE E-20001 SS/ONA DONE E-20001 DONE E-200000000000000000000000000000000000	CIA 3ER 62101

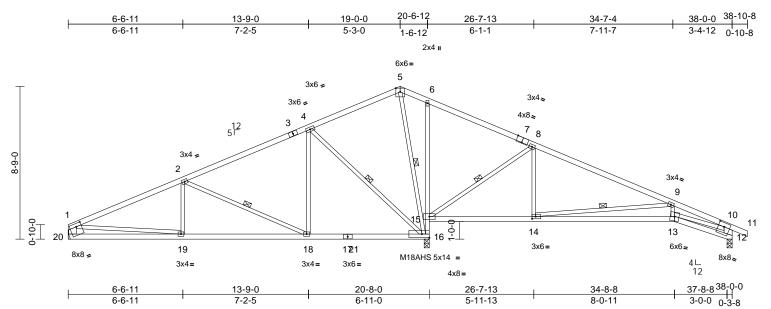




Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	B6A	Roof Special	1	1	Job Reference (optional)	165649853

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:05 ID:wUjLv66O6xI3DTV189E9tPyKuTs-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:65.9

Plate Offsets (X, Y): [7:0-4-0,Edge], [12:0-4-0,0-2-12], [14:0-2-8,0-1-8], [20:0-3-8,0-2-4]

		-											
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 IRC201	8/TPI2014	CSI TC BC WB Matrix-S	0.71 0.83 0.83	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	in -0.20 -0.38 0.02 0.08	(loc) 13-14 13-14 16 13-14	l/defl >999 >542 n/a >999	L/d 360 240 n/a 240	PLATES MT20 M18AHS Weight: 150 lb	GRIP 197/144 142/136 FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD WEBS REACTIONS	2x3 SPF No.2 *Exce No.2 Structural wood she 3-9-14 oc purlins, e Rigid ceiling directly bracing. 1 Row at midpt	athing directly applie xcept end verticals. applied or 10-0-0 or 2-18, 4-16, 5-16, 8- 9-14 16=0-3-8, 20= cal C 9), 20=-49 (LC 8) C 92, 16=2110 (LC	3) ed or 4) c 5) 15, 6) 7) 8)	Vasd=91mpi II; Exp C; En and right exp Lumber DOL All plates are This truss ha chord live loa * This truss loa chord live loa * This truss loa chord live loa * This truss loa the bottoo 3-06-00 tall lo chord and ar All bearings Refer to gird Bearing at jo using ANSI/ designer sho Provide meto	7-16; Vult=115m h; TCDL=6.0psf; I closed; MWFRS bosed; end vertic =1.60 plate grip I a MT20 plates unl as been designed ad nonconcurrent nas been designed m chord in all area by 2-00-00 wide w ny other members are assumed to b er(s) for truss to t init(s) 12 consider TPI 1 angle to gra Juld verify capacit hanical connectio c capable of withs	BCDL=6. (envelope al left and DOL=1.60 ess other for a 10.0 with any d for a liv as where vill fit betv s, with BC pe SPF No russ conr rs parallel in formula y of bear n (by oth	Dpsf; h=25ft; a); cantilever d right expose b) wise indicate D psf bottom other live load e load of 20.0 a rectangle veen the botti DL = 10.0psi b.2. nections. to grain valu a. Building ng surface. ers) of truss i	left ed; ed. ds. Opsf om f. le			111 * PD	JUA GAR	BER U
FORCES	(lb) - Maximum Corr Tension	pression/Maximum	10	20 and 66 lb	uplift at joint 12. designed in acco						1	5 E-20001	02101
TOP CHORD	1-2=-1319/106, 2-4= 5-6=0/451, 6-8=0/52 9-10=-1979/205, 10- 10-12=-671/68	25, 8-9=-529/124,	5,	International	Residential Code nd referenced sta	e sections	R502.11.1 a	and				SS/ONA	LENUT
BOT CHORD	19-20=-85/341, 18-1 16-18=-40/521, 15-1 6-15=-342/91, 14-15 13-14=-174/1760, 12	16=-998/128, 5=-8/414,										JUAN CE	ARCIA
WEBS	2-19=0/227, 2-18=-7 4-16=-1022/90, 5-16 8-14=0/441, 9-14=-1 1-19=-32/852, 10-13	714/84, 4-18=0/616, 6=-418/0, 8-15=-976, 1355/167, 9-13=0/41										UCE DICE	952
NOTES											-	DI	<u>а</u>

NOTES

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

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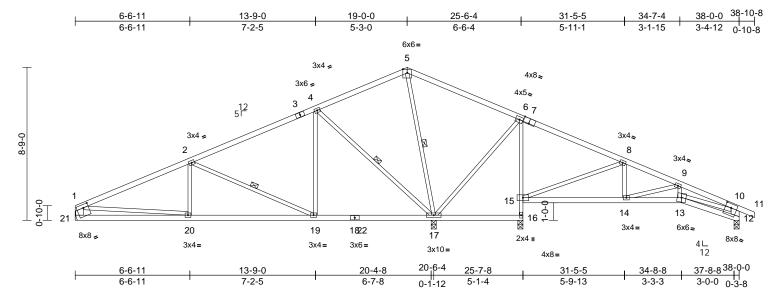
Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	B7A	Roof Special	4	1	I65 Job Reference (optional)	5649854

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:05 ID:nYhb3L6GCxNcJyo7PIGE8PyKuWS-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1

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Scale = 1:65.9

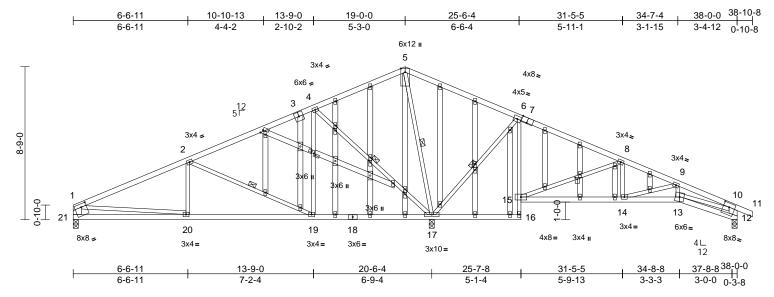
Plate Offsets (X, Y): [7:0-4-0,Edge], [12:0-4-0,0-2-12], [21:0-3-8,0-2-4]

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 IRC201	8/TPI2014	CSI TC BC WB Matrix-S	0.62 0.52 0.80	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	in -0.07 -0.14 0.02 0.04	19-20 17	l/defl >999 >999 n/a >999	L/d 360 240 n/a 240	PLATES MT20 Weight: 148 lb	GRIP 197/144 FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD WEBS REACTIONS	2x4 SPF No.2 2x4 SPF No.2 *Exc 2x3 SPF No.2 *Exc No.2 Structural wood she 4-10-4 oc purlins, e Rigid ceiling directly bracing, Except: 6-0-0 oc bracing: 16 1 Row at midpt (size) 12=0-3-8 Mechanic Max Horiz 21=-133 Max Uplift 12=-146	ept* 16-6:2x3 SPF No ept* 21-1,12-10:2x6 S eathing directly applie except end verticals. / applied or 10-0-0 oc S-17. 2-19, 4-17, 5-17 , 16=0-3-8, 17=0-3-8 cal (LC 9), 16=-95 (LC 2	2) 5.2 5PF 3) d or 4) 5) 7, 21= 6) 7) 1), 8)	Wind: ASCE Vasd=91mpl II; Exp C; En cantilever lef right expose This truss ha chord live loa * This truss h on the bottor 3-06-00 tall h chord and ar All bearings Refer to gird Bearing at jo using ANSI/ designer sho	7-16; Vult=115n n; TCDL=6.0pSf; closed; MWFRS t and right exposed; Lumber DOL= s been designed n chord in all are yy 2-00-00 wide v ety other member are assumed to l er(s) for truss to int(s) 12 conside TPI 1 angle to gra- uld verify capaci	BCDL=6. (enveloped) ed; end v 1.60 platet I for a 10. t with any ed for a liv as where will fit betw s, with BC se SPF N truss com rs paralle ain formul ty of bear	cond gust) Opsf; h=25ft; e) exterior zo vertical left ar grip DOL=1 D psf bottom other live loa re load of 20. e load of 20. EVEL = 10.0ps DL = 10.0ps	Cat. ne; nd .60 ads. 0psf f. ue	10.20		***	JUA GAR	MISSOUR N CIA
FORCES	Max Grav 12=547 (17=1909	(LC 8), 21=-128 (LC 2 LC 22), 16=641 (LC 2 (LC 2), 21=777 (LC 2 npression/Maximum	22),	21, 95 lb upl lb uplift at joi	e capable of with ft at joint 16, 146 nt 17. designed in acco	ib uplift a	it joint 12 and					NUME E-20001	• 41.
TOP CHORD	5-6=0/601, 6-8=0/3	=-504/136, 4-5=0/49(17, 8-9=-639/229, I-11=0/30, 1-21=-695), I (International	Residential Cod	e sections	8 R502.11.1 a	and				S S/ONA	LENIT.
BOT CHORD	10-12534/17 20-21=-171/358, 19 17-19=-58/405, 16- 15-16=-614/122, 6- 14-15=-124/579, 13 12-13=-53/199	17=-182/40, 15=-275/311,									-	UAN CICE	ARCIA
WEBS	2-20=0/237, 2-19=- 4-17=-989/245, 5-1 6-17=-467/175, 8-1	733/210, 4-19=-1/585 7=-701/58, 5=-802/183, 9-13=-9/ 3=-204/866, 8-14=0/3	226,								IIIII III	169 PRO	52
NOTES 1) Unbalance this design	ed roof live loads have n.	been considered for										Mav	AL ENGILI

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)

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	B8A	Roof Special Structural Gable	1	1	Job Reference (optional)	165649855

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:05 ID:GNPXhZLtyaM?AnAwxQcNq7yKuUr-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:65.9

[7:0-4-0,Edge], [12:0-4-0,0-2-12], [21:0-3-8,0-2-4], [22:0-1-0,0-2-4], [23:0-1-4,0-1-0], [25:0-1-6,0-1-0], [27:0-1-6,0-1-0], [31:0-1-6,0-1-0], [43:0-1-6,0-1	-1-13,0-1-0],
Plate Offsets (X, Y): [50:0-1-2,0-1-8]	

Plate Olisets	(A, f). [50.0-1-2,0-1-6											
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	0.67 0.39 0.78	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	-0.12 0.03	(loc) 19-20 19-20 12 13-14	l/defl >999 >999 n/a >999	L/d 360 240 n/a 240	PLATES MT20 Weight: 224 lb	GRIP 197/144 FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD WEBS REACTIONS FORCES TOP CHORD BOT CHORD BOT CHORD WEBS NOTES 1) Unbalance this design	2x4 SPF No.2 *Exce 2x3 SPF No.2 *Exce No.2, 22-23,23-24:2 2x4 SPF No.2 Structural wood she 4-9-4 oc purlins, ex Rigid ceiling directly bracing, Except: 6-0-0 oc bracing: 17 1 Row at midpt (size) 12=0-3-8, Max Horiz 21=-133 (Max Uplift 12=-150 (21=-155 () Max Grav 12=572 (I 21=-776 (I (Ib) - Maximum Corr Tension 1-2=-1226/266, 2-4= 5-6=0/811, 6-8=0/25 9-10=-1256/330, 10 10-12=-581/181 20-21=-176/301, 19 17-19=-194/418, 16 6-15=-10/376, 14-15 13-14=-259/1083, 1: 2-20=0/247, 2-19=-7 4-17=-923/242, 5-17 6-17=-843/258, 8-15 9-13=-10/195, 1-20= 10-13=-213/927, 8-1	Pathing directly applied (cept end verticals. / applied or 10-0-0 oc 7-19,16-17. 2-19, 4-17, 5-17, 6-1 , 17=0-3-8, 21=0-3-8 (LC 9) (LC 9), 17=-170 (LC 9 (LC 9), 17=-170 (LC 9 (LC 2), 17=2252 (LC LC 21) hpression/Maximum =-551/237, 4-5=0/625, 53, 8-9=-714/240, -11=0/30, 1-21=-715/ -20=-301/1062, -17=-131/33, 15-16=0 5=-134/645, 2-13=-55/195 742/203, 4-19=0/485, 7=-866/33, 5=-780/184, =-126/774, 14=0/302, 9-14=-457/	Vasd=91m II; Exp C; E cantilever I right exposs 3) Truss desi only. For s see Standa 4) All plates a 5) Truss to be braced age 7 6) Gable stud 7) This truss to be braced age 7 7) Gable stud 7) This truss 0, 8) * This truss on the bott 3-06-00 tal 1), chord and 9) WARNING than input 10) All bearing at using ANS designer sl 12) Provide me bearing pla 21, 150 b 13) This truss i Internation R802.10.2 LOAD CASE(S	E 7-16; Vult=115mph ph; TCDL=6.0psf; BC inclosed; MWFRS (e eft and right exposed ed; Lumber DOL=1.6 gned for wind loads is tuds exposed to wind rd Industry Gable Er qualified building desi re 2x4 MT20 unless - rully sheathed from inst lateral movemer s spaced at 2-0-0 oc. has been designed for back on the second state of the back of the second state of the back of the second state of the second state of the back of the second state of the second state of the state of the second state of the second state of the problem state of the second state of the second state of the second st	DL=6. nvelopy 1; end vi 50 plate of plate of norm vi the norm of plate of pla	Opsf; h=25ft; C e) exterior zone vertical left and grip DOL=1.6 lane of the trus val to the face), ils as applicab s per ANSI/TP se indicated. ve or securely liagonal web). O psf bottom other live load re load of 20.0p a rectangle veen the bottor other live load rectangle veen the load rectangle veen the bottor other live load rectangle veen the bottor other live load rectangle veen the bottor other live load rectangle veen the bottor other live load rectang	e; d io ss s, le, l 1. fs. psf m er e joint				JUA GAR NUMI E-20001	CIA BER 162101 ALEN SARCIA NSEO 952
											Mov	120 2024

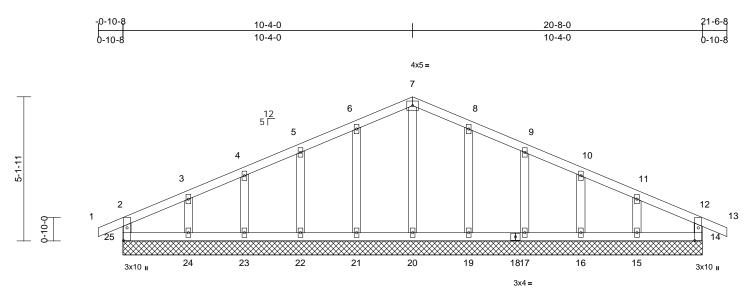
 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not besign value for use only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

TION **IEW** DEVELOPMENT SERVICES LEE'S'SUMMIT'SMISSOURI 11/05/2024 5:06:27

May 20,2024

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	105040050		
Harmony - Craftsmar	C1	Common Supported Gable	1	1	Job Reference (optional)	165649856		
Wheeler Lumber, Waverly, K	66871,	Run: 8.73 S Apr 25 2	Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:05					

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:05 ID:y7ouFUqqdtUt2QYiZzLqjYyKuWp-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



20-8-0

Scale = 1:41.1 Plate Offsets (X, Y): [14:0-5-8,0-1-8], [25:0-5-8,0-1-8]

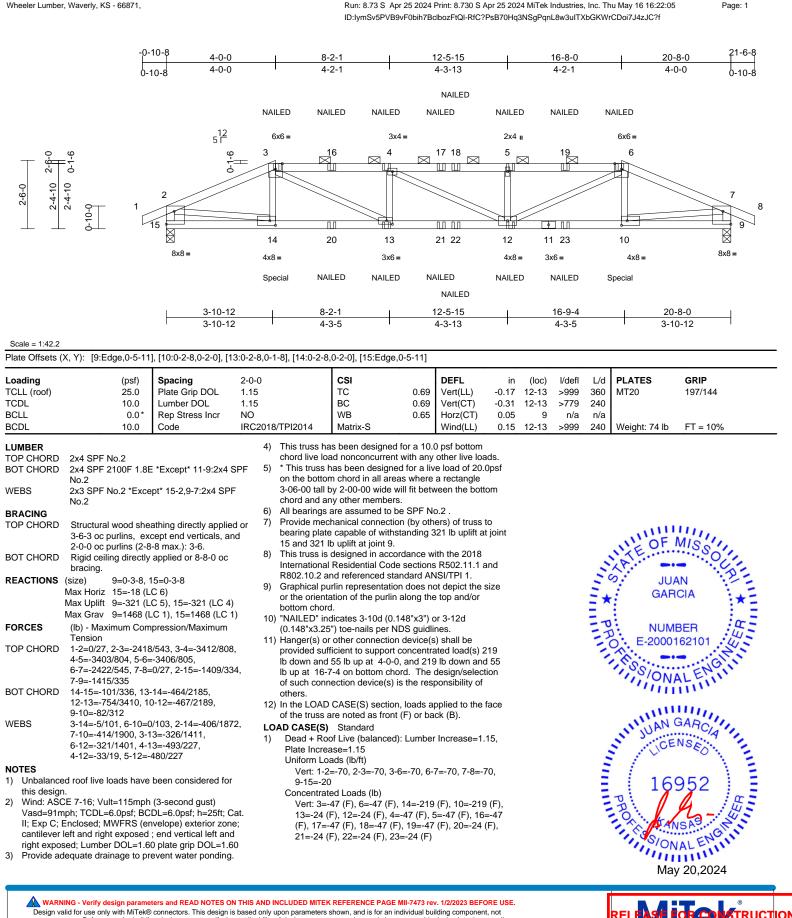
oading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
CLL (roof)	25.0	Plate Grip DOL	1.15		TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	197/144
CDL	10.0	Lumber DOL	1.15		BC	0.03	Vert(CT)	n/a	-	n/a	999		
CLL	0.0*	Rep Stress Incr	YES		WB	0.05	Horz(CT)	0.00	14	n/a	n/a		
CDL	10.0	Code	IRC20	18/TPI2014	Matrix-R							Weight: 80 lb	FT = 10%
UMBER			1	WEBS	7-20=-124/0, 6-2	21=-151/74	, 5-22=-138/	73,					
OP CHORD	2x4 SPF No.2				4-23=-140/66, 3	3-24=-143/9	1, 8-19=-151	/74,					
OT CHORD					9-17=-138/73, 1	0-16=-140	67, 11-15=-1	43/88					
/EBS	2x4 SPF No.2			NOTES									
THERS	2x4 SPF No.2				d roof live loads h	have been i	considered fo	r					
RACING				this design.				, i					
OP CHORD	Structural wood shea	athing directly appli	ed or		E 7-16; Vult=115	mph (3-sec	cond aust)						
of official	6-0-0 oc purlins, exc				ph; TCDL=6.0psf			Cat.					
OT CHORD			c		nclosed; MWFR							, min	2011
	bracing.		-		eft and right expo							Nº OF	MISS
EACTIONS	0), 15=20-8-0, 16=20)-8-0		ed; Lumber DOL							XE	
), 19=20-8-0, 20=20		 Truss designation 	gned for wind loa	ads in the p	lane of the tr	JSS			~	Xr	
), 22=20-8-0, 23=20			tuds exposed to						20	JU/	AN SPE
), 25=20-8-0	,		rd Industry Gable						-	GAR	
	Max Horiz 25=-62 (L	C 13)			ualified building			PI 1.			二 ★	: MAI	
	Max Uplift 14=-35 (L	C 5), 15=-70 (LC 9)			re 2x4 MT20 unle						-	:	:
	16=-42 (L	C 9), 17=-50 (LC 9)			ires continuous b						- 7	NUM	RER :C.
	19=-50 (L	C 9), 21=-50 (LC 8)	, (fully sheathed fr						- 5		• 41.
	22=-50 (L	C 8), 23=-40 (LC 8)	,		inst lateral move		iagonal web)					E-20001	102101
		C 8), 25=-36 (LC 4)			s spaced at 2-0-0						1	A	
	Max Grav 14=174 (L		ı), ·		as been designe							1.000	ENGIN
		_C 22), 17=179 (LC			bad nonconcurre							UN/	ALLIN
		_C 22), 20=164 (LC	·),		has been design			Jpst					III.
		_C 21), 22=179 (LC			om chord in all ar by 2-00-00 wide			~ m					
		_C 21), 24=187 (LC	1),		any other membe		veen the bott	om				, unit	11117.
	25=174 (L	,			are assumed to		. 2					IN UAN C	SARC
ORCES	(lb) - Maximum Com	pression/Maximum			chanical connect			'n				N 20	A
	Tension				te capable of with							CE	NSED.
OP CHORD	,				olift at joint 14, 50							UAN CLOCE	~ \
	3-4=-37/72, 4-5=-30/	, ,			t 22, 40 lb uplift a							1	
	6-7=-34/134, 7-8=-34	, ,			lift at joint 19, 50							16	952
	9-10=-30/80, 10-11=		43,		t 16 and 70 lb up			-			-	10	552
	12-13=0/27, 12-14=-				s designed in acc							T	
OT CHORD			/50,		al Residential Co			ind				0	My. In
	21-22=-10/50, 20-21 17-19=-10/50, 16-17				and referenced s							AN	ISAS.
	14-15=-10/50, 16-17	10/00, 10-10=-10	"JU,	OAD CASE(S) Standard							1. 5.	ENG I
	14-10=10/00		-		,							IN ON	ALEN
												111	mm

May 20,2024

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TION 'IEW DEVELOPMENT SERVICES LEE'S'SUMMIT'SMISSOURI 11/05/2024 5:06:27

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	D1	Hip Girder	1	1	Job Reference (optional)	165649857

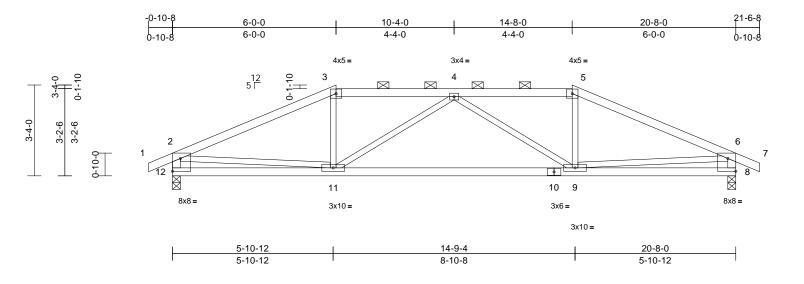


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LEE'S'SUMMIT,SMISSOURI 11/05/2024 5:06:27

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	D2	Нір	1	1	I656 Job Reference (optional)	49858

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:06 ID:M0brLnzwg5NMi3ym0dzJ8CzFtRJ-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



Scale = 1:42.3

Plate Offsets (X	Y)· [8·Edd	ne 0-5-11] [12	Edge 0-5-111

Plate Offsets	(X, Y): [8:Edge,0-5-11]], [12:Edge,0-5-11]										-		
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 IRC20 ⁷	18/TPI2014	CSI TC BC WB Matrix-S	0.47 0.63 0.32	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	in -0.15 -0.32 0.03 0.05	(loc) 9-11 9-11 8 9-11	l/defl >999 >761 n/a >999	L/d 360 240 n/a 240	PLATES MT20 Weight: 73 lb	GRIP 197/144 FT = 10%	
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS FORCES TOP CHORD BOT CHORD WEBS	2x4 SPF No.2 2x3 SPF No.2 *Exce No.2 Structural wood shea 4-3-4 oc purlins, exu 2-0-0 oc purlins (4-1 Rigid ceiling directly bracing. (size) 8=0-3-8, 1 Max Horiz 12=-29 (L Max Uplift 8=-134 (L Max Grav 8=988 (LC (lb) - Maximum Com Tension 1-2=0/27, 2-3=-1530 4-5=-1329/194, 5-6= 2-12=-941/158, 6-8=	athing directly applie cept end verticals, at 1-2 max.): 3-5. applied or 10-0-0 oc 12=0-3-8 C 13) C 5), 12=-134 (LC 4 C 1), 12=988 (LC 1) pression/Maximum 0/187, 3-4=-1329/194 c-1530/187, 6-7=0/27 c-941/158 1=-220/1598, 117/131, 4-9=-417/13	6 7 nd 8 c 9) L 4, 7,	 on the bottor 3-06-00 tall I chord and an All bearings Provide mec bearing plate 12 and 134 I This truss is International R802.10.2 a Graphical pu 		s where s SPF N (by oth anding 1 dance w sections ndard AN does n	a rectangle veen the botto o.2. ers) of truss t 134 lb uplift at 134 lb uplift at 134 lb uplift at 134 lb uplift at 134 lb uplift at 135 lb uplift at 136 lb up	om to t joint and				JU GAF SS/ON	BER 162101	11/2 × HUILIN
 this desig Wind: ASI Vasd=91r II; Exp C; cantilever right expo Provide ai This truss 	ed roof live loads have n. CE 7-16; Vult=115mph mph; TCDL=6.0psf; BC Enclosed; MWFRS (er left and right exposed sed; Lumber DOL=1.6I dequate drainage to pro- has been designed for load nonconcurrent wi	(3-second gust) DL=6.0psf; h=25ft; C ivelope) exterior zon ; end vertical left and 0 plate grip DOL=1.6 event water ponding r a 10.0 psf bottom	Cat. le; d 60 l.								. HIIIIN.	PBO 16 PBO AA	GARCIA 952 VSAS VALENO	In the second second

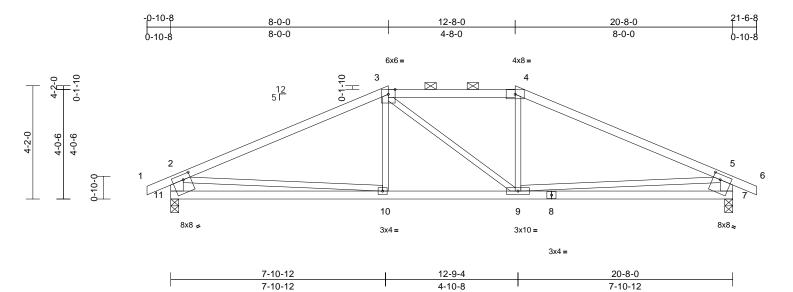
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcscomponents.com)



Job	Truss	Truss Truss Type Qty Ply Harmony - Craftsman				
Harmony - Craftsman	D3	Нір	1	1	Job Reference (optional)	165649859

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:06 ID:bldFEs4ZYsV4HS8V10dQ?5zFtRA-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:42.4

Plate Offsets (X, Y): [7:0-3-4.0-2-4]. [11:0-3-4.0-2-4]

Plate Offsets	(X, Y): [7:0-3-4,0-2-4],	[11:0-3-4,0-2-4]										-	
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 IRC201	8/TPI2014	CSI TC BC WB Matrix-S	0.82 0.43 0.21	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	in -0.10 -0.21 0.03 0.03	(loc) 10-11 10-11 7 9-10	l/defl >999 >999 n/a >999	L/d 360 240 n/a 240	PLATES MT20 Weight: 75 lb	GRIP 197/144 FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS FORCES	2x4 SPF No.2 2x4 SPF No.2 2x3 SPF No.2 *Exce No.2 Structural wood she 3-4-0 oc purlins, ex 2-0-0 oc purlins (5-3 Rigid ceiling directly bracing.	ppt* 11-2,7-5:2x6 SP athing directly applie cept end verticals, a -0 max.): 3-4. applied or 10-0-0 or 11=0-3-8 C 9) C 9), 11=-122 (LC 8 C 1), 11=987 (LC 1)	5) PF 6) 7) ed or nd 8) c 9) x	 * This truss h on the bottor 3-06-00 tall h chord and ar All bearings Provide mec bearing plate 11 and 122 l This truss is International R802.10.2 au Graphical pu 	has been designe n chord in all area by 2-00-00 wide v by other members are assumed to b hanical connectic e capable of withs b uplift at joint 7. designed in acco Residential Code nd referenced sta rlin representatio ation of the purlin d.	as where vill fit betv e SPF N on (by oth tanding 1 rdance w e sections indard AN n does n	e load of 20. a rectangle veen the bott o.2. ers) of truss 22 lb uplift a ith the 2018 s R502.11.1 a ISI/TPI 1. ot depict the	Opsf tom t joint and			11111111111111111111111111111111111111	JU. GAF	MISSOUR AN ICIA
TOP CHORD BOT CHORD WEBS	1-2=0/30, 2-3=-1401 4-5=-1401/150, 5-6= 5-7=-911/169	=0/30, 2-11=-911/16 0=-59/1185, 51/151, 4-9=0/220,									THE PARTY	E-2000	• 41
 this desig Wind: AS Vasd=91r II; Exp C; cantilever right expc Provide a This truss 	ed roof live loads have	been considered fo (3-second gust) DL=6.0psf; h=25ft; (ivelope) exterior zor ; end vertical left an 0 plate grip DOL=1.0 event water ponding r a 10.0 psf bottom	Cat. ne; d 60 g.								. attitus.	PROFESSION	GARCIA NSEO 952

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)

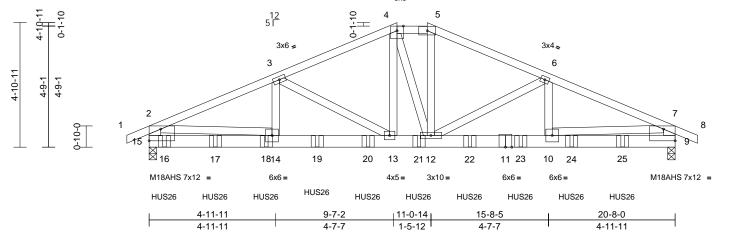
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May 20,2024

Job	Truss	Truss Type Qty Ply Harmony - Craftsman FH 3-Car				
Harmony - Craftsman	D4	Hip Girder	1	2	Job Reference (optional)	165649860

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:06 ID:fSdC4Qty?7pjBbBBvtpvg0zFtQ8-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

-0-10-8 0-10-8 10-11-2 21-6-8 4-11-11 9-8-14 15-8-5 20-8-0 1-2-4 4-11-11 4-9-3 4-9-3 4-11-11 0-10-8 4x8= 6x6 =



Scale = 1:45.3

Plate Offsets (X, Y): [9:Edge,0-5-8], [15:Edge,0-5-8]

	, , , , , [e:_ege;e e e];	, [go, o o]	_											
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	0.57	Vert(LL)		13-14	>999	360	MT20	197/144	
TCDL	10.0	Lumber DOL	1.15		BC	0.86	Vert(CT)		13-14	>999	240	M18AHS	142/136	
BCLL	0.0*	Rep Stress Incr	NO		WB	0.62	Horz(CT)	0.04	9	n/a	n/a			
BCDL	10.0	Code		3/TPI2014	Matrix-S		Wind(LL)		10-12		240	Weight: 228 lb	FT = 10%	
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SPF No.2 2x6 SP 2400F 2.0E No.2 2x4 SPF No.2 *Exce 2400F 2.0E Structural wood she 3-10-14 oc purlins, 2-0-0 oc purlins (5-2 Rigid ceiling directly bracing.	*Except* 11-9:2x6 Si apt* 15-2,9-7:2x6 SP eathing directly applie except end verticals, 2-3 max.): 4-5. r applied or 10-0-0 oc (req. 0-3-10), 15=0-3 4)	1) PF d or ²⁾ and	2-ply truss to (0.131"x3") n Top chords c oc, 2x6 - 2 rc Bottom chord staggered at Web connect All loads are except if note CASE(S) sec provided to d unless othern Unbalanced this design.	be connected to lails as follows: connected as folloc wws staggered at ds connected as fol- 0-9-0 oc. ted as follows: 2x considered equa da as font (F) or ction. Ply to ply co listribute only load wise indicated. roof live loads ha 7-16; Vult=115m	ws: 2x4 - 0-9-0 oc. follows: 2 4 - 1 row Ily applied back (B) fornection ds noted we been of ph (3-sec	th 10d 1 row at 0-6- x6 - 2 rows at 0-9-0 oc. d to all plies, face in the LC s have been as (F) or (B), considered fo xond gust)	-0 DAD ır	14) Use Tru 0-7 bac 15) Fill LOAD (1) De Pl Ur	Simpso ss) or ec- 4 from 1 k face o all nail h CASE(S ead + Ro ate Incre biform Lo Vert: 1- 9-15=-2 oncentra Vert: 16 19=-814	on Stro quivale the left f botto loles w) Sta of Live ease=1 bads (II 2=-70, 0 tted Lo i=-820 4 (B), 2	Ing-Tie HUS26 (nt spaced at 2-0 end to 18-7-4 to m chord. there hanger is i ndard e (balanced): Lu .15 b/ft) 2-4=-70, 4-5=-7 ads (lb) (B), 17=-814 (B)	(14-10d Girder, 4-10) -0 oc max. starting o connect truss(es) n contact with lumb mber Increase=1.1 (0, 5-7=-70, 7-8=-70)), 18=-814 (B), 798 (B), 22=-736	9 at to ber. 5, 0,
	Max Uplift 9=-661 (L Max Grav 9=4599 (L (lb) - Maximum Com	LC 9), 15=-535 (LC 8) LC 17), 15=5438 (LC		II; Exp C; En cantilever lef	n; TCDL=6.0psf; I closed; MWFRS t and right expose d; Lumber DOL=1	(envelope ed ; end v	e) exterior zor vertical left an	ne; Id			- ()/		()	
TOP CHORD	Tension 1-2=0/30, 2-3=-8122 4-5=-5766/715, 5-6= 6-7=-7864/1058, 7-8 7-9=-3821/569	-6339/748,	7) 57,	All plates are This truss ha chord live loa	quate drainage to MT20 plates unl is been designed ad nonconcurrent	ess other for a 10.0 with any	wise indicate) psf bottom other live loa	d. ds.						
BOT CHORD	14-15=-300/2437, 13 12-13=-568/5820, 10 9-10=-308/1990	0 - 12 = -916/7209	8)	on the botton 3-06-00 tall b	has been designe in chord in all area by 2-00-00 wide w by other members	as where vill fit betv	a rectangle	•				IN IN	GARO	
WEBS NOTES	3, 14 = 12/1467, 3, 15 4, 3=, 118/2189, 44 5,12=-254/2198, 6,1 6-10=-191/1228, 2-1 7, 10=-612/5258	3-1817/206, 12=-184/207, 12=-1522/413, 14=-455/5088, A	10 11	WARNING: F greater than) All bearings a) Provide mech bearing plate 15 and 661 ll) This truss is	Notifier members Required bearing input bearing size are assumed to b hanical connection capable of withs b uplift at joint 9. designed in acco Residential Code	size at jo e. e SPF No on (by oth standing 5 rdance w	5.2 . ers) of truss t i35 lb uplift at ith the 2018	joint			WILLIN.	PHO 16	952	111111
	D. E-200016	2101	13	R802.10.2 ar) Graphical pu	nd referenced sta rlin representatio ation of the purlin	ndard AN n does no	ISI/TPI 1. ot depict the s					ESSION	VAL ENGINE	

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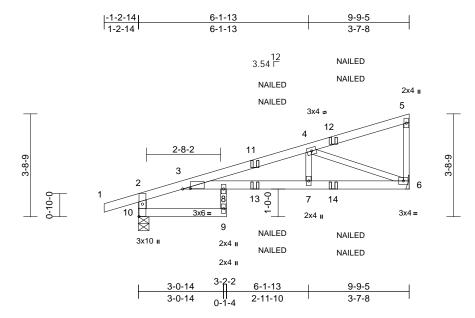
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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J1	Diagonal Hip Girder	1	1	Job Reference (optional)	165649861

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:06 ID:dG0iOW3pJpmEhN6uC4GNTTyKuaN-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:41.6

Plate Offsets (X, Y): [3:0-3-6,0-0-3], [10:0-5-6,0-1-8]

Loading (psf) ICLL (roof) 25.0 ICDL 10.0 SCLL 0.0* SCDL 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 NO IRC2018/TPI2014	CSI TC BC WB Matrix-S	0.66 0.81 0.47	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	in -0.14 -0.27 0.15 0.15	(loc) 7-8 7-8 6 7-8	l/defl >795 >427 n/a >749	L/d 360 240 n/a 240	PLATES MT20 Weight: 33 lb	GRIP 197/144 FT = 10%
UMBER OP CHORD 2x4 SPF 2100F 1. OT CHORD 2x4 SPF No.2 /EBS 2x3 SPF No.2 *Ext RACING OP CHORD Structural wood sh 5-10-6 oc purlins, OT CHORD Rigid ceiling direct bracing. EACTIONS (size) 6= Mecl Max Horiz 10=137 Max Uplift 6=-115 Max Grav 6=564 (ORCES (b) - Maximum Co Tension OP CHORD 2-10=-609/187, 1-: 3-4=-1244/246, 4-1	E ept* 10-2:2x4 SPF N eathing directly applie except end verticals. y applied or 10-0-0 or anical, 10=0-4-9 (LC 5) LC 8), 10=-155 (LC 4 C 1), 10=607 (LC 1) npression/Maximum =0/27, 2-3=-205/7, =-108/29, 5-6=-84/38 /1189, 7-8=-261/118 64/306, 4-7=0/341 h (3-second gust) DDL=6.0psf; h=25ft; (envelope) exterior zor j; end vertical left an 60 plate grip DOL=1. or a 10.0 psf bottom vith any other live loa for a live load of 20.0 where a rectangle I fit between the botto SPF No.2 . iss connections. (by others) of truss t	7) This truss i Internation: R802.10.2 ed or c) 2 8) "NAILED" i (0.148"x3.2 ed or f) In the LOA of the truss c LOAD CASE(5 1) Dead + R Plate Incr Uniform L Vert: 1: Concentr Vert: 12 14=-99 8 9, Cat. he; d f Som	s designed in acco al Residential Cod and referenced sta ndicates 3-10d (0. 5") toe-nails per N D CASE(S) sectior are noted as front	e sections andard AN 148"x3") c IDS guidli n, loads al : (F) or ba): Lumber 10=-20, 6	ith the 2018 is R502.11.1 i SI/TPI 1. or 2-12d nes. oplied to the ck (B). Increase=1. -8=-20	and face 15,	7-0			DE D	MISSOUP AN ICLA BER 162101

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not Design value for use only with with every connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI Quality Criteria, 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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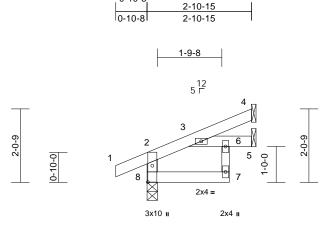
Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J2	Jack-Open	2	1	Job Reference (optional)	165649862

-0-10-8

Wheeler Lumber, Waverly, KS - 66871,

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:06 ID:vACWIbIEiyMyAxyqfQe7ZhyKucf-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1







Scale = 1:32.1

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

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	0.08	Vert(LL)	0.00	3	>999	360	MT20	197/144
TCDL		10.0	Lumber DOL	1.15	BC	0.07	Vert(CT)	0.00	3-6	>999	240		
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-R		Wind(LL)	0.00	3	>999	240	Weight: 10 lb	FT = 10%
-	-				-							-	
LUMBER					designed in accord								
TOP CHORE					Residential Code s			nd					
BOT CHORE			pt* 7-6:2x3 SPF No.2	-	nd referenced stand	Jaru Ar	151/TPL1.						
WEBS	2x4 SPF No.2	2		LOAD CASE(S)	Standard								
BRACING													
TOP CHORE			athing directly applied	d or									
BOT CHORE			except end verticals. applied or 6-0-0 oc										
BUICHURL	bracing.	directly	applied of 6-0-0 oc									anni l	Un.
REACTIONS	5	Mecha	nical, 5= Mechanical									Nº OF	MISS
	()	:0-3-8	inical, o moonamoa	,								XE.	
	Max Horiz 8=	53 (LC	8)								-	74	
	Max Uplift 4=	-30 (LC	8), 5=-2 (LC 8), 8=-2	24							20	🤊 🖸 JUA	AN
		C 8)									24	GAR	
			1), 5=72 (LC 3), 8=2	16									
	· ·	C 1)									5-1		im E
FORCES	(Ib) - Maximu Tension	im Com	pression/Maximum								= 1	NUM	• 41.
TOP CHORE		1-2=0/3	27, 2-3=-69/0, 3-4=-2	1/21							-	C: E-20001	62101
BOT CHORE	,		2, 3-6=-25/16, 5-6=0/								1	A	
NOTES			_, , , ,	-								1.000	
	SCE 7-16; Vult=1	15mnh	(3-second quist)									ON	ALEIN
			DL=6.0psf; h=25ft; C	at.								INTERNAL DE LA COMPANY	un.
			velope) exterior zone										
cantileve	r left and right ex	xposed	; end vertical left and										
			0 plate grip DOL=1.6	0								NAU	ARCI
			a 10.0 psf bottom									N STOF	NSA
			th any other live load										ED
			or a live load of 20.0p	ost							-		1.2
			where a rectangle fit between the bottor	n								1 100	
	d any other mer			11								: 16	952 : -
	ngs are assumed		SPE No 2								-	D	
	girder(s) for trus										-	D.	h !!!!
			by others) of truss to									- An AA	SAS
			nding 24 lb uplift at joi									1.50	NG'N
8, 30 lb ι	uplift at joint 4 an	d 2 lb u	plift at joint 5.									I, ON	ALEN
												111	IIIII.
												Mos	1 20 2024

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CTION **VIEW** DEVELOPMENT SERVICES LEE'S'SUMMIT'SMISSOURI 11/05/2024 5:06:27

May 20,2024

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J3	Jack-Open	2	1	Job Reference (optional)	165649863

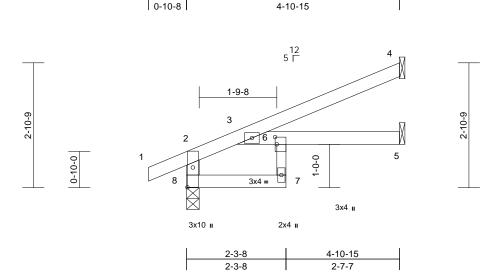
4-10-15

-0-10-8

Wheeler Lumber, Waverly, KS - 66871,

Run: 8,73 S Apr 25 2024 Print: 8,730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:06 ID:c5olr0QWL1dXNUjIEWpTzoyKucV-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f





Scale	- '	1.26	6	

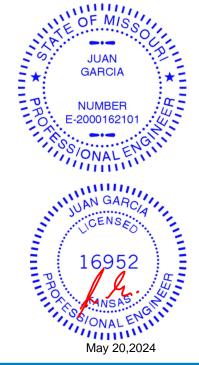
Plate Offsets (X, Y): [6:0-2-0.0-0-8], [8:0-5-8.0-1-8]

	, , , , , [0.0-2-0,0-0-0],	[0.0-0-0,0-1-0]										
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	0.26	Vert(LL)	-0.03	5-6	>999	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.28	Vert(CT)	-0.06	5-6	>984	240		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.03	5	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-R		Wind(LL)	0.03	5-6	>999	240	Weight: 15 lb	FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS BRACING	2x4 SPF No.2 2x4 SPF No.2 *Exce 2x4 SPF No.2	pt* 7-6:2x3 SPF No	Internationa	s designed in ac al Residential Co and referenced) Standard	ode sections	R502.11.1 a						

Structural	wood sheathing directly applied or
4-10-15 o	c purlins, except end verticals.
Rigid ceili	ng directly applied or 6-0-0 oc
bracing.	
(size)	4= Mechanical, 5= Mechanical,
	8=0-3-8
Max Horiz	8=87 (LC 8)
Max Uplift	4=-61 (LC 8), 8=-30 (LC 8)
Max Grav	4=133 (LC 1), 5=97 (LC 3), 8=305
	(LC 1)
(lb) - Max	imum Compression/Maximum
Tension	
2-8=-293/	58, 1-2=0/27, 2-3=-153/0,
	4-10-15 o Rigid ceili bracing. (size) Max Horiz Max Uplift Max Grav (lb) - Max Tension

3-4=-49/41 BOT CHORD 7-8=-46/76, 6-7=-4/46, 3-6=-76/46, 5-6=0/0 NOTES

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom 2)
- chord live load nonconcurrent with any other live loads. 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- All bearings are assumed to be SPF No.2 . 4)
- Refer to girder(s) for truss to truss connections. 5)
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 8 and 61 lb uplift at joint 4.



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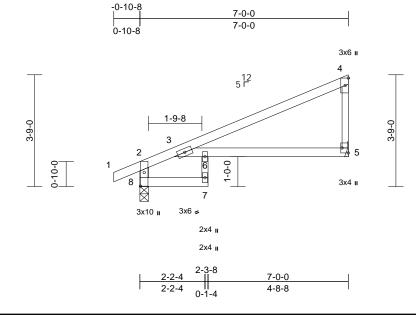
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 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE.
 Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not 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	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J4	Jack-Closed	4	1	Job Reference (optional)	165649864

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:J1P4yRYn_6u6a0Ugqd?pNvyKucL-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f





Scale = 1:38.7

Plate Offsets (X, Y): [5:Edge.0-2-8], [8:0-5-8.0-1-8]

	∧, 1). [0.∟ugc,0 2 0],	[0.0 0 0,0 1 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	тс	0.57	Vert(LL)	-0.11	5-6	>768	360	MT20	197/144	
TCDL	10.0	Lumber DOL	1.15	BC	0.49	Vert(CT)	-0.21	5-6	>386	240			
BCLL	0.0*	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.11	5	n/a	n/a			
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-R		Wind(LL)	0.11	5-6	>709	240	Weight: 22 lb	FT = 10%	
LUMBER TOP CHORD BOT CHORD WEBS BRACING	2x4 SPF No.2 2x4 SPF No.2 2x3 SPF No.2 *Exce	pt* 8-2:2x4 SPF No.2	International R802.10.2 a	designed in a Residential C nd referenced Standard	ode sections	R502.11.1 a	and						

BRACING		
TOP CHORD	Structural	wood sheathing directly applied or
	6-0-0 oc p	ourlins, except end verticals.
BOT CHORD	Rigid ceili	ng directly applied or 10-0-0 oc
	bracing.	
REACTIONS	(size)	5= Mechanical, 8=0-3-8
	Max Horiz	8=138 (LC 5)
	Max Uplift	5=-74 (LC 8), 8=-63 (LC 8)
	Max Grav	5=298 (LC 1), 8=381 (LC 1)
FORCES	(lb) - Max	imum Compression/Maximum
	Tension	
TOP CHORD	2-8=-384/	96, 1-2=0/27, 2-3=-165/0,
	3-4=-136/	13, 4-5=-192/84
BOT CHORD	7-8=0/0, 3	3-6=-31/66, 5-6=-31/66
WEBS	6-7=-13/5	0

NOTES

- Wind: ASCE 7-16; Vult=115mph (3-second gust) 1) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom 2) chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf 3) on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- All bearings are assumed to be SPF No.2 . 4)
- Refer to girder(s) for truss to truss connections. 5)
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 8 and 74 lb uplift at joint 5.

MIS 0 Wint PRUM JUAN GARCIA NUMBER F 2000162101 C JONAL JUAN GARC LICENSE 16C G 40000 May 20,2024 EL ORMENT SERVICES

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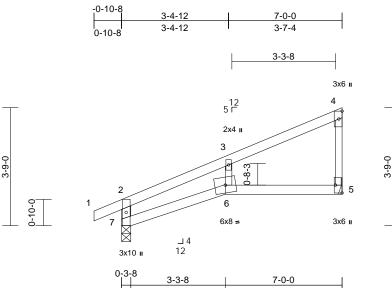
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TION

 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	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J5	Jack-Closed	9	1	Job Reference (optional)	165649865

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:9Gt2UkRCZrCcSO8u99KAMVyKubB-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f Page: 1



 3-3-8
 7-0-0

 3-0-0
 3-8-8

Scale = 1:36.6

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

	, i): [0:Edg0,0 2 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	0.54	Vert(LL)	-0.15	6	>536	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.38	Vert(CT)	-0.27	6	>302	240		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.09	5	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2	014 Matrix-R		Wind(LL)	0.16	6	>511	240	Weight: 21 lb	FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD	2x4 SPF No.2 2x4 SPF No.2 2x3 SPF No.2 *Exce Structural wood she 6-0-0 oc purlins, ex	athing directly applie	bear 7 an 2 8) This Inter ed or R80 LOAD C	ide mechanical conne ing plate capable of w d 74 lb uplift at joint 5. truss is designed in a national Residential C 2.10.2 and referenced ASE(S) Standard	ithstanding 6 ccordance w ode sections	3 lb uplift at ith the 2018 8 R502.11.1 a	joint					
BOT CHORD	Rigid ceiling directly bracing.	applied or 10-0-0 or	0									1111.
REACTIONS	Max Horiz 7=139 (LC Max Uplift 5=-74 (LC Max Grav 5=298 (LC	C 8), 7=-63 (LC 8) C 1), 7=381 (LC 1)								in in	ZP JU GAF	
FORCES	(lb) - Maximum Corr Tension	pression/Maximum								= *	GAF	
TOP CHORD	2-7=-324/71, 1-2=0/	27, 2-3=-178/0,										
	3-4=-105/23, 4-5=-1									=7	NUM	BER :
BOT CHORD	6-7=-40/82, 5-6=-38	/87									C: E-2000	162101
WEBS	3-6=-31/83									1	A	
Vasd=91rr II; Exp C; I cantilever right expos 2) This truss chord live 3) * This truss	CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC Enclosed; MWFRS (er left and right exposed sed; Lumber DOL=1.6 has been designed fo load nonconcurrent wi s has been designed f tom chord in all areas	DL=6.0psf; h=25ft; (nvelope) exterior zor ; end vertical left an. 0 plate grip DOL=1.6 r a 10.0 psf bottom th any other live load or a live load of 20.0	ne; d 60 ds.								ICE	GARCIA NSEO
	Il by 2-00-00 wide will any other members.	fit between the botto	om								16	952

- 4) All bearings are assumed to be SPF No.2 .
- 5) Refer to girder(s) for truss to truss connections.
- Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J6	Jack-Open	2	1	Job Reference (optional)	165649866

3-4-12

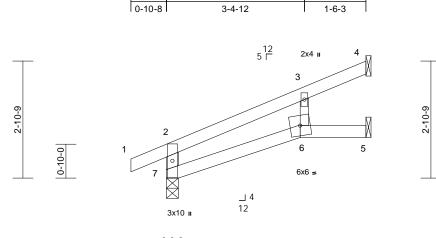
-0-10-8

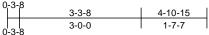
Wheeler Lumber, Waverly, KS - 66871,

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:kyjLQXc_G8zd8YCa_5aSxSyKuaz-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

4-10-15







Scale = 1:28.4

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-P	0.18 0.22 0.02	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	in -0.03 -0.05 0.02 0.04	(loc) 6-7 6-7 4 6-7	l/defl >999 >999 n/a >999	L/d 360 240 n/a 240	PLATES MT20 Weight: 14 lb	GRIP 197/144 FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SPF No.2 *Exce 1.8E 2x4 SPF No.2 *Exce Structural wood she 4-10-15 oc purlins, a Rigid ceiling directly bracing. (size) 4= Mecha	pt* 6-5:2x4 SPF 210 pt* 6-3:2x3 SPF No. athing directly applic except end verticals	00F 7) 2 d or 8)	using ANSI/I designer sho Provide mec bearing plate 7, 45 lb uplift This truss is International	int(s) 7 considers PI 1 angle to gra uld verify capaci hanical connection capable of withs at joint 4 and 200 designed in accc Residential Cod- nd referenced sta Standard	in formula ty of beari on (by oth standing 3 b lb uplift a ordance w e sections	a. Building ing surface. ers) of truss f 87 lb uplift at j at joint 5. ith the 2018 8 R502.11.1 a	to joint				NE OF	MISSOL
	7=0-3-8 Max Horiz 7=86 (LC Max Uplift 4=-45 (LC (LC 8) Max Grav 4=122 (LC (LC 1)	8), 5=-20 (LC 8), 7=									·····*	JU, GAR	
FORCES	(lb) - Maximum Com Tension 2-7=-227/52, 1-2=0/2										PH	NUM	• []].
BOT CHORD WEBS NOTES	3-4=-23/43											KSSION	ALENGIN
Vasd=91m II; Exp C; I cantilever	nph; TCDL=6.0psf; BC Enclosed; MWFRS (er left and right exposed	DL=6.0psf; h=25ft; (velope) exterior zor ; end vertical left and	ie; d									III JUAN	GARCIA
 This truss chord live This trus This trus on the bot 3-06-00 ta 	sed; Lumber DOL=1.6 has been designed for load nonconcurrent wi s has been designed f tom chord in all areas il by 2-00-00 wide will any other members.	a 10.0 psf bottom th any other live load or a live load of 20.0 where a rectangle	ds. psf								WILLIN .	The	952
4) All bearing	any other memoers. gs are assumed to be \$ irder(s) for truss to tru:											OK STON	VSAS CALLENGIN

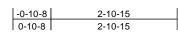
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use,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

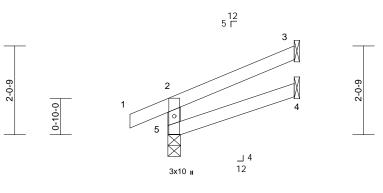


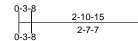
Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J7	Jack-Open	2	1	Job Reference (optional)	165649867

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:djzrFufVKNT3c9WLDxfO5lyKuav-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1







Scale = 1:26.6

Ocale = 1.20.0												
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	4-5	>999	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	-0.01	4-5	>999	240		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-R		Wind(LL)	0.00	4-5	>999	240	Weight: 9 lb	FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SPF 2100F 1.8E 2x4 SPF No.2 2x4 SPF No.2 Structural wood she 2-10-15 oc purlins, Rigid ceiling directly bracing.	athing directly appli except end verticals	8) This truss Internatio R802.10.2 LOAD CASE ed or	is designed in acc nal Residential Co 2 and referenced s	de sections	ith the 2018 R502.11.1			2000	240		1111,
	5=0-3-8 Max Horiz 5=53 (LC Max Uplift 3=-46 (LC Max Grav 3=81 (LC (LC 1)	5) 2 8), 5=-29 (LC 8)								111		MISSOLAN AN
FORCES	(IC T) (Ib) - Maximum Corr	nression/Maximum								E+	GAF	
TONOLO	Tension	pression/maximum										
TOP CHORD		27, 2-3=-46/24								= 7	NIL IN	IBER C
BOT CHORD	4-5=-19/12									= 5	•	• 41.
NOTES										-1	E-2000	102101
Vasd=91r II; Exp C; cantilever	CE 7-16; Vult=115mph mph; TCDL=6.0psf; BC Enclosed; MWFRS (er left and right exposed psed; Lumber DOL=1.6	DL=6.0psf; h=25ft; (nvelope) exterior zor ; end vertical left an	ne; Id								SS/ON	ALENGIN
	has been designed fo										111	
	load nonconcurrent wi		ds.								IL AN	GARC
on the bot 3-06-00 ta	ss has been designed f ttom chord in all areas all by 2-00-00 wide will any other members.	where a rectangle								WILLIN.	LICE	NSED
4) All bearing	gs are assumed to be	SPF No.2 .									10	050
	irder(s) for truss to tru									-	10	952
	t joint(s) 5 considers pa									-	P	
	SI/TPI 1 angle to grain should verify capacity o										0	MINE
	nechanical connection		0								- A	NSA
	late capable of withstar										1, SIO	VALEN IN
	lb uplift at joint 3.	5 (at j	-								1111	VAL
	-											20.2024

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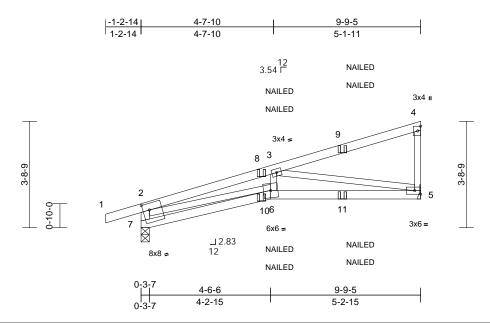
May 20,2024

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	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J8	Diagonal Hip Girder	1	1	Job Reference (optional)	165649868

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:StK7WyjFvDECK4zVZCloLZyKuap-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:40.3

Plate Offsets (X, Y): [7:0-2-12,0-2-12]

Plate Offsets ((A, T). [7.0-2-12,0-2-1	2]									-		
Loading TCLL (roof) TCDL BCLL BCDL LUMBER	(psf) 25.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code		de mechanical co				(loc) 5-6 5-6 5 5-6	l/defl >999 >669 n/a >999	L/d 360 240 n/a 240	PLATES MT20 Weight: 35 lb	GRIP 197/144 FT = 10%	
TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SPF No.2 2x3 SPF No.2 *Exce Structural wood she 4-6-1 oc purlins, ex Rigid ceiling directly bracing.	athing directly applie cept end verticals. applied or 8-7-1 oc unical, 7=0-3-7 C 5) C 8), 7=-157 (LC 4) C 1), 7=578 (LC 1)	2 8) This: 1 Alternation (1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	ng plate capable c 154 lb uplift at joi russ is designed i national Residentia 10.2 and reference ED" indicates 3-1 8"x3.25") toe-nails 10.2 and reference truss are noted a ASE(S) Standard d + Roof Live (bal e Increase=1.15 orm Loads (lb/ft)	of withstanding 1 nt 5. n accordance w al Code sections ced standard AN Od (0.148"x3") (per NDS guidli section, loads a s front (F) or ba anced): Lumber	157 lb uplift a state to the 2018 state and	it joint and face			un.	ALE OF JUJ		
TOP CHORD BOT CHORD WEBS NOTES 1) Wind: ASK Vasd=91n II; Exp C; cantilever right expo 2) This truss chord live 3) * This trus	Tension 2-7=-577/205, 1-2=0 3-4=-144/27, 4-5=-1 6-7=-166/246, 5-6=- 2-6=-311/1219, 3-6= CE 7-16; Vult=115mph mph; TCDL=6.0psf; BC Enclosed; MWFRS (er left and right exposed sed; Lumber DOL=1.6 has been designed for load nonconcurrent wiss has been designed for	//27, 2-3=-1555/405, 78/68 450/1410 39/313, 3-5=-1379/ (3-second gust) DL=6.0psf; h=25ft; C ivelope) exterior zon ; end vertical left and 0 plate grip DOL=1.6 r a 10.0 psf bottom th any other live load or a live load of 20.0	Cor V 1433 Cat. le; d 50 ds.	ert: 1-2=-70, 2-4= centrated Loads (ert: 9=-47 (F=-24, 1=-107 (F=-53, B=	lb) B=-24), 10=-5 (* Philip	NUM E-2000 SS/ON	BER	
 3-06-00 ta chord and 4) All bearing 5) Refer to g 6) Bearing at using ANS 	ttom chord in all areas all by 2-00-00 wide will d any other members. gs are assumed to be 3 girder(s) for truss to trus t joint(s) 7 considers pa SI/TPI 1 angle to grain should verify capacity of	fit between the botto SPF No.2 . as connections. arallel to grain value formula. Building	m							THINKS.	- AR SION	952 VSA9 VAL ENGINE V20,2024	WITH THE

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) ELEASE FOR CONSTRUCTION S NOTED ON PLANS REVIEW DEVELORMENT SERVICES

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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J9	Diagonal Hip Girder	2	1	Job Reference (optional)	165649869

5-6-6

5-6-6

5-6-6

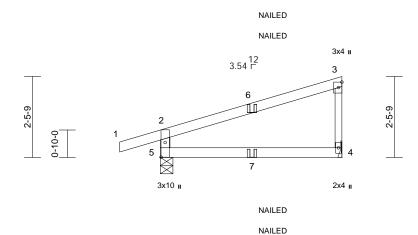
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1-2-14

Wheeler Lumber, Waverly, KS - 66871,

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:C7gOBaByKDEkR5j?HNPI1OzFtbN-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:35.1

Plate Offsets (X, Y): [5:0-5-6,0-1-8]

Plate Olisets (/	A, T). [5.0-5-6,0-T-6]				-							
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 NO IRC2018/TPI2014	CSI TC BC WB Matrix-R	0.40 0.25 0.00	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	in -0.03 -0.06 0.00 0.01	(loc) 4-5 4-5 4 4-5	l/defl >999 >991 n/a >999	L/d 360 240 n/a 240	PLATES MT20 Weight: 16 lb	GRIP 197/144 FT = 10%
	5-6-6 oc purlins, ex Rigid ceiling directly bracing.	eathing directly applie cept end verticals. r applied or 10-0-0 or anical, 5=0-4-9 5) 5 applied or 10-0-0 or 5) 5 applied or 10-0-0 or 5 applied of the	(0.148". 9) In the L of the tr LOAD CAS ed or 1) Dead Plate I c Unifor Ver Conce	D" indicates 3-10d (0. (3.25") toe-nails per N OAD CASE(S) sectio uss are noted as fron E(S) Standard + Roof Live (balancec ncrease=1.15 m Loads (lb/ft) :: 1-2=-70, 2-3=-70, 4 ntrated Loads (lb) :: 7=3 (F=1, B=1)	NDS guidli n, loads a t (F) or ba l): Lumbei	nes. oplied to the f ck (B).					ALE OF	MISSOUR
FORCES	(lb) - Maximum Corr	,. ,								=+	GAR	
	Tension 2-5=-305/141, 1-2=0 3-4=-161/72	0/27, 2-3=-128/14,								I PP	NUM	• 41.
BOT CHORD NOTES	4-5=-26/50										E-2000	162101
 Wind: ASC Vasd=91m II; Exp C; E cantilever I right expos This truss f chord live I 3) * This truss on the botto 3-06-00 tal chord and a All bearings Refer to gire bearing pla 5 and 49 lb 	E 7-16; Vult=115mph ph; TCDL=6.0psf; BC Enclosed; MWFRS (er eft and right exposed ed; Lumber DOL=1.6 has been designed fo oad nonconcurrent w s has been designed fo om chord in all areas l by 2-00-00 wide will any other members. s are assumed to be s rder(s) for truss to trus echanical connection ate capable of withstar o uplift at joint 4.	SDL=6.0psf; h=25ft; (nvelope) exterior zor ; end vertical left an io plate grip DOL=1.4 r a 10.0 psf bottom ith any other live load for a live load of 20.0 where a rectangle fit between the botto SPF No.2 . ss connections. (by others) of truss to nding 103 lb uplift at	ne; d 60 ds. Jpsf om o							N. CHINE	PRO TA	GARCIA NSEO 952
Internationa	is designed in accorda al Residential Code s and referenced stand	ections R502.11.1 a	nd								S/ON May	VAL ENGIN

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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 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 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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May 20,2024

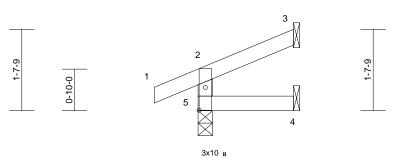
Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J10	Jack-Open	4	1	Job Reference (optional)	165649870

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:g2iLq6_w5ID?WeVwL07XO0zFtbd-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1





1-10-15



Scale = '	1:23.1
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Plate Offsets (X, Y): [5:0-5-8,0-1-8]

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	0.07	Vert(LL)	0.00	4-5	>999	360	MT20	197/144
TCDL	10.0	Lumber DOL	1.15 YES	BC WB	0.02	Vert(CT)	0.00	4-5	>999	240		
BCLL BCDL	0.0* 10.0	Rep Stress Incr Code	IRC2018/TPI2014	Matrix-R	0.00	Horz(CT) Wind(LL)	0.00 0.00	3 4-5	n/a >999	n/a 240	Weight: 6 lb	FT = 10%
_		0000					0.00		1000	2.0	troigini o io	
				s designed in acco al Residential Cod			nd					
TOP CHORD BOT CHORD				and referenced sta			inu					
WEBS	2x4 SPF No.2 2x4 SPF No.2		LOAD CASE(S			00/1111.						
BRACING	2.4 011 110.2											
TOP CHORD	Structural wood she	athing directly applie	ed or									
	1-10-15 oc purlins,	0 7 11										
BOT CHORD	0 0 7	applied or 10-0-0 o	C									111.
	bracing.										IN OF	MIS
REACTIONS		anical, 4= Mechanica	al,								NE	Sol
	5=0-3-8 Max Horiz 5=41 (LC	5)								1	18	
	Max Uplift 3=-29 (LC	,								20	JU,	AN
	Max Grav 3=44 (LC		171							Ξ.	GAF	
	(LC 1)	.,, (,, .								= *	:	:*=
FORCES	(lb) - Maximum Corr	pression/Maximum								Ξ_		
	Tension									= 7	NUM	IBER :
TOP CHORD	,	27, 2-3=-32/12									C. E-2000	162101
BOT CHORD	4-5=0/0									1		
NOTES		(2 accord suct)									1.80	
	CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC		C at								ON N	ALEIN
	Enclosed; MWFRS (er											un.
	left and right exposed											110
	sed; Lumber DOL=1.6		60									GAD
	has been designed fo										NAU	CAACIA
	load nonconcurrent wi										S CE	NSA
	ss has been designed f ttom chord in all areas		ipsi							-		10
	all by 2-00-00 wide will		om							-	1	1 2
	any other members.										UCE	952
	-	-									• • • • • • • • • • • • • • • • • • • •	

- 4) All bearings are assumed to be SPF No.2 .
- 5) Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 32 lb uplift at joint 5 and 29 lb uplift at joint 3.

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, and DSB-22 available from Truss Plate Institute (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcscomponents.com) 11/05/2024 5:06:288

S/ONAL ENGINI

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	J11	Jack-Open	8	1	Job Reference (optional)	165649871

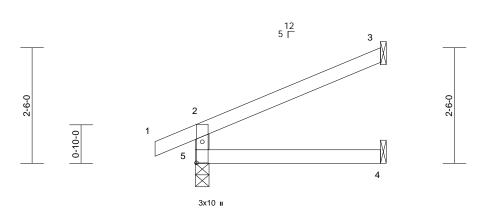
Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:dRq5Fn0AdwTjlxfJTQ9?TRzFtbb-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f





CTION VIEW

DEVELORMENT: SERVICES LEE'S SUMMIT, MISSOURI 11/05/2024 5:06:28



4-0-0

Scale = 1:24.9

Loading (pd) Spacing 2-0-0 CSI DEF in (loc) Idde Ld DeF PLATES GRIP TCLL 100 100 Plane Bing DOL 1.15 BCL 0.00 Veri(C1) 0.01 4.5 >999 360 MT20 197/144 BCL 100 Code RC2018/TPI2014 Mamix-R 0.00 Hord (C1) 0.01 4.5 >999 260 MT20 197/144 BCL 100 Code RC2018/TPI2014 Mamix-R 0.00 Hord (C1) 0.01 4.5 >999 260 MT20 197/144 BCL 100 Code RC2018/TPI2014 Mamix-R 0.00 Hord (C1) 0.01 4.5 >999 260 MT20 197/144 UDMEER TCC TCC RC2018/TPI2014 Mamix-R 0.00 Hord (C1) 4.00 Deptinis, except end vericals. ICAD CASE(S) Standard Hord (C1) ASE/TPI (C2) Standard RC2010.2 Standard ASE/TPI (C1) Hord (C1) Standard Hord (C1) ASE (C1) ICAD (C	TCLL (rod) 25.0 Piake Grip DOL 1.15 TC 0.02 Verify 0.01 1.15 C.0.1 0.01 Verify 0.00 Verify Verify 0.01 Verify Verify 0.01 Verify 0.01 Verify Verify 0.01 Verify Verify 0.01 Verify Verify 0.01 Verify	Plate Offsets (X	(, Y): [5:0-5-8,0-1-8]	_									-	
LUMBER TOP CHORD 2x4 SPF No.2 BOT CHORD 2x4 SPF No.2 BOT CHORD 2x4 SPF No.2 WEBS 2x4 SPF No.2 BRACING FOR CHORD GTO CHORD Structural wood sheathing directly applied or 4-0-0 or purine, except end verticals. BOT CHORD Structural wood sheathing directly applied or 4-0-0 or purine, except end verticals. BOT CHORD Structural wood sheathing directly applied or 4-0-0 or purine, except end verticals. BOT CHORD Structural wood sheathing directly applied or 4-0-0 or purine, except end verticals. BOT CHORD Size 2071 (LC 8). Max Horiz 5-571 (LC 8). Size 2071 (LC 1). Max Floriz 5-571 (LC 1). Size 2071 (LC 1). Max Floriz 5-571 (LC 8). Size 2071 (L 2). Max Floriz 5-571 (LC 1). Size 2071 (L 2). PO CHORD 2-63-28 Max Floriz 5-571 (L 2). Mix Floriz 5-571 (L 2). Size 2071 (L 2). PO CHORD 2-63-28 Max Floriz 5-571 (L 2). Mix Horiz 5-571 (L 2). Size 2071 (L 2). PO CHORD 2-63-28 Max Floriz 5-571 (L 2). NUMBER Tot Tist task as been designed for a 10-0.0 pt tot tot task on the purposed : end vertical test and thy the purposed : end vertical test and thy the purposed : end verti	LUMBER TOP CHORD 2x4 SPF No.2 BOT CHORD 2x4 SPF No.2 BRACING Read-and Feferenced standard ANS//TP1. WEBS 2x4 SPF No.2 BRACING Structural wood sheathing directly applied or 4-0-00 cputines, except end verticals. BOT CHORD Structural wood sheathing directly applied or 4-0-00 cputines, except end verticals. BOT CHORD Structural wood sheathing directly applied or 4-0-00 cputines, except end verticals. BOT CHORD Structural wood sheathing directly applied or 4-0-00 cputines, except end verticals. BOT CHORD Structural wood sheathing directly applied or 4-0-00 cputines. BOT CHORD Structural wood sheathing directly applied or 4-0-00 cputines. BOT CHORD Structural wood sheathing directly applied or 4-0-00 cputines. BOT CHORD Structural wood sheathing directly applied or 10-0-0 applied. Max Horiz S-71 (LC 8). Structural wood sheathing directly applied or 10-0 TOP CHORD Vibra tabsend esigned is and vertice. Structural wood sheathing of the structural wood sheathing directly applied or 10-0 TOP CHORD 19 Wint: ASCE 7-16: Vult=115mph (3-second gust) NUMBER E-2000 162/101 10 Wasting as been designed for a 10-0 pot hotom chord and any other members. NUMBER E-2000 162/101 10 Thai truss has been designed for a 10-0 pot hotom chord	TCLL (roof) TCDL BCLL	25.0 10.0 0.0*	Plate Grip DOL Lumber DOL Rep Stress Incr	1.15 1.15 YES	TC BC WB	0.13	Vert(LL) Vert(CT) Horz(CT)	-0.01 -0.02 0.01	4-5 4-5 3	>999 >999 n/a	360 240 n/a	MT20	197/144
 (LC 1) FORCES (b) - Maximum Compression/Maximum Tension TOP CHORD 2-5=-220/71, 1-2=0/27, 2-3=-64/35 BOT CHORD 4-5=-00 NUMBER E-2000162101 Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; Cat. II: Exp (C: Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; cantilever left and right exposed; end vertical left and right exposed; 10.0 psf bottom chord ive load nonconcurrent with any other live loads. 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members. 4) All bearings are assumed to be SPF No.2. 5) Refer to girder(s) for truss to truss connections. 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 34 lb uplift at joint 3. 	 (LC 1) FORCES (b) - Maximum Compression/Maximum Tension TOP CHORD 2-5=-220/71, 1-2=0/27, 2-3=-64/35 BOT CHORD 2-5=-220/71, 1-2=0/27, 2-3=-64/35 BOT CHORD 2-5=-220/71, 1-2=0/27, 2-3=-64/35 BOT CHORD 4-5=0/0 NOTES NUMBER E-2000162101 Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed: MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; unmber DOL=1.60 2) This truss has been designed for a live load of 20.0psf on the bottom chord live load onoconcurrent with any other live loads. 3) * This truss has been designed for a live load of 20.0psf on the bottom chord and any other members. 4) All bearings are assumed to be SPF No.2. 3) Refer to girder(s) for truss to truss connections. 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 34 lb uplift at joint 3. 	TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD REACTIONS (2x4 SPF No.2 2x4 SPF No.2 Structural wood shea 4-0-0 oc purlins, exc Rigid ceiling directly bracing. size) 3= Mecha 5=0-3-8 Max Horiz 5=71 (LC Max Uplift 3=-62 (LC	cept end verticals. applied or 10-0-0 oc inical, 4= Mechanica 8) : 8), 5=-34 (LC 8)	Internationa R802.10.2 a LOAD CASE(S) ad or	I Residential Code and referenced sta	e sections	ith the 2018 8 R502.11.1 a	and			In the	TE OF	
		TOP CHORD BOT CHORD NOTES 1) Wind: ASCE Vasd=91mp II; Exp C; En cantilever le right expose 2) This truss h chord live lo 3) * This truss on the botto 3-06-00 tall chord and a 4) All bearings 5) Refer to girc 6) Provide men bearing plat	(lb) - Maximum Com Tension 2-5=-220/71, 1-2=0/2 4-5=0/0 E 7-16; Vult=115mph bh; TCDL=6.0psf; BC nclosed; MWFRS (er eft and right exposed ed; Lumber DOL=1.60 has been designed for bad nonconcurrent wi has been designed for bad nonconcurrent wi has been designed for by 2-00-00 wide will any other members. Is are assumed to be S der(s) for trust to trus chanical connection (te capable of withstar	27, 2-3=-64/35 (3-second gust) DL=6.0psf; h=25ft; C ivelope) exterior zon ; end vertical left and 0 plate grip DOL=1.6 r a 10.0 psf bottom th any other live load or a live load of 20.0 where a rectangle fit between the botto SPF No.2. ss connections. (by others) of truss to	ne; d 30 ds. psf om								NUM E-2000 SS/ON CE 16 PRO	BER 162101 ALENO SAS 952 HHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHHH

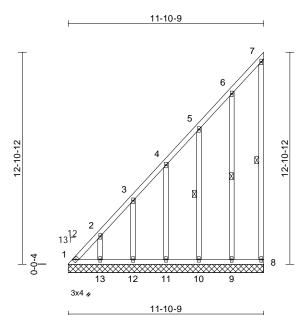
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use,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

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	LAY1	Lay-In Gable	2	1	Job Reference (optional)	165649872

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:MZAcFVhtTb32BG7DjwlPX8yKudR-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f

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Page: 1



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Scale = 1:70.1												
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	0.07	Vert(LL)	n/a	-	n/a	999	MT20	197/144
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.10	Horiz(TL)	0.00	8	n/a	n/a		
BCDL	10.0	Code	IRC2018/TPI2014	Matrix-S							Weight: 81 lb	FT = 10%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD WEBS REACTIONS	2x4 SPF No.2 2x4 SPF No.2 2x4 SPF No.2 2x4 SPF No.2 2x4 SPF No.2 Structural wood she 6-0-0 oc purlins, ex Rigid ceiling directly bracing. 1 Row at midpt (size) 1=11-10- 10=11-10 12=11-10 (size) 1=11-10- 10=11-10 10=10 10 10=10 10 10=10 10 10 10 10 10 10 10 10 10 10 10 10 1	eathing directly applied coept end verticals. / applied or 10-0-0 oc 7-8, 5-10, 6-9 9, 8=11-10-9, 9=11-1)-9, 11=11-10-9,)-9, 13=11-10-9 C 8), LC 6), 8=-49 (LC 8), LC 8), 10=-131 (LC 8) (LC 8), 12=-129 (LC 8) (LC 8), 8=75 (LC 15), 9 10=206 (LC 15), 11=2 12=205 (LC 15), 13=2	 2) Truss de only. Foi see Stan or consul 3) All plates 4) Gable red 4) Gable red 6) This trus chord live 7) * This tru on the bc 0-9, chord and 8) All bearin 9) Provide r bearing p 1, 49 lb u uplift at jc joint 10 a intermatic 207 	signed for wind load studs exposed to v dard Industry Gable t qualified building of are 2x4 MT20 unle quires continuous bo dos spaced at 2-0-0 s has been designed load nonconcurrer ss has been design ttom chord in all are all by 2-00-00 wide d any other member gs are assumed to nechanical connecti late capable of with plift at joint 8, 130 Ib joint 12, 129 Ib uplift nd 130 Ib uplift at joo s is designed in acco and referenced st (S) Standard	vind (norm End Deta designer a ss otherw ottom cho oc. d for a 10. ht with any ed for a 10. ht starth any ed for a 10. ht starth any ed pot at j at joint 11. ht 9. ht 9	al to the face iils as applica is per ANSI/TI ise indicated. d bearing. 0 psf bottom other live load e load of 20.1 a rectangle ween the botti o.2. iers) of truss i lo11 lb uplift at oint 13, 129 ll , 131 lb uplift ith the 2018 is R502.11.1 a), ble, PI 1. Dpsf om : joint o at				GAF	MISSOUR AN ICIA
FORCES	(lb) - Maximum Con Tension	npression/Maximum										nue.
TOP CHORD	4-5=-321/132, 5-6= 7-8=-61/57	-582/231, 3-4=-451/18 -190/93, 6-7=-70/37,									IN JUAN	GARCIA
BOT CHORD	9-10=0/0, 8-9=0/0	0, 11-12=0/0, 10-11=0	0/0,							-	ICE	NSED
WEBS	2-13=-162/147, 3-12 4-11=-165/153, 5-1	2=-166/155, 0=-166/154, 6-9=-169	9/156									\ <u>=</u>
Vasd=91r II; Exp C; cantilever	CE 7-16; Vult=115mph nph; TCDL=6.0psf; BC Enclosed; MWFRS (e left and right exposed DOL=1.60	CDL=6.0psf; h=25ft; C nvelope) exterior zone	e;							THE.	PROFILESSION	952 WALENGINI Y 20,2024

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)



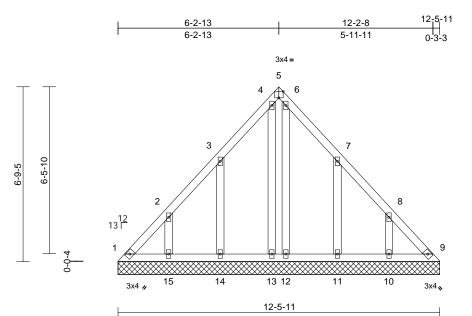
Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car	
Harmony - Craftsman	LAY2	Lay-In Gable	1	1	Job Reference (optional)	165649873

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:4YHmBtC9PK1DDe1R2sSIFJzFtce-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1

May 20,2024

DEVELOPMENT: SERVICES LEE'S'SUMMIT: MISSOURI 11/05/2024 5:06:28

TION



Scale = 1:44.7

Plate Offsets (X, Y): [5:Edge,0-3-0]

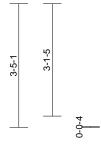
	(X, T). [0.20g0,0 0 0]		_			-							
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15		TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	197/144
TCDL	10.0	Lumber DOL	1.15		BC	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.06	Horiz(TL)	0.00	9	n/a	n/a		
BCDL	10.0	Code	IRC201	8/TPI2014	Matrix-S			-		-		Weight: 60 lb	FT = 10%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SPF No.2 2x4 SPF No.2 Structural wood she 6-0-0 oc purlins. Rigid ceiling directly bracing. (size) 1=12-5-1 13=12-5- 15=12-5- Max Horiz 1=-172 (L Max Uplift 1=-66 (LC 10=-130 (13=-18 (L 15=-130 (Max Grav 1=142 (LC 10=206 (L 12=108 (L	applied or 10-0-0 oc 1, 9=12-5-11, 10=12- 11, 12=12-5-11, 11, 14=12-5-11, 11 C 4) C 4) C 9)=-34 (LC 7), LC 9), 11=-137 (LC 8) LC 8)	5-11, 4; 6; 7, 7, 9), 9), 9] 16), 1 ⁽	Vasd=91mpi II; Exp C; En cantilever lei right expose Truss desig only. For stu see Standar or consult qu All plates are Gable studs This truss ha chord live loo * This truss ha chord live loo 3-06-00 tall h chord and ar All bearings O) Provide mec bearing plate 1, 34 lb uplif	7-16; Vult=115r n; TCDL=6.0psf; closed; MWFRS t and right exposed d; Lumber DOL= need for wind loan uds exposed to v d Industry Gable alified building of a 2x4 MT20 unle es continuous br spaced at 2-0-0 is been designe n chord in all are by 2-00-00 wide y other membel are assumed to hanical connecti a capable of with a ti pint 9, 130 II	BCDL=6.(S (envelope sed ; end v =1.60 plate ds in the pl vind (norm End Detai designer as sottom chor oc. d for a 10.(t with any ed for a 10.(t with any ed for a 10.(t with any ed for a liv be SPF No ion (by oth standing 6 b uplift at jo	bpsf; h=25ft; () exterior zor ertical left an grip DOL=1. ane of the tru- al to the face Is as applical se andicated. d bearing. 0 psf bottom other live loa e load of 20.0 e load of 20.0 ers) of truss t 6 lb uplift at ji pint 15, 137 lb	ne; d 60 siss s, bole, PI 1. ds. opsf opm				JU/ GAR NUM E-2000	BER
FORCES	(lb) - Maximum Com Tension	pression/Maximum	n/Maximum i										nn.
TOP CHORD				125/103, 3-4=-99/130, 79, 6-7=-73/101, R802 10 2 and referenced standard ANSI/TPL1								IN JUAN	GARCIA
BOT CHORD	1-15=-74/149, 14-15 13-14=-74/149, 12-1 11-12=-74/149, 10-1	3=-74/149,		UAD CA32(3)	Sidiluaru							LICE	NSED
WEBS	2-15=-161/148, 3-14 4-13=-100/35, 8-10= 7-11=-175/164, 6-12	-161/148,										P 16	952 _g
NOTES 1) Unbalanc this desig	ed roof live loads have n.	been considered for										OR TON	VAL ENGINE

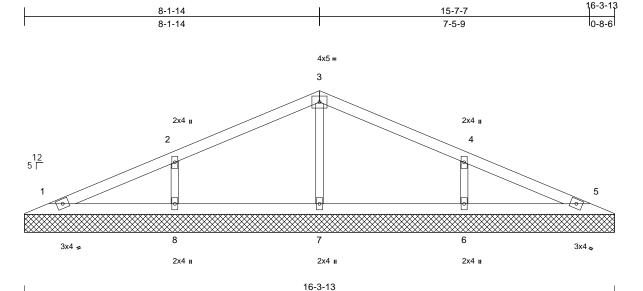
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Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car		
Harmony - Craftsman	V1	Valley	1	1	Job Reference (optional)	165649874	

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:07 ID:13ZU6YZTUFbZ6cRvzJS1fRzFtZb-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

:. Thu May 16 16:22:07 Page: 1 GKWrCDoi7J4zJC?f





Scale = 1:31.9

Ocale = 1.51.5															
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	0.19	· · ·	n/a	-	n/a	999	MT20	197/144		
TCDL	10.0	Lumber DOL	1.15		BC	0.09	Vert(TL)	n/a	-	n/a	999				
BCLL	0.0*	Rep Stress Incr	YES		WB	0.06	Horiz(TL)	0.00	5	n/a	n/a				
BCDL	10.0	Code	IRC2018/TI	PI2014	Matrix-S							Weight: 41 lb	FT = 10%		
	6-0-0 oc purlins. Rigid ceiling directly bracing. (size) 1=16-3-12 7=16-3-12 Max Horiz 1=-55 (LC Max Uplift 1=-10 (LC	9), 5=-12 (LC 9), 6=	oi 3 6 8) A 9) P b 5 1 1 1 1 1 1 1 1 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1	n the botton -06-00 tall b hord and an and bearings a Provide mecl earing plate , 12 lb uplift plift at joint (his truss is (hternational	designed in accor Residential Code nd referenced star	is where ill fit betw e SPF No n (by oth tanding 1 uplift at jo rdance w sections	a rectangle veen the botto o.2. o lb uplift at ju point 8 and 11 ith the 2018 is R502.11.1 a	o o oint I Ib			u.	IN E OF A	MISSOU		
	Max Grav 1=126 (LC	111 (LC 8) C 1), 5=126 (LC 1), 6 7=306 (LC 1), 8=398									E*	JUA GAR			
FORCES	(lb) - Maximum Com Tension	pression/Maximum									EPT	NUME	• 41.		
TOP CHORD	1-2=-73/51, 2-3=-87 4-5=-55/40	/82, 3-4=-87/69,										E-20001	62101		
BOT CHORD	1-8=0/43, 7-8=0/43,	6-7=0/43, 5-6=0/43									1	· · · · · · · · · · · · · · · · · · ·	GN		
WEBS	3-7=-229/39, 2-8=-3	10/156, 4-6=-310/15	6							ONALEN					
NOTES												1111	inn.		
 Unbalance this design Wind: ASC Vasd=91m 	d roof live loads have E 7-16; Vult=115mph ph; TCDL=6.0psf; BC Enclosed; MWFRS (er	(3-second gust) DL=6.0psf; h=25ft; C										JUAN C	ARCIA		

cantilever left and right exposed ; end vertical left and right exposed; 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,

a) Gable requires continuous bottom chord bearing.

5) Gable studs spaced at 4-0-0 oc.

 This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 16952 TONAL ENGINE May 20,2024

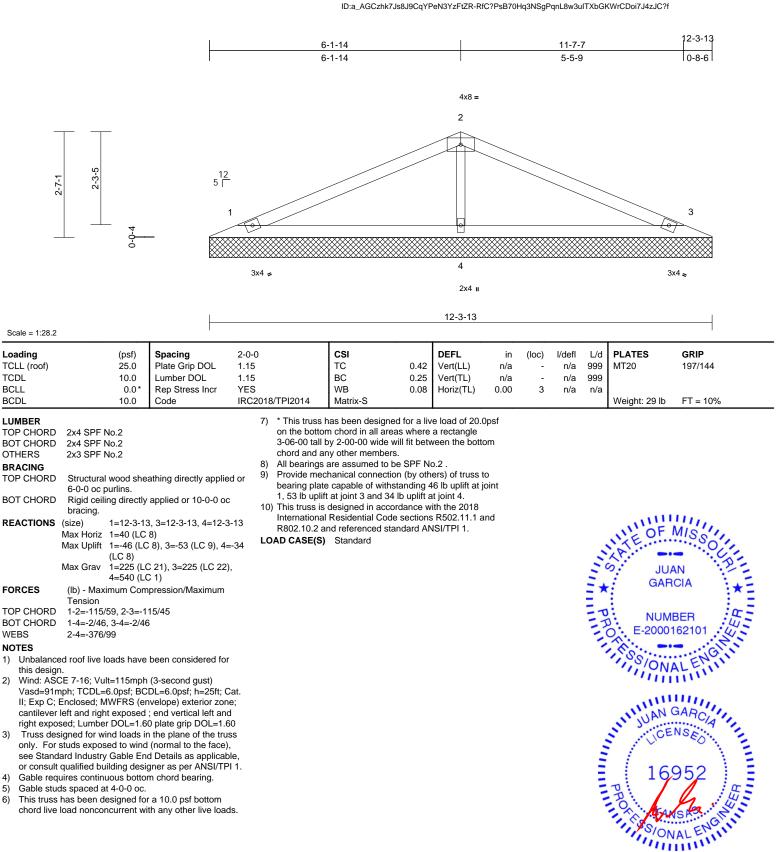
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use,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



Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car		
Harmony - Craftsman	V2	Valley	1	1	Job Reference (optional)	165649875	

Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:08

Page: 1



Gable requires continuous bottom chord bearing.

Gable studs spaced at 4-0-0 oc. 5)

2)

3)

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

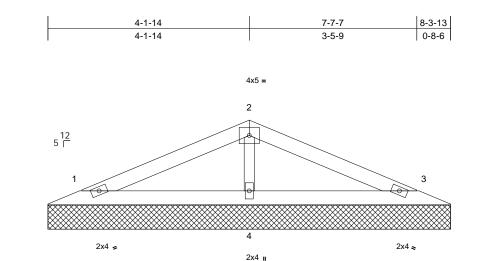
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a trust system. Before use,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



May 2

JOIN

Job	Truss	Truss Type	Qty	Ply	Harmony - Craftsman FH 3-Car		
Harmony - Craftsman	V3	Valley	1	1	Job Reference (optional)	165649876	
Wheeler Lumber, Waverly, KS - 6		Run: 8.73 S Apr 25 2024 Print: 8.730 S Apr 25 2024 MiTek Industries, Inc. Thu May 16 16:22:08 ID:a_AGCzhk7Js8J9CqYPeN3YzFtZR-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f					



8-3-13

Scale = 1:23.8

Scale = 1.23.0													
Loading	(psf)	Spacing	2-0-0		CSI	0.00	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15		TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	197/144
TCDL	10.0	Lumber DOL	1.15		BC	0.10	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0		YES		WB	0.04	Horiz(TL)	0.00	3	n/a	n/a		FT 400/
BCDL	10.0	Code	IRC2	018/TPI2014	Matrix-P							Weight: 19 lb	FT = 10%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD REACTIONS	6-0-0 oc purlins. Rigid ceiling direct bracing. (size) 1=8-3-1 Max Horiz 1=-26 (I Max Uplift 1=-36 (I (LC 8) Max Grav 1=157 ((LC 1)	_C 8), 3=-40 (LC 9), 4 LC 1), 3=157 (LC 1),	c 3 =-8 4=308	on the bottor 3-06-00 tall b chord and ar 8) All bearings 9) Provide mec bearing plate 1, 40 lb upliff 10) This truss is International	Residential Conductor	reas where e will fit betwers. to be SPF N totion (by oth thstanding 3 8 lb uplift at cordance woode sections	a rectangle ween the bot o.2. ers) of truss 36 lb uplift at joint 4. rith the 2018 \$ R502.11.1	tom to joint			un,	ATE OF JUJ GAR	
FORCES	(lb) - Maximum Co Tension	mpression/Maximum									- 7	Cir ii	
TOP CHORD	1-2=-63/36, 2-3=-6	63/25									= 7	NUM	
BOT CHORD	1-4=-1/27, 3-4=-1/	27											• 41
WEBS	2-4=-222/60										-	E-2000	102101
NOTES											1	A	
1) Unbalance	ed roof live loads hav	e been considered fo	r									S/ON	ENUN

1) this design.

2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60

1-5-5

0-0-4

1-9-1

3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.

4) Gable requires continuous bottom chord bearing. 5)

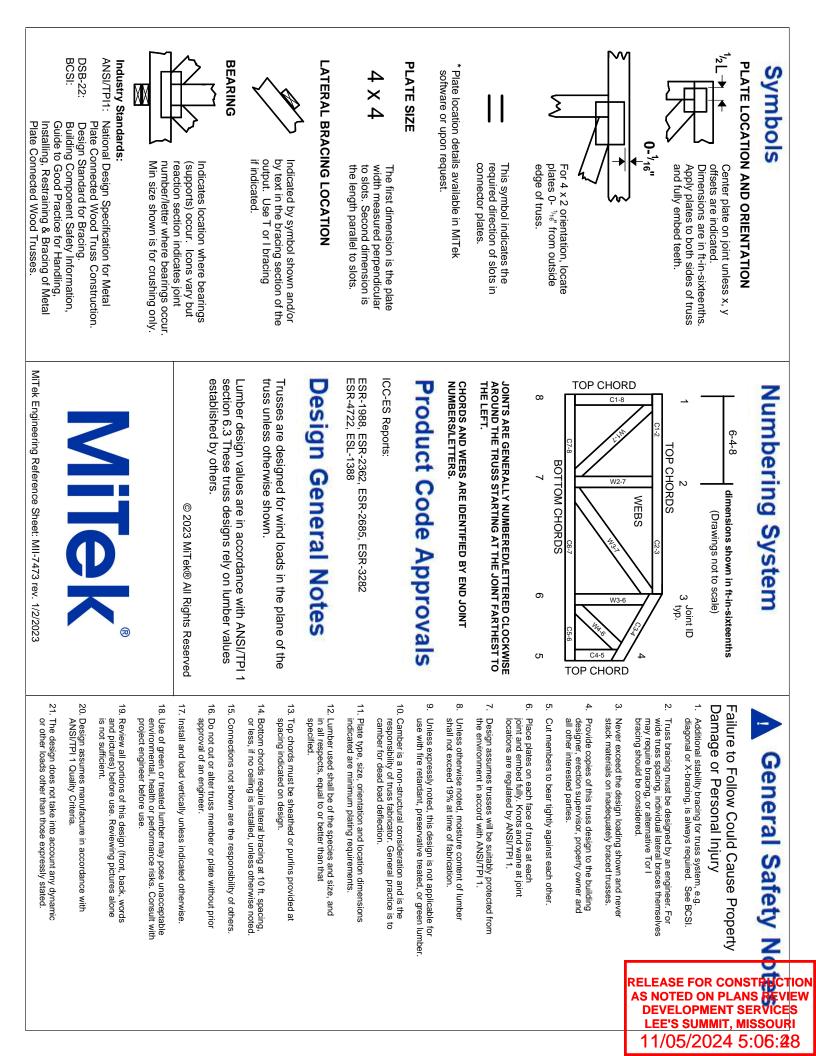
Gable studs spaced at 4-0-0 oc. 6)

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

ONAL ENT 16952 PROTONAL ENGLINE May 20,2024 Summer Die May 20,2024

 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 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)





LEE'S SUMMIT, MISSOURI 11/05/2024 5:06:28