

Re: 211286 Harmon - Chipotle - LS



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

Pages or sheets covered by this seal: I48467936 thru I48467957

My license renewal date for the state of Missouri is December 31, 2021.

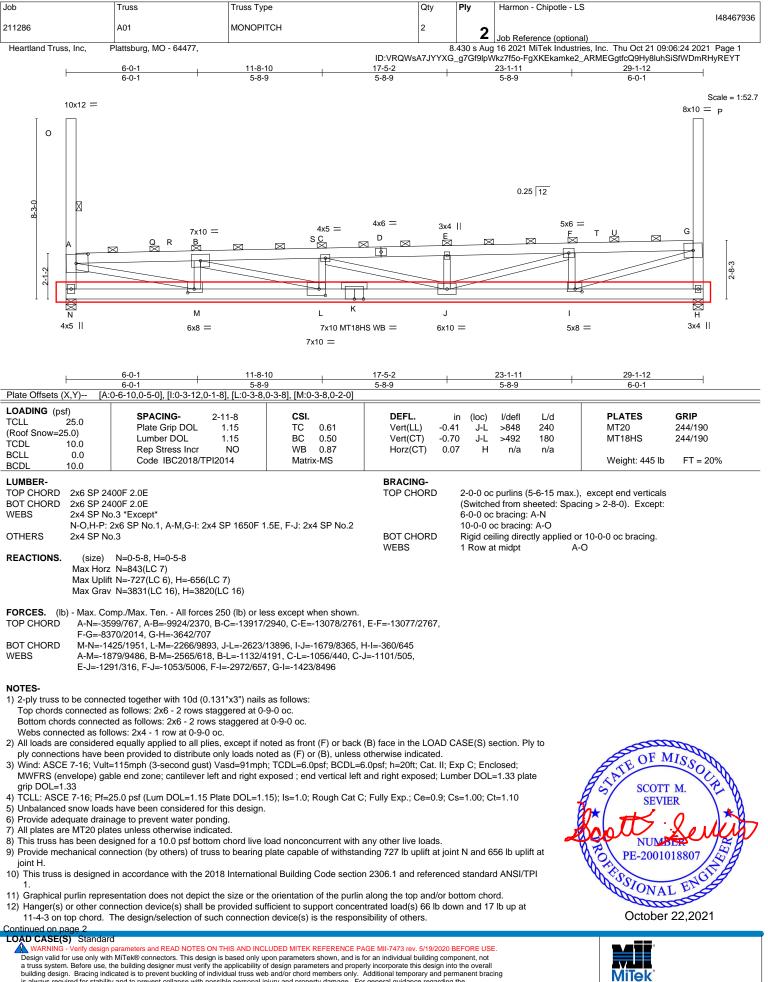
Missouri COA: Engineering 001193



JCA Project No.: 21.34.059 Reviewed By: LG Date Reviewed By: LG Date Reviewed By: LG Date Reviewed By: LG Date Reviewed: 11/08/2021 M DEXCEPTIONS TAKEN Date Reviewed: 11/08/2021 Date R

October 22,2021

**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.



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16023 Swingley Ridge Rd Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS
					14846793
211286	A01	MONOPITCH	2	2	
				<b></b>	Job Reference (optional)
Heartland Truss, Inc,	Plattsburg, MO - 64477,		8	.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:24 2021 Page 2

8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:24 2021 Page 2 ID:VRQWsA7JYYXG\_g7Gf9lpWkz7f5o-FgXKEkamke2\_ARMEGgtfcQ9Hy8luhSiSfWDmRHyREYT

# LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: R-T=-214(F=-107), H-N=-30

Concentrated Loads (lb)

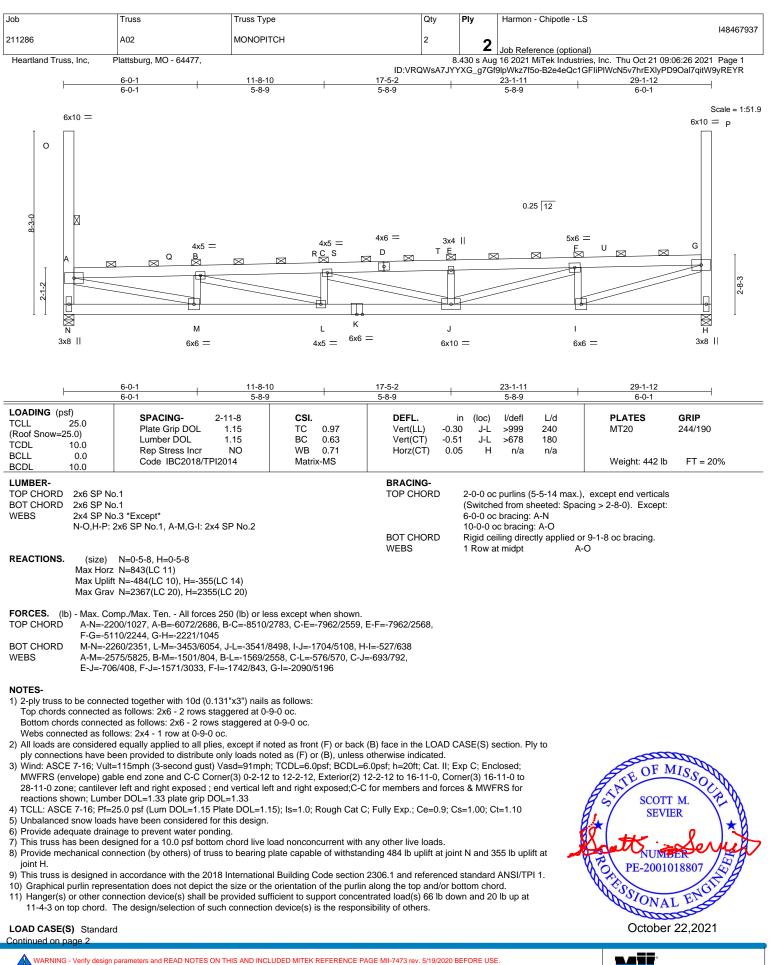
Vert: S=-50

Trapezoidal Loads (plf)

Vert: A=-253(F=-107)-to-Q=-219(F=-107), Q=-222(F=-107)-to-R=-215(F=-107), T=-215(F=-107)-to-U=-222(F=-107), U=-219(F=-107)-to-G=-253(F=-107)

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Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS		
						148467937	
211286	A02	MONOPITCH	2	2			
				2	Job Reference (optional)		
Heartland Truss, Inc,	Plattsburg, MO - 64477,		8	3.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct	21 09:06:26 2021 Page 2	
			ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-B2e4eQc1GFliPIWcN5v7hrEXlyPD9Oal7qitW9yRĔYR				

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

Uniform Loads (plf) Vert: Q-U=-111, H-N=-30

Concentrated Loads (lb)

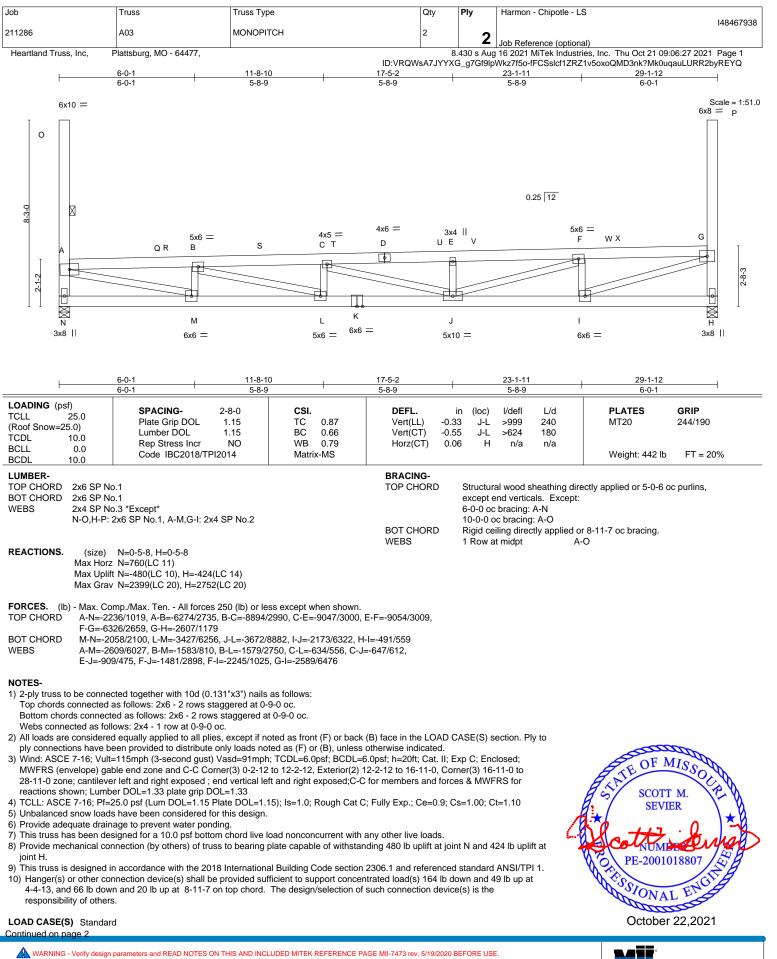
Vert: R=-50

Trapezoidal Loads (plf)

Vert: A=-153-to-Q=-112, U=-112-to-G=-153

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[	Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS	
						148467938	
	211286	A03	MONOPITCH	2	2		
					~	Job Reference (optional)	
-	Heartland Truss, Inc, P	lattsburg, MO - 64477,		8	.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:27 2021 Page 2	
			ID:VRQWsA7JYYXG_g7Gf9IpWkz7f5o-fFCSslcf1ZRZ1v5oxoQMD3nk?Mk0uqauLURR2byREYQ				

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

Uniform Loads (plf) Vert: R-V=-93 V-W=-240, H-N=-27

Concentrated Loads (lb)

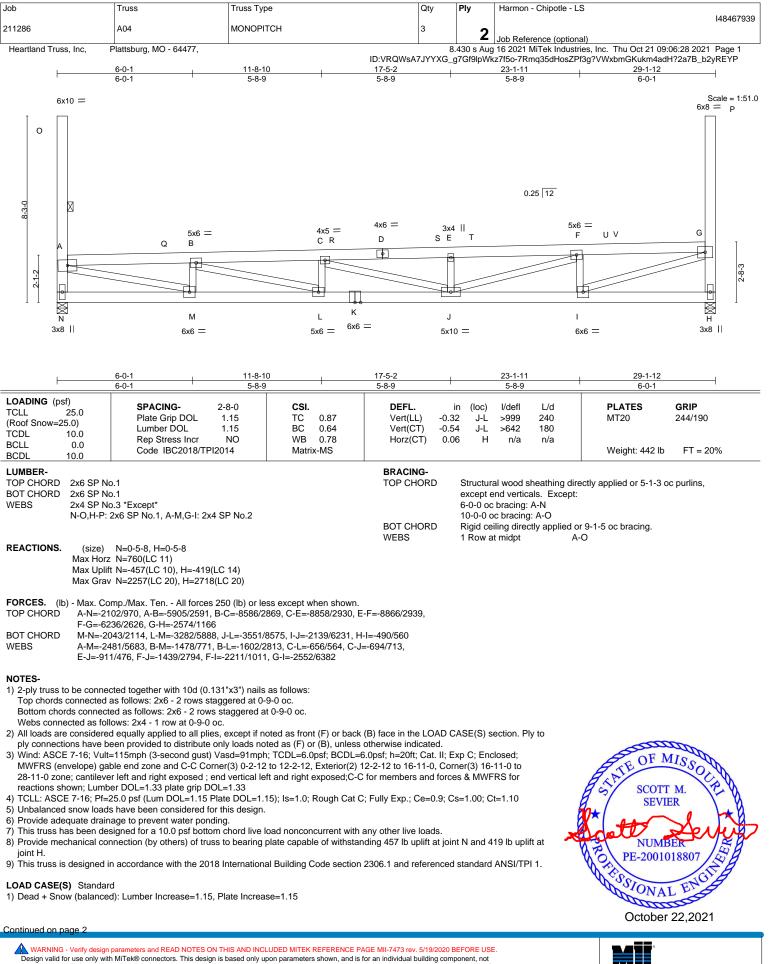
Vert: Q=-125 S=-50

Trapezoidal Loads (plf)

Vert: A=-135-to-R=-94, W=-241-to-X=-245, X=-98-to-G=-135

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Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS	
						148467939
211286	A04	MONOPITCH	3	2		
				<b>_</b>	Job Reference (optional)	
Heartland Truss, Inc,	Plattsburg, MO - 64477,			8.430 s Au	g 16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:28 2021	Page 2
		ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-7Rmq35dHosZPf3g?VWxbmGKukm4adH?2a7B_b2yREYP				

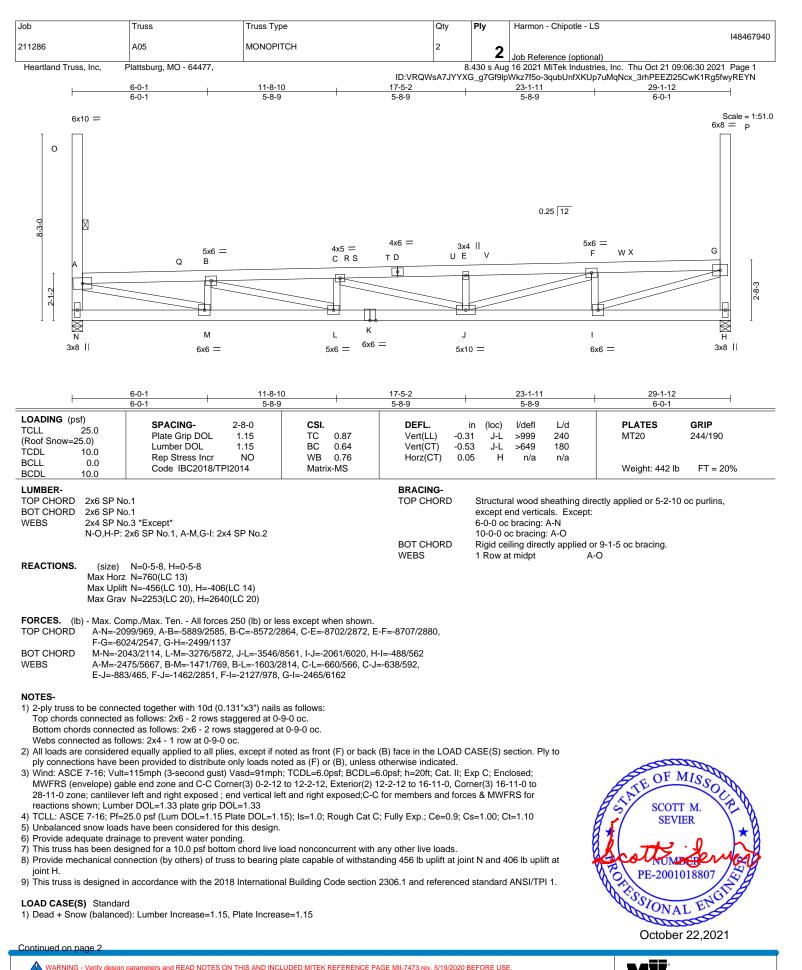
Uniform Loads (plf) Vert: Q-T=-93, T-U=-240, H-N=-27

Trapezoidal Loads (plf)

Vert: A=-135-to-Q=-94, U=-241-to-V=-245, V=-98-to-G=-135

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Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS		
						148467940	
211286	A05	MONOPITCH	2	2			
				<b>_</b>	Job Reference (optional)		
Heartland Truss, Inc,	Plattsburg, MO - 64477,			8.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 (	09:06:31 2021 Page 2	
			ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-X0Szi7g95nx_WWOaAeVIOvyP_z5HqfAUG5PeBNyREYM				

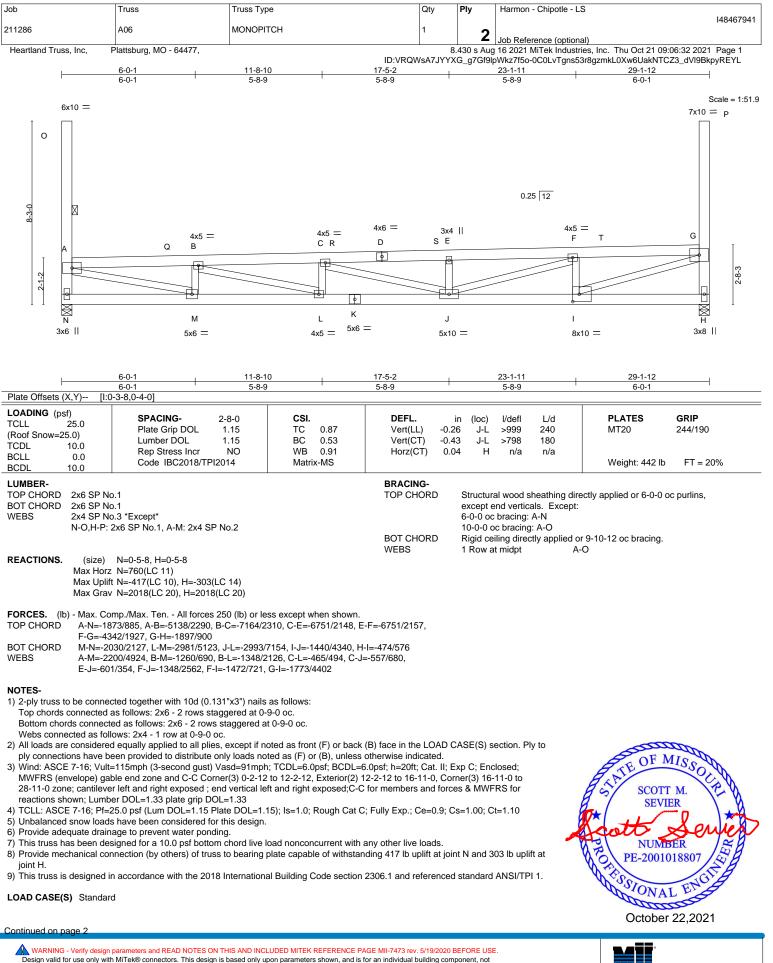
Uniform Loads (plf)

Vert: Q-S=-93, S-T=-133, T-V=-93, V-W=-218, H-N=-27 Trapezoidal Loads (plf)

Vert: A=-135-to-Q=-94, W=-219-to-X=-223, X=-98-to-G=-135

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	Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS		
						148467941		
	211286	A06	MONOPITCH	1	2			
					<b>_</b>	Job Reference (optional)		
_	Heartland Truss, Inc, P	lattsburg, MO - 64477,		8	.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:32 2021 Page 2		
			ID:VRQ	ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-0C0LvTgns53r8gzmkL0Xw6UakNTCZ3_dVl9BkpyRĔYL				

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

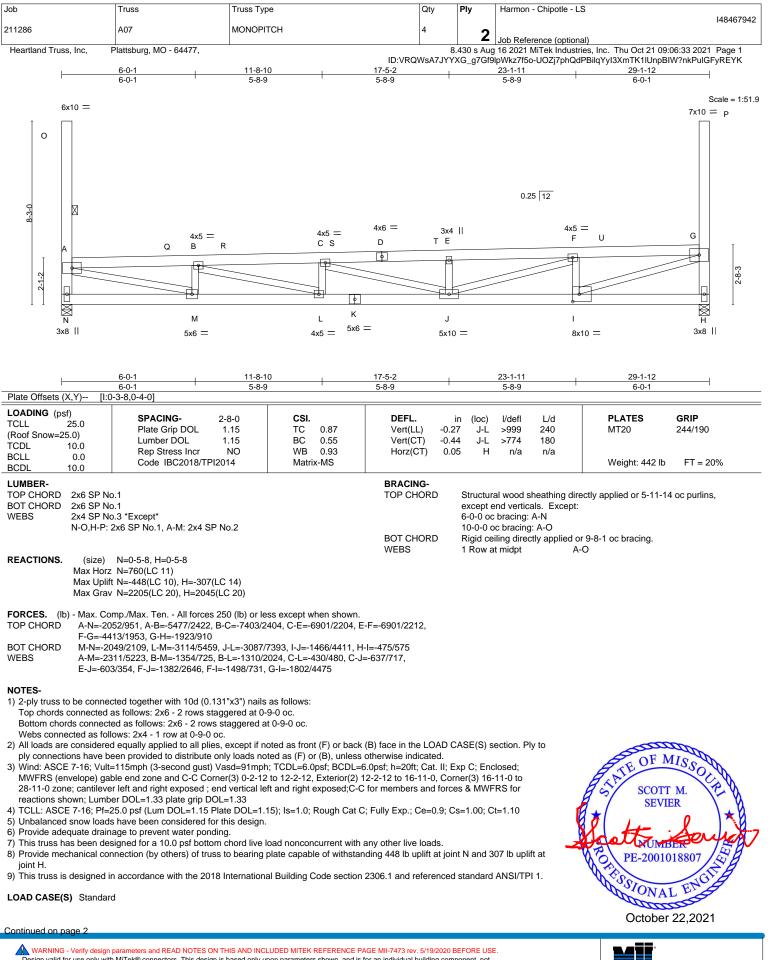
Uniform Loads (plf) Vert: Q-T=-93, H-N=-27

Trapezoidal Loads (plf)

Vert: A=-135-to-Q=-94, T=-94-to-G=-135

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	lob	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS		
						148467942		
	211286	A07	MONOPITCH	4	2			
					2	Job Reference (optional)		
_	Heartland Truss, Inc, P	lattsburg, MO - 64477,		8	.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:33 2021 Page 2		
			ID:VRC	ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-UOZj7phQdPBilqYyI3XmTK1IUnpBIW?nkPulGFyREYK				

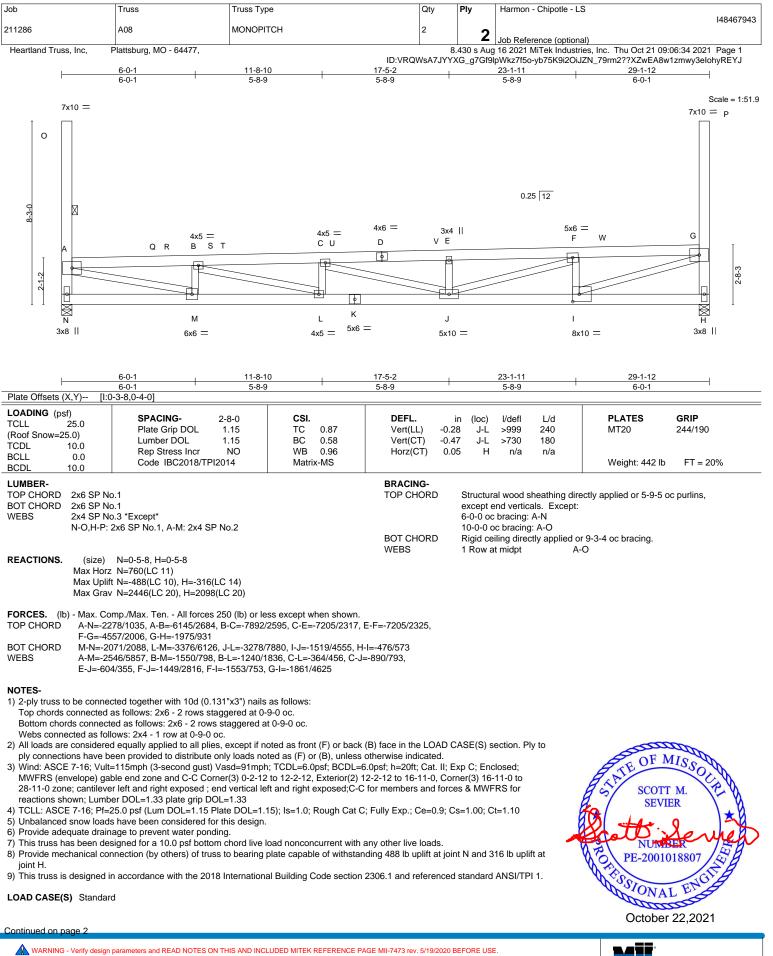
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Uniform	n Loads (plf)	
	Vert: Q-R=-123, R-U=-93, H-N=-27	
Trapez	oidal Loads (plf)	

Vert: A=-165-to-Q=-124, U=-94-to-G=-135

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	lob	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS	
						148467943	
	211286	A08	MONOPITCH	2	2		
					2	Job Reference (optional)	
_	Heartland Truss, Inc, P	lattsburg, MO - 64477,		8	.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:34 2021 Page 2	
			ID:VRC	ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-yb75K9i2OiJZN_79rm2??XZwEA8w1zmwy3elohyREYJ			

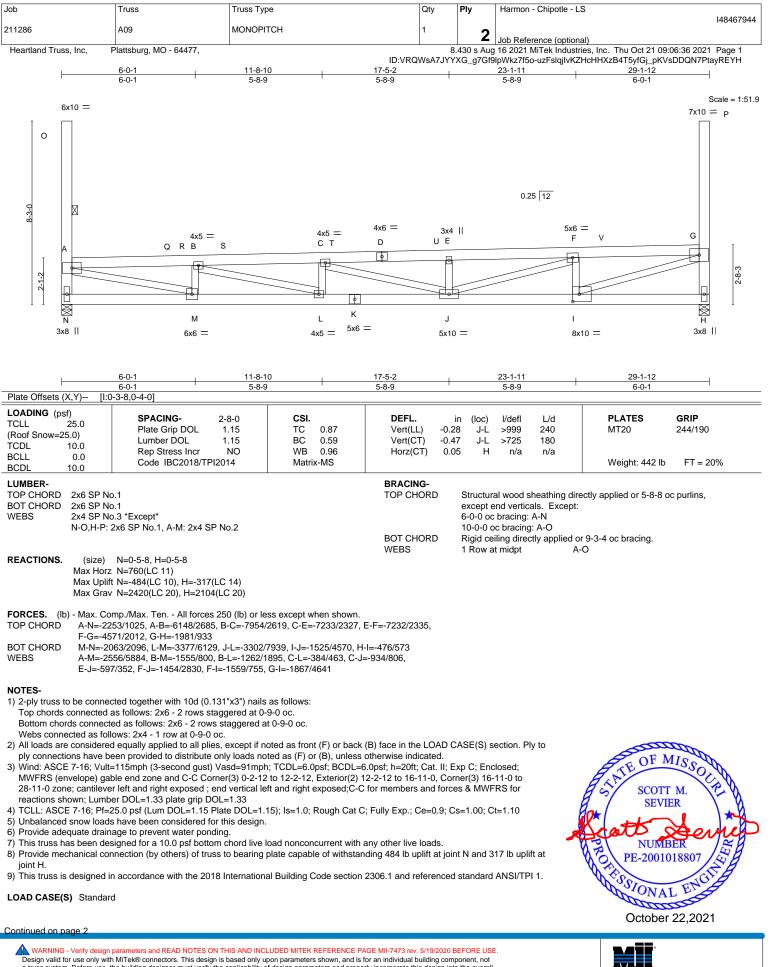
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf) Vert: R-S=-235, S-T=-123, T-W=-93, H-N=-27 Trapezoidal Loads (plf)

Vert: A=-165-to-Q=-130, Q=-242-to-R=-236, W=-94-to-G=-135

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**MiTek** 

Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS	
						I48467944
211286	A09	MONOPITCH	1	2		
				<b>_</b>	Job Reference (optional)	
Heartland Truss, Inc,	Plattsburg, MO - 64477,			8.430 s Aug	g 16 2021 MiTek Industries, Inc. Thu O	ct 21 09:06:36 2021 Page 2
			ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-uzFslqjlvKZHcHHXzB4T5yfGj_pKVsDDQN7PtayREYH			

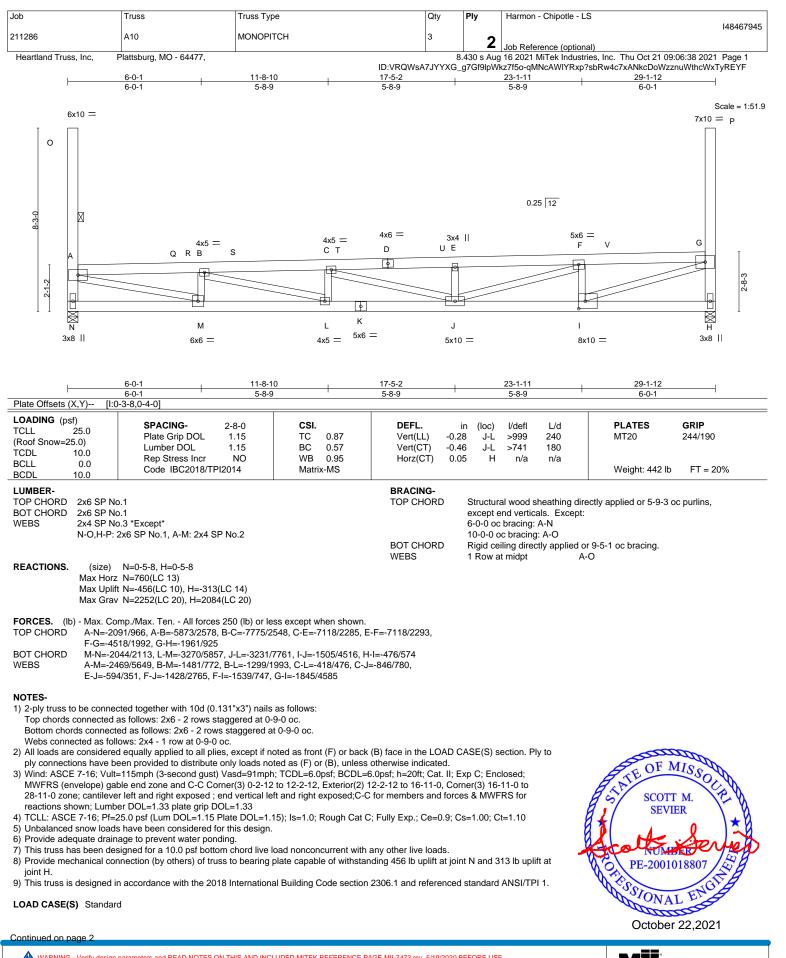
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: Q-R=-123, R-S=-270, S-V=-93, H-N=-27 Trapezoidal Loads (plf)

Vert: A=-165-to-Q=-124, V=-94-to-G=-135

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Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS	
					14846794	
211286	A10	MONOPITCH	3	2		
				<b>_</b>	Job Reference (optional)	
Heartland Truss, Inc,	Plattsburg, MO - 64477,		8	3.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:38 2021 Page 2	
		ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-qMNcAWIYRxp?sbRw4c7xANkcDoWzznuWthcWxTyREYF				

1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)

Vert: Q-R=-93, R-S=-240, S-V=-93, H-N=-27 Trapezoidal Loads (plf)

Vert: A=-135-to-Q=-94, V=-94-to-G=-135

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSUTPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss	Truss Type	Qty Ply	Harmon - Chipotle - LS	3
211286	B01	ROOF SPECIAL	<sup>2</sup> <b>2</b>	Job Reference (optiona	
Heartland Truss, Inc,	Plattsburg, MO - 64477,		8.430 s Aug	16 2021 MiTek Industri	es, Inc. Thu Oct 21 09:06:42 2021 Page 1 QKCkhJSBtKDvIWP_dvk06oJaj4EyREYB
			3-10-8 3-10-8		,
			_		Scale = 1:44.8
			E	Ī	
			×	8-3-0	
		2x4	7x10 MT18HS =	_	
		2-10		2-1-2	
		-1-2-10		∽ 	
		D		1 1	
		8x10 =	0.40		
			3-10-8 3-10-8		
LOADING (psf) TCLL 25.0	SPACING- 2-8		DEFL. in (loc)	l/defl L/d	PLATES GRIP
(Roof Snow=25.0) TCDL 10.0	Lumber DOL 1.	15 TC 0.85 15 BC 0.08	Vert(LL) -0.00 C-D Vert(CT) -0.00 C-D	>999 240 >999 180	MT20 244/190 MT18HS 244/190
BCLL 0.0 BCDL 10.0	Rep Stress Incr N Code IBC2018/TPI201	VO WB 0.30 4 Matrix-MP	Horz(CT) 0.00 C	n/a n/a	Weight: 84 lb FT = 20%
LUMBER-	- 1		BRACING- TOP CHORD 2-0-0 oc		
TOP CHORD 2x6 SP No BOT CHORD 2x6 SP No WEBS 2x4 SP No	o.1		6-0-0 oc	bracing: B-C bracing: B-C bc bracing: B-E	cept end verticals. Except:
	o.3 *Except* SP 2400F 2.0E		BOT CHORD Rigid ce	iling directly applied or	
	C=0-5-8, D=Mechanical 2 D=-493(LC 10)		WEBS 1 Row a	t midpt B-	E
Max Uplif	t C=-656(LC 11), D=-637(LC 1 / C=718(LC 12), D=658(LC 13)				
		" (Ib) or less except when shown.			
	39/407, B-C=-931/1930	(ib) of less except when shown.			
	002/1679				
NOTES-	cted together with 10d (0.131"	v3") nails as follows:			
Top chords connected a		) oc, 2x6 - 2 rows staggered at 0-	9-0 oc.		
Webs connected as foll	lows: 2x4 - 1 row at 0-9-0 oc.	xcept if noted as front (F) or back	(B) face in the LOAD CASE(S) s	ection. Plv to	
ply connections have be	een provided to distribute only	loads noted as (F) or (B), unless d=91mph; TCDL=6.0psf; BCDL=6	otherwise indicated.	·	
MWFRS (envelope) gal	ble end zone and C-C Corner	<ol> <li>zone; cantilever left and right e reactions shown; Lumber DOL=1.</li> </ol>	xposed ; end vertical left and right		Aller
,	25.0 psf (Lum DOL=1.15 Plate age to prevent water ponding.	DOL=1.15); Is=1.0; Rough Cat C	; Fully Exp.; Ce=0.9; Cs=1.00; C	t=1.10	SE OF MISS
	tes unless otherwise indicated signed for a 10.0 psf bottom cl	hord live load nonconcurrent with	any other live loads.		SCOTT M.
<ul><li>8) Refer to girder(s) for true</li><li>9) Provide mechanical corr</li></ul>		bearing plate capable of withstar	nding 656 lb uplift at joint C and 6	37 lb uplift at	SEVIER
joint D. 10) This truss is designed	in accordance with the 2018	nternational Building Code sectio	n 2306.1 and referenced standar	d ANSI/TPI	sott server
1. 11) Graphical purlin repre	sentation does not depict the	size or the orientation of the purlin	along the top and/or bottom cho	rd.	NUMBER PE-2001018807
LOAD CASE(S) Standard					
Uniform Loads (plf)	d): Lumber Increase=1.15, Pla	te increase=1.15			SIONAL ENCL
Vert: C-D=-27					October 22,2021
Continued on page 2		S AND INCLUDED MITEK REFERENCE PA		-	
Design valid for use only with a truss system. Before use, t	h MiTek® connectors. This design is b the building designer must verify the a	ased only upon parameters shown, and is oplicability of design parameters and prope	for an individual building component, not rly incorporate this design into the overall		
is always required for stabilit		al truss web and/or chord members only. e personal injury and property damage. Fo		-	16023 Swingley Ridge Rd

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

16023 Swingley Ridge Rd Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS		
						148467946	
211286	B01	ROOF SPECIAL	2	2			
			Job Reference (optional)				
Heartland Truss, Inc,	Plattsburg, MO - 64477,	8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:42 2021 Page 2					
			ID:VRQWsA7JY	/XG_g7Gf9	pWkz7f5o-j7c7?uo3VAJQKCkhJSBtKDvIWP_	_dvk06oJaj4EyREYB	

LOAD CASE(S) Standard Trapezoidal Loads (plf)

Vert: A=-130-to-B=-157

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSVTPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss	Truss Type	Qty Ply	Harmon - Chipotle - LS	148467947
211286	B02	ROOF SPECIAL	<sup>2</sup> <b>2</b>		
Heartland Truss, Inc,	Plattsburg, MO - 64477,		ID:VRQWsA7JYYXG_g7Gf9lp		es, Inc. Thu Oct 21 09:06:44 2021 Page 1 aWu4RtELPe_dCCg7NecOFd3q96yREY9
			3-10-8 3-10-8		
			E	Ţ	Scale = 1:44.8
			×	8-3-0	
		2x4	7x10 MT18HS =	=	
				Ī	
		2-1-10		2-1-10	
		D 8x10 =	C 3x10		
			3-10-8 3-10-8		
LOADING (psf) TCLL 25.0	SPACING- 2-	8-0 <b>CSI.</b>	DEFL. in (loc)	l/defl L/d	PLATES GRIP
TCLL         25.0           (Roof Snow=25.0)         TCDL           10.0         10.0	Lumber DOL 1	.15 TC 0.84 .15 BC 0.08	Vert(LL) -0.00 C-D Vert(CT) -0.00 C-D	>999 240 >999 180	MT20 244/190 MT18HS 244/190
BCLL         0.0           BCDL         10.0	Rep Stress Incr Code IBC2018/TPI201	NO WB 0.29 14 Matrix-MP	Horz(CT) 0.00 C	n/a n/a	Weight: 84 lb FT = 20%
LUMBER- TOP CHORD 2x6 SP No	5.1		BRACING- TOP CHORD 2-0-0 or	c purlins: A-B, B-E, exc	ept end verticals. Except:
	p.3 *Except*		10-0-0 0	c bracing: B-C oc bracing: B-E	
	SP 2400F 2.0E		BOT CHORD Rigid ce WEBS 1 Row a	eiling directly applied or at midpt B-E	
Max Horz	C=0-5-8, D=Mechanical : D=492(LC 13) t C=-656(LC 11), D=-637(LC	10)			
	v C=718(LC 12), D=658(LC 1				
TOP CHORD A-D=-23	8/407, B-C=-928/1928	0 (lb) or less except when shown.			
BOT CHORD C-D=-79 WEBS B-D=-28	94/1317 942/1646				
NOTES-	cted together with 10d (0.131'	'x3") nails as follows:			
Top chords connected		0 oc, 2x6 - 2 rows staggered at 0-9	)-0 oc.		
2) All loads are considered		except if noted as front (F) or back		section. Ply to	
3) Wind: ASCE 7-16; Vult	=115mph (3-second gust) Vas	y loads noted as (F) or (B), unless of sd=91mph; TCDL=6.0psf; BCDL=6	6.0psf; h=20ft; Cat. II; Exp C; End		
exposed;C-C for memb	ers and forces & MWFRS for	(3) zone; cantilever left and right ex reactions shown; Lumber DOL=1.3 e DOL=1.15); Is=1.0; Rough Cat C	33 plate grip DOL=1.33		Amarica .
5) Provide adequate drain	age to prevent water ponding tes unless otherwise indicated	l	, runy 2xp., 00-0.0, 00-1.00, 0	<u> </u>	TE OF MISSO
8) Refer to girder(s) for tru	iss to truss connections.	hord live load nonconcurrent with a		E	SCOTT M.
joint D.		b bearing plate capable of withstan			to the last
1.		International Building Code section size or the orientation of the purlin			NUMBER
LOAD CASE(S) Standar					PE-2001018807
Uniform Loads (plf)	d): Lumber Increase=1.15, Pla	ate Increase=1.15			STONAL EN
Vert: C-D=-27					October 22,2021
Continued on page 2	parameters and READ NOTES ON TH	IIS AND INCLUDED MITEK REFERENCE PA	AGE MII-7473 rev. 5/19/2020 BEFORE US	E.	
Design valid for use only with a truss system. Before use, t	h MiTek® connectors. This design is a the building designer must verify the a	based only upon parameters shown, and is frapplicability of design parameters and proper ual truss web and/or chord members only.	for an individual building component, not rly incorporate this design into the overall	I	
is always required for stabilit	y and to prevent collapse with possible , erection and bracing of trusses and	le personal injury and property damage. For	r general guidance regarding the ality Criteria. DSB-89 and BCSI Buildin		16023 Swingley Ridge Rd

a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

16023 Swingley Ridge Rd Chesterfield, MO 63017

Job	Truss	Truss Type	Qt	y	Ply	Harmon - Chipotle - LS
						148467947
211286	B02	ROOF SPECIAL	2		2	
					2	Job Reference (optional)
Heartland Truss, Inc,	Plattsburg, MO - 64477,			8.	430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:45 2021 Page 2
			ID:VRQW	sA7JYY	′XG_g7Gf	9lpWkz7f5o-7ilGevqxo5i?BgTG?alaysXoyc0M65rYUHoNhZyREY8

Trapezoidal Loads (plf) Vert: A=-130-to-B=-157

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss	Truss Type	Qty	Ply H	Harmon - Chipotle - LS	
211286	B03	ROOF SPECIAL	2	<b>2</b> J	ob Reference (optional)	148467948
Heartland Truss, Inc,	Plattsburg, MO - 64477,	1		130 s Aug 1	6 2021 MiTek Industries	s, Inc. Thu Oct 21 09:06:46 2021 Page 1 spq2SYIGpV33_z0MfrYChjxYxD?yREY7
			3-10-8 3-10-8	_0 ,		
			Е			Scale = 1:44.8
					Ī	
			$\boxtimes$		8-3-0	
		2x4			œ	
		т В	7x10 M	IT18HS =	т	
					ŵ	
		2-2-5			2-2-5	
					11	
		D 8x10 =	C 3x10			
		<b>—</b> ——	3-10-8 3-10-8			
LOADING (psf) TCLL 25.0	SPACING- 2-8	8-0 <b>CSI</b> .	DEFL. in	n (loc)	l/defl L/d	PLATES GRIP
(Roof Snow=25.0) TCDL 10.0	Lumber DOL 1.	.15 TC 0.83 .15 BC 0.07	Vert(LL) -0.00 Vert(CT) -0.00	C-D :	>999 240 >999 180	MT20 244/190 MT18HS 244/190
BCLL 0.0 BCDL 10.0	Rep Stress Incr I Code IBC2018/TPI201	NO WB 0.29 14 Matrix-MP	Horz(CT) 0.00	C	n/a n/a	Weight: 84 lb FT = 20%
LUMBER- TOP CHORD 2x6 SP No			BRACING- TOP CHORD	2-0-0 oc n	urlins: A-B B-F exce	pt end verticals. Except:
BOT CHORD 2x6 SP No				6-0-0 oc b	racing: B-C bracing: B-E	
	SP 2400F 2.0E		BOT CHORD		ng directly applied or 1	0-0-0 oc bracing.
Max Horz	C=0-5-8, D=Mechanical D=491(LC 13)					
	t C=-655(LC 11), D=-636(LC C=717(LC 12), D=657(LC 13					
		0 (lb) or less except when shown.				
TOP CHORD A-D=-23 BOT CHORD C-D=-74 WEBS B-D=-27						
NOTES-	03/1004					
1) 2-ply truss to be connect	cted together with 10d (0.131' as follows: 2x4 - 1 row at 0-9-	"x3") nails as follows: 0 oc, 2x6 - 2 rows staggered at 0-9	9-0 oc.			
Bottom chords connected	ed as follows: 2x6 - 2 rows sta ows: 2x4 - 1 row at 0-9-0 oc.					
		except if noted as front (F) or back ( y loads noted as (F) or (B), unless of		<pre>\SE(S) sec</pre>	ction. Ply to	
MWFRS (envelope) gat	ble end zone and C-C Corner	sd=91mph; TCDL=6.0psf; BCDL=6 (3) zone; cantilever left and right ex	posed ; end vertical left			
4) TCLL: ASCE 7-16; Pf=2	25.0 psf (Lum DOL=1.15 Plate	reactions shown; Lumber DOL=1.3 e DOL=1.15); Is=1.0; Rough Cat C		=1.00; Ct=	1.10	TE OF MISSOL
6) All plates are MT20 plat	age to prevent water ponding tes unless otherwise indicated	d.				
8) Refer to girder(s) for tru	iss to truss connections.	chord live load nonconcurrent with a		C and 626		SEVIER
joint D.		o bearing plate capable of withstan International Building Code sectior	,			the share
1.		size or the orientation of the purlin				NUMBER
LOAD CASE(S) Standard			<u>.</u>		Y	NUMBER PE-2001018807
1) Dead + Snow (balanced Uniform Loads (plf)	d): Lumber Increase=1.15, Pla	ate Increase=1.15				ONAL ET
Vert: C-D=-27						October 22,2021
Continued on page 2			05.000			
Design valid for use only with a truss system. Before use, t		HIS AND INCLUDED MITEK REFERENCE PA based only upon parameters shown, and is for applicability of design parameters and proper	or an individual building compo ly incorporate this design into t			

Design valid or use only with with exercenteedors. This design is based only upon parameters shown, and is for an individual nucleon geometry incorporate 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 building at the prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS	
					148467948	
211286	B03	ROOF SPECIAL	2	2		
				<b>_</b>	Job Reference (optional)	
Heartland Truss, Inc,	Plattsburg, MO - 64477,	8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:46 2021 Page 2				
			ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-bvserFrZZOqspq2SYIGpV33_z0MfrYChjxYxD?yREY7			

LOAD CASE(S) Standard Trapezoidal Loads (plf)

Vert: A=-130-to-B=-157

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TP11 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Data model       PAGE SPECIAL       PLO       All Advances (accord)         Head and Tax, IV.       Particulary 10, 1447       Intervent (accord)       Intervent (accord)         Head and Tax, IV.       Particulary 10, 1447       Intervent (accord)       Intervent (accord)         Intervent (accord)       Intervent (accord)       Intervent (accord)       Intervent (accord)         Intervent (accord)	Job	Truss	Truss Type	Qty Ply	Harmon - Chipotle - LS	
Edite of track, PA (1990) Edit 7, Edite of track, PA (1990) Edit 7, Edit of track (1990) High Basers, Bits Turk (1990) Edit 7, Partname (1990) Edit 7, Edit of track (1990) High Basers, Bits Turk (1990) Edit 7, Edit of track (1990) High Basers, Bits Turk (1990) High	211286	B04	ROOF SPECIAL	<sup>2</sup> <b>2</b>	Job Reference (options	148467949
Image: state       Image: state	Heartland Truss, Inc,	Plattsburg, MO - 64477,	1	8.430 s Aug	g 16 2021 MiTek Industri	es, Inc. Thu Oct 21 09:06:48 2021 Page 1
Image: State of the state			<b> </b>	3-10-8		
ADDNG (rot)       PACING       PACING </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>Scale = 1:44.8</td>						Scale = 1:44.8
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Build       Juild         Tell       20.0         Tell       10.0         Tell       10.0         Tell       10.0         Tell       10.0         Tell       10.0         Tell       20.0         Tell </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
1-10-0         1-10-			D			
CADOMS (191) TCUL     25.00 (Kof Strow2-26.0) (Kof Strow2-			8x10 =			
TCLL       25.0       SPAN do Do L       24.0       Text       and local base Lab       Mittels       Seturity         (Rod Snow-26.0)       Lubber DOL       11.5       TES       Color       Note Text						
Three       Under DOL       1.15       BC 0.07       Vert(CT)       -0.00       CD       >998       180         LUMBER- TO C-Code IBC2018/TPI2014       Matrix-MP       Horz(CT)       0.00       CD       >998       180         LUMBER- TO C-Code IBC2018/TPI2014       Matrix-MP       BRACING- TO CP-CDRD 20.40 pp.publics: AB, B-E, except end verticals. Except: 6-00 do bracing: B-E       FT = 20%.         LUMBER- TO C-Code OB       2.44 SP No.1       TO CP-CDRD 20.40 pp.publics: AB, B-E, except end verticals. Except: 6-00 do bracing: B-E         WEBS       2.44 SP No.1       TO CP-CDRD 20.40 pp.publics: AB, B-E, except end verticals. Except: 6-00 do bracing: B-E         WEBS       C-E-2:06 SP 2.400F 2.0E       BOT CHORD 20.40 pp.publics: AB, B-E, except end verticals. Except: 6-00 do bracing: B-E         WEBS       C-E-2:06 SP 2.400F 2.0E       BOT CHORD 20.40 pp.publics: AB, B-E, except end verticals. Except: 700 CHORD 20.40 pp.publicd or 100-0 do bracing: B-E         FORCES. (0):       Axx-coray.Axx: ToA1 forces 2.50 (b) or less except when shown. TOP CHORD 20.40 pp.public or 10.0-9 dot: 10.00 pp.public or 10.0-9 dot: 10.00 pp.public or 10.0-9 dot: 0.00 pp.public or 10.0 pp.pub	TCLL 25.0					
BLLL DOL       0.0 OF MORD       Code IBC2018/TPI2014       Matrix-MP       Weight: 65 Ib       FT = 20%         LUMBER- TOP CHORD       26.6 SP No.1       BRACING- TOP CHORD       2-0-0 oc putifies: A8, B-E, except end verticals. Except: 6-0-0 oc bracing: B-C         DOT CHORD       2.6 SP No.1       DOT CHORD       2.6-0 oc putifies: A8, B-E, except end verticals. Except: 6-0-0 oc bracing: B-C         REACTIONS: (WES)       Cite: 2x6 SP No.1       DOT CHORD       2.6-0 oc putifies: A8, B-E, except end verticals. Except: 6-0-0 oc bracing: B-C         Max Horz DM-400(LC 10) Max Grav C-r17(LC 12). D-B57(LC 13)       DOT CHORD       Rev eting directly applied or 10-0-0 oc bracing.         FORCES. (b). Max. Comp.Max. Ten - All forces 250 (b) or less except when shown. TOP CHORD       D-D-2700/171       B-E         VEBS       D-D-2700/171       WEBS       D-D-2700/171         VEBS       D-D-2700/171       WEBS       D-D-2700/171         VEBS       D-D-2700/171       September 200/171       September 200/171         VEBS       D-D-2700/171       WEBS       D-D-200/171         VEBS       D-D-2700/171       WEBS       D-D-200/171         VEBS       D-D-200/171       WEBS       D-D-200/171         VEBS       D-D-200/171       WEBS       D-D-200/171         VEBS       D-D-200/171       D-D-200/20	TCDL 10.0	Lumber DOL 1	.15 BC 0.07	Vert(CT) -0.00 C-D	>999 180	
TOP CHORD       26 SP No.1       TOP CHORD       26 SP No.1       6-0 oc purlins: A-8, B-E, except end verticals. Except:         WEBS       24 SP No.3 *Except'       50-0 oc bracing: B-E       10-0-0 oc bracing: B-E         REACTIONS       (size)       C=0-54, D-Mechanical       New Hord Control (Section 4)         Max Horz       D=430(LC 10)       Hard Control (C 12)       Hard Control (C 12)         Max Grav C=771(LC 12), D=457(LC 13)       Hard Control (C 12)       Hard Control (C 12)       Hard Control (C 12)         FOP CHORD       A-D=238406, B-C=-9149(23)       DOT CHORD       A-D=238406, B-C=-9149(23)       Hard Control (C 12)         BOT CHORD A       A-D=238406, B-C=-9149(23)       DOT CHORD A       A-D=238406, B-C=-9149(23)       Hard Control (D -D=707(11)         WEBS       B-D=27001567       NOTES       Intervent on (D -D=707(11)       Hard Control (D -D=707(11)       Hard Control (D -D=707(11)         WEBS       B-D=27001567       NOTES       Intervent on (D -D=707(11)       Hard Control (D -D=707(11)       H				- (- ,		Weight: 85 lb FT = 20%
WEBS       24:4 SP No.3 "Except"       Difference of the set		J.1			c purlins: A-B, B-E, exe	cept end verticals. Except:
WEBS       1 Row at midpt       B-E         REACTIONS.       (Srap)       C-0-54, D-Mechanical Max Horz D490(LC 10) Max Grav C=717(LC 12), D=637(LC 13)         FORCESS.       (Ib) - Max. Comp.Max. Ten All forces 250 (Ib) or less except when shown.       TOP CHORD A: D-2384(06, B-C-918/19/23)         DOT CHORD A: D-2384(06, B-C-918/19/23)       B-D-27200/1567         NOTES       1) 2-pty truss to be connected as follows: 224 - 1 row at 0-9-0 oc.         D1 2-pty truss to be connected as follows: 224 - 1 row at 0-9-0 cc.         Bott CHORD C: D-747(117)         Webs connected as follows: 224 - 1 row at 0-9-0 cc.         2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribution only loads arole as (F) or (B), unless otherwise indicated.         3) Wind: ASCE 7-16; VILED 10 (Lum DOL-115) Flate DOL-150; B-DOL-60, Dopf. H=201; Cast 11; B F2; C: Enclosed: MWFRS (envelope) gable and once and C-C Corner(3) zone: canciliver left and right exposed : and vertical left and right exposed.         4) TOLL: ASCE 7-16; PI-ESD DB (Lum DOL-115); Is=1.0; Rough Cat C; Fully Exp.; Ce-0.9; Cs=1.0; Cl=1.10         5) Provide adequate drianage to prevent water ponding.         9) Provide mechanical connection (by orbers) of truss to bearing plate capable of withstanding 655 Ib uplift at joint C and 636 Ib uplit at joint C and 63	WEBS 2x4 SP No	p.3 *Except*		10-0-0 0	oc bracing: B-E	
Max Horiz D=-490[LC 10] Max Uplif (~-De55(LC 11), D=636(LC 10) Max Grav C=717(LC 12), D=657(LC 13) FORCES. (b) - Max. Comp.Max. Ten All forces 250 (b) or less except when shown. TOP CHORD C -D-72707(117) WEBS B-D-27001567 NOTES 1) 2-by truss to be connected a follows: 244 - 1 row at 0-90 oc. 266 - 2 rows staggered at 0-90 oc. Bott on chords connected as follows: 244 - 1 row at 0-90 oc. 266 - 2 rows staggered at 0-90 oc. Bott on chords connected as follows: 244 - 1 row at 0-90 oc. 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(5) section. Ply to ply connections have been provided to distribute only loads front (F) or back (B) face in the LOAD CASE(5) section. Ply to ply connections have been darce and concerts as follows: 264 - 1 row at 0-90 oc. WWFRS (or reactions have been darce and concerts as (F) or (B), unless otherwise indicated. 3) Winci ASCE 7-16; ViLl=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; h=201f; Catl. II; Ept C; Enclosed; MWFRS (for reactions shows) curved and an off on the gust of reactions shown, Lumber DOL=1.33 4) TCLL: ASCE 7-16; ViLl=105 (Lum DOL=1.15) Is=10, Rough Cat C; Fully Exp; Ce=0.9; Cs=1.00; Cl=1.10 5) Provide adequate drianage to prevent water ponding. 4) TCLL: ASCE 7-16; ViLl=20 (J (Lum DOL=1.15) Is=10, Rough Cat C; Fully Exp; Ce=0.9; Cs=1.00; Cl=1.10 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at 10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 1) Graphical puritin representation does not depict the size or the orientation of the puritin along the top and/or bottom chord. EOACCASE(6) Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=27 Continue to nage 2 WANNO - Very design parameters and 50.00 THES AND VCLUDED MITEK REFERENCE PAGE MH-7473 r						
Max Grav C=717(LC 12), D=657(LC 13) FORCES. (b) · Max. Comp.Max. Ten All forces 250 (b) or less except when shown. TOP CHORD AD—3284(06, B-C=918/1923 BOT CHORD - D-D=-2740(5) BOT CHORD - D-D=-2700(1567 NOTES 01 2ply truss to be connected together with 10d (0.131*x3') nails as follows: 1 2ply truss to be connected together with 10d (0.131*x3') nails as follows: 1 2ply truss to be connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. 2 All leads are considered equally applied to all piles, except in noted as front (F) or back (B) face in the LOAD CASE(5) section. Ply to ply connections have been provided to distribute only leads noted as (F) or (B), unless otherwise indicated. 3 Wind: ASCE for members and forces & MWFRS for reactions shown; Lumber BCDL=13 plates (pip DDL=13.2) 3 ToL: ASCE 7-16; Vil=115776 (5) section 10.0 pt 0 btom chord live load nonconcurrent with any other live loads. 8 Ref tro girder(s) for truss to truss to bearing plate capable of withstanding 655 to upilit at joint C and 636 lb upilit at 1 1) This truss has been designed in accordance with the 2018 International Building Code section 230.6.1 and referenced standard ANSI/TPI 1 1 1 Toler truss has been designed in accordance with the 2018 International Building Code section 230.6.1 and referenced standard ANSI/TPI 1 1 1 Toler truss has been designed in accordance with the size or the orientation of the put in along the top and/or bottom chord. EVENDED CHORES Standard 1 Dead + Show (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniter Loads (pi) Vett: C-D=-27 Continued on page 2 WANNO-Verty design parameters and READ NOTES ON THE AND NCLUEDD MTER REFERENCE PAGE MF-773 rev. SF32220 BEFORE USE. The sign with MTaRe® connectors. The design of individe laves web and for the formerend with and component, r	Max Horz	D=-490(LC 10)				
TOP CHORD A. D=238/406, B-C=918/1923 BOT CHORD C:D=-707/1171 WEBS B-D=2700/1567 <b>NOTES</b> 1) 2-ply truss to be connected together with 10d (0.131*X3*) nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. 2) All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. 3) Wint: ASCE 7-16; Vull=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; B-2017; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end 2one and C-C corner(3) zone; cantilever left and right exposed : end vertical left and right exposed; 0.00 (Cat. 1.15) 4) TCLL: ASCE 7-16; Pi-E20 pil (Lum DDL=1.15) Is=1-0; Rough Cat. C; Fully Exp; Cc=0.9; Cs=1.00; Ct=1.10 5) Provide adequate drainage to prevent water ponding. 3) Horizet are MT20 pilets unless otherwise indicated. 7) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 1. Orabical purifin representation does not depict the size or the orientation of the purifin along the top and/or bottom chord. <b>LOAD CASE(S)</b> Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Pilate Increase=1.15 Uniform Loads (pil) Vert: C-D=-27 Continued on page 2						
BOT CHORD       C-D-707/1171         WEBS       B-D=-2700/1567         NOTES       1 2-by truss to be connected as follows: 2x4 - 1 row at 0-9-0 oc. 2x6 - 2 rows staggered at 0-9-0 oc.         Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.       Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.         VIDES       9 All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.         30 Winck: ASCE - T-16; Vul=1 Thispmh (>second upus) Yasd-9-Hinght; TCDL=A60; Hogds (= Data) = 0.05; H=201; Cat = 1.05; Cl=1.00; Cl=1.01;         4) TCLL: ASCE - T-16; Pul=2 To yot (Lum DOL=1.15) Is=1-10; Rough Cat C; Fully Exp; Ce=0.9; Cs=1.00; CL=1.01;         5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint C and 636 lb uplift 1;         10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1;         11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord;         11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord;         12) Read + Snow (balanced); Lumber Increase=1.15; Plate Increase=1.15; Uniform Loads (bf) Vert; C-D=-27         Continued on page 2         WHINNC - Verty design parametes add EAD NOTES ON			0 (Ib) or less except when shown.			
NOTES-  1) 2-ply truss to be connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. 9 All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. 9 Wind: ASCE 7-16; VIII-15mpl (3-second gust) Yasde-91mph; TCDL=6, 0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed; end vertical left and right exposed; end vertical left and right exposed; end trainage to prevent water ponding. 9 All plates are MT2D plates unless otherwise indicated. 10 This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 8 Refer to gifter(s) for truss to truss connections. 9 Provide mechanical connection. (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint C and cas (pli) 1) Graphical purini representation does not depict the size or the orientation of the purini along the top and/or bottom chord. LOAD CASE(S) Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pli) Vert: C-D=-27 Continued on page 2  MARMNO: Wedge parameters and READ NOTES ON THIS ADD MOLUPED MTEX REFERENCE PAGE MI-7A7 are: M2020 BEFORE USE.  Physical parameters and READ NOTES ON THIS ADD MOLUPED MTEX REFERENCE PAGE MI-7A7 are: M2020 BEFORE USE.  Physical parameters and READ NOTES ON THIS ADD MOLUPED mark with any of perior provemic tool anady and perison provemic tool and prove propagameter	BOT CHORD C-D=-70	07/1171				
<ul> <li>1) 2-ply truss to be connected together with 10d (0.131*3') nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.</li> <li>2) All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.</li> <li>3) Wind: ASCE 7-16; Vill-115mpl (3-second gust) Yasa' d-9-10mp, 'LOL-6.0ps; FL2CIC. Cat. II; Exp. C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed; C-C for methers and forces &amp; MWFRS for reactions show; Lumber DOL=1.33 plate grip DOL=1.33</li> <li>4) TCLL: ASCE 7-16; VIEL sufficient of the load on concourrent with any other live loads.</li> <li>8) Refer to grider(s) for truss to threwise indicated.</li> <li>7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to grider(s) for truss to threwise indicated.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joi</li></ul>		00/1567				
Boitom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. 2) All loads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. 3) Wind: ASCE 7-16; VIII-115mph (3-second gust) Vaad-91mph; TCDL=6.0psf; ECDL=6.0psf; ECLL=6.10; WWFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33 1) TCLL: ASCE 7-16; VIII-25.0 psf (Lum DOL=1.15) Plate DOL=1.15; III: 91.0; Rough Cat C; Fully Exp;; Ce=0.9; Cs=1.00; Ct=1.10 5) Provide adequate drainage to prevent water ponding. 8) All plates are MT20 plates unless otherwise indicated. 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 8) Refer to girder(s) for truss to truss connections. 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint D. 10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>LOAD CASE(S)</b> Standard 1) Dead + Show (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: C-D=-27 <b>Continued on page 2</b> <b>WRNNG-</b> Verdy design parameters and READ NOTES ON THIS AND INCLUED MITEK REFERENCE PACE MI-7473 wry. 5/19/2020 BEFORE USE. Design valid for use only With MTe% connections. This design is based only upon parameters show, and is for an individual Building Comporent. nd a truss system. Before use, the building designer must wrify the applicability of design parameters	1) 2-ply truss to be connect			9-0.00		
<ul> <li>2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.</li> <li>3) Wind: ASCE 7-16; Vull=115mph (3-second gust) Vasd=91mph; TCDL=6.0ps; h=20t; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces &amp; MWFRS for reactions show; Lumber DOL=1.33 plate grip DOL=1.33</li> <li>4) TCLL: ASCE 7-16; PI=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10</li> <li>5) Provide adequate drainage to prevent water pronding.</li> <li>6) All plates are MT20 plates unless otherwise indicated.</li> <li>7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to girder(s) for truss to truss connections.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15</li> <li>Uniform Loads (pfl) Vert: C-D=-27</li> <li>WARNING - Vertry design parameters and PRO2 MITEX REFERENCE PAGE MI-747a vs. 5/12020 BEFORE USE.</li> <li>Design valid for use only with MTe86 connectors. This design based only upon parameters shown, and is for an individual building component, not at thes system. Betore use, the building designer must verty the applicability of design parameters and procy incorporate this design into the overall building</li></ul>	Bottom chords connect	ed as follows: 2x6 - 2 rows sta				
<ul> <li>3) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWRFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed; c-C for members and forces &amp; MWFRS for reactions shown; Lumber DOL=1.33 tale grip DOL=1.33</li> <li>4) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10</li> <li>5) Provide adequate drainage to prevent water ponding.</li> <li>6) All plates are MT20 plates unless otherwise indicated.</li> <li>7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to girder(s) for truss to truss connection.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15, Uniform Loads (plf) Vert: C-D=-27</li> <li>Continued on page 2</li> <li>WARNING - Vertly design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 nev. 5/19/2020 BEFORE USE.</li> <li>Design valid for use only with MTeRe§C connectors. This design is based only upon parameters shown, and is for an individual building component, nd a truss system. Before use, the building designer must welfly the applicability of design parameters shown, and is for an individual building component, nd a truss system. Before use, the building designer must welfly the applicability of design parameters and prevery building design and members only. Additional temporery and permanent bracing</li> </ul>	2) All loads are considered	d equally applied to all plies, e			section. Ply to	
exposed:C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33 4) TCLL: ASCE 7-16; PF=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10 5) Provide adequate drianage to prevent water ponding. 6) All plates are MT20 plates unless otherwise indicated. 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint D. 10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>LOAD CASE(S)</b> Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: C-D=-27 <b>Continued on page 2</b> <b>WARNING - Verity design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.</b> Design valid for use only with MIT Refe 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 werify the applicability of design parameters and properly incorporate this design into the overall building designer. Bracing in dividual truss web and/or chord members only. Additional temporary and permanent bracing	3) Wind: ASCE 7-16; Vult-	=115mph (3-second gust) Vas	sd=91mph; TCDL=6.0psf; BCDL=6	6.0psf; h=20ft; Cat. II; Exp C; End	,	
<ul> <li>6) All plates are M12U plates unless otherwise indicated.</li> <li>7) This truss has been designed for a 10.0 pst bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to girder(s) for truss to truss connections.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27</li> <li>Continued on page 2</li> <li>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters show, 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 in the overall building designer must verify the applicability of design parameters only and permaneter braining</li> </ul>	exposed;C-C for memb	ers and forces & MWFRS for	reactions shown; Lumber DOL=1.	33 plate grip DOL=1.33		OF MIL
<ul> <li>8) Refer to girder(s) for truss to truss connections.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27</li> <li>Continued on page 2</li> </ul>						TE OF MISSOL
<ul> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 655 lb uplift at joint C and 636 lb uplift at joint C and 636 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27</li> <li>Continued on page 2</li> </ul> WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/202 0BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters and roperty incorporate this design into the overall building designer must verify the applicability of design parameters and roperty incorporate this design into the overall building designer must verify the applicability of design parameters and roperty incorporate this design into the overall building designer must verify the applicability of design parameters and property incorporate this design into the overall building designer must verify the applicability of design parameters and property incorporate this design into the overall building designer must verify the applicability of design parameters and property incorporate this design into the overall building designer must verify the applicability of design parameters and property incorporate this design into the overall building designer must verify the applicability of design parameters and property incorporate this design into the overall building designer must verify the applicability of design parameters and property incorporate this design into the overall building designer must verify the applicability of design parameters and property. Additional temporary and permanent bracing			hord live load nonconcurrent with	any other live loads.		
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building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing	Design valid for use only with	n MiTek® connectors. This design is b	based only upon parameters shown, and is	for an individual building component, not		
fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component 16023 Swingley Ridge Rd	building design. Bracing ind is always required for stabilit	icated is to prevent buckling of individ y and to prevent collapse with possibl	ual truss web and/or chord members only. e personal injury and property damage. Fo	Additional temporary and permanent brac		MiTek°

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16023 Swingley Ridge Rd Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS	
					148467949	
211286	B04	ROOF SPECIAL	2	2		
				<b>_</b>	Job Reference (optional)	
Heartland Truss, Inc,	Plattsburg, MO - 64477,	8.430 s Aug 16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:48 2021 Page 2				
			ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-YHzOGxtq504a27CrgilHaU9Khq1AJSp_AF12ltyREY5			

Trapezoidal Loads (plf) Vert: A=-130-to-B=-157

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



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The state	Heartland Truss, Inc,	Plattsburg, MO - 64477,			430 s Aug	16 2021 MiTek Industrie	s, Inc. Thu Oct 21 09:06:51 2021 Page 1
<page-header>          Apple of the second second</page-header>			<b> </b>	3-10-8	XG_g/GR	9ipvvkz/150-ystAuzvilvx5	9vbwQLrs_C7nrB13xvpgQSDFIVCyRE12
Image: State of the state				0-10-0			Scale = 1:44.8
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1       100         2:103         2:103         2:103         2:103         2:103         2:103         2:103         2:103         2:103         2:103         2:103         2:103         2:103         1:100       1:100       1:100       1:100       1:1000						2	
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But 0 = 3.05 H         CDUNKG (rd) (TOUL 10.00 DOUL 0.00 DOUL 0.00 D							
Lunc         Column 1000         Column 2000       Plane Grip DOL       1.5       Column 2000							
CARONS (pr)       SPACING: 2.8-0       CS: 0       DFL       in (bo) Vidifi       Ldd       PLATES       Owner the control of the contro			8x10 —				
TCLL       25.0       SPALMC       C3.       10       UPL1       In (00 C2) sees 12       C3       C3         (Rod Stow-22-30)       Res Stress inter 100       115       C0.07       Weit(1)       0.00       C2 sees 210       Mithed C2         (Rod Stow-22-30)       Res Stress inter 100       Mithed C2       0.00       C       n/a       Mithed C2       Mithed C2         BCLL       10.0       Code IBC20187TP2014       Marrix-MP       Marrix-MP       Mergin: 8-8, B-5, except end verticals. Except:         COLDED 2x6 SP No.1       50-00 cputinisx-RB, B-5, except end verticals. Except:       60-00 cputinisx-RB, B-5, except end verticals. Except:       60-00 cputinisx-RB, B-5, except end verticals. Except:         COLDED 2x4 SP No.1       BCT CHORD 2x4 SP No.1         WEBS       1.8 w Hzrz D-e8400F2.05       BCT CHORD 2x4 SP No.1       BCT CHORD 2x4 SP No.1       BC         SOT CHORD 2x4 SP No.1       Exception       Negl Celling directly sphiled or 10-0-0 oc bracing: BC         SOT CHORD 2x4 SP No.1       Exception       Negl Celling directly sphiled or 10-0-0 oc bracing: BC         SOT CHORD 2x4 SP No.1       Exception       Negl Celling directly sphiled or 10-0-0 oc bracing: BC         SOT CHORD 2x4 SP No.1       Exception       Negl Celli				3-10-8			
TCDL       10.0       Limitati Duit.       1.15       Bit Duit.       1.00       Vert(C1)       4.00       Coll       Mark	TCLL 25.0			Vert(LL) -0.0	0 C-D		
BCDL     10.0     Code     IDC/011/12/014     Mattrix-MP     Weight is to b     r = 20%       UMBER     70° CHORD     26 SP No.1     50° CHO	TCDL 10.0						MT18HS 244/190
TOP CHORD 226 SP No.1 TOP CHORD 226 SP No.1 COUNTS: A-8, B-E, except end verticals. Except: 6-00 ob brains: B-E, except end verticals. Except: A more and B-D except: 70 of hords: Connected as follows: 2-4-1 row at 0-90 oc. 70 of hords: Connected as follows: 2-4-1 row at 0-90 oc. 70 of hords: Connected as follows: 2-4-1 row at 0-90 oc. 70 of hords: Connected as follows: 2-4-1 row at 0-90 oc. 70 of hords: Connected as follows: 2-4-1 row at 0-90 oc. 70 of hords: Connected as follows: 2-4-1 row at 0-90 oc. 70 of hords: Connected as fores: A WFR S for reactions have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. 70 of hords: Connected as fores & WFR S for reactions have been provided to distroke torus in the data. 70 This have is designed in accordance with the 2018 International Building Code exclose 1: 00 CL = 1: 15; Is=10. Rough Cat C; Fuily Exc; Ca=0.9; Ca=1.00; Cl=1.10; 70 of MISBER 70 of MISBER 70 of MISBER 70 of MISBER 70 of MISBER 7		Code IBC2018/TPI201	4 Matrix-MP				Weight: 85 lb FT = 20%
WEBS       2/4 5P No.3 "Except"       D0-0-0 ob bracing: P-E BOT CHORD       D0-0-0 ob bracing: P-E Rigid celling directly appled or 10-0-0 ob bracing.         REACTIONS       (size) C-0-58. D-Mechanical Max Horz D=439(LC 13) Max Grav C=716(LC 12). D=637(LC 13)       B-E         FORCES       (b) Max. Comp.Max. Ten All forces 250 (lb) or less except when show. DDP CHORD       D-2-3740(S, B-C=-913)(20)         FORCES       (b) Max. Scept-1.       AD-2-3740(S, B-C=-913)(20)         BOT CHORD       D-2-3230(S, B-C=-913)(20)         BOT CHORD       D-2-3230(S, B-C=-913)(20)         BOT CHORD       D-2-3230(S, B-C=-913)(20)         BOT CHORD       D-2-3230(S, B-C=-913)(20)         VEBS       B-D=2-2530(S, B-C=-913)(20)         NUESS       B-D=2-2530(S, B-C=-913)(20)         VEBS       B-D=2-2530(S, B-C=-913)(20)         NUESS       B-D=2-2530(S, B-C=-913)(20)         VEBS       B-D=2-2530(S, B-C=-913)(20)         NUESS       B-D=2-2530(S, B-C=-913)(20)         NUESS       B-D=2-2530(S, B-C=-913)(20)         Statistic develops apple and zone and C-C Corres (staggered at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. 2x4 - 1 row at 0-9-0 oc.         Statistic develops apple and zone and C-C Corres(3) zonc. calliver eff and night exposed: on a vortical left and night	TOP CHORD 2x6 SP No						ept end verticals. Except:
WEBS       1 Row at midpt       B-E         REACTIONS.       (size)       Co-5-8, D-Mechanical Max Horz D-489(LC 13) Max Uplit C-648(LC 11), D-435(LC 10) Max Grav C-716(LC 12), D=657(LC 13)         FORCES.       (b)       Max. Comp./Max. Ten All forces 250 (lb) or less except when shown.         TOP CHORD       C-D-237(Mos B-G-913/1920         BOT CHORD       C-D-264(LC 12), D-657(LC 13)         WEBS       B-D-2632(r1530         NOTES       0)         1)       2-bj truss to be connected as follows: 254 - 17 ow at 0-90 oc.         2)       All cads are considered equally applied to all Diles, except if noted as for 0 (f) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distitution only loads and to 9-90 oc.         2)       All cads are considered equally applied to all Diles, except if noted as f(f) or (b), unless otherwise indicated.         3)       Wint ASCE 7-16; ViLt-115mp (3-second gust) Wasd-91mph; TCDL=6.0psf; h=201; Cat. II; Exp C: Enclosed: MWFRS (envelope) gable and cone and C-C Corren(3) zonc: calliver left and fight exposed: and vertical left and right exposed: C-16 (Pr=2.50 NG (Lum DOL-115); I=-10; Rough Cat C; Fully Exp; Ce-0.9, Cs=-100; Ct=-10         5)       Provide adeguate drainage to prevent water ponding.         6)       Provide mechanical connection (b) or bus to bearing plate capable of withstanding 654 lb uplit at joint C and 635 lb uplit i, int truss has been designed for a 10.0 pst bottom chord.         LOAD CASE(S) Standard	WEBS 2x4 SP No	o.3 *Except*			10-0-0 o	c bracing: B-E	
Mar Horz D-489(LC 13) Max Upitic C-489(LC 11), D=635(LC 10) Max Grav C=716(LC 12), D=657(LC 13) FORCES. (b) - Max. Comp. Max. Ten All forces 250 (b) or less except when shown. TOP CHORD C -D686/102 WEBS B-D-2632/1530 NOTES	C-E: 2x6 \$	SP 2400F 2.0E					
Max Grav C=716(LC 12), D=657(LC 13) FORCES. (b) - Max. Comp.Max. Ten All forces 250 (b) or less except when shown. TOP CHORD A-D=-237(A6, B, C=-913(1920) BOT CHORD C-D=666(1102) WEBS B-D=-2632(1530) <b>NOTES</b> 1) 2-ply truss to be connected together with 10d (0.131*/3") nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc. 2x6 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x4 - 1 row at 0-9-0 cc. Webs connected as follows: 2x6 - 2 rows staggered at 0-9-0 cc. Sector 10; Unit Prints Print (Prints) (Prints) for 100; Definition 10; Definitio	Max Horz	z D=489(LC 13)					
TOP CHORD A-D=-237/405, B-C=913/1920 BOT CHORD C-D=-666/1102 WEBS B-D=-2632/1530 NOTES- 1) 2-ply trues to be connected together with 10d (0.131*x3') nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc. 2x6 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distibute only loads noted as (F) or (B), unless otherwise indicated. 3) Wind: ASCE 7-16; IVIII-115mpt (3-second gust) Vasd=91mpt; TOLL=6.0ps; ISODL=6.0ps; ISODL=6.0pc; ISOLD=6.0ps; ISODL=6.13 4) TCLL: ASCE 7-16; IVIII-15 plate IOCL=1.15 Plate DOL=1.15; ISI = DOL=1.33 1) TCLL: ASCE 7-16; IVIII-115mpt (3-second gust) Vasd=91mpt; TOLL=6.0ps; ISODL=6.0ps; ISODL=6.0pc; ISOLD=6.0pc; ISOLD=6.0							
TOP CHORD A-D=-237/405, B-C=913/1920 BOT CHORD C-D=-666/1102 WEBS B-D=-2632/1530 NOTES- 1) 2-ply trues to be connected together with 10d (0.131*x3') nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc. 2x6 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distibute only loads noted as (F) or (B), unless otherwise indicated. 3) Wind: ASCE 7-16; IVIII-115mpt (3-second gust) Vasd=91mpt; TOLL=6.0ps; ISODL=6.0ps; ISODL=6.0pc; ISOLD=6.0ps; ISODL=6.13 4) TCLL: ASCE 7-16; IVIII-15 plate IOCL=1.15 Plate DOL=1.15; ISI = DOL=1.33 1) TCLL: ASCE 7-16; IVIII-115mpt (3-second gust) Vasd=91mpt; TOLL=6.0ps; ISODL=6.0ps; ISODL=6.0pc; ISOLD=6.0pc; ISOLD=6.0	FORCES. (Ib) - Max. Co	omp./Max. Ten All forces 25	) (lb) or less except when shown.				
NOTES- 1) 2-ply truss to be connected together with 10d (0.131*X3") nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. 2) All loads are considered equally applied to all plies, except if noted as fort (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. 3) Wind: ASCE 7-16; IV-14=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; B-201t; Cat. II; Exp C; Enclosed; MWFRS (nervelope) gable end zone and C-C Correr(3) zone; cantifiever left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33 1) TCLL: ASCE 7-16; IV-14=50, pdf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully Exp; Ce=0.9; Cs=1.00; Cl=1.10 5) Provide adequate drainage to prevent water ponding. 6) All plates are MT20 plates unless otherwise indicated. 1) This truss has been designed for a 10.0 ps bottom chord live load nonconcurrent with any other live loads. 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at 1) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 1) Deard +Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vet: C-D=-27 Cotober 22, 2021 <b>EXENCE-Vety design trues desonder READ NOTES NDISCUEDED MTER REFERENCE PACE MIH7475 vs. 5192020 BEFORE USE.</b> Design wild have bead negated the 20 NTISA ND INCLUEDED MTER REFERENCE PACE MIH7475 vs. 5192020 BEFORE USE.	TOP CHORD A-D=-23	37/405, B-C=-913/1920					
<ul> <li>1) 2-ply truss to be connected together with 10d (0.131*x3") nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.</li> <li>2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only bads noted as (F) or (B), unless otherwise indicated.</li> <li>3) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; canliever left and right exposed; end vertical left and right exposed; C-C for members and forces &amp; MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33</li> <li>1) TCLL: ASCE 7-16; PL-25.0 pf (Lum DOL=1.15); Is=1-0; Rough Cat C; Fully Exp; Ce=0.9; Cs=1.00; Ct=1.10</li> <li>5) Provide adequate drainage to prevent water ponding.</li> <li>6) All plates are MT20 plates unless otherwise indicated.</li> <li>7) This truss has been designed for a 10.0 pst bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to girder(s) for truss to truss connections.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purfin representation does not depict the size or the orientation of the purfin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pfi) Vert: C-D=-27</li> <li>Contoures 2</li> <li>WARNING-Verty deep parameters and READ NOTES ON THIS AND INCLUDED MITEK REPERENCE PACE MI-Y473 rev. 5/19/2020 BEFORE USE.</li> <li>Vertimed for use only with MTENE connections. This design is based only</li></ul>	WEBS B-D=-26	332/1530					
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc. Webs connected as follows: 2x6 - 2 rows at 0.9-0 oc. 2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. 3) Wind: ASCE 7-16; VIII-115mph (3-second gust) Vaad-91mph; TOLL=6.0ps; FBCDL=6.0ps; FL=20ft; Cat. II; Exp C; Enclosed; MVFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed ; end vertical left and right exposed; C- for members and forces & MVFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33 4) TOLL: ASCE 7-16; VII=25.0, psf (Lum DOL=1.15); Is=1.0; Rough Cat C; Fully Exp; Ce=0.9; Cs=1.00; Ct=1.10 5) Provide adequate drainage to prevent water ponding. 6) All plates are MT20 plates unless otherwise indicated. 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 8) Refer to girder(s) for truss to truss connections. 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at joint D. 10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>LOAD CASE(S)</b> Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: C-D==27 <b>Continued on page 2</b> <b>WARNING - Vertiv design parameters and READ NOTES ON THIS AND INCLUDED INTER REFERENCE PACE MIH-747 sev. 5/19/2020 BEFORE USE.</b> <b>Design value for use only with MTeske connects.</b> <b>The Section</b> . This design is based only upon parameters shown, and is for an individual building component, not		cted together with 10d (0.131	x3") nails as follows:				
<ul> <li>2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.</li> <li>3) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=31mph; TCDL=6.0p5; H2OL1c. (a.I. I; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Correr(3) zone; cantilever left and right exposed; end vertical left and right exposed; C for members and forces 8 MWFRS for reactions shown, Lumber DOL=1.33 plate grip DOL=1.33</li> <li>4) TCLL: ASCE 7-16; Pt=25.0, psf (Lum DOL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10</li> <li>5) Provide adequate drainage to prevent water ponding.</li> <li>6) All plates are MT20 plates unless otherwise indicated.</li> <li>7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to girder(s) for truss to truss connection.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15, Uniform Loads (plf) Vert: C-D=-27</li> <li>Continued on page 2</li> </ul> WMNNKC - Verly design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MIF-473 new. 5/9/2020 BEFORE USE. Design value for use only upon parameters shown, and is for an individual building component, not				I-0 oc.			
<ul> <li>3) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Cormer(3) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces &amp; MWFRS for reactions shown; Lumber DDL=1.33</li> <li>4) TCLL: ASCE 7-16; PI=25.0 psf (Lum DDL=1.15 Plate DDL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10</li> <li>5) Provide adequate drainage to prevent water ponding.</li> <li>6) All plates are MT20 plates unless otherwise indicated.</li> <li>7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to girder(s) for truss to truss connections.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (kalanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (pf) Vert: C-D=-27</li> <li>Continued on page 2</li> </ul>			except if noted as front (F) or back	(B) face in the LOAD C	ASE(S) s	ection. Ply to	
exposed; C- C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33 4) TCLL: ASCE 7-16; PI=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10 5) Provide adequate drainage to prevent water ponding. 6) All plates are MT20 plates unless otherwise indicated. 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 8) Refer to grider(5) for truss to truss connections. 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at joint D. 10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>LOAD CASE(S)</b> Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27 Continued on page 2 WARNING - Vertly design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/202 BEFORE USE. Design valid for use only with MITeK WED MITEK REFERENCE PAGE MII-7473 rev. 5/19/202 BEFORE USE. Design valid for use only with MITeK with MITEK REFERENCE PAGE MII-7473 rev. 5/19/202 BEFORE USE.					xp C; Enc	losed;	
<ul> <li>b) Provide adequate drainage to prevent water ponding.</li> <li>c) All plates are MT20 plates unless otherwise indicated.</li> <li>c) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>c) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at joint D.</li> <li>c) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>c) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>c) This truss is designed in accordance with the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>c) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15</li> <li>Uniform Loads (plf)</li> <li>Vert: C-D=-27</li> <li>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.</li> <li>Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not</li> </ul>						nt	ATTER
<ul> <li>6) All plates are MT20 plates unless otherwise indicated.</li> <li>7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to girder(s) for truss to truss connections.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at joint D.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27</li> <li>Continued on page 2</li> </ul> WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev.5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not				; Fully Exp.; Ce=0.9; C	s=1.00; C	t=1.10	E OF MISS
<ul> <li>8) Refer to girder(s) for truss to truss connections.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 654 lb uplift at joint C and 635 lb uplift at joint C.</li> <li>10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>LOAD CASE(S) Standard</li> <li>1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27</li> <li>Continued on page 2</li> <li>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not</li> </ul>	6) All plates are MT20 pla	ates unless otherwise indicated	1.	anv other live loads.			SCOTT M
joint D. 10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. LOAD CASE(S) Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27 Continued on page 2 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not	8) Refer to girder(s) for tru	uss to truss connections.			t C and 6	35 lb uplift at 🛛 🔫	
1. 11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. LOAD CASE(S) Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27 Continued on page 2 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not	joint D.			. ,			Stor Souther
LOAD CASE(S) Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27 Continued on page 2 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not	1.		-			V	NUMBER
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: C-D=-27 Continued on page 2	,					1	NA ISA
Vert: C-D=-27 Continued on page 2 Continued on page 2 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not	1) Dead + Snow (balance		ate Increase=1.15				STONAL EN
Continued on page 2 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not							Acces.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not	Continued on page 2						
	Design valid for use only wit	th MiTek® connectors. This design is b	ased only upon parameters shown, and is for	or an individual building comp	oonent, not		

Design valid or use only with with exercenteedors. This design is based only upon parameters shown, and is for an individual nucleon geometry incorporate 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 building at the prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS	
					148467950	
211286	B05	ROOF SPECIAL	2	2		
				<b>_</b>	Job Reference (optional)	
Heartland Truss, Inc,	Plattsburg, MO - 64477,		8	3.430 s Aug	g 16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:51 2021 Page 2	
			ID:VRQWsA7JYYXG_g7Gf9lpWkz7f5o-ysfXuzviNxS9vbwQLrs_C7nrB13xVpgQsDFivCyREY2			

Trapezoidal Loads (plf)

Vert: A=-130-to-B=-157

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job	Truss	Truss Type	Qty Ply	Harmon - Chipotle - La	S I48467951
211286	B06	ROOF SPECIAL	<sup>2</sup> <b>2</b>	Job Reference (option	
Heartland Truss, Inc,	Plattsburg, MO - 64477,			g 16 2021 MiTek Industr	ies, Inc. Thu Oct 21 09:06:52 2021 Page 1 0XIVcvYNDkKJ0BRQDEG?a5s?FRfyREY1
		<b>⊢</b>	3-10-8 3-10-8		
			E		Scale = 1:44.8
				Ţ	
			$\boxtimes$	q	
		o (		8-3-0	
		2x4	7x10 MT18HS :	=	
		2-4-5		545	
		D	C		
		8x10 =	0.40.11		
			3-10-8 3-10-8		
LOADING (psf) TCLL 25.0	SPACING- 2-8		DEFL. in (loc)	l/defl L/d >999 240	PLATES GRIP MT20 244/190
(Roof Snow=25.0) TCDL 10.0	Lumber DOL 1.	15 TC 0.78 15 BC 0.06 NO WB 0.27	Vert(LL) -0.00 C-D Vert(CT) -0.00 C-D Horz(CT) 0.00 C	>999 180	MT18HS 244/190
BCLL         0.0           BCDL         10.0	Code IBC2018/TPI201			174 174	Weight: 85 lb FT = 20%
LUMBER- TOP CHORD 2x6 SP No	5.1		BRACING- TOP CHORD 2-0-0 o	c purlins: A-B, B-E, ex	cept end verticals. Except:
BOT CHORD 2x6 SP No WEBS 2x4 SP No	o.1 o.3 *Except*			c bracing: B-C oc bracing: B-E	
C-E: 2x6 S	SP 2400F 2.0E			eiling directly applied of at midpt B-	
Max Horz	C=0-5-8, D=Mechanical D=489(LC 13)	10)			
	t C=-654(LC 11), D=-635(LC C=716(LC 12), D=656(LC 13				
	7/404, B-C=-908/1918 28/1038	) (Ib) or less except when shown.			
NOTES-					
Top chords connected a		0 oc, 2x6 - 2 rows staggered at 0-9	Э-0 ос.		
Webs connected as follow	ed as follows: 2x6 - 2 rows sta ows: 2x4 - 1 row at 0-9-0 oc.	xcept if noted as front (F) or back	(B) face in the LOAD CASE(S)	section Ply to	
ply connections have be	een provided to distribute only	v loads noted as (F) or (B), unless d=91mph; TCDL=6.0psf; BCDL=6	otherwise indicated.		
MWFRS (envelope) gat	ble end zone and C-C Corner	(3) zone; cantilever left and right e reactions shown; Lumber DOL=1.	xposed ; end vertical left and rig		ATTEN
4) TCLL: ASCE 7-16; Pf=2		e DOL=1.15); Is=1.0; Rough Cat C	1 01	Ct=1.10	OF MISS
6) All plates are MT20 plat	tes unless otherwise indicated		any other live loads.		SCOTT M. E
<ul><li>8) Refer to girder(s) for tru</li><li>9) Provide mechanical corr</li></ul>		bearing plate capable of withstan	ding 654 lb uplift at joint C and	635 lb uplift at	SEVIER
joint D. 10) This truss is designed	in accordance with the 2018	International Building Code section	n 2306.1 and referenced standa	Ird ANSI/TPI	goott Serlin
1. 11) Graphical purlin repres	sentation does not depict the	size or the orientation of the purlin	along the top and/or bottom ch	ord.	NUMBER PE-2001018807
LOAD CASE(S) Standard		ate Increase-1 15			N. T.
Uniform Loads (plf) Vert: C-D=-27	d): Lumber Increase=1.15, Pla				STONAL ENCL
Continued on page 2					October 22,2021
WARNING - Verify design		IS AND INCLUDED MITEK REFERENCE P/			
a truss system. Before use, t	he building designer must verify the a	ased only upon parameters shown, and is pplicability of design parameters and prope al truss web and/or chord members only.	rly incorporate this design into the overa	II	
is always required for stability		e personal injury and property damage. Fo		-	16023 Swingley Ridge Rd

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

16023 Swingley Ridge Rd Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS
					I48467951
211286	B06	ROOF SPECIAL	2	2	
				<b>_</b>	Job Reference (optional)
Heartland Truss, Inc, P	lattsburg, MO - 64477,		8	.430 s Aug	16 2021 MiTek Industries, Inc. Thu Oct 21 09:06:52 2021 Page 2

ID:VRQWsA7JYYXG\_g7Gf9lpWkz7f5o-Q2Dv6lwK8Ea0XIVcvYNDkKJ0BRQDEG?a5s?FRfyREY1

LOAD CASE(S) Standard Trapezoidal Loads (plf)

Vert: A=-130-to-B=-157

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



And the result of the result o	Job	Truss	Truss Type	Qty Ply	Harmon - Chipotle - LS	S 148467952
DUNCHAVITY OF SPECIAL PLANE AND ALL AN	211286	B07	ROOF SPECIAL	2	2 Job Reference (optional	al)
3 rdf       r <td>Heartland Truss, Inc,</td> <td>Plattsburg, MO - 64477,</td> <td></td> <td></td> <td></td> <td></td>	Heartland Truss, Inc,	Plattsburg, MO - 64477,				
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OADNO (prif) CTL         SPACING- 2.6.0         2.8-0 Plate Grip DOL         1.15 1.5         CSL         DEFL VertIL         in (bo)         Videt         Lid         PLATES         ORIP           Koot Snow-25.00 (CLL         0.0         Code 16.00         1.15         BC         0.00         PLATES         ORIP           CCL         0.0         Code 16.00         1.15         BC         0.00         PLATES         ORIP           VEX.01         0.0         Code 16.00         Code 16.00         PLATES         ORIP           VEX.01         0.0         Code 16.00         PLATES         ORIP           VEX.02         Code 17.00         Code 16.00         PLATES         ORIP           VEX.02         Code 7.8         PLATES         ORIP         PLATES         ORIP           VEX.02         Code 7.8         PLATES         DEFL         TOP CHORD         2.0-00 cpurine: AB, B-E.         Except:         E-0-00 cpurine: AB, B-E.         Except:         Except:			L	3-10-8		
CitL       25.0       PPA/N       2-3.1       CitL       76       User L       in the form of CitL       1.1.1	LOADING (nsf)		1			
CDL       10.0       Lindber Dublic       11.0       Use of the constraint of the constra	TCLL 25.0				<i>'</i>	
Link       Unit       Code       IBC 2018/JTPI2014       Matrix-MP       Weight: 65 Ib       FT = 20%         UMBER- OP CHORD       2xd SP No.1       FT = 20%       BRACING- TOP CHORD       2x4-9 oc purifie: A-B, B-E, except end verticals. Except: 6-0-0 oc bracing: B-C       5-0-0 oc purifie: A-B, B-E, except end verticals. Except: 6-0-0 oc bracing: B-C         UMBER- UT CHORD       2xd SP No.1       FT = 20%       BT CHORD       2x4-9 oc purifie: A-B, B-E, except end verticals. Except: 6-0-0 oc bracing: B-C         UBER- UT CHORD       C-E: 2xd SP 2400F 2.0E       BT CHORD       FUId C-Site(1C1)       B-E         UP CHORD       Avg SP No.1       B-E       BT CHORD       FUId C-Site(1C1)         WEAS       C-E: 2xd SP 2400F 2.0E       BT CHORD       FUId C-Site(1C1)       B-E         UP CHORD       Max Carv C-Array (LC 12)       D=F4/LC 24       WEBS       B-C       BT CHORD       FUId C-Site(1C1)         UP CHORD       Avg Carv (Axg. Carv (	TCDL 10.0					MT18HS 244/190
CPC CHORD       226 SP No.1       TOP CHORD       22.4 SP No.3 "Except"       60-0 oc braining: B-C         VEBS       22.4 SP No.3 "Except"       10-0-0 oc braining: B-C       10-0-0 oc braining: B-C         WEBS       (size)       C-0-54, D-Mechanical       Nax Horz D-480(LC 10)       Nax Horz D-480(LC 12), D-440(LC 24)         WEBS       (size)       C-0-273(LC 12), D-674(LC 24)       WEBS       Nax Grav C-732(LC 12), D-674(LC 24)         WEBS       B-D =2507(H473)       B-E       B-E         VOT CHORD       Ava. Sci (Add, B, C-917)1330       B-E         YeBS       B-D =2507(H473)       B-D =2507(H473)         VOTE CHORD       Ava. Sci (Add, B, C-917)1330       B-D =2507(H473)         VOTE S       -10 -0 -0 0.5 -0 01/97       Staggered at 0-9-0 oc.         YeBS       B-D =2507(H473)       B-D =2507(H473)         VOTE S       -10 -0 -0 0.5 -0 01/97       Staggered at 0-9-0 oc.         Vote S       C-10 -0 01/97       Staggered at 0-9-0 oc.         Vote S       Staggered at 0-9-0 oc.       B-D =2507(H473)         Viet ASC 7-16, PL-250, Del (Lum DOL-115)       File (add)						Weight: 85 lb FT = 20%
VOT CHORD       2:6 SP No.1       6-0-0 co brancing. B-C         VEBS       2:2:0:2 SP 2400F 2.0E       BOT CHORD       10-0-0 co brancing. B-C         Rigit celling directly applied or 10-0-0 co brancing.       Rigit celling directly applied or 10-0-0 co brancing.         Max Upit C-588(LC 10).       Max Upit C-688(LC 10).       BEC         Max Upit C-688(LC 11).       D=404(LC 24)       B-E         VORCES.       (b) - Max. Comp./Max. Ten All forces 250 (b) or less except when shown.       D-C-601976         OP CHORD       AD=261(428, B-C=917/1930       D-D=2619776         VEBS       B-D=2507/1473       D-D=261976         CFT: 26 SP No.1 (was to be connected as follows: 2:0 (b) or less except when shown.         OP CHORD       AD=2614/28, B-C=917/1930       D-D=2607/1473         CFT: 26 SP No.1 (was to be connected as follows: 2:4 - 1 (ow at 0-90 co. 2:40 - 2:0 ow staggered at 0-9-0 co.         Mybit connection as follows: 2:4 - 1 (ow at 0-90 co. 2:60 - 2:0 ow staggered at 0-9-0 co.       Execution of the connected as follows: 2:4 - 1 (ow at 0-90 co. 2:60 - 0:70 - 0	LUMBER-	5.1				ent and varticals Excent
C-E: 2x6 SP 2400F 2.0E BOT CHORD WEBS Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt B-E EACTIONS. (size) C-05-8, D-Mechanical Max Upit C-658(LC 11), D=640(LC 10) Max Upit C-658(LC 11), D=640(LC 10) Max Upit C-658(LC 11), D=640(LC 10) Max Grav C-732(LC 12), D=674(LC 24) CMCES. (tb) - Max. Comp.Max. Ten All forces 250 (b) or less except when shown. CP C+100P A-D=261/428, B-C=-917/1930 C-0-578 (B-D) - 2607(1473) CMCES. (tb) - Max. Comp.Max. Ten All forces 250 (b) or less except when shown. CP C+100P A-D=261/428, B-C=-917/1930 C-0-650(1976)	BOT CHORD 2x6 SP No	<b>b.1</b>		6-0-	0 oc bracing: B-C	epi enu venicais. Excepi.
<pre>EEACTIONS. (size) C=0-58, D=Mechanical Was Hoto D=+480(LC 10) Mas Hoto D=+480(LC 11), D==640(LC 12), D=674(LC 24) Was Hoto C=+580(LC 11), D==674(LC 24) West Correctly (b) - Max. Comp. AMax. Ten All forces 250 (b) or less except when shown. OP CHORD A=D==2617/1473 VDTC HORD A=D==2617/1473 VDTC HORD A=D==2617/1473 VDTS  2 - phy truss to be connected together with 10f (0.1315/37) nails as follows: Top chords connected as follows: 2A4 - 1 row at 0-49 oc. 2A6 - 2 rows staggered at 0-9-0 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. 2A6 - 2 rows staggered at 0-9-0 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. VM was connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. Wests connected as follows: 2A4 - 1 row at 0-49 oc. D Hota star for CFI: Wild=1TSmm (First For reactions shown; Lumber DoL-1-1.3 plate ing pDL = 1.33 D ToL: ASCE 7-16; PH=250 psf (Lum DOL=1.15; Its=10; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10 D = Provide adeguested rainage to prowent water provide to ada nonconcurrent with any other live loads. D Refer to grider(s) for truss to the size or the orientation of the puritin along the top and/or botom chord. D Not Lass to designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1, Carbinal puritin representatin does not depict the size or the orientation of the</pre>				BOT CHORD Rigid	d ceiling directly applied or	
Max Upilit C==658(Lc 11), D==640(Lc 24) Max Grav C=732(Lc 12), D=674(Lc 24) CPCES. (b) - Max. Comp./Max. Ten All forces 250 (b) or less except when shown. CP CHORD A=D=-2514/28, B=C=917/1930 IOT CHORD A=D=-2514/28, B=C=917/1930 IOT CHORD A=D=-2514/28, B=C=917/1930 IOT CHORD A=D=-2507/1473 CPCES PERS B=D==2507/1473 CPCES Person B=D==2507/1473 CPCES Person B=D==2507/1473 CPCES Note: 24 - 1 row at 0-9-0 oc. 246 - 2 rows staggered at 0-9-0 oc. Betorn chords connected as follows: 244 - 1 row at 0-9-0 oc. Webs connected as follows: 244 - 1 row at 0-9-0 oc. Webs connected as follows: 244 - 1 row at 0-9-0 oc. Webs connected as follows: 244 - 1 row at 0-9-0 oc. Webs connected as follows: 244 - 1 row at 0-9-0 oc. Webs connected as follows: 244 - 1 row at 0-9-0 oc. Webs connected as follows: 244 - 1 row at 0-9-0 oc. Webs connected as follows: 244 - 1 row at 0-9-0 oc. Webs connected as follows: 244 - 1 row at 0-9-0 oc. Webs connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. Wird: ASCE 7-16; PH=250 psf (Lum DOL=1.15; IS=10; Rough Cat C; Fully Exp.; Cac Li, Exp C; Enclosed; MWFRS (envelope) gable end zones and C-C Corner(3) zone; cantilever left and right exposed; c-d uvertical left and right exposed; c-f 10; PH=250 psf (Lum DOL=1.15; IS=10; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; CL=1.10; Provide actenciate connection (by others) of truss to bearing plate capable of withstanding 658 Ib upilit at joint C and 640 Ib upilit at joint D. 0 This truss is abeen designed for accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 0 cruber left grider(s) for truss to truss connections. 0 This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 0 cruber left grider(s) for truss to the size or the orientation of the puritin along the top and/or bottom chord is come date; the size or the orientation grider expable of the size				WEBS 1 Ro	ow at midpt B-	E
OPCRES. (b) - Max. Comp./Max. Ten All force 520 (b) or less except when shown. OP CHORD A-D-261/428, B-C=-917/1930 OT CHORD C-D-601/97 VEBS B-D-2507/1473 DTES ) 2-pt truss to be connected together with 100 (0.131*x3") nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Diverse connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Diverse connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Diverse connected as follows: 2x4 - 1 row at 0-9-0 oc. Diverse connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 c. Bottom chords of the 2D pottom chord live load noncocnurrent with any other live load			10)			
CPC CHORD A-D=261/428, B-C=917(1930) SIOT CHORD D: C-D=601/976 VEBS B-D=2507/1473 <b>IOTES</b> ) 2-ply truss to be connected together with 10d (0.131*X3*) nails as follows: To phords connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Net be connected as follows: 2x4 - 1 row at 0-9-0 ce. A lib cads are considered equally applied to all piles, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. ) Wind: ASCE 7-16; VILE115mph (3-second gust) Vasd=91mph; ToDL=6.0pst; BCDL=6.0pst; h=20t; Cas1.1; Exp C; Enclosed; MWFRS (service) gable end zone and C-C correct] zone; canlidever left and right exposed; i-ed vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33 ) TOLL: ASCE 7-16; PILE5D for (Lum DOL=1.15); I=s-10; Rough Cat C; Fully Exp; C=0-9; Cs=1.0; Cl=1.10 ) Provide adequate drainage to prevent water ponding. ) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint D. 0) This truss is designed for a 1.0, pst bottom chord live load nonconcurrent with any other live loads. ) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint D. 0) This truss is designed in accordance with the 2018 International Building Code section 2306.1 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. <b>DAD CASE(S)</b> Standard ) Dead + Show (balanced): Lumber Increase=1.15, Plate Increase=1.15 WINNEN - Vendy design parameters and REON THS AND INCLUDED MITEK REFERENCE PAGE MI-7473 ve. 9/19/2020 BEFORE USE. Design valif tor	Max Grav	C=732(LC 12), D=674(LC 24	4)			
SOT CHORD       C-D=601/976 B-D=207/1473         VEBS       B-D=507/1473         OTES       2-ply truss to be connected together with 10d (0.131*x3°) nails as follows:         1 2-ply truss to be connected as follows: 2x4 - 1 row at 0-9-0 oc.       360 m Chords connected as follows: 2x4 - 1 row at 0-9-0 oc.         Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.       100 m 200			) (lb) or less except when shown.			
OTES-         ) 2-ply truss to be connected together with 0d (0.131*X2 <sup>1</sup> ) nails as follows:         Define the connected as follows: 2X4 - 1 row at 0-9-0 oc.         Stotum chords connected as follows: 2X4 - 1 row at 0-9-0 oc.         Webs connected as follows: 2X4 - 1 row at 0-9-0 oc.         All loads are considered equally applied to all plies, except if noted as (F) or (B), unless otherwise indicated.         Wind: ASCE 7-16; Vull=115mph (3-second upus) values otherwise indicated.         Wind: ASCE 7-16; Vull=115mph (3-second upus) values otherwise indicated.         Mind tasks read forces & MWFRS for reactions show; Lumber DQL=1.33 plate grip DQL=1.33         OTCL: ASCE 7-16; Vull=115mph (3-second upus) values otherwise indicated.         Provide adequate drainage to prevent water ponding.         All plates are MT20 plates unless otherwise indicated.         1) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.         1) Craphical purfin representation does not depict the size or the orientation of the purfin along the top and/or bottom chord.         ODACSE(S) Standard         Dead + Snow (Dalagne parameters and REAP NOTES ON THS AND NCLUED MITEK REFERENCE PAGE MIL-7473 ave, 5190200 BEFORE USE.         Design valid for use only with MF486 connectors.         Design valid for use only with MF486 for reaction of the purport plate second prove with valid based only upon parameters show, and for an individual building component. not obston chord.	BOT CHORD C-D=-60	1/976				
) 2-pby truss to be connected together with 10d (0.1317x37) nails as follows: Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc. Well odds are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. Wind: ASCE 7-16; Pul-E1 Tismph (3-second gust) Yasd-e1 Amphi (2-6) Opst; BD-Le-6) Opst; BD-Le-6) Opst; BD-Le-1.33 101 loads are MT20 plates unless otherwise indicated. 101 loads are MT20 plates unless otherwise indicated. 101 list as as been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 10 Provide adequate drianage to prevent water ponding. 10 This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 10 Graphical purifin representation does not depict the size or the orientation of the purilin along the top and/or bottom chord. OAD CASE(S) Standard 10 Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A:B=-157, C-D=-27 WARNING - Vently design parameters and READ NOTES ON THES AND INCLUCED MITEK REFERENCE PAGE MM-7473 wn 5198200 BEFORE USE. Design valid for use only with MEdie connectors. The approximation are only with MEdie Connectors and READ NOTES ON THES AND INCLUCED MITEK REFERENCE PAGE MM-7473 wn 5198200 BEFORE USE. Design valid for use only with MEdie connectors. Vertice are with with MEdie connectors with a based only upon parameters and/or dord members only. Additional Building component. Into the provide members and value parameters and parameters training based only upon parameters and/or dord members only. Additional Building component. Into the parameters and proves through the provide date operevent		01/14/0				
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc. Webs connected as follows: 2x6 - 1 row at 0-9-0 cc. All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. Wind: ASCE 7-16; Vult-115mph (3-second gust) Yaas-91mph; TCDL=6.0ps; Hc2D(T, Cat. II; Exp C; Enclosed; WWFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed; C-C for members and forces & MWFRS for reactions show; Lumber DOL=1.33 plate grip DOL=1.33 TCLL: ASCE 7-16; Vult-115mph (3-second gust) Yaas-10; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10 Provide adequate drainage to prevent water ponding. All plates are MT20 plates unless otherwise indicated. This truss has been designed for a 10.0 pf bottom chord live load nonconcurrent with any other live loads. Provide mechanical connection. (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint D. O This truss is designed in accordance with the 2018 International Building Code section 2306.1 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. <b>OAD CASE(S)</b> Standard <b>Dad + Snow</b> (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A-B=-157, C-D=-27 <b>WARNNG- Verth design nearmeters and READ NOTES ON THIS AND INCLUEDD INTER REFERENCE PACE MIN-771 rev. 5/19/2020 BEFORE USE:</b> Proming for women the fore with the albed only onor parameters ahom, and b for an hodyidal building component, not phanes and fore with the albed on person tode of women temporary and permanent and the prevent building design in the woral building design. Brache with the theorematers and READ NOTES ON THIS AND INCLUEDD MITEK REFERENCE PACE MIN-773 rev. 5/19/2020 BEFORE USE: Prominati	1) 2-ply truss to be connect					
<ul> <li>All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.</li> <li>Wind: ASCE 7-16; ViH=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; h=20f; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Cormer(3) zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces &amp; MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33</li> <li>TCLL: ASCE 7-16; VIH=25.0 psf (Lum DOL=1.15 Plate DOL=1.15; Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10</li> <li>Provide mechanical connections.</li> <li>Prefer to girder(5) for truss to truss connections.</li> <li>Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint D.</li> <li>Or This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li><b>CAD CASE(S)</b> Standard</li> <li>Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15</li> <li>Uniform Loads (pfl) Vert: A-B=-157, C-D=-27</li> <li><b>WARNING - Verly design parameters and READ NOTES ON THIS AND INCLUDED MITER REFERENCE PAGE MI-7473 rev. 5/19/2020 BEFORE USE.</b></li> <li>Design valid for use only with MTeMe® connectors. This design is based only upon parameters shown, and is for a in individual building component, not a trus system and to prevent buckling of individual truss web and/or members only. Additional temporary and permanet braceing indicated is prevent suckling the periporality of preving durading the prevent of the overall building design, Braade prevent usuk web parafor port members one, addi</li></ul>	Bottom chords connected	ed as follows: 2x6 - 2 rows sta		J-U OC.		
<ul> <li>Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed.<sup>2</sup> cond vertical left and right exposed.<sup>2</sup> C-C for members and forces &amp; MWFRS for reactions shown; Lumber DOL=1.33 [1] CLL: ASCE 7-16; Pt=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10</li> <li>Provide adequate drainage to prevent water ponding.</li> <li>All plates are MT20 plates unless otherwise indicated.</li> <li>This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>Refer to girder(s) for truss to truss connections.</li> <li>Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint D.</li> <li>This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>Graphical purfin representation does not depict the size or the orientation of the purfin along the top and/or bottom chord.</li> <li>OACASE(S) Standard</li> <li>Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15</li> <li>Uniform Loads (plf) Vert: A-B=-157, C-D=-27</li> <li>WARNNG - Verity design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-773 rev. 5/18/2020 BEFORE USE.</li> <li>Design valid for use only with MTe&amp; otophers must explicit be bad only upon parameters and properly incorporate time design in tom the overall building design. Bactong indicated is to prevent buckling of individual truss web and/or chord nembers only. Additional temporary and permanent bracing is always frequency to charge must were the applicability of design parameters and properly incorporate time design in the towerall building component, not a truss system. Before user. Before user. Before user. Bef</li></ul>			xcept if noted as front (F) or back	(B) face in the LOAD CASE	S) section. Ply to	
exposed; C-C for mombers and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33 ) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15) itsel DOL=1.15); its=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10 ) Provide acequate drainage to prevent water ponding. ) 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. ) Refer to grider(s) for truss to truss connections. ) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint C and 640 lb uplift at joint D. 0) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 1) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>OAD CASE(S)</b> Standard ) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A-B=-157, C-D=-27 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MTTek@connectors. This design is based only upon parameters show, and properly incorporate this design in the toverall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members on W. Additional brugger must verify design parameters and properly incorporate this design in the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members on W. Additional Berogard under percent guidance regarding the					Enclosed;	
Provide adequate drainage to prevent water ponding. 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. Refer to girder(s) for truss to truss connections. Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint D. O This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 1) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>COAD CASE(S)</b> Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A-B=-157, C-D=-27 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITeN® connectors. This design is based only upon parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent building of individual truss web and/or chord memory on parameters and properly incorporate rule dis design into the overall building design. Bracing indicated is to prevent building of individual truss web and/or chord memory on parameters and properly incorporate rule is design in the according the more song. Additional temporary and permanent bracing is always required for stability and to prevent collapse with the pashbe personal linguity and prevent collapse.					l right	APPER
<ul> <li>All plates are MT20 plates unless otherwise indicated.</li> <li>This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>Refer to girder(s) for truss to truss connection.</li> <li>Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint D.</li> <li>This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.</li> <li>Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.</li> <li>OAD CASE(S) Standard</li> <li>Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A-B=-157, C-D=-27</li> <li>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.</li> <li>Design valid for use only with MTER® 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 with they approache busching of individual truss web and/or chord members only. Additional temporary and permanent bracing is always representality of design parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must with possible parameters and properly incorporary and permanent bracing is always represent locidase with possible parameters shown, and is for an individual temporary and permanent bracing is always represent locidase with possible parameters shown. For general guidance regarding the</li> </ul>				; Fully Exp.; Ce=0.9; Cs=1.0	0; Ct=1.10	E OF MISS
Refer to girder(s) for truss to truss connections. Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 640 lb uplift at joint D. O) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 1) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>OAD CASE(S)</b> Standard Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A-B=-157, C-D=-27 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-747 rev. 5/19/2020 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters and properly incorporate this design individual building designer must verify the applicability of design parameters and properly incorporate this design in the verall building designer must verify the applicability of design parameters and properly incorporate this design in the verall building design individual truss we hand/or chord members only. Additional temporary and permanet bracing is based only upon 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 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 must verify the applicability on do propervent collapse with possible personal injury and properly damage. For general guidance regarding the	6) All plates are MT20 plat	tes unless otherwise indicated	I.	any other live loads		BAN CAN
ipint D. O) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1. 1) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>CADE CASE(S)</b> Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A-B=-157, C-D=-27 <b>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 EEFORE USE.</b> 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 reportery damage. For general guidance regarding the for general guidance regarding the for general guidance regarding the	8) Refer to girder(s) for tru	iss to truss connections.			ad C40 lb uplift at	
1. 1) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord. <b>OAD CASE(S)</b> Standard ) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A-B=-157, C-D=-27 WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 EFFORE 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 buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing building design. Bracing indicated is to prevent buckling of individual truss for general guidance regarding the	joint D.				· · · · · · · · · · · · · · · · · · ·	KI HE BALLE
OAD CASE(S) Standard         ) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15         Uniform Loads (plf)         Vert: A-B=-157, C-D=-27         October 22,2021             WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.    Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent outschile per vinto main injury and property damage. For general guidance regarding the	í 1.		C C			NUMBER
<ul> <li>Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf) Vert: A-B=-157, C-D=-27</li> <li>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent colleapse with possible personal injury and property damage. For general guidance regarding the</li> </ul>	,		size or the orientation of the purlin	along the top and/or bottom	chord.	PE-2001018807
Uniform Loads (plf) Vert: A-B=-157, C-D=-27 Vert: A-B=	LOAD CASE(S) Standard 1) Dead + Snow (balanced		ate Increase=1.15			SS ENGLIS
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.       October 22,2021         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 only. Additional temporary and permanent bracing is always required for stability and 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 buckling of prevent guidace regarding the       Image: Content of the c		C-D=-27				CONAL DO
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	· · · · · · · · · · · · · · · · · · ·	,				October 22,2021
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	WARNING - Verify decises			AGE MII-7473 rev. 5/19/2020 BEFORE	= USF	
is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the	Design valid for use only with a truss system. Before use, t	h MiTek® connectors. This design is b the building designer must verify the a	ased only upon parameters shown, and is f pplicability of design parameters and prope	or an individual building component, rly incorporate this design into the ov	not verall	
	is always required for stability	y and to prevent collapse with possible	e personal injury and property damage. Fo	r general guidance regarding the	-	16023 Swingley Ridge Rd

16023 Swingley Ridge Rd Chesterfield, MO 63017

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITER REFERENCE PAGE MIT-7473 rev. 5/19/2/02/ BEFORE USE. Design valid for use only with MITER 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

Job	Truss	Truss Type	Qty Ply	Harmon - Chipotle - LS		
211286	B08	ROOF SPECIAL	2 2		148467953	
Heartland Truss, Inc,	Plattsburg, MO - 64477,		8.430 s Aug	g 16 2021 MiTek Industrie	) is, Inc. Thu Oct 21 09:06:55 2021 Page 1 CEBahwwMzxYueR1Rdu0ngDv2_yREY_	
		<b> </b>	3-10-8 3-10-8			
			Е		Scale = 1:44.8	
				Ī		
			$\boxtimes$	8-3-0		
		2x4	7.40 MT40UD -			
			В 7х10 MT18HS =	-		
		2-5-10		2-5-10		
		2-5-2		2 7		
				11		
		D 8x10 =	0.40			
		H	3-10-8 3-10-8			
LOADING (psf) TCLL 25.0	SPACING- 2-8	-0 <b>CSI</b> .	DEFL. in (loc)	l/defl L/d	PLATES GRIP	
(Roof Snow=25.0) TCDL 10.0	Plate Grip DOL 1. Lumber DOL 1.	15 BC 0.06	Vert(LL) -0.00 C-D Vert(CT) -0.00 C-D	>999 240 >999 180	MT20 244/190 MT18HS 244/190	
BCLL 0.0 BCDL 10.0	Rep Stress Incr N Code IBC2018/TPI201	IO WB 0.26 4 Matrix-MP	Horz(CT) 0.00 C	n/a n/a	Weight: 85 lb FT = 20%	
LUMBER- TOP CHORD 2x6 SP N	0.1		BRACING- TOP CHORD 2-0-0 oc	purlins: A-B B-F exc	ept end verticals. Except:	
BOT CHORD 2x6 SP N			6-0-0 oc	bracing: B-C bracing: B-E		
	SP 2400F 2.0E			eiling directly applied or		
Max Horz	C=0-5-8, D=Mechanical z D=-487(LC 12)					
	tt C=-658(LC 11), D=-639(LC / C=731(LC 12), D=673(LC 24					
FORCES. (Ib) - Max. Co	omp./Max. Ten All forces 250 51/428. B-C=-911/1927	(lb) or less except when shown.				
BOT CHORD C-D=-56						
NOTES-						
	cted together with 10d (0.131" as follows: 2x4 - 1 row at 0-9-0		9-0 oc.			
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc. Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.						
ply connections have b	een provided to distribute only	ccept if noted as front (F) or back loads noted as (F) or (B), unless	otherwise indicated.	,		
<ol> <li>Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; cantilever left and right exposed ; end vertical left and right</li> </ol>						
exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33 4) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat C; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10 5) Provide adequate drainage to prevent water ponding.						
6) All plates are MT20 plates unless otherwise indicated.						
<ul> <li>7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.</li> <li>8) Refer to girder(s) for truss to truss connections.</li> <li>9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 658 lb uplift at joint C and 639 lb uplift at</li> </ul>						
joint D. 10) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI						
1. A CONTRACTOR OF THE CONTRACTOR OF TO CONTRACTOR OF TO CONTRACTOR OF TO CONTRACTOR						
LOAD CASE(S) Standard						
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15 Uniform Loads (plf)						
Vert: A-B=-157	r, υ-D=-2 <i>1</i>				October 22,2021	
		S AND INCLUDED MITEK REFERENCE PA		E		
Design valid for use only wit	h MiTek® connectors. This design is b	ased only upon parameters shown, and is	for an individual building component, not	<b>-</b> .		

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITER REFERENCE PAGE MIT-7473 rev. 5/19/2/02/ BEFORE USE. Design valid for use only with MITER 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, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

16023 Swingley Ridge Rd Chesterfield, MO 63017

Job	Truss	Truss Type	Qty Ply	Harmon - Chipotle - LS		
211286	B09	ROOF SPECIAL	2 2		148467954	
Heartland Truss, Inc,	Plattsburg, MO - 64477,				s, Inc. Thu Oct 21 09:06:57 2021 Page 1	
		L	3-10-8	0lpWkz7f5o-n00o90_TznC	IdWOZi5zORO0ulS7avXYJF8i05syREXy	
		,	3-10-8		0	
			E	т	Scale = 1:44.8	
				0- C-8		
		2x4		8		
				I		
		۲ <u>۲</u>		15		
		2-1-7 2-6-15		2-6-15		
		D	C C			
		8x10 =	<u>-</u> 3x10    3-10-8 <sub>-</sub>			
	T		3-10-8			
LOADING (psf) TCLL 25.0		B-0 <b>CSI.</b> .15 TC 0.73	DEFL. in (loc) Vert(LL) -0.00 C-D	l/defl L/d >999 240	PLATES         GRIP           MT20         244/190	
(Roof Snow=25.0) TCDL 10.0	Lumber DOL 1	.15 BC 0.05 NO WB 0.25	Vert(CT) -0.00 C-D Horz(CT) 0.00 C	>999 180 n/a n/a	WI120 244/190	
BCLL         0.0           BCDL         10.0	Code IBC2018/TPI201			1/4 1/4	Weight: 86 lb FT = 20%	
LUMBER- TOP CHORD 2x6 SP N	o 1		BRACING- TOP CHORD 2-0-0 oc	purlins: A-B, B-E, exce	pt end verticals	
BOT CHORD 2x6 SP N				iling directly applied or 1		
	SP 2400F 2.0E					
	C=0-5-8, D=Mechanical z D=-485(LC 10)					
Max Uplif	ft C=-657(LC 11), D=-638(LC C=730(LC 12), D=672(LC 2					
		) (Ib) or less except when shown.				
	60/426, B-C=-899/1921	- ()				
	355/1389					
NOTES-	cted together with 10d (0.131	'x3") nails as follows:				
Top chords connected		0 oc, 2x6 - 2 rows staggered at 0-	9-0 oc.			
Webs connected as fol	lows: 2x4 - 1 row at 0-9-0 oc.	except if noted as front (F) or back	(B) face in the LOAD CASE(S) s	ection Ply to		
ply connections have b	een provided to distribute only	/ loads noted as (F) or (B), unless sd=91mph; TCDL=6.0psf; BCDL=	otherwise indicated.			
MWFRS (envelope) ga	ble end zone and C-C Corner	(3) zone; cantilever left and right e reactions shown; Lumber DOL=1	exposed ; end vertical left and right			
4) TCLL: ASCE 7-16; Pf=	25.0 psf (Lum DOL=1.15 Plate	e DOL=1.15); ls=1.0; Rough Cat (		t=1.10	OF MISS	
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.						
7) Refer to girder(s) for truss to truss connections. 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 657 lb uplift at joint C and 638 lb uplift at SEVIER						
joint D. 9) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.						
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.						
,	rd ed): Lumber Increase=1.15, Pla	ate Increase=1.15		X	O PE-2001018807	
Uniform Loads (plf) Vert: A-B=-157, C-D=-27						
					and	
					October 22,2021	
		IIS AND INCLUDED MITEK REFERENCE P		Ε.		
a truss system. Before use,	the building designer must verify the a	based only upon parameters shown, and is applicability of design parameters and properties of the pro	ror an individual building component, not erly incorporate this design into the overall			

Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

#### MITEK<sup>®</sup> 16023 Swingley Ridge Rd Chesterfield, MO 63017

ob	Truss	Truss Type	Qty Ply	Harmon - Chipotle - LS	
11286	B10	ROOF SPECIAL	2 2		148467955
Heartland Truss, Inc,	Plattsburg, MO - 64477,		8.430 s Au	ug 16 2021 MiTek Industries	s, Inc. Thu Oct 21 09:06:58 2021 Page 1
		<b> </b>	1D:VRQVVSA7JYYXG_g7Gf9lp 3-10-8 3-10-8	JWKZ/150-FCaAMIM_5K4K9	FgzmFpUd_bZ3VrTpe_nSToSadlyREXx
			3-10-0		Scale = 1:44.8
			E	T	
				8-3-0	
		2x4	10x12	li in the second	
		.   🕅		I	
		 		÷ ا	
		2-6-15		2-6-15	
		D	C 3x10		
		8x10 =	3-10-8		
	<u> </u>		3-10-8		
OADING (psf) CLL 25.0		2-8-0 <b>CSI.</b> 1.15 TC 0.73	DEFL. in (loc) Vert(LL) -0.00 C-D		PLATES         GRIP           MT20         244/190
Roof Snow=25.0) CDL 10.0		1.15 BC 0.05 NO WB 0.25	Vert(CT) -0.00 C-D Horz(CT) 0.00 C	>999 180	
CLL 0.0 CDL 10.0	Code IBC2018/TPI2				Weight: 86 lb FT = 20%
UMBER- OP CHORD 2x6 SP N	o.1		BRACING- TOP CHORD 2-0-0 o	oc purlins: A-B, B-E, exce	pt end verticals.
OT CHORD 2x6 SP N VEBS 2x4 SP N	lo.1 lo.3 *Except*		BOT CHORD Rigid c	ceiling directly applied or 1	0-0-0 oc bracing.
	SP 2400F 2.0E				
Max Hor	C=0-5-8, D=Mechanical z D=-485(LC 10)				
	ft C=-657(LC 11), D=-638(L0 v C=730(LC 12), D=672(LC				
ORCES. (Ib) - Max. Co	omp./Max. Ten All forces 2	50 (lb) or less except when shown.			
OP CHORD A-D=-20 OT CHORD C-D=-5	60/426, B-C=-899/1921 06/821				
EBS B-D=-2	355/1389				
OTES- ) 2-ply truss to be conne	ected together with 10d (0.13	1"x3") nails as follows:			
	as follows: 2x4 - 1 row at 0- ted as follows: 2x6 - 2 rows	9-0 oc, 2x6 - 2 rows staggered at 0- staggered at 0-9-0 oc.	Э-0 ос.		
	llows: 2x4 - 1 row at 0-9-0 oc ed equally applied to all plies,	c. , except if noted as front (F) or back	(B) face in the LOAD CASE(S)	section. Ply to	
ply connections have b	peen provided to distribute or	hly loads noted as (F) or (B), unless asd=91mph; TCDL=6.0psf; BCDL=6	otherwise indicated.		
MWFRS (envelope) ga	able end zone and C-C Corne	er(3) zone; cantilever left and right e or reactions shown; Lumber DOL=1.	xposed ; end vertical left and rig		ALER
TCLL: ASCE 7-16; Pf=		ate DOL=1.15); Is=1.0; Rough Cat C	1 01	Ct=1.10	E OF MISS
) This truss has been de		chord live load nonconcurrent with	any other live loads.	4	SCOTT M.
		to bearing plate capable of withstar	iding 657 lb uplift at joint C and	638 lb uplift at	SEVIER SEVIER
) This truss is designed		International Building Code section e size or the orientation of the purlin			anth is wet
<ol> <li>Graphical purlin repre</li> </ol>					NUMBER
<i>,</i>		Plate Increase=1.15		Y	PE-2001018807
OAD CASE(S) Standa ) Dead + Snow (balance	ed): Lumber Increase=1.15, F				N'AL
.OAD CASE(S) Standa	ed): Lumber Increase=1.15, F				FSSIONAL ENGLE
OAD CASE(S) Standa ) Dead + Snow (balance Uniform Loads (plf)	ed): Lumber Increase=1.15, F				October 22,2021

Design valid for use only with MTER decomercities and DEAD NOTES ON THIS AND INCLODED WITH REFERENCE PAGE with 475 BVC 1952/20 DECORE USE. Design valid for use only with MTER decomercities. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANS/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

MITEK° 16023 Swingley Ridge Rd Chesterfield, MO 63017

Job	Truss	Truss Type	Qty	Ply	Harmon - Chipotle - LS		
211286	B11	ROOF SPECIAL	2	2		148467956	
Heartland Truss, Inc,	Plattsburg, MO - 64477,		8.	<b>2</b> .430 s Aug	Job Reference (optional 16 2021 MiTek Industrie	l) es, Inc. Thu Oct 21 09:07:00 2021 Page 1	
	-	L	ID:VRQWsA7JY 3-10-8	YXG_g7G	if9lpWkz7f5o-Bbixn20LGi	ibtUz68NEW530eOEf9J6uLlx6xgiByREXv	
			3-10-8				
			E			Scale = 1:44.8	
					Ī		
		2x4			8-3-0		
		2x4 11	10x12	: 11			
					I		
		2-2-2	4		2-7-10		
		2-7-2			2-7		
		D	C 3x10				
		8x10 =	3-10-8				
	1		3-10-8				
LOADING (psf) TCLL 25.0		8-0 <b>CSI.</b>		in (loc)	l/defl L/d	PLATES GRIP	
(Roof Snow=25.0) TCDL 10.0	Lumber DOL 1	.15 TC 0.71 .15 BC 0.05	Vert(LL) -0.00 Vert(CT) -0.00	0 C-D	>999 240 >999 180	MT20 244/190	
BCLL 0.0 BCDL 10.0	Rep Stress Incr Code IBC2018/TPI20	NO WB 0.24 14 Matrix-MP	Horz(CT) 0.00	0 C	n/a n/a	Weight: 86 lb FT = 20%	
LUMBER-	1		BRACING-				
TOP CHORD 2x6 SP No BOT CHORD 2x6 SP No			TOP CHORD BOT CHORD		c purlins: A-B, B-E, exce iling directly applied or		
	o.3 *Except* SP 2400F 2.0E						
REACTIONS. (size)	C=0-5-8, D=Mechanical						
	z D=-484(LC 12) tt C=-656(LC 11), D=-637(LC	10)					
	/ C=730(LC 12), D=672(LC 2	,					
	omp./Max. Ten All forces 25 60/425, B-C=-893/1917	0 (lb) or less except when shown.					
BOT CHORD C-D=-47	77/774						
	308/1364						
	cted together with 10d (0.131						
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc. Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.							
	lows: 2x4 - 1 row at 0-9-0 oc. d equally applied to all plies, e	except if noted as front (F) or back	(B) face in the LOAD C	ASE(S) s	ection. Ply to		
ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated. 3) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=20ft; Cat. II; Exp C; Enclosed;							
MWFRS (envelope) ga	ble end zone and C-C Corner	(3) zone; cantilever left and right en reactions shown; Lumber DOL=1.	xposed ; end vertical le	ft and righ			
4) TCLL: ASCE 7-16; Pf=2	25.0 psf (Lum DOL=1.15 Plat	e DOL=1.15); Is=1.0; Rough Cat C			t=1.10	E OF MISS	
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.							
<ul> <li>7) Refer to girder(s) for truss to truss connections.</li> <li>8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 656 lb uplift at joint C and 637 lb uplift at SEVIER</li> </ul>							
joint D. 9) This truss is designed in accordance with the 2018 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.							
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.							
LOAD CASE(S) Standard 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15							
Uniform Loads (plf)							
Vert: A-B=-157, C-D=-27							
						October 22,2021	
<b>A</b>							
Design valid for use only with	h MiTek® connectors. This design is I	HIS AND INCLUDED MITEK REFERENCE PA based only upon parameters shown, and is f applicability of design parameters and prope	for an individual building comp	ponent, not	z.		

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 Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601

## MITEK° 16023 Swingley Ridge Rd Chesterfield, MO 63017

Job 211286 Heartland Truss, Inc,	Truss Truss B12 ROOF Plattsburg, MO - 64477,	Type SPECIAL		g 16 2021 MiTek Industrie	148467957
		2x4    0 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		2.8.2 8.30	Scale = 1:44.8
			3-10-8 3-10-8		
LOADING         (psf)           TCLL         25.0           (Roof Snow=25.0)         TCDL           TCDL         0.0           BCLL         0.0           BCDL         10.0	SPACING-2-8-0Plate Grip DOL1.15Lumber DOL1.15Rep Stress IncrNOCodeIBC2018/TPI2014	<b>CSI.</b> TC 0.70 BC 0.05 WB 0.24 Matrix-MP	DEFL.         in         (loc)           Vert(LL)         -0.00         C-D           Vert(CT)         -0.00         C-D           Horz(CT)         0.00         C	l/defl L/d >999 240 >999 180 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 86 lb         FT = 20%
				c purlins: A-B, B-E, exc eiling directly applied or	
Max Horz Max Uplifi Max Grav FORCES. (lb) - Max. Co	C=0-5-8, D=Mechanical : D=-483(LC 10) t C=-656(LC 11), D=-637(LC 10) v C=729(LC 12), D=672(LC 24) mp./Max. Ten All forces 250 (lb) o	less except when shown.			
TOP CHORD A-D=-26 BOT CHORD C-D=-45 WEBS B-D=-22					
<ul> <li>NOTES-</li> <li>1) 2-ply truss to be connect Top chords connected a Bottom chords connected as Used to the second second Webs connected as foll</li> <li>2) All loads are considered ply connections have be</li> <li>3) Wind: ASCE 7-16; Vult= MWFRS (envelope) gat exposed; C-C for memb</li> <li>4) TCLL: ASCE 7-16; Pf=2</li> <li>5) Provide adequate drain</li> <li>6) This truss has been des</li> <li>7) Refer to girder(s) for tru</li> <li>8) Provide mechanical cor joint D.</li> <li>9) This truss is designed in</li> </ul>	cted together with 10d (0.131"x3") na as follows: 2x4 - 1 row at 0-9-0 oc, 2 ed as follows: 2x6 - 2 rows staggere lows: 2x4 - 1 row at 0-9-0 oc. d equally applied to all plies, except een provided to distribute only loads =115mph (3-second gust) Vasd=91n ble end zone and C-C Corner(3) zor rers and forces & MWFRS for reactio 25.0 psf (Lum DOL=1.15 Plate DOL= age to prevent water ponding. signed for a 10.0 psf bottom chord lin	x6 - 2 rows staggered at 0- d at 0-9-0 oc. f noted as front (F) or back noted as (F) or (B), unless uph; TCDL=6.0psf; BCDL=1 e; cantilever left and right e ns shown; Lumber DOL=1. =1.15); Is=1.0; Rough Cat C re load nonconcurrent with ng plate capable of withstar onal Building Code section	(B) face in the LOAD CASE(S) s otherwise indicated. 6.0psf; h=20ft; Cat. II; Exp C; Enc exposed ; end vertical left and rig .33 plate grip DOL=1.33 C; Fully Exp.; Ce=0.9; Cs=1.00; C any other live loads. nding 656 lb uplift at joint C and 6 2306.1 and referenced standard	Closed; ht Ct=1.10 337 lb uplift at	STATE OF MISSOL SCOTT M. SEVIER SEVIER
LOAD CASE(S) Standard 1) Dead + Snow (balanced Uniform Loads (plf) Vert: A-B=-157	d): Lumber Increase=1.15, Plate Inc	ease=1.15		Ŷ	PE-2001018807 PE-2001018 PE-20010000 PE-20010000000000000000000000000000000000
Design valid for use only with a truss system. Before use, t	parameters and READ NOTES ON THIS AND h MiTek® connectors. This design is based on the building designer must verify the applicabil cated is to prevent buckling of individual truss	y upon parameters shown, and is ty of design parameters and prope	for an individual building component, not arly incorporate this design into the overall		

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 ocllapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



