

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

RE: 4513001 - Bridgeport, Oakley, 1 Cameron Hill Rd.

Trenco 818 Soundside Rd Edenton, NC 27932

Site Information:Project Customer: Bridgeport DevelopmentProject Name:Lot/Block: 1Subdivision: CAMERON HILL RDAddress: 3240 CAMERON HILL RDCity: CAMERONState: NC

 Name Address and License # of Structural Engineer of Record, If there is one, for the building.

 Name:
 License #:

 Address:
 State:

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

Design Code: IRC2015/TPI2014 Wind Code: ASCE 7-10 Wind Speed: 130 mph Roof Load: 40.0 psf Design Program: MiTek 20/20 8.8 Design Method: MWFRS (Envelope)/C-C hybrid Wind ASCE 7-10

Floor Load: N/A psf

This package includes 16 individual, dated Truss Design Drawings and 0 Additional Drawings.

No.	Seal#	Job ID#	Truss Name	e Date
1	172074075	4513001	A01	3/18/25
2 3	172074076 172074077	4513001 4513001	A02 A03	3/18/25 3/18/25
4 5	172074078	4513001 4513001	A04	3/18/25
6	172074079	4513001	A06	3/18/25 3/18/25
7	170074000	4513001	A07	3/18/25
8 9	172074082 172074083	4513001 4513001	B01 B02	3/18/25 3/18/25
10	172074084	4513001	B03	3/18/25
11 12	172074085 172074086	4513001 4513001	C01 C02	3/18/25
13	172074080	4513001	PB01	3/18/25 3/18/25
14	172074088	4513001	PB02	3/18/25
16	172074089	4513001 4513001	V01 V02	3/18/25 3/18/25

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

Truss Design Engineer's Name: Gilbert, Eric

My license renewal date for the state of North Carolina is December 31, 2025

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.



Gilbert, Eric

March 18,2025

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1 of 1



RE: \$JOBNAME - \$JOBDESC

Trenco 818 Soundside Rd Edenton, NC 27932

Site Information:

Project Customer: \$SI_CUSTOMER Project Name: \$SI_JOBNAME Lot/Block: \$SI_LOTNUM Subdivision: \$SI_SUBDIV Address: \$SI_SITEADDR City, County: \$SI_SITECITY State: \$SI_SITESTATE



RE: \$JOBNAME - \$JOBDESC

Trenco 818 Soundside Rd Edenton, NC 27932

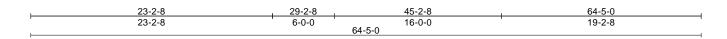
Site Information:

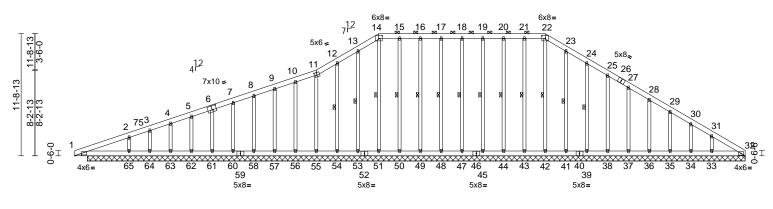
Project Customer: \$SI_CUSTOMER Project Name: \$SI_JOBNAME Lot/Block: \$SI_LOTNUM Subdivision: \$SI_SUBDIV Address: \$SI_SITEADDR City, County: \$SI_SITECITY State: \$SI_SITESTATE

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A01	Piggyback Base Supported Gable	1	1	Job Reference (optional)	172074075

Run: 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:32 ID:uXsdAA3pp1AlkSBovDjHI4yKtQq-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1





64-5-0

Scale = 1:110.7

Loading	(psf)	Spacing	2-0-0	csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.13	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.13	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB		Horiz(TL)	0.01	32	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-	MS						Weight: 618	lb FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD WEBS	10-0-0 oc purlins, e 2-0-0 oc purlins (10		, ,	Max Uplift	$\begin{array}{l} 1=-67 \ (LC \ 13), \ 3\\ 34=-166 \ (LC \ 13), \ 3\\ 36=-95 \ (LC \ 13), \ 3\\ 36=-95 \ (LC \ 13), \ 41=-63 \ (LC \ 12), \ 51=-56 \ (LC \ 12), \ 51=-78 \ (LC \ 12), \ 51=-78 \ (LC \ 12), \ 61=-70 \ (LC \ 12), \ 63=-79 \ (LC \ 12), \ 65=-194 \ (LC \ 12), \$	I, 35=-75 (LC 37=-90 (LC 39=-104 (LC 43=-54 (LC 5=-57 (LC 8 8=-57 (LC 8 8=-57 (LC 8 0=-56 (LC 9 3=-73 (LC 1 55=-93 (LC 7=-67 (LC 8 60=-70 (LC 64=-34 (LC	. 13), 13), : 13), ; 13), 9), , 9), 1, 1, 2), : 12), 1, 3), 3),	TOP CH	iord	4-5=-2 8-9=-' 10-11 12-13 14-15 16-17 18-19 20-21 22-23 24-25 27-28	241/217, 5-7=- 169/280, 9-10 =-140/322, 11 =-240/431, 13 =-268/421, 15 =-267/421, 17 =-267/421, 21 =-287/449, 23 =-180/325, 25	-12=-176/381, -14=-287/456, -16=-267/421, -18=-267/421, -20=-267/421, -22=-268/421, -24=-240/396, -27=-125/258, 29=-15/146, 29-30=0/1-
REACTIONS	34=63-2 37=63-2 41=63-2 44=63-2 48=63-2 51=63-2 55=63-2 55=63-2 58=63-2	$\begin{array}{c} 3,32{=}63{-}2{-}8,33{=}63{-}2{-}8,35{=}63{-}2{-}8,35{=}63{-}2{-}8,39{=}63{-}2{-}8,39{=}63{-}2{-}8,39{=}63{-}2{-}8,43{=}63{-}2{-}8,43{=}63{-}2{-}8,43{=}63{-}2{-}8,43{=}63{-}2{-}8,53{=}63{-}2{-}8,54{=}63{-}2{-}8,57{=}63{-}2{-}8,57{=}63{-}2{-}8,63{-}2{-}8,63{-}2{-}8,63{-}2{-}8,63{-}2{-}8,63{-}2{-}8,63{-}2{-}8,63{-}2{-}8,64{=}63{-}2{-}8,64{=}63{-}2{-}8\\ \end{array}$	2-8, 2-8, 2-8, 2-8, 2-8, 2-8, 2-8, 2-8,		$\begin{array}{l} 1=\!244\;(\text{LC 20}),\\ 34=\!97\;(\text{LC 11}),\\ 36=\!173\;(\text{LC 20}),\\ 38=\!177\;(\text{LC 20}),\\ 41=\!180\;(\text{LC 20}),\\ 43=\!172\;(\text{LC 24}),\\ 45=\!160\;(\text{LC 23}),\\ 45=\!160\;(\text{LC 23}),\\ 50=\!171\;(\text{LC 1}),\\ 53=\!196\;(\text{LC 19}),\\ 55=\!144\;(\text{LC 23}),\\ 57=\!161\;(\text{LC 1}),\\ 60=\!162\;(\text{LC 23}),\\ 62=\!154\;(\text{LC 23}),\\ 64=\!105\;(\text{LC 23}),\\ \end{array}$	35=201 (LC 2 37=179 (LC 39=180 (LC 42=217 (LC 44=161 (LC 47=160 (LC 49=160 (LC 51=238 (LC 2 54=174 (LC 56=163 (LC 63=173 (LC 65=311 (LC	20), 20), 20), 22), 23), 1), 24), 22), 19), 23), 1), 1), 1), 1), 1),		<i>U</i>	U	NUTH CONTES	ARO
			FORCES	(lb) - Max Tension	kimum Compressi	on/Maximum						AL 322



A. GILP.... March 18,2025

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MITek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and property incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent ouclings with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI Quality Criteria and DSE2** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbaccomponents.com)

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A01	Piggyback Base Supported Gable	1	1	Job Reference (optional)	172074075

Run: 8 83 S. Mar 11 2025 Print: 8 830 S. Mar 11 2025 MiTek Industries. Inc. Mon Mar 17 10:26:32

Page: 2

Builders FirstSource (Sumter, SC), Sumter, SC - 29153,

BOT CHORD	1-65=-291/195, 64-65=-190/170, 63-64=-190/170, 62-63=-190/170, 61-62=-190/170, 60-61=-192/170, 58-60=-192/170, 57-58=-192/170, 54-55=-192/170, 53-54=-192/170, 54-55=-192/170, 50-51=-192/170, 49-50=-192/170, 48-49=-192/170, 47-48=-192/170, 45-47=-192/170, 42-43=-192/170, 43-44=-192/170, 42-43=-192/170, 34-34=-192/170, 37-38=-192/170, 34-35=-192/170, 35-36=-192/170, 32-33=-192/170, 33-34=-192/170, 32-33=-192/170, 18-47=-120/82, 19-45=-120/84,
	44-45=-192/170, 43-44=-192/170,
	35-36=-192/170, 34-35=-192/170,
	33-34=-192/170, 32-33=-192/170
WEBS	18-47=-120/82, 19-45=-120/84,
	20-44=-121/91, 21-43=-132/78,
	22-42=-177/20, 23-41=-141/87,
	24-39=-158/128, 25-38=-150/116,
	27-37=-149/115, 28-36=-149/116,
	29-35=-154/111, 30-34=-121/144,
	31-33=-237/111, 17-48=-120/84,
	16-49=-120/91, 15-50=-131/80,
	14-51=-198/49, 13-53=-156/97,
	12-54=-167/131, 11-55=-136/151,
	10-56=-123/113, 9-57=-121/101,
	8-58=-120/104, 7-60=-122/106,
	6-61=-121/105, 5-62=-115/99, 4-63=-126/111,
	3-64=-87/70, 2-65=-216/326

NOTES

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: AŠCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Corner (3) 0-0-0 to 6-5-5, Exterior (2) 6-5-5 to 29-2-8, Corner (3) 29-2-8 to 35-7-13, Exterior (2) 35-7-13 to 45-2-8, Corner (3) 45-2-8 to 51-7-13, Exterior (2) 51-7-13 to 64-5-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- 4) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All plates are 2x4 (||) MT20 unless otherwise indicated.
- 7) Gable studs spaced at 2-0-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 10) All bearings are assumed to be SP No.2 .

- ID:uXsdAA3pp1AlkSBovDjHl4yKtQq-RfC?PsB70Hq3NSgPqnL8w3ulTXbGKWrCDoi7J4zJC?f 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 67 lb uplift at joint 1, 56 lb uplift at joint 47, 57 lb uplift at joint 45, 62 lb uplift at joint 44, 54 lb uplift at joint 43, 63 lb uplift at joint 41, 104 lb uplift at joint 39, 92 lb uplift at joint 38, 90 lb uplift at joint 37, 95 lb uplift at joint 36, 75 lb uplift at joint 35, 166 lb uplift at joint 34, 34 lb uplift at joint 35, 71 lb uplift at joint 48, 64 lb uplift at joint 49, 56 lb uplift at joint 50, 25 lb uplift at joint 51, 73 lb uplift at joint 53, 107 lb uplift at joint 54, 93 lb uplift at joint 55, 78 lb uplift at joint 56, 67 lb uplift at joint 57, 68 lb uplift at joint 58, 70 lb uplift at joint 60, 70 lb uplift at joint 61, 64 lb uplift at joint 64, 194 lb uplift at joint 63, 34 lb uplift at joint 64, 194 lb uplift at joint 65 and 67 lb uplift at joint 1.
- 12) Non Standard bearing condition. Review required.
- 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

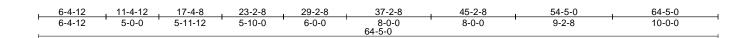
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSUTPI1 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacomponents.com)

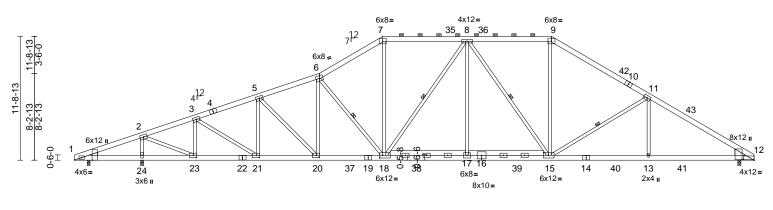


Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A02	Piggyback Base	6	1	Job Reference (optional)	172074076

Run: 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:34 ID:2DHyNcLkFPHvhdKVaOA_X8yKtT2-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

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1-2-8 6-4-12	11-4-12	15-11-0 17-4-8 23	-0-12 27-10-0 29-4-4	37-2-8	38-7-0 4	15-0-12 48-6-0	54-5-0	63-2-0	64-5-0
1-2-8 5-2-4	5-0-0	4-6-4 1-5-8 5	-8-4 4-9-4 1-6-4	7-10-4	1-4-8	6-5-12 3-5-4	5-11-0	8-9-0	1-3-0

Scale = 1:109.2

	·													
Plate Offsets (X, Y): [1:0-4-15,0-0-1	0], [1:0-0-3,Edge], [12:1	1-0-0,0-	0-12], [12:0-0-	12,1-1-11], [15:0-5	5-8,0-3-0	, [18:0-3-8,0-	3-0], [2	0:0-3-	8,0-2-8], [2	21:0-3-8	3,0-2-8], [23:0-3-8	8,0-2-8]	
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 20.0 10.0 0.0* 10.0	Plate Grip DOL1Lumber DOL1Rep Stress Incr1	2-0-0 1.15 1.15 YES RC201	5/TPI2014	CSI TC BC WB Matrix-MS	0.83 0.85 0.87	DEFL Vert(LL) Vert(CT) Horz(CT) Wind(LL)	in -0.22 -0.43 0.11 0.20	17-' 13-'	18 >999 15 >999 12 n/a	L/d 360 240 n/a 240	PLATES MT20 Weight: 534 lb	GRIP 244/190 FT = 20%	
LUMBER TOP CHORD BOT CHORD WEBS WEDGE	2x6 SP No.2 *Excep 2400F 2.0E or 2x6 S 2x4 SP No.3 *Excep No.2 Left: 2x4 SP No.3	ot* 2-23,18-8,15-8:2x4 S	;P		2-24=-2928/814, 2 3-23=-1412/429, 5 3-21=-324/1458, 5 6-20=-143/94, 6-1 7-18=-264/1182, 8 8-15=-793/396, 9- 11-15=-697/427, 1	5-21=-64 5-20=-26, 8=-902/4 5-18=-58 15=-185,	3/234, 418, 39, 3/189, 8-17=0 1026,)/527,	8) 9)	on the bott 3-06-00 tal chord and All bearing Provide me pearing pla	om cho l by 2-0 any oth s are as echanic te capa	een designed for rd in all areas wh 0-00 wide will fit er members, with ssumed to be SP al connection (by able of withstandi pint 24 and 507 l	here a rectangle between the bo h BCDL = 10.0p 2400F 2.0E or v others) of truss ing 501 lb uplift	ttom sf. DSS . s to at joint
BRACING	Right: 2x8 SP 2400F	- 2.0E or DSS		OTES Unbalanced	roof live loads hav	/e heen (considered for	r		1, 042 ID U	Jiiit at j	01111 24 and 507 1	b upint at joint 1.	Ζ.
TOP CHORD	Structural wood she 2-5-8 oc purlins, exc 2-0-0 oc purlins (4-2		or (this design. Wind: ASCE	7-10; Vult=130mp 7, TCDL=6.0psf;	oh (3-seo	ond gust)		í.		tation (epresentation doe of the purlin alone		
BOT CHORD	Rigid ceiling directly bracing.			II; Exp C; Er	nclosed; MWFRS (erior (2) 0-0-0 to 6	envelope	exterior zor	ne	LOA	D CASE(S	s) Sta	ndard		
	Max Horiz 1=422 (LC	LC 19), 12=-507 (LC 13) (LC 12) 12), 12=2350 (LC 2),	,	35-7-13 to 4 (1) 51-7-13 to exposed ; ere exposed;C-0 reactions sh DOL=1.60	xterior (2) 29-2-8 to 5-2-8, Exterior (2) to 64-5-0 zone; can d vertical left and C for members and own; Lumber DOL	45-2-8 to ntilever lo right exp forces a =1.60 pl	551-7-13, Inte eft and right losed; porch I & MWFRS for ate grip	eft						
FORCES TOP CHORD BOT CHORD	(lb) - Maximum Com Tension 1-2=-418/1675, 2-3= 3-5=-3156/905, 5-6= 7-8=-2633/942, 8-9= 6-7=-3101/1004, 9-1 11-12=-3471/931 1-24=-1523/352, 23 21-23=-523/1758, 2 18-20=-666/3152, 1 15-17=-511/2886, 1 2, 12=-521/2872	- =-1918/550, =-3373/1007, =-2498/901, 11=-2993/939, -24=-1523/352, 0-21=-708/2947, 7-18=-511/2890,	3)	and experied erection. Fo see Guide to Bracing of M ("BCSI"), joi building owr contract with for the desig installation r individual tru	This long span trunce for proper and r general handling o Good Practice fo letal Plate Connect nully produced by S ner or the owner's a qualified registed on a qualified registed on a qualified registed restraint/bracing an uss member restra responsibility for t	safe har and erec r Handlir ted Woo BCA and authorize ered desi of the ten of the pe int/bracir	ndling and stion guidance ig, Installing & d Trusses d TPI. The ed agent shall gn profession sporary rmanent ng. MiTek	e, &		ý		SEA 0363	L 22	and manning
	12-13=-631/2872		4) 5) 6)	Provide ade All plates are This truss ha	ection, or bracing. quate drainage to e 5x8 (=) MT20 ur as been designed ad nonconcurrent	hless oth for a 10.0	erwise indicat) psf bottom	ted.			and the second sec	A. C	EER.	nn.

- to prevent water pon
- 5) All plates are 5x8 (=) MT20 unless otherwise indicated.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

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818 Soundside Road Edenton, NC 27932

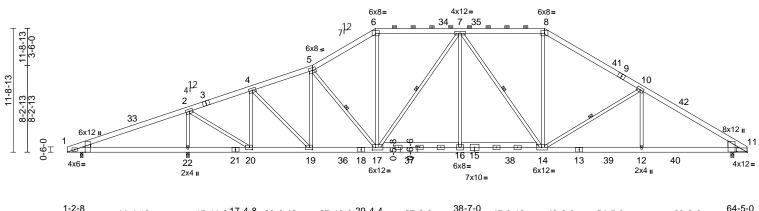
A. GILD A.

March 18,2025

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A03	Piggyback Base	3	1	Job Reference (optional)	172074077

Run: 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:35 ID:NCH8AN8a6ULjsfQXwAvJ9lyKtVu-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f





1-2-8	11-4-12	15-11-0 ¹⁷⁻⁴⁻⁸ 23-0-12	27-10-0 29-4-4	37-2-8	³⁸⁻⁷⁻⁰ 45-0-12	. 48-6-0 . 54-5-0	63-2-0 64-5-0
⊢ 1-2-8	10-2-4	4-6-4 1-5-8 5-8-4	4-9-4 1-6-4	7-10-4	1-4-8 6-5-12	3-5-4 5-11-0	8-9-0 1-3-0

Plate Offsets (X, Y): [1:0-4-15,0-0-10], [1:0-0-3,Edge], [11:1-0-0,0-0-12], [11:0-0-4,1-1-11], [14:0-5-4,0-3-0], [17:0-3-12,0-3-0], [19:0-3-8,0-2-8], [20:0-3-8,0-2-8]

Scale = 1:109.2

	(, , , ,	10 E 0 10 E		1, 1			•	1, 1	,	1, 1				
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL (roof)	20.0	Plate Grip DOL	1.15		тс	0.76	Vert(LL)	-0.18	12-14	>999	360	MT20	244/190	
TCDL	10.0	Lumber DOL	1.15		BC	0.78	Vert(CT)		12-14	>999	240			
BCLL	0.0*	Rep Stress Incr	YES		WB	0.95	Horz(CT)	0.08	11	n/a	n/a			
BCDL	10.0	Code		5/TPI2014	Matrix-MS		Wind(LL)		12-14	>999		Weight: 524 lb	FT = 20%	
LUMBER TOP CHORD BOT CHORD WEBS WEDGE BRACING TOP CHORD BOT CHORD	2x6 SP No.2 2x6 SP No.2 *Excep 2400F 2.0E or 2x6 S 2x4 SP No.3 *Excep Left: 2x4 SP No.3 Right: 2x8 SP 2400F Structural wood she 2-11-4 oc purlins, ey 2-0-0 oc purlins (4-8 Rigid ceiling directly	t* 1-21,13-11:2x6 SF IP DSS t* 7-14,17-7:2x4 SP I 5 2.0E or DSS athing directly applied coept -13 max.): 6-8.	1) 2) No.2	Unbalanced this design. Wind: ASCE Vasd=103mp II; Exp C; En and C-C Ext 29-2-8, Exte 35-7-13 to 44 (1) 51-7-13 t exposed; en exposed; C-C	roof live loads ha 7-10; Vult=130m sh; TCDL=6.0psf closed; MWFRS erior (2) 0-0-0 to rior (2) 29-2-8 to 5-2-8, Exterior (2 0 64-5-0 zone; ci d vertical left and 5 for members ar bwn; Lumber DO	nph (3-sec ; BCDL=6 (envelope 6-5-5, Inte 35-7-13, I) 45-2-8 to antilever le d right exp ad forces {	considered fo cond gust) .0psf; h=25ft; e) exterior zoi erior (1) 6-5-5 nterior (1) o 51-7-13, Intt eft and right oosed; porch I & MWFRS foi	r ; Cat. ne is to erior left	10) Gra or t	aphical p he orien tom choi	urlin re tation o	presentation doe of the purlin alone	s not depict the s	ize
		C 8), 11=-491 (LC 13 LC 8) C 23), 11=2176 (LC 2 (LC 1)	6),	WARNING: and experier erection. For see Guide to Bracing of M ("BCSI"), joir building own contract with	This long span to be for proper an general handling Good Practice f etal Plate Connective try produced by er or the owner's a qualified regis	d safe har g and erec or Handlir cted Woo SBCA and authorize tered desi	ndling and ction guidance Ig, Installing & d Trusses d TPI. The ed agent shall gn professior	e, &						
FORCES	Tension 1-2=-81/673, 2-4=-1 6-7=-2110/855, 7-8= 5-6=-2501/919, 8-10 10-11=-3179/883	721/691, 4-5=-2422/8 2217/862, 0=-2671/886,		installation re individual tru assumes no handling, ere	n and inspection estraint/bracing a ss member restr responsibility for ection, or bracing quate drainage to	nd the pe aint/bracir truss mar	rmanent ng. MiTek nufacture,	g.			A. M.	ORTH CA	ROLVII	
BOT CHORD	1-22=-683/244, 20-2 19-20=-483/1556, 1 16-17=-450/2483, 1- 12-14=-596/2625, 1	7-19=-523/2264, 4-16=-450/2479,	,	This truss ha	e 5x8 (=) MT20 u is been designed ad nonconcurren	l for a 10.0 t with any) psf bottom other live loa	ds.		<i>A</i>		SEA	L	1
WEBS NOTES	2-22=-2408/672, 8-1 5-17=-357/324, 6-17	4=-158/867, '=-216/884, 5=0/515, 7-17=-754/2 -12=-9/258, 20=-327/2306,	17,	on the bottor 3-06-00 tall to chord and ar All bearings Provide mec bearing plate	has been designe n chord in all are by 2-00-00 wide v hy other member are assumed to b hanical connection capable of withs ft at joint 22 and	as where will fit betw s, with BC be SP 240 bn (by oth standing 3	a rectangle veen the botto DL = 10.0psf 0F 2.0E or D ers) of truss t 73 lb uplift at	om 5. SS . o ; joint		111WY			EER. KIN	WWWWWWWWWW

March 18,2025

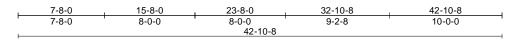
Page: 1

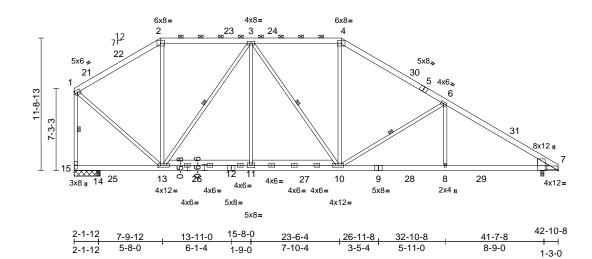
818 Soundside Road Edenton, NC 27932

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Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A04	Piggyback Base	1	1	Job Reference (optional)	172074078

Run: 8.83 E Feb 18 2025 Print: 8.830 E Feb 18 2025 MiTek Industries, Inc. Tue Mar 18 09:39:09 ID:dgj6Q8W0Xcg9Ui33vt2BYiyKtaZ-Kc3mkyI0qxopUt64mNNy6xv7S_NAqqjRLYIrSSzZvEo Page: 1





Scale = 1:102.1

Plate Offsets (X, Y): [7:1-0-0,0-0-12], [7:0-0-4,1-1-11], [13:0-2-12,0-2-0]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.67	Vert(LL)	-0.14	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.99	Vert(CT)	-0.28	8-10	>999	240		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.95	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.10	8-10	>999	240	Weight: 385 lb	FT = 20%

LUMBER	
TOP CHORD	2x6 SP No.2
BOT CHORD	2x6 SP No.2
WEBS	2x4 SP No.3 *Except* 15-1,13-3,10-3:2x4 SP
	No.2
WEDGE	Right: 2x8 SP 2400F 2.0E or DSS
BRACING	• • • • • • • • • • • •
TOP CHORD	Structural wood sheathing directly applied or
	3-7-13 oc purlins, except end verticals, and 2-0-0 oc purlins (5-7-5 max.): 2-4.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc
Bor onone	bracing, Except:
	2-2-0 oc bracing: 7-8.
WEBS	1 Row at midpt 1-15, 3-13, 3-10, 6-10
REACTIONS	(size) 7=0-3-8, 14=0-3-8, 15=2-3-8
	Max Horiz 15=-455 (LC 13)
	Max Uplift 7=-420 (LC 13), 15=-310 (LC 12)
	Max Grav 7=1800 (LC 20), 14=256 (LC 2),
	15=1520 (LC 2)
FORCES	(lb) - Max. Comp./Max. Ten All forces 250
TOP CHORD	(lb) or less except when shown. 1-21=-1157/394, 21-22=-1090/405,
TOP CHORD	2-22=-1068/431, 2-23=-942/453,
	3-23=-942/453, 3-24=-1592/640,
	4-24=-1592/640, 1-15=-1557/549,
	4-30=-1840/628, 5-30=-1875/591,
	5-6=-1954/577, 6-31=-2472/645,
DOTOLODD	7-31=-2534/600
BOT CHORD	14-15=-276/451, 14-25=-276/451, 13-25=-276/451, 13-26=-302/1571,
	12-26=-300/1573, 11-12=-300/1572,
	11-27=-299/1577, 10-27=-301/1569,
	9-10=-401/2074, 9-28=-401/2074,
	8-28=-401/2074, 8-29=-401/2074,
	7-29=-401/2074
WEBS	1-13=-328/1251, 3-13=-1136/354,
	3-11=0/503, 3-10=-185/355, 4-10=-27/509, 6-10=-796/446, 6-8=0/305
	0-10-130/440, 0-0=0/303

NOTES

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 10-5-4 to 14-8-11, Interior (1) 14-8-11 to 17-11-8, Exterior (2) 17-11-8 to 24-0-4, Interior (1) 24-0-4 to 33-11-8, Exterior (2) 33-11-8 to 40-0-4, Interior (1) 40-0-4 to 53-2-0 zone; cantilever left and right exposed ; end vertical right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Provide adequate drainage to prevent water ponding.
 This truss has been designed for a 10.0 psf bottom
- chord live load nonconcurrent with any other live loads.
 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle
 2.06.00 tall but 2.00.00 wild will fit between the bottom.
- 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 6) Provide mechanical connection (by others) of truss to
- bearing plate capable of withstanding 310 lb uplift at joint 15 and 420 lb uplift at joint 7.
 This truss is designed in accordance with the 2015
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
- LOAD CASE(S) Standard

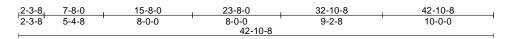


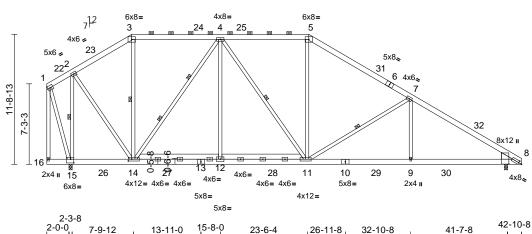
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Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A05	Piggyback Base	4	1	Job Reference (optional)	172074079

Run: 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:35 ID:kqMuJWfsUUcMreZDhllJdWyKtbh-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1





	1012	10 11 0		2001	20 11 0	02 10 0	1110		
2-0-0	5-6-4	6-1-4	1-9-0	7-10-4	3-5-4	5-11-0	8-9-0	1-3-0	,
0-3	3-8							00	

Scale = 1:104.1

Plate Offsets (X, Y): [8:0-3-8,0-2-0], [8:0-0-4,1-1-11], [14:0-3-12,0-2-0], [15:0-3-8,0-4-0]

Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15		тс	0.63	Vert(LL)	-0.13	9-11	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.93	Vert(CT)	-0.26	9-11	>999	240		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.75	Horz(CT)	0.05	8	n/a	n/a		
BCDL	10.0	Code	IRC201	5/TPI2014	Matrix-MS		Wind(LL)	0.09	9-11	>999	240	Weight: 405 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS WEDGE BRACING TOP CHORD BOT CHORD WEBS REACTIONS FORCES TOP CHORD BOT CHORD WEBS NOTES	2x6 SP No.2 2x4 SP No.3 *Excep No.2 Right: 2x8 SP 2400F Structural wood she 3-10-7 oc purlins, e 2-0-0 oc purlins, (5-1 Rigid ceiling directly bracing. 1 Row at midpt 2 Rows at 1/3 pts (size) 8=0-3-8, Max Horiz 15=-455 (Max Uplift 8=-404 (L Max Grav 8=1734 (I (lb) - Maximum Com Tension 1-2=-22/50, 2-3=-87 4-5=-1463/593, 1-16 7-8=-2400/596 15-16=-1/2, 14-15=- 12-14=-274/1386, 1 9-11=-359/1960, 8-9 1-15=-15/17, 4-14=- 4-12=0/486, 4-11=-2 7-11=-810/450, 7-9 2-15=-1635/561	t* 16-1,14-4,11-4:2x4 5 2.0E or DSS athing directly applied xcept end verticals, a 0-6 max.): 3-5. applied or 2-2-0 oc 3-14, 4-11, 7-11, 2-1 4-14 15=0-3-8 LC 13) C 13), 15=-280 (LC 1 C 20), 15=1842 (LC pression/Maximum 8/359, 3-4=-704/362, 3=-46/17, 5-7=-1807/5 276/453, 1-12=-274/1391, 3=-359/1960 1205/359, 3-14=-34/2 204/381, 5-11=-4/439 9(/311, 2-14=-286/12)	2) 4 SP d or nd 3) 4) 5 5) 2) 6) 2) 7) 575, 8) 5775, LC 160,	Wind: ASCE Vasd=103mµ II; Exp C; En and C-C Ext 14-8-11 to 1 Interior (1) 2 40-0-4, Interi exposed ; en and forces & DOL=1.60 pl Provide aded This truss ha chord live loa * This truss ha chord and ar All bearings Provide mec bearing plate 15 and 404 I Graphical put	7-10; Vult=130mp h; TCDL=6.0psf; closed; MWFRS (erior (2) 10-5-4 to 7-11-8, Exterior (2 4-0-4 to 33-11-8, E or (1) 40-0-4 to 53 divertical right exy MWFRS for react ate grip DOL=1.60 yuate drainage to is been designed ad nonconcurrent has been designed in chord in all area by 2-00-00 wide w by other members are assumed to be hanical connections capable of withst b uplift at joint 8. rlin representation ation of the purlin at	BCDL=6 envelope 14-8-11,) 17-11-5 Exterior (3-2-0 zor cossed;C- cions sho co- prevent (for a 10.0 with any f for a 1iv s where ill fit betwo with BC e SP No. h (by oth anding 2 h does no	cond gust) cond gust) const; h=25ft a) exterior zo Interior (1) b to 24-0-4, c) 33-01-8 to te; cantilever C for member water pondin D psf bottom other live load e load of 20. a rectangle veen the bottt DL = 10.0ps 2. ers) of truss 80 lb uplift a bt depict the site bt depict the site bt depict the site construction of the site construct	ne right ers g. ads. Opsf f. to t joint			(n)	SEA 0363	ROLL 22 EEREK



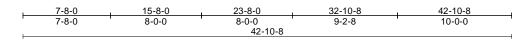
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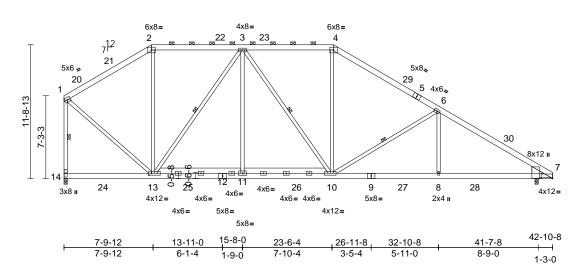
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Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A06	Piggyback Base	6	1	Job Reference (optional)	172074080

Run: 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:36 ID:Q2iPkpjV9KR3f2KTJ8tn8nyKteB-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1





Scale = 1:101.1

Plate Offsets (X, Y): [7:1-0-0,0-0-12], [7:0-0-4,1-1-11], [13:0-2-12,0-2-0]

Loading	(psf)	Spacing	2-0-0		csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15		тс	0.67	Vert(LL)	-0.14	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	1.00	Vert(CT)	-0.28	8-10	>999	240		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.91	Horz(CT)	0.06	7	n/a	n/a		
BCDL	10.0	Code	IRC2018	5/TPI2014	Matrix-MS		Wind(LL)	0.10	8-10	>999	240	Weight: 385 lb	FT = 20%
UMBER OP CHORD OT CHORD	2x6 SP No.2 2x6 SP No.2		2)	Vasd=103mp	7-10; Vult=130mpl oh; TCDL=6.0psf; E closed; MWFRS (e	SCDL=6	.0psf; h=25ft						
VEBS	2x4 SP No.3 *Excep	t* 14-1,13-3,10-3:2x	4 SP		erior (2) 10-5-4 to 1								
WEDGE	No.2 Right: 2x8 SP 2400F	2 OF or DSS			7-11-8, Exterior (2) 4-0-4 to 33-11-8, E								
BRACING	Right. 2x0 3F 2400F	2.02 01 033			or (1) 40-0-4 to 53-								
TOP CHORD	Structural wood she 3-7-7 oc purlins, ex 2-0-0 oc purlins (5-6	cept end verticals, a -14 max.): 2-4.	nd	members an Lumber DOL	osed ; end vertical d forces & MWFRS =1.60 plate grip D0	for rea	ctions showr	1;					
3OT CHORD	Rigid ceiling directly bracing, Except: 2-2-0 oc bracing: 7-8	3.	; -, 4)	-, ····································									
I	(size) 7=0-3-8, 1 Max Horiz 14=-455 (LC 13)		on the bottor 3-06-00 tall b	n chord in all areas by 2-00-00 wide will by other members,	where fit betv	a rectangle	om					
	Max Uplift 7=-418 (L Max Grav 7=1811 (L	<i>.</i>	Ý 01		are assumed to be								
FORCES	(lb) - Maximum Com Tension		-) /)	bearing plate	hanical connection capable of withsta puplift at joint 7.								
TOP CHORD	1-2=-1219/424, 2-3= 3-4=-1612/638, 1-14	=-1632/540,	8)	Graphical pu or the orienta	rlin representation ation of the purlin a			size				mm	U111.
BOT CHORD	4-6=-1977/626, 6-7= 13-14=-273/452, 11- 10-11=-297/1603, 8- 7-8=-399/2091	13=-297/1598,	LC	bottom chorc DAD CASE(S)							In	OR ESS	ROUT
WEBS	1-13=-322/1315, 2-1	3=-28/281,								- 2	1	1.01	12 All

3-13=-1088/361, 3-11=0/471, 3-10=-186/351, 4-10=-26/520, 6-10=-793/447, 6-8=0/303

NOTES

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

Warmannin "annununu 0 SEAL 036322 GI minin March 18,2025

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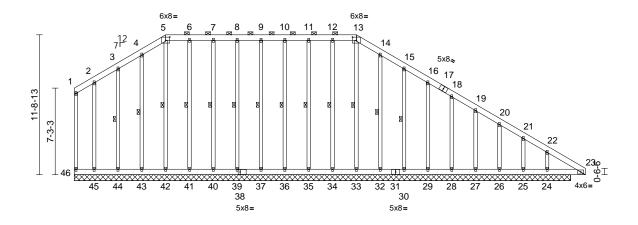


Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A07	Piggyback Base Supported Gable	1	1	Job Reference (optional)	172074081

Run; 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:36 ID:cL9OFHdjRgQSiGYbypXX0HyKtOp-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

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42-10-8

Scale = 1:96.6 Plate Offsets (X, Y): [5:0-4-0,0-3-3], [13:0-4-0,0-3-3], [38:0-2-0,0-2-8]

	, 1): [0:0	1 0,0 0 0]	, [10.0 + 0,0 0 0], [00		2 0]										
Loading TCLL (roof) TCDL BCLL BCDL		(psf) 20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC2	015/TPI2014	CSI TC BC WB Mat		0.21 0.31 0.16	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.02	(loc) - - 24	n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 470 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD WEBS	2x6 SP N 2x4 SP N 2x4 SP N Structura 6-0-0 oc p 2-0-0 oc p Rigid ceil bracing.	o.2 o.2 o.3 I wood she purlins, ex purlins (10- ing directly	eathing directly applied cept end verticals, ar -0-0 max.): 5-13. v applied or 6-0-0 oc 14-32, 15-30, 13-33,	nd	FORCES		26=224 28=178 30=179 33=167 35=162 40=162 42=153 44=184 46=45 (I Maximum Co	(LC 1), : (LC 20) (LC 20) (LC 21) (LC 23) (LC 23) (LC 1), : (LC 24) (LC 1), - (LC 19) LC 23)	25=287 (LC 27=177 (LC 2 29=177 (LC 32=185 (LC 34=164 (LC 36=160 (LC 39=160 (LC 2 41=164 (LC 43=177 (LC 1 45=187 (LC on/Maximum	20), 20), 20), 24), 23), 24), 23), 24), 1), 19), 19),	์ thi	S nbalance is design	16-29 19-27 21-25 13-33 11-35 9-37= 6-41= 3-44= d roof li	-124/82, 5-42=-1 -161/127, 2-45=- ive loads have be	=-149/116, =-146/87, =-331/29, -124/84, -120/84, 20/84, 7-40=-122/8; 13/27, 4-43=-140/10 135/104 en considered for
REACTIONS	$\begin{array}{c} Tree Value and Va$					3-4=-140/170, 4-5=-191/233, 5-6=-182/231, II; Exp C; Enclosed; MWFR3 6-7=-182/231, 7-8=-182/231, 8-9=-182/231, and C-C Corner (3) 10-5-4 t 9-10=-182/231, 10-11=-182/231, 14-8-11 to 17-11-8, Corner (1) 11-12-182/231, 11-12=-182/231, 12-13=-182/231, Exterior (2) 21-11-8 to 33-11 13-14=-191/248, 14-15=-140/214, 37-11-8, Exterior (2) 37-11-8 15-16=-151/172, 16-18=-170/172, Iet and right exposed; end for moments and forces 8.						d; MWFRS (enve 3) 10-5-4 to 14-8- 8, Corner (3) 17-1 -8 to 33-11-8, Cor (2) 37-11-8 to 53- sed ; end vertical forces & MWERS	L=6.0psf; h=25ft; C lope) exterior zone 11, Exterior (2) 1-8 to 21-11-8, ner (3) 33-11-8 to 2-0 zone; cantilever right exposed;C-C for coactions chow		
	44=41-7-8, 45=41-7-8, 46=41-7-8					45-46 43-44 41-42 39-40 36-37 34-35 32-33 29-30 27-28 25-26		2-43=-2 0-41=-2 7-39=-2 5-36=-2 3-34=-2 0-32=-2 8-29=-2 6-27=-2	77/449, 77/449, 77/449, 77/449, 77/449, 77/449, 77/449, 77/449,			9		SEA 0363	

Continued on page 2

Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTER REFERENCE PAGE MII-7473 rev. 1/2/2023 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 **ANSUTPH Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) with the Section of the prevent collapse contervent for the Sectional temporation (www.tpinst.org) and BCSI Building Component Safety Information available from the Structural Building Component Association (www.sbcacomponents.com)

818 Soundside Road Edenton, NC 27932

March 18,2025

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	A07	Piggyback Base Supported Gable	1	1	Job Reference (optional)	172074081
Builders FirstSource (Sumter	SC), Sumter, SC - 29153.	Run: 8.83 S Mar 11	Page: 2			

- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable. or consult qualified building designer as per ANSI/TPI 1.
- 4) Provide adequate drainage to prevent water ponding.
- 5) All plates are 2x4 (||) MT20 unless otherwise indicated.
- 6) Gable studs spaced at 2-0-0 oc.
- 7) This truss has been designed for a 10.0 psf bottom
- chord live load nonconcurrent with any other live loads. * This truss has been designed for a live load of 20.0psf 8) on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 9) All bearings are assumed to be SP No.2.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 41 lb uplift at joint 46, 84 lb uplift at joint 32, 97 lb uplift at joint 30, 93 lb joint 27, 11 lb uplift at joint 28, 114 lb uplift at joint 27, 11 lb uplift at joint 26, 574 lb uplift at joint 25, 92 Ib uplift at joint 24, 45 lb uplift at joint 33, 60 lb uplift at joint 34, 61 lb uplift at joint 35, 57 lb uplift at joint 36, 56 Ib uplift at joint 37, 57 lb uplift at joint 39, 60 lb uplift at joint 40, 58 lb uplift at joint 41, 3 lb uplift at joint 42, 77 lb uplift at joint 43, 103 lb uplift at joint 44 and 79 lb uplift at joint 45.
- 11) Non Standard bearing condition. Review required.
- 12) 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

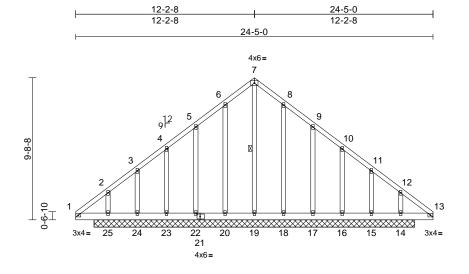
ID:cL9OFHdjRgQSiGYbypXX0HyKtOp-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

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



Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	B01	Common Supported Gable	1	1	Job Reference (optional)	172074082

Run: 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:37 ID:FSYDYJvn3R0DAgcdi9uYNxyKtJH-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



Scolo 1.78.7		1-3-0	24-5-0	1
Scale = 1.76.7	Scale = 1:78.7	1-3-0	23-2-0	1

Plate Offsets (X, Y): [21:0-2-8,0-2-0]

	X, T). [21.0-2-0,0-2-0	1										
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 20.0 10.0 0.0* 10.0	Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.15 1.15 YES IRC2015/TPI201	CSI TC BC WB 4 Matrix-MS	0.10 0.18 0.18	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 14	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 183 lb	GRIP 244/190 FT = 20%
	2x6 SP No.2 2x4 SP No.3 Structural wood she 10-0-0 oc purlins. Rigid ceiling directly bracing. 1 Row at midpt (size) 14=21-11 16=21-11 20=21-11 20=21-11 25=21-11 25=21-11 25=21-11 Max Horiz 25=306 (I Max Uplift 14=-193 (16=-73 (L 18=-100 (22=-134 (24=-281 (18=194 (I 20=194 (I 20=194 (I 25=373 (I (lb) - Maximum Com Tension 1-2=-186/212, 2-3=- 4-5=-140/245, 5-6=-	7-19 -0, 15=21-11-0, -0, 19=21-11-0, -0, 19=21-11-0, -0, 22=21-11-0, -0, 22=21-11-0, -0, 24=21-11-0, -0 -C 9) LC 9), 15=-270 (LC 13 C 13), 17=-133 (LC 13 LC 13), 20=-101 (LC 1 LC 12), 23=-70 (LC 12 LC 12), 25=-214 (LC 8 LC 13), 15=317 (LC 11 LC 24), 22=189 (LC 13 LC 19), 22=189 (LC 10 LC 20), 24=333 (LC 10 LC 20) pression/Maximum 160/206, 3-4=-104/193 221/304, 6-7=-292/357 221/295, 9-10=-140/23	or WEBS 1) Unbala this de 2) Wind: Vasd= 2), 12-2-8 2), 12-2-8 2), to 24-5 2), to 24-5 2), to 24-5 2), to 24-5 2), to 24-5 3), forces 3), orly f 30, russ (3), orly f 3, orly f	RD 1-25=-183/183, 2 23-24=-172/175, 18-19=-172/175, 18-19=-172/175, 16-17=-172/175, 14-15=-172/175, 14-15=-172/175, 7-19=-331/209, 6 5-22=-174/148, 4 3-24=-170/167, 2 8-18=-159/127, 9 8-18=-159/127, 9 10-16=-166/131, 12-14=-167/134 Inced roof live loads hasign. ASCE 7-10; Vult=130m 03mph; TCDL=6.0psf; C; Enclosed; MWFRS C Corner (3) 12-2-8 to 1 0-0 to 3 Corner (3) 12-2-8 to 1 10-2 cone; cantilever left left and right exposed & MWFRS for reactions: 6.0 plate grip DCL=1.6 tesigned for wind loads so studs exposed to win andard Industry Gable is ult qualified building des are 2x4 (II) MT20 u studs spaced at 2-0-0 u studs spaced at 2-0-0 u wide w load nonconcurrent russ has been designed bottom chord in all area 0 tall by 2-00-00 wide w 0 tall by 2-00-00 wide w	22-23=-1 19-20=-1 17-18=-1 15-16=-1 13-14=-1 20=-159 -23=-166 -25=-167 -17=-174 11-15=-1 ve been ph (3-sec BCDL=6 (envelope -0-0, Exte 5-2-8, Ex and right C-C for r s shown; 0 in the pl nd (- s solution) in the pl nd (- s solution) in the pl nd (- s solution) for a liv as where in lift betw s.	72/175, 72/165, 72/165	Cat. ne to -8 d d ss , ole, ole, ole, ole, ed. ds. opsf	bea 20 joir joir 27 10) No	aring pla , 134 lb u lift at joir nt 18, 13 0 lb uplif n Standa CASE(S	te capa uplift at t 24, 2 3 lb up t at join ard beac) Sta	able of withstandi joint 22, 70 lb up 14 lb uplift at joint lift at joint 17, 73 It 15 and 193 lb u tring condition. R	L EFER C

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSUTP11 Quality Criteria and DSB-22** available from Truss Plate Institute (www.tpinst.org) and **BCSI Building Component Safety Information** available from the Structural Building Component Association (www.sbcacomponents.com)



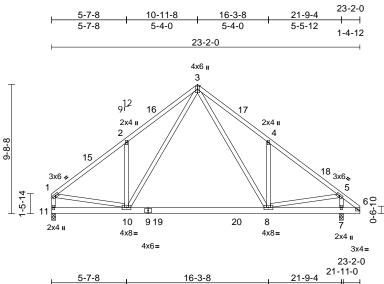
818 Soundside Road Edenton, NC 27932

March 18,2025

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	B02	Common	5	1	Job Reference (optional)	172074083

Run; 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:37 ID:iZ?uUP5IrrakeN_IGaBr9pyKtKK-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



5-7-8 10-8-0 5-5-12 0-1-12 1-3-0

Scale = 1:86.6

	· · · · · ·	i											
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15		тс	0.39	Vert(LL)	-0.13	8-10	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.49	Vert(CT)	-0.23	8-10	>999	240		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.76	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code	IRC20	15/TPI2014	Matrix-MS		Wind(LL)	0.04	8-10	>999	240	Weight: 162 lb	FT = 20%
LUMBER			4) * This truss b	nas been designed	for a liv	e load of 20 (Insf					
TOP CHORD	2x4 SP No.2				n chord in all areas			opoi					
BOT CHORD	2x6 SP No.2				y 2-00-00 wide wi			om					
WEBS	2x4 SP No.3 *Excep	t* 11-1 [.] 2x4 SP No 2	,		v other members.								
BRACING	2/1 01 11010 2/1000		5) All bearings	are assumed to be	SP No.	2.						
TOP CHORD	Structural wood she	athing directly applie	dor 6) Provide mec	hanical connection	(by oth	ers) of truss t	to					
	5-0-7 oc purlins, ex		50 01	bearing plate	e capable of withsta	anding 2	00 lb uplift at	t joint					
BOT CHORD	Rigid ceiling directly			11 and 239 I	b uplift at joint 7.								
	bracing.		L	OAD CASE(S)	Standard								
REACTIONS	(size) 7=0-3-8, 1	11=0-3-8											
	Max Horiz 11=-329 (LC 10)											
	Max Uplift 7=-239 (L	C 13), 11=-200 (LC	12)										
	Max Grav 7=980 (LC	C 1), 11=878 (LC 19)										
FORCES	(lb) - Maximum Com	pression/Maximum	,										
	Tension												
TOP CHORD	1-2=-1040/250, 2-3=	-1203/505,											
	3-4=-1188/504, 4-5=	-1038/248, 5-6=-80	/66,										
	1-11=-873/233												
BOT CHORD	10-11=-314/363, 8-1	0=-36/617, 7-8=-62	/106,										
	6-7=-62/106												
WEBS	1-10=-56/770, 5-7=-												
	2-10=-498/424, 4-8=	,	788,										
	3-10=-350/682, 3-8=	-349/662											area.
NOTES												TH CA	1111
1) Unbalance	d roof live loads have	been considered for	r									TH CA	Roite

1) this design. 2)

Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-1-12 to 3-1-12, Interior (1) 3-1-12 to 10-11-8, Exterior (2) 10-11-8 to 13-11-8, Interior (1) 13-11-8 to 23-2-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

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

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

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818 Soundside Road Edenton, NC 27932

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Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	B03	Common	6	1	Job Reference (optional)	172074084

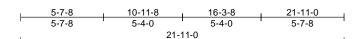
9-8-8

-5-14

3x6

2x4 II

Run; 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:37 ID:XGP0t5arQ8c2RX2Rc_vDnFyKtJi-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



4x6 🛛 3

13

15

2x4 i

7

4x8=

4

14

21-11-0

5-7-8

3x6.

5

6 ĕ

2x4 II

5-7-8 16-3-8 5-7-8 10-8-0

8

4x6=

Loading	(psf)	Spacing	2-0-0	csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	-0.14	7-9	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.49	Vert(CT)	-0.23	7-9	>999	240		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI2014	Matrix-MS		Wind(LL)	0.04	7-9	>999	240	Weight: 156 lb	FT = 20%

LUMBER

BRACING TOP CHORD

BOT CHORD

FORCES

TOP CHORD

BOT CHORD

REACTIONS (size)

Scale = 1:78.1

- 2x4 SP No.2 TOP CHORD
- 2x6 SP No.2 BOT CHORD 2x4 SP No.3 *Except* 10-1,6-5:2x4 SP No.2 WEBS

bracing.

Tension

All bearings are assumed to be SP No.2 . 5)

Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 201 lb uplift at joint

10 and 201 lb uplift at joint 6.

LOAD CASE(S) Standard

9¹²

2x4 I 2

9

4x8=

12

WEBS NOTES

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

Max Horiz 10=-329 (LC 8)

Structural wood sheathing directly applied or 5-0-7 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc

6=0-3-8, 10=0-3-8

Max Uplift 6=-201 (LC 13), 10=-201 (LC 12) Max Grav 6=880 (LC 20), 10=880 (LC 19)

(lb) - Maximum Compression/Maximum

9-10=-335/362, 7-9=-54/620, 6-7=-84/128 1-9=-57/773, 5-7=-59/777, 2-9=-499/424,

4-7=-499/424, 3-9=-351/681, 3-7=-351/681

1-2=-1044/255, 2-3=-1205/505, 3-4=-1205/505, 4-5=-1045/255, 1-10=-875/237, 5-6=-874/237

- Wind: ASCE 7-10; Vult=130mph (3-second gust) 2) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-1-12 to 3-1-12, Interior (1) 3-1-12 to 10-11-8, Exterior (2) 10-11-8 to 13-11-8, Interior (1) 13-11-8 to 21-9-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- This truss has been designed for a 10.0 psf bottom 3) chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf 4) on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.



Page: 1

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Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	C01	Common	1	1	Job Reference (optional)	172074085

Loading

TCDL

BCLL

BCDL

LUMBER

OTHERS

BRACING

FORCES

WEBS

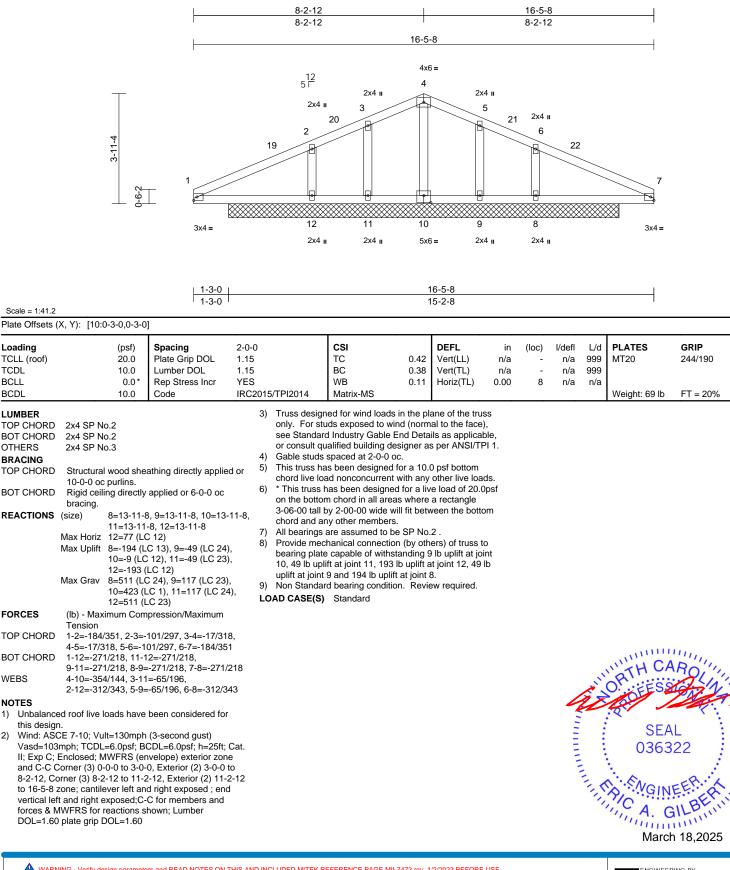
NOTES

2)

TCLL (roof)

Run: 8 83 S. Mar 11 2025 Print: 8 830 S. Mar 11 2025 MiTek Industries. Inc. Mon Mar 17 10:26:37 ID:sr?KIG5lay7NMBw5pZk_LRyJgyC-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



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Edenton, NC 27932

VIIIIIIIIIIII

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	C02	Common	3	1	Job Reference (optional)	172074086

Run; 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:38 ID:saUuASteaj_nqZ7qKVx_9syJgyT-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1

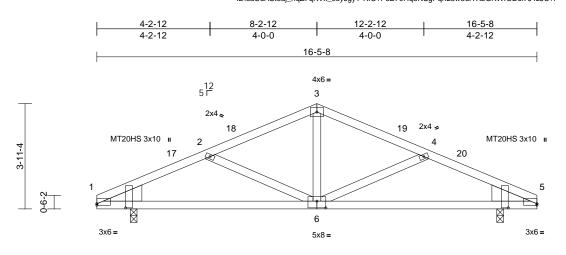




Plate Offsets (X, Y): [1:Edge,0-0-11], [1:0-1-13,1-0-14], [5:Edge,0-0-11], [5:0-1-13,1-0-14], [6:0-4-0,0-3-0]

					-						i	
(psf)	Spacing	2-0-0		csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
20.0	Plate Grip DOL	1.15		TC	0.51	Vert(LL)	-0.04	6	>999	360	MT20	244/190
10.0	Lumber DOL	1.15		BC	0.46	Vert(CT)	-0.06	6-11	>999	240	MT20HS	187/143
0.0*	Rep Stress Incr	YES		WB	0.11	Horz(CT)	0.02	5	n/a	n/a		
10.0	Code	IRC201	5/TPI2014	Matrix-MS		Wind(LL)	0.08	6-11	>999	240	Weight: 78 lb	FT = 20%
		5)	* This truss I	has been designe	d for a liv	e load of 20 (Insf					
2x4 SP No 2		0)					opo.					
2x4 SP No.2			3-06-00 tall I	oy 2-00-00 wide w	vill fit betv	veen the bott	om					
2x4 SP No.3			chord and a	ny other members	5.							
Left: 2x8 SP 2400F 2	2.0E or DSS	6)										
Right: 2x8 SP 2400F	2.0E or DSS	7)										
					tanding 3	09 lb uplift at	t joint					
Structural wood she	athing directly applie	ed or										
5-10-1 oc purlins.			DAD CASE(S)	Standard								
	applied or 6-11-13 of	OC										
•												
, ,												
(,											
()	pression/Maximum											
	610/757 2 4- 610/7	757										
	019/101, 3-4=-019/1	57,										
	125/157. 2-6=-125/1	56										
	- ,											11
I roof live loads have	been considered for	r									111111 01	D''''
											TH UF	NON
E 7-10; Vult=130mph	(3-second gust)									15	Chi i i i i i	Dolli's
ph; TCDL=6.0psf; B	CDL=6.0psf; h=25ft;	Cat.								20		No.
nclosed: MWFRS (er	velope) exterior zor	ne								-	:0 ×	1
	10.0 0.0* 10.0 2x4 SP No.2 2x4 SP No.3 Left: 2x8 SP 2400F Right: 2x8 SP 2400F Structural wood she 5-10-1 oc purlins. Rigid ceiling directly bracing. size) 1=0-3-0, § fax Horiz 1=77 (LC fax Uplift 1=-309 (L fax Grav 1=658 (LC (lb) - Maximum Com Tension 1-2=-738/773, 2-3=- 4-5=-738/773, 2-3=- 4-5=-738/773, 2-3=- toof live loads have 5-10; Vult=130mph ph; TCDL=6.0psf; Bi	20.0 10.0	20.0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES 10.0 2x4 SP No.2 2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 Left: 2x8 SP 2400F 2.0E or DSS 6) Right: 2x8 SP 2400F 2.0E or DSS 7) Structural wood sheathing directly applied or 5-10-1 oc purlins. Rigid ceiling directly applied or 6-11-13 oc bracing. size) 1=0-3-0, 5=0-3-0 Max Horiz 1=77 (LC 12) Max Grav 1=658 (LC 1), 5=658 (LC 1) (Ib) - Maximum Compression/Maximum Tension 1-2=-738/773, 2-3=-619/757, 3-4=-619/757, 4-5=-7387/253, 4-6=-125/157, 2-6=-125/156 roof live loads have been considered for	20.0 Plate Grip DOL 1.15 10.0 Lumber DOL 1.15 0.0* Rep Stress Incr YES 10.0 Code IRC2015/TPI2014 2x4 SP No.2 Some and the bottom and	20.0 Plate Grip DOL 1.15 TC 10.0 Lumber DOL 1.15 BC 0.0* Rep Stress Incr YES WB 10.0 Code IRC2015/TPI2014 Matrix-MS 2x4 SP No.2 Structural wood sheathing directly applied or 5-10-1 oc purlins. 5) * This truss has been designe on the bottom chord in all are: 3-06-00 tall by 2-00-00 wide w chord and any other members 6) All bearings are assumed to b 7) 7) Provide mechanical connectic bearing plate capable of withs 1 and 309 lb uplift at joint 5. 1 1 1 Size) 1=0-3-0, 5=0-3-0 1ax Gray 1=658 (LC 1), 5=-658 (LC 1) 1 (lb) - Maximum Compression/Maximum Tension 1:2=-738/773 1-5=-637/617 3-6=-387/253, 4-6=-125/157, 2-6=-125/156 roof live loads have been considered for 7-10; Vult=130mph (3-second gust) ph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat.	20.0 Plate Grip DOL 1.15 TC 0.51 10.0 Lumber DOL 1.15 BC 0.46 0.0* Rep Stress Incr YES WB 0.11 2x4 SP No.2 Code IRC2015/TPI2014 Matrix-MS 2x4 SP No.3 Edit: 2x8 SP 2400F 2.0E or DSS 5) * This truss has been designed for a liv on the bottom chord in all areas where 3-06-00 tall by 2-00-00 wide will fit betw chord and any other members. 6) All bearings are assumed to be SP No. 7) Provide mechanical connection (by oth bearing plate capable of withstanding 3 1 and 309 lb uplift at joint 5. Structural wood sheathing directly applied or 6-11-13 oc bracing. 5) * This truss has been designed for a five on the bottom chord in all areas where 3-06-00 tall by 2-00-00 wide will fit betw chord and any other members. 6) All bearings are assumed to be SP No. 7) 7) Provide mechanical connection (by oth bearing plate capable of withstanding 3 1 and 309 lb uplift at joint 5. LOAD CASE(S) Standard 1:2=-738/773, 2-3=-619/757, 3-4=-619/757, 4-5=-738/773 1-5=-637/617 1-2=-738/773, 3-4=-125/157, 2-6=-125/156 roof live loads have been considered for 7-10; Vult=130mph (3-second gust) ph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat.	20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) 10.0 0.0* Rep Stress Incr YES WB 0.11 Horz(CT) 10.0 Code IRC2015/TPI2014 Matrix-MS Vert(LL) Vert(LL) 2x4 SP No.2 Code IRC2015/TPI2014 Matrix-MS Wind(LL) 2x4 SP No.2 Structural vood sheathing directly applied or 5-10-1 oc purlins. 5) * This truss has been designed for a live load of 20.0 on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bott chord and any other members. Structural wood sheathing directly applied or 6-11-13 oc bracing. 5) * This truss has been designed for 5. Structural wood sheathing directly applied or 6-11-13 oc bracing. 5) * One Otall by 2-00-00 wide will fit at joint 5. LOAD CASE(S) Standard 1 and 309 lb uplift at joint 5. LOAD CASE(S) Itau Uplift 1=-309 (LC 8), 5=-309 (LC 9) 1 and 309 lb uplift at joint 5. LOAD CASE(S) Itau Uplift 1=-309 (LC 8), 5=-309 (LC 9) 3-6=-387/773 1-5=-637/617 1-2=-738/773 1-5=-637/617 3-6=-387/253, 4-6=-125/156 roof live loads have been considered for	20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) -0.04 10.0 Lumber DOL 1.15 BC 0.46 Vert(CT) -0.06 0.0* Rep Stress Incr YES WB 0.11 Horz(CT) 0.02 10.0 Code IRC2015/TPI2014 Matrix-MS Wind(LL) 0.08 2x4 SP No.2 Structural volume Software Software	20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) -0.04 6 10.0 0.0* Rep Stress Incr YES WB 0.11 Horz(CT) -0.06 6-11 0.0* Code IRC2015/TPI2014 WB 0.11 Horz(CT) 0.02 5 10.0 Code IRC2015/TPI2014 Matrix-MS Wind(LL) 0.08 6-11 2x4 SP No.2 Structural work of and any other members. 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members. 6) All bearings are assumed to be SP No.2. 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 309 lb uplift at joint 1 and 309 lb uplift at joint 5. LOAD CASE(S) Standard Size) 1=0-3-0, 5=0-3-0 tax Uplift 1=-309 (LC 8), 5=-309 (LC 9) tax Grav 1=658 (LC 1), 5=658 (LC 1) (b) All bearing plate capable of withstanding 309 lb uplift at joint 1. 1 and 309 lb uplift at joint 5. LOAD CASE(S) Standard 1=2=-738/773 2-3=-619/757, 3-4=-619/757, 4-5=-125/156 <t< td=""><td>20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) -0.04 6 >999 10.0 Lumber DOL 1.15 BC 0.46 Vert(CT) -0.06 6-11 >999 10.0 Code IRC2015/TPI2014 Matrix-MS Vert(CT) -0.06 6-11 >999 2x4 SP No.2 Code IRC2015/TPI2014 Matrix-MS Wind(LL) 0.08 6-11 >999 2x4 SP No.2 Stress Incr YES Matrix-MS Wind(LL) 0.08 6-11 >999 2x4 SP No.2 Stress Payon Solution Note the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members. All bearings are assumed to be SP No.2. 7 Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 309 lb uplift at joint 1 and 309 lb uplift at joint 5. LOAD CASE(S) Standard Size) 1=0-3-0, 5=-0-3-0 Tax Horiz 1=77 (LC 12) Solution Solution Solution Solutio</td><td>20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) -0.04 6 >999 360 10.0 Lumber DOL 1.15 BC 0.46 Vert(CT) -0.06 6-11 >999 240 0.0* Code IRC2015/TPI2014 Matrix-MS Wind(LL) 0.08 6-11 >999 240 2x4 SP No.2 Zx4 SP No.2 SP No.2 SP No.3 Wind(LL) 0.08 6-11 >999 240 2x4 SP No.2 SP A00F 2.0E or DSS ntb bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord any other members. 6) All bearings are assumed to be SP No.2. Structural wood sheathing directly applied or 5-10-10 cp purlins. Sigid ceiling directly applied or 6-11-13 oc bracing. 6) All bearings are assumed to be SP No.2. 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 309 lb uplift at joint 1 and 309 lb uplift at joint 1 and 309 lb uplift 1 =-309.(LC 8), 5=-309 (LC 9) 1and 309 lb uplift at joint 5. LOAD CASE(S) Standard 12e-738/773, 2-3e-619/757, 3-4=-619/757, 4-5=-7125/156 For 38/7253, 4-6=-125/157, 2-6=-125/156 For 38/7253, 4-6=-125/157, 2-6=-125/156 For 38/7253, 4-6=-125/157, 2-6=-125/156</td><td>20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) -0.04 6 >999 360 MT20 0.0 No Rep Stress Incr YES BC 0.46 Vert(CT) -0.06 6-11 >999 240 MT20 0.0 Rep Stress Incr YES WB 0.11 Hor(CT) -0.06 6-11 >999 240 Weight: 78 lb 2x4 SP No.2 Code IRC2015/TPI2014 Matrix-MS Vind(LL) 0.08 6-11 >999 240 Weight: 78 lb 2x4 SP No.2 Code On the bottom chord in all areas where a rectangle </td></t<>	20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) -0.04 6 >999 10.0 Lumber DOL 1.15 BC 0.46 Vert(CT) -0.06 6-11 >999 10.0 Code IRC2015/TPI2014 Matrix-MS Vert(CT) -0.06 6-11 >999 2x4 SP No.2 Code IRC2015/TPI2014 Matrix-MS Wind(LL) 0.08 6-11 >999 2x4 SP No.2 Stress Incr YES Matrix-MS Wind(LL) 0.08 6-11 >999 2x4 SP No.2 Stress Payon Solution Note the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members. All bearings are assumed to be SP No.2. 7 Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 309 lb uplift at joint 1 and 309 lb uplift at joint 5. LOAD CASE(S) Standard Size) 1=0-3-0, 5=-0-3-0 Tax Horiz 1=77 (LC 12) Solution Solution Solution Solutio	20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) -0.04 6 >999 360 10.0 Lumber DOL 1.15 BC 0.46 Vert(CT) -0.06 6-11 >999 240 0.0* Code IRC2015/TPI2014 Matrix-MS Wind(LL) 0.08 6-11 >999 240 2x4 SP No.2 Zx4 SP No.2 SP No.2 SP No.3 Wind(LL) 0.08 6-11 >999 240 2x4 SP No.2 SP A00F 2.0E or DSS ntb bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord any other members. 6) All bearings are assumed to be SP No.2. Structural wood sheathing directly applied or 5-10-10 cp purlins. Sigid ceiling directly applied or 6-11-13 oc bracing. 6) All bearings are assumed to be SP No.2. 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 309 lb uplift at joint 1 and 309 lb uplift at joint 1 and 309 lb uplift 1 =-309.(LC 8), 5=-309 (LC 9) 1and 309 lb uplift at joint 5. LOAD CASE(S) Standard 12e-738/773, 2-3e-619/757, 3-4=-619/757, 4-5=-7125/156 For 38/7253, 4-6=-125/157, 2-6=-125/156 For 38/7253, 4-6=-125/157, 2-6=-125/156 For 38/7253, 4-6=-125/157, 2-6=-125/156	20.0 Plate Grip DOL 1.15 TC 0.51 Vert(LL) -0.04 6 >999 360 MT20 0.0 No Rep Stress Incr YES BC 0.46 Vert(CT) -0.06 6-11 >999 240 MT20 0.0 Rep Stress Incr YES WB 0.11 Hor(CT) -0.06 6-11 >999 240 Weight: 78 lb 2x4 SP No.2 Code IRC2015/TPI2014 Matrix-MS Vind(LL) 0.08 6-11 >999 240 Weight: 78 lb 2x4 SP No.2 Code On the bottom chord in all areas where a rectangle

- and C-C Exterior (2) 0-0-0 to 3-0-0, Interior (1) 3-0-0 to 8-2-12, Exterior (2) 8-2-12 to 11-2-12, Interior (1) 11-2-12 to 16-5-8 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- All plates are MT20 plates unless otherwise indicated. 3)
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.



SEAL

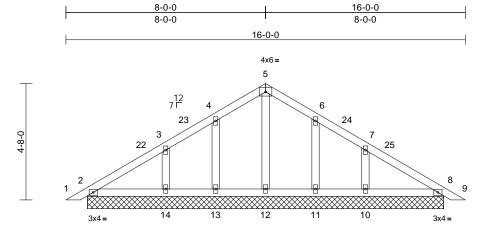
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 1/2/2023 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use,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

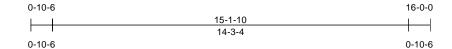
Scale = 1:43.1

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	PB01	Piggyback	2	1	Job Reference (optional)	172074087

Run: 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:38 ID:93Kt1_8uKuclbJYXLvZr?syKthW-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1





Scale = 1:46.1

Loading TCLL (roof) TCDL	(psf 20.0 10.0	Plate Grip DOL	2-0-0 1.15 1.15		CSI TC BC	0.09 0.08	DEFL Vert(LL) Vert(CT)	in n/a n/a	(loc) -	l/defl n/a n/a	L/d 999 999	PLATES MT20	GRIP 244/190
BCLL	0.0		YES		WB	0.00	Horz(CT)	0.00	8	n/a	n/a		
BCDL	10.0			5/TPI2014	Matrix-MS	0.00	11012(01)	0.00	0	1,0		Weight: 68 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 Structural wood 6-0-0 oc purlins. Rigid ceiling dire bracing. (size) 2=14- 11=14 14=14 Max Horiz 2=150 Max Uplift 2=-33 10=-1 13=-77 Max Grav 2=120 10=27	Sheathing directly applied or 10-0-0 o 3-4, 8=14-3-4, 10=14-3 -3-4, 12=14-3-4, 13=14 -3-4 (LC 11) (LC 13), 8=-30 (LC 13) 15 (LC 13), 11=-77 (LC 3 (LC 12), 14=-145 (LC (LC 1), 8=155 (LC 1), 8 (LC 20), 11=149 (LC	2) ed or c -4, 3) I-3-4, , 4) 1-3-4, , 4) (1-3-4, (1-3)(1-3) (1-3)	 Wind: ASCE Vasd=103mµ Lyap C; En and C-C Ext 8-0-0, Exteri 15-8-8 zone; vertical left a forces & MW DOL=1.60 pl Truss design only. For st see Standar or consult qu All plates are Gable requir Gable studs This truss ha chord live log 	7-10; Vult=130m ob; TCDL=6.0psf closed; MWFRS erior (2) 0-3-8 to : or (2) 8-0-0 to 11- cantilever left an ind right exposed for wind loads ds exposed to w d Industry Gable alified building dr 2 2x4 ([]) MT20 u es continuous bo spaced at 2-0-0 d is been designed ad nonconcurrent nas been designed	; BCDL=6 (envelope 3-3-8, Inte -0-0, Inter d right ex ;C-C for n s shown; 50 s in the pl ind (norm End Deta esigner a: inless oth ottom chor oc. I for a 10.0 t with any	.0psf; h=25ft s) exterior zo irrior (1) 3-3-2 ior (1) 11-0-0 posed ; end nembers and Lumber ane of the tru al to the face ills as applica s per ANSI/TI erwise indica d bearing.	ss), ble, PI 1. ted.					
	14=27	1 (LC 22), 13=150 (LC 9 (LC 19)			m chord in all area by 2-00-00 wide v			om					
FORCES	(lb) - Maximum C Tension	ompression/Maximum		chord and ar	y other members	s.							
TOP CHORD	1-2=0/17, 2-3=-1	10/100, 3-4=-101/103, 6=-136/130, 6-7=-88/80 0/17	9) 1(D,	0) Provide mec bearing plate	are assumed to b hanical connection capable of withs	on (by oth standing 3	ers) of truss t 3 lb uplift at j	oint					Della
BOT CHORD	2-14=-50/99, 13-	14=-50/99, 12-13=-50/9-11=-50/99, 8-1000000000000000000000000000000000000		at joint 14, 7	t at joint 8, 78 lb u 7 lb uplift at joint	11, 145 lb	uplift at joint				Y	RTHOR	SALL IN
WEBS	,	3=-134/109, 3-14=-215	450	 See Standar Detail for Co 	t joint 2 and 30 lb d Industry Piggyb nnection to base fied building desi	back Trus truss as a	s Connection			4	a	PREFO	The
		ave been considered fo	r Lo	OAD CASE(S)	•	.g. /or /				1111		SEA 0363	• -

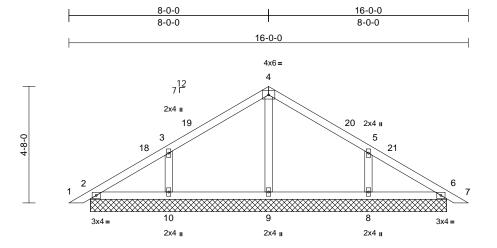


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Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	PB02	Piggyback	20	1	Job Reference (optional)	172074088

Run; 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:38 ID:s_wf7OF9zyttosJSw0kBPzyKthM-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1





Scale = 1:46.1

Scale = 1.40.1		1					· · · ·						
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15		тс	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.11	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.07	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code	IRC201	5/TPI2014	Matrix-MS							Weight: 59 lb	FT = 20%
LUMBER TOP CHORD	2x4 SP No.2		4) 5)		es continuous bo spaced at 4-0-0 d		d bearing.						
BOT CHORD	2x4 SP No.2		6)		s been designed		0 psf bottom						
OTHERS	2x4 SP No.3				ad nonconcurrent								
BRACING			7)		as been designe)psf					
TOP CHORD	Structural wood she 6-0-0 oc purlins.	eathing directly applie	ed or	3-06-00 tall b	n chord in all area by 2-00-00 wide v	vill fit betw		om					
BOT CHORD		applied or 10-0-0 or	8)		iy other members are assumed to b		2.						
REACTIONS	0	, 6=14-3-4, 8=14-3-4	. 9)		hanical connection								
		, 10=14-3-4			capable of withs at joint 6, 200 lb								
	Max Horiz 2=150 (LC	,			8, 36 lb uplift at j								
	Max Uplift 2=-36 (LC			joint 6.	-,,								
	Max Grav 2=149 (L	C 13), 10=-200 (LC			d Industry Piggyb								
		9=260 (LC 1), 10=37			nnection to base		applicable, or						
	19)				fied building desi	gner.							
FORCES	(lb) - Maximum Com	npression/Maximum	LC	DAD CASE(S)	Standard								
	Tension												
TOP CHORD	,												
BOT CHORD	4-5=-140/123, 5-6=- 2-10=-38/90, 9-10=-	,											
BOT CHORD	6-8=-38/90	-30/90, 8-9=-38/90,											
WEBS		-305/234, 5-8=-306/2	33									mini	1111
NOTES												IN'TH CA	Rall
1) Unbalance	ed roof live loads have	been considered for									Y	R	All's
this design		(2 accord suct)								/	53	· · · · · · · · ·	Of the
	CE 7-10; Vult=130mph 3mph; TCDL=6.0psf; B		Cat							L	A		
	Enclosed; MWFRS (er										()		
	Exterior (2) 0-3-8 to 3-3									=		SEA	L :
8-0-0, Exte	erior (2) 8-0-0 to 11-0-	0, Interior (1) 11-0-0	to							=	:	0363	•
	ne; cantilever left and i									-		0303	22
	ft and right exposed;C-									1	-	N	1 1
	WFRS for reactions s	shown; Lumber									2	N. En	Rik S
) plate grip DOL=1.60 igned for wind loads in	the plane of the true	e e								31	0363	EF. A.S
	studs exposed to wind										1	CA -	BEIN
	lard Industry Gable En											11, A. G	11-111

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

or consult qualified building designer as per ANSI/TPI 1.

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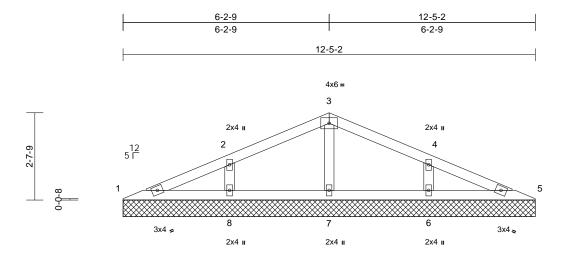
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March 18,2025

Job	Truss	Truss Type	Qty	Ply	Bridgeport, Oakley, 1 Cameron Hill Rd.	
4513001	V01	Valley	1	1	Job Reference (optional)	172074089

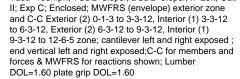
Run: 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:39 ID:oVfVkIJD6nWh85tlR3aRdSyJgxv-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



12-5-2

Scale = 1:34.7			1									I	
L oading TCLL (roof) TCDL 3CLL 3CDL	(psf) 20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC20	15/TPI2014	CSI TC BC WB Matrix-MS	0.14 0.07 0.05	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 6	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 42 lb	GRIP 244/190 FT = 20%
UMBER OP CHORD BOT CHORD DTHERS BRACING OP CHORD BOT CHORD REACTIONS	2x4 SP No.3 Structural wood she 10-0-0 oc purlins. Rigid ceiling directly bracing. (size) 1=12-5-2, 7=12-5-2, Max Horiz 1=56 (LC Max Uplift 1=-16 (LC 6=-134 (L 8=-135 (L Max Grav 1=89 (LC	applied or 6-0-0 oc 5=12-5-2, 6=12-5-2 8=12-5-2 12) C 12), 5=-26 (LC 13) C 13), 7=-17 (LC 12 C 12)	ed or {	 only. For st see Standau or consult q Gable requi Gable studs This truss h chord live lc * This truss on the botto 3-06-00 tall chord and a All bearings Provide mes bearing plat 1, 26 lb upli 	ned for wind load uds exposed to w rd Industry Gable ualified building d res continuous bo spaced at 3-0-0 as been designer ad nonconcurren has been designer by 2-00-00 wide ny other member are assumed to chanical connecti e capable of with t at joint 5, 17 lb d 134 lb uplift at j Standard	vind (norm End Deta lesigner a: tottom chor oc. d for a 10. t with any ed for a liv eas where will fit betw 's. be SP No. on (by oth standing 1 uplift at joi	al to the face ils as applica is per ANSI/T d bearing. D psf bottom other live loa e load of 20. a rectangle veen the bott 2. ers) of truss i 6 lb uplift at j	e), bble, PI 1. ads. Opsf om to					
ORCES	(lb) - Maximum Com Tension	pression/Maximum											
TOP CHORD	1-2=-118/94, 2-3=0/ 4-5=-118/94	100, 3-4=0/91,											
BOT CHORD	1-8=-60/102, 7-8=-6 5-6=-60/102	0/58, 6-7=-60/58,										mm	1111.
NEBS	3-7=-201/77, 2-8=-2	06/162, 4-6=-206/16	62									"TH CA	ROUL
this design Wind: ASC Vasd=103 II; Exp C; and C-C E to 6-3-12,	ed roof live loads have n. CE 7-10; Vult=130mph 3mph; TCDL=6.0psf; B Enclosed; MWFRS (er Exterior (2) 0-13 to 3-3 Exterior (2) 6-3-12 to 3 Exterior (2) 6-3-12 to 3	(3-second gust) CDL=6.0psf; h=25ft; hvelope) exterior zor 1-12, Interior (1) 3-3- 9-3-12, Interior (1)	Cat. ne 12									ORTH CA ORTHESS SEA 0363	L





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

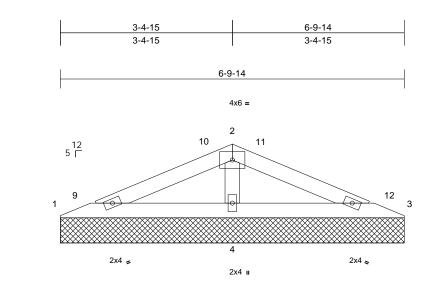
Job	Truss	s Truss Type Qty Ply Bridgeport, Oakley, 1 Cameron Hill		Bridgeport, Oakley, 1 Cameron Hill Rd.		
4513001	V02	Valley	1	1	Job Reference (optional)	172074090

1-5-9

0-0-8

Run; 8.83 S Mar 11 2025 Print: 8.830 S Mar 11 2025 MiTek Industries, Inc. Mon Mar 17 10:26:39 ID:_cpf2WS7W9v7zoDsatH0ZmyJgxk-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



6-9-14

Scale	_ ^	1.22	0
Scale	=	1:22.	9

00010 - 1.22.3							-					-	
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.15 1.15 YES IRC20 ²	5/TPI2014	CSI TC BC WB Matrix-MP	0.12 0.14 0.05	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 4	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 20 lb	GRIP 244/190 FT = 20%
	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 Structural wood she 6-9-14 oc purlins. Rigid ceiling directly bracing. (size) 1=6-9-14, Max Horiz 1=29 (LC Max Uplift 1=-27 (LC 4=-93 (LC Max Grav 1=84 (LC (LC 1)	applied or 6-0-0 oc 3=6-9-14, 4=6-9-14 12) 212), 3=-33 (LC 13), 212)	8 9 L	 chord live loa * This truss h on the bottor 3-06-00 tall h chord and ar All bearings Provide mec bearing plate 	as been designed ad nonconcurrent has been designed in chord in all area by 2-00-00 wide w hy other members are assumed to b hanical connectio capable of withsit at joint 3 and 93 Standard	with any d for a liv as where ill fit betv e SP No. n (by oth tanding 2	other live loa e load of 20. a rectangle veen the bott 2. ers) of truss	Opsf com to					
FORCES TOP CHORD BOT CHORD WEBS	(lb) - Maximum Com Tension 1-2=-101/190, 2-3=- 1-4=-157/151, 3-4=- 2-4=-261/185	101/190											

NOTES

1) Unbalanced roof live loads have been considered for this design. Wind: ASCE 7-10; Vult=130mph (3-second gust)

2) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior (2) 0-1-3 to 3-1-3, Interior (1) 3-1-3 to 3-6-2, Exterior (2) 3-6-2 to 6-6-2, Interior (1) 6-6-2 to 6-11-2 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

- 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1. 4) Gable requires continuous bottom chord bearing.
- 5)́ Gable studs spaced at 4-0-0 oc.

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

C Variation and the VIIIIIIIIIIII SEAL 036322 GI minin March 18,2025



