

	OF SHEATHING. NDATION.	PliesNet Qty222222	
THIS IS A TRUSS PLACEMENT DIAGRAM ONLY		SHOP DRAWING APPROVAL	G APPROVAL
These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer is building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is terporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support LAYOUTS. REVIEW AND APPROVAL OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT NUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing of Wood Trusses" available from the Truss Plate Institute, 583 D'Onifrio Drive, Madison, WI 53179.	at the specification of the THIS LAYOUT I: The building designer is e. The design of the truss support LAYOUTS. REV eneral guidance regarding to iNSURE AG.	ithis layout is the sole source for fabrication of trusses and voids ayouts. Review and Approval of this layout must be received befor To insure against changes that will result in extra charges to you	ihis layout is the sole source for fabrication of trusses and voids all previous architectural or other truss ayouts. Review and Approval of this layout must be received before any trusses will be built. Verify all conditions To insure against changes that will result in extra charges to you.
	REVIEWED BY:	APPROVED BY:	DATE:
Job #: Q2200850 FORGET ME NOT	Plan: FLOOR GARAGE RIGHT	RIGHT BC 1704.2 AUALITY AUDITED by: BC 1704.2 AUALITY 1.2007 BC 1704.2 AUALITY 1.2007 BC 1704.2 AUALITY 1.2007	
Customer: GARMAN HOMES	Date: 2/6/2023	CAROLINA STRUCTURE SYSTEMS, LLC Star, NC Part EQ. 547FMS, LLC 910-401-6004	Carolina Structural Systems
Site Address:	Sales Rep: RW	ROOF DATA	Roof Trusses • Floor Trusses • EWP Carolina Structural Systems
City, ST, ZIP:	Designer: JSP	Roof Area: 1721.46 SF	P.O. Box 157, Ether, NC 27247 225 Frame Shop Rd., Star, NC 27356 910-491-9004



Trenco 818 Soundside Rd Edenton, NC 27932

Re: Q2200850 Garman Homes - Forget Me Not B Floor

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Carolina Structural Systems, LLC.

Pages or sheets covered by this seal: I56500228 thru I56500240

My license renewal date for the state of North Carolina is December 31, 2023.

North Carolina COA: C-0844

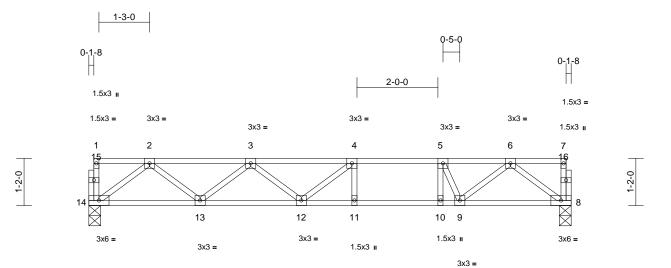


February 7,2023

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

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F201	Floor	3	1	I5 Job Reference (optional)	6500228

Run: 8,63 S Nov 19 2022 Print: 8,630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:17 ID:4ZrQT7bTKIxHtf44DGCvc4zEjE_-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



	11-11-0	1	
	11-11-0		
5			

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.56	Vert(LL)	-0.12	11-12	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.84	Vert(CT)	-0.17	11-12	>836	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.02	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 60 lb	FT = 20%F, 11%E
				•								

Scale = 1:28.5

TOP CHORD	2x4 SP No.2(flat)
BOT CHORD	2x4 SP No.1(flat)
WEBS	2x4 SP No.3(flat)
OTHERS	2x4 SP No.3(flat)
BRACING	
TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
REACTIONS	(size) 8=0-3-8, 14=0-3-8
	Max Grav 8=508 (LC 1), 14=508 (LC 1)
FORCES	(Ib) - Maximum Compression/Maximum
	(lb) - Maximum Compression/Maximum Tension
FORCES TOP CHORD	(lb) - Maximum Compression/Maximum Tension 1-14=-34/0, 7-8=-54/0, 1-2=-2/0, 2-3=-980/0,
	(lb) - Maximum Compression/Maximum Tension
	(lb) - Maximum Compression/Maximum Tension 1-14=-34/0, 7-8=-54/0, 1-2=-2/0, 2-3=-980/0, 3-4=-1386/0, 4-5=-1309/0, 5-6=-1033/0, 6-7=-3/0
TOP CHORD	(lb) - Maximum Compression/Maximum Tension 1-14=-34/0, 7-8=-54/0, 1-2=-2/0, 2-3=-980/0, 3-4=-1386/0, 4-5=-1309/0, 5-6=-1033/0, 6-7=-3/0 13-14=0/614, 12-13=0/1331, 11-12=0/1309,
TOP CHORD	(lb) - Maximum Compression/Maximum Tension 1-14=-34/0, 7-8=-54/0, 1-2=-2/0, 2-3=-980/0, 3-4=-1386/0, 4-5=-1309/0, 5-6=-1033/0, 6-7=-3/0 13-14=0/614, 12-13=0/1331, 11-12=0/1309, 10-11=0/1309, 9-10=0/1309, 8-9=0/587
TOP CHORD	(lb) - Maximum Compression/Maximum Tension 1-14=-34/0, 7-8=-54/0, 1-2=-2/0, 2-3=-980/0, 3-4=-1386/0, 4-5=-1309/0, 5-6=-1033/0, 6-7=-3/0 13-14=0/614, 12-13=0/1331, 11-12=0/1309, 10-11=0/1309, 9-10=0/1309, 8-9=0/587 6-8=-732/0, 2-14=-767/0, 6-9=0/581,
TOP CHORD	(lb) - Maximum Compression/Maximum Tension 1-14=-34/0, 7-8=-54/0, 1-2=-2/0, 2-3=-980/0, 3-4=-1386/0, 4-5=-1309/0, 5-6=-1033/0, 6-7=-3/0 13-14=0/614, 12-13=0/1331, 11-12=0/1309, 10-11=0/1309, 9-10=0/1309, 8-9=0/587 6-8=-732/0, 2-14=-767/0, 6-9=0/581, 2-13=0/477, 3-13=-457/0, 3-12=0/158,
TOP CHORD	(lb) - Maximum Compression/Maximum Tension 1-14=-34/0, 7-8=-54/0, 1-2=-2/0, 2-3=-980/0, 3-4=-1386/0, 4-5=-1309/0, 5-6=-1033/0, 6-7=-3/0 13-14=0/614, 12-13=0/1331, 11-12=0/1309, 10-11=0/1309, 9-10=0/1309, 8-9=0/587 6-8=-732/0, 2-14=-767/0, 6-9=0/581,

NOTES

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

All plates are 3x3 MT20 unless otherwise indicated. 2) 3)

- 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.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard



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February 7,2023



Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F202	Floor	9	1	Job Reference (optional)	156500229

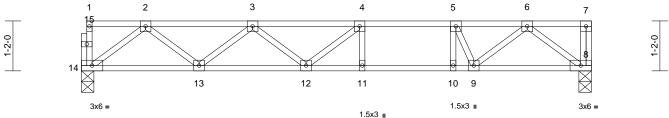
Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:19 ID:gokaYYAa02_Te1II1M39ZCzEjDE-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1

February 7,2023

818 Soundside Road Edenton, NC 27932





<u>11-11-0</u> 11-11-0

Scale = 1:26.9

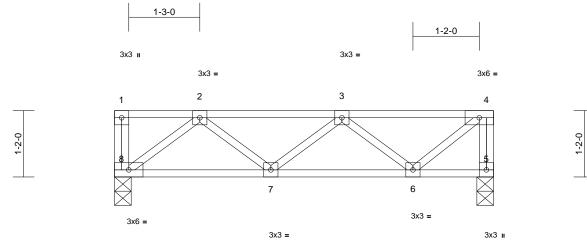
Scale = 1:26.9											
Loading TCLL TCDL BCLL BCDL	(psf) 40.0 10.0 0.0 5.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	1-7-3 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-S	0.56 0.84 0.28	DEFL Vert(LL) Vert(CT) Horz(CT)	(loc) 11-12 11-12 8	l/defl >999 >836 n/a	L/d 360 240 n/a	PLATES MT20 Weight: 61 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD BOT CHORD BOT CHORD BOT CHORD WEBS	2x4 SP No.1 (flat) 2x4 SP No.3 (flat) 2x4 SP No.3 (flat) 2x4 SP No.2 (flat) Structural wood she 6-0-0 oc purlins, ex Rigid ceiling directly bracing. (size) 8=0-3-8, Max Grav 8=513 (Li (lb) - Maximum Con Tension 1-14=-34/0, 7-8=-56 3-4=-1386/0, 4-5=-1 6-7=0/0 13-14=0/614, 12-13 10-11=0/1309, 9-10 6-8=-738/0, 2-14=-7 2-13=0/477, 3-13=-4	cept end verticals. v applied or 10-0-0 or 14=0-3-8 C 1), 14=508 (LC 1) npression/Maximum 5/0, 1-2=-2/0, 2-3=-98 309/0, 5-6=-1033/0, =0/1331, 11-12=0/13 =0/1309, 8-9=0/588 767/0, 6-9=0/580,	9 30/0, 309,								
 this design All plates This truss Internation R802.10.2 Recommendation 10-00-000 (0.131" X at their out 	are 3x3 MT20 unless of is designed in accorda- nal Residential Code s 2 and referenced stand and 2x6 strongbacks, of oc and fastened to ead 3") nails. Strongbacks ther ends or restrained I, Do not erect truss backs	otherwise indicated. ance with the 2015 ections R502.11.1 at dard ANSI/TPI 1. on edge, spaced at ch truss with 3-10d s to be attached to w by other means.	nd						and a second second	SEA 2822	EER.

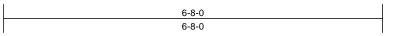


Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F203	Floor	2	1	Job Reference (optional)	156500230

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:20 ID:U_MNBt9LtJh365wkkx7UdnydAo8-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1





Scale = 1:20.3

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.29	Vert(LL)	-0.01	6-7	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.14	Vert(CT)	-0.01	6-7	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.15	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 37 lb	FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS BRACING TOP CHORD BOT CHORD	2x4 SP No.2(flat) 2x4 SP No.2(flat) 2x4 SP No.3(flat) Structural wood she 6-0-0 oc purlins, exi Rigid ceiling directly bracing.	cept end verticals.										
REACTIONS	(size) 5=0-3-8, 8											
FORCES	Max Grav 5=282 (LC (lb) - Maximum Com Tension	C 1), 8=282 (LC 1) pression/Maximum										
TOP CHORD	1-8=-35/0, 4-5=-278, 3-4=-246/0	/0, 1-2=0/0, 2-3=-404	4/0,									
BOT CHORD WEBS	7-8=0/315, 6-7=0/46 2-8=-395/0, 2-7=0/1 3-6=-286/0, 4-6=0/3	16, 3-7=-80/0,										

NOTES

1) 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.

Recommend 2x6 strongbacks, on edge, spaced at 2) 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

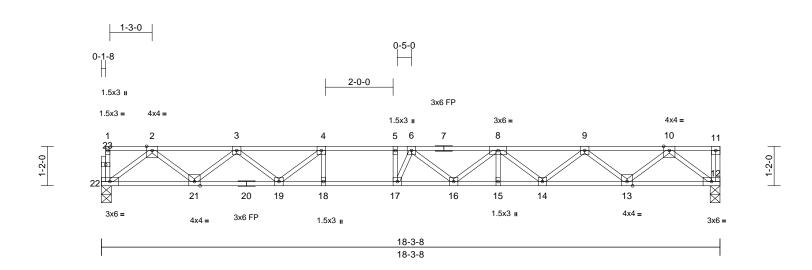


February 7,2023



Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F204	Floor	5	1	Job Reference (optional)	156500231

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Scale = 1:34.1

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.77	Vert(LL)	-0.28	16-17	>762	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.70	Vert(CT)	-0.39	16-17	>553	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.43	Horz(CT)	0.05	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI20	014 Matrix-S							Weight: 93 lb	FT = 20%F, 11%E
LUMBER			5) CAU	TION, Do not erect trus	s backward	ds.						
TOP CHORD	2x4 SP No.1(flat) *E	xcept* 7-11:2x4 SP	No.2 LOAD C	ASE(S) Standard								
	(flat)		B									
BOT CHORD	2x4 SP No.2(flat) *E DSS(flat)	:xcept* 20-12:2x4 SI	Ρ									
WEBS	2x4 SP No.3(flat)											
OTHERS	2x4 SP No.2(flat)											
BRACING												
TOP CHORD	Structural wood she		ed or									
	5-9-0 oc purlins, ex											
BOT CHORD	Rigid ceiling directly bracing.	applied or 10-0-0 o	C									
REACTIONS	0	, 22=0-3-8										
	Max Grav 12=794 (,	1)									
FORCES	(lb) - Maximum Con	<i>,</i>	,									
	Tension											
TOP CHORD	1-22=-32/0, 11-12=-											
	2-3=-1681/0, 3-4=-2											
	5-6=-3296/0, 6-8=-3 9-10=-1682/0, 10-1	, ,	,									
BOT CHORD			296									
201 0110112	17-18=0/3296, 16-1	,	,									
	14-15=0/3179, 13-1	4=0/2348, 12-13=0/	990									
WEBS	10-12=-1242/0, 2-22		/902,									
	2-21=0/894, 9-13=-	, ,									ITH UA	ROIL
	9-14=0/542, 3-19=0 8-15=-28/17, 4-19=-									5	O PESS	it MAN
	4-18=-23/231, 5-17:	, , ,								32		MAY 3 -
	6-17=-516/238, 6-10									2		Way -
NOTES									3		CEA	1 E
	ed floor live loads have	e been considered fo	or						=		SEA	
this design									=		2822	28 : =
	are 3x3 MT20 unless								-		•	1 E
	is designed in accord nal Residential Code s		and							5	·	A 1 8
	2 and referenced stand									in and the	NGIN	EEN
	end 2x6 strongbacks, o									11	TUFOIN	··· []]
40.00.00											, vhoas	IG V N

10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

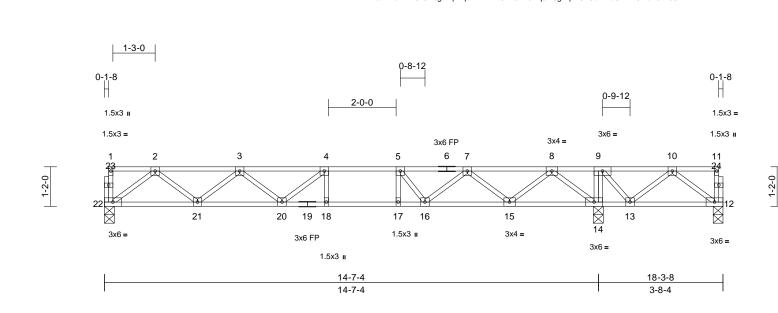


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Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F206	Floor	1	1	Job Reference (optional)	156500232

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Scale =	1:34.1
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Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	тс	0.48	Vert(LL)	-0.13	18-20	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.74	Vert(CT)	-0.17		>998	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Horz(CT)	0.02	14	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S		- (-)					Weight: 93 lb	FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD REACTIONS	No.1(flat) 2x4 SP No.3(flat) 2x4 SP No.2(flat) Structural wood she 6-0-0 oc purlins, ex Rigid ceiling directly bracing. (size) 12=0-3-8,	applied or 6-0-0 oc 14=0-3-8, 22=0-3-8	10-00-00 oc (0.131" X 3' at their oute 6) CAUTION, LOAD CASE(S)	d 2x6 strongback; c and fastened to () nails. Strongba r ends or restrain Do not erect truss Standard	each truss cks to be ed by othe	with 3-10d attached to ver means.	valls					
	Max Uplift 12=-299 (Max Grav 12=53 (L0 22=548 (l	C 4), 14=1223 (LC 1), LC 3)										
FORCES	(lb) - Maximum Corr Tension	pression/Maximum										
TOP CHORD	1-22=-34/0, 11-12=- 2-3=-1081/0, 3-4=-1 5-7=-1273/0, 7-8=-3 9-10=0/824, 10-11=	582/0, 4-5=-1589/0, 35/0, 8-9=0/1143,										
BOT CHORD	17-18=0/1589, 16-1	=0/1474, 18-20=0/158 7=0/1589, 15-16=0/89 ŧ=-1143/0, 12-13=-413	8,								mmm	1000
WEBS	3-21=-513/0, 3-20=0 4-20=-163/90, 5-17= 8-14=-1111/0, 8-15=	2=-835/0, 2-21=0/537, 0/190, 4-18=-168/1, =0/257, 9-14=-544/0, =0/775, 7-15=-737/0, 559/0, 10-13=-615/0,								A.C.	TH CA	Auto
NOTES									=	:	SEA	L : =
 Unbalance this design All plates a Provide m bearing pla joint 12. This truss Internation 	ed floor live loads have n. are 3x3 MT20 unless of lechanical connection i ate capable of withstan is designed in accorda hal Residential Code so 2 and referenced stand	otherwise indicated. (by others) of truss to nding 299 lb uplift at ance with the 2015 ections R502.11.1 and	i						HIME	in the second second	GAN	28 FERMIN

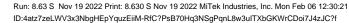
- this design.
- All plates are 3x3 MT20 unless otherwise indicated. 2)
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 299 lb uplift at joint 12.
- 4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

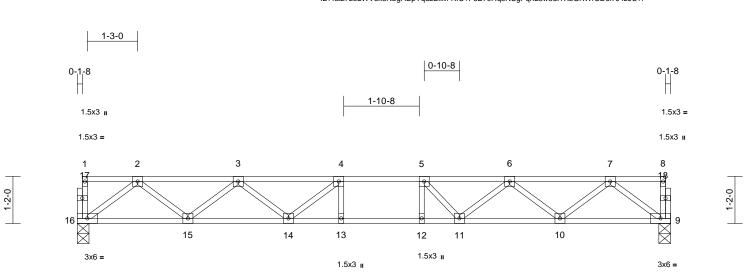
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Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F208	Floor	6	1	Job Reference (optional)	156500233





14-9-0 14-9-0

Scale = 1:28.6

Loading	(psf)	Spacing	1-7-3	CSI	o 07	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.37	Vert(LL)		13-14	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.85	Vert(CT)	-0.17	12-13	>998	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.04	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 74 lb	FT = 20%F, 11%E
LUMBER												
TOP CHORD	2x4 SP No.2(flat)											
BOT CHORD	2x4 SP No.2(flat)											
WEBS	2x4 SP No.3(flat)											
OTHERS	2x4 SP No.3(flat) *E	xcept* 9-18:2x4 SP I	No.2									
	(flat)											
BRACING												
TOP CHORD	Structural wood she		d or									
DOTOUDDD	6-0-0 oc purlins, ex											
BOT CHORD	Rigid ceiling directly bracing.	applied or 10-0-0 oc	;									
REACTIONS	0	10.000										
	(size) 9=0-3-8, Max Grav 9=633 (L0											
FORCES	(lb) - Maximum Corr											
TOROLO	Tension	pression/maximum										
TOP CHORD	1-16=-33/0, 8-9=-31	/0, 1-2=-2/0,										
	2-3=-1293/0, 3-4=-1	998/0, 4-5=-2197/0,										
	5-6=-2009/0, 6-7=-1	290/0, 7-8=-2/0										
BOT CHORD	15-16=0/783, 14-15											
	12-13=0/2197, 11-1	2=0/2197, 10-11=0/1	764,									
	9-10=0/787	00/0 7 40 0/055										
WEBS	7-9=-985/0, 2-16=-9 2-15=0/664, 6-10=-6	, ,										
	6-11=0/379, 3-14=0										minin	UIII.
	4-13=-110/103, 5-12		7/0								I'' H CA	Rall
NOTES										1.5	18	U.S.
	ed floor live loads have	been considered fo	r							1.	D'.FESS	101.18
this design										3 3		1 M. PAL
	are 3x3 MT20 unless o	otherwise indicated.									XAY VV V	
	is designed in accorda								-		SEA	1 1 2
	nal Residential Code s		nd						=	:		• •
	and referenced stand								=	:	2822	28
	nd 2x6 strongbacks, o											1 8
	oc and fastened to eac		- 11 -						1	-	N	1 1 2
	 3") nails. Strongbacks ter ends or restrained 		alis							2	+ ENGIN	EFR. N
at their out	ter enus or restrained	by other means.								11	+, GIN	

LOAD CASE(S) Standard

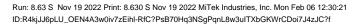
EGANG

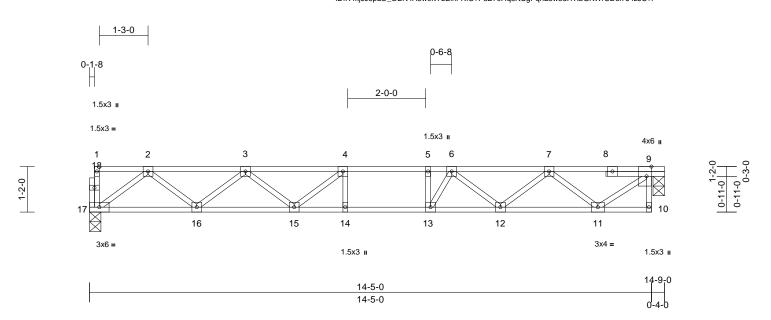
Page: 1

February 7,2023



Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F209	Floor	2	1	Job Reference (optional)	156500234





Scale = 1:29.6

Plate Offsets (X, Y): [9:0-3-0,Edge]

_			1									-	
Lo	ading	(psf)	Spacing	1-7-3	csi		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TC		40.0	Plate Grip DOL	1.00	TC	0.49	Vert(LL)	-0.13	· · ·	>999	480	MT20	244/190
тс	DL	10.0	Lumber DOL	1.00	BC	0.84	Vert(CT)	-0.18	14-15	>959	240		
BC	LL	0.0	Rep Stress Incr	YES	WB	0.41	Horz(CT)	0.01	9	n/a	n/a		
BC	DL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 74 lb	FT = 20%F, 11%E
	MBER			LOAD CASE(S)	Standard								
	P CHORD	2x4 SP No.2(flat)			Otandara								
	T CHORD	2x4 SP No.2(flat)											
	BS	2x4 SP No.3(flat)											
	HERS	2x4 SP No.3(flat)											
BR	ACING												
	P CHORD	Structural wood she	athing directly applie	ed or									
		6-0-0 oc purlins, ex	cept end verticals.										
BO	T CHORD	Rigid ceiling directly bracing.	applied or 10-0-0 oc	2									
RE	ACTIONS	(size) 9=0-3-8, 2	17=0-3-8										
		Max Grav 9=626 (LC	C 1), 17=621 (LC 1)										
FO	RCES	(lb) - Maximum Com Tension	pression/Maximum										
то	P CHORD	1-17=-34/0, 9-10=0/	5, 1-2=-2/0, 2-3=-120	63/0,									
		3-4=-1939/0, 4-5=-2											
		6-7=-1643/0, 7-9=-7											
BO	T CHORD	16-17=0/766, 15-16											
		13-14=0/2106, 12-13	3=0/1990, 11-12=0/1	296,									
\A/E	BS	10-11=0/0 9-11=0/870, 2-17=-9											
VVE	600	2-16=0/646, 7-12=0/	, ,										FRANCE
		6-12=-452/0, 3-15=0	, ,										
		4-15=-364/0, 4-14=-										IN TH CA	ROUL
NO	TES	· · · · · ,	,,.								N	A SPECO	12. 11.11
		ed floor live loads have	been considered fo	r							22	FESS	ON: AS !!
,	this design	۱.									-	M/W	Marine -
2)	All plates a	are 3x3 MT20 unless o	otherwise indicated.								1.1		
3)		is designed in accorda								=		' SEA	L : =
		al Residential Code s		nd						=	:	2822	: =
		and referenced stand								-		2022	
4)		nd 2x6 strongbacks, o										1	1.1
		oc and fastened to eac 3") nails. Strongbacks		alle						8	1	·	ai i
		ter ends or restrained		uii0								LUGIN	EFRICA
5)		een inside of top chord									11	UFO	
-,		or vertical web shall no										1,SGAN	Gin
6)		, Do not erect truss ba										in the second se	
												Februa	ry 7 2023

February 7,2023

Page: 1

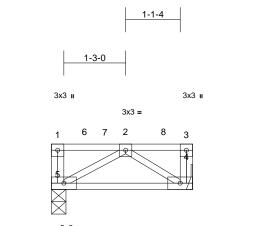


Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F210	Floor Girder	1	1	Job Reference (optional)	156500235

Run; 8.63 S Nov 19 2022 Print; 8.630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:21 ID:PnHIq?QgpgVW6U1q6Twy0vzEidT-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

0-11-0

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0-11-0





00010 - 112010												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.81	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.26	Vert(CT)	-0.01	4-5	>999	240		
BCLL	0.0	Rep Stress Incr	NO	WB	0.11	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 16 lb	FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS BRACING	2x4 SP No.1(flat) 2x4 SP No.2(flat) 2x4 SP No.2(flat)											
TOP CHORD	Structural wood she 2-10-4 oc purlins, e											
BOT CHORD	Rigid ceiling directly	applied or 10-0-0 o	с									

2-10-4 2-10-4

	bracing.	
REACTIONS	(size)	4= Mechanical, 5=0-3-8
	Max Grav	4=877 (LC 1), 5=739 (LC 1)
FORCES	(lb) - Max	imum Compression/Maximum
	Tension	
TOP CHORD	1-5=-329/	/0, 3-4=-420/0, 1-2=0/0, 2-3=0/0
BOT CHORD	4-5=0/690	0

2-5=-796/0, 2-4=-821/0

WEBS

NOTES

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

This truss is designed in accordance with the 2015 2) International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

3) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard

Dead + Floor Live (balanced): Lumber Increase=1.00, 1) Plate Increase=1.00 Uniform Loads (lb/ft)

Vert: 4-5=-10, 1-3=-100

Concentrated Loads (lb) Vert: 3=-124, 6=-559, 7=-84, 8=-563

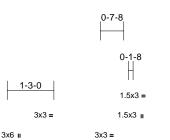


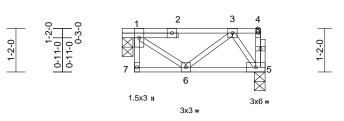
February 7,2023

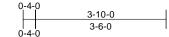


Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	F211	Floor	2	1	Job Reference (optional)	156500236

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:21 ID:PiAbYlb1qmxAy1qm7Bi?GZzEieX-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f







Scale = 1:30.9

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	тс	0.35	Vert(LL)	0.00	6	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.06	Vert(CT)	0.00	5-6	>999	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.06	Horz(CT)	0.00	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 23 lb	FT = 20%F, 11%E
LUMBER												
	2x4 SP No.2(flat)											
BOT CHORD	2x4 SP No.2(flat)											
	2x4 SP No.3(flat)											
OTHERS :	2x4 SP No.2(flat)											
BRACING												
	Structural wood she		ed or									
	3-10-0 oc purlins, e											
	Rigid ceiling directly	applied or 10-0-0 or										
	bracing.											
	size) 1=0-3-8, 5 /lax Grav 1=182 (LC											
	(lb) - Maximum Com											
	Tension											
TOP CHORD	1-7=0/3, 4-5=0/46, 1	-3=-98/0, 3-4=0/3										
	6-7=0/0, 5-6=0/151											
BOT CHORD	01-0/0, 00-0/101											

1) 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.

 Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

 Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



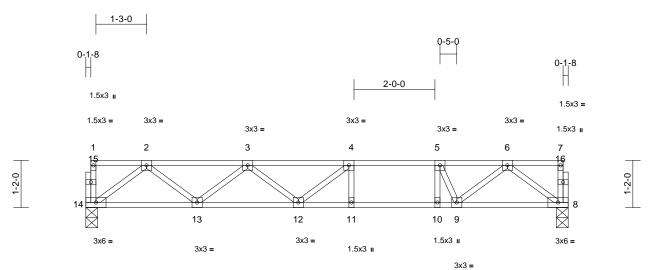
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February 7,2023



Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor		
Q2200850	F212	Floor	8	1	Job Reference (optional)	156500237	
Carolina Structural Systems (Sta	ar, NC)), Ether, NC - 27247,	Run: 8.63 S Nov 19	2022 Print: 8.	.630 S Nov 1	9 2022 MiTek Industries, Inc. Mon Feb 06 12:30:22	Page: 1	

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:22 ID:HxMFFUECuY9QLQX?NuAz2EzEif?-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



				1	
Scale = 1:28.5	I	11-11-0		I	
		11-11-0			

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	тс	0.56	Vert(LL)	-0.12	11-12	>999	360	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.84	Vert(CT)	-0.17	11-12	>836	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.02	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 60 lb	FT = 20%F, 11%E
LUMBER												
TOP CHORD	2x4 SP No.2(flat)											
BOT CHORD	2x4 SP No.1(flat)											
WEBS	2x4 SP No.3(flat)											
OTHERS	2x4 SP No.2(flat)											
BRACING												
TOP CHORD	Structural wood she	athing directly applie	d or									
	6-0-0 oc purlins, ex	cept end verticals.										
BOT CHORD	Rigid ceiling directly	/ applied or 10-0-0 oc										
	bracing.											
	(size) 8=0-3-8,											
	Max Grav 8=508 (L	C 1), 14=508 (LC 1)										
FORCES	(lb) - Maximum Con	npression/Maximum										
	Tension											
TOP CHORD	,	1/0, 1-2=-2/0, 2-3=-98	0/0,									
	,	309/0, 5-6=-1033/0,										
DOTOLODD	6-7=-3/0		~~									
BOT CHORD	13-14=0/614, 12-13 10-11=0/1309, 9-10	=0/1331, 11-12=0/13	09,									
WEBS	6-8=-732/0, 2-14=-7	,										
WEDS	2-13=0/477, 3-13=-4											
	,	1=-205/0, 5-10=0/415										
	5-9=-699/0	1-200/0, 0 10-0/110	,									
NOTES	0 0 000,0										munn	unin.
	ed floor live loads have	heen considered for									"TH CA	Rollin
this design										1	A	. City
	are 3x3 MT20 unless o	otherwise indicated.								2.	OFESS	lon: Vit
	is designed in accord								WITHIN .	22	XANA A	1400 3
	al Residential Code s		nd									VTIVE
	and referenced stand										CEA	1 1 2
4) Recomme	nd 2x6 strongbacks, c	on edge, spaced at							=		SEA	• -
10-00-00 c	oc and fastened to eac	ch truss with 3-10d							=	:	2822	28 : =
(0.131" X 3	3") nails. Strongbacks	s to be attached to wa	alls									· / 2

LOAD CASE(S) Standard

at their outer ends or restrained by other means.

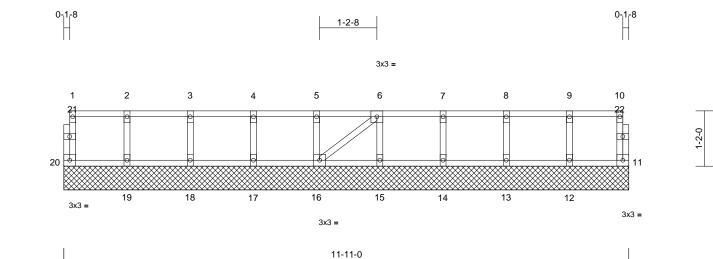
TUEGANG GANG LIU



Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	K201	Floor Supported Gable	1	1	Job Reference (optional)	156500238

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:22 ID:Jlq_DaHoCcnqNpgGFWF15pzEjEN-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

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11-11-0

Scolo 1.24.2

1-2-0

Scale = 1:24.3											_	
Loading TCLL	(psf) 40.0	Spacing Plate Grip DOL	1-7-3 1.00	CSI TC	0.07	DEFL Vert(LL)	in n/a	(loc)	l/defl n/a	L/d 999	PLATES MT20	GRIP 244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.07	Vert(TL)	n/a	-	n/a	999	WI 20	244/130
BCLL	0.0	Rep Stress Incr	NO	WB	0.03	Horiz(TL)	0.00	11	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-S							Weight: 53 lb	FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD	6-0-0 oc purlins, ex	athing directly applie cept end verticals. applied or 10-0-0 oc	10-00-00 oc (0.131" X 3' at their oute LOAD CASE(S)	d 2x6 strongback c and fastened to ') nails. Strongba r ends or restrain) Standard	each truss acks to be	with 3-10d attached to w	alls					
REACTIONS	bracing.	-0, 12=11-11-0,										
	15=11-11 17=11-11 19=11-11 Max Grav 11=35 (LC 13=118 (L 15=118 (L 17=118 (L	-0, 14=11-11-0, -0, 16=11-11-0, -0, 20=11-11-0 C 1), 12=117 (LC 1), LC 1), 14=117 (LC 1), LC 1), 16=117 (LC 1) LC 1), 16=117 (LC 1), LC 1), 20=39 (LC 1)	,									
FORCES	(lb) - Maximum Com Tension	pression/Maximum										
TOP CHORD	1-20=-35/0, 10-11=- 3-4=-2/0, 4-5=-2/0, 5 7-8=-2/0, 8-9=-2/0, 9	5-6=-2/0, 6-7=-2/0,	2/0,								IN TH CA	ROW
BOT CHORD		/2, 17-18=0/2, 16-17= /2, 13-14=0/2, 12-13=								N.V.	FESS	
WEBS	2-19=-110/0, 3-18=- 5-16=-107/0, 6-15=- 8-13=-107/0, 9-12=-	107/0, 7-14=-107/0,									SEA	
NOTES									Ξ		2822	• -
 2) Gable required 3) Truss to be braced aga 4) Gable studies 5) This truss Internation 	are 1.5x3 MT20 unless uires continuous bottoo e fully sheathed from o jainst lateral movemen ds spaced at 1-4-0 oc. is designed in accords nal Residential Code si 2 and referenced stand	m chord bearing. one face or securely t (i.e. diagonal web). ance with the 2015 ections R502.11.1 ar								in the second second	LUEGAN	EER.

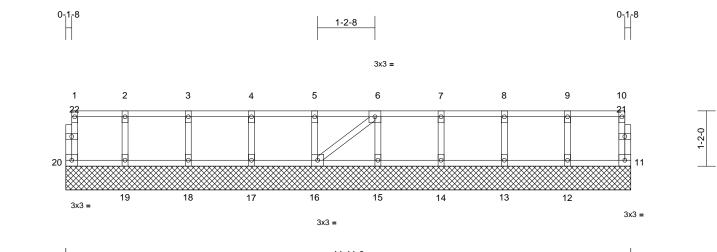
International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



February 7,2023

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	K202	Floor Supported Gable	1	1	Job Reference (optional)	156500239

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:22 ID:q9cWwebUrE1rN_rC9qJAGjzEjvt-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f



11-11-0 11-11-0

1-2-0

Scale = 1:24.3												
Loading TCLL TCDL BCLL BCDL	(psf) 40.0 10.0 0.0 5.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-S	0.08 0.01 0.03	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 11	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 53 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SP No.2(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat) *E: SP No.2(flat) Structural wood she: 6-0-0 oc purlins, exx Rigid ceiling directly bracing. (size) 11=11-11: 15=11-11: 15=11-11: 19=11-11: Max Grav 11=49 (LC 15=146 (L 17=147 (L	athing directly applie cept end verticals. applied or 10-0-0 oc -0, 12=11-11-0, -0, 14=11-11-0, -0, 18=11-11-0, -0, 20=11-11-0),),),),),), (), (), (), (ss is designed in acc lonal Residential Coo 0.2 and referenced si nend 2x6 strongbach 0 oc and fastened to X 3") nails. Strongba uter ends or restrain E(S) Standard	de sections tandard AN ks, on edge each truss acks to be	R502.11.1 a ISI/TPI 1. s, spaced at with 3-10d attached to w						
FORCES	(lb) - Maximum Com Tension	pression/Maximum										
TOP CHORD	10-11=-44/0, 1-20=-/ 3-4=-2/0, 4-5=-2/0, 5 7-8=-3/0, 8-9=-3/0, 9	5-6=-2/0, 6-7=-3/0,	-2/0,							10	"TH CA	RO
BOT CHORD		2, 17-18=0/2, 16-17	,								SALAA	10 Aux
 Gable required Truss to be braced again 	9-12=-138/0, 8-13=- 6-15=-138/0, 5-16=- 3-18=-134/0, 2-19=- are 1.5x3 MT20 unless uires continuous bottor e fully sheathed from c ainst lateral movement ds spaced at 1-4-0 oc.	133/0, 4-17=-133/0, 133/0, 6-16=0/0 s otherwise indicated m chord bearing. one face or securely							CHILLING ST	and and the second s	SEA 2822	EER.

February 7,2023

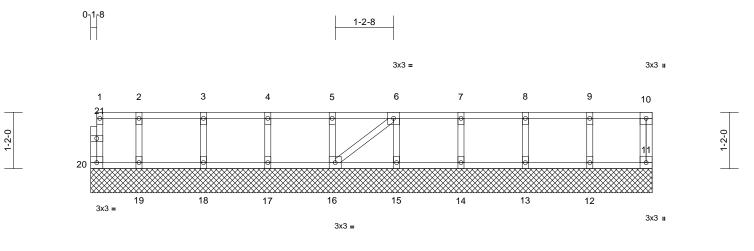
Page: 1



Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Floor	
Q2200850	K203	Floor Supported Gable	1	1	Job Reference (optional)	156500240

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Mon Feb 06 12:30:23 ID:q9cWwebUrE1rN_rC9qJAGjzEjvt-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



11-7-8 11-7-8

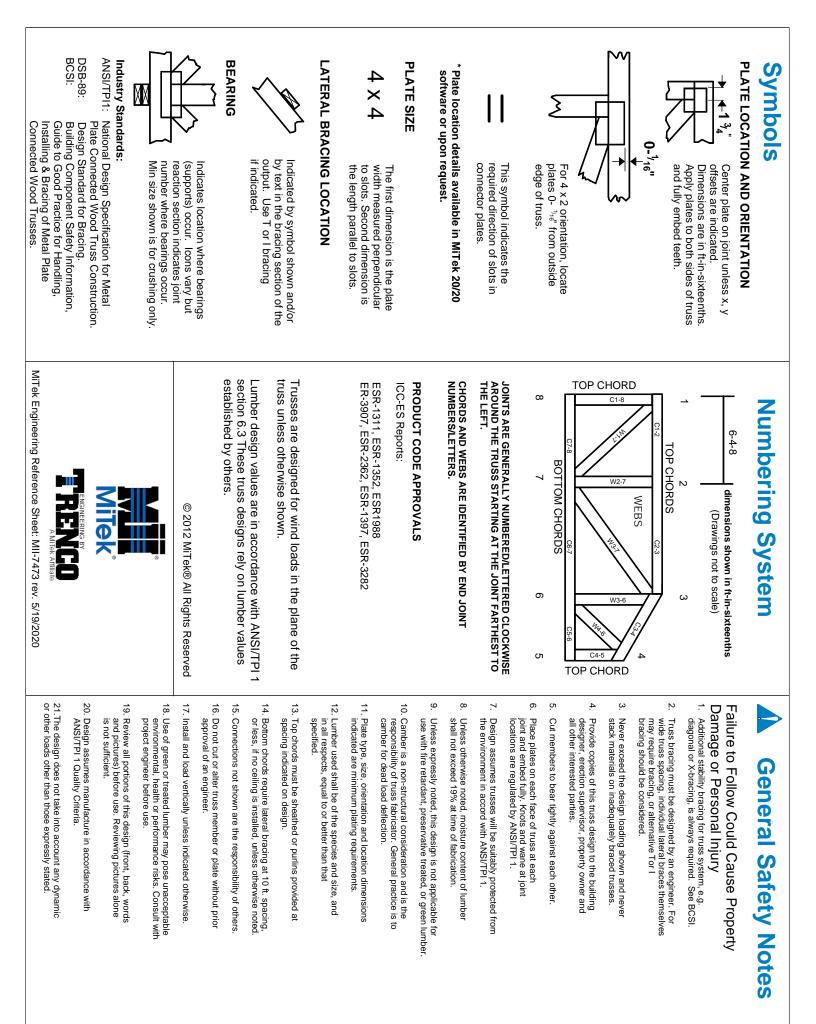
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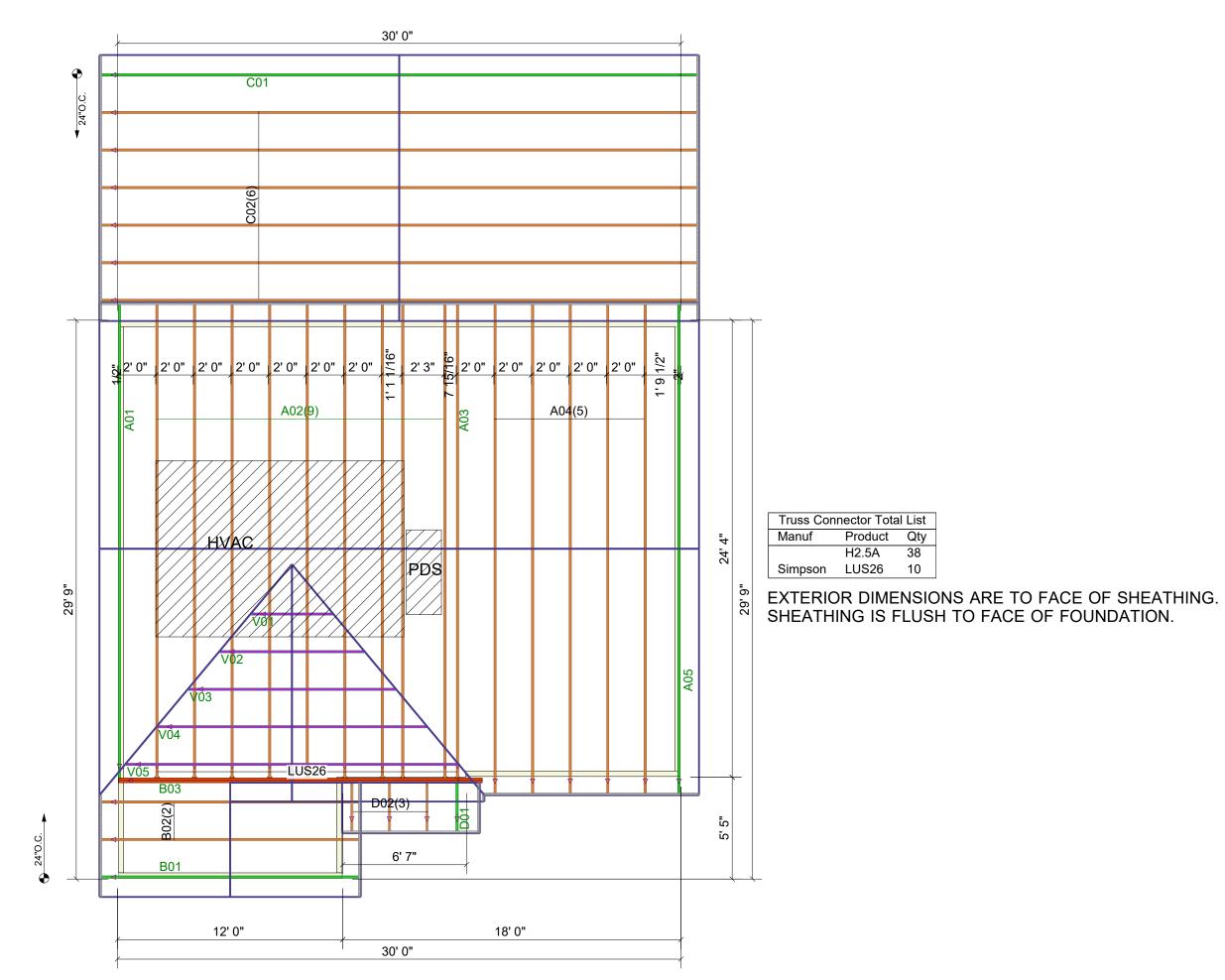
Scale = 1:23.9												
Loading TCLL TCDL	(psf) 40.0 10.0	Spacing Plate Grip DOL Lumber DOL	2-0-0 1.00 1.00	CSI TC BC	0.08 0.01	DEFL Vert(LL) Vert(TL)	in n/a n/a	(loc) - -	l/defl n/a n/a	L/d 999 999	PLATES MT20	GRIP 244/190
BCLL BCDL	0.0 5.0	Rep Stress Incr Code	YES IRC2015/TPI2	WB 014 Matrix-S	0.03	Horiz(TL)	0.00	11	n/a	n/a	Weight: 53 lb	FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	()	xcept* 20-21:2x4 SF	10-0 (0.13 at th o 7) CAU	mmend 2x6 strongba)-00 oc and fastened t 1" X 3") nails. Strong ir outer ends or restra TION, Do not erect tru ASE(S) Standard	to each truss backs to be ained by othe	with 3-10d attached to w er means.	valls					
BRACING TOP CHORD	Structural wood she 6-0-0 oc purlins, exe											
BOT CHORD	Rigid ceiling directly bracing.	applied or 10-0-0 of	C									
REACTIONS	14=11-7-8 17=11-7-8 20=11-7-8 Max Grav 11=49 (LC 13=145 (L 15=148 (L 17=146 (L		-7-8, -7-8,),),									
FORCES	(lb) - Maximum Com Tension	pression/Maximum										
TOP CHORD		5-6=-2/0, 6-7=0/0,	-2/0,								WH CA	Rout
BOT CHORD	19-20=0/2, 18-19=0/ 15-16=0/0, 14-15=0/ 11-12=0/0		,							N.V.	OFESS	10
WEBS	9-12=-139/0, 8-13=- 6-15=-134/0, 5-16=- 3-18=-137/0, 2-19=-	134/0, 4-17=-132/0,									SEA	
 2) Gable req 3) Truss to b braced ag 4) Gable stud 5) This truss Internation 	are 1.5x3 MT20 unless juires continuous botton le fully sheathed from c jainst lateral movement ds spaced at 1-4-0 oc. is designed in accorda nal Residential Code so 2 and referenced stand	m chord bearing. one face or securely t (i.e. diagonal web). ance with the 2015 ections R502.11.1 a							111VE	in the second second	2822 HUEGAN	EER.

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.



February 7,2023





SHOP DRAWING APPROVAL	THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.	APPROVED BY: DATE:	QUALITY AUDITED DY: ANSITTM 1:000 ANSITTM 1:000 ANSITTM 1:000	CAROLINA STRUCTURAL SYSTEMS, LLC Ser, NC - PartE0-437 30461-8004	ATA Carolina Structural Systems	2.28 SF P.O. Box 157, Ether, NC 27247 225 Frame Shop Rd., Star, NC 27356 040,042 0004
SHOP	THIS LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS. LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFOR TO INSURE AGAINST CHANGES THAT WILL RESULT IN EXTRA CHARGES TO YOU.	REVIEWED BY:	IBC 1704.2 IBC 2303.4		ROOF DATA	Roof Area: 1722.28 SF
ONLY	i at the specification of the T The building designer is re. The design of the truss support U eneral guidance regarding adison, WI 53179.	8	Plan: GARAGE RIGHT	Date: 1/5/2023	Sales Rep: RW	Designer: JSP
THIS IS A TRUSS PLACEMENT DIAGRAM ONLY	These trusses are designed as individual building components to be incorporated into the building design at the specification of the building designer is building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is reponsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support LAYOUT IS THE SOLE SOURCE FOR FABRICATION OF TRUSSES AND VOIDS ALL PREVIOUS ARCHITECTURAL OR OTHER TRUSS reponsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support LAYOUTS. REVIEW AND APPROVAL OF THIS LAYOUT MUST BE RECEIVED BEFORE ANY TRUSSES WILL BE BUILT. VERIFY ALL CONDITIONS structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing, or Wood Trusses" available from the Truss Page Institute, 583 D'Onifrio Drive; Madison, WI 53179.		Job #: Q2200851 FORGET ME NOT B ROOF	Customer: GARMAN HOMES	Site Address:	City, ST, ZIP:



Trenco 818 Soundside Rd Edenton, NC 27932

Re: Q2200851 Garman Homes - Forget Me Not B Roof

The truss drawing(s) referenced below have been prepared by Truss Engineering Co. under my direct supervision based on the parameters provided by Carolina Structural Systems, LLC.

Pages or sheets covered by this seal: I56000341 thru I56000357

My license renewal date for the state of North Carolina is December 31, 2023.

North Carolina COA: C-0844



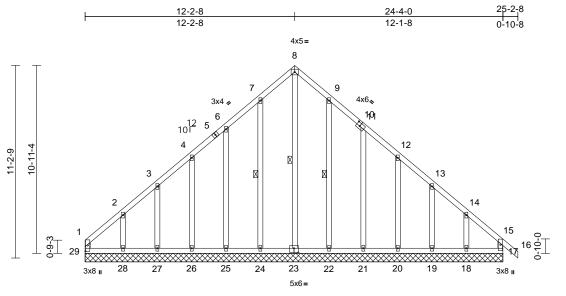
January 6,2023

Gilbert, Eric

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

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	A01	Common Supported Gable	1	1	Job Reference (optional)	156000341

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:53 ID:wWIRnnEMic_X1iQR_n6cCIzEjkj-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f





Scale = 1:67.1

Plate Offsets (X, Y): [10:0-2-8,0-2-4], [23:0-3-0,0-3-0], [29:0-4-2,0-1-8]

H

	· · · ·	1			-								
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00		тс	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.15	Horz(CT)	0.00	17	n/a	n/a		
BCDL	10.0	Code	IRC201	5/TPI2014	Matrix-AS							Weight: 182 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS TOP CHORD BOT CHORD WEBS REACTIONS	2x4 SP No.2 2x4 SP No.3 2x4 SP No.3 Structural wood she except end verticals Rigid ceiling directly 1 Row at midpt (size) 17=24-4-(23=24-4-(23=24-4-(23=24-4-(24=24)-(24=24)-(19=-26 (L 21=-41 (L 24=-20 (L 24=-73 (L 28=-73 (L 19=-163 (L 23=238 (L 23=238 (L 23=238 (L 23=238 (L))-(25=164 (L))-(25-164	applied. 8-23, $7-24$, $9-22), 18=24-4-0, 19=24-4), 21=24-4-0, 22=24-4), 24=24-4-0, 25=24-4), 27=24-4-0, 28=24-4)LC 10)(21)$, $20=-36$ (LC 12) C 12), $20=-36$ (LC 12) C 12), $22=-19$ (LC 12) C 12), $22=-19$ (LC 12) C 12), $22=-19$ (LC 12) C 12), $22=-75$ (LC 10) C 12), $29=-75$ (LC 10) LC 10), $20=166$ (LC 18) .C 18), $22=168$ (LC 14) .C 17), $26=168$ (LC 17) .C 17), $26=168$ (LC 17) .C 17), $26=128$ (LC 17) .C 17), $28=221$ (LC 17) .C 18)	, W -0, N(-0, 1) -0, 2) ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,, ,,	TEBS TEBS Unbalanced this design. Wind: ASCE Vasd=95mpl B=45ft; L=24 MWFRS (dirr 3-1-12, Extel to 15-2-8, Ex left and right exposed;C-C reactions shk DOL=1.60 Truss design only. For stu see Standard or consult qu All plates are Gable requirt Truss to be f	28-29=-96/129, 27 26-27=-96/129, 25 24-25=-96/129, 22 21-22=-97/130, 20 19-20=-97/130, 18 17-18=-97/130 8-23=-262/177, 7-2 4-26=-128/81, 3-27 9-22=-127/62, 11-2 12-20=-128/81, 13 14-18=-155/107 roof live loads hav 7-10; Vult=120mp h; TCDL=6.0ps; B lift; eave=2ft; Cat. I ectional) and C-C rior (2) 3-1-12 to 12 terior (2) 3-2-8 to exposed ; end ver C for members and own; Lumber DOL= ned for wind loads uds exposed to wind d Industry Gable E talified building des a 2x4 MT20 unless es continuous bott fully sheathed from	26=-96, -24=-97, -19=-97, -19=-97, -19=-97, -19=-12, -19=	 (129, (130, (130, (130, (130, (130, (130, (130, (130, (130, 2-28=-137, (130, 2-28=-157, (140, 2-28=-157, (140, 2-28=-157, (140, 2-28=-157, (140, 2-28=-157, (140, 2-28=-157, (140, 2-28=-15, (140, 2-	/108, r 2-8 ver , , ble, ⊃I 1.	bea 29, upli 27, upli 11) Thi Inte R80 12) Thi stru cho the LOAD (aring plat 7 lb upli ff at join 73 lb up ff at join and 71 lb s truss is ernationa 02.10.2 a s truss d uctural w ord and 1 bottom o CASE(S)	te capa ft at joi t 25, 30 lilift at jc t 21, 30 o uplift s desig and ref esign 1 esign 1 ood sh /2" gyt chord.) Star	able of withstandi nt 17, 20 lb uplift 6 lb uplift at joint 1 int 28, 19 lb upli 6 lb uplift at joint 1 at joint 18. ned in accordance dential Code sect erenced standard requires that a mi reathing be applie bosum sheetrock b ndard	26, 26 lb uplift at joint ft at joint 22, 41 lb 20, 26 lb uplift at joint ewith the 2015 tions R502.11.1 and d ANSI/TPI 1. inimum of 7/16" ed directly to the top be applied directly to
TOP CHORD	1-29=-127/69, 1-2=- 3-4=-121/93, 4-6=-1 7-8=-232/255, 8-9=- 11-12=-125/126, 12-	162/149, 2-3=-133/10 26/127, 6-7=-186/198 231/253, 9-11=-185/1 :13=-88/59, =-125/99, 15-16=0/39	, 7) 97, ⁸⁾	braced again Gable studs This truss ha chord live loa * This truss h on the bottor 3-06-00 tall b	nst lateral moveme spaced at 2-0-0 oc as been designed f ad nonconcurrent v nas been designed m chord in all areas by 2-00-00 wide wi ny other members.	nt (i.e. c c. or a 10. vith any for a liv s where Il fit betv	liagonal web) 0 psf bottom other live loa e load of 20.0 a rectangle	ds. Dpsf		1111		SEA 0363	EER. KINN

January 6,2023

Page: 1



A 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	Garman Homes - Forget Me Not B Roof	
Q2200851	A02	Common	9	1	Job Reference (optional)	156000342

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:55 ID:9_GP528Ka8_g4TpuW6zktczEjkr-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1

8-3-12 <u>12-2-8</u> 16-1-4 17-0-8 25-2-8 7-4-8 24-4-0 0-11-4 3-10-12 3-10-12 0-11-4 7-4-8 7-3-8 0-10-8 3x4= 6 2-11-3 2-11-3 3x4 🍫 5x8、 12 10 30 31 34 ⁵ 7 2-11-3 8 10-11-4 11-2-9 6-2-0 6-2-0 3x4 🍫 6-2-0 3x4、 29 32 9 10 -10-0 0-9-3 11 6 4 33 20 18 16 15 12 34 3x6 II MT18HS 3x10 = 3x4= 3x8 ı 13-9-13 17-0-8 7-6-410 7 2 12-2-0 16 10 12 24 4 0 7 4 0

	L	7-4-8	⁷ -μ-+10-7-3	12-2-0	16-10-12 _{II}	24-4-0	1
	Г	7-4-8	0-1-12	1-6-13	3-0-15	7-3-8	1
Scale = 1:73			3-0-15	1-7-13	0-1-12	2	
Plate Offsets (X, Y):	[1:0-3-10,0-0-1], [6:0-2-0,Edg	ge], [7:0-4-0,0-3-4], [10:	0-3-0,0-3-7]				

	(,, ,). [], [0:0 = 0,=0g0], [: .		.],[::::::::::::::::::::::::::::::::::::		-							
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00		TC	0.89	Vert(LL)	-0.56	20-23	>520	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.62	Vert(CT)	-0.64		>453	180	MT18HS	244/190
BCLL	0.0*	Rep Stress Incr	NO		WB	0.32	Horz(CT)	0.08	10	n/a	n/a		
BCDL	10.0	Code	IRC201	5/TPI2014	Matrix-AS	5						Weight: 137 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS SLIDER BRACING TOP CHORD BOT CHORD WEBS REACTIONS	2x4 SP DSS *Excep 2x4 SP No.3 Left 2x4 SP No.2 No.2 1-6-0 Structural wood she Rigid ceiling directly 6-0-0 oc bracing: 13 1 Row at midpt	ot* 19-13:2x4 SP No. 1-11-5, Right 2x4 SF eathing directly applied. Except:	2 6)	 This truss has chord live loa * This truss h on the bottor 3-06-00 tall b chord and ar Refer to girdd This truss is International R802.10.2 ar This truss de 	2x4 MT20 unless is been designed ad nonconcurrent has been designe n chord in all arec by 2-00-00 wide w y other members er(s) for truss to t designed in acco Residential Code nd referenced sta sign requires tha od sheathing be	for a 10.0 with any d for a liv as where vill fit betw s, with BC russ conr rdance w e sections indard AN t a minim	D psf bottom other live loa e load of 20.0 a rectangle veen the botto DL = 10.0psf hections. ith the 2015 R F502.11.1 a ISI/TPI 1. um of 7/16"	Opsf om nd					
	Max Horiz 1=-192 (L Max Grav 1=1069 (I		1)		2" gypsum sheet								
FORCES	(lb) - Maximum Com Tension	npression/Maximum	L	OAD CASE(S)									
TOP CHORD	1-3=-1322/34, 3-5=- 6-8=-864/97, 8-10=-	,	,										
BOT CHORD		0=0/969, 15-18=0/96 =-59/955, 17-19=-23	9,										
WEBS	12-13=0/429, 8-13= 19-20=0/426, 3-19= 14-15=-114/16	, , ,	9,									TH CA	ROY
NOTES											5	A	in his
1) Unbalance this design	ed roof live loads have n.	been considered fo	r							6	53	OFEND	The sta
Vasd=95n B=45ft; L= MWFRS (3-0-0, Inter 15-2-8, Im and right e exposed;(reactions DOL=1.60		:DL=6.0psf; h=25ft; Exp B; Enclosed; xterior (2) 0-0-0 to 3, Exterior (2) 12-2-8 2-8 zone; cantilever left and right orces & MWFRS for 1.60 plate grip	left									SEA 0363 NGIN	22 EP
3) All plates	are MT20 plates unles	s otherwise indicate	d.									Janua	rv 6 2023

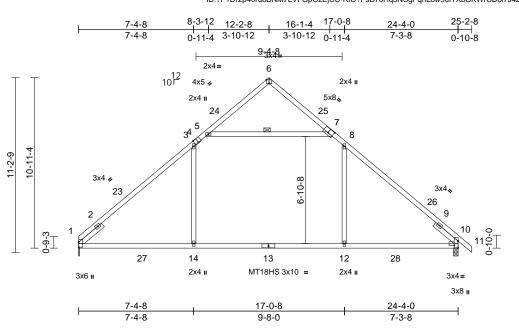
818 Soundside Road Edenton, NC 27932

January 6,2023

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	A03	Common	1	1	Job Reference (optional)	156000343

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:56 ID:?P1Dr2p40ru6BNM7LVFGpOzEjUU-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:73.9 Plate Offsets (X, Y): [1:0-3-14,0-0-1], [4:0-2-8,Edge], [6:0-2-0,Edge], [7:0-4-0,0-3-4], [10:0-3-0,0-3-7]

·													
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 1.00 1.15 YES IRC2015	5/TPI2014	CSI TC BC WB Matrix-AS	0.92 0.97 0.35	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.65 -0.74 0.09	(loc) 14-17 14-17 1	l/defl >446 >394 n/a	L/d 240 180 n/a	PLATES MT20 MT18HS Weight: 123 lb	GRIP 244/190 244/190 FT = 20%
	2x4 SP No.1 2x4 SP No.3 Left 2x4 SP No.2 No.2 1-11-9 Structural wood she Rigid ceiling directly 1 Row at midpt	athing directly applied applied. 5-7 req. 0-1-8), 10=0-3-8 C 10) 12), 10=-29 (LC 12) .C 17), 10=1161 (LC	8) 9)	on the botto 3-06-00 tall chord and a WARNING: than input bu Provide mee bearing plate and 29 lb up This truss is International R802.10.2 a This truss du structural wo	chanical connection e capable of withsta lift at joint 10. designed in accord Residential Code nd referenced stan esign requires that bod sheathing be a /2" gypsum sheetro	s where Il fit betw with BC size at jc (by oth anding 7 dance w sections dard AN a minim pplied d	a rectangle veen the bott DL = 10.0ps int(s) 1 great ers) of truss t ' Ib uplift at jo ith the 2015 c R502.11.1 a ISI/TPI 1. um of 7/16" irectly to the	om f. ter to vint 1 and top					
	Tension	pression/Maximum	LC	the bottom c AD CASE(S)									
TOP CHORD	1-3=-1410/86, 3-5=- 6-8=-911/148, 8-10=		3,	(-)									
BOT CHORD	1-14=-111/1019, 12- 10-12=-96/1019												
WEBS	8-12=0/518, 3-14=0/	/503, 5-7=-952/171											
NOTES												munn	1111
this design 2) Wind: ASC Vasd=95m	ed roof live loads have n. CE 7-10; Vult=120mph nph; TCDL=6.0psf; BC -24ft; eave=4ft; Cat. II;	(3-second gust) DL=6.0psf; h=25ft;								6	A.	OP FESS	ROJUL

- Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior (2) 0-0 to 3-0-0, Interior (1) 3-0-0 to 12-2-8, Exterior (2) 12-2-8 to 15-2-8, Interior (1) 15-2-8 to 25-2-8 zone; cantilever left and right exposed; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.

SEAL 036322 January 6,2023

> TREENGINEERING BY AMITER ATFILIATE B18 Soundside Road Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	A04	Common	5	1	Job Reference (optional)	156000344

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:56 ID:?P1Dr2p40ru6BNM7LVFGpOzEjUU-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1

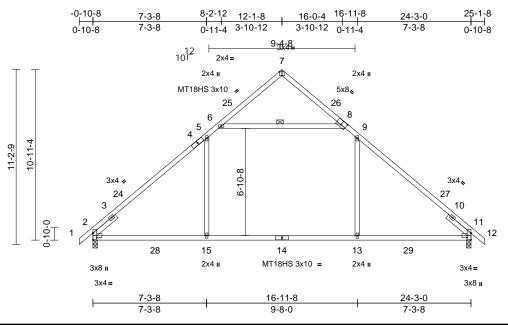


Plate Offsets (X, Y): [2:0-3-0,0-3-7], [7:0-2-0,Edge], [8:0-4-0,0-3-4], [11:0-3-0,0-3-7]

Scale = 1:73.9

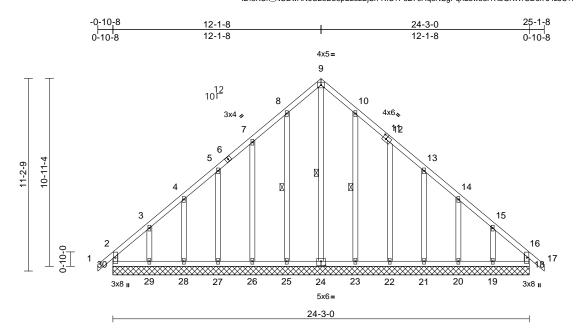
	(, :): [<u>=</u> :e e e;e e :];	[1:0 2 0,2490], [0:0	,	, [.1								
Loading TCLL (roof) TCDL BCLL BCDL	(psf) 20.0 10.0 0.0* 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC2015	5/TPI2014	CSI TC BC WB Matrix-AS	0.88 0.95 0.35	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.62 -0.68 0.09	(loc) 15-18 15-18 2	l/defl >469 >428 n/a	L/d 240 180 n/a	PLATES MT18HS MT20 Weight: 124 lb	GRIP 244/190 244/190 FT = 20%
FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced this design. 2) Wind: ASC Vasd=95m B=45ft; L=2 MWFRS (d 2-1-8, Inter 15-1-8, Inte and right ex exposed;C- reactions si DOL=1.60 3) All plates a 4) This truss f	(size) 2=0-3-8, 1 Max Horiz 2=195 (LC Max Uplift 2=-29 (LC Max Grav 2=1156 (L (Ib) - Maximum Com Tension 1-2=0/34, 2-5=-1401 6-7=-185/48, 7-9=-9 11-12=0/34 2-15=-100/1010, 13- 11-13=-95/1010 9-13=0/515, 5-15=0/ d roof live loads have	athing directly applie applied. 6-8 11=0-3-8 2 11) 12), 11=-29 (LC 12) C 17), 11=1156 (LC pression/Maximum /148, 5-6=-908/147, 02/148, 9-11=-1406/ 15=0/1010, /501, 6-8=-938/167 been considered for (3-second gust) DL=6.0psf; h=25ft; Exp B; Enclosed; xterior (2) -0-10-8 to , Exterior (2) -0-10-8 to , Exte	nd. 7) 8) ¹¹⁸⁾ LC 200, to eft	on the bottor 3-06-00 tall b chord and an Provide mec bearing plate 2 and 29 lb u This truss is International R802.10.2 au This truss de structural wo		s where Il fit betw with BC (by oth anding 2 dance w sections dard AN a minim pplied d	a rectangle veen the bott DL = 10.0ps ers) of truss i 9 lb uplift at j ith the 2015 5 R502.11.1 a NSI/TPI 1. um of 7/16"	om f. to joint and top				SEA ORTHERSS SEA O363	22

January 6,2023



Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	A05	Common Supported Gable	1	1	Job Reference (optional)	156000345

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:57 ID:8XUh_NCDwANoU2eDb8pEzezEjSh-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



Scale	= 1	·67	1

Plate Offsets (X, Y): [11:0-2-8,0-2-4], [24:0-3-0,0-3-0]

Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00		TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.15	Horz(CT)	0.00	18	n/a	n/a		
BCDL	10.0	Code	IRC201	5/TPI2014	Matrix-AS							Weight: 184 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD WEBS REACTIONS	except end verticals Rigid ceiling directly 1 Row at midpt (size) 18=24-3-(24=24-3-(24=24-3-(27=24-3-(27=24-3-(27=24-3-(27=24-3-(27=24-3-(20=27 (L 20=-27 (L 22=-41 (L 27=-36 (L 29=-71 (L Max Grav 18=181 (l 20=162 (L 24=239 (l 24=239 (l 26=164 (L)	applied. 9-24, $8-25$, $10-239-24$, $8-25$, $10-232-224-3-0$, $20=24-32-224-3-0$, $26=24-32-224-3-0$, $26=24-32-224-3-0$, $29=24-32-224-3-0$, $29=24-32-224-3-0$, $29=24-32-224-3-0$, $29=24-32-224-3-0$, $29=24-32-224-3-0$, $212-23-36$ (LC 12 C 12), $21=-36$ (LC 12 C 12), $21=-36$ (LC 12 C 12), $22=-27$ (LC 12 C 12), $22=-27$ (LC 12 2-23-28-27 (LC 17 2-23-28-27 (LC 17 2-23	I, W 3-0, N 3-0, 1) 3-0, 2)),),),), 8), 3) 7), 7),	VEBS OTES • Unbalanced this design. • Wind: ASCE Vasd=95mp B=45ft; L=2• MWFRS (dii 2-1-8, Exteri 15-1-8, Exteri and right ext exposed; C-C- reactions sh DOL=1.60 • Truss desig only. For str see Standar or consult qu All plates ar	29-30=-97/130, 28 27-28=-97/130, 26 25-26=-97/130, 23 22-23=-97/130, 21 20-21=-97/130, 19 18-19=-97/130 9-24=-262/176, 8- 5-27=-127/81, 4-21 10-23=-128/62, 12 13-21=-128/81, 14 15-19=-155/107 roof live loads have 5, 7-10; Vult=120mg h; TCDL=6.0psf; B 4ft; eave=2ft; Cat. I rectional) and C-C ior (2) 2-1-8 to 12- rior (2) 15-1-8 to 2 posed; end vertica C for members and own; Lumber DOL ned for wind loads uds exposed to wird d Industry Gable E Jalified building de e 2x4 MT20 unless	-27=-97, -25=-97, -22=-97, -20=-97, -20=-97, -22=-130, -22=-130, -22=-13, -20=-12, e been of th (3-sec CDL=6, CDL=6, 1; Exp B Corner (-8, Corn 5-1-8 zo I left and forces a =1.60 pl in the p id (norm nd Deta signer a: otherwi	(130, (130, (130, (130, (130, (62, 7-26=-13) (8, 3-29=-153, (1489	(108, r to left ss), ole,	bea 30, upli 28, upli 20 a 11) This Inte R80 12) This stru cho the	rring pla 11 lb up ft at join 71 lb up ft at join and 71 l s truss is rnationa 02.10.2 s truss c ictural w	te capa blift at jo t 26, 36 blift at jo t 22, 36 b uplift s desig al Resig al Resig and ref lesign r vood sh 1/2" gyp chord.	able of withstandin int 18, 19 lb uplif 6 lb uplift at joint 2 int 29, 19 lb uplif 6 lb uplift at joint 2 at joint 19. ned in accordance dential Code sect requires that a mi leathing be applie bosum sheetrock b indard	ions R502.11.1 and JANSI/TPI 1. nimum of 7/16" ad directly to the top a applied directly to
FORCES	(lb) - Maximum Com Tension 2-30=-174/45, 1-2=0		6)	Truss to be braced again	fully sheathed from	one fac nt (i.e. d	e or securely					SEA 0363	• • •
	3-4=-124/111, 4-5=-	//39, 2-3=-161/149, 113/94, 5-7=-125/127 231/254, 9-10=-231/2		This truss ha	spaced at 2-0-0 of as been designed f	or a 10.0				-			
	10-12=-185/198, 12- 13-14=-82/59, 14-15	-13=-124/127, 5=-92/70,	9)	* This truss	ad nonconcurrent has been designed m chord in all area	l for a liv	e load of 20.0				int.		EEREALIN
	15-16=-118/103, 16-	-17=0/39, 16-18=-149	/22	3-06-00 tall	by 2-00-00 wide winn an area			m				CA. G	ILDini

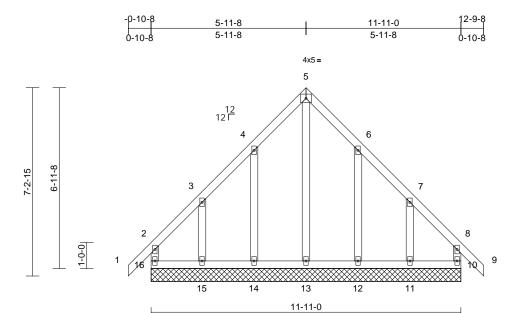
January 6,2023

t 818 Soundside Road Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	B01	Common Supported Gable	1	1	Job Reference (optional)	156000346

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:57 ID:9u9iqoJgbFPJw1cqXqlo7GzEjlv-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:44.3

Loading TCLL (roof) TCDL BCLL BCDL	(ps 20. 10. 0. 10.	0 Plate Grip DOL 0 Lumber DOL 0* Rep Stress Incr	2-0-0 1.00 1.15 YES IRC2015/TPI2014	CSI TC 0.1 BC 0.0 WB 0.1 Matrix-MR 0.1	5 Vert(CT)	in n/a n/a 0.00	(loc) - - 10	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 79 lb	GRIP 244/190 FT = 20%	
LUMBER TOP CHORD BOT CHORD WEBS OTHERS BRACING TOP CHORD BOT CHORD REACTIONS	2x4 SP No.2 2x4 SP No.3 2x4 SP No.3 Structural wood 6-0-0 oc purlins Rigid ceiling dire bracing. (size) 10=1 12=1 14=1 Max Horiz 16=1 Max Uplift 10=3 12=-4 15=-6 Max Grav 10=11 14=1 16=1 (lb) - Maximum	sheathing directly applie except end verticals. ectly applied or 10-0-0 or 1-11-0, 11=11-11-0, 1-11-0, 13=11-11-0, 1-11-0, 15=11-11-0, 1-11-0 33 (LC 11) 6 (LC 9), 11=-67 (LC 12) 3 (LC 12), 14=-43 (LC 12) 7 (LC 12), 16=-45 (LC 8) 51 (LC 17), 11=188 (LC 78 (LC 18), 13=208 (LC 77 (LC 17), 15=193 (LC 72 (LC 18) Compression/Maximum	Vasd=95n B=45ft; L= MWFRS (4-11-8, Ex 8-11-8, Ex 8-11-8, Ex 8-11-8, Ex 9-11-8, Ex 8-11-8, Ex 9-11-8, Ex 9-11-12,	CE 7-10; Vult=120mph (3-s ph; TCDL=6.0psf; BCDL= 24ft; eave=2ft; Cat. II; Exp directional) and C-C Corne tterior (2) 1-11-8 to 5-11-8, terior (2) 8-11-8 to 12-9-8 : exposed ; end vertical left a 2-C for members and force shown; Lumber DOL=1.60 signed for wind loads in the studs exposed to wind (not ard Industry Gable End De qualified building designer are 2x4 MT20 unless other uires continuous bottom ch e fully sheathed from one fi ainst lateral movement (i.e ds spaced at 2-0-0 oc. has been designed for a 1 load noncourrent with ar s has been designed for a 1 load noncourrent with ar s tom chord in all areas whe II by 2-00-00 wide will fit be	6.0psf; h=25ft; B; Enclosed; (3) -0-10-8 to Corner (3) 5-11 cone; cantilever nd right & MWFRS for plate grip plane of the tru mal to the face) tails as applicat as per ANSI/TF wise indicated. ord bearing. ace or securely diagonal web).	liss), ole, PI 1. ds. opsf						
TOP CHORD BOT CHORD WEBS	Tension 2-16=-141/62, 1 3-4=-97/112, 4- 6-7=-97/114, 7-1 8-10=-132/61 15-16=-72/77, 1 12-13=-72/77, 1 12-13=-72/77, 1 5-13=-230/130, 3-15=-157/122,	-2=0/43, 2-3=-104/95, 5=-171/202, 5-6=-172/2(3=-92/79, 8-9=0/43, 4-15=-72/77, 13-14=-72 1-12=-72/77, 10-11=-72 4-14=-146/103,	2, borden and bearing pl 16, 36 lb u 177, joint 11. 177 11) This truss Internation R802.10.2	any other members. echanical connection (by c ate capable of withstanding uplift at joint 10, 43 lb uplift nt 15, 43 lb uplift at joint 12 is designed in accordance hal Residential Code section	thers) of truss to 45 lb uplift at jo at joint 14, 67 lb and 67 lb uplift with the 2015 ns R502.11.1 at	o oint o t at		4		SEA 0363	the fit	,
NOTES 1) Unbalance this design		ave been considered fo	LOAD CASE(S) Standard							L 22 EERT	

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

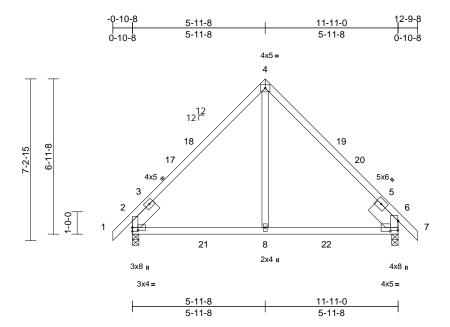


G A. GIL January 6,2023

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	B02	Common	2	1	Job Reference (optional)	156000347

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries. Inc. Thu Jan 05 12:42:57 ID:Z0uhbRmutd43sjxxC5wT73zEjlK-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale = 1:51.7

Plate Offsets (X, Y): [2:0-3-0,0-1-8], [6:0-5-1,0-0-3], [6:0-4-3,0-5-9]

	(A, T). [2.0-3-0,0-1-0],	[0.0-3-1,0 - 0-3], [0.0		1									
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00		TC	0.40	Vert(LL)	-0.04	8-15	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.38	Vert(CT)	-0.07	8-15	>999	180		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.12	Horz(CT)	0.03	2	n/a	n/a		
BCDL	10.0	Code	IRC201	5/TPI2014	Matrix-MS							Weight: 65 lb	FT = 20%
LUMBER TOP CHORD			4)	on the bottor	nas been designed f n chord in all areas	where	a rectangle						
BOT CHORD					by 2-00-00 wide will by other members, w								
WEBS SLIDER	2x4 SP No.3 Left 2x6 SP No.2 7	1 6 0 Diabt 2v9 SD	No 2 5)		hanical connection								
SLIDER	1-6-0	1-0-0, Right 2x0 SF	110.2 0/		capable of withstar								
BRACING					plift at joint 6.								
TOP CHORD		athing directly appli	ed or 6)		designed in accorda Residential Code s			and					
BOT CHORD	6-0-0 oc purlins. D Rigid ceiling directly	applied or 10.0.0	•		nd referenced stand								
BOTCHORE	bracing.	applied of 10-0-0 0	ິ L(DAD CASE(S)	Standard								
REACTIONS	0	6=0-3-8											
	Max Horiz 2=131 (LC	C 11)											
	Max Uplift 2=-25 (LC												
	Max Grav 2=549 (L0	, · · · · ·	,										
FORCES	(lb) - Maximum Com	pression/Maximum											
	Tension	457 4 0 540/400											
TOP CHORE) 1-2=0/37, 2-4=-516/ 6-7=0/37	157, 4-6=-516/100,											
BOT CHORD		6/329											
WEBS	4-8=0/311												
NOTES													1111
1) Unbaland	ced roof live loads have	been considered for	r									TH CA	ROUL
this desig											1	atrice	
	SCE 7-10; Vult=120mph									/	5.	Onites	the Na-
	imph; TCDL=6.0psf; BC .=24ft; eave=4ft; Cat. II;									4		10 10	What I
	(directional) and C-C E		, ,							3		:4	1 K. /-
	terior (1) 2-1-8 to 5-11-8									-		SEA	1 1 2
	nterior (1) 8-11-8 to 12-9									=	:		
	exposed ; end vertical l									=		0363	22 : =
	;C-C for members and f		r										1 E
reactions	s shown; Lumber DOL=	1.60 plate grip									-	·	1 1 S

DOL=1.60 This truss has been designed for a 10.0 psf bottom 3) chord live load nonconcurrent with any other live loads.

11111111 January 6,2023

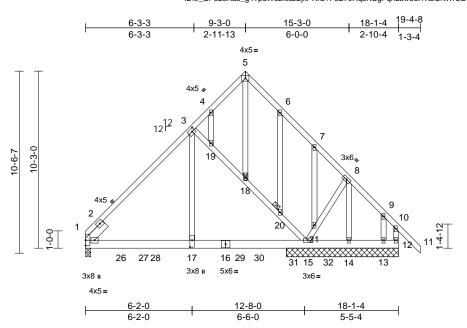
818 Soundside Road Edenton, NC 27932

G

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	B03	Common Girder	1	2	Job Reference (optional)	156000348

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:58 ID:9_GP528Ka8_g4TpuW6zktczEjkr-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1



Scale =	1:66.7	

Plate Offsets (X, Y):	[3:0-2-0,0-2-0], [17:0-4-12,0-1-8]

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

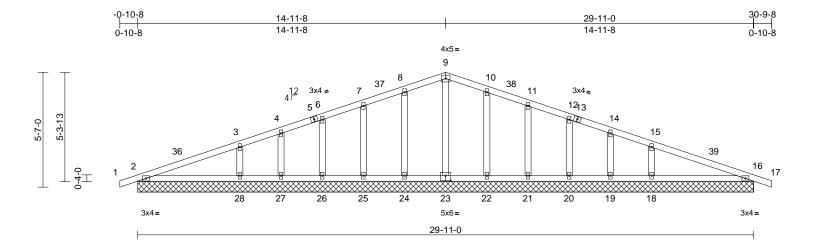


A. GILBE

January 6,2023

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	C01	Common Supported Gable	1	1	Job Reference (optional)	156000349

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:58 ID:5xZJKvo4gLIN2Y0ydH25zOzEjrl-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



Scale = 1:56

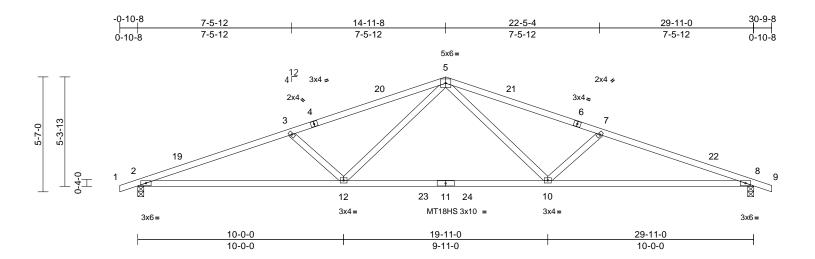
Plate Offsets (X, Y): [23:0-3-0,0-3-0]

	χ, τ). [23.0-3-0,0					1		-					-		1	
Loading	(ps	'	Spacing	2-0-0		CSI		DE		in	(lo	,		L/d		GRIP
TCLL (roof)	20		Plate Grip DOL	1.00		TC	0.2		rt(LL)	n/a				999	MT20	244/190
TCDL	10		Lumber DOL	1.15		BC	0.1		rt(CT)	n/a				999		
BCLL	0	.0*	Rep Stress Incr	YES		WB	0.0	5 Ho	rz(CT)	0.00	1	16 r	n/a	n/a		
BCDL	10	.0	Code	IRC2018	5/TPI2014	Matrix-	AS								Weight: 143 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD REACTIONS FORCES TOP CHORD	2x4 SP No.2 2x4 SP No.3 Structural wood Rigid ceiling dir (size) 2=29 18=2 20=2 24=2 26=2 28=2 33=2 Max Horiz 2=-5 Max Uplift 2=-2 7 8=-7 20=-7 22=-5 Max Uplift 2=-2 7 8=-7 20=-7 22=-5 Max Grav 2=22 18=-4 20=-7 22=-5 25=-7 27=-5 29=-2 Max Grav 2=22 (lb) - Maximum Tension 1-2=0/17, 2-3=- 4-6=-39/73, 6-7 8-9=-62/150, 9-	ectly -11-0 9-11- 9-11- 9-11- 9-11- 9-11- 9-11- 9-11- 9-11- 1 (LC 12 (LC 7 (LC 5 (LC 5 (LC 5 (LC 5 (LC 21 (LC 6 (LC 6 (LC 89 (L 889 (L 889 (L 26 (L) 26 (L) 26 (L) 26 (L) 27 (LC 27 (LC 27 (LC 27 (LC 26 (L) 26 (L) 26 (L) 27 (L)	b) $16=29-11-0$, -0, $19=29-11-0$, -0, $21=29-11-0$, -0, $23=29-11-0$, -0, $25=29-11-0$, -0, $25=29-11-0$, -0, $29=29-11-0$, -0, $29=29-11-0$, -0, $29=29-11-0$, -0, $210, 29=-51$ (LC 10), 121, 16=-21 (LC 12), 122, 16=-7 (LC 12), 122, 24=-5 (LC 12), 122, 24=-5 (LC 12), 122, 24=-5 (LC 12), 122, 33=-21 (LC 12), C 12), $33=-21$ (LC 12), C 12), $33=-21$ (LC 12), C 12), $23=141$ (LC 1), C 22), $23=141$ (LC 1), C 22), $23=141$ (LC 1), C 21), $25=152$ (LC 1), C 21), $27=43$ (LC 1), C 21), $27=43$ (LC 1), C 21), $27=43$ (LC 1), C 21), $27=43$ (LC 1), C 21), $29=226$ (LC 1), C 1) pression/Maximum 9, 3-4=-63/56, 7(100, 7-8=-52/126, 62/152, 10-11=-52/12	, 4) , 5) , 6) , 7) 8)	this design. Wind: ASC Vasd=95m B=45ft; L=3 MWFRS (d 2-1-8, Exte to 17-11-8, cantilever luright exposs for reaction DOL=1.60 Truss desi only. For s see Standa or consult of All plates a Gable requ Gable stud This truss f chord live lut * This truss on the botto	25-26=-9 21-22=-9 18-19=-9 9-23=-10 6-26=-13 10-22=-1 12-20=-1 12-	oads have bee It=120mph (3-s 6.0psf; BCDL= 2ft; Cat. II; Exp and C-C Corne 8 to 14-11-8, (0 1) 17-11-8 to 30 it exposed ; en- members and .umber DOL=1 ind loads in the ied to wind (nor Gable End De ilding designer 20 unless other t 2-0-0 oc. esigned for a 1 nourrent with an designed for a 1 nourrent witha an all areas whe 0 wide will fit be	2, 22-22 2, 19-2 2 101, 7, 7 35, 3-2 116/60 52/35, 3-2 116/60 52/35, 3-2 116/60 52/35, 3-2 116/60 52/35, 3-2 116/60 52/35, 3-2 10/50 52/35, 3-2 52 52/50 52/	24=-9/62, 20=-9/62, 25=-116/ 28=-269/1 0, idered for gust) h=25ft; closed; i-10-8 to (3) 14-11: one; i-10-8 to (3) 14-11: one; i-al left and & MWFR: te grip of the tru: the face) s applicab ANSI/TP idicated. aring. bottom or live load ad of 20.0 ctangle	-8 d S ss , , , , , , , , , , , , , , , , ,	10) T 11) T 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	bearing 2, 21 lb at joint 2 b uplift 21, 7 lb at joint 1 fhis tru thernat R802.10 This tru structur chord a the bott D CAS	plate uplift 25, 7 at join uplift 18, 21 ss is c ional).2 ar as dea al woon on ch E(S)	capaat joi lb upl ht 28, at joi lb upl desig Resid nd ref sign 1 od sh 2" gyf ord. Star	able of withstandii int 16, 5 lb uplift a lift at joint 26, 5 lb 5 lb uplift at joint int 20, 5 lb uplift at joint int 20, 5 lb uplift at joint plift at joint 2 and ned in accordance dential Code sect requires that a mi neathing be applie posum sheetrock b ndard	ions R502.11.1 and d ANSI/TPI 1.



Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	C02	Common	6	1	Job Reference (optional)	156000350

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:58 ID:TG?LDhtXU?dcrNvFuAfBcNzEjqL-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



Scale = 1:56

00010 = 1100													
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 1.00 1.15 YES IRC2015	5/TPI2014	CSI TC BC WB Matrix-AS	0.65 0.77 0.35	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.27 -0.54 0.10	(loc) 10-12 10-12 8	l/defl >999 >662 n/a	L/d 240 180 n/a	PLATES MT20 MT18HS Weight: 125 lb	GRIP 244/190 244/190 FT = 20%
	2x4 SP No.2 2x4 SP No.1 2x4 SP No.3 Structural wood she Rigid ceiling directly (size) 2=0-3-8, 8 Max Horiz 2=-51 (LC Max Uplift 2=-31 (LC Max Grav 2=1249 (I	8=0-3-8 C 10) C 12), 8=-31 (LC 12)	8)	bearing plat 2 and 31 lb This truss is Internationa R802.10.2 a This truss d structural we		standing 3 ordance w e sections andard AN at a minim applied di	1 lb uplift at R502.11.1 a ISI/TPI 1. um of 7/16" rectly to the	joint and top					
FORCES	(lb) - Maximum Com Tension	pression/Maximum											
TOP CHORD	,	4/169, 3-5=-2578/135, =-2944/169, 8-9=0/17	,										
BOT CHORD	2-12=-100/2763, 10- 8-10=-108/2763	,											
WEBS	5-10=0/834, 7-10=-5 3-12=-554/138	554/138, 5-12=0/834,											
NOTES													
1) Unbalance	ed roof live loads have	been considered for											

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior (2) -0-10-8 to 2-1-8, Interior (1) 2-1-8 to 14-11-8, Exterior (2) 14-11-8 to 17-11-8, Interior (1) 17-11-8 to 30-9-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) All plates are MT20 plates unless otherwise indicated.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

SEAL 036322 January 6,2023

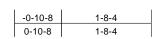
MILLING



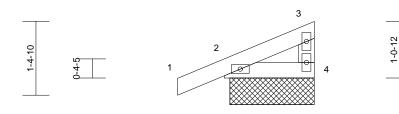
Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	D01	Monopitch Supported Gable	1	1	Job Reference (optional)	156000351

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:59 ID:qM?BYLCuT6RrnmpSR?mBOhzDpL?-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

Page: 1







2x4 = 2x4 🛛

1-8-4

Scale - 1.21.6

Loading (psf) TCLL (roof) 20.0 TCDL 10.0 BCLL 0.0* BCDL 10.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.15 YES IRC2015/TPI2014	CSI TC BC WB Matrix-MP	0.06 0.01 0.00	DEFL Vert(LL) Vert(CT) Horz(CT)	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: 7 lb	GRIP 244/190 FT = 20%
LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.2 BRACING TOP CHORD Structural wood shea 1-8-4 oc purlins, exc BOT CHORD Rigid ceiling directly bracing. REACTIONS (size) 2=1-7-0, 4 Max Horiz 2=25 (LC Max Uplift 2=-29 (LC (LC 1)	cept end verticals. applied or 10-0-0 oc =1-7-0, 5=1-7-0 11), 5=25 (LC 11) 12), 5=-29 (LC 12)	bearing p 2 and 29 7) N/A 8) This trus Internatio R802.10. LOAD CASE	nechanical connecti late capable of with lb uplift at joint 2. s is designed in acco nal Residential Coc 2 and referenced st (S) Standard	standing 2 ordance w le sections	29 lb uplift at j ith the 2015 s R502.11.1 a	joint					
 FORCES (Ib) - Maximum Comp Tension TOP CHORD 1-2=0/20, 2-3=-31/20 BOT CHORD 2-4=-14/28 NOTES 1) Wind: ASCE 7-10; Vult=120mph Vasd=95mph; TCDL=6.0psf; BCI B=45ft; L=24ft; eave=2ft; Cat. II; MWFRS (directional) and C-C Co cantilever left and right exposed; right exposed;C-C for members a for reactions shown; Lumber DOI DOL=1.60 2) Truss designed for wind loads in only. For studs exposed to wind see Standard Industry Gable Enc or consult qualified building desig (3) Gable studs spaced at 2-0-0 oc. 4) This truss has been designed for chord live load nonconcurrent wit 5) * This truss has been designed for on the bottom chord in all areas w 3-06-00 tall by 2-00-00 wide will f chord and any other members. 	, 3-4=-30/36 (3-second gust) DL=6.0psf; h=25ft; Exp B; Enclosed; orner (3) zone; end vertical left and and forces & MWFR: L=1.60 plate grip the plane of the trus (normal to the face), d Details as applicab mer as per ANSI/TP a 10.0 psf bottom th any other live load or a live load of 20.0 where a rectangle	S Ie, I 1. Is.								SEA 0363	EER RUU

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

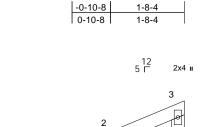


Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	D02	Monopitch	3	1	Job Reference (optional)	156000352

1-4-10

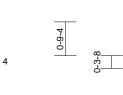
0-4-5

Run: 8,63 S Nov 19 2022 Print: 8,630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:59 ID:ORgw4F8iB4LLDF4XHWBYq7zDpMN-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f Page: 1



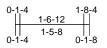
2

P



2x4 = 2x4 II

М



Scale = 1:26.3

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00	TC	0.05	Vert(LL)	0.00	7	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	0.00	7	>999	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	2	n/a	n/a		
BCDL	10.0	Code	IRC2015/TPI207	14 Matrix-MP							Weight: 7 lb	FT = 20%
LUMBER			6) Provid	e mechanical connection	on (by oth	ers) of truss	to					
TOP CHORD	2x4 SP No.2		bearin	g plate capable of with	standing 2	9 lb uplift at	joint					
BOT CHORD	2x4 SP No.2		2.									
WEBS	2x4 SP No.2			uss is designed in acco								
BRACING				ational Residential Cod			and					
TOP CHORD	Structural wood she	athing directly applie		10.2 and referenced sta	andard AN	ISI/TPI 1.						
	1-8-4 oc purlins, ex	cept end verticals.	LOAD CA	SE(S) Standard								
BOT CHORD		applied or 10-0-0 o	с									
	bracing.											
REACTIONS	() ,											
	Max Horiz 2=25 (LC	,										
	Max Uplift 2=-29 (LC	,										
	Max Grav 2=129 (L0	, ,										
FORCES	(lb) - Maximum Com Tension	pression/Maximum										
TOP CHORD		7. 3-4=-30/23										
BOT CHORD	,	,										
NOTES												
	SCE 7-10; Vult=120mph	(3-second aust)										
	mph; TCDL=6.0psf; BC											
B=45ft; L	=24ft; eave=4ft; Cat. II;	Exp B; Enclosed;										
MWFRS	(directional) and C-C E	xterior (2) zone;										
	r left and right exposed											111.
0 1	osed;C-C for members		RS								M' CI	ND 111
	ons shown; Lumber DC	L=1.60 plate grip									OR SES	NON IN
DOL=1.6										5	ORTHU	12. Mile
	s has been designed fo e load nonconcurrent w		do							SA	JOT LO	Nin
	iss has been designed f								2			n
	ottom chord in all areas		,hoi						-			

- 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.
- 4) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.



818 Soundside Road Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	V01	Valley	1	1	Job Reference (optional)	156000353

2-1-11

2-1-11

Carolina Structural Systems (Star, NC)), Ether, NC - 27247,

Run: 8.63 S Nov 19 2022 Print: 8.630 S Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:59 ID: uQn2LBkRkrmIHWYxFUW5 iHzDptB-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?ff

3-11-15

1-10-4

4-3-5

4-3-5

Page: 1

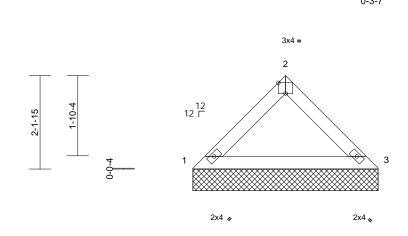


Plate Offsets (X, Y): [2:0-2-0,Edge]

Plate Olisets (X, Y): [2:0-2-0,Edge]									
TCLL (roof) 20.0 Plate Grip DOL 1.0 TCDL 10.0 Lumber DOL 1.1 BCLL 0.0* Rep Stress Incr YE	15	CSI TC 0. BC 0. WB 0. Matrix-MP	()	in n/a n/a 0.00	(loc) - - 3	n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 14 lb	GRIP 244/190 FT = 20%
 LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.3 BRACING TOP CHORD Structural wood sheathing directly applied or 4-3-5 oc purlins. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS (size) 1=4-3-5, 3=4-3-5 Max Horiz 1=37 (LC 11) Max Uplift 1=-1 (LC 12), 3=-1 (LC 12) Max Grav 1=171 (LC 1), 3=171 (LC 1) FORCES (lb) - Maximum Compression/Maximum Tension TOP CHORD 1-2=-215/32, 2-3=-215/32 BOT CHORD 1-3=-13/154 NOTES 1) Unbalanced roof live loads have been considered for this design. 2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior (2) zone; cantilever left and right exposed ; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60 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 6-0-0 oc. 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads. 	on the botton 3-06-00 tall b chord and an 8) Provide mect bearing plate and 1 lb upliff 9) This truss is c International	designed in accordanc Residential Code secti nd referenced standard	ere a rectangle between the both others) of truss ng 1 lb uplift at jo e with the 2015 ions R502.11.1 a	tom to pint 1		6	~	SEA 0363	L 22 FER. H.

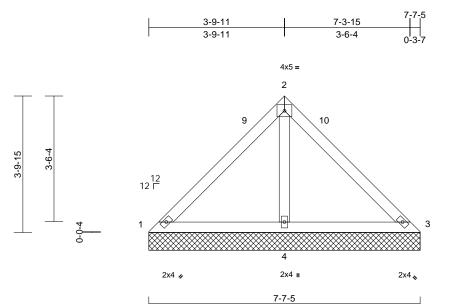
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, 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	Garman Homes - Forget Me Not B Roof	
Q2200851	V02	Valley	1	1	Job Reference (optional)	156000354

Run: 8.63 S. Nov 19 2022 Print: 8.630 S. Nov 19 2022 MiTek Industries, Inc. Thu Jan 05 12:42:59 ID:BruzPXSygYWYx8wvSJ5MnBzEjw3-RfC?PsB70Hq3NSgPqnL8w3uITXbGKWrCDoi7J4zJC?f

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ale – 1·32 3 So

Scale = 1:32.3						-							
Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00		TC	0.19	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.30	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.11	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	10.0	Code	IRC2015	5/TPI2014	Matrix-MP							Weight: 31 lb	FT = 20%
LUMBER TOP CHORD BOT CHORD OTHERS BRACING TOP CHORD	2x4 SP No.2 2x4 SP No.3 2x4 SP No.3 Structural wood she 7-7-5 oc purlins.	athing directly applie	6) 7) ed or 8)	chord live lo * This truss on the botto 3-06-00 tall chord and a	as been designed ad nonconcurrer has been design m chord in all are by 2-00-00 wide ny other member chanical connecti	it with any ed for a liv eas where will fit betv rs.	other live loa e load of 20. a rectangle veen the bott	ads. Opsf tom					
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.				e capable of with It at joint 3 and 58			joint					

REACTIONS (size) 1=7-7-5, 3=7-7-5, 4=7-7-5 Max Horiz 1=69 (LC 11) 1=-11 (LC 22), 3=-11 (LC 21), Max Uplift 4=-58 (LC 12)

1=65 (LC 21), 3=65 (LC 22), 4=537 Max Grav (LC 1) FORCES (Ib) - Maximum Compression/Maximum Tension

TOP CHORD 1-2=-78/199, 2-3=-77/199 BOT CHORD 1-4=-173/119, 3-4=-173/119 2-4=-385/137 WEBS

NOTES

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

- Wind: ASCE 7-10; Vult=120mph (3-second gust) 2) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior (2) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 3-9-15, Exterior (2) 3-9-15 to 6-11-6, Interior (1) 6-11-6 to 7-7-9 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- Truss designed for wind loads in the plane of the truss 3) only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- Gable requires continuous bottom chord bearing. 4)
- 5) Gable studs spaced at 6-0-0 oc.

This truss is designed in accordance with the 2015 9) International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

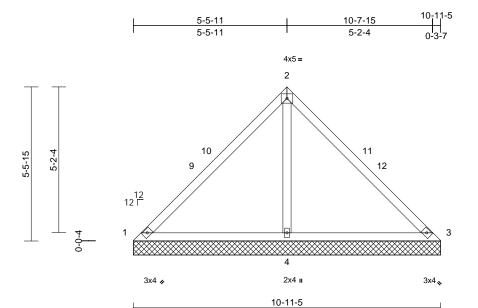
LOAD CASE(S) Standard



818 Soundside Road Edenton, NC 27932

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	V03	Valley	1	1	Job Reference (optional)	156000355

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Scale = 1:41.1

Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00		TC	0.37	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.53	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.35	Horiz(TL)	0.01	3	n/a	n/a		
BCDL	10.0	Code	IRC201	5/TPI2014	Matrix-MS							Weight: 45 lb	FT = 20%
	Max Horiz 1=101 (Lo Max Uplift 1=-48 (Lo	y applied or 6-0-0 oc 5, 3=10-11-5, 4=10- C 11) C 22), 3=-48 (LC 21)	8) 11-5 ⁹⁾	chord live loa * This truss l on the bottor 3-06-00 tall l chord and a Provide mec bearing plate 1, 48 lb uplif This truss is International	as been designe ad nonconcurren has been desigr m chord in all ar by 2-00-00 wide hanical connect e capable of with t at joint 3 and 1 designed in acc Residential Con nd referenced s Standard	nt with any ned for a liv reas where will fit betw ers. tion (by oth hstanding 4 05 lb uplift cordance w de sections	other live loa e load of 20. a rectangle veen the bott ers) of truss 8 lb uplift at at joint 4. ith the 2015 R502.11.1 a	Opsf om to joint					
	4=-105 (L Max Grav 1=62 (LC			(-)									
FORCES	(LC 1) (lb) - Maximum Con Tension	npression/Maximum											
TOP CHORD	1-2=-141/363, 2-3=-	141/363											
BOT CHORD	1-4=-275/156, 3-4=-	275/156											
WEBS	2-4=-665/218												
NOTES													
	ed roof live loads have n.	been considered fo	or										11.
2) Wind ASC	CE 7-10: Vult-120mph	(3-second dust)										minin	

2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior (2) 0-0-4 to 3-0-4, Interior (1) 3-0-4 to 5-5-15, Exterior (2) 5-5-15 to 8-5-15, Interior (1) 8-5-15 to 10-11-9 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

- Truss designed for wind loads in the plane of the truss 3) only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- 4) Gable requires continuous bottom chord bearing.
- 5) Gable studs spaced at 6-0-0 oc.



January 6,2023

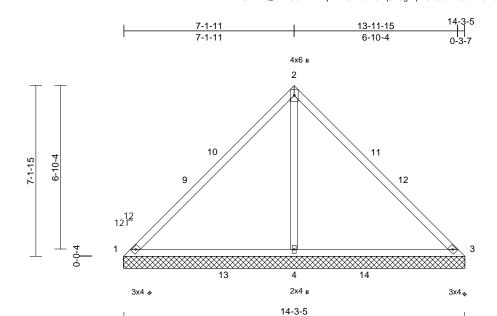
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Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	V04	Valley	1	1	Job Reference (optional)	156000356

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Page: 1



Scale = 1:48.3

FORCES

WEBS NOTES

2)

TOP CHORD

BOT CHORD

this design.

Loading	(psf)	Spacing	2-0-0		CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.00		TC	0.67	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15		BC	0.56	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES		WB	0.93	Horiz(TL)	0.01	3	n/a	n/a		
BCDL	10.0	Code	IRC201	5/TPI2014	Matrix-MS							Weight: 60 lb	FT = 20%
LUMBER			6)	This truss h	as been designe	d for a 10 () nsf hottom						
TOP CHORD	2x4 SP No.2		0)		ad nonconcurre								
BOT CHORD	2x4 SP No.2		7)		has been desigr								
OTHERS	2x4 SP No.3			on the botto	m chord in all ar	eas where	a rectangle						
BRACING					by 2-00-00 wide								
TOP CHORD	Structural wood she 10-0-0 oc purlins.	eathing directly applie	d or 8)		ny other membe chanical connect								
BOT CHORD		applied or 6-0-0 oc		01	e capable of with lb uplift at joint 3	0							
	0	3, 3=14-3-13, 4=14-3 _C 10)	-13 ⁹⁾ 10	surface with	te or shim requir truss chord at jo	oint(s) 1, 3.		ng					
	Max Uplift 1=-127 (L	(Horiz 1=-133 (LC 10) (Uplift 1=-127 (LC 22), 3=-127 (LC 21), 4=-198 (LC 12)			designed in acc Residential Co	de sections	R502.11.1 a	and					
	Max Grav 1=95 (LC	,	LC	R802.10.2 a	and referenced s	tanuard An	ISI/TP11.						

LOAD CASE(S) Standard

SEAL 036322 January 6,2023

ENGINEERING BY TREENCO AMITEK Affiliate 818 Soundside Road Edenton, NC 27932

	B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed;
	MWFRS (directional) and C-C Exterior (2) 0-0-0 to
	3-0-0, Interior (1) 3-0-0 to 7-1-15, Exterior (2) 7-1-15 to
	10-1-15, Interior (1) 10-1-15 to 14-3-13 zone; cantilever
	left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for
	reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 deviance appr (ANSI/TEP 1

4=1388 (LC 17)

1-2=-244/614, 2-3=-244/603

1-4=-458/225, 3-4=-458/225

1) Unbalanced roof live loads have been considered for

Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft;

(Ib) - Maximum Compression/Maximum

- or consult qualified building designer as per ANSI/TPI 1. 4) Gable requires continuous bottom chord bearing.
- 5) Gable studs spaced at 6-0-0 oc.

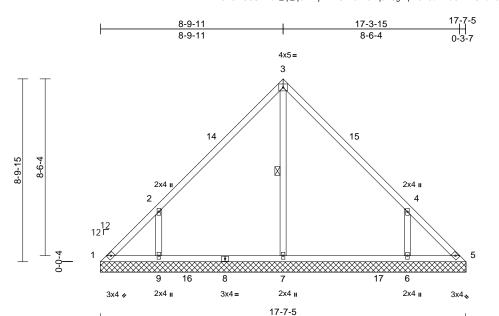
Tension

2-4=-1052/332

Job	Truss	Truss Type	Qty	Ply	Garman Homes - Forget Me Not B Roof	
Q2200851	V05	Valley	1	1	Job Reference (optional)	156000357

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Page: 1



Scale = 1:55.6

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 1.00 1.15 YES IRC201	5/TPI2014	CSI TC BC WB Matrix-MS	0.45 0.40 0.08	Vert(TL)	in n/a n/a 0.00	(loc) - - 5	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 81 lb	GRIP 244/190 FT = 20%
BOT CHORD OTHERS BRACING TOP CHORD BOT CHORD WEBS REACTIONS (S M M FORCES TOP CHORD	size) 1=17-7-13 7=17-7-13 Max Horiz 1=-165 (L Max Uplift 1=-51 (LC 6=-133 (L Max Grav 1=146 (LC	applied or 10-0-0 oc 3-7 3, 5=17-7-13, 6=17-7 3, 9=17-7-13 C 10) 10), 5=-14 (LC 11), C 12), 9=-133 (LC 12) C 18), 5=118 (LC 17) C 18), 7=483 (LC 17) C 17) pression/Maximum	6) 7) -13, 8) 2) ; 9) 10	only. For stu see Standaru or consult qu Gable requir Gable studs This truss ha chord live loa * This truss ha chord live loa * This truss ha chord and ar Provide mec bearing plate 1, 14 lb uplift uplift at joint Beveled plat surface with)) This truss is International	e or shim requir truss chord at jo designed in acc Residential Co nd referenced s	vind (norm End Deta designer as ottom chor oc. d for a 10.4 t with any ed for a liv as where will fit betw rs, with BC ion (by oth istanding 5 b uplift at jc ed to provioint(s) 1, 5. ordance w de sections	al to the face ils as applica is per ANSI/TI d bearing. 0 psf bottom other live loa re load of 20.1 ca rectangle veen the bott DL = 10.0psi of truss t joint 9 and 13 de full bearin ith the 2015 s R502.11.1 a), ble, Pl 1. Opsf om c. oont 3 lb					
	1-9=-45/117, 7-9=-4 5-6=-45/117											, mining	1111
NOTES	3-7=-196/0, 2-9=-41 I roof live loads have										an	ORTH CA	ROLI

- Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior (2) 0-0-0 to 2-9-15, Interior (1) 2-9-15 to 8-9-15, Exterior (2) 8-9-15 to 11-9-15, Interior (1) 11-9-15 to 17-7-13 zone; cantilever left and right exposed ; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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



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