

Re: J1042066
Presidential Homes LLC

Tri-State Engineering, Inc.

12810 NE 178th Street
Suite 218
Woodinville, WA 98072
425.481.6601

The truss drawing(s) referenced below have been prepared by Tri-State Engineering under my direct supervision based on the parameters provided by The Truss Company (Sumner).

Pages or sheets covered by this seal: I13864690 thru I13864708

My license renewal date for the state of Washington is August 20, 2022.



July 12, 2021

Terry Powell

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI 1.

Job J1042066	Truss A1	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864690
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-NWED7H70W2EYTxTdRy2x0u?0wFjMlcxDB6O9ngyzn6j

Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:24 2021 Page 1

Scale = 1:87.5

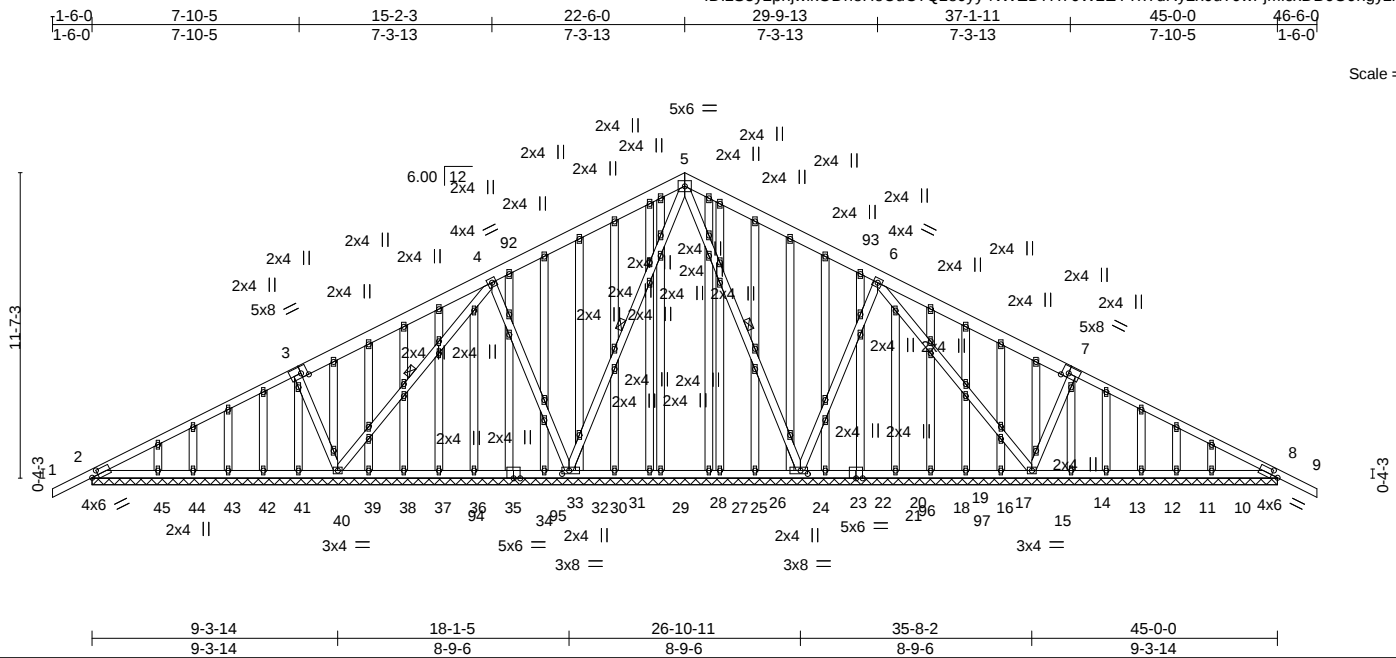


Plate Offsets (X,Y)--		[2:0-3-0,0-2-4], [3:0-3-0,Edge], [7:0-3-0,Edge], [8:0-3-0,0-2-4], [23:0-3-4,0-1-8], [32:0-3-4,0-1-8]	
LOADING (psf)		SPACING-	
TCLL 25.0		2-0-0	
(Roof Snow=25.0)		Plate Grip DOL 1.15	
TCDL 8.0		Lumber DOL 1.15	
BCCL 0.0 *		Rep Stress Incr YES	
BCDL 7.0		Code IRC2018/TPI2014	
		CSL	
		TC 0.66	
		BC 0.50	
		WB 0.75	
		Matrix-SH	
		DEFL	
		in (loc) l/defl L/d	
		Vert(LL) -0.01 9 n/r 120	
		Vert(CT) 0.00 9 n/r 90	
		Horz(CT) 0.01 8 n/a n/a	
		PLATES	
		MT20	
		GRIP	
		185/148	
		Weight: 438 lb	
		FT = 20%	

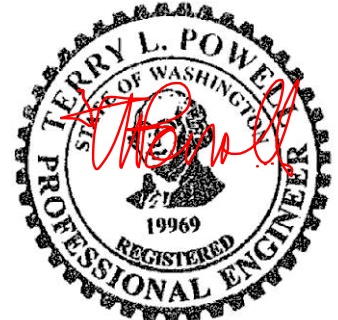
LUMBER-
TOP CHORD 2x6 DF SS *Except*
1-3,7-9: 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF No.2 *Except*
7-15,3-40: 2x4 HF Stud
OTHERS 2x4 HF Stud *Except*
28-46,27-49,29-46,32-53,26-49,23-74: 2x4 HF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 5-23, 5-32, 4-40

REACTIONS. All bearings 45-0-0.
(lb) - Max Horz 2=135(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 8, 2, 44, 45, 16, 14, 13, 12, 11, 10 except 23=153(LC 11), 32=125(LC 10), 40=169(LC 10), 17=110(LC 18)
Max Grav All reactions 250 lb or less at joint(s) 28, 27, 29, 30, 31, 33, 35, 36, 37, 38, 39, 41, 42, 43, 44, 45, 26, 25, 24, 22, 20, 19, 18, 17, 13, 12, 11, 10 except 8=373(LC 18), 23=964(LC 18), 32=710(LC 17), 40=655(LC 17), 2=289(LC 17), 16=342(LC 18), 14=273(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=90/279, 5-6=0/344, 7-8=388/89
WEBS 5-23=-420/5, 6-23=-609/180, 7-15=-463/162, 5-32=-296/0, 4-32=-461/144, 4-40=-275/34, 3-40=-466/163

NOTES- (13)
1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
3) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
6) All plates are 1.5x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 1-4-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 2, 44, 45, 16, 14, 13, 12, 11, 10 except (t=lb) 23=153, 32=125, 40=169, 17=110.
12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
13) All dimensions given in feet-inches-sixteenths (FFISS) format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component**
Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



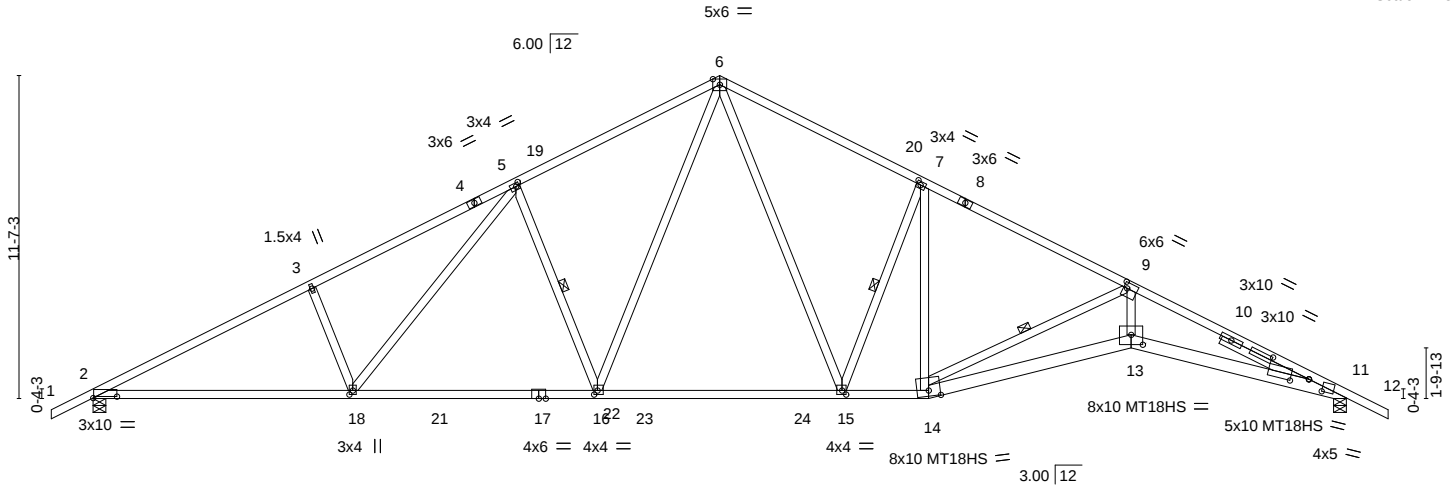
Job J1042066	Truss A2	Truss Type SCISSOR TRUSS	Qty 5	Ply 1	Presidential Homes LLC	I13864691
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The Truss Company (Sumner), Sumner, WA - 98390,

ID: zS5y2phjwikODheHoUuC?Qze0yy-JuMzYy9G2UGiFd?YN4P5J4LY2OUDTDWeQtGrZyn6h
8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:26 2021 Page 1

1-6-0	7-10-5	15-2-3	22-6-0	30-0-0	37-3-4	45-0-0	46-6-0
1-6-0	7-10-5	7-3-14	7-3-13	7-6-0	7-3-4	7-8-12	1-6-0

Scale = 1:82.7



9-3-14	18-1-5	26-10-11	30-0-0	37-3-4	45-0-0
9-3-14	8-9-7	8-9-6	3-1-5	7-3-4	7-8-12

Plate Offsets (X,Y)-- [2:0-10-4,0-0-10], [5:0-1-8,0-1-8], [7:0-1-12,0-1-8], [9:0-1-8,0-2-8], [11:0-6-9,0-3-11], [11:1-6-0,0-1-8], [11:0-7-13,0-2-8], [13:0-5-0,0-4-4], [14:0-5-0,0-2-8], [15:0-1-12,0-1-12], [16:0-1-8,0-1-12], [18:0-1-12,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.71	in (loc) l/defl L/d	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.52	Vert(LL) -0.48 15-16 >999 360	MT18HS	185/148
TCDL 8.0	Lumber DOL 1.15	WB 0.95	Vert(CT) -0.71 15-16 >749 240		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.33 11 n/a n/a		
BCDL 7.0	Code IRC2018/TPI2014			Weight: 235 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 DF 2400F 2.0E	TOP CHORD Structural wood sheathing directly applied or 2-10-4 oc purlins.
BOT CHORD 2x4 DF 2400F 2.0E *Except*	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
13-14,11-13: 2x6 DF 2400F 2.0E	WEBS 1 Row at midpt 5-16, 7-15, 9-14
WEBS 2x4 HF No.2 *Except*	
3-18: 2x4 HF Stud, 9-14: 2x4 DF No.1&Btr	
SLIDER Right 2x4 DF 2400F 2.0E 3-5-9	

REACTIONS. (size) 2=0-5-8, 11=0-5-8
Max Horz 2=136(LC 10)
Max Uplift 2=-127(LC 10), 11=-127(LC 11)
Max Grav 2=2041(LC 2), 11=2011(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3690/197, 3-5=-3537/245, 5-6=-2731/216, 6-7=-2699/218, 7-9=-2977/181, 9-11=-6780/281
BOT CHORD 2-18=-229/3201, 16-18=-119/2611, 15-16=-2/1955, 14-15=-5/2589, 13-14=-177/6183, 11-13=-180/6161
WEBS 3-18=-409/153, 5-18=-90/778, 5-16=-875/204, 6-16=-122/1206, 6-15=-128/1118, 7-15=-909/191, 7-14=-25/361, 9-14=-3824/209, 9-13=-27/3206

- NOTES-** (11)
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 5) All plates are MT20 plates unless otherwise indicated.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
 - 8) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=127, 11=127.
 - 10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 11) All dimensions given in feet-inches-sixteenths (FFI/SS) format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
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Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss A3	Truss Type SPECIAL TRUSS	Qty 3	Ply 1	Presidential Homes LLC	I13864692
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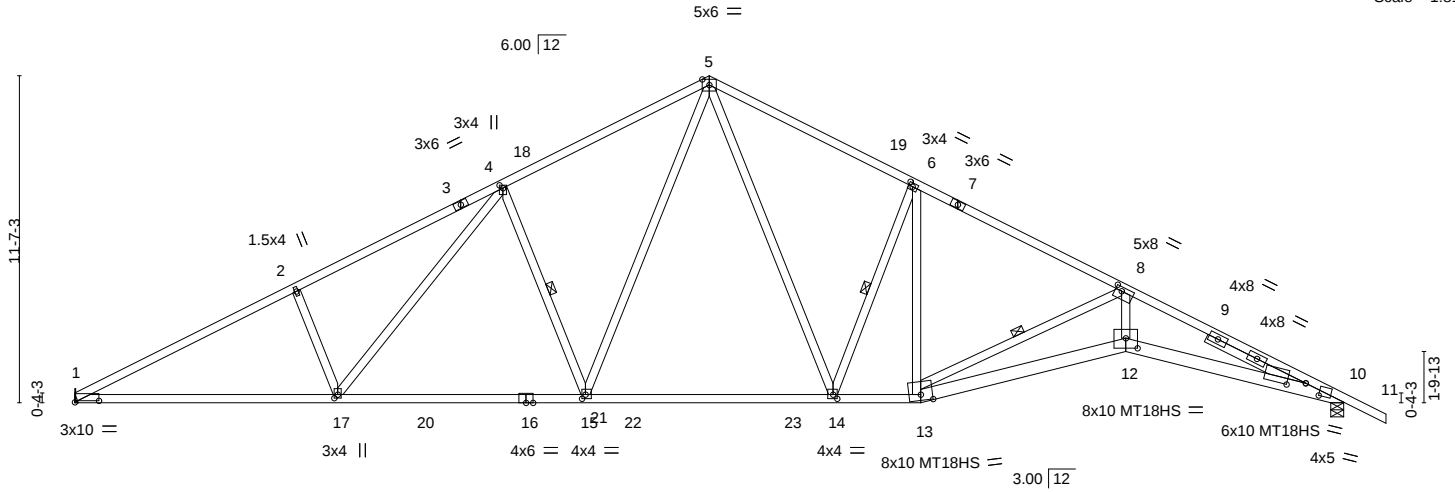
The Truss Company (Sumner), Sumner, WA - 98390,

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Job Reference (optional)

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Scale = 1:81.7



Job J1042066	Truss A4	Truss Type COMMON TRUSS	Qty 7	Ply 1	Presidential Homes LLC	I13864693
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The Truss Company (Sumner), Sumner, WA - 98390,

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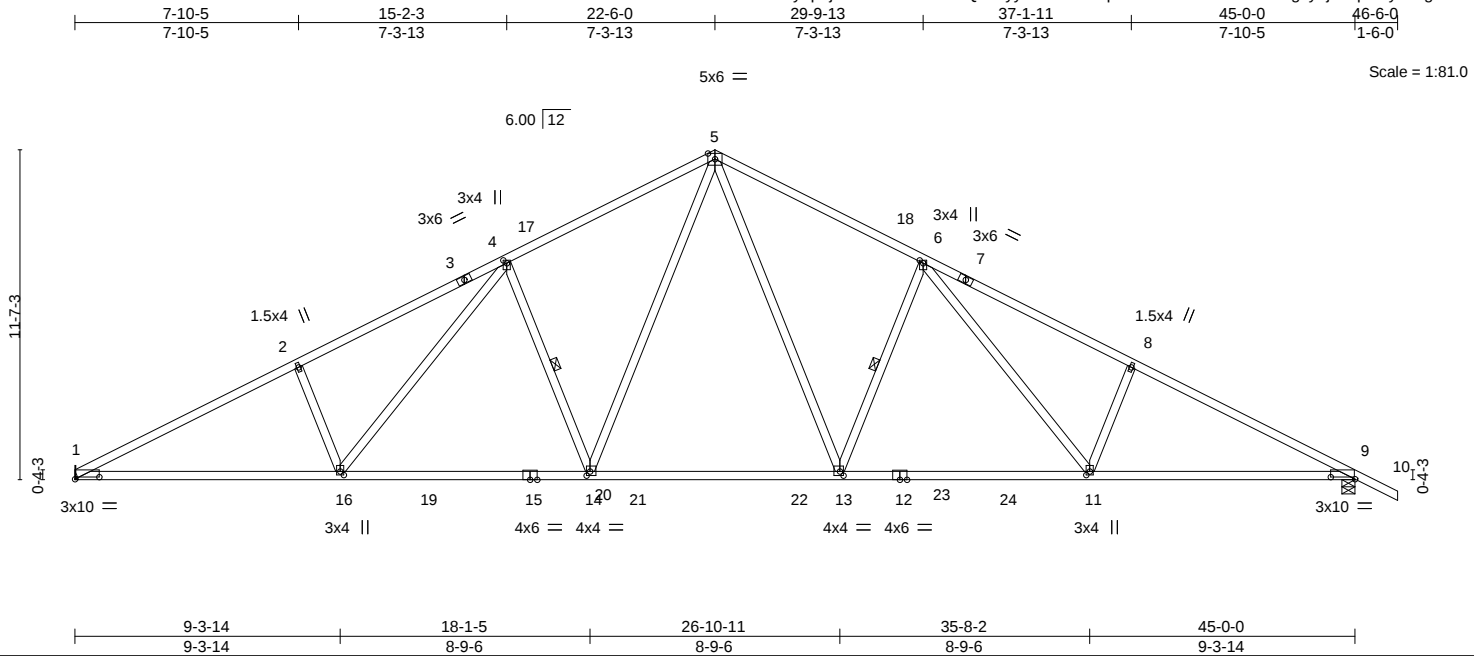


Plate Offsets (X,Y)--		[1:0-10-4,0-0-14], [4:0-1-4,0-1-8], [6:0-1-4,0-1-8], [9:0-10-4,0-0-14], [11:0-1-8,0-1-8], [13:0-1-8,0-1-12], [14:0-1-8,0-1-12], [16:0-1-8,0-1-8]
LOADING (psf)	SPACING-	2-0-0
TCLL 25.0	Plate Grip DOL	1.15
(Roof Snow=25.0)	Lumber DOL	1.15
TCDL 8.0	Rep Stress Incr	YES
BCDL 0.0 *	Code IRC2018/TPI2014	
BCDL 7.0		
CS.	DEFL.	
TC 0.98	in (loc) l/defl L/d	
BC 0.83	Vert(LL) -0.37 13-14 >999 360	
WB 0.36	Vert(CT) -0.55 13-14 >982 240	
Matrix-SH	Horz(CT) 0.16 9 n/a n/a	
	PLATES	GRIP
	MT20	185/148
	Weight: 209 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 DF 2400F 2.0E *Except*
1-3,7-10: 2x4 DF No.1&Btr
BOT CHORD 2x4 DF No.1&Btr
WEBS 2x4 HF No.2 *Except*
8-11,2-16: 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-13, 4-14

REACTIONS. (size) 9=0-5-8, 1=Mechanical
Max Horz 1=-144(LC 11)
Max Uplift 9=-128(LC 11), 1=-106(LC 10)
Max Grav 9=2077(LC 2), 1=1980(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-3814/207, 2-4=-3681/255, 4-5=-2815/219, 5-6=-2807/216, 6-8=-3615/245, 8-9=-3768/198
BOT CHORD 1-16=-239/3345, 14-16=-123/2697, 13-14=-3/2028, 11-13=-10/2680, 9-11=-93/3270
WEBS 5-13=-125/1183, 6-13=-860/204, 6-11=-89/780, 8-11=-409/153, 5-14=-127/1215, 4-14=-898/207, 4-16=-97/846, 2-16=-454/159

NOTES- (10)
1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 9=128, 1=106.
9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
10) All dimensions given in feet-inches-sixteenths (FFI)SS format.



July 12, 2021

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Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss A5	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864694
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The Truss Company (Sumner),

Sumner, WA - 98390,

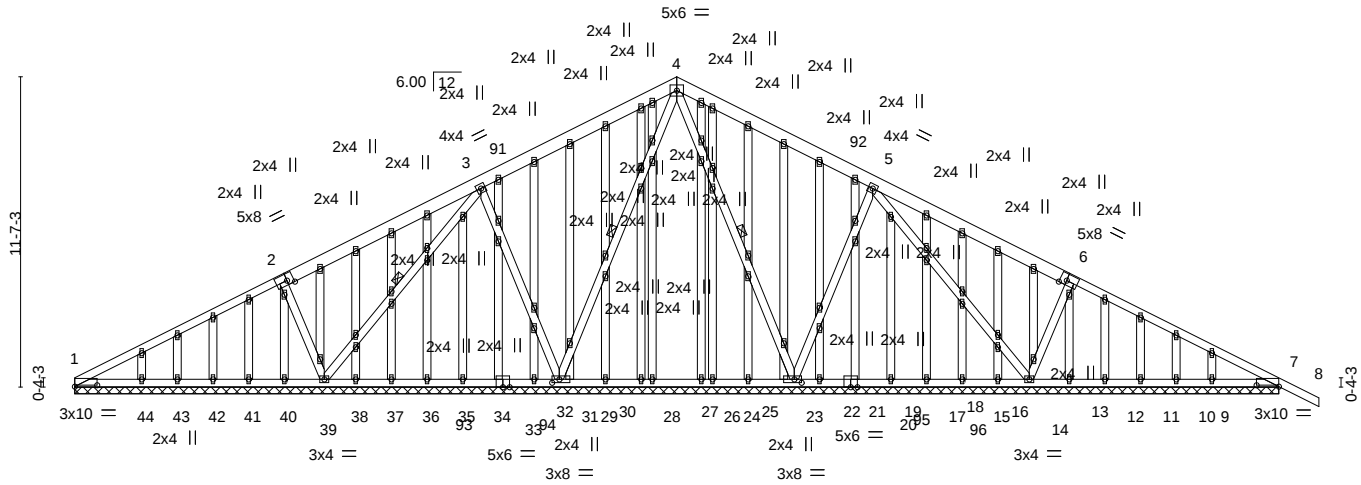
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Job Reference (optional)

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7-10-5	15-2-3	22-6-0	29-9-13	37-1-11	45-0-0	46-6-0
7-10-5	7-3-13	7-3-13	7-3-13	7-3-13	7-10-5	1-6-0

Scale = 1:86.1



9-3-14	18-1-5	26-10-11	35-8-2	45-0-0
9-3-14	8-9-6	8-9-6	8-9-6	9-3-14

Plate Offsets (X,Y)-- [1:0-10-0,0-0-10], [2:0-3-0,Edge], [6:0-3-0,Edge], [7:0-10-0,0-0-10], [22:0-3-4,0-1-8], [31:0-3-4,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.67	in (loc) l/defl L/d	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.58	Vert(LL) -0.01 8 n/r 120		
TCDL 8.0	Lumber DOL 1.15	WB 0.73	Vert(CT) 0.00 8 n/r 90		
BCCL 0.0 *	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.01 7 n/a n/a		
BCDL 7.0	Code IRC2018/TPI2014			Weight: 436 lb	FT = 20%

LUMBER-
TOP CHORD 2x6 DF SS *Except*
1-2,6-8: 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF No.2 *Except*
6-14,2-39: 2x4 HF Stud
OTHERS 2x4 HF Stud *Except*
27-45,26-48,28-45,31-52,25-48,22-73: 2x4 HF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-22, 4-31, 3-39

REACTIONS. All bearings 45-0-0.
(lb) - Max Horz 1=-143(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 7, 1, 44, 15, 13, 12, 11, 10, 9 except 22=-153(LC 11), 31=-124(LC 10), 39=-170(LC 10), 43=-100(LC 17), 16=-109(LC 18)
Max Grav All reactions 250 lb or less at joint(s) 1, 27, 26, 28, 29, 30, 32, 34, 35, 36, 37, 38, 40, 41, 42, 43, 25, 24, 23, 21, 19, 18, 17, 16, 12, 11, 10, 9 except 7=372(LC 18), 22=948(LC 18), 31=708(LC 17), 39=659(LC 17), 44=269(LC 17), 15=340(LC 18), 13=272(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-90/279, 4-5=0/340, 6-7=-387/89
WEBS 4-22=-415/5, 5-22=-597/180, 6-14=-463/162, 4-31=-296/0, 3-31=-459/144, 3-39=-275/34, 2-39=-470/164

- NOTES-** (13)
1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
3) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
6) All plates are 1.5x4 MT20 unless otherwise indicated.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 1-4-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7, 1, 44, 15, 13, 12, 11, 10, 9 except (jt=lb) 22=153, 31=124, 39=170, 43=100, 16=109.
12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
13) All dimensions given in feet-inches-sixteenths (FFI/SS) format.



July 12, 2021

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Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component**
Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss B1	Truss Type COMMON TRUSS	Qty 1	Ply 3	Presidential Homes LLC 113864695
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwkoDheHoUuC?Qze0yy-rzK0vQLIHav?dir4UkNAlhk3oVnhzmatJvI6Pdyzn6R
8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:42 2021 Page 1

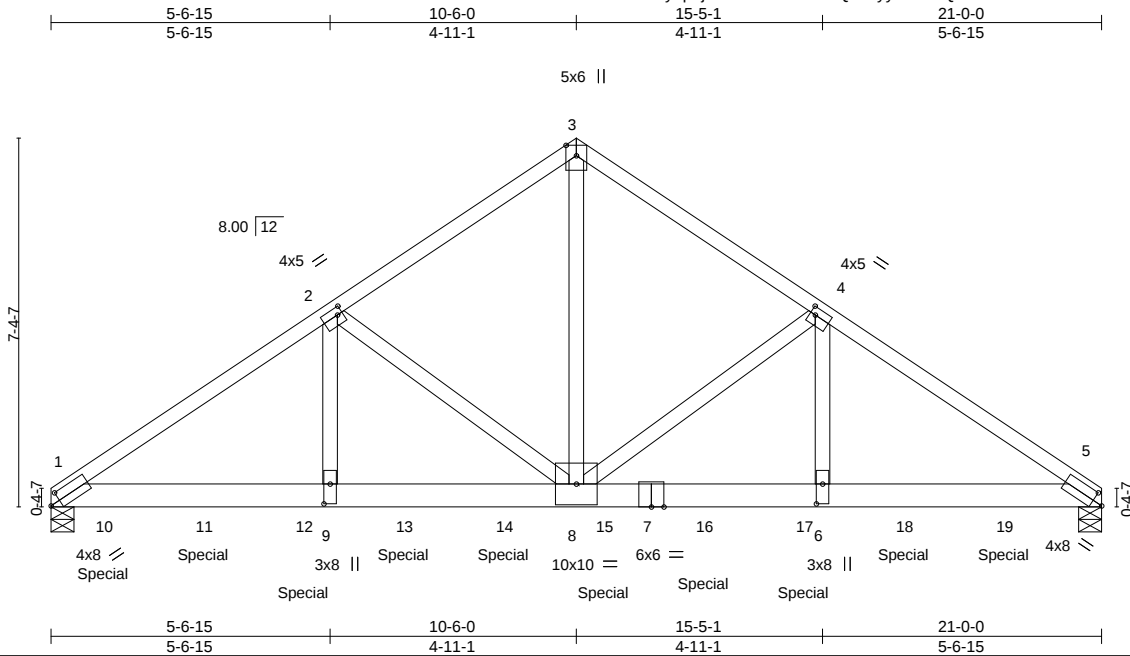


Plate Offsets (X,Y)-- [1:0-2-7,0-2-3], [2:0-1-4,0-1-12], [4:0-1-4,0-1-12], [5:0-2-7,0-2-3], [6:0-4-12,0-1-8], [9:0-4-12,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	0-8-8	TC 0.82	in (loc) l/defl L/d	MT20	185/148
TCDL 8.0	Plate Grip DOL 1.15	BC 0.81	Vert(LL) -0.15 6-8 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.67	Vert(CT) -0.23 6-8 >999 240		
BCDL 7.0	Rep Stress Incr NO	Matrix-SH	Horz(CT) 0.06 5 n/a n/a		
	Code IRC2018/TPI2014			Weight: 310 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x6 DF SS
WEBS 2x4 HF Stud *Except*
3-8: 2x4 HF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-5-8, 5=0-5-8
Max Horz 1=-41(LC 6)
Max Uplift 1=-926(LC 10), 5=-847(LC 11)
Max Grav 1=9668(LC 16), 5=8908(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-13087/1252, 2-3=-8779/856, 3-4=-8778/856, 4-5=-13040/1247
BOT CHORD 1-9=-1040/10779, 8-9=-1040/10779, 6-8=-1010/10738, 5-6=-1010/10738
WEBS 3-8=-923/9562, 4-8=-4344/445, 4-6=-466/4950, 2-8=-4396/450, 2-9=-471/5000

- NOTES-** (12)
- 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 3 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 4-6 2x4 - 1 row at 0-4-0 oc, member 2-9 2x4 - 1 row at 0-4-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - Unbalanced snow loads have been considered for this design.
 - 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 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 1=926, 5=847.
 - This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - Load case(s) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1786 lb down and 185 lb up at 1-0-12, 1786 lb down and 185 lb up at 3-0-12, 1786 lb down and 185 lb up at 5-0-12, 1786 lb down and 185 lb up at 7-0-12, 1786 lb down and 185 lb up at 9-0-12, 1786 lb down and 185 lb up at 11-0-12, 1786 lb down and 185 lb up at 13-0-12, 1786 lb down and 185 lb up at 15-0-12, and 1786 lb down and 185 lb up at 17-0-12, and 1786 lb down and 185 lb up at 19-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - All dimensions given in feet-inches-sixteenths (FIISS) format.

LOAD CASE(S) Standard

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

Uniform Loads (plf)

Vert: 1-3=-23, 3-5=-23, 1-5=-10

Concentrated Loads (lb)

Vert: 10=-1786(F) 11=-1786(F) 12=-1786(F) 13=-1786(F) 14=-1786(F) 15=-1786(F) 16=-1786(F) 17=-1786(F) 18=-1786(F) 19=-1786(F)

2) Dead + 0.75 Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15



July 12, 2021

Continued on page 2



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Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss B1	Truss Type COMMON TRUSS	Qty 1	Ply 3	Presidential Homes LLC I13864695
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The Truss Company (Sumner), Sumner, WA - 98390,

Job Reference (optional)
8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:42 2021 Page 2
ID:zS5y2phjwkoDheHoUuC?Qze0yy-rzK0vQLiHaV?dir4UkNAlhk3oVnhzmatJvi6Pdyzn6R

LOAD CASE(S) Standard

- Uniform Loads (plf)
Vert: 1-3=-19, 3-5=-19, 1-5=-10
- Concentrated Loads (lb)
Vert: 10=-1507(F) 11=-1507(F) 12=-1507(F) 13=-1507(F) 14=-1507(F) 15=-1507(F) 16=-1507(F) 17=-1507(F) 18=-1507(F) 19=-1507(F)
- 3) Dead + 0.75 Snow (Unbal. Left): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
Vert: 1-2=-19, 2-3=-31, 3-5=-10, 1-5=-10
- Concentrated Loads (lb)
Vert: 10=-1507(F) 11=-1507(F) 12=-1507(F) 13=-1507(F) 14=-1507(F) 15=-1507(F) 16=-1507(F) 17=-1507(F) 18=-1507(F) 19=-1507(F)
- 4) Dead + 0.75 Snow (Unbal. Right): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
Vert: 1-3=-10, 3-4=-31, 4-5=-19, 1-5=-10
- Concentrated Loads (lb)
Vert: 10=-1507(F) 11=-1507(F) 12=-1507(F) 13=-1507(F) 14=-1507(F) 15=-1507(F) 16=-1507(F) 17=-1507(F) 18=-1507(F) 19=-1507(F)
- 5) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
- Uniform Loads (plf)
Vert: 1-3=-6, 3-5=-6, 1-5=-17
- Concentrated Loads (lb)
Vert: 10=-1116(F) 11=-1116(F) 12=-1116(F) 13=-1116(F) 14=-1116(F) 15=-1116(F) 16=-1116(F) 17=-1116(F) 18=-1116(F) 19=-1116(F)
- 6) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=-4, 3-5=2, 1-5=-8
Horz: 1-3=1, 3-5=5
- Concentrated Loads (lb)
Vert: 10=-69(F) 11=-69(F) 12=-69(F) 13=-69(F) 14=-69(F) 15=-69(F) 16=-69(F) 17=-69(F) 18=-69(F) 19=-69(F)
- 7) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=2, 3-5=-4, 1-5=-8
Horz: 1-3=-5, 3-5=-1
- Concentrated Loads (lb)
Vert: 10=-69(F) 11=-69(F) 12=-69(F) 13=-69(F) 14=-69(F) 15=-69(F) 16=-69(F) 17=-69(F) 18=-69(F) 19=-69(F)
- 8) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=-9, 3-5=-3, 1-5=-10
Horz: 1-3=3, 3-5=3
- Concentrated Loads (lb)
Vert: 10=-881(F) 11=-881(F) 12=-881(F) 13=-881(F) 14=-881(F) 15=-881(F) 16=-881(F) 17=-881(F) 18=-881(F) 19=-881(F)
- 9) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=-3, 3-5=-9, 1-5=-10
Horz: 1-3=-3, 3-5=-3
- Concentrated Loads (lb)
Vert: 10=-881(F) 11=-881(F) 12=-881(F) 13=-881(F) 14=-881(F) 15=-881(F) 16=-881(F) 17=-881(F) 18=-881(F) 19=-881(F)
- 10) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=6, 3-5=2, 1-5=-8
Horz: 1-3=-9, 3-5=5
- Concentrated Loads (lb)
Vert: 10=185(F) 11=185(F) 12=185(F) 13=185(F) 14=185(F) 15=185(F) 16=185(F) 17=185(F) 18=185(F) 19=185(F)
- 11) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=2, 3-5=6, 1-5=-8
Horz: 1-3=-5, 3-5=9
- Concentrated Loads (lb)
Vert: 10=185(F) 11=185(F) 12=185(F) 13=185(F) 14=185(F) 15=185(F) 16=185(F) 17=185(F) 18=185(F) 19=185(F)
- 12) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=6, 3-5=2, 1-5=-8
Horz: 1-3=-9, 3-5=5
- Concentrated Loads (lb)
Vert: 10=185(F) 11=185(F) 12=185(F) 13=185(F) 14=185(F) 15=185(F) 16=185(F) 17=185(F) 18=185(F) 19=185(F)
- 13) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=2, 3-5=6, 1-5=-8
Horz: 1-3=-5, 3-5=9
- Concentrated Loads (lb)
Vert: 10=185(F) 11=185(F) 12=185(F) 13=185(F) 14=185(F) 15=185(F) 16=185(F) 17=185(F) 18=185(F) 19=185(F)
- 14) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=1, 3-5=-3, 1-5=-10
Horz: 1-3=-7, 3-5=3
- Concentrated Loads (lb)
Vert: 10=-754(F) 11=-754(F) 12=-754(F) 13=-754(F) 14=-754(F) 15=-754(F) 16=-754(F) 17=-754(F) 18=-754(F) 19=-754(F)
- 15) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
Vert: 1-3=-3, 3-5=1, 1-5=-10
Horz: 1-3=-3, 3-5=7
- Concentrated Loads (lb)
Vert: 10=-754(F) 11=-754(F) 12=-754(F) 13=-754(F) 14=-754(F) 15=-754(F) 16=-754(F) 17=-754(F) 18=-754(F) 19=-754(F)
- 16) Dead + Snow (Unbal. Left): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
Vert: 1-2=-23, 2-3=-39, 3-5=-11, 1-5=-10
- Concentrated Loads (lb)
Vert: 10=-1786(F) 11=-1786(F) 12=-1786(F) 13=-1786(F) 14=-1786(F) 15=-1786(F) 16=-1786(F) 17=-1786(F) 18=-1786(F) 19=-1786(F)
- 17) Dead + Snow (Unbal. Right): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
Vert: 1-3=-11, 3-4=-39, 4-5=-23, 1-5=-10
- Concentrated Loads (lb)
Vert: 10=-1786(F) 11=-1786(F) 12=-1786(F) 13=-1786(F) 14=-1786(F) 15=-1786(F) 16=-1786(F) 17=-1786(F) 18=-1786(F) 19=-1786(F)

Continued on page 3



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theTRUSSCO. INC.

Job J1042066	Truss B1	Truss Type COMMON TRUSS	Qty 1	Ply 3	Presidential Homes LLC I13864695
The Truss Company (Sumner), Sumner, WA - 98390,		Job Reference (optional) 8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:42 2021 Page 3 ID:zS5y2phjwikODheHoUuC?Qze0yy-rzK0vQLIHaV?dir4UkNAIhk3oVnhzmatJvi6Pdyzn6R			

- LOAD CASE(S)** Standard
- 18) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
- Uniform Loads (plf)
- Vert: 1-3=-6, 3-5=-6, 1-5=-10
- Concentrated Loads (lb)
- Vert: 10=-670(F) 11=-670(F) 12=-670(F) 13=-670(F) 14=-670(F) 15=-670(F) 16=-670(F) 17=-670(F) 18=-670(F) 19=-670(F)
- 19) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
- Vert: 1-3=-21, 3-5=-17, 1-5=-10
- Horz: 1-3=3, 3-5=2
- Concentrated Loads (lb)
- Vert: 10=-1665(F) 11=-1665(F) 12=-1665(F) 13=-1665(F) 14=-1665(F) 15=-1665(F) 16=-1665(F) 17=-1665(F) 18=-1665(F) 19=-1665(F)
- 20) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
- Vert: 1-3=-17, 3-5=-21, 1-5=-10
- Horz: 1-3=-2, 3-5=-3
- Concentrated Loads (lb)
- Vert: 10=-1665(F) 11=-1665(F) 12=-1665(F) 13=-1665(F) 14=-1665(F) 15=-1665(F) 16=-1665(F) 17=-1665(F) 18=-1665(F) 19=-1665(F)
- 21) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
- Vert: 1-3=-14, 3-5=-17, 1-5=-10
- Horz: 1-3=-5, 3-5=2
- Concentrated Loads (lb)
- Vert: 10=-1570(F) 11=-1570(F) 12=-1570(F) 13=-1570(F) 14=-1570(F) 15=-1570(F) 16=-1570(F) 17=-1570(F) 18=-1570(F) 19=-1570(F)
- 22) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
- Uniform Loads (plf)
- Vert: 1-3=-17, 3-5=-14, 1-5=-10
- Horz: 1-3=-2, 3-5=5
- Concentrated Loads (lb)
- Vert: 10=-1570(F) 11=-1570(F) 12=-1570(F) 13=-1570(F) 14=-1570(F) 15=-1570(F) 16=-1570(F) 17=-1570(F) 18=-1570(F) 19=-1570(F)



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theTRUSSCO. INC.

Job J1042066	Truss B2	Truss Type COMMON TRUSS	Qty 1	Ply 1	Presidential Homes LLC	I13864696
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID: zS5y2phjwikODheHoUuC?Qze0yy-rzK0vQLIHav?dir4UkNAIhk84Vs2zuhtJvi6Pdyzn6R

Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:42 2021 Page 1

1-1-15 5-5-7 10-6-0 15-6-9 21-0-0 22-1-15
1-1-15 5-5-7 5-0-9 5-0-9 5-5-7 1-1-15

4x5 =

Scale = 1:43.5

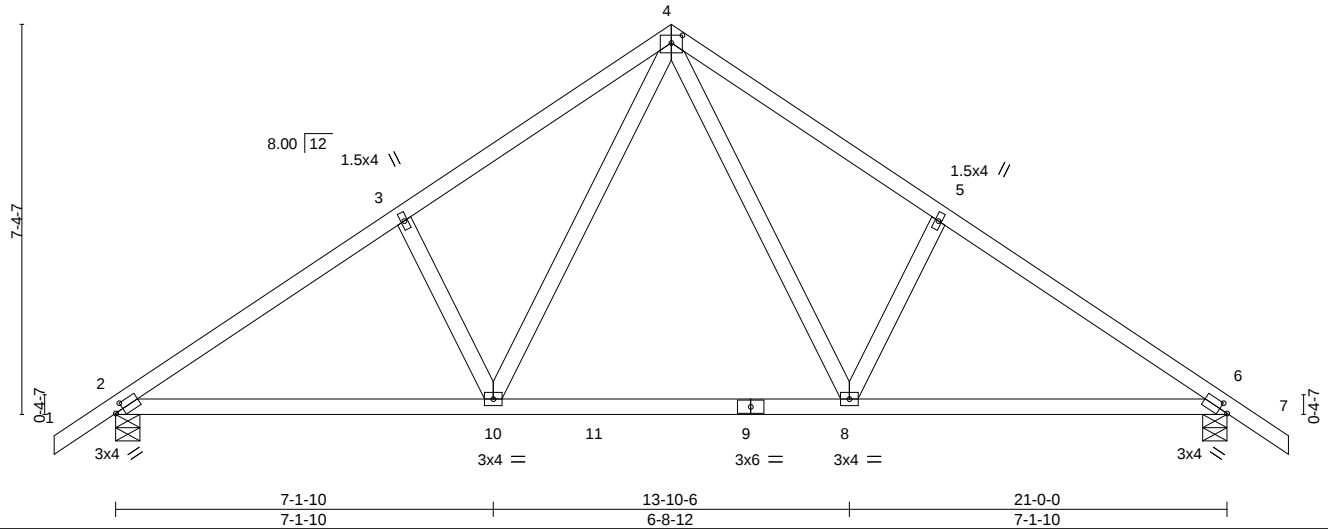


Plate Offsets (X,Y)-- [2:0-1-15,0-1-8], [4:0-2-8,0-1-12], [6:0-1-15,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.49 BC 0.47 WB 0.15 Matrix-SH	in (loc) l/defl L/d Vert(LL) -0.10 8-10 >999 360 Vert(CT) -0.14 8-10 >999 240 Horz(CT) 0.03 6 n/a n/a	MT20	185/148
TCDL 8.0 BCLL 0.0 * BCDL 7.0	Rep Stress Incr YES Code IRC2018/TPI2014			Weight: 84 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF No.2 *Except*
5-8,3-10: 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 6=0-5-8
Max Horz 2=-131(LC 8)
Max Uplift 2=-61(LC 10), 6=-61(LC 11)
Max Grav 2=990(LC 3), 6=990(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1306/70, 3-4=-1210/117, 4-5=-1211/118, 5-6=-1306/70
BOT CHORD 2-10=-71/1061, 8-10=0/699, 6-8=0/1032
WEBS 4-8=-71/586, 5-8=-403/133, 4-10=-71/585, 3-10=-403/133

NOTES- (9)
1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 7.0psf.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.
8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) All dimensions given in feet-inches-sixteenths (FPISS) format.



July 12, 2021

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Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss B3	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864697
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-J9uP6mMw1tdsFsQG2RuPHuHLkvFailD0YZUfy4yzn6Q

Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:43 2021 Page 1

1-1-15 5-6-0 10-6-0 21-0-0 22-1-15
1-1-15 5-6-0 5-0-0 10-6-0 1-1-15

Scale = 1:50.3

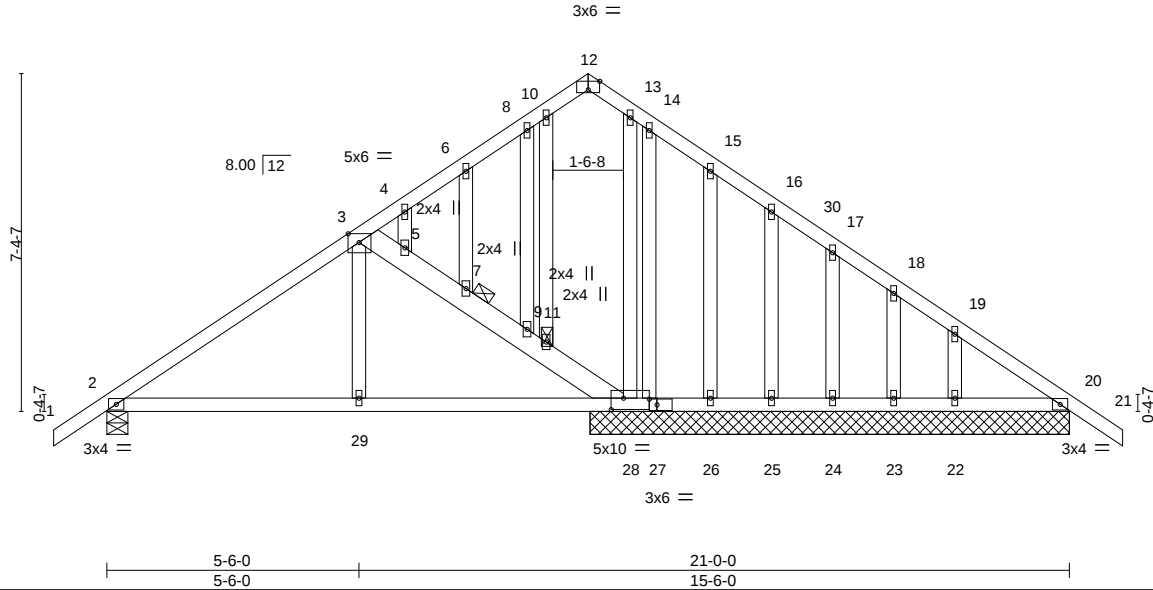


Plate Offsets (X,Y)-- [3:0-2-14,Edge], [12:0-3-0,Edge], [27:0-2-0,0-1-8], [28:0-3-4-0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.36	in (loc) l/defl L/d	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.26	Vert(LL) -0.02 28-29 >999 360		
TCDL 8.0	Lumber DOL 1.15	WB 0.13	Vert(CT) -0.04 28-29 >999 240		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.01 20 n/a n/a		
BCDL 7.0	Code IRC2018/TPI2014			Weight: 125 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2 *Except*
3-28: 2x6 DF SS
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud
OTHERS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 2-29,28-29.
JOINTS 1 Brace at Jt(s): 11, 7

REACTIONS. All bearings 10-5-8 except (jt=length) 2=0-5-8.
(lb) - Max Horz 2=131(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 2, 28, 26, 25, 24, 23, 22
Max Grav All reactions 250 lb or less at joint(s) 20, 26, 25, 24, 23, 22 except 2=617(LC 17), 28=692(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-694/17, 3-5=-420/82, 5-7=-467/92, 7-9=-544/114, 9-11=-592/129, 11-28=-601/119
BOT CHORD 2-29=-32/494, 28-29=-33/492

- NOTES-** (13)
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) 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.
 - 3) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 6) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 7) Gable studs spaced at 1-4-0 oc.
 - 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 9) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 28, 26, 25, 24, 23, 22.
 - 11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - 13) All dimensions given in feet-inches-sixteenths (FFI/SS) format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component**
Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

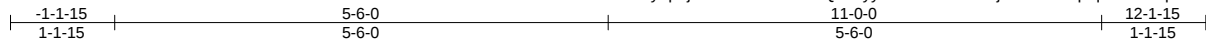


Job J1042066	Truss C1	Truss Type COMMON TRUSS	Qty 2	Ply 1	Presidential Homes LLC I13864698
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The Truss Company (Sumner), Sumner, WA - 98390,

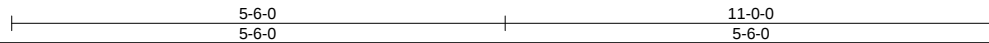
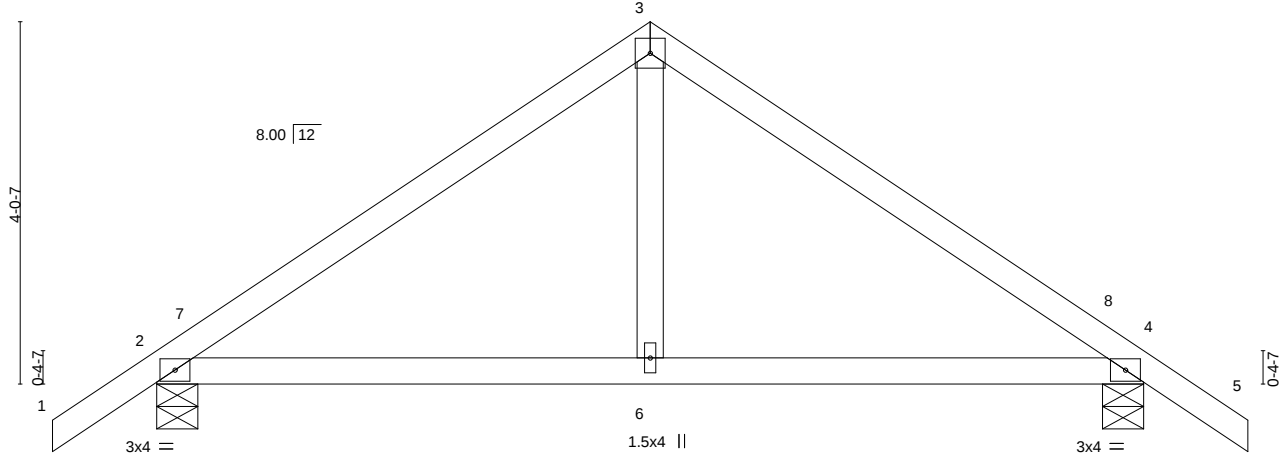
Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:44 2021 Page 1
ID:zS5y2phjwikODheHoUuC?Qze0yy-nMSnK6NYoBlj0?Tc9Peq6qOVJcCRpKAnDEDUWyzn6P



4x4 =

Scale = 1:25.7



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.87	in (loc) l/defl L/d	MT20	185/148
TCDL 8.0	Plate Grip DOL 1.15	BC 0.23	Vert(LL) -0.02 4-6 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.08	Vert(CT) -0.04 4-6 >999 240		
BCDL 7.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.01 4 n/a n/a		
	Code IRC2018/TPI2014			Weight: 36 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 4=0-5-8
Max Horz 2=-75(LC 8)
Max Uplift 2=-40(LC 10), 4=-40(LC 11)
Max Grav 2=626(LC 17), 4=626(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-548/24, 3-4=-548/24
BOT CHORD 2-6=0/314, 4-6=0/314

- NOTES-** (9)
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
 - 8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 9) All dimensions given in feet-inches-sixteenths (FFI/ISS) format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component**
Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



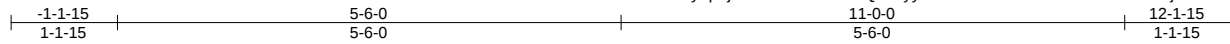
Job J1042066	Truss C2	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864699
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The Truss Company (Sumner), Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuc?Qze0yy-FY?9XSOBZVtaUAafAswtNJMIY?7tAHAJ0tzm0yyzn6O

Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:45 2021 Page 1



Scale = 1:25.2

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.09	Vert(LL)	0.00	11	n/r	MT20	185/148
TCDL 8.0	Plate Grip DOL 1.15	BC 0.01	Vert(CT)	0.00	11	n/r		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.04	Horz(CT)	0.00	10	n/a		
BCDL 7.0	Rep Stress Incr YES	Matrix-P						
	Code IRC2018/TPI2014						Weight: 48 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
OTHERS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 11-0-0.
(lb) - Max Horz 2=-75(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 16, 17, 18, 14, 13, 12
Max Grav All reactions 250 lb or less at joint(s) 2, 10, 15, 16, 17, 18, 14, 13, 12

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (13)

- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) 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.
- 3) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 6) All plates are 1.5x4 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Gable studs spaced at 1-4-0 oc.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 16, 17, 18, 14, 13, 12.
- 12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 13) All dimensions given in feet-inches-sixteenths (FFI)SS format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult

ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component

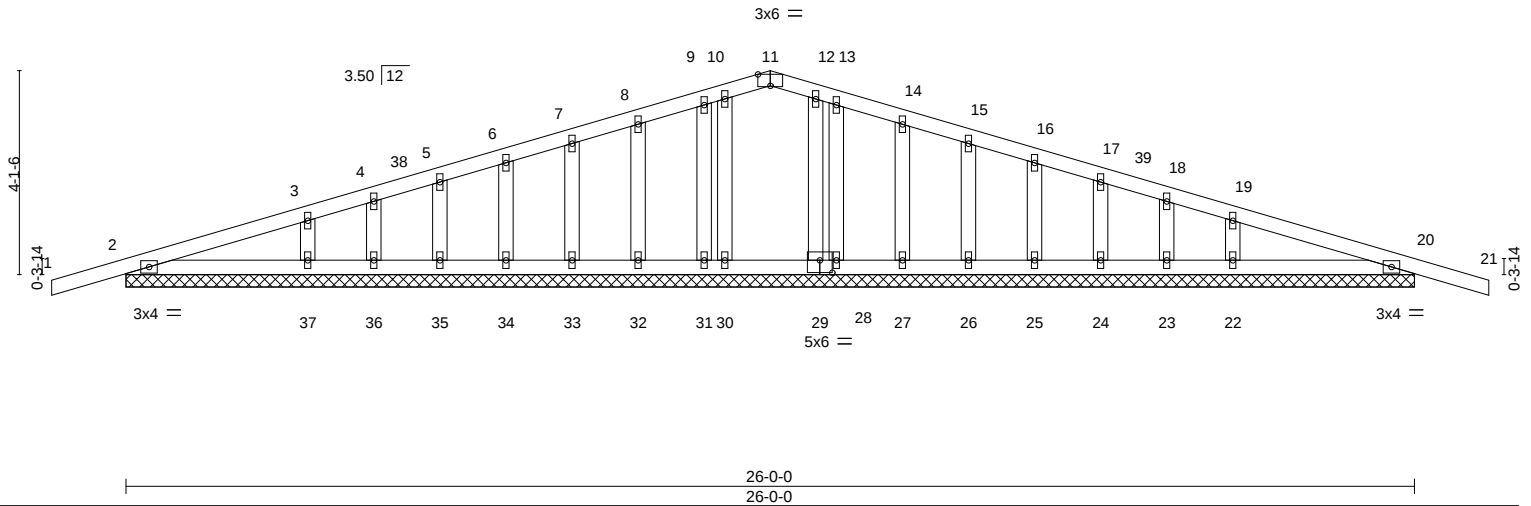
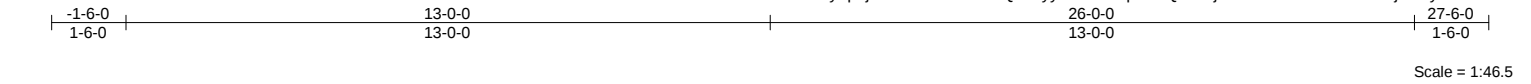
Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss D1	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864700
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The Truss Company (Sumner), Sumner, WA - 98390,

ID: zS5y2phjwikODheHoUuC?Qze0yy-kkZxIoPpKo?Q6K9jaR6vWvS6KFvkOSEXjJZOyzn6N
6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:46 2021 Page 1



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.14	in (loc) l/defl L/d	MT20	185/148
TCDL 8.0	Plate Grip DOL 1.15	BC 0.07	Vert(LL) 0.00 21 n/r 120		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.04	Vert(CT) 0.00 21 n/r 90		
BCDL 7.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.00 20 n/a n/a		
	Code IRC2018/TPI2014			Weight: 106 lb	FT = 20%

LUMBER-	BRACING-
TOP CHORD 2x4 HF No.2	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 HF No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 HF Stud	

REACTIONS. All bearings 26-0-0.
(lb) - Max Horz 2=48(LC 15)
Max Uplift All uplift 100 lb or less at joint(s) 2, 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22, 20
Max Grav All reactions 250 lb or less at joint(s) 2, 30, 29, 31, 32, 33, 34, 35, 36, 28, 27, 26, 25, 24, 23, 20 except 37=259(LC 1), 22=259(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (13)

- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) 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.
- 3) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 4) Unbalanced snow loads have been considered for this design.
- 5) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 6) All plates are 1.5x4 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Gable studs spaced at 1-4-0 oc.
- 9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 10) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 31, 32, 33, 34, 35, 36, 37, 28, 27, 26, 25, 24, 23, 22, 20.
- 12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 13) All dimensions given in feet-inches-sixteenths (FFI)SS format.



July 12, 2021

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Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss D2	Truss Type FINK	Qty 3	Ply 1	Presidential Homes LLC	I13864701
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-Cx7vy8PR568HkUj1HHyLSkSx_WVwe7mcTBSi5ryzn6M

Job Reference (optional)

6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:47 2021 Page 1

-1-6-0	7-4-2	13-0-0	18-7-14	26-0-0	27-6-0
1-6-0	7-4-2	5-7-14	5-7-14	7-4-2	1-6-0

Scale = 1:46.5

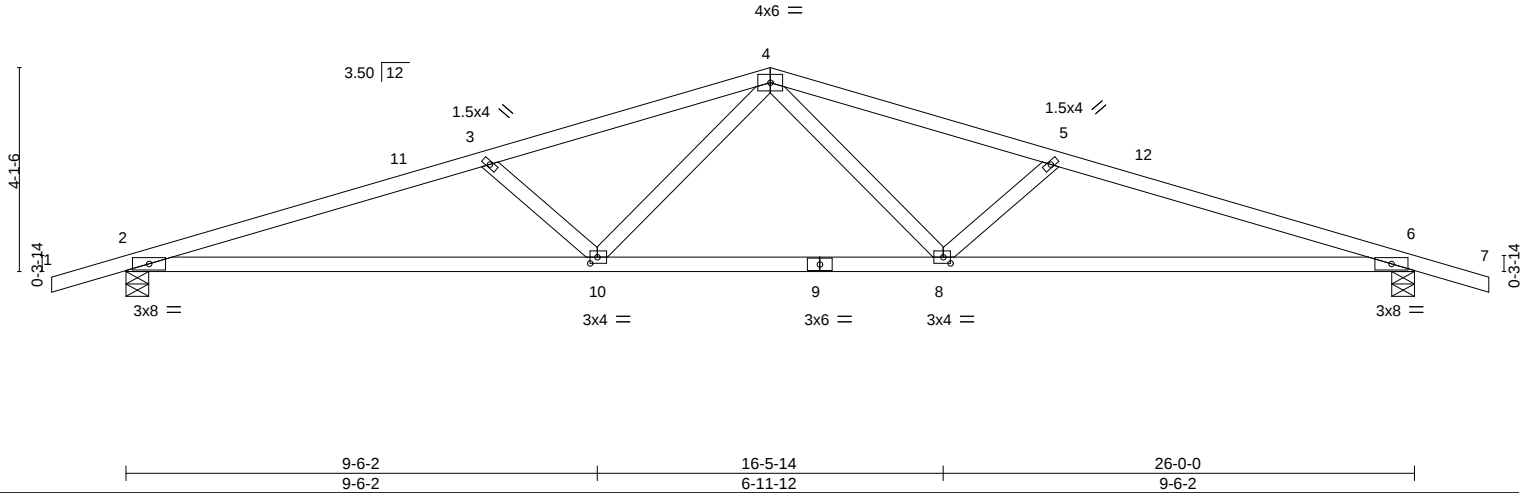


Plate Offsets (X,Y)-- [8:0-1-12,0-1-8], [10:0-1-12,0-1-8]												
LOADING (psf)		SPACING-		CSI.		DEFL.				PLATES		GRIP
TCLL	25.0	Plate Grip DOL	2-0-0	TC	0.73	in	(loc)	l/defl	L/d	MT20	185/148	
(Roof Snow=25.0)		Lumber DOL	1.15	BC	0.81	-0.25	2-10	>999	360			
TCDL	8.0	Rep Stress Incr	YES	WB	0.29	Vert(CT)	-0.49	2-10	>628	240		
BCCL	0.0 *	Code IRC2018/TPI2014		Matrix-SH		Horz(CT)	0.10	6	n/a	n/a		
BCDL	7.0											
										Weight: 84 lb	FT = 20%	

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-3-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-5-8, 2=0-5-8
Max Horz 2=-48(LC 15)
Max Uplift 6=-120(LC 7), 2=-120(LC 6)
Max Grav 6=1163(LC 18), 2=1163(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2763/194, 3-4=-2285/140, 4-5=-2285/140, 5-6=-2763/194
BOT CHORD 2-10=-175/2586, 8-10=-51/1703, 6-8=-132/2586
WEBS 3-10=-651/140, 4-10=-40/768, 4-8=-40/768, 5-8=-651/140

NOTES- (9)
1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 6=120, 2=120.
8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) All dimensions given in feet-inches-sixteenths (FIISS) format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component**
Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss E1	Truss Type MONOPITCH TRUSS	Qty 3	Ply 1	Presidential Homes LLC	I13864702
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-g7hHAUQ3sQG8LdIEr_Ta_x_BFWzjNeWlirCQdHyzn6L

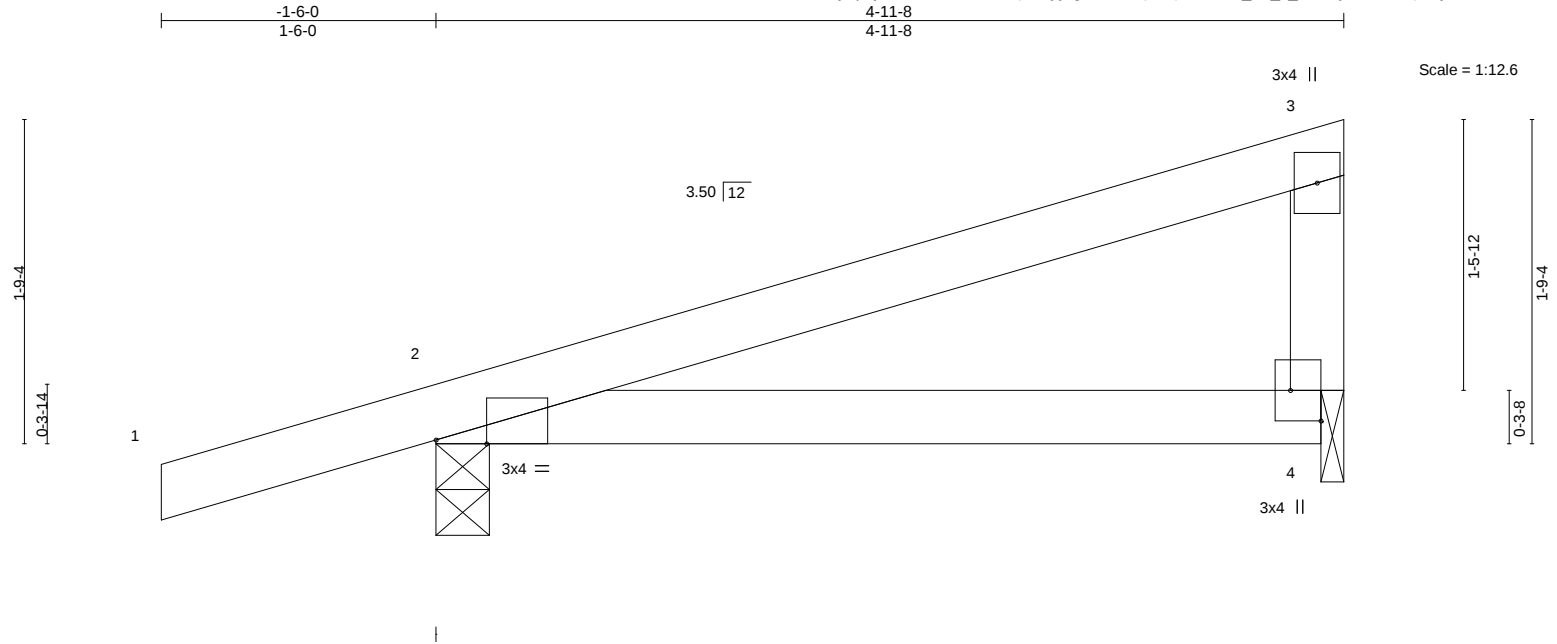


Plate Offsets (X,Y)-- [2:0-3-5,Edge], [4:Edge,0-2-0]

LOADING (psf)		SPACING-		2-0-0		CSI.		DEFL.				in (loc)		l/defl		L/d		PLATES		GRIP			
TCLL 25.0		Plate Grip DOL		1.15		TC 0.44		Vert(LL)				-0.03		2-4		>999		360		MT20		185/148	
(Roof Snow=25.0)		Lumber DOL		1.15		BC 0.20		Vert(CT)				-0.05		2-4		>999		240					
TCDL 8.0		Rep Stress Incr		YES		WB 0.00		Horz(CT)				-0.00		4		n/a		n/a					
BCLL 0.0 *		Code IRC2018/TPI2014				Matrix-P																	
BCDL 7.0																				Weight: 15 lb		FT = 20%	

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 4=0-1-8
Max Horz 2=46(LC 7)
Max Uplift 2=66(LC 6), 4=18(LC 10)
Max Grav 2=439(LC 17), 4=227(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- NOTES-** (11)
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) 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.
 - 8) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
 - 10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 11) All dimensions given in feet-inches-sixteenths (FFI/SS) format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component**
Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

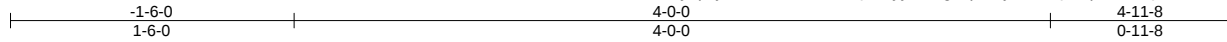


Job J1042066	Truss E2	Truss Type MONOPITCH TRUSS	Qty 4	Ply 1	Presidential Homes LLC	113864703
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID: zS5y2phjwikODHeHoUuC?Qze0yy-8JFgNqRhjdJO?zntQPri?pX9XOQKKO65KvwVx_9jyzn6K
8,430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:49 2021 Page 1



Scale = 1:12.2

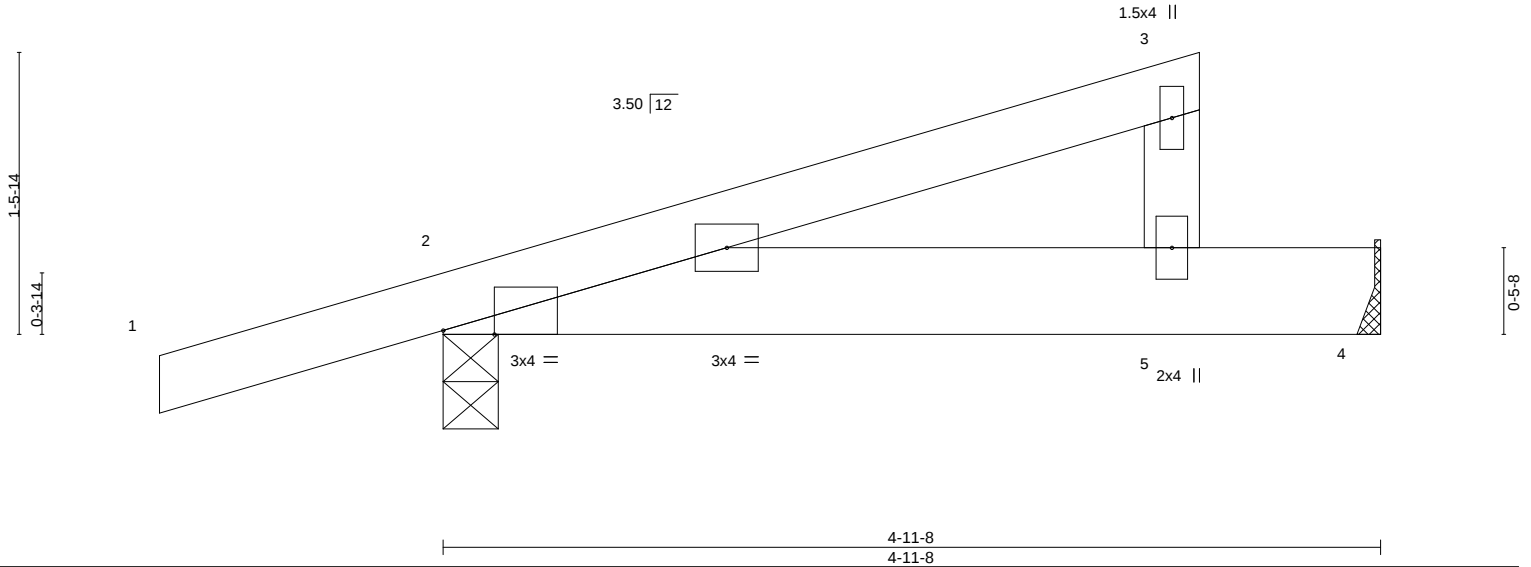


Plate Offsets (X,Y)-- [2:0-3-4,Edge]									
LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in (loc)	l/defl	L/d
TCLL 25.0		Plate Grip DOL	1.15	TC	0.29	Vert(LL)	-0.01 2-5	>999	360
(Roof Snow=25.0)		Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.02 2-5	>999	240
TCDL 8.0		Rep Stress Incr	NO	WB	0.03	Horz(CT)	0.00	n/a	n/a
BCLL 0.0 *		Code IRC2018/TPI2014		Matrix-P					
BCDL 7.0									
								Weight: 18 lb FT = 20%	

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x6 DF SS
WEBS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-3-8, 4=Mechanical
Max Horz 2=45(LC 6)
Max Uplift 2=68(LC 6), 4=17(LC 10)
Max Grav 2=469(LC 17), 4=277(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (12)

- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
- 9) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 170 lb down and 18 lb up at 4-1-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
- 12) All dimensions given in feet-inches-sixteenths (FIFISS) format.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-66, 2-4=-14
Concentrated Loads (lb)
Vert: 5=-170(F)



July 12, 2021



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.

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Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss F1	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864704
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-8JFgNqRhjdjO?zntQPi?pX9XLQKLl65mwVx_9jyzn6K
8,430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:49 2021 Page 1

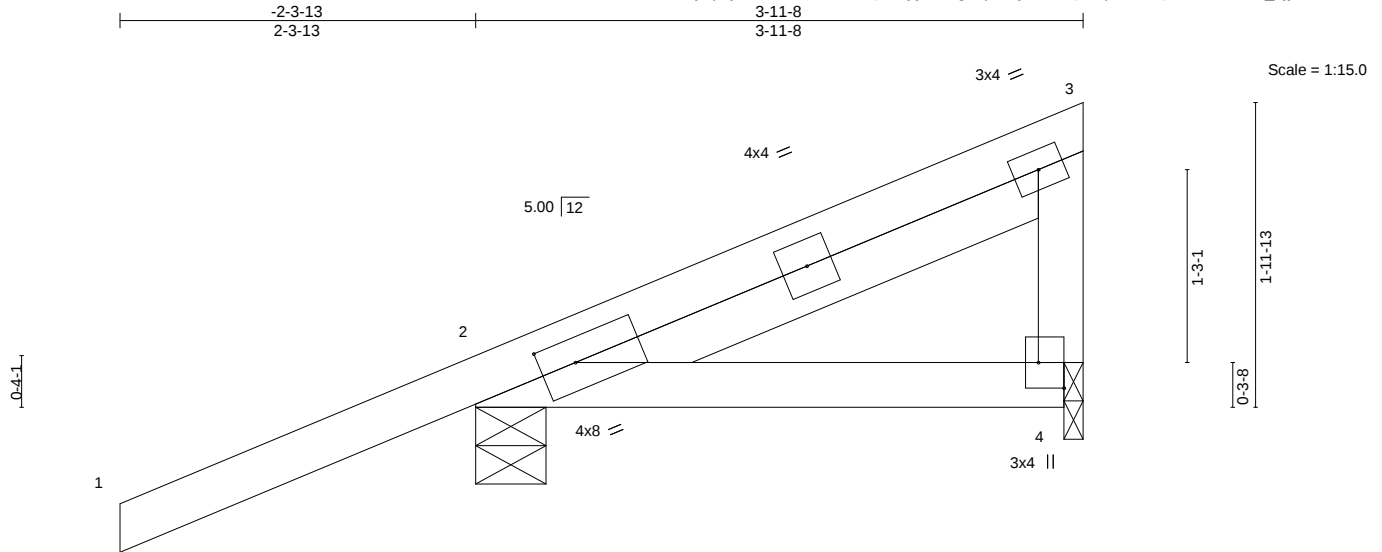


Plate Offsets (X,Y)-- [2:0-2-12,0-1-14], [4:Edge,0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.48	Vert(LL)	-0.01	2-4	>999	360	MT20	185/148
TCDL 8.0	Plate Grip DOL 1.15	BC 0.11	Vert(CT)	-0.02	2-4	>999	240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Horz(CT)	-0.00	4	n/a	n/a		
BCDL 7.0	Rep Stress Incr YES	Matrix-P							
	Code IRC2018/TPI2014							Weight: 20 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 DF No.1&Btr
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 4=0-1-8
Max Horz 2=58(LC 9)
Max Uplift 2=65(LC 6), 4=6(LC 16)
Max Grav 2=554(LC 17), 4=114(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

- NOTES-** (13)
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCCL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) 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.
 - 3) TCCL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 6) Gable studs spaced at 1-4-0 oc.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 9) 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.
 - 10) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
 - 12) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 13) All dimensions given in feet-inches-sixteenths (FIFISS) format.



July 12, 2021

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Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

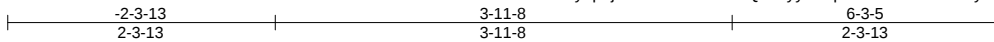


Job J1042066	Truss F2	Truss Type MONOPITCH TRUSS	Qty 5	Ply 1	Presidential Homes LLC	I13864705
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODHeHoUuC?Qze0yy-cWp2a9SJO1WsbxScyPW24M4U1khXrY0299hXiAyzn6J
6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:50 2021 Page 1



Scale = 1:20.0

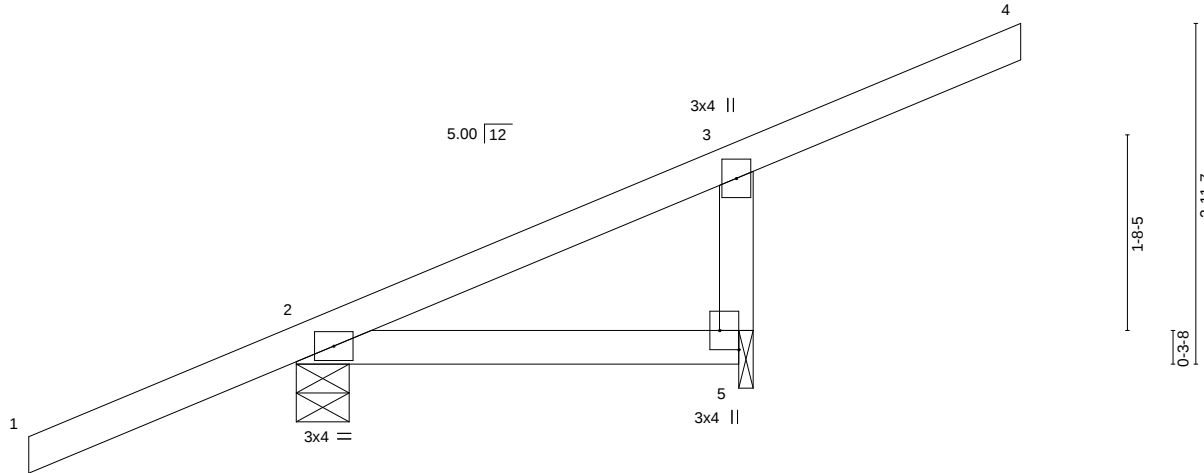


Plate Offsets (X,Y)-- [5:Edge,0-2-0]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	Plate Grip DOL	1.15	TC 0.62	Vert(LL)	-0.01 2-5	>999	360	MT20	185/148
TCDL 8.0	Lumber DOL	1.15	BC 0.11	Vert(CT)	-0.02 2-5	>999	240		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00 5	n/a	n/a		
BCDL 7.0	Code IRC2018/TPI2014		Matrix-P						
								Weight: 17 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-11-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 5=0-1-8
Max Horz 2=85(LC 7)
Max Uplift 2=-51(LC 6), 5=-75(LC 7)
Max Grav 2=348(LC 17), 5=480(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-5=-455/90

- NOTES-** (11)
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 8) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 5.
 - 10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 11) All dimensions given in feet-inches-sixteenths (FFI/SS) format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.

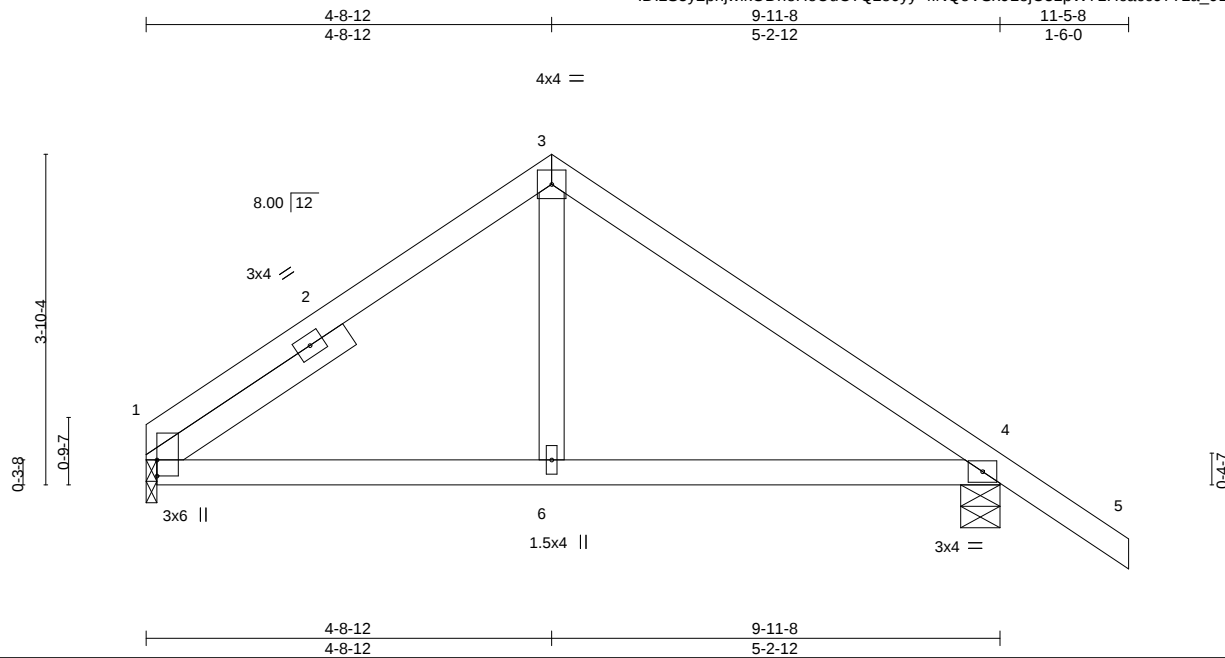
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult

Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component



Job J1042066	Truss G1	Truss Type COMMON TRUSS	Qty 4	Ply 1	Presidential Homes LLC	I13864706
The Truss Company (Sumner), Sumner, WA - 98390,						Job Reference (optional) 8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:51 2021 Page 1 ID:zS5y2phjwikODHeHoUuC?Qze0yy-4iNQoVSx9LejC51pW71Hcacc97?La_9B0pQ4Ecyzn6l



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.72	in (loc) l/defl L/d	MT20	185/148
TCDL 8.0	Plate Grip DOL 1.15	BC 0.20	Vert(LL) -0.02 4-6 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.07	Vert(CT) -0.03 4-6 >999 240		
BCDL 7.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.00 4 n/a n/a		
	Code IRC2018/TPI2014			Weight: 35 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud
SLIDER Left 2x4 HF No.2 2-9-7

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-1-8, 4=0-5-8
Max Horz 1=-70(LC 8)
Max Uplift 1=-18(LC 10), 4=-45(LC 11)
Max Grav 1=497(LC 17), 4=634(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-3=-491/23, 3-4=-514/26
BOT CHORD 1-6=0/285, 4-6=0/285

- NOTES-** (11)
1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
7) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 1.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 4.
10) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
11) All dimensions given in feet-inches-sixteenths (FFI/SS) format.



July 12, 2021

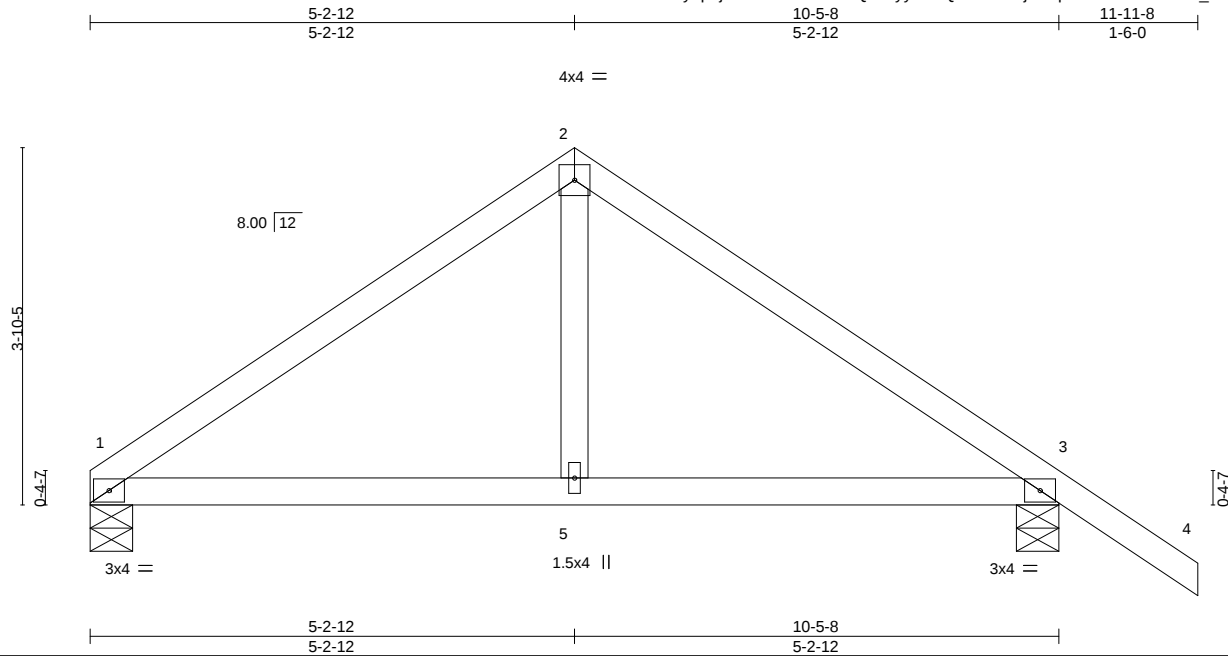
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
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Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss G2	Truss Type COMMON TRUSS	Qty 2	Ply 1	Presidential Homes LLC I13864707
Job Reference (optional) 6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:51 2021 Page 1					

The Truss Company (Sumner), Sumner, WA - 98390,

ID:zS5y2phjwkoDHeHoUuC?Qze0yy-4iNQoVSx9LejC51pW71HcacaA7?Ba_7B0pQ4Ecyzn6l



Scale = 1:24.9

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.85	in (loc) l/defl L/d	MT20	185/148
TCDL 8.0	Plate Grip DOL 1.15	BC 0.21	Vert(LL) -0.02 3-5 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.07	Vert(CT) -0.03 3-5 >999 240		
BCDL 7.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.01 3 n/a n/a		
	Code IRC2018/TPI2014			Weight: 33 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 1=0-5-8, 3=0-5-8
Max Horz 1=-70(LC 8)
Max Uplift 1=-19(LC 10), 3=-45(LC 11)
Max Grav 1=517(LC 17), 3=645(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-498/21, 2-3=-532/25
BOT CHORD 1-5=0/303, 3-5=0/303

- NOTES-** (9)
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
 - 8) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 9) All dimensions given in feet-inches-sixteenths (FFI/ISS) format.



July 12, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 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. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult **ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component**
Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Job J1042066	Truss G3	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864708
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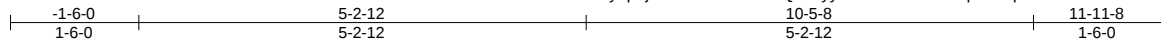
The Truss Company (Sumner),

Sumner, WA - 98390,

ID: zS5y2phjwikODHeHoUuC?Qze0yy-Yuxo?rTawemaqFc?4qYW9n9wiXLNJRNLdTAem2yzn6H

Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:58:52 2021 Page 1



5x8 =

Scale = 1:26.9

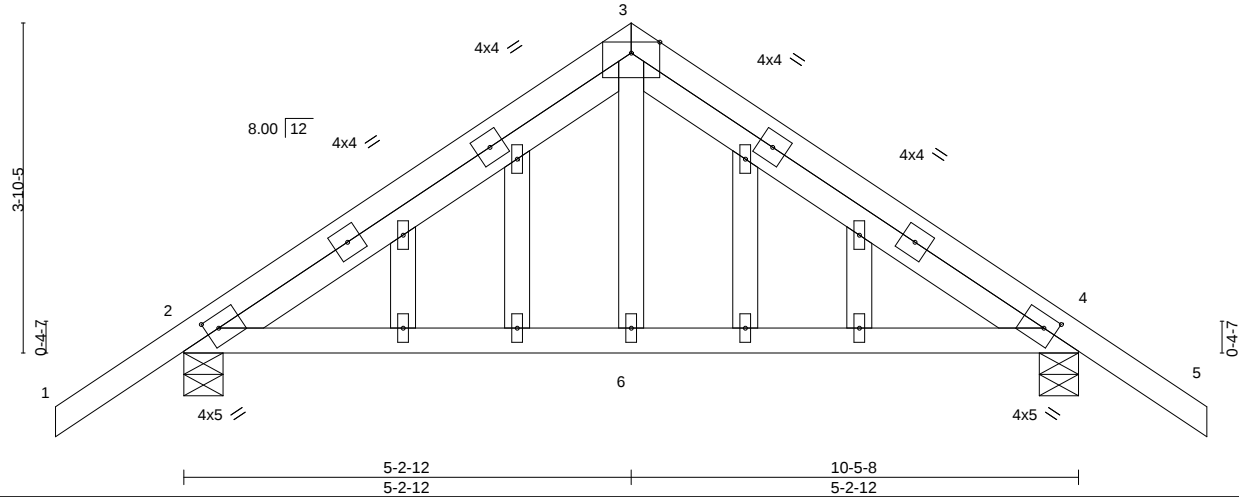


Plate Offsets (X,Y)-- [2:0-1-12,0-1-13], [4:0-1-12,0-1-13]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.16	in (loc) l/defl L/d	MT20	185/148
TCDL 8.0	Plate Grip DOL 1.15	BC 0.21	Vert(LL) -0.02 2-6 >999 360		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.07	Vert(CT) -0.03 2-6 >999 240		
BCDL 7.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.01 4 n/a n/a		
	Code IRC2018/TPI2014			Weight: 61 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 DF No.1&Btr
BOT CHORD 2x4 HF No.2
WEBS 2x4 HF Stud
OTHERS 2x4 HF Stud

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 2=0-5-8, 4=0-5-8
Max Horz 2=72(LC 9)
Max Uplift 2=45(LC 10), 4=45(LC 11)
Max Grav 2=642(LC 17), 4=640(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=533/18, 3-4=531/19
BOT CHORD 2-6=0/307, 4-6=0/306

- NOTES-** (12)
- 1) Wind: ASCE 7-16; Vult=110mph (3-second gust) Vasd=87mph; TCDL=4.8psf; BCDL=4.2psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) 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.
 - 3) TCLL: ASCE 7-16; Pf=25.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
 - 6) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 7) Gable studs spaced at 1-4-0 oc.
 - 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 9) * This truss has been designed for a live load of 23.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
 - 11) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - 12) All dimensions given in feet-inches-sixteenths (FFI/SS) format.



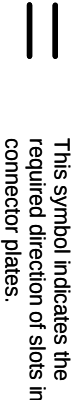
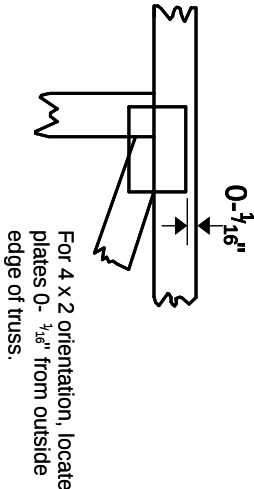
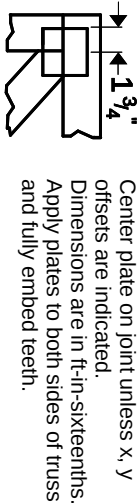
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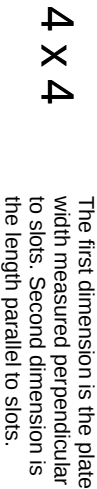
Symbols

PLATE LOCATION AND ORIENTATION

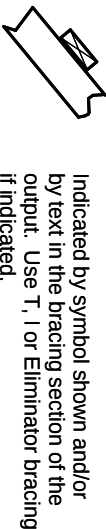


*** Plate location details available in MITek 20/20 software or upon request.**

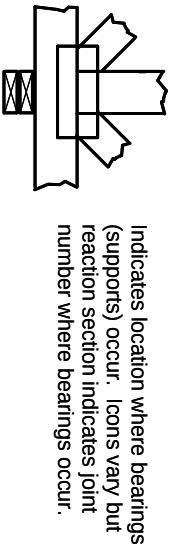
PLATE SIZE



LATERAL BRACING LOCATION

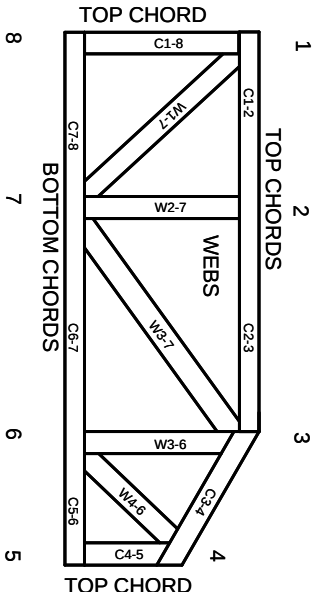


BEARING



Industry Standards:
ANSI/TP1.1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCS1.1: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:
ESR-1311, ESR-1352, ER-5243, 9604B, 9730, 95-43, 96-31, 9667A
NER-487, NER-561
95110, 84-32, 96-67, ER-3907, 9432A

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General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCS1.1.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and waite at joint locations are regulated by ANSI/TP1.1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP1.1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TP1.1 Quality Criteria.

