

Re: J1042066F
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: I13864653 thru I13864688

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



July 12, 2021

Terry Powell

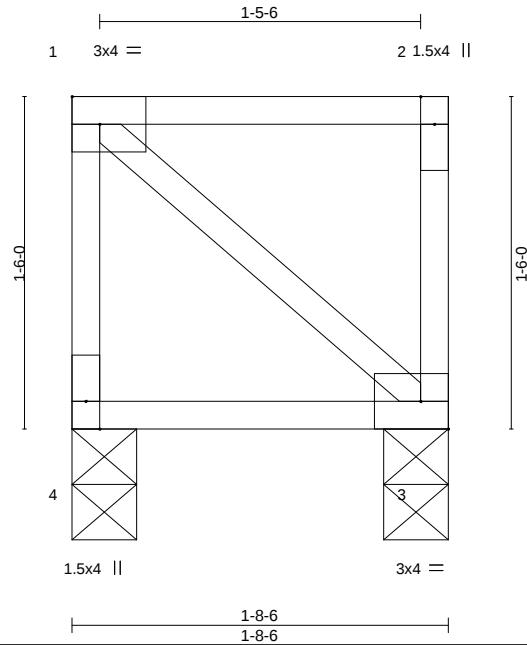
The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI 1.

Job J1042066F	Truss BP1	Truss Type FLOOR SUPPORTED GABL	Qty 10	Ply 1	Presidential Homes LLC I13864653
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-lrbExYwrHv4s2c_9ExpNVAo2DEB9sseyLC0Dqyzn9s
6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:03 2021 Page 1



Scale = 1:10.4

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 0.18	Vert(LL) 0.00 4 **** 480	MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.06	Vert(CT) -0.00 3-4 >999 360		
BCLL 0.0	Rep Stress Incr NO	WB 0.13	Horz(CT) 0.00 3 n/a n/a		
BCDL 10.0	Code IRC2018/TPI2014	Matrix-P			
				Weight: 10 lb	FT = 20%F, 9%E

LUMBER-

TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 1-8-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

(size) 4=0-3-8, 3=0-3-8
Max Uplift 4=-319(LC 6), 3=-319(LC 7)
Max Grav 4=375(LC 5), 3=375(LC 4)

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

TOP CHORD 1-4=-359/334, 1-2=-354/354
BOT CHORD 3-4=-354/354
WEBS 1-3=-522/522

NOTES- (6)

- Unbalanced floor live loads have been considered for this design.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 319 lb uplift at joint 4 and 319 lb uplift at joint 3.
- This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- This truss has been designed for a total drag load of 250 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-8-6 for 250.0 plf.
- Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
- 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

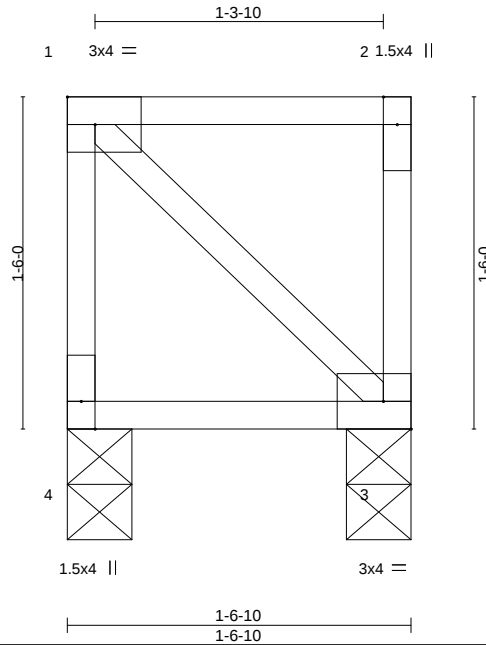


Job J1042066F	Truss BP2	Truss Type FLOOR SUPPORTED GABL	Qty 2	Ply 1	Presidential Homes LLC I13864654
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwIKODheHoUuC?Qze0yy-E19c9ujZcb1wTCABJyS2vjjzLdaWuJCnB?xZiGyzn9r
6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:04 2021 Page 1



Scale = 1:10.4

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 0.15	Vert(LL)	0.00	4	****	480	MT20	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.06	Vert(CT)	-0.00	3-4	>999	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.12	Horz(CT)	0.00	3	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-P						Weight: 9 lb	FT = 20%F, 9%E

LUMBER-

TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)

BRACING-

TOP CHORD Structural wood sheathing directly applied or 1-6-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

(size) 4=0-3-8, 3=0-3-8
Max Uplift 4=-321(LC 6), 3=-321(LC 7)
Max Grav 4=372(LC 5), 3=372(LC 4)

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

TOP CHORD 1-4=-358/335, 1-2=-321/321
BOT CHORD 3-4=-321/321
WEBS 1-3=-495/495

NOTES- (6)

- Unbalanced floor live loads have been considered for this design.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 321 lb uplift at joint 4 and 321 lb uplift at joint 3.
- This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- This truss has been designed for a total drag load of 250 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-6-10 for 250.0 plf.
- Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
- 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.

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



Job J1042066F	Truss F01	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864655
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The Truss Company (Sumner),

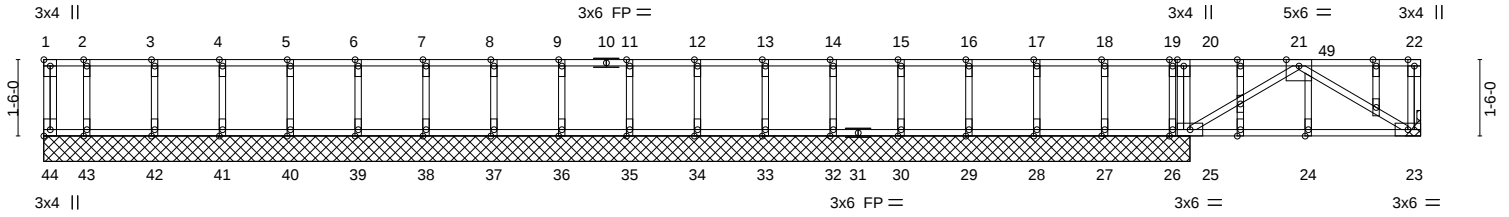
Sumner, WA - 98390,

Job Reference (optional)
6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:05 2021 Page 1
ID:zS5y2phjwikODheHoUuC?Qze0yy-iDj_MEjBNv9n5MINHfzHSwF3M1t5dh3wQfh7liyzn9q

22-0-4

2-1-11

Scale = 1:45.3



0-10-2	2-2-2	3-6-2	4-10-2	6-2-2	7-6-2	8-10-2	10-2-2	11-6-2	12-10-2	14-2-2	15-6-2	16-10-2	18-2-2	19-6-2	20-10-2	22-2-2	23-6-2	24-10-2	26-2-2	27-0-10
0-10-2	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	0-10-8

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [44:Edge,0-1-8]

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 0.45	Vert(LL)	-0.01	24	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.16	Vert(CT)	-0.02	24	>999	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.40	Horz(CT)	0.00	23	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-SH							
									Weight: 123 lb	FT = 20%F, 9%E

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

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

REACTIONS. All bearings 22-6-4 except (jt=length) 23=Mechanical.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 26=315(LC 4)
Max Grav All reactions 250 lb or less at joint(s) 44, 26 except 25=988(LC 4), 43=290(LC 1), 42=348(LC 1), 41=335(LC 1), 40=338(LC 1), 39=337(LC 1), 38=337(LC 1), 37=337(LC 1), 36=337(LC 1), 35=337(LC 1), 34=337(LC 1), 33=337(LC 1), 32=337(LC 1), 30=337(LC 1), 29=338(LC 3), 28=336(LC 1), 27=350(LC 3), 23=551(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
BOT CHORD 24-25=0/523, 23-24=0/523
WEBS 20-25=536/0, 21-25=612/0, 21-49=578/0, 23-49=614/0, 2-43=267/0, 3-42=321/0, 4-41=308/0, 5-40=311/0, 6-39=311/0, 7-38=311/0, 8-37=311/0, 9-36=311/0, 11-35=311/0, 12-34=311/0, 13-33=311/0, 14-32=311/0, 15-30=311/0, 16-29=311/0, 17-28=311/0, 18-27=321/0

NOTES- (9)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 1.5x4 MT20 unless otherwise indicated.
3) Gable studs spaced at 1-4-0 oc.
4) Refer to girder(s) for truss to truss connections.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 315 lb uplift at joint 26.
6) 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.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
8) CAUTION, Do not erect truss backwards.
9) All dimensions given in feet-inches-sixteenths (FFIIS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 23-44=-20, 1-22=-233



July 12, 2021

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



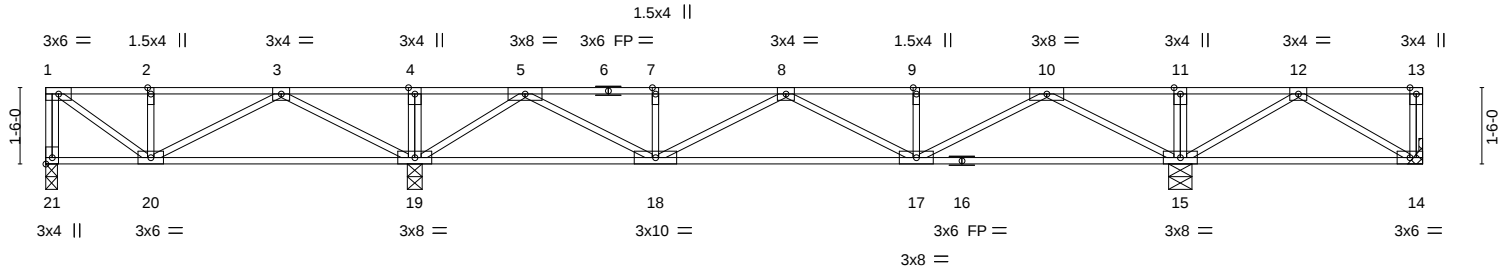
Job J1042066F	Truss F02	Truss Type FLOOR	Qty 2	Ply 1	Presidential Homes LLC I13864656
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The Truss Company (Sumner), Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-AQHMaakp8ClejWKZrNVW?7ToDzR8GM8y4fJQgq9yzn9p

Job Reference (optional)

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7-3-0	22-3-8	27-0-10
7-3-0	15-0-8	4-9-2

Plate Offsets (X,Y)-- [21:Edge,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.53	Vert(LL)	-0.07 17-18	>999	480	MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.49	Vert(CT)	-0.15 17-18	>999	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.42	Horz(CT)	0.01 15	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014	Matrix-SH						
							Weight: 121 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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 6-0-0 oc bracing.

REACTIONS. All bearings 0-2-12 except (jt=length) 19=0-3-8, 15=0-5-8, 14=Mechanical.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 21 except 14=275(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 14 except 21=324(LC 5), 19=1593(LC 3), 15=1566(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-21=-322/93, 1-2=-351/151, 2-3=-351/151, 3-4=0/1240, 4-5=0/1238, 5-7=-976/0, 7-8=-976/0, 8-9=-1065/0, 9-10=-1065/0, 10-11=0/1195, 11-12=0/1194
BOT CHORD 19-20=-607/202, 17-18=0/1260, 14-15=-558/45
WEBS 3-19=-1068/0, 3-20=0/518, 1-20=-185/431, 10-15=-1564/0, 10-17=0/980, 9-17=-254/0, 8-18=-347/0, 7-18=-261/0, 5-18=0/1100, 5-19=-1405/0, 12-15=-942/0, 12-14=-53/648

NOTES- (8)
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 21.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 21 except (jt=lb) 14=275.
5) 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.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
7) CAUTION, Do not erect truss backwards.
8) 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 J1042066F	Truss F03	Truss Type FLOOR	Qty 4	Ply 1	Presidential Homes LLC I13864657
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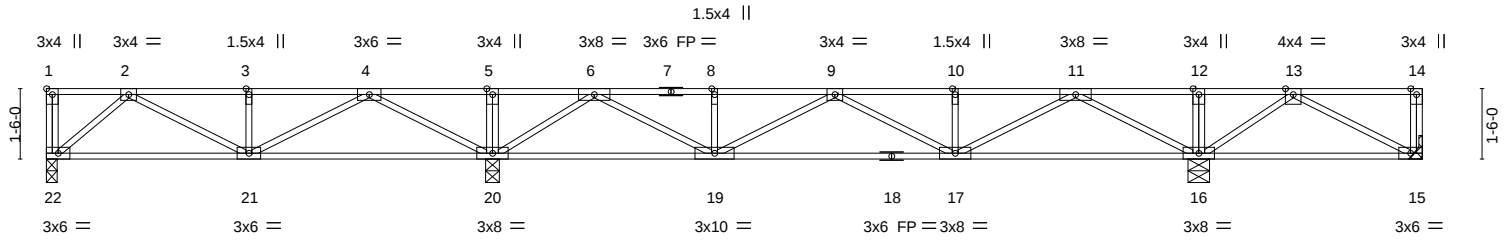
The Truss Company (Sumner), Sumner, WA - 98390,

Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:07 2021 Page 1
ID:zS5y2phjwikODheHoUuC?Qze0yy-ecqknvIRvWQVLgviO40IXLLOsrUV5b2DtzAEMbyzn9o



Scale = 1:49.1



9-6-0	24-6-8	29-3-10
9-6-0	15-0-8	4-9-2

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

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 0.54	Vert(LL)	-0.07 17-19	>999	480	MT20	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.49	Vert(CT)	-0.15 17-19	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.43	Horz(CT)	0.01 16	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-SH					Weight: 130 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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 6-0-0 oc bracing.

REACTIONS. All bearings 0-2-12 except (it=length) 20=0-3-8, 15=Mechanical, 16=0-5-8.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 15=274(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 15 except 22=462(LC 5), 20=1694(LC 3), 16=1570(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-709/176, 3-4=-709/176, 4-5=0/1343, 5-6=0/1341, 6-8=-987/0, 8-9=-987/0, 9-10=-1069/0, 10-11=-1069/0, 11-12=0/1209, 12-13=0/1207
BOT CHORD 21-22=-35/445, 20-21=-613/303, 17-19=0/1268, 15-16=-634/41
WEBS 4-20=-1261/0, 4-21=0/691, 3-21=-259/0, 2-21=-160/300, 2-22=-583/46, 11-16=-1569/0, 11-17=0/983, 10-17=-253/0, 9-19=-372/0, 8-19=-261/0, 6-19=0/1127, 6-20=-1422/0, 13-15=-477/16, 13-16=-898/0

NOTES- (8)
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 22.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 274 lb uplift at joint 15.
5) 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.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
7) CAUTION, Do not erect truss backwards.
8) All dimensions given in feet-inches-sixteenths (FFI/SS) format.



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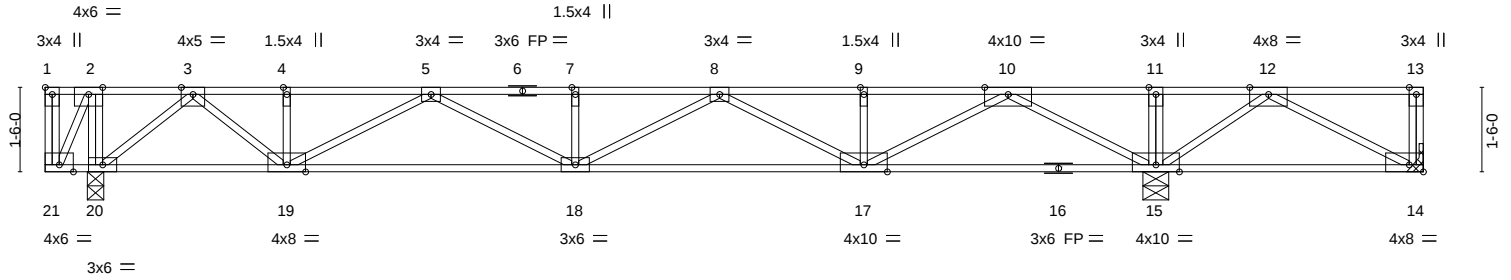
Job J1042066F	Truss F04	Truss Type FLOOR	Qty 2	Ply 1	Presidential Homes LLC I13864658
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The Truss Company (Sumner), Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-6oO7?Fm3gqYMyqUyyX_4YtY9EpAqz2N6dvnu1yzn9n



Scale = 1:40.9



0-10-12	19-8-12	24-5-12
0-10-12	18-10-0	4-9-0

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [14:Edge,0-1-8]

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 0.55	Vert(LL)	-0.14	18	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.52	Vert(CT)	-0.23	17-18	>975	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.71	Horz(CT)	0.03	15	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-SH						Weight: 122 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 DF No.1&Btr(flat)
BOT CHORD 2x4 DF No.1&Btr(flat)
WEBS 2x4 DF Stud(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 6-0-0 oc bracing.

REACTIONS. (size) 20=0-3-8, 14=Mechanical, 15=0-5-8
Max Uplift 14=-652(LC 6)
Max Grav 20=1040(LC 3), 14=17(LC 5), 15=2349(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-1875/0, 4-5=-1875/0, 5-7=-2749/0, 7-8=-2749/0, 8-9=-1318/0, 9-10=-1318/0, 10-11=0/2465, 11-12=0/2463
BOT CHORD 19-20=0/1058, 18-19=0/2558, 17-18=0/2275, 15-17=-322/0, 14-15=-1354/0
WEBS 10-15=-2423/0, 10-17=0/1832, 9-17=-253/0, 8-17=-1091/0, 8-18=0/544, 7-18=-252/0, 5-19=-779/0, 3-19=0/1062, 3-20=-1326/0, 12-14=0/1528, 12-15=-1552/0

NOTES- (7)
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 652 lb uplift at joint 14.
4) 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.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
6) CAUTION, Do not erect truss backwards.
7) All dimensions given in feet-inches-sixteenths (FFIIS) format.



July 12, 2021

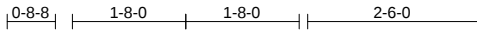
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper 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.



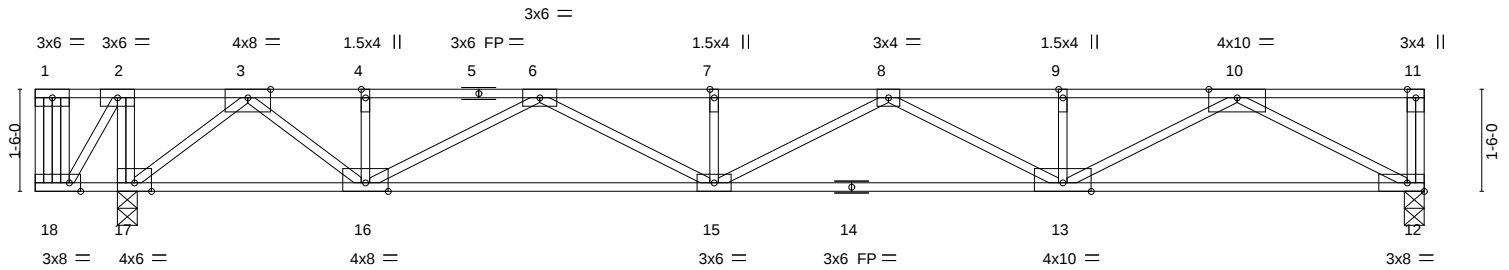
Job J1042066F	Truss F05	Truss Type Floor Girder	Qty 1	Ply 1	Presidential Homes LLC I13864659
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The Truss Company (Sumner), Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-a?yVCbmhR7gDaz38WV2DcmQh7e8nZTWLHfKRTyzn9m
8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:09 2021 Page 1



Scale = 1:33.9



1-2-8 1-4-0
1-2-8 0-1-8

20-5-0
19-1-0

Plate Offsets (X,Y)-- [18:0-2-0,Edge]

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 0.66	Vert(LL)	-0.18 13-15	>999	480	MT20	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.63	Vert(CT)	-0.29 15-16	>779	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.56	Horz(CT)	0.00	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-SH						
								Weight: 97 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-7-6 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 12=0-3-8, 17=0-3-8
Max Horz 12=-2691(LC 4), 17=2691(LC 4)
Max Grav 12=1131(LC 4), 17=1544(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-2352/0, 4-6=-2352/0, 6-7=-3900/0, 7-8=-3900/0, 8-9=-3159/0, 9-10=-3159/0
BOT CHORD 16-17=-1478/0, 15-16=0/692, 13-15=0/1108, 12-13=-806/0
WEBS 2-17=-452/0, 2-18=0/381, 10-12=-2127/0, 10-13=0/1447, 8-13=-708/0, 6-15=0/614, 6-16=-1195/0, 3-16=0/1388, 3-17=-1701/0

- NOTES-** (8)
- Unbalanced floor live loads have been considered for this design.
 - Non Standard bearing condition. Review required.
 - 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
 - CAUTION, Do not erect truss backwards.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 211 lb down at 0-3-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
 - All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-18=-20, 1-11=-100
Concentrated Loads (lb)
Vert: 1=-47 18=-211(F)



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.



8,430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:10 2021 Page 1
ID:zS5y2phjwikODheHoUuC?Qze0yy-2BWtPxnJCRo4C7eK4CZS9zzuN2VeltXgZxOuzwyzn9l

A horizontal number line with three tick marks. The first segment is labeled '2-2-4' and the second segment is labeled '2-2-4'.

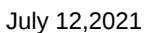
Diagram of a truss structure with 13 vertical joints and 21 horizontal joints. The structure is supported by a pin support at joint 1 and a roller support at joint 15. The height of the truss is 1.60. The joints are numbered 1 to 13 vertically and 21 to 14 horizontally. The members are labeled with their cross-sections: 3x6, 4x5, 1.5x4, 3x4, 3x6 FP, 4x10, 4x8, and 3x4. The diagram shows the truss members and the supports.

LUMBER-		BRACING-	
TOP CHORD	2x4 DF No.1&Btr(flat)	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	2x4 DF No.1&Btr(flat)	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	2x4 DF Stud(flat)		

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

TOP CHORD	3-4=-1870/0, 4-5=-1870/0, 5-7=-2744/0, 7-8=-2744/0, 8-9=-1312/0, 9-10=-1312/0, 10-11=0/2462, 11-12=0/2461
BOT CHORD	19-20=0/1054, 18-19=0/2553, 17-18=0/2269, 15-17=-323/0, 14-15=-1198/0
WEBS	11-15=-258/0, 10-15=-2428/0, 10-17=0/1834, 9-17=-254/0, 8-17=-1089/0, 8-18=0/544, 7-18=-252/0, 5-19=-781/0, 3-19=0/1063, 3-20=-1328/0, 12-15=-1674/0, 12-14=0/1394

- 1) Unbalanced floor live loads have been considered for this design.
- 2) Refer to girder(s) for truss to truss connections.
- 3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 657 lb uplift at joint 14.
- 4) 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.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
- 6) CAUTION, Do not erect truss backwards.
- 7) All dimensions given in feet-inches-sixteenths (FFIIS) format.



Job J1042066F	Truss F07	Truss Type FLOOR	Qty 2	Ply 1	Presidential Homes LLC I13864661
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-WN4FdHoyzIwXpHDXdw4hiBV_sSn61MLpob8RVMyzn9k

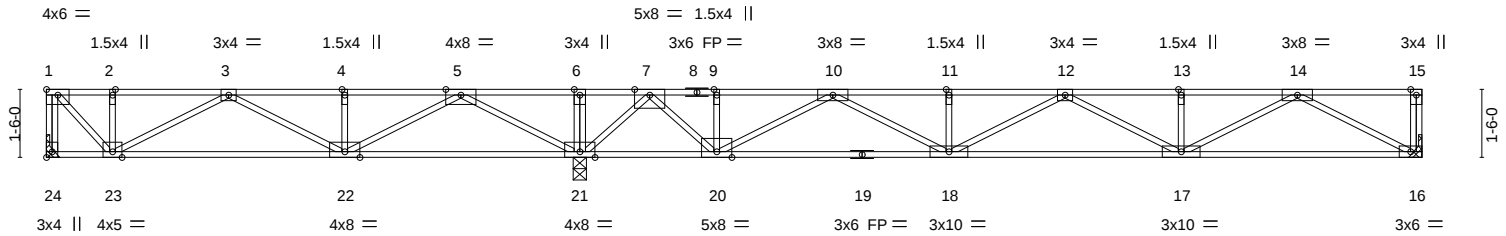
Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:11 2021 Page 1

1-1-12 2-6-0

1-5-0 1-5-0

Scale = 1:50.8



11-9-4

30-4-4

11-9-4

18-7-0

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [24:Edge,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.84	Vert(LL) -0.18	17-18	>999	480	MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.83	Vert(CT) -0.28	17-18	>792	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.61	Horz(CT) 0.04	16	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014	Matrix-SH						
							Weight: 135 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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 6-0-0 oc bracing.

REACTIONS. (size) 24=Mechanical, 21=0-3-8, 16=Mechanical
Max Uplift 24=-44(LC 4)
Max Grav 24=551(LC 3), 21=2323(LC 1), 16=935(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-24=-561/32, 1-2=-509/39, 2-3=-509/39, 3-4=-836/766, 4-5=-836/766, 5-6=0/2611, 6-7=0/2607, 7-9=-153/322, 9-10=-153/322, 10-11=-2435/0, 11-12=-2435/0, 12-13=-2422/0, 13-14=-2422/0
BOT CHORD 22-23=-353/919, 21-22=-1479/86, 20-21=-1287/0, 18-20=0/1540, 17-18=0/2671, 16-17=0/1503
WEBS 5-21=-1788/0, 5-22=0/1213, 4-22=-252/0, 3-22=-469/0, 3-23=-465/356, 1-23=-56/732, 14-16=-1697/0, 14-17=0/1042, 12-17=-283/18, 12-18=-322/0, 11-18=-252/0, 10-18=0/1071, 10-20=-1627/0, 7-20=0/1573, 7-21=-1760/0

NOTES- (7)
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 44 lb uplift at joint 24.
4) 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.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
6) CAUTION, Do not erect truss backwards.
7) 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 J1042066F	Truss F08	Truss Type FLOOR SUPPORTED GABL	Qty 1	Ply 1	Presidential Homes LLC	I13864662
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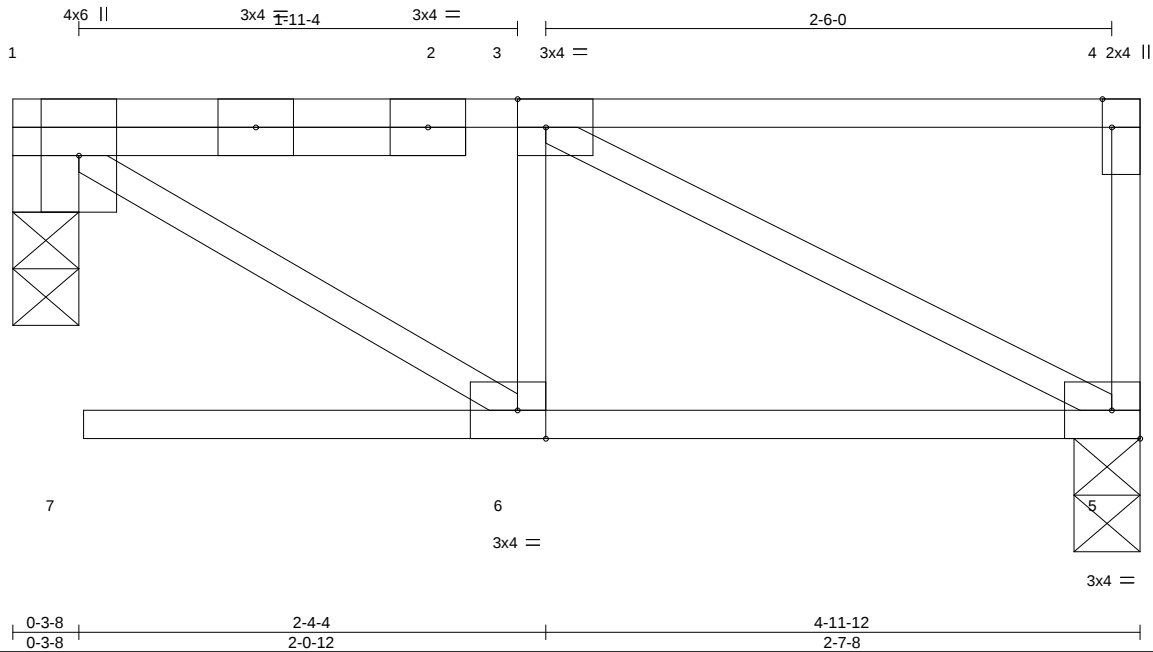
The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODHeHoUuc?Qze0yy~?aedqdpak22oRRojBdbwEO2ILsFNmwpY1Et?1oyzn9j

Job Reference (optional)

8,430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:12 2021 Page 1



Scale = 1:10.2

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.28	Vert(LL) -0.01	7	>999	480		MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.25	Vert(CT) -0.11	7	>504	360			
BCLL 0.0	Rep Stress Incr YES	WB 0.14	Horz(CT) 0.00	5	n/a	n/a			
BCDL 10.0	Code IRC2018/TPI2014	Matrix-SH							
								Weight: 25 lb	FT = 9%

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat) *Except*
1-8: 4x4 DF No.2(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-3-8, 8=0-3-8
Max Grav 5=286(LC 1), 8=283(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-283/0, 1-3=-320/0
BOT CHORD 5-6=0/318
WEBS 3-5=-339/0, 1-6=0/373

NOTES- (5)
1) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
4) CAUTION, Do not erect truss backwards.
5) 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 J1042066F	Truss F09	Truss Type FLOOR	Qty 6	Ply 1	Presidential Homes LLC	I13864663
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuc?Qze0yy~?aedqdpak22oRojBdbwEO2JjsGKmw2y1Et?1oyzn9j

Job Reference (optional)

8,430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:12 2021 Page 1

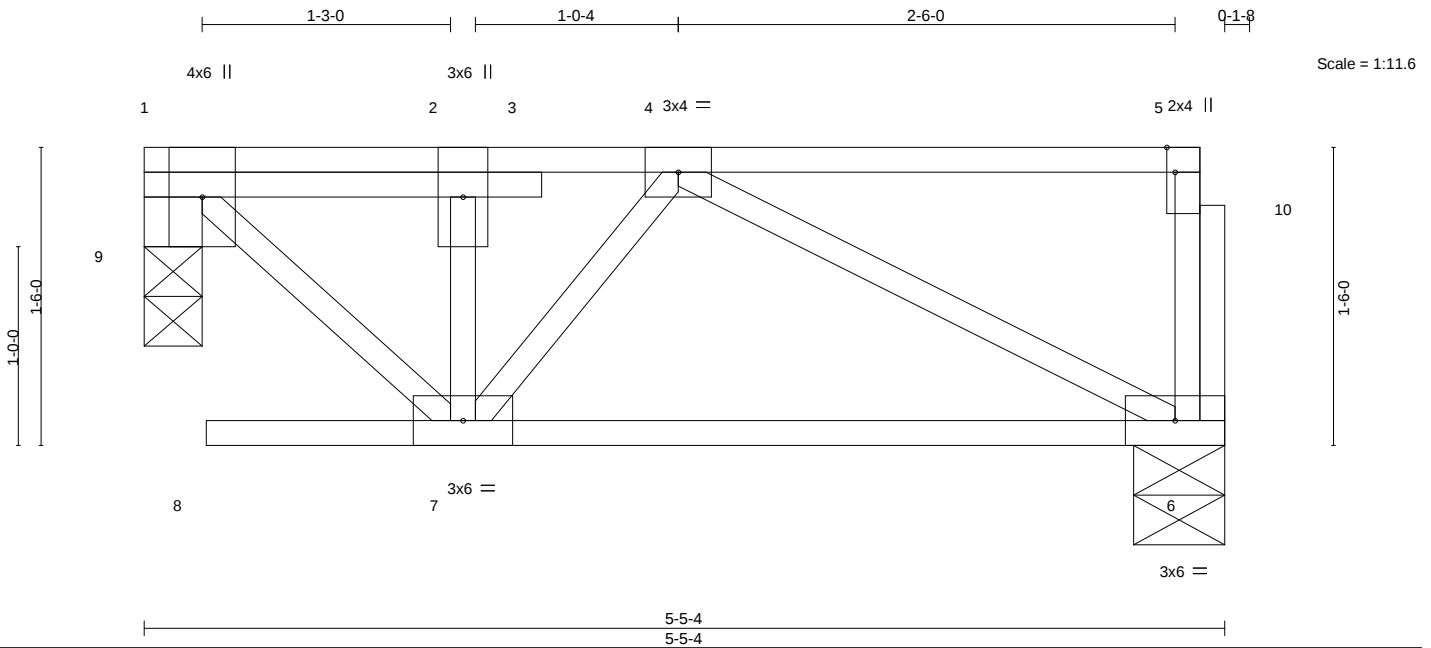


Plate Offsets (X,Y)-- [5:0-1-8,Edge]

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 0.25	Vert(LL)	-0.00	8	>999	480	MT20	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.19	Vert(CT)	-0.03	6-7	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.13	Horz(CT)	0.00	6	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-SH						Weight: 28 lb	FT = 9%

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat) *Except*
1-9: 4x4 DF No.2(flat)

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

REACTIONS. (size) 9=0-3-8, 6=0-5-8
Max Grav 9=307(LC 1), 6=304(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-9=-307/0
BOT CHORD 6-7=0/320
WEBS 1-7=0/333, 4-6=-323/0

NOTES- (6)
1) Attach ribbon block to truss with 3-10d nails applied to flat face.
2) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
5) CAUTION, Do not erect truss backwards.
6) All dimensions given in feet-inches-sixteenths (FFIIS) 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.

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



Job J1042066F	Truss F10	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864664
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuc?Qze0yy-TmC02zqCVMAf3bMvIL79ncaWcFe8VPZ6GudYaFyzn9i

Scale = 1:11.6

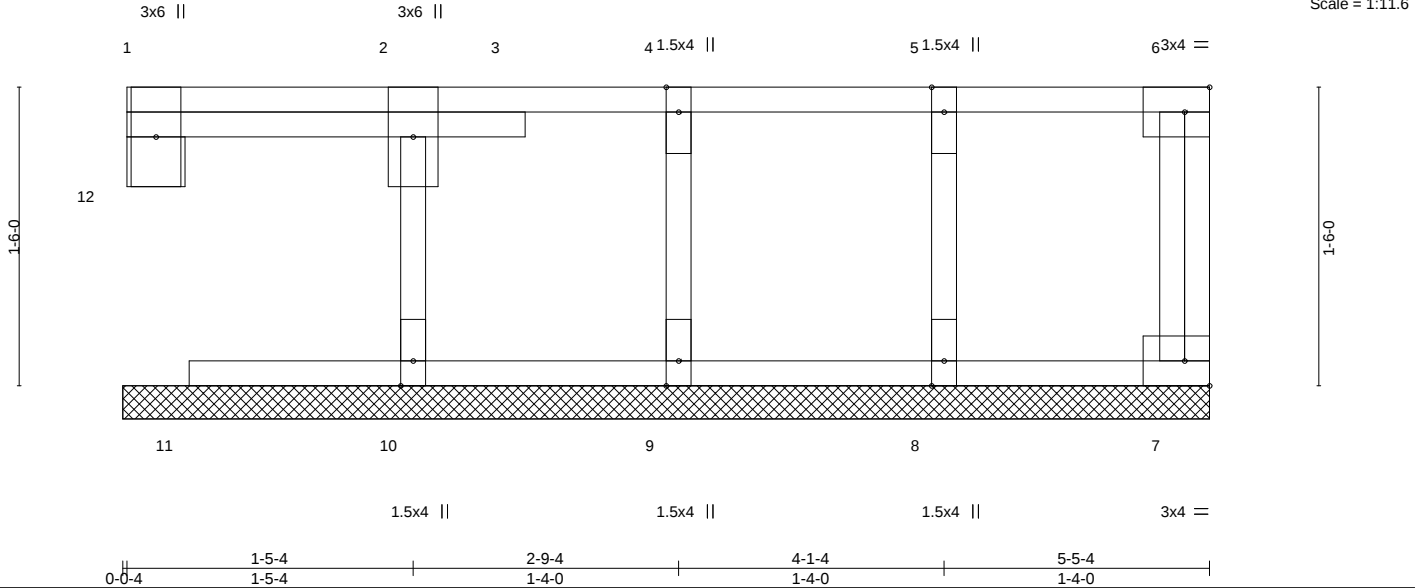


Plate Offsets (X,Y)-- [6:0-1-8,Edge]		1-5-4		2-9-4		4-1-4		5-5-4	
0-0-4		1-5-4		1-4-0		1-4-0		1-4-0	
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.12	Vert(LL)	n/a	-	n/a	999	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.02	Vert(CT)	n/a	-	n/a	999	
BCLL 0.0	Rep Stress Incr	NO	WB 0.05	Horz(CT)	0.01	11	n/a	n/a	
BCDL 10.0	Code IRC2018/TPI2014		Matrix-R						
								Weight: 24 lb	FT = 9%

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat) *Except*
1-12: 4x4 DF No.2(flat)
OTHERS 2x4 DF Stud(flat)

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

REACTIONS. All bearings 5-5-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 11, 7, 12, 10, 9, 8

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

NOTES- (8)
1) Gable requires continuous bottom chord bearing.
2) Gable studs spaced at 1-4-0 oc.
3) Bearing at joint(s) 12 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
4) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 12.
5) 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.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
7) CAUTION, Do not erect truss backwards.
8) All dimensions given in feet-inches-sixteenths (FFIIS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 7-11=-20, 1-6=-143



July 12, 2021

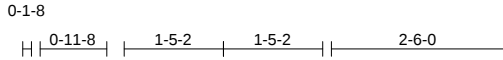
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper 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.



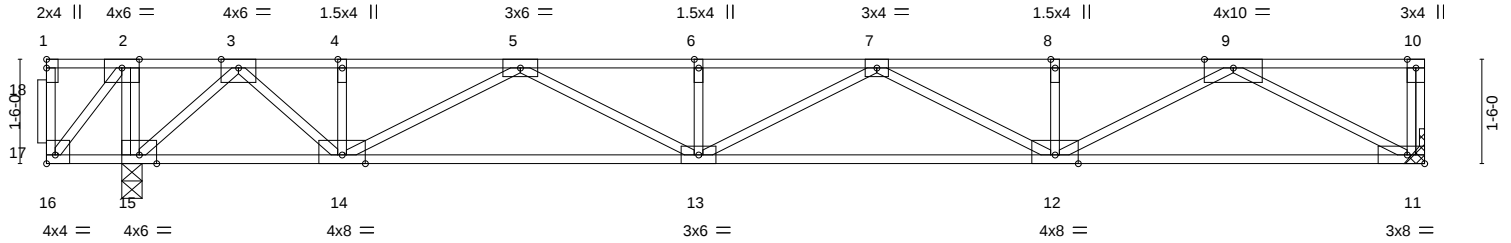
Job J1042066F	Truss F11	Truss Type FLOOR	Qty 6	Ply 1	Presidential Homes LLC 113864665
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The Truss Company (Sumner), Sumner, WA - 98390,

ID:zS5y2phjwikODHeHoUuC?Qze0yy-TmC02zqCVMAf3bMvIL79ncaO1FWoVHn6GudYaFyzn9i
8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:13 2021 Page 1



Scale = 1:33.1



1-2-8 1-4-0	19-11-4
1-2-8 0-1-8	18-7-4

LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL	40.0	Plate Grip DOL	2-0-0	TC	0.60	in (loc)	l/defl	L/d	MT20	185/148	
TCDL	10.0	Lumber DOL	1.00	BC	0.56	Vert(LL)	-0.16 12-13	>999	480		
BCLL	0.0	Rep Stress Incr	NO	WB	0.55	Vert(CT)	-0.26 13-14	>841	360		
BCDL	10.0	Code IRC2018/TPI2014		Matrix-SH		Horz(CT)	0.00	n/a	n/a		
								Weight: 91 lb FT = 20%F, 9%E			

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 11=Mechanical, 15=0-3-8
Max Horz 11=-2536(LC 4), 15=-2536(LC 4)
Max Grav 11=1099(LC 4), 15=1675(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-16=-445/0, 2-3=0/374, 3-4=-1989/0, 4-5=-1989/0, 5-6=-3659/0, 6-7=-3659/0, 7-8=-3038/0, 8-9=-3038/0
BOT CHORD 15-16=-374/0, 14-15=-1604/0, 13-14=0/544, 12-13=0/1086, 11-12=-713/0
WEBS 2-15=-598/0, 2-16=0/585, 9-11=-2057/0, 9-12=0/1379, 7-12=-639/0, 5-13=0/698, 5-14=-1278/0, 3-14=0/1321, 3-15=-1557/0

NOTES- (8)
1) Unbalanced floor live loads have been considered for this design.
2) Attach ribbon block to truss with 3-10d nails applied to flat face.
3) Refer to girder(s) for truss to truss connections.
4) Non Standard bearing condition. Review required.
5) 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.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
7) CAUTION, Do not erect truss backwards.
8) All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 11-16=-20, 1-10=-100
Concentrated Loads (lb)
Vert: 1=-400



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 J1042066F	Truss F12	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC I13864666
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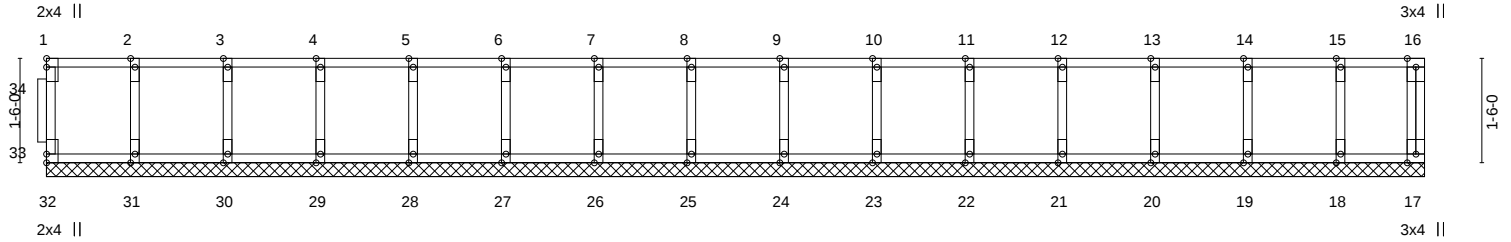
The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODHeHoUuC?Qze0yy-xymOFJqqGglWglx6J2eOJp7h7f_UeS5FUYM56hyzn9h

0-1-8

Scale = 1:33.1



0-1-8 1-4-12	2-8-12	4-0-12	5-4-12	6-8-12	8-0-12	9-4-12	10-8-12	12-0-12	13-4-12	14-8-12	16-0-12	17-4-12	18-8-12	19-11-4
0-1-8 1-3-4	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-2-8
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 0.07		Vert(LL)		n/a	-	n/a	MT20		185/148	
TCDL 10.0	Lumber DOL		1.00	BC 0.02		Vert(CT)		n/a	-	n/a				
BCLL 0.0	Rep Stress Incr		YES	WB 0.03		Horz(CT)		0.00	17	n/a				
BCDL 10.0	Code IRC2018/TPI2014			Matrix-R							Weight: 76 lb		FT = 20%F, 9%E	

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)
OTHERS 2x4 DF Stud(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. All bearings 19-9-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 32, 17, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19, 18

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

NOTES- (9)
1) All plates are 1.5x4 MT20 unless otherwise indicated.
2) Attach ribbon block to truss with 3-10d nails applied to flat face.
3) Gable requires continuous bottom chord bearing.
4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
5) Gable studs spaced at 1-4-0 oc.
6) 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.
7) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
8) CAUTION, Do not erect truss backwards.
9) 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 J1042066F	Truss F13	Truss Type FLOOR	Qty 1	Ply 1	Presidential Homes LLC	I13864667
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-xymOFJqqGglWglx6J2eOJp7gbfXFesvFUYM56hyzn9h

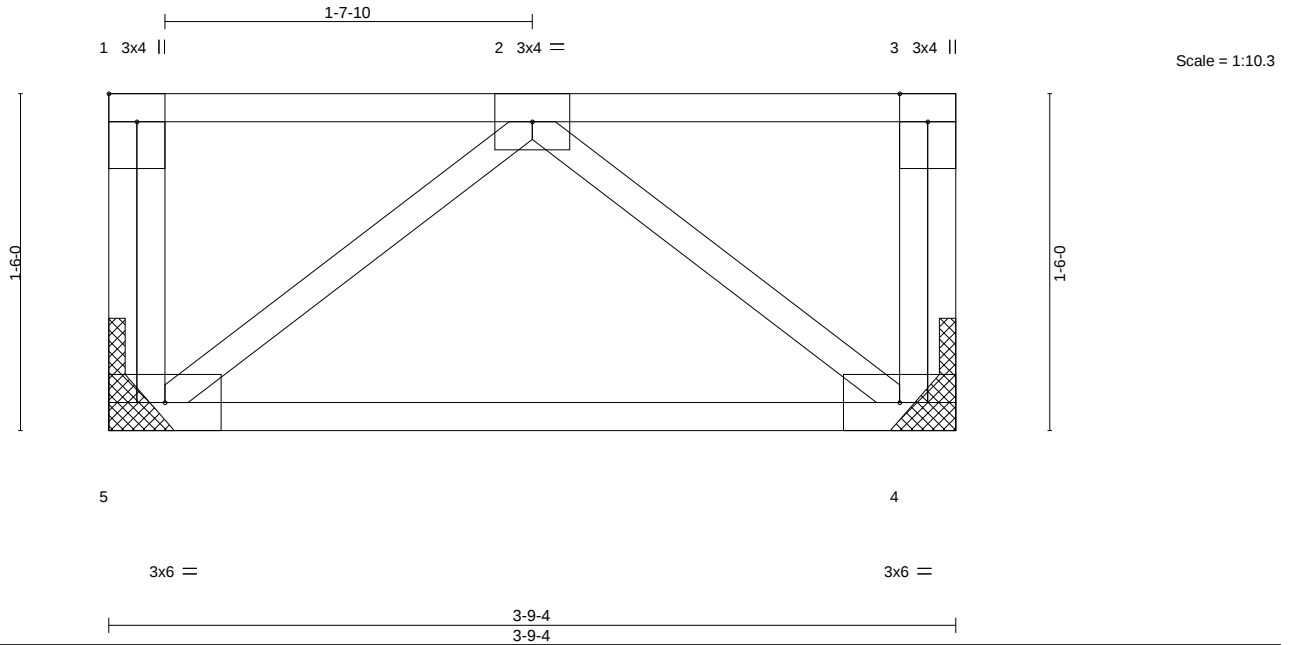


Plate Offsets (X,Y)-- [1:Edge,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.16	in (loc) l/defl L/d	MT20	185/148
TCDL 10.0	Plate Grip DOL 1.00	BC 0.22	Vert(LL) 0.00 5 **** 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.04	Vert(CT) -0.05 4-5 >782 360		
BCDL 10.0	Rep Stress Incr YES	Matrix-P	Horz(CT) 0.00 4 n/a n/a		
	Code IRC2018/TPI2014			Weight: 21 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 4=Mechanical
Max Grav 5=211(LC 1), 4=211(LC 1)

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

NOTES- (4)
1) Refer to girder(s) for truss to truss connections.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
4) All dimensions given in feet-inches-sixteenths (FFI) 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.

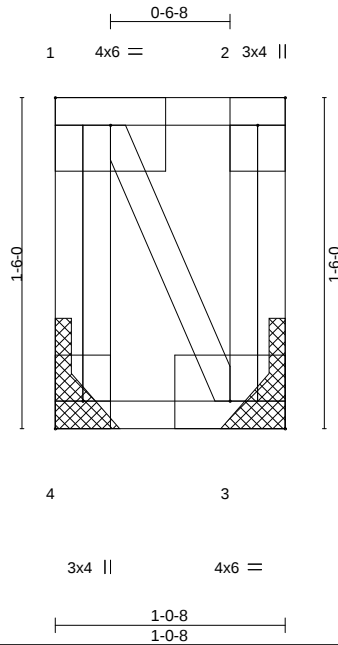


Job J1042066F	Truss F14	Truss Type Floor	Qty 1	Ply 1	Presidential Homes LLC	I13864668
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-P8JmTerS0zQNlvWism9ds1gtL3KrzJoPjC6fe7yzn9g



Scale = 1:10.4

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

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 0.04	Vert(LL)	0.00	4	****	480	MT20	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.01	Vert(CT)	-0.00	4	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-P						Weight: 11 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-0-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 3=Mechanical
Max Grav 4=47(LC 1), 3=47(LC 1)

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

NOTES- (4)
1) Refer to girder(s) for truss to truss connections.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
4) 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 J1042066F	Truss F15	Truss Type Floor	Qty 1	Ply 1	Presidential Homes LLC	I13864669
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-lt8g_s4nHYDw25UQTgsOECzuTbajFYysrCBZyzn9f

Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:16 2021 Page 1

0-6-12

2-6-0

0-10-4

2-0-0

Scale = 1:19.2

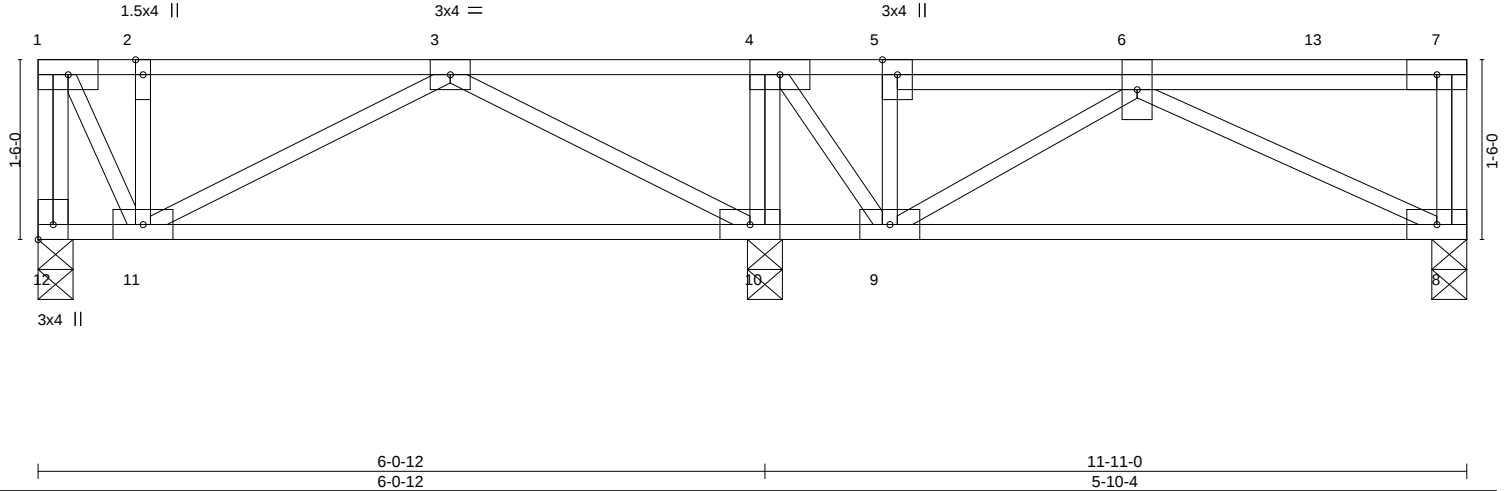


Plate Offsets (X,Y)-- [12:Edge,0-1-8]

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 0.37	Vert(LL)	-0.00	8-9	>999	480	MT20	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.36	Vert(CT)	-0.10	8-9	>704	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.18	Horz(CT)	0.00	8	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-P						Weight: 65 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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 6-0-0 oc bracing.

REACTIONS. (size) 12=0-3-8, 8=0-3-8, 10=0-3-8
Max Grav 12=310(LC 3), 8=459(LC 4), 10=892(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-12=-358/0, 3-4=0/263
BOT CHORD 10-11=-17/293, 9-10=-263/0, 8-9=0/412
WEBS 4-10=-580/0, 3-10=-547/0, 1-11=0/425, 6-8=-461/0, 6-9=-440/0, 4-9=0/465

NOTES- (6)
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
5) CAUTION, Do not erect truss backwards.
6) All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 8-12=-20, 1-7=-100
Concentrated Loads (lb)
Vert: 13=-211



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 J1042066F	Truss F16	Truss Type Floor	Qty 1	Ply 1	Presidential Homes LLC	I13864670
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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 13:55:16 2021 Page 1
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1-2-0

2-6-0

Scale = 1:19.5

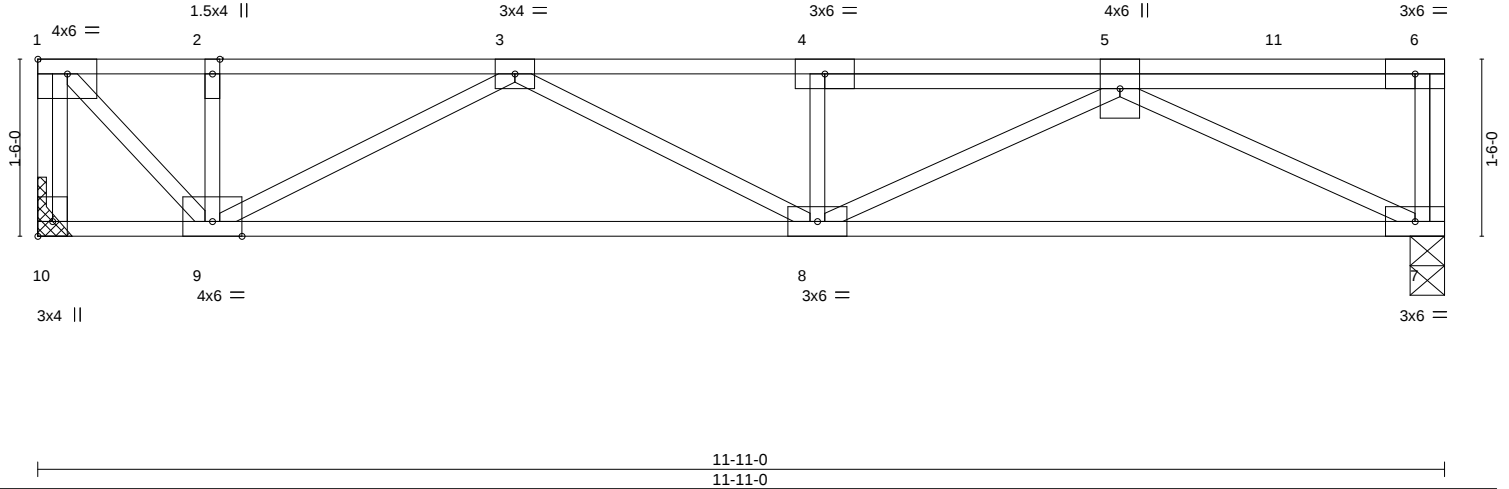


Plate Offsets (X,Y)-- [1:Edge,0-1-8], [10:Edge,0-1-8]

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 0.32	Vert(LL)	-0.05	8	>999	480	MT20	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.62	Vert(CT)	-0.16	7-8	>853	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.36	Horz(CT)	0.02	7	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-P						Weight: 61 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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) 10=Mechanical, 7=0-3-8
Max Grav 10=705(LC 1), 7=742(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-10=-712/0, 1-2=-665/0, 2-3=-665/0, 3-4=-1563/0, 4-5=-1567/0
BOT CHORD 8-9=0/1361, 7-8=0/1136
WEBS 5-7=-1270/0, 5-8=0/480, 3-9=-791/0, 1-9=0/947

NOTES- (4)
1) Refer to girder(s) for truss to truss connections.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
4) All dimensions given in feet-inches-sixteenths (FFIIS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 7-10=-20, 1-6=-100
Concentrated Loads (lb)
Vert: 11=-47



July 12, 2021

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



Job J1042066F	Truss F17	Truss Type Floor Girder	Qty 1	Ply 1	Presidential Homes LLC	I13864671
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-LXRWtKtiYbg4XCgg_AB5xSl1XsoMR2biAWbmj0yzn9e

Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:17 2021 Page 1

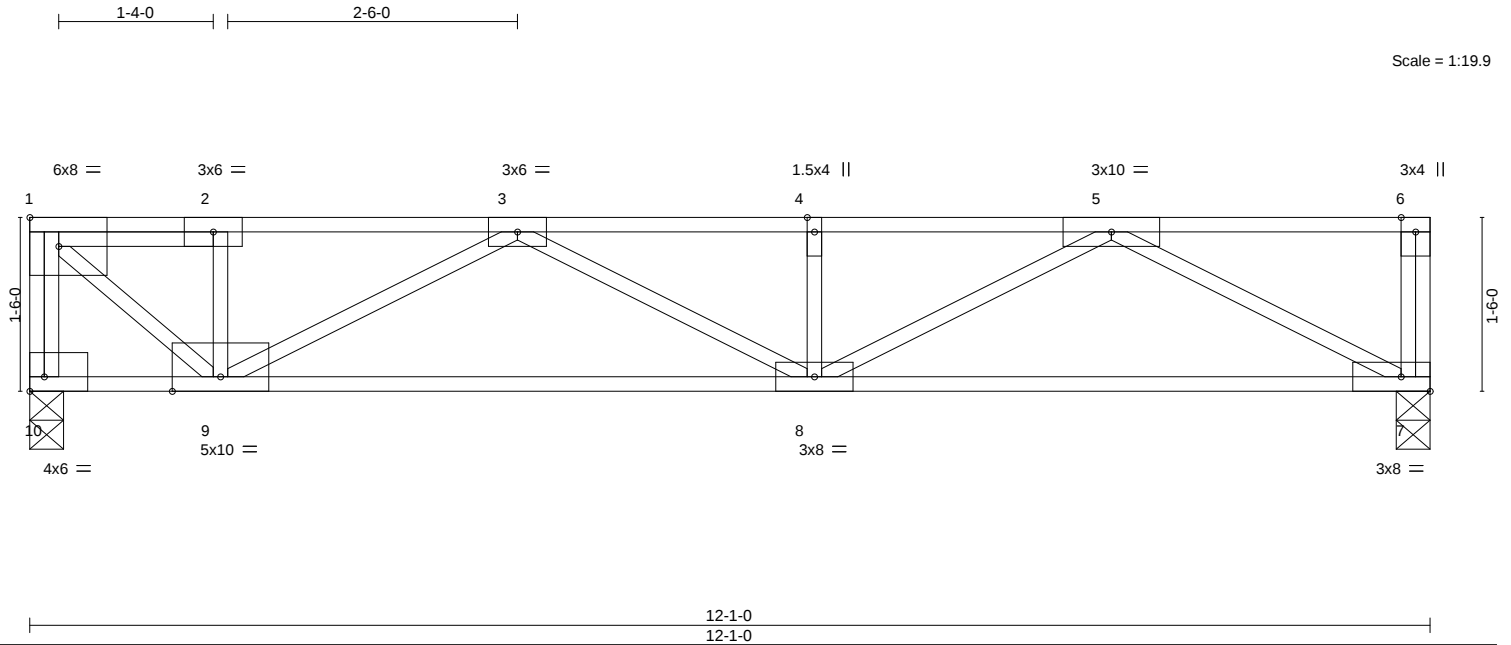


Plate Offsets (X,Y)-- [10:Edge,0-1-8]		12-1-0		12-1-0	
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc) l/defl L/d
TCLL 40.0	Plate Grip DOL	1.00	TC 0.82	Vert(LL) -0.09	8-9 >999 480
TCDL 10.0	Lumber DOL	1.00	BC 0.90	Vert(CT) -0.21	7-8 >672 360
BCLL 0.0	Rep Stress Incr	NO	WB 0.68	Horz(CT) 0.04	7 n/a n/a
BCDL 10.0	Code IRC2018/TPI2014		Matrix-P		
				PLATES	GRIP
				MT20	185/148
				Weight: 57 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-11-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 10=0-3-8, 7=0-3-8
Max Grav 10=3105(LC 1), 7=1302(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-10=-3107/0, 1-2=-1350/0, 2-3=-1346/0, 3-4=-2862/0, 4-5=-2862/0
BOT CHORD 8-9=0/2590, 7-8=0/2004
WEBS 5-7=-2262/0, 5-8=0/974, 4-8=-489/0, 3-8=0/309, 3-9=-1411/0, 2-9=-415/0, 1-9=0/1778

NOTES- (3)
1) 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.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
3) All dimensions given in feet-inches-sixteenths (FFIIS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 7-10=-20, 1-6=-200
Concentrated Loads (lb)
Vert: 1=-1803



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 J1042066F	Truss F18	Truss Type Floor Girder	Qty 1	Ply 2	Presidential Homes LLC	I13864672
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The Truss Company (Sumner), Sumner, WA - 98390,

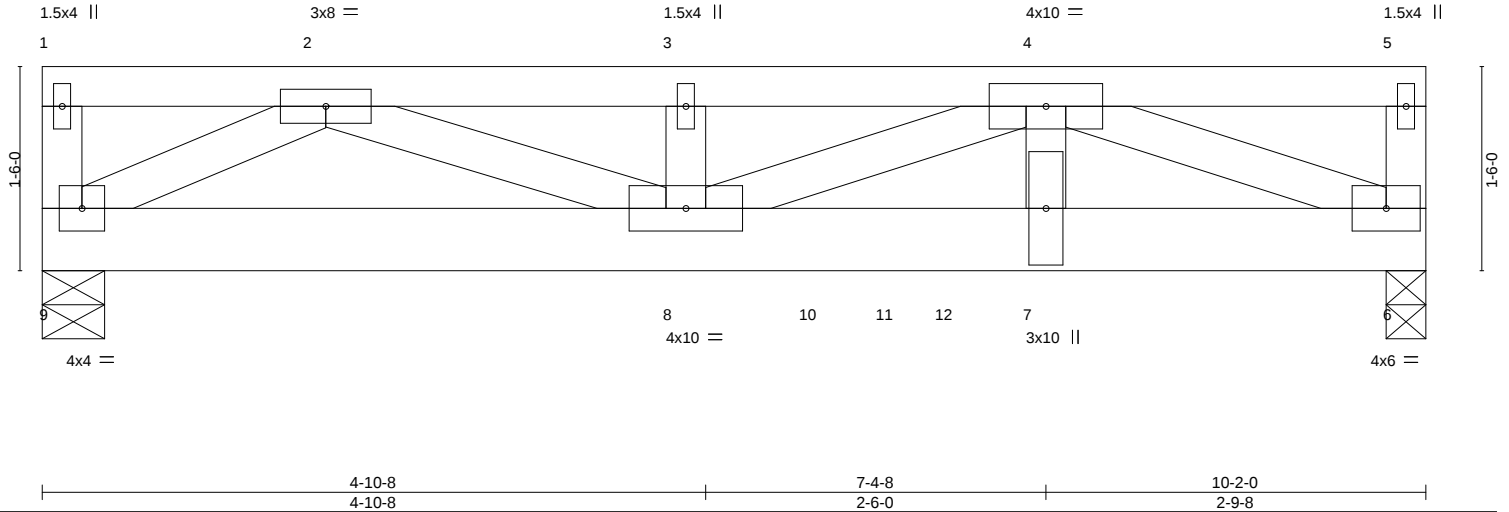
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1-9-8

2-6-0

2-4-4

Scale = 1:16.9



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.35	Vert(LL)	-0.08	7-8	>999	480	MT20
TCDL 10.0	Lumber DOL	1.00	BC 0.54	Vert(CT)	-0.12	7-8	>999	360	185/148
BCLL 0.0	Rep Stress Incr	NO	WB 0.74	Horz(CT)	0.02	6	n/a	n/a	
BCDL 10.0	Code IRC2018/TPI2014		Matrix-P						
									Weight: 101 lb FT = 9%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-3-8, 9=0-5-8
Max Grav 6=3913(LC 1), 9=2143(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-5988/0, 3-4=-5988/0
BOT CHORD 8-9=0/2857, 7-8=0/6055, 6-7=0/6055
WEBS 4-6=-6580/0, 2-8=0/3402, 2-9=-3304/0, 4-7=0/2318

- NOTES-** (6)
- 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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.
 - 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 705 lb down at 5-8-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
 - All dimensions given in feet-inches-sixteenths (FFI/ISS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-11=-178(F=-158), 11-12=-560(F=-540), 6-12=-920(F=-540, B=-360), 1-5=-100
Concentrated Loads (lb)
Vert: 10=-705(B)



July 12, 2021

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



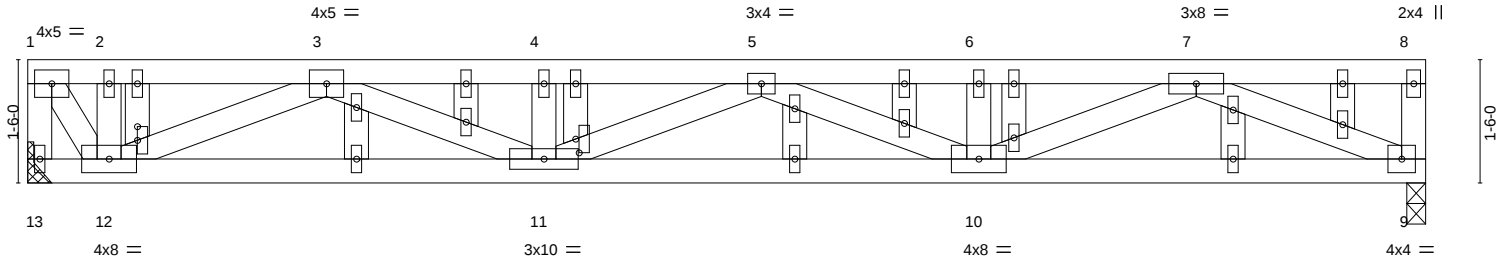
Job J1042066F	Truss F19	Truss Type GABLE	Qty 1	Ply 2	Presidential Homes LLC	I13864673
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The Truss Company (Sumner), Sumner, WA - 98390,

Job Reference (optional)
8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:18 2021 Page 1
ID:zS5y2phjwikODHeHoUuC?Qze0yy-pj?v5gtLJuox9MFtYuiKUflijGA6AYjrPAKJFSyzn9d

0-6-10 2-6-0

Scale = 1:28.0



1-4-0	4-0-0	5-4-0	6-8-0	9-4-0	10-8-0	12-0-0	14-8-0	16-0-0	17-0-2
1-4-0	2-8-0	1-4-0	1-4-0	2-8-0	1-4-0	1-4-0	2-8-0	1-4-0	1-0-2

Plate Offsets (X,Y)-- [11:0-2-0,0-0-8], [12:0-2-0,0-0-0]

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 0.41	Vert(LL)	-0.21 10-11	>948	480	MT20	185/148
TCDL 10.0	Lumber DOL	1.00	BC 0.74	Vert(CT)	-0.32 10-11	>626	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.50	Horz(CT)	0.05 9	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-SH					Weight: 160 lb	FT = 9%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 13=Mechanical, 9=0-2-12
Max Grav 13=2115(LC 1), 9=2115(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-2071/0, 8-9=-304/0, 1-2=-1518/0, 2-3=-1518/0, 3-4=-6754/0, 4-5=-6754/0, 5-6=-6293/0, 6-7=-6293/0
BOT CHORD 11-12=0/4835, 10-11=0/7248, 9-10=0/3924
WEBS 7-9=-4174/0, 7-10=0/2604, 6-10=-564/0, 5-10=-1051/0, 5-11=-544/0, 4-11=-565/0, 3-11=0/2110, 3-12=-3646/0, 2-12=-502/0, 1-12=0/2516

- NOTES-** (9)
- 2-ply truss to be connected together with 10d (0.148"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - 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.
 - All plates are 1.5x4 MT20 unless otherwise indicated.
 - Gable studs spaced at 1-4-0 oc.
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 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.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
 - All dimensions given in feet-inches-sixteenths (FFIIS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-13=-20, 1-8=-233



July 12, 2021

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

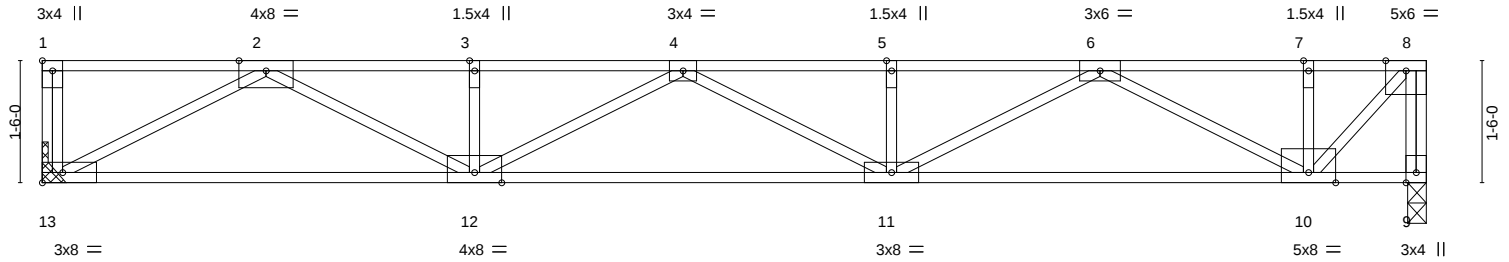


Job J1042066F	Truss F20	Truss Type FLOOR	Qty 2	Ply 1	Presidential Homes LLC	113864674
The Truss Company (Sumner), Sumner, WA - 98390,						Job Reference (optional) 8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:18 2021 Page 1 ID:zS5y2phjwkoDheHoUuC?Qze0yy-pj?v5gtLJuox9MFtYuiKUfII0G7OAXKrPAKJFSyzn9d

2-6-0

1-1-10

Scale = 1:28.3



17-0-2

17-0-2

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 2-0-0	TC 0.39	Vert(LL) -0.18 11-12	>999	480		MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.91	Vert(CT) -0.30 11-12	>681	360			
BCLL 0.0	Rep Stress Incr YES	WB 0.53	Horz(CT) 0.06 9	n/a	n/a			
BCDL 10.0	Code IRC2018/TPI2014	Matrix-SH						
							Weight: 77 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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, Except:
2-2-0 oc bracing: 11-12.

REACTIONS. (size) 9=0-2-12, 13=Mechanical
Max Grav 9=1006(LC 1), 13=1006(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 8-9=-1018/0, 2-3=-2687/0, 3-4=-2687/0, 4-5=-2961/0, 5-6=-2961/0, 6-7=-947/0, 7-8=-947/0
BOT CHORD 12-13=0/1638, 11-12=0/3067, 10-11=0/2199
WEBS 2-13=-1849/0, 2-12=0/1191, 4-12=-431/0, 5-11=-252/0, 6-11=0/865, 6-10=-1422/0, 8-10=0/1365

- NOTES-** (5)
1) Refer to girder(s) for truss to truss connections.
2) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
5) All dimensions given in feet-inches-sixteenths (FFI) format.



July 12, 2021

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



Job J1042066F	Truss F21	Truss Type FLOOR	Qty 3	Ply 1	Presidential Homes LLC	I13864675
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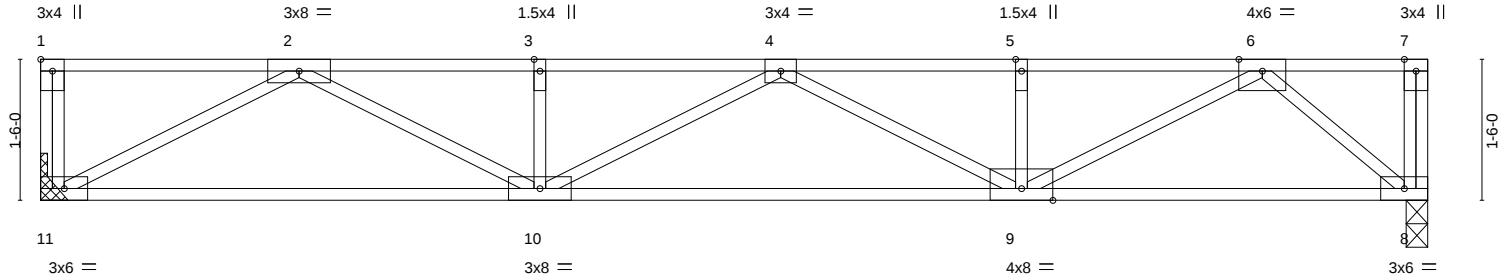
The Truss Company (Sumner), Sumner, WA - 98390,

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2-6-0

1-6-2

Scale = 1:24.5



14-9-2

14-9-2

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 2-0-0	TC 0.36	Vert(LL)	-0.11	9-10	>999	480	MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.75	Vert(CT)	-0.21	10-11	>815	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.45	Horz(CT)	0.04	8	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014	Matrix-P							

Weight: 66 lb FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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) 11=Mechanical, 8=0-2-12
Max Grav 11=871(LC 1), 8=871(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2180/0, 3-4=-2180/0, 4-5=-1952/0, 5-6=-1952/0
BOT CHORD 10-11=0/1381, 9-10=0/2307, 8-9=0/931
WEBS 2-11=-1559/0, 2-10=0/907, 4-9=-403/0, 5-9=-259/0, 6-9=0/1158, 6-8=-1217/0

NOTES- (5)
1) Refer to girder(s) for truss to truss connections.
2) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 8.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
5) All dimensions given in feet-inches-sixteenths (FFI) format.



July 12, 2021

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



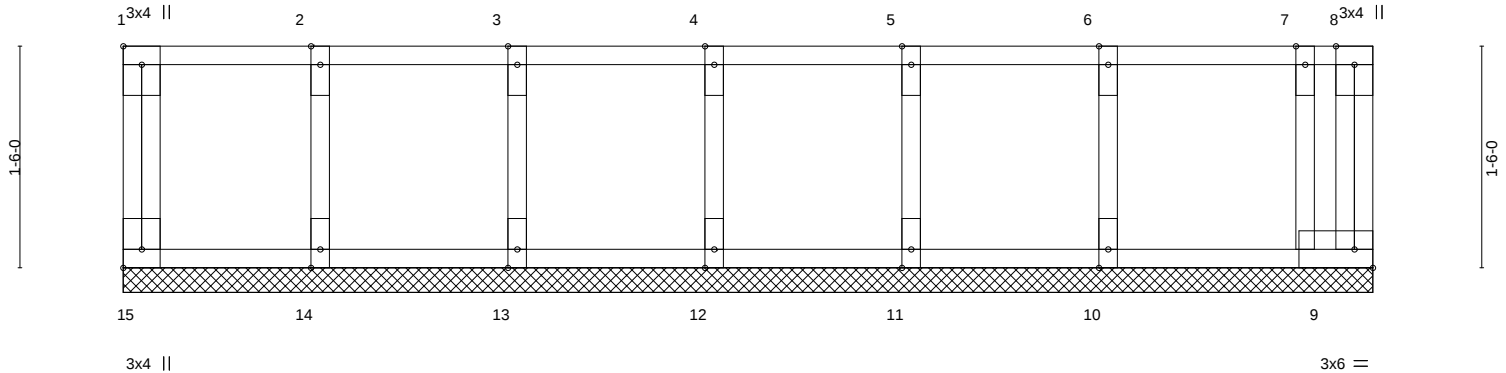
Job J1042066F	Truss F22	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864676
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The Truss Company (Sumner),

Sumner, WA - 98390,

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Scale = 1:15.6



1-4-0	2-8-0	4-0-0	5-4-0	6-8-0	8-0-0	8-5-8
1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	0-5-8

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [15:Edge,0-1-8]

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 0.07	Vert(LL)	n/a	-	n/a	999	MT20
TCDL 10.0	Lumber DOL	1.00	BC 0.03	Vert(CT)	n/a	-	n/a	999	185/148
BCLL 0.0	Rep Stress Incr	YES	WB 0.03	Horz(CT)	0.00	9	n/a	n/a	
BCDL 10.0	Code IRC2018/TPI2014		Matrix-R						
									Weight: 37 lb FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)
OTHERS 2x4 DF Stud(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. All bearings 8-5-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 15, 9, 14, 13, 12, 11, 10

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

NOTES- (7)
1) All plates are 1.5x4 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) 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.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
7) 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 J1042066F	Truss F23	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864677
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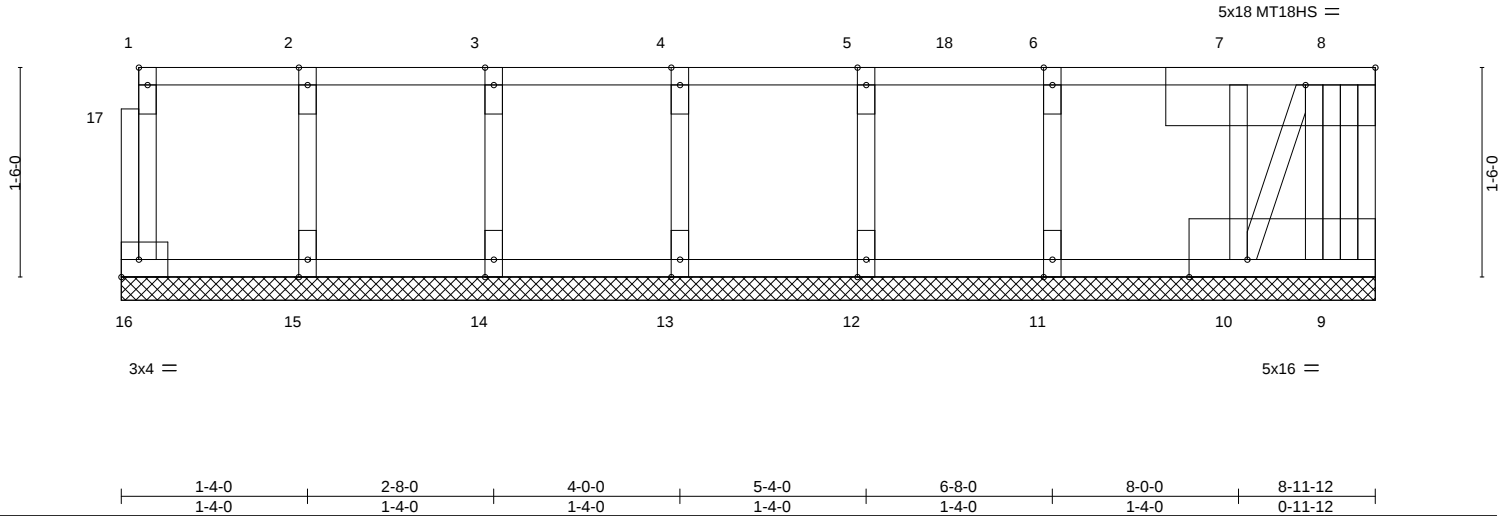
The Truss Company (Sumner),

Sumner, WA - 98390,

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0.1-8

Scale = 1:16.5



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 0.52	Vert(LL)	n/a	-	n/a	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.01	Vert(CT)	n/a	-	n/a	MT18HS	220/195
BCLL 0.0	Rep Stress Incr	NO	WB 0.18	Horz(CT)	0.00	9	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-P						
								Weight: 46 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 DF No.1&Btr(flat)
BOT CHORD 2x4 DF No.1&Btr(flat)
WEBS 2x4 DF Stud(flat)
OTHERS 2x4 DF Stud(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. All bearings 8-11-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 16 except 9=9630(LC 1), 15=598(LC 1), 14=575(LC 1), 13=575(LC 1), 12=590(LC 1), 11=826(LC 1), 10=519(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 8-9=-9626/0
WEBS 2-15=-570/0, 3-14=-548/0, 4-13=-549/0, 5-12=-564/0, 6-11=-798/0, 7-10=-511/0

NOTES- (10)
1) All plates are MT20 plates unless otherwise indicated.
2) All plates are 1.5x4 MT20 unless otherwise indicated.
3) Attach ribbon block to truss with 3-10d nails applied to flat face.
4) Gable requires continuous bottom chord bearing.
5) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
6) Gable studs spaced at 1-4-0 oc.
7) 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.
8) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
9) CAUTION, Do not erect truss backwards.
10) All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-16=-20, 1-18=-413, 7-18=-595, 7-8=-100
Concentrated Loads (lb)
Vert: 8=-9668

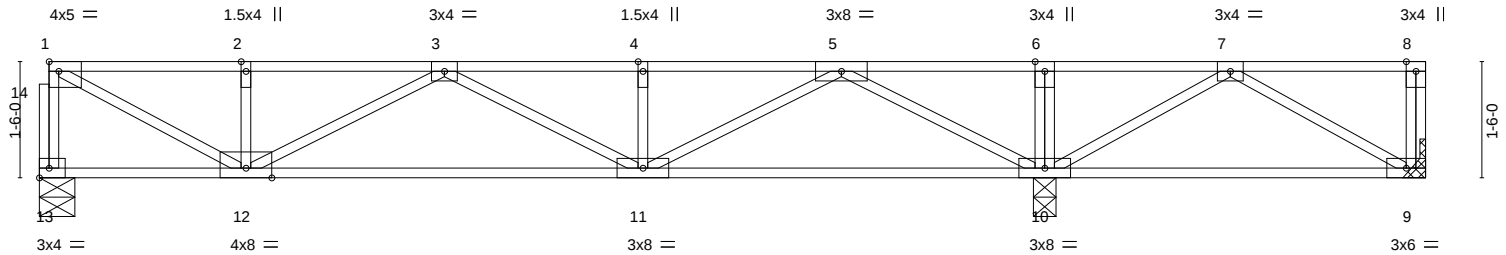


July 12, 2021

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



8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:21 2021 Page 1
ID:zS5y2phjwikODheHoUuC?Qze0yy-Elh1jwDcpAW0q_SD0G15lwouUGUNwdH58Zzsnyzn9a



	12-11-12	17-10-12
	12-11-12	4-11-0

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 0.48	Vert(LL) -0.05 11-12 >999 480	MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.50	Vert(CT) -0.14 11-12 >999 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.43	Horz(CT) 0.02 10 n/a n/a		
BCDL 10.0	Code IRC2018/TPI2014	Matrix-SH		Weight: 81 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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, Except: 6-0-0 oc bracing: 9-10.

REACTIONS. (size) 13=0-5-8, 9=Mechanical, 10=0-3-8
Max Uplift 9=-212(LC 3)
Max Grav 13=650(LC 3), 9=169(LC 4), 10=1498(LC 1)

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

TOP CHORD	1-13=-637/0, 1-2=-999/0, 2-3=-999/0, 3-4=-1158/0, 4-5=-1158/0, 5-6=0/1033, 6-7=0/1032
BOT CHORD	11-12=0/1312, 10-11=0/342, 9-10=-472/67
WEBS	6-10=-253/0, 5-10=-1523/0, 5-11=0/939, 4-11=-256/0, 3-12=-356/0, 2-12=-283/0, 1-12=0/1109, 7-10=-860/0, 7-9=-78/544

NOTES- (8)

- 1) Unbalanced floor live loads have been considered for this design.
- 2) Attach ribbon block to truss with 3-10d nails applied to flat face.
- 3) Refer to girder(s) for truss to truss connections.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 212 lb uplift at joint 9.
- 5) 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.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10'-0" 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.
- 7) CAUTION, Do not erect truss backwards.
- 8) 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 J1042066F	Truss F25	Truss Type FLOOR	Qty 2	Ply 1	Presidential Homes LLC I13864679
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The Truss Company (Sumner),

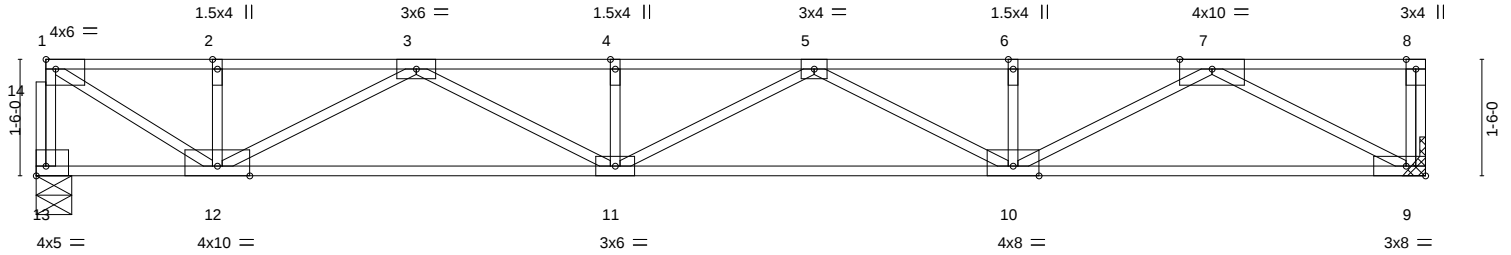
Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-iVEPx2xrN7JNezYenknGeVSz0tUK6JpRkoIWODyZn9Z

0-1-8



Scale = 1:29.7



17-10-12
17-10-12

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [13:Edge,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.46	in (loc) l/defl L/d	MT20	185/148
TCDL 10.0	Plate Grip DOL 1.00	BC 0.98	Vert(LL) -0.22 10-11 >967 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.69	Vert(CT) -0.35 10-11 >605 360		
BCDL 10.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.07 9 n/a n/a		
	Code IRC2018/TPI2014			Weight: 79 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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, Except:
2-2-0 oc bracing: 10-11.

REACTIONS. (size) 13=0-5-8, 9=Mechanical
Max Grav 13=1053(LC 1), 9=1059(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-1045/0, 1-2=-1548/0, 2-3=-1548/0, 3-4=-3360/0, 4-5=-3360/0, 5-6=-2887/0, 6-7=-2887/0
BOT CHORD 11-12=0/2692, 10-11=0/3365, 9-10=0/1739
WEBS 7-9=-1963/0, 7-10=0/1303, 5-10=-543/0, 4-11=-254/0, 3-11=0/757, 3-12=-1299/0, 2-12=-261/0, 1-12=0/1782

- NOTES-** (6)
- 1) Attach ribbon block to truss with 3-10d nails applied to flat face.
 - 2) Refer to girder(s) for truss to truss connections.
 - 3) 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.
 - 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
 - 5) CAUTION, Do not erect truss backwards.
 - 6) 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 J1042066F	Truss F26	Truss Type FLOOR GIRDER	Qty 1	Ply 1	Presidential Homes LLC	I13864680
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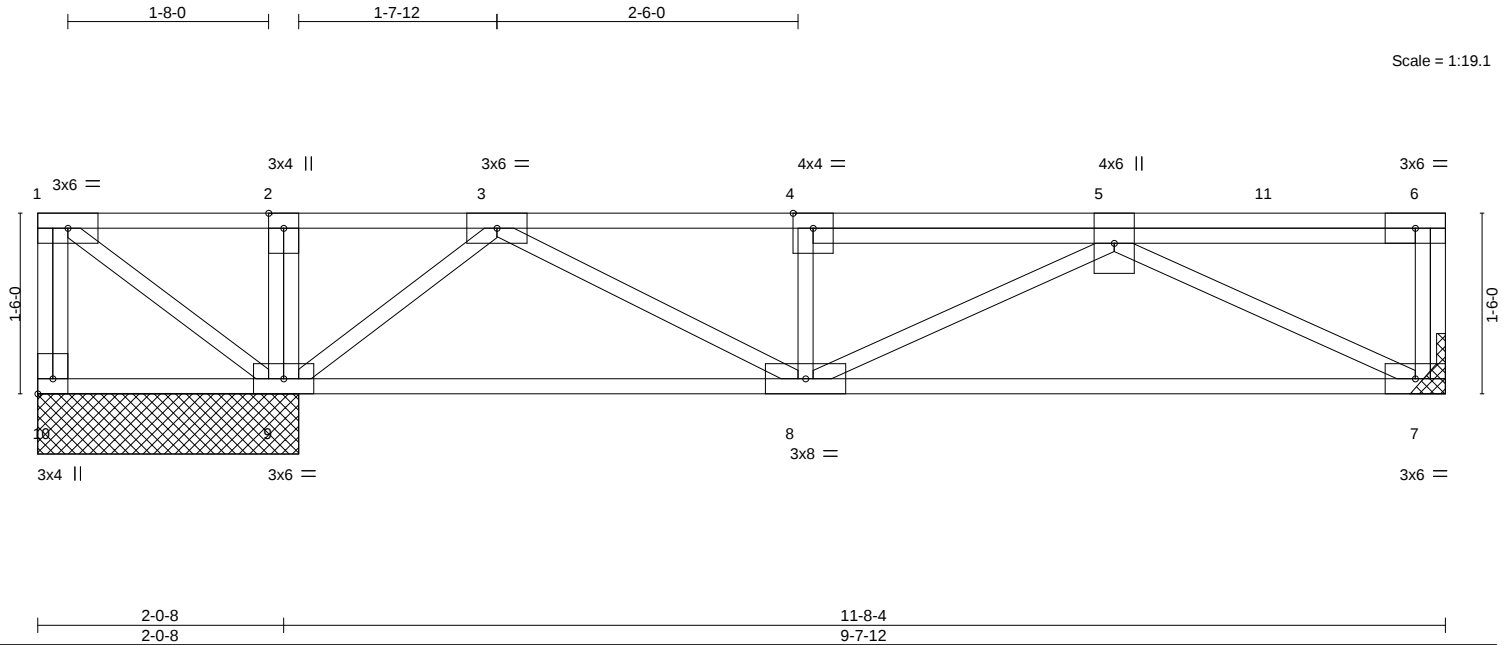
The Truss Company (Sumner),

Sumner, WA - 98390,

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Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:22 2021 Page 1



Scale = 1:19.1

Plate Offsets (X,Y)-- [10:Edge,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.59	in (loc) l/defl L/d	MT20	185/148
TCDL 10.0	Plate Grip DOL 1.00	BC 0.58	Vert(LL) -0.02 8 >999 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.31	Vert(CT) -0.16 7-8 >730 360		
BCDL 10.0	Rep Stress Incr NO	Matrix-P	Horz(CT) 0.01 7 n/a n/a		
	Code IRC2018/TPI2014			Weight: 62 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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) 10=2-2-0, 7=Mechanical, 9=2-2-0
Max Uplift 10=-328(LC 1)
Max Grav 7=850(LC 1), 9=1233(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-10=0/318, 6-7=-287/0, 1-2=0/550, 2-3=0/550, 3-4=-910/0, 4-5=-914/0
BOT CHORD 7-8=0/1041
WEBS 1-9=-677/0, 5-7=-1164/0, 3-8=0/791, 3-9=-966/0

NOTES- (6)
1) Refer to girder(s) for truss to truss connections.
2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 328 lb uplift at joint 10.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
5) CAUTION, Do not erect truss backwards.
6) All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 7-9=-20, 1-6=-100
Concentrated Loads (lb)
Vert: 11=-421



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 J1042066F	Truss F27	Truss Type FLOOR GIRDER	Qty 1	Ply 1	Presidential Homes LLC	I13864681
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The Truss Company (Sumner),

Sumner, WA - 98390,

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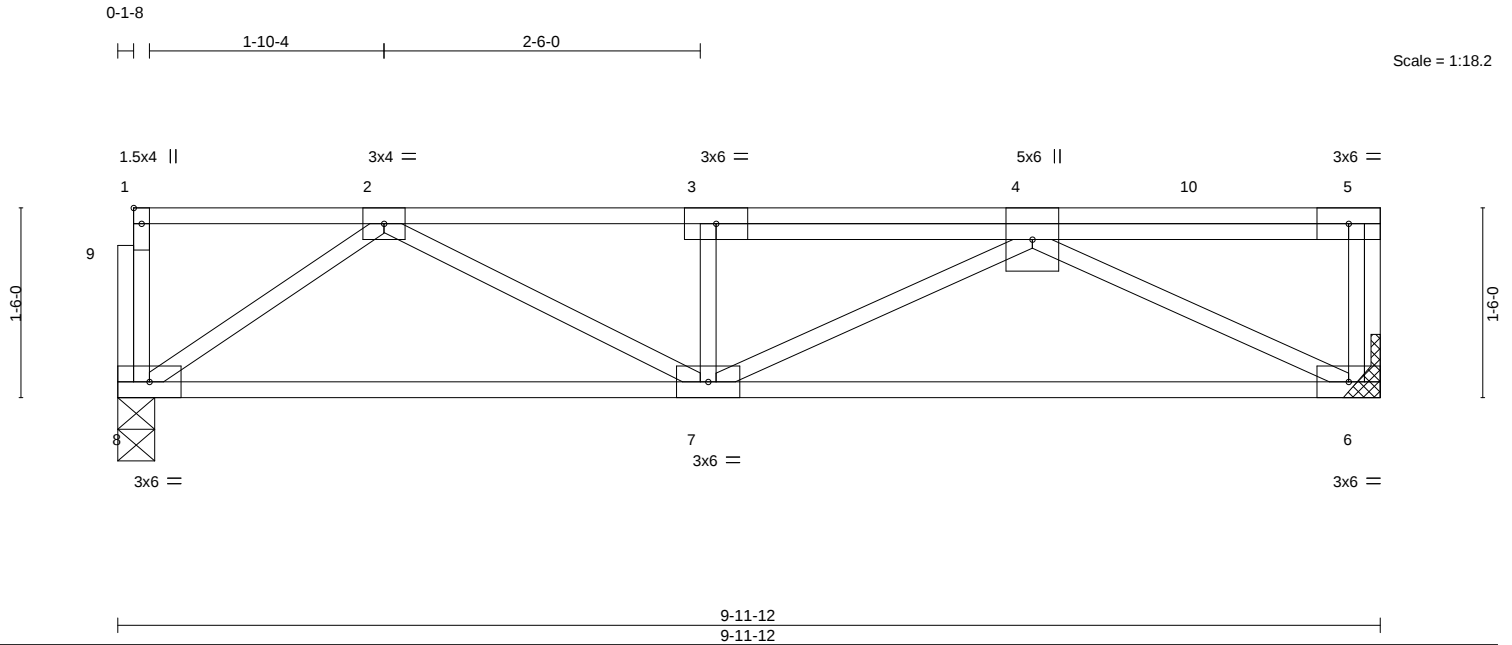


Plate Offsets (X,Y)-- [1:Edge,0-0-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.60	Vert(LL) -0.03	7	>999	480		MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.63	Vert(CT) -0.15	6-7	>775	360			
BCLL 0.0	Rep Stress Incr NO	WB 0.36	Horz(CT) 0.02	6	n/a	n/a			
BCDL 10.0	Code IRC2018/TPI2014	Matrix-P							

Weight: 51 lb FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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, 6=Mechanical
Max Grav 8=633(LC 1), 6=949(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-6=-288/0, 2-3=-1283/0, 3-4=-1287/0
BOT CHORD 7-8=0/768, 6-7=0/1239
WEBS 4-6=-1386/0, 2-7=0/584, 2-8=-932/0

NOTES- (6)
1) Attach ribbon block to truss with 3-10d nails applied to flat face.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
5) CAUTION, Do not erect truss backwards.
6) All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 6-8=-20, 1-5=-100
Concentrated Loads (lb)
Vert: 10=-421



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 J1042066F	Truss F28	Truss Type FLOOR	Qty 1	Ply 1	Presidential Homes LLC	I13864682
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The Truss Company (Sumner),

Sumner, WA - 98390,

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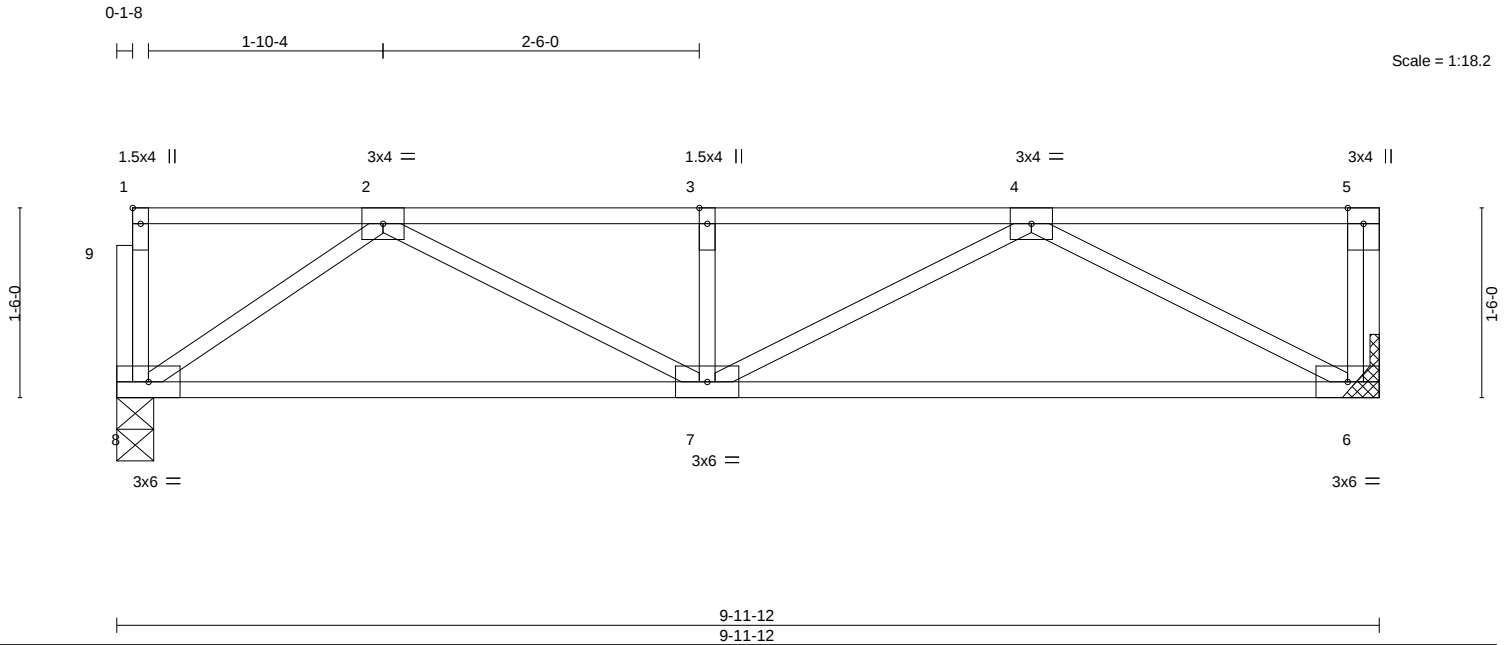


Plate Offsets (X,Y)-- [1:Edge,0-0-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.32	Vert(LL) -0.03	7	>999	480		MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.48	Vert(CT) -0.15	6-7	>790	360			
BCLL 0.0	Rep Stress Incr YES	WB 0.25	Horz(CT) 0.01	6	n/a	n/a			
BCDL 10.0	Code IRC2018/TPI2014	Matrix-P							

Weight: 46 lb FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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, 6=Mechanical
Max Grav 8=578(LC 1), 6=584(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1103/0, 3-4=-1103/0
BOT CHORD 7-8=0/687, 6-7=0/836
WEBS 4-6=-943/0, 4-7=0/304, 2-7=0/473, 2-8=-833/0

NOTES- (6)
1) Attach ribbon block to truss with 3-10d nails applied to flat face.
2) Refer to girder(s) for truss to truss connections.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
5) CAUTION, Do not erect truss backwards.
6) 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.

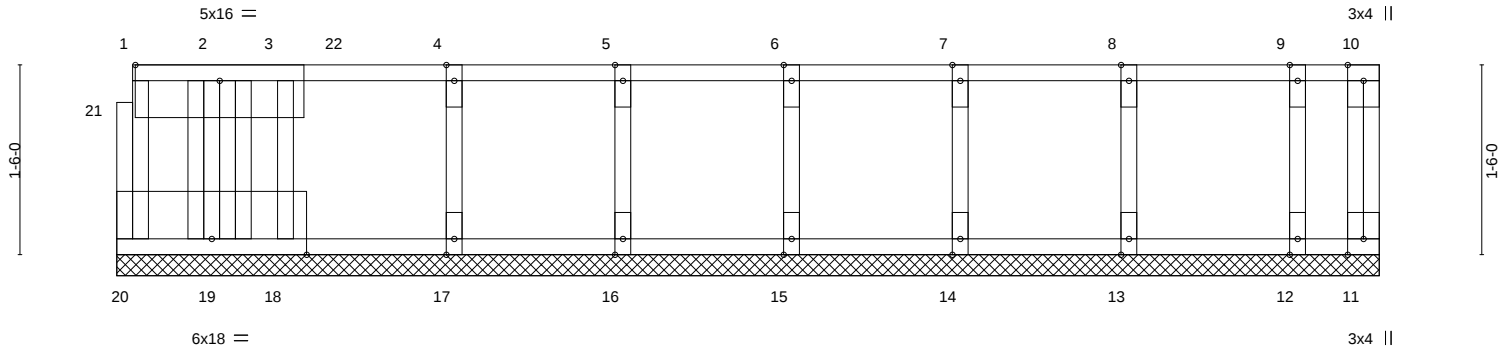


Job J1042066F	Truss F29	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864683
The Truss Company (Sumner), Sumner, WA - 98390,						Job Reference (optional) 6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:24 2021 Page 1

ID:zS5y2phjwikODheHoUuc?Qze0yy-etMALjy5vkZ5tHi1u8pkjwYNmhOKaGlo6ndT6yzn9X

0-1-8

Scale = 1:18.2



0-9-12	1-4-0	2-8-0	4-0-0	5-4-0	6-8-0	8-0-0	9-4-0	9-11-12
0-9-12	0-6-4	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0	0-7-12

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 0.18	Vert(LL)	n/a	-	n/a	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.05	Vert(CT)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr	NO	WB 0.47	Horz(CT)	0.00	11	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-R						
									Weight: 52 lb FT = 20%F, 9%E

LUMBER-	BRACING-
TOP CHORD 2x4 DF No.1&Btr(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 DF No.1&Btr(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 DF Stud(flat)	
OTHERS 2x4 DF Stud(flat)	

REACTIONS. All bearings 9-11-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 20, 11, 17, 16, 15, 14, 13, 12 except 19=8707(LC 1), 18=303(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-19=-8686/0, 3-18=-285/0

- NOTES-** (8)
- 1) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 2) Attach ribbon block to truss with 3-10d nails applied to flat face.
 - 3) Gable requires continuous bottom chord bearing.
 - 4) Gable studs spaced at 1-4-0 oc.
 - 5) 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.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
 - 7) CAUTION, Do not erect truss backwards.
 - 8) All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 11-20=-20, 1-22=-100, 10-22=-143
Concentrated Loads (lb)
Vert: 2=-8908



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 J1042066F	Truss F30	Truss Type FLOOR GIRDER	Qty 1	Ply 1	Presidential Homes LLC	I13864684
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The Truss Company (Sumner),

Sumner, WA - 98390,

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:24 2021 Page 1
ID:zS5y2phjwODheHoUuC?Qze0yy-etMALjy5vkZ5tHi1u8pkjwYLRhEKaAuj06ndT6yzn9X

2-6-0

2-3-12

Scale = 1:17.2

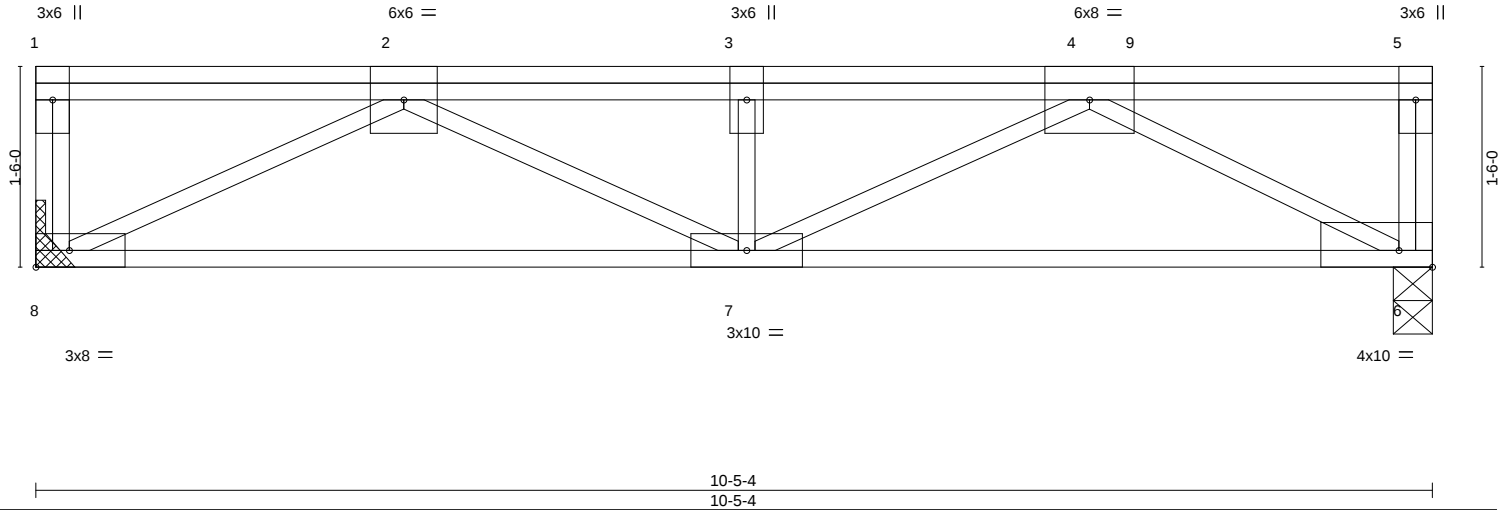


Plate Offsets (X, Y)-- [6:Edge, 0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.27	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Plate Grip DOL 1.00	BC 0.69	Vert(LL) -0.05 7 >999 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.84	Vert(CT) -0.13 7-8 >951 360		
BCDL 10.0	Rep Stress Incr NO	Matrix-P	Horz(CT) 0.03 6 n/a n/a		
	Code IRC2018/TPI2014			Weight: 65 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 DF No.1&Btr(flat)
BOT CHORD 2x4 DF No.1&Btr(flat)
WEBS 2x4 DF Stud(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=Mechanical, 6=0-3-8
Max Grav 8=1803(LC 1), 6=1803(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-962/0, 2-3=-2595/0, 3-4=-2595/0
BOT CHORD 7-8=0/1599, 6-7=0/2917
WEBS 2-8=-1788/0, 2-7=0/1118, 4-7=-363/0, 4-6=-3313/0

NOTES- (4)
1) Refer to girder(s) for truss to truss connections.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
4) All dimensions given in feet-inches-sixteenths (FFIIS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 6-8=-20, 1-5=-100
Concentrated Loads (lb)
Vert: 1=-850 4=-949 9=-584



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 J1042066F	Truss F31	Truss Type FLOOR	Qty 1	Ply 1	Presidential Homes LLC	I13864685
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuC?Qze0yy-64wYZ3zkg2hyVRHDSsKzG84WW5e0Jndi0mXB?Yyzn9W
8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:25 2021 Page 1

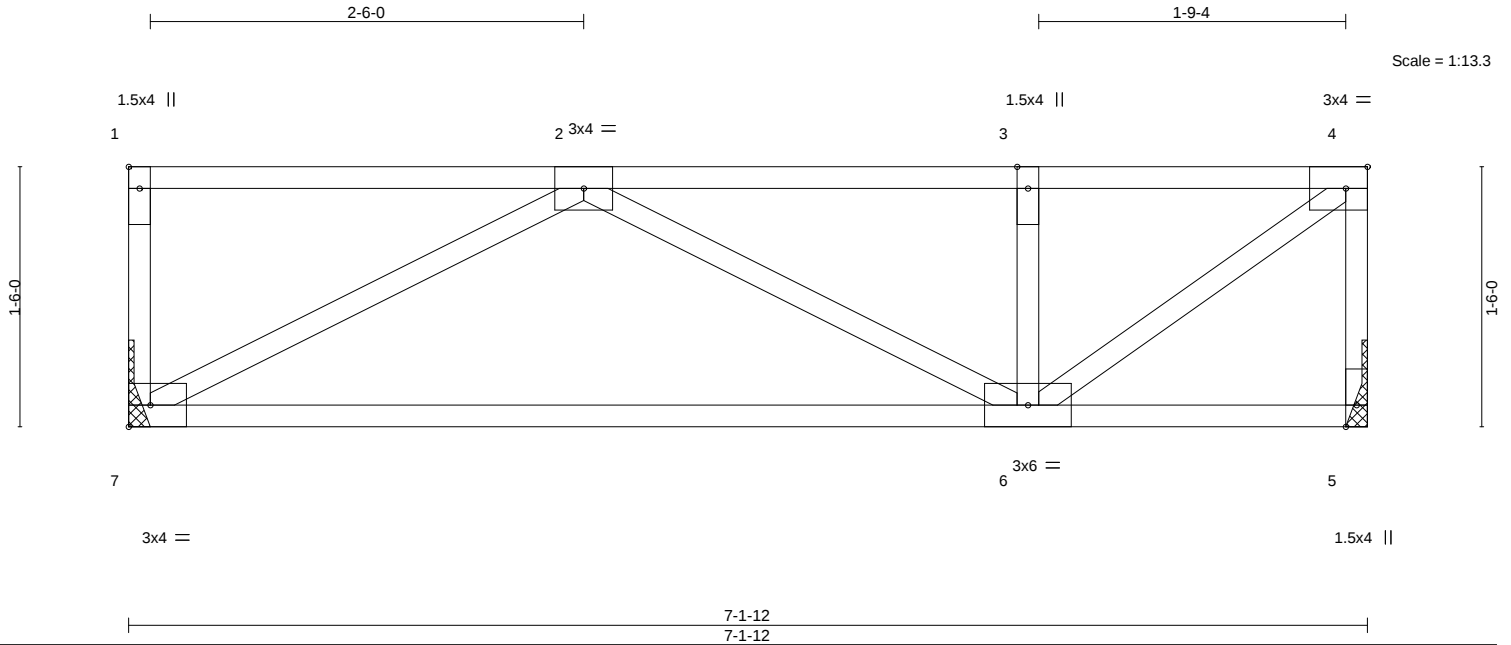


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.31	Vert(LL) -0.01	6-7	>999	480		MT20	185/148
TCDL 10.0	Lumber DOL 1.00	BC 0.40	Vert(CT) -0.14	6-7	>587	360			
BCLL 0.0	Rep Stress Incr YES	WB 0.23	Horz(CT) 0.00	5	n/a	n/a			
BCDL 10.0	Code IRC2018/TPI2014	Matrix-P							

Weight: 32 lb FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(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) 5=Mechanical, 7=Mechanical
Max Grav 5=421(LC 1), 7=421(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 4-5=-427/0, 2-3=-491/0, 3-4=-491/0
BOT CHORD 6-7=0/518
WEBS 2-7=-588/0, 4-6=0/606

NOTES- (4)
1) Refer to girder(s) for truss to truss connections.
2) 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.
3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
4) All dimensions given in feet-inches-sixteenths (FFIIS) format.



July 12, 2021

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Job J1042066F	Truss F32	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864686
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The Truss Company (Sumner),

Sumner, WA - 98390,

ID:zS5y2phjwikODheHoUuc?Qze0yy-64wYZ3zkg2hyVRHDSsKzG84PH5cjJbft0mXB?Yyzn9W

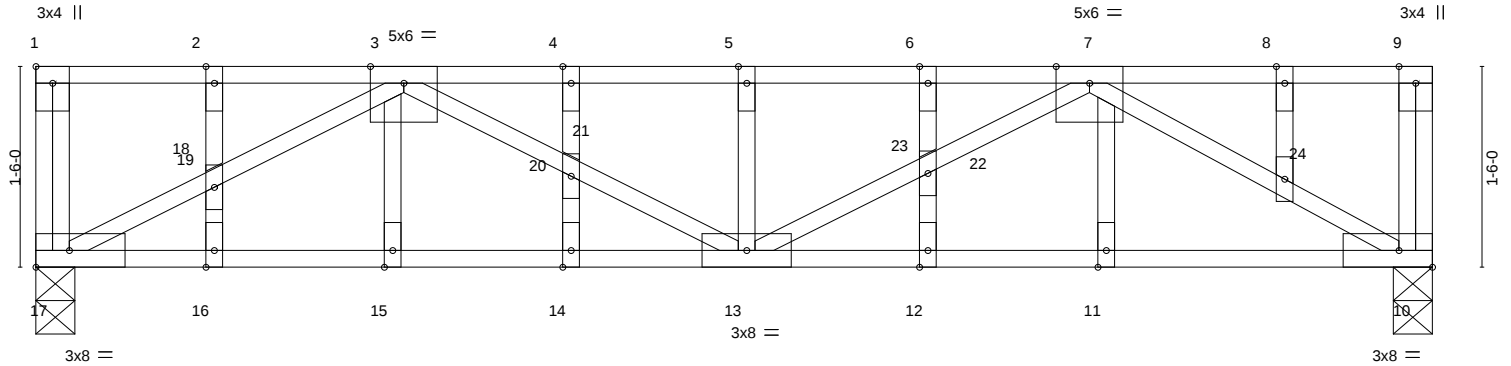
Job Reference (optional)

8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:25 2021 Page 1

2-6-0

2-3-12

Scale = 1:17.2



1-4-0	2-8-0	4-0-0	6-8-0	8-0-0	9-4-0	10-5-4
1-4-0	1-4-0	1-4-0	2-8-0	1-4-0	1-4-0	1-1-4

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

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 0.71	Vert(LL)	-0.06	13	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.55	Vert(CT)	-0.09	12-13	>999	360		
BCLL 0.0	Rep Stress Incr	NO	WB 1.00	Horz(CT)	0.02	10	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014		Matrix-SH							
									Weight: 61 lb	FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 DF No.1&Btr(flat)
BOT CHORD 2x4 DF No.1&Btr(flat)
WEBS 2x4 DF Stud(flat)
OTHERS 2x4 DF Stud(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) 17=0-3-8, 10=0-3-8
Max Grav 17=1289(LC 1), 10=1289(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-2472/0, 4-5=-2472/0, 5-6=-2472/0, 6-7=-2472/0
BOT CHORD 16-17=0/1921, 15-16=0/1921, 14-15=0/1921, 13-14=0/1921, 12-13=0/1790, 11-12=0/1790, 10-11=0/1790
WEBS 17-19=-2163/0, 3-19=-2205/0, 3-21=0/620, 13-21=0/621, 5-13=-595/0, 13-23=0/765, 7-23=0/767, 7-24=-2093/0, 10-24=-2067/0

NOTES- (5)
1) All plates are 1.5x4 MT20 unless otherwise indicated.
2) Gable studs spaced at 1-4-0 oc.
3) 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.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
5) All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 10-17=-20, 1-9=-233



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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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 J1042066F	Truss F33	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	I13864687
Job Reference (optional) 8.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:26 2021 Page 1						

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

ID:zS5y2phjwkoDheHoUuC?Qze0yy-aGUwmP_MRMpp6bsP0ZsCoLdk2V4C2H20FQGkX_yn9V

Scale = 1:13.3

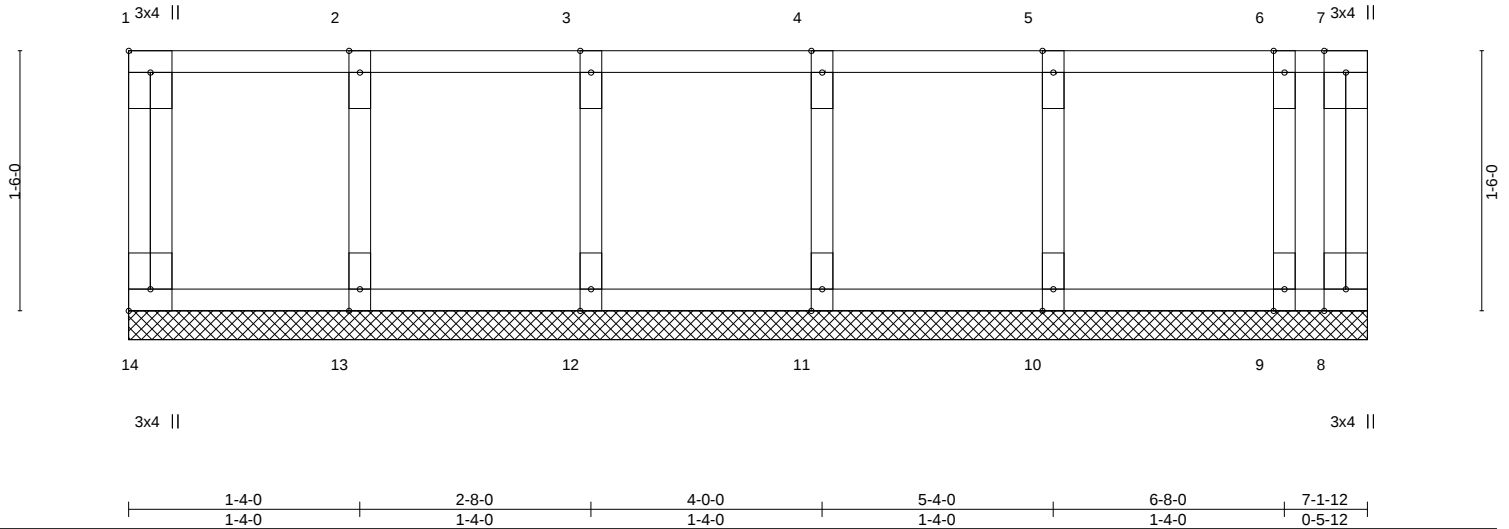


Plate Offsets (X,Y)--		[1:Edge,0-1-8], [14:Edge,0-1-8]	
LOADING (psf)	SPACING-	CSI.	DEFL.
TCLL 40.0	2-0-0	TC 0.07	in (loc) l/defl L/d
TCDL 10.0	Plate Grip DOL 1.00	BC 0.02	Vert(LL) n/a - n/a 999
BCLL 0.0	Lumber DOL 1.00	WB 0.03	Vert(CT) n/a - n/a 999
BCDL 10.0	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.00 8 n/a n/a
	Code IRC2018/TPI2014		
			PLATES MT20
			GRIP 185/148
			Weight: 32 lb FT = 20%F, 9%E

LUMBER-
TOP CHORD 2x4 HF No.2(flat)
BOT CHORD 2x4 HF No.2(flat)
WEBS 2x4 DF Stud(flat)
OTHERS 2x4 DF Stud(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. All bearings 7-1-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 14, 8, 13, 12, 11, 10, 9

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

NOTES- (7)
1) All plates are 1.5x4 MT20 unless otherwise indicated.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) 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.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
7) 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 J1042066F	Truss F34	Truss Type GABLE	Qty 1	Ply 1	Presidential Homes LLC	113864688
The Truss Company (Sumner), Sumner, WA - 98390,						Job Reference (optional) 6.430 s Jun 2 2021 MiTek Industries, Inc. Fri Jul 9 13:55:26 2021 Page 1

ID:zS5y2phjwikODHeHoUuC?Qze0yy-aGUwmP_MRMpp6bsP0ZsColDiUV4d2GZ0FQGkX_yn9V

0-1-8

Scale = 1:11.7

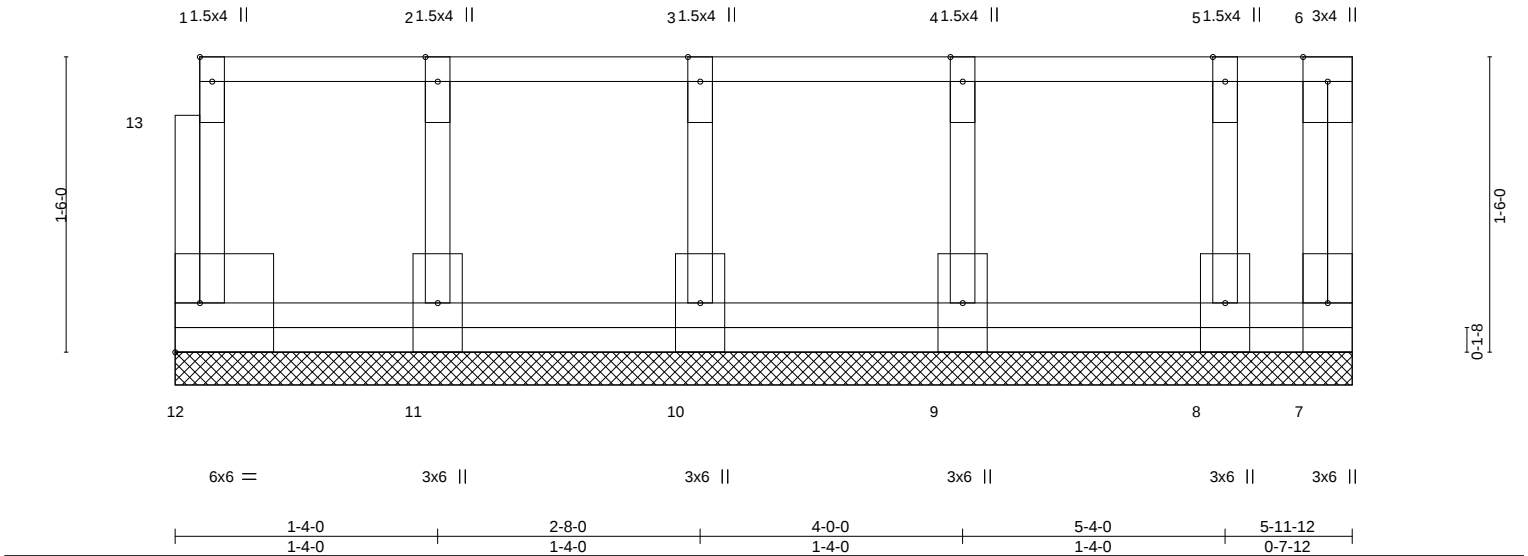


Plate Offsets (X,Y)-- [1:Edge,0-0-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.23	Vert(LL) n/a	-	n/a	999	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.06	Vert(CT) n/a	-	n/a	999		
BCLL 0.0	Rep Stress Incr NO	WB 0.13	Horz(CT) 0.00	7	n/a	n/a		
BCDL 10.0	Code IRC2018/TPI2014	Matrix-R					Weight: 36 lb	FT = 20%F, 9%E

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-11-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 5-11-12.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 7 except 12=331(LC 1), 11=925(LC 1), 10=898(LC 1), 9=948(LC 1), 8=666(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-11=-546/0, 3-10=-548/0, 4-9=-572/0, 5-8=-418/0

NOTES- (9)
1) Attach ribbon block to truss with 3-10d nails applied to flat face.
2) Gable requires continuous bottom chord bearing.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) 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.
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
7) CAUTION, Do not erect truss backwards.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) All dimensions given in feet-inches-sixteenths (FFI/SS) format.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 7-12=-269(F=-249), 1-6=-413



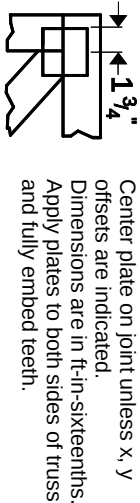
July 12,2021

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

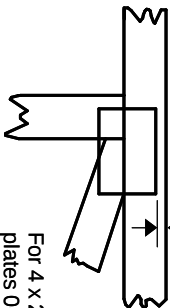


Symbols

PLATE LOCATION AND ORIENTATION



0- $\frac{1}{4}$ to $\frac{1}{8}$ "



For 4 x 2 orientation, locate plates 0- $\frac{1}{8}$ " from outside edge of truss.

—
This symbol indicates the required direction of slots in connector plates.

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

PLATE SIZE

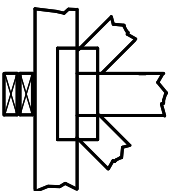
4 X 4
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T, I or Eliminator bracing if indicated.

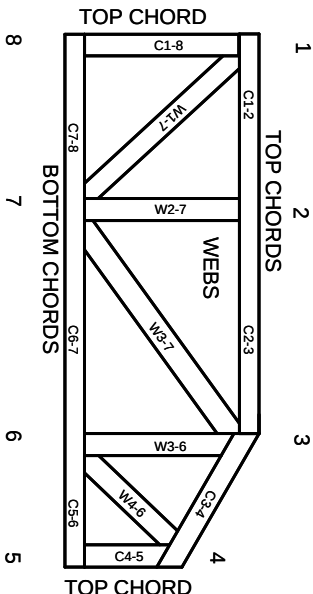
BEARING



Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

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 wane 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.

