



MiTek USA, Inc.
MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661
Telephone 916-755-3571

Re: 2103190

SEASCAPE HOMES Lot 3 Lower Floor

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

Pages or sheets covered by this seal: R66461421 thru R66461439

My license renewal date for the state of Washington is May 25, 2021.



May 14, 2021

Dyer, Cecil

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

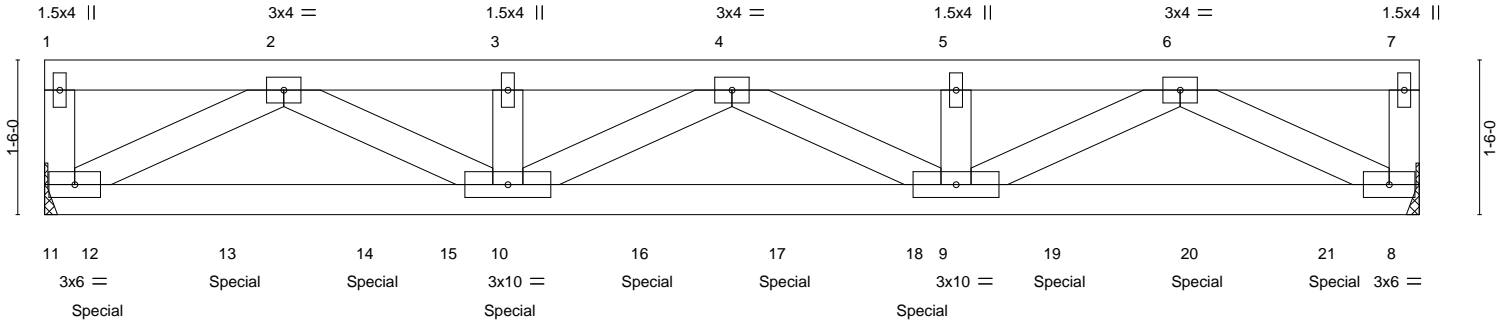
Job 2103190	Truss FT01	Truss Type Floor Girder	Qty 1	Ply 3	SEASCAPE HOMES Lot 3 Lower Floor R66461421
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:12 2021 Page 1
ID:m2Et1_jLRMcutmbE0pT6UzlsNA-TPQT7FwFfA9m1b4sjOZRlbrieyZPrLSFTDL7tlzGt9r

2-0-5

Scale = 1:22.3



13-4-0
13-4-0

LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.29	Vert(LL)	-0.08 10-11	>999	480	MT20	220/195
TCDL 20.0	Lumber DOL	1.00	BC 0.84	Vert(CT)	-0.12 10-11	>999	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.23	Horz(CT)	0.03 8	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-SH					Weight: 178 lb	FT = 11%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 DF No.2

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=Mechanical
Max Grav 11=2863(LC 1), 8=2117(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-490/122, 2-3=-6141/0, 3-4=-6141/0, 4-5=-5410/0, 5-6=-5410/0, 6-7=-341/168
BOT CHORD 10-11=0/3411, 9-10=0/5976, 8-9=0/2962
WEBS 2-11=-3456/0, 2-10=0/3123, 4-10=-218/372, 4-9=-756/123, 6-9=0/2800, 6-8=-3145/0

NOTES-

- 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-6-0 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.
- Unbalanced floor live loads have been considered for this design.
- Refer to girder(s) for truss connections.
- This truss has been designed for a total drag load of 1500 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 13-4-0 for 112.5 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.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 289 lb down at 0-6-4, 289 lb down at 1-10-4, 289 lb down at 3-2-4, 289 lb down at 4-6-4, 289 lb down at 5-10-4, 289 lb down at 7-2-4, 289 lb down at 8-6-4, 289 lb down at 9-10-4, and 289 lb down at 11-2-4, and 289 lb down at 12-6-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 11-15=-257(F=-250), 8-15=-7, 1-7=-80
Concentrated Loads (lb)
Vert: 10=-289(B) 12=-289(B) 13=-289(B) 14=-289(B) 16=-289(B) 17=-289(B) 18=-289(B) 19=-289(B) 20=-289(B) 21=-289(B)



May 14, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.

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



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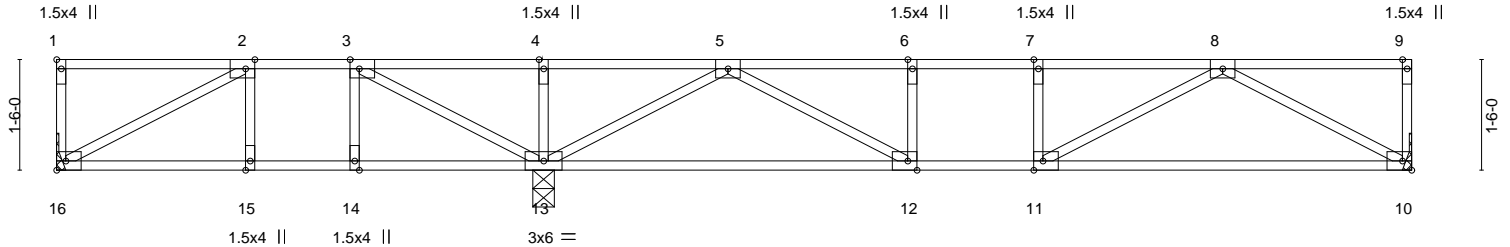
Job 2103190	Truss F01	Truss Type Floor	Qty 6	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461422 Job Reference (optional)
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:32:58 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-tjaABSITyOIMR?AuSJ9BeGJtJvFZ19bF2yOPYzGtA3



Scale = 1:31.2



	6-7-4	18-4-8
	6-7-4	11-9-4
Plate Offsets (X,Y)--	[1:Edge,0-0-12], [2:0-1-8,Edge], [3:0-1-8,Edge], [11:0-1-8,Edge], [12:0-1-8,Edge]	

LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 40.0	Plate Grip DOL	1.00	TC 0.31	Vert(LL)	-0.06	10-11	>999	480	MT20	220/195
TCDL 20.0	Lumber DOL	1.00	BC 0.32	Vert(CT)	-0.11	10-11	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.16	Horz(CT)	0.01	10	n/a	n/a		
BCDL 5.0	Code	IRC2015/TPI2014	Matrix-SH							
									Weight: 84 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 13=0-3-8, 16=Mechanical, 10=Mechanical
Max Grav 13=859(LC 8), 16=280(LC 10), 10=496(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-339/0, 5-6=-1035/0, 6-7=-1035/0, 7-8=-1035/0
BOT CHORD 15-16=0/339, 14-15=0/339, 13-14=0/339, 12-13=0/675, 11-12=0/1035, 10-11=0/733
WEBS 2-16=-385/0, 3-13=-512/0, 8-10=-837/0, 5-13=-876/0, 8-11=0/344, 5-12=0/479

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 3x4 MT20 unless otherwise indicated.
 - 3) Refer to girder(s) for truss to truss connections.
 - 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.



May 14, 2021

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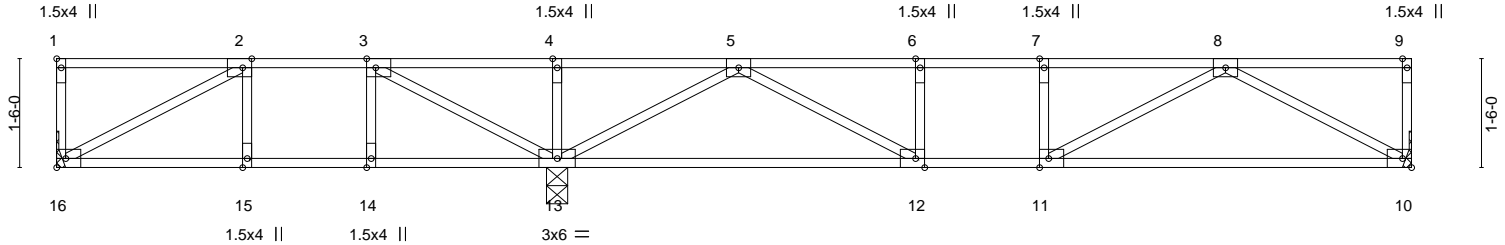
Job 2103190	Truss F02	Truss Type Floor	Qty 10	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461423
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Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:32:59 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-Lv8YPom5JAWc_baMS9qOkroUgiFUIUQkTihxxzGtA2



Scale: 3/8"=1'



	6-10-12	18-8-0
	6-10-12	11-9-4
Plate Offsets (X,Y)--	[1:Edge,0-0-12], [2:0-1-8,Edge], [3:0-1-8,Edge], [11:0-1-8,Edge], [12:0-1-8,Edge]	

LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.30	Vert(LL) -0.06 10-11 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.32	Vert(CT) -0.11 10-11 >999 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.15	Horz(CT) 0.02 10 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 85 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 13=0-3-8, 16=Mechanical, 10=Mechanical
Max Grav 13=865(LC 8), 16=293(LC 10), 10=500(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-364/0, 5-6=-1053/0, 6-7=-1053/0, 7-8=-1053/0
BOT CHORD 15-16=0/364, 14-15=0/364, 13-14=0/364, 12-13=0/704, 11-12=0/1053, 10-11=0/741
WEBS 2-16=-414/0, 3-13=-516/0, 8-10=-846/0, 5-13=-872/0, 8-11=0/356, 5-12=0/473

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 3x4 MT20 unless otherwise indicated.
 - 3) Refer to girder(s) for truss to truss connections.
 - 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.



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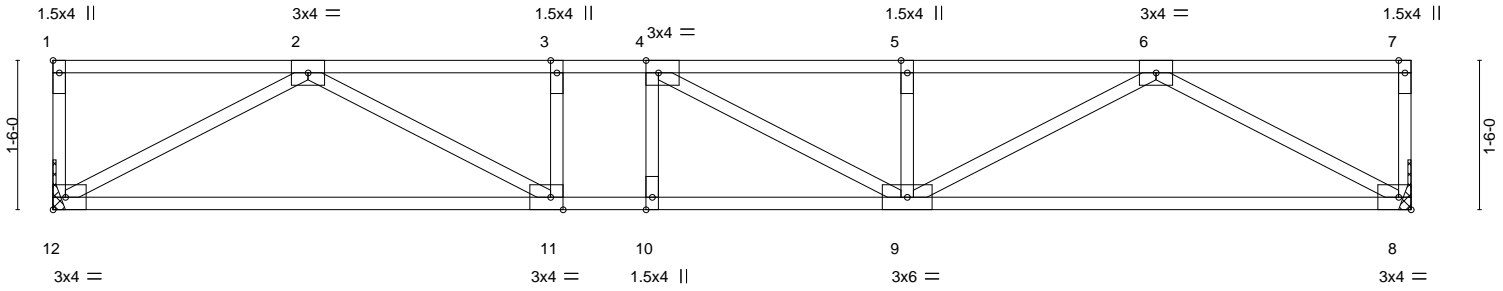
Job 2103190	Truss F03	Truss Type Floor	Qty 4	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461424
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:00 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-p5ixc8njUUeTbI9Z0sLdG3LfA6Z61xDuIMRUTRzGtA1



Scale = 1:23.2



13-7-12
13-7-12

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]					
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.32	Vert(LL) -0.07 9-10 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.49	Vert(CT) -0.10 9-10 >999 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.18	Horz(CT) 0.02 8 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 64 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 8=Mechanical, 12=Mechanical
Max Grav 8=586(LC 1), 12=586(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1398/0, 3-4=-1398/0, 4-5=-1389/0, 5-6=-1389/0
BOT CHORD 11-12=0/898, 10-11=0/1398, 9-10=0/1398, 8-9=0/894
WEBS 6-8=-1020/0, 2-12=-1025/0, 6-9=0/565, 2-11=0/576

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
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.



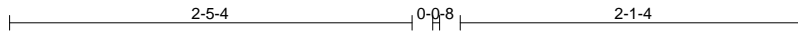
May 14, 2021

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Job 2103190	Truss F04	Truss Type Floor	Qty 4	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461425
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:00 2021 Page 1
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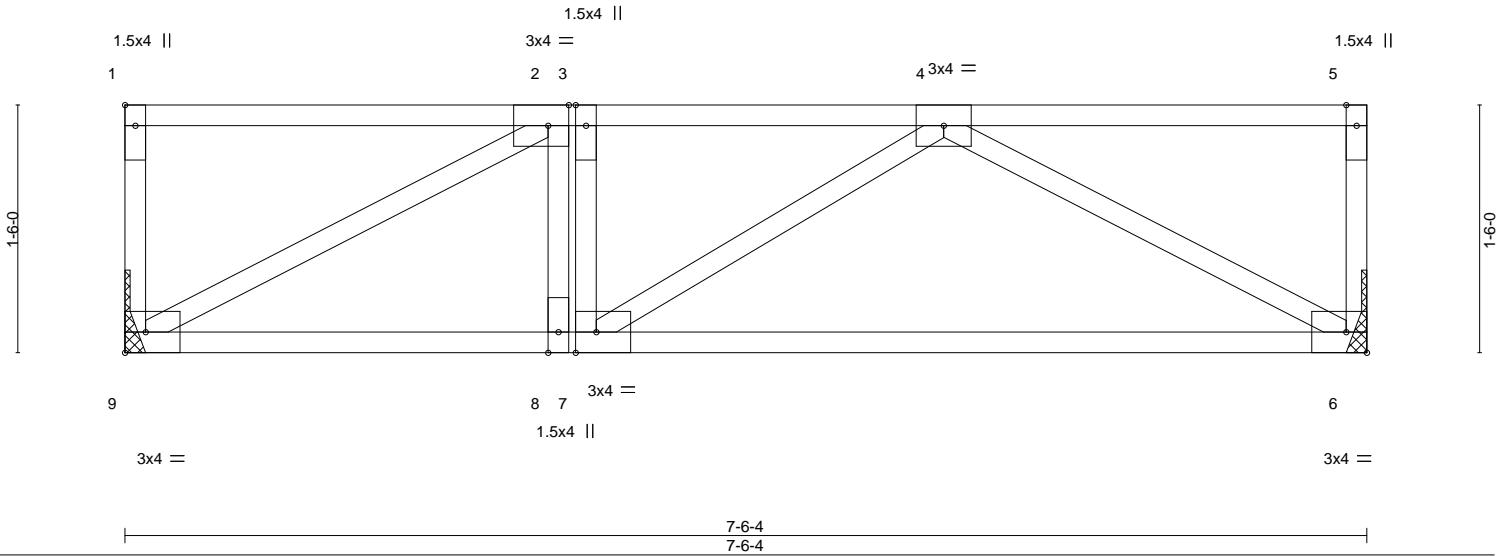


Plate Offsets (X, Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]

LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 40.0	Plate Grip DOL	1.00	TC 0.23	Vert(LL)	-0.01	6-7	>999	480	MT20	220/195
TCDL 20.0	Lumber DOL	1.00	BC 0.16	Vert(CT)	-0.03	6-7	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.09	Horz(CT)	0.00	6	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-SH							
									Weight: 38 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 6=Mechanical, 9=Mechanical
Max Grav 6=320(LC 1), 9=320(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-430/0, 3-4=-430/0
BOT CHORD 8-9=0/430, 7-8=0/430, 6-7=0/414
WEBS 4-6=-472/0, 2-9=-488/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
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.



May 14, 2021

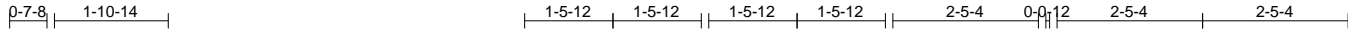
<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	 MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661
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Job 2103190	Truss F05	Truss Type Floor	Qty 9	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461426
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:03 2021 Page 1

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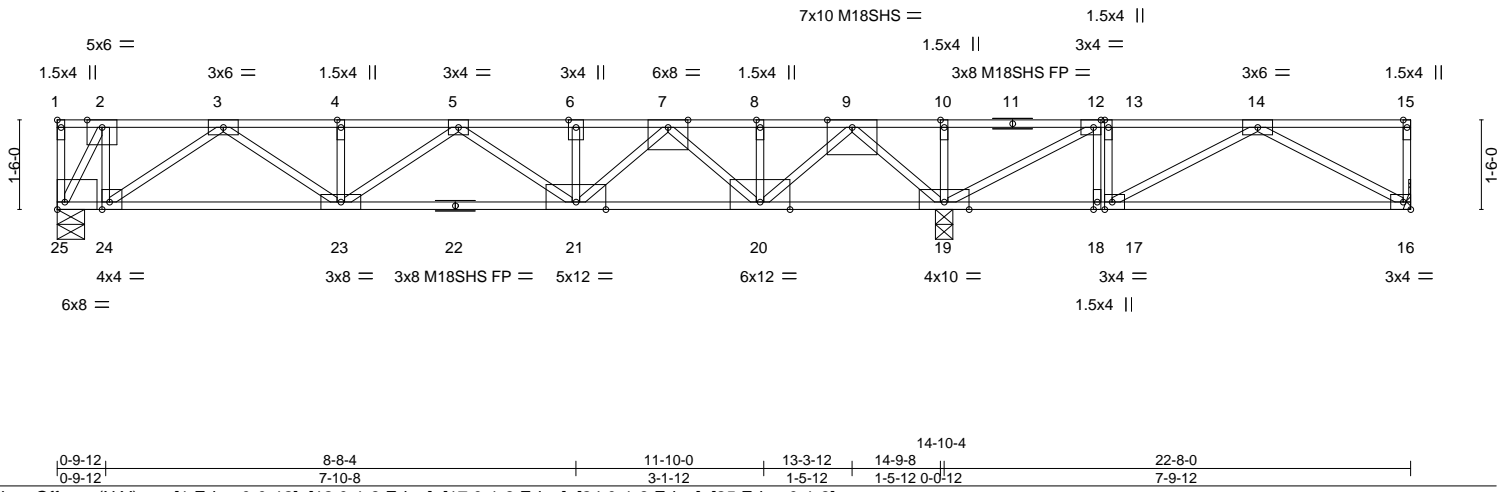


Plate Offsets (X, Y)-- [1:Edge,0-0-12], [12:0-1-8,Edge], [17:0-1-8,Edge], [24:0-1-8,Edge], [25:Edge,0-1-8]					
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.90	Vert(LL) -0.13 21-23 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.92	Vert(CT) -0.21 21-23 >856 360	M18SHS	220/195
BCLL 0.0	Rep Stress Incr NO	WB 0.56	Horz(CT) 0.04 19 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 113 lb	FT = 20%F, 11%E

LUMBER-	BRACING-
TOP CHORD 2x4 DF No.2(flat) *Except* 11-15: 2x4 DF 2400F 2.0E(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 DF No.2(flat)	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 DF No.2(flat)	

REACTIONS. (size) 16=Mechanical, 19=0-3-8, 25=0-5-8
 Max Uplift 16=-432(LC 3)
 Max Grav 19=2805(LC 1), 25=2396(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1298/0, 3-4=-3197/0, 4-5=-3197/0, 5-6=-4094/0, 6-7=-4094/0, 7-8=-778/0,
 8-9=-778/0, 9-10=0/3209, 10-12=0/3209, 12-13=0/1890, 13-14=0/1890
 BOT CHORD 24-25=0/1298, 23-24=0/2367, 21-23=0/3769, 20-21=0/2511, 19-20=-1188/0,
 18-19=-1890/0, 17-18=-1890/0, 16-17=-852/0
 WEBS 6-21=-1622/0, 2-24=0/760, 14-16=0/972, 12-19=-1753/0, 14-17=-1262/0, 12-18=0/261,
 13-17=0/468, 3-24=-1303/0, 3-23=0/1013, 5-23=-697/0, 5-21=0/512, 7-21=0/2134,
 7-20=-2331/0, 9-20=0/2547, 9-19=-2731/0, 2-25=-2711/0

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are MT20 plates unless otherwise indicated.
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 432 lb uplift at joint 16.
 - 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.

LOAD CASE(S) Standard
 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 16-25=-7, 1-15=-80
 Concentrated Loads (lb)
 Vert: 6=-1500 2=-1500



May 14, 2021

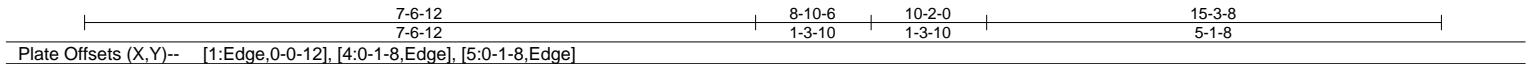
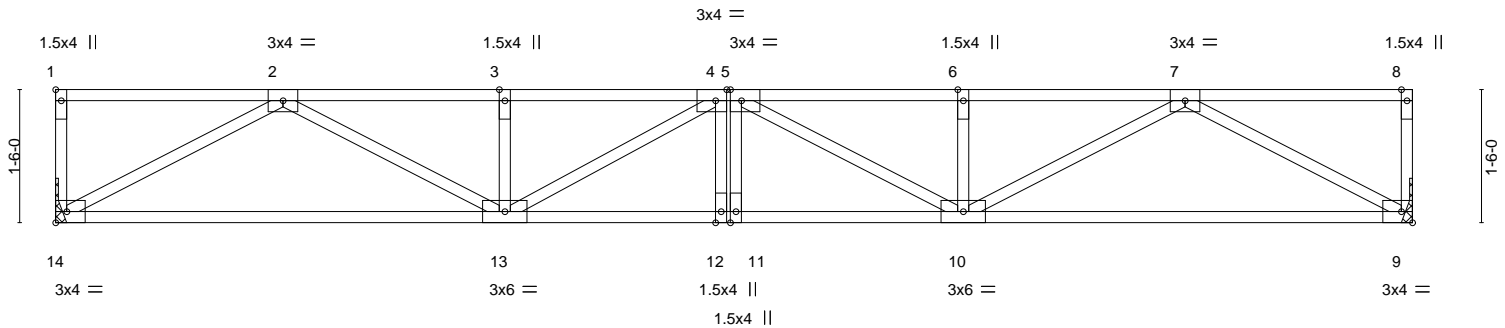
Job 2103190	Truss F06	Truss Type Floor	Qty 3	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461427
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:04 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-itxRSWqEYI9v4MTKFIQZRvVMPjx8zjqTdzPibCzGt9z



Scale = 1:26.0



LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.24	Vert(LL)	-0.07	11	>999	MT20	220/195
TCDL 20.0	Lumber DOL	1.00	BC 0.42	Vert(CT)	-0.11	11	>999		
BCLL 0.0	Rep Stress Incr	YES	WB 0.21	Horz(CT)	0.03	9	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-SH						
								Weight: 74 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 9=Mechanical, 14=Mechanical
Max Grav 9=657(LC 1), 14=657(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1635/0, 3-4=-1635/0, 4-5=-1833/0, 5-6=-1638/0, 6-7=-1638/0
BOT CHORD 13-14=0/1024, 12-13=0/1833, 11-12=0/1833, 10-11=0/1833, 9-10=0/1023
WEBS 7-9=-1168/0, 2-14=-1168/0, 7-10=0/701, 2-13=0/698, 5-10=-310/3, 4-13=-314/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
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.



May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	 MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661
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Job 2103190	Truss F07	Truss Type Floor	Qty 10	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461428 Job Reference (optional)
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Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:06 2021 Page 1
ID:m2Et1_jLRMcuCtmbE0pT6UzIsNA-eF3CtBsU4KpCjGciM7S1WKbcZXWfRclm4Hupg5zGt9x



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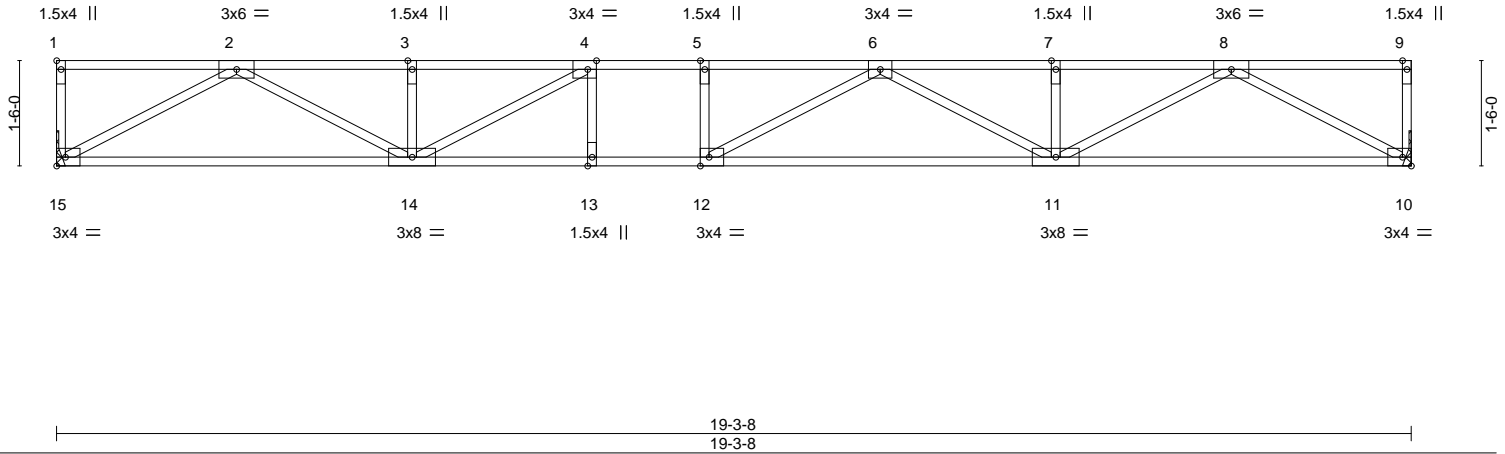


Plate Offsets (X,Y)--	[1:Edge,0-0-12], [4:0-1-8,Edge], [12:0-1-8,Edge]				
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.58	Vert(LL) -0.22 11-12 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.86	Vert(CT) -0.37 11-12 >623 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.27	Horz(CT) 0.06 10 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 88 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 10=Mechanical, 15=Mechanical
Max Grav 10=831(LC 1), 15=831(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2253/0, 3-4=-2253/0, 4-5=-2847/0, 5-6=-2847/0, 6-7=-2268/0, 7-8=-2268/0
BOT CHORD 14-15=0/1337, 13-14=0/2847, 12-13=0/2847, 11-12=0/2779, 10-11=0/1342
WEBS 8-10=-1532/0, 2-15=-1526/0, 8-11=0/1057, 2-14=0/1045, 6-11=-583/0, 4-14=-787/0, 6-12=-141/335

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
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.



May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	 MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661
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Job 2103190	Truss F08	Truss Type Floor	Qty 2	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461429
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:07 2021 Page 1
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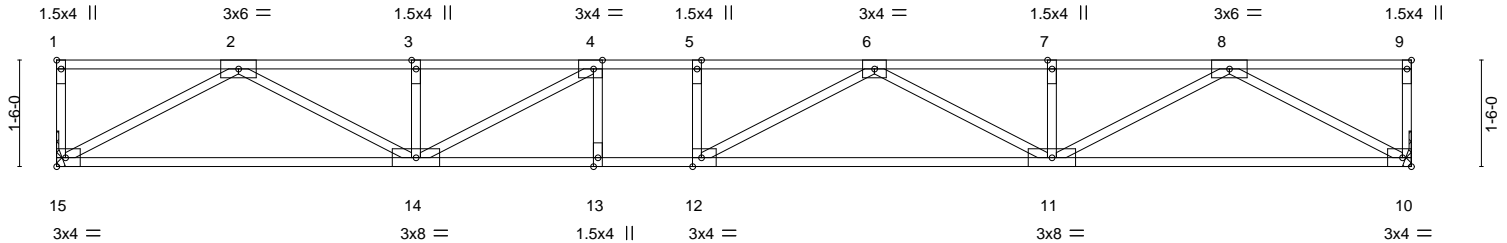


Plate Offsets (X,Y)--	[1:Edge,0-0-12], [4:0-1-8,Edge], [12:0-1-8,Edge]
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LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.53	Vert(LL)	-0.20	11-12	>999	MT20	220/195
TCDL 20.0	Lumber DOL	1.00	BC 0.80	Vert(CT)	-0.33	11-12	>683		
BCLL 0.0	Rep Stress Incr	YES	WB 0.27	Horz(CT)	0.05	10	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-SH						
								Weight: 88 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 10=Mechanical, 15=Mechanical
Max Grav 10=822(LC 1), 15=822(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2222/0, 3-4=-2222/0, 4-5=-2789/0, 5-6=-2789/0, 6-7=-2235/0, 7-8=-2235/0
BOT CHORD 14-15=0/1320, 13-14=0/2789, 12-13=0/2789, 11-12=0/2730, 10-11=0/1326
WEBS 8-10=-1513/0, 2-15=-1507/0, 8-11=0/1038, 2-14=0/1029, 6-11=-565/0, 4-14=-748/0, 6-12=-149/316

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
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.



May 14, 2021

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Job 2103190	Truss F09	Truss Type Floor	Qty 8	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461430
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:08 2021 Page 1
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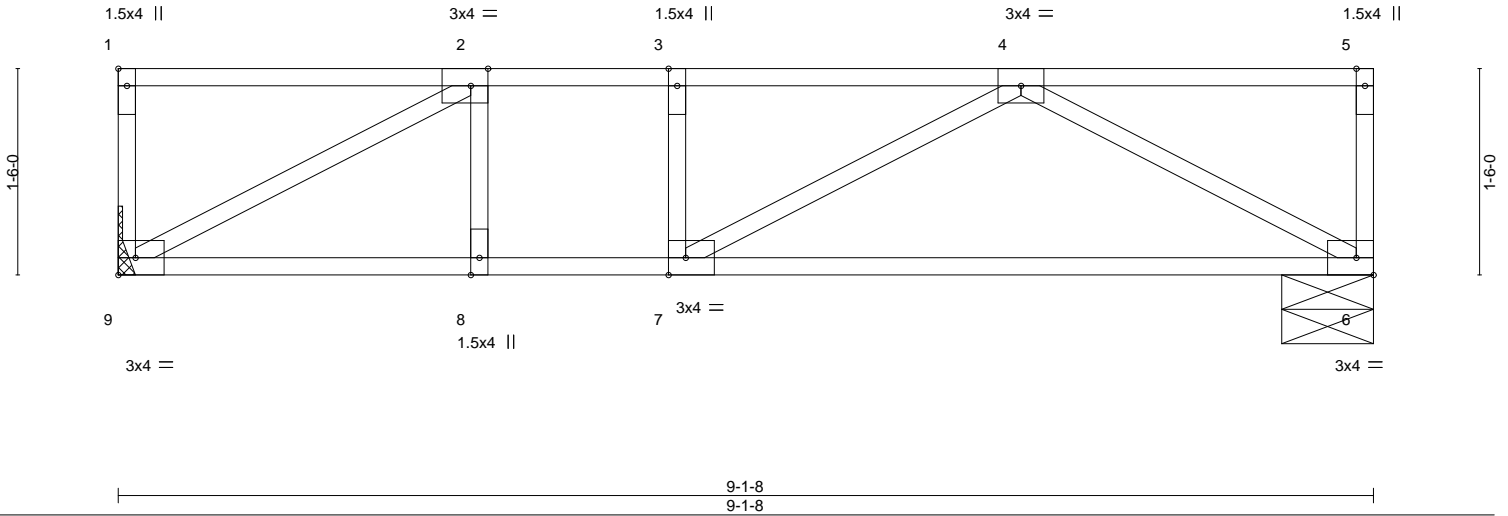


Plate Offsets (X,Y)--	[1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]				
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.40	Vert(LL) -0.07 6-7 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.39	Vert(CT) -0.13 6-7 >807 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.12	Horz(CT) 0.01 6 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 43 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 6=0-8-0, 9=Mechanical
Max Grav 6=390(LC 1), 9=390(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-606/0, 3-4=-606/0
BOT CHORD 8-9=0/606, 7-8=0/606, 6-7=0/541
WEBS 4-6=-618/0, 2-9=-688/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
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.



May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	 MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661
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Job 2103190	Truss F10	Truss Type Floor	Qty 5	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461431
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Louws Truss, Inc, Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:09 2021 Page 1
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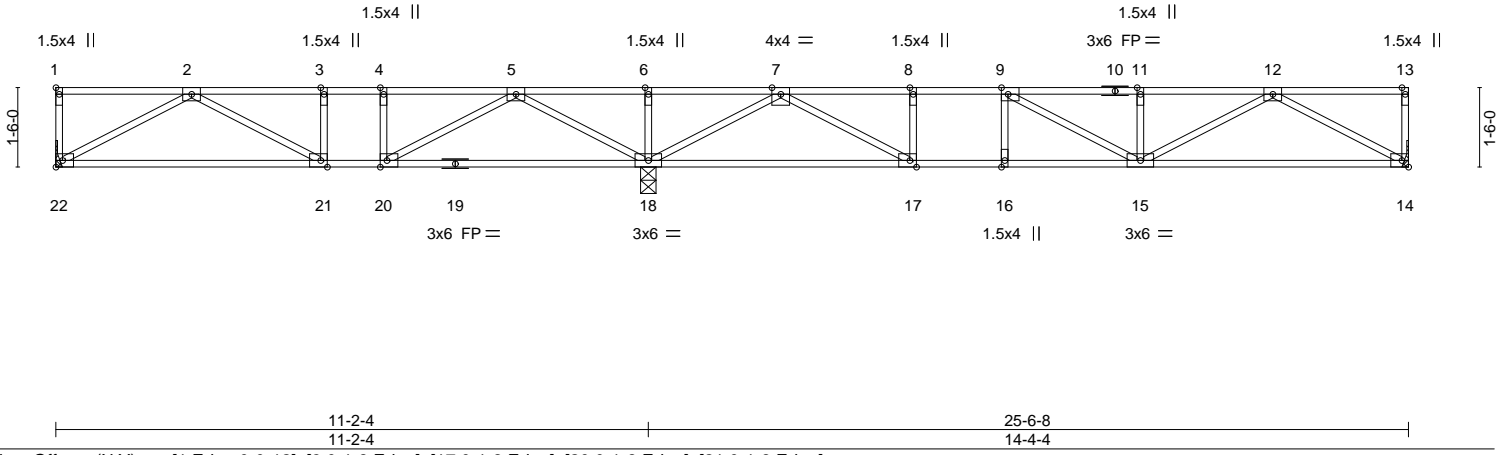


Plate Offsets (X,Y)--	[1:Edge,0-0-12], [9:0-1-8,Edge], [17:0-1-8,Edge], [20:0-1-8,Edge], [21:0-1-8,Edge]				
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.58	Vert(LL) -0.12 15-16 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.71	Vert(CT) -0.19 15-16 >926 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.20	Horz(CT) 0.02 14 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH			
				Weight: 116 lb	FT = 20%F, 11%E

LUMBER-	BRACING-
TOP CHORD 2x4 DF No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 DF No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 6-0-0 oc bracing: 18-20.
WEBS 2x4 DF No.2(flat)	

REACTIONS. (size) 14=Mechanical, 18=0-3-8, 22=Mechanical
Max Grav 14=584(LC 7), 18=1219(LC 1), 22=445(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-841/0, 3-4=-841/0, 4-5=-841/0, 5-6=0/595, 6-7=0/595, 7-8=-1335/0, 8-9=-1335/0, 9-11=-1395/0, 11-12=-1395/0
BOT CHORD 21-22=0/641, 20-21=0/841, 18-20=-34/468, 17-18=0/652, 16-17=0/1335, 15-16=0/1335, 14-15=0/891
WEBS 2-22=-732/0, 5-18=-915/0, 5-20=0/530, 12-14=-1017/0, 7-18=-1153/0, 12-15=0/575, 7-17=0/833, 11-15=-259/0, 8-17=-293/0

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 3x4 MT20 unless otherwise indicated.
 - 3) Refer to girder(s) for truss to truss connections.
 - 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.



May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	 MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661
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Job 2103190	Truss F11	Truss Type Floor	Qty 6	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461432
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:10 2021 Page 1
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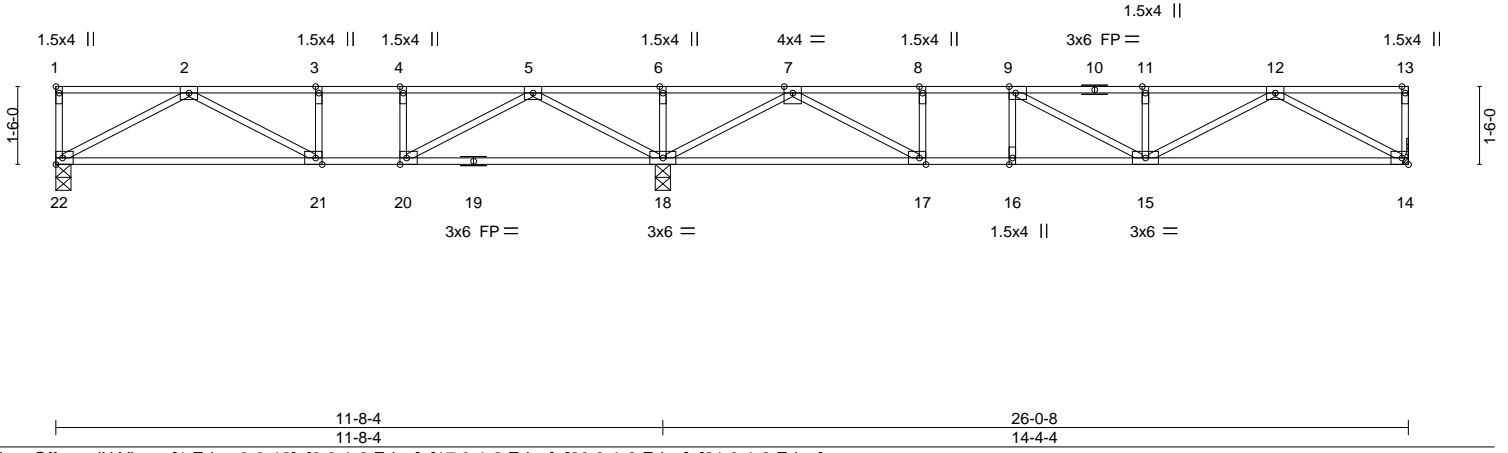


Plate Offsets (X,Y)--	[1:Edge,0-0-12], [9:0-1-8,Edge], [17:0-1-8,Edge], [20:0-1-8,Edge], [21:0-1-8,Edge]				
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.57	Vert(LL) -0.12 15-16 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.71	Vert(CT) -0.18 15-16 >928 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.21	Horz(CT) 0.03 14 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH			
				Weight: 117 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 14=Mechanical, 18=0-3-8, 22=0-3-8
Max Grav 14=594(LC 7), 18=1227(LC 1), 22=470(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-927/0, 3-4=-927/0, 4-5=-927/0, 5-6=0/546, 6-7=0/546, 7-8=-1394/0, 8-9=-1394/0, 9-11=-1428/0, 11-12=-1428/0
BOT CHORD 21-22=0/685, 20-21=0/927, 18-20=0/514, 17-18=0/734, 16-17=0/1394, 15-16=0/1394, 14-15=0/909
WEBS 2-22=-782/0, 5-18=-937/0, 2-21=0/276, 5-20=0/563, 12-14=-1037/0, 7-18=-1156/0, 12-15=0/593, 7-17=0/838, 11-15=-258/0, 8-17=-294/0

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 3x4 MT20 unless otherwise indicated.
 - 3) Refer to girder(s) for truss to truss connections.
 - 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.



May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	<p>MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661</p>
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Job 2103190	Truss F06B	Truss Type Floor Girder	Qty 1	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461433 Job Reference (optional)
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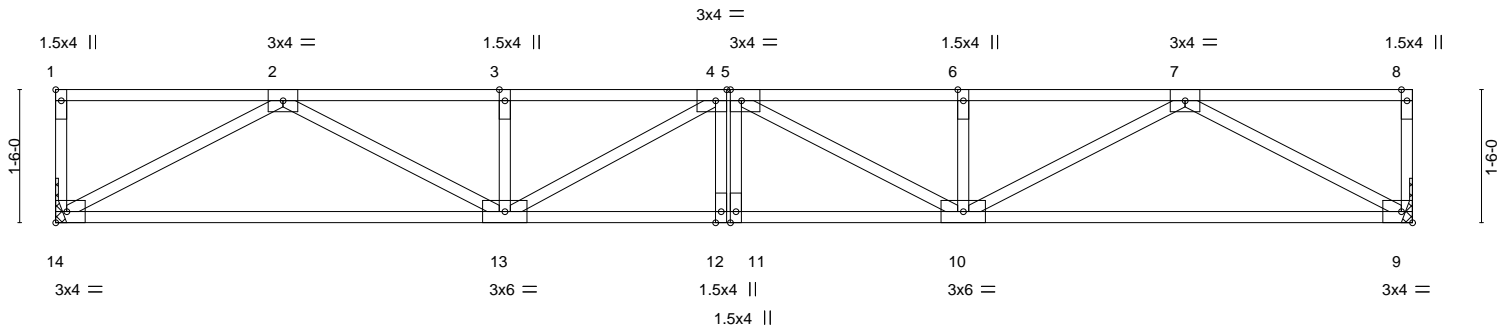
Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:06 2021 Page 1

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Scale = 1:26.0



	7-6-12 7-6-12	8-10-6 1-3-10	10-2-0 1-3-10	15-3-8 5-1-8
Plate Offsets (X,Y)--	[1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge]			

LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 40.0	Plate Grip DOL	1.00	TC 0.28	Vert(LL)	-0.07	11	>999	480	MT20	220/195
TCDL 20.0	Lumber DOL	1.00	BC 0.46	Vert(CT)	-0.11	11	>999	360		
BCLL 0.0	Rep Stress Incr	NO	WB 0.23	Horz(CT)	0.03	9	n/a	n/a		
BCDL 5.0	Code IRC2015/TP12014		Matrix-SH							
									Weight: 74 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 9=Mechanical, 14=Mechanical
 Max Uplift 9=143(LC 7), 14=143(LC 6)
 Max Grav 9=792(LC 2), 14=792(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-572/572, 2-3=-1811/133, 3-4=-1807/128, 4-5=-1833/0, 5-6=-1830/156,
 6-7=-1813/133, 7-8=-572/572
 BOT CHORD 13-14=-314/1293, 12-13=-101/1983, 11-12=0/1833, 10-11=-129/2004, 9-10=-314/1293
 WEBS 7-9=-1476/358, 2-14=-1476/358, 7-10=-447/1083, 2-13=-447/1080, 5-10=-770/644,
 4-13=-756/620

- NOTES-**
- 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 143 lb uplift at joint 9 and 143 lb uplift at joint 14.
 - 4) This truss has been designed for a total drag load of 3500 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 15-3-8 for 228.9 plf.
 - 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.



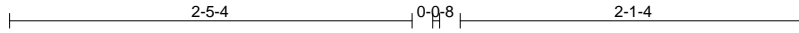
May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	<p>MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661</p>
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Job 2103190	Truss F04B	Truss Type Floor Girder	Qty 1	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor Job Reference (optional)	R66461434
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:02 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-IUqh1qp_05uBr2Jx7HO5LUQ_gw1VqfAAGwbYKzGtA?



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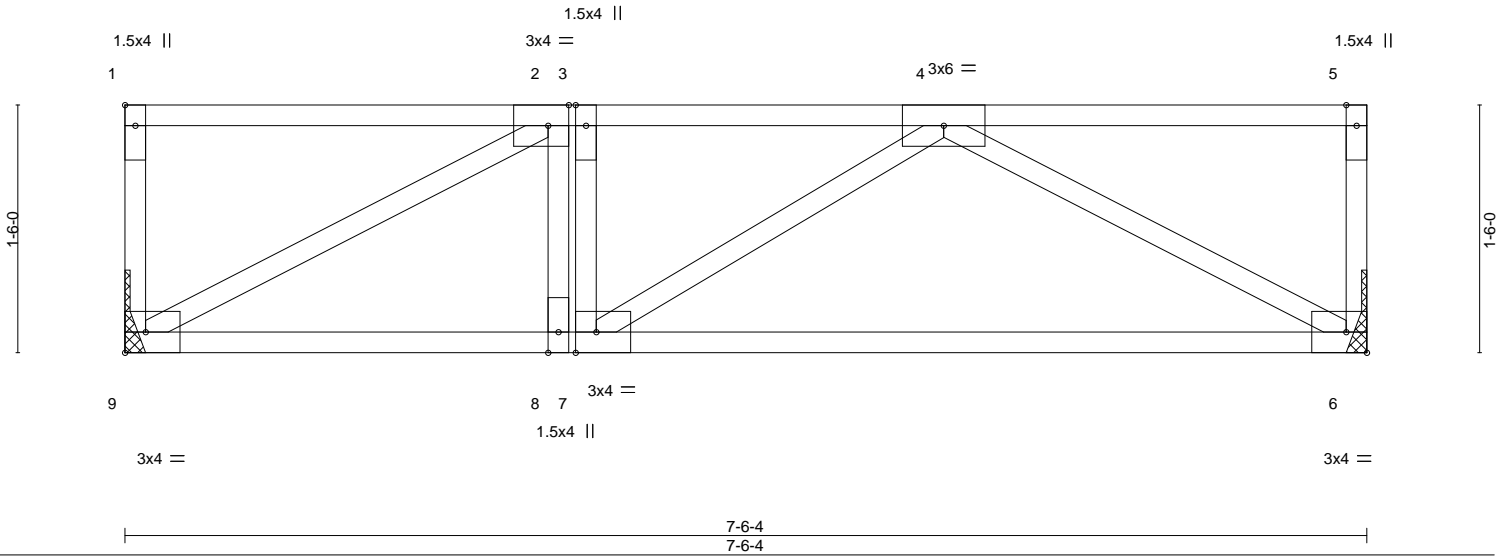


Plate Offsets (X,Y)--	[1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]				
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.38	Vert(LL) -0.03 6-7 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.27	Vert(CT) -0.05 6-7 >999 360		
BCLL 0.0	Rep Stress Incr NO	WB 0.25	Horz(CT) 0.01 6 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 38 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 6=Mechanical, 9=Mechanical
 Max Uplift 6=-556(LC 7), 9=-556(LC 6)
 Max Grav 6=763(LC 4), 9=763(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-1073/1193, 2-3=-430/0, 3-4=-1215/930, 4-5=-1163/1163
 BOT CHORD 8-9=-996/1282, 7-8=0/430, 6-7=-907/1105
 WEBS 4-6=-1503/1212, 2-9=-1590/1266, 4-7=-1221/1258, 2-8=-330/234, 3-7=-339/466

- NOTES-**
- 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 556 lb uplift at joint 6 and 556 lb uplift at joint 9.
 - 4) This truss has been designed for a total drag load of 3500 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 7-6-4 for 465.4 plf.
 - 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.



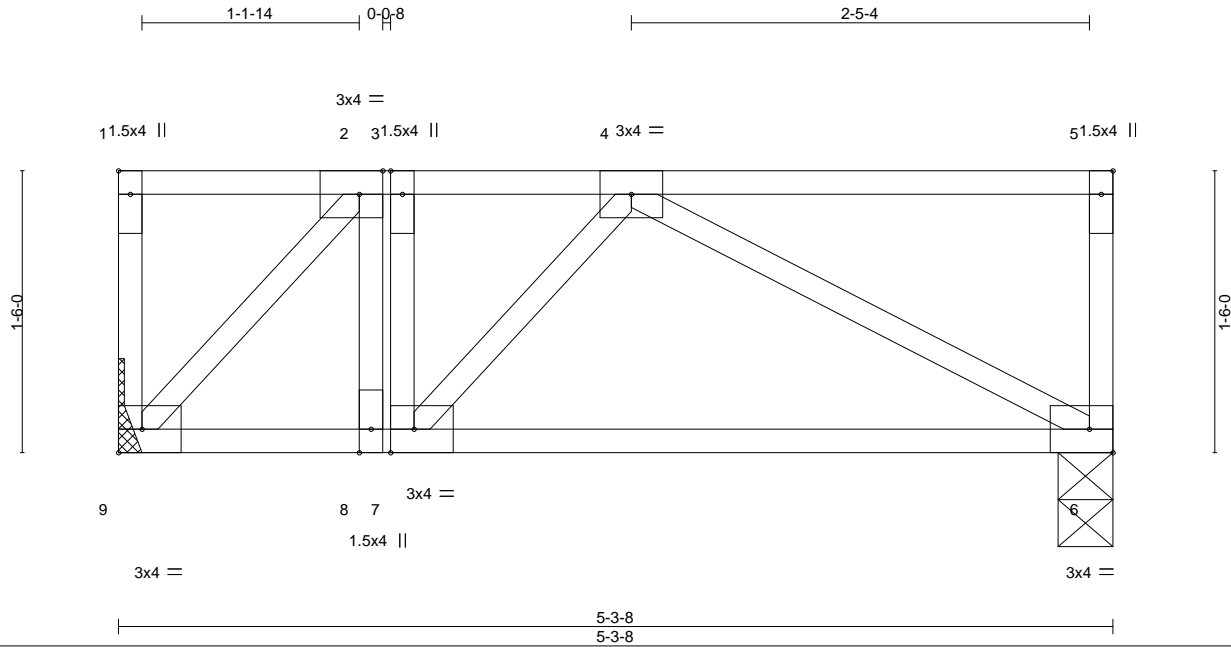
May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	 MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661
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Job 2103190	Truss F12	Truss Type Floor	Qty 16	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461435
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:10 2021 Page 1
ID:m2Et1_jLRMcuclmbE0pT6UzIsNA-W0JjiZv?7Yv2oHwUbzXzgAINE84dNUoM?vs0pszGt9t



Scale = 1:12.3

Plate Offsets (X,Y)--	[1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]				
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.22	Vert(LL) -0.00 6-7 >999 480	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.09	Vert(CT) -0.01 6-7 >999 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.05	Horz(CT) 0.00 6 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 29 lb	FT = 20%F, 11%E

LUMBER-	BRACING-
TOP CHORD 2x4 DF No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 5-3-8 oc purlins, except end verticals.
BOT CHORD 2x4 DF No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 DF No.2(flat)	


REACTIONS. (size) 6=0-3-8, 9=Mechanical
Max Grav 6=224(LC 1), 9=224(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-6=-275/0

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) Refer to girder(s) for truss connections.
 - 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.



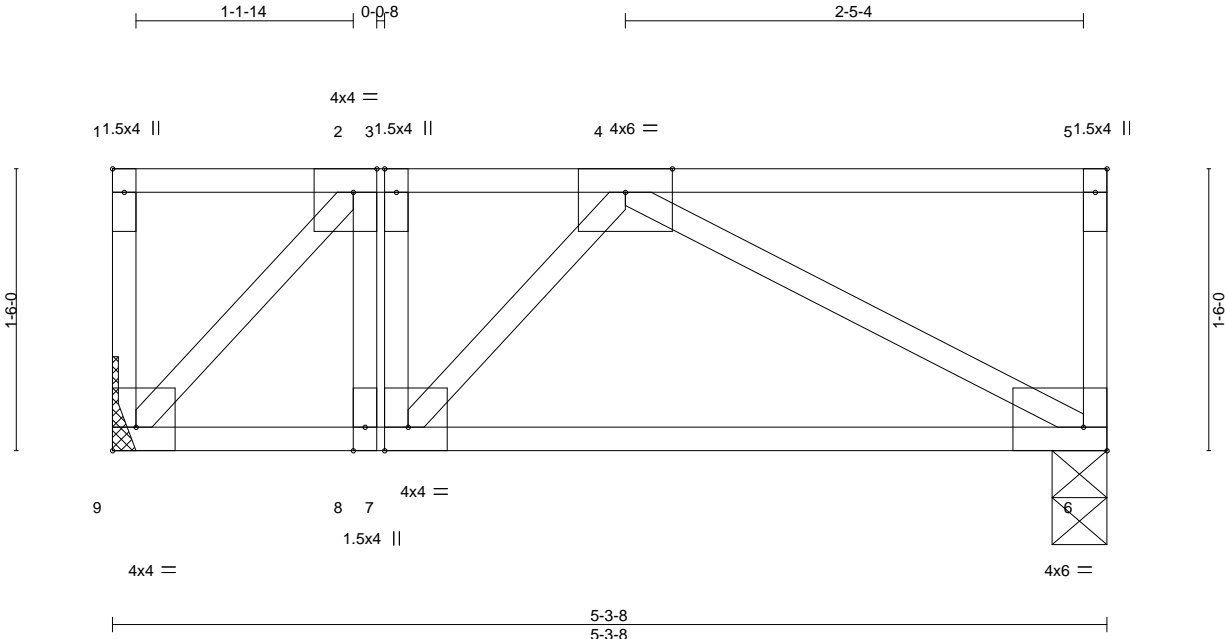
May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.</p> <p>Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	 <p>MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661</p>
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Job 2103190	Truss F12A	Truss Type Floor	Qty 1	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461436
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:11 2021 Page 1
ID:m2Et1_jLRMcuactmbE0pT6UzIsNA-?Ds5wvwdu1vQRVg9g2CDNIXWYNi6tvVEZbaLizGt9s



Scale = 1:12.3

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

LOADING (psf)	SPACING-	1-4-0	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	220/195
TCDL 20.0	Lumber DOL	1.00	BC 0.23	Vert(CT)	-0.02	6-7	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.31	Horz(CT)	0.00	6	n/a	n/a		
BCDL 5.0	Code	IRC2015/TPI2014	Matrix-SH							
									Weight: 29 lb	FT = 20%F, 11%E

LUMBER-	BRACING-
TOP CHORD 2x4 DF No.2(flat)	TOP CHORD Structural wood sheathing directly applied or 5-3-8 oc purlins, except end verticals.
BOT CHORD 2x4 DF No.2(flat)	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 DF No.2(flat)	

REACTIONS. (size) 6=0-3-8, 9=Mechanical
Max Uplift 6=-851(LC 7), 9=-851(LC 6)
Max Grav 6=996(LC 4), 9=996(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-847/847, 3-4=-840/805, 4-5=-1654/1654
BOT CHORD 8-9=-779/895, 6-7=-1349/1497
WEBS 4-6=-1989/1820, 2-9=-1437/1266, 4-7=-1317/1268, 2-8=-418/377, 3-7=-538/663

- NOTES-**
- 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 851 lb uplift at joint 6 and 851 lb uplift at joint 9.
 - 4) This truss has been designed for a total drag load of 3500 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 5-3-8 for 661.4 plf.
 - 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.



May 14, 2021

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Job 2103190	Truss F04A	Truss Type Floor Supported Gable	Qty 1	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461437 Job Reference (optional)
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:01 2021 Page 1
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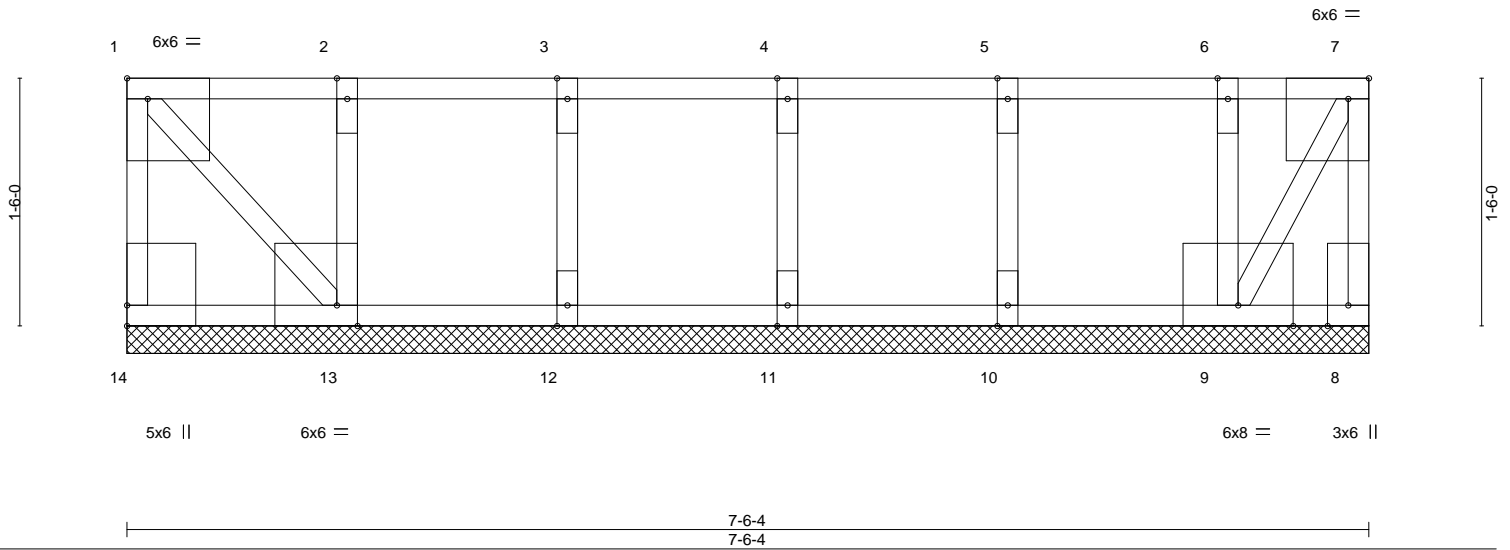


Plate Offsets (X, Y)--	[1:Edge,0-1-8], [7:0-1-8,Edge], [13:0-1-8,Edge]				
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.37	Vert(LL) n/a - n/a 999	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.22	Vert(CT) n/a - n/a 999		
BCLL 0.0	Rep Stress Incr YES	WB 0.50	Horz(CT) -0.00 11 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-P		Weight: 36 lb	FT = 20%F, 11%E

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

REACTIONS. All bearings 7-6-4.
 (lb) - Max Uplift All uplift 100 lb or less at joint(s) except 14=2177(LC 6), 8=2437(LC 7), 13=2138(LC 7), 9=2393(LC 6)
 Max Grav All reactions 250 lb or less at joint(s) 12, 11, 10 except 14=2215(LC 5), 8=2452(LC 4), 13=2264(LC 4), 9=2498(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-14=2210/2182, 7-8=2450/2439, 1-2=1969/1972, 2-3=1437/1440, 3-4=816/819, 4-5=423/426, 5-6=1043/984, 6-7=1375/1378
 BOT CHORD 13-14=591/591, 12-13=1440/1437, 11-12=819/816, 10-11=426/423, 9-10=1046/1043, 8-9=368/368
 WEBS 1-13=2992/2988, 7-9=2835/2829

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2177 lb uplift at joint 14, 2437 lb uplift at joint 8, 2138 lb uplift at joint 13 and 2393 lb uplift at joint 9.
 - 7) This truss has been designed for a total drag load of 3500 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 7-6-4 for 465.4 plf.
 - 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.



May 14, 2021

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



Job 2103190	Truss F06A	Truss Type Floor Supported Gable	Qty 1	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461438 Job Reference (optional)
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:33:05 2021 Page 1
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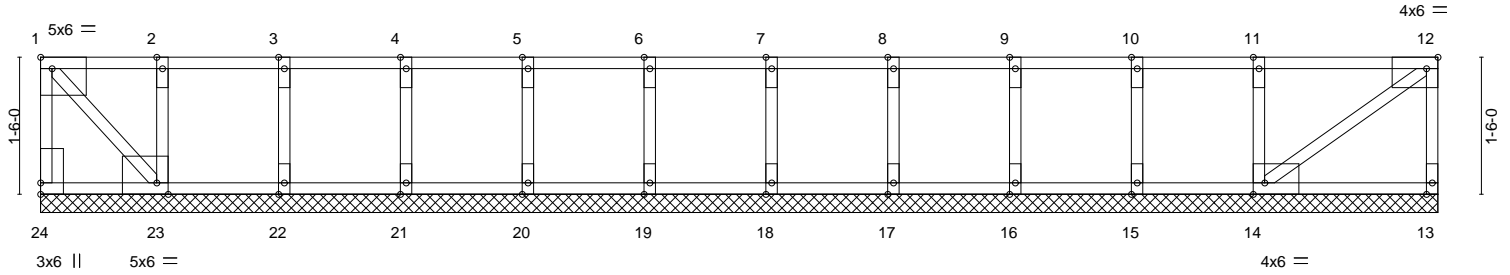


Plate Offsets (X,Y)--	[1:Edge,0-1-8], [12:0-1-8,Edge], [14:0-1-8,Edge], [23:0-1-8,Edge]				
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.30	Vert(LL) n/a - n/a 999	MT20	220/195
TCDL 20.0	Lumber DOL 1.00	BC 0.22	Vert(CT) n/a - n/a 999		
BCLL 0.0	Rep Stress Incr YES	WB 0.40	Horz(CT) -0.01 19 n/a n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH		Weight: 67 lb	FT = 20%F, 11%E

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


REACTIONS. All bearings 15-3-8.
 (lb) - Max Uplift All uplift 100 lb or less at joint(s) except 24=1765(LC 6), 13=1296(LC 7), 23=1727(LC 7), 14=1253(LC 6)
 Max Grav All reactions 250 lb or less at joint(s) 22, 21, 20, 19, 18, 17, 16, 15 except 24=1804(LC 5), 13=1359(LC 4), 23=1853(LC 4), 14=1420(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-24=-1799/1770, 12-13=-1351/1304, 1-2=-1618/1621, 2-3=-1356/1359, 3-4=-1051/1054, 4-5=-746/749, 5-6=-441/444, 7-8=-473/475, 8-9=-778/780, 9-10=-1083/1086, 10-11=-1388/1391, 11-12=-1779/1781
 BOT CHORD 23-24=-291/291, 22-23=-1359/1356, 21-22=-1054/1051, 20-21=-749/746, 19-20=-444/441, 17-18=-475/473, 16-17=-780/778, 15-16=-1086/1083, 14-15=-1391/1388, 13-14=-434/434
 WEBS 1-23=-2431/2427, 12-14=-2254/2251

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1765 lb uplift at joint 24, 1296 lb uplift at joint 13, 1727 lb uplift at joint 23 and 1253 lb uplift at joint 14.
 - 7) This truss has been designed for a total drag load of 3500 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 15-3-8 for 228.9 plf.
 - 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.



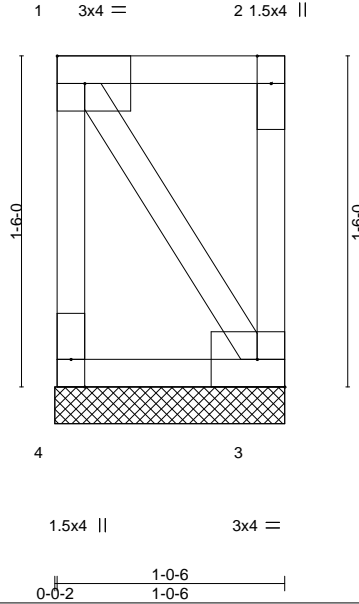
May 14, 2021

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE. Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601</p>	 MiTek USA, Inc. 400 Sunrise Avenue, Suite 270 Roseville, CA 95661
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Job 2103190	Truss B01	Truss Type FLOOR BLOCKING	Qty 143	Ply 1	SEASCAPE HOMES Lot 3 Lower Floor R66461439 Job Reference (optional)
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Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:32:57 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-PW0o_6lrBZGukHQ_KkoweQjC4vf_qcKR0OCqs6zGtA4



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 0.05	Vert(LL)	n/a	-	n/a	MT20	220/195
TCDL 20.0	Lumber DOL	1.00	BC 0.00	Vert(CT)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	3	n/a		
BCDL 5.0	Code	IRC2015/TPI2014	Matrix-P					Weight: 8 lb	FT = 20%F, 11%E

LUMBER-

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

BRACING-

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

REACTIONS.

(size) 4=1-0-8, 3=1-0-8
Max Grav 4=59(LC 1), 3=59(LC 1)

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

NOTES-

- Gable requires continuous bottom chord bearing.
- 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.



May 14, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.

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

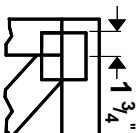
Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



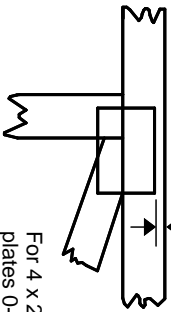
MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" 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

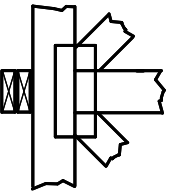
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING



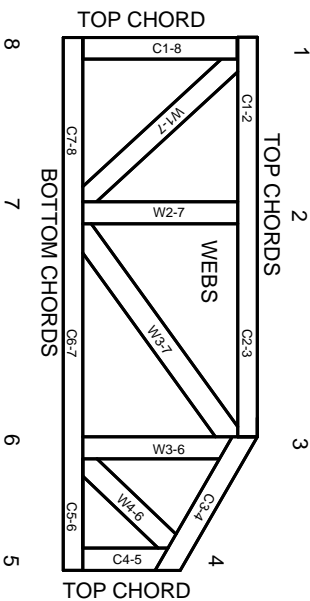
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System

6-4-8 dimensions shown in ft-in-sixteenths (Drawings not to scale)



JOINTS ARE GENERALLY NUMBERED/LETTERED 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, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

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

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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 BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative T or I 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/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 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/TPI 1 Quality Criteria.
21. The design does not take into account any dynamic or other loads other than those expressly stated.



MITek Engineering Reference Sheet: Mill-7473 rev. 5/19/2020