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

Re: 2103190A

SEASCAPE HOMES Lot 3 Upper 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: R66461440 thru R66461478

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	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	FT05	Floor Girder	1	3	R66461440

Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:41:47 2021 Page 1
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2-1-11

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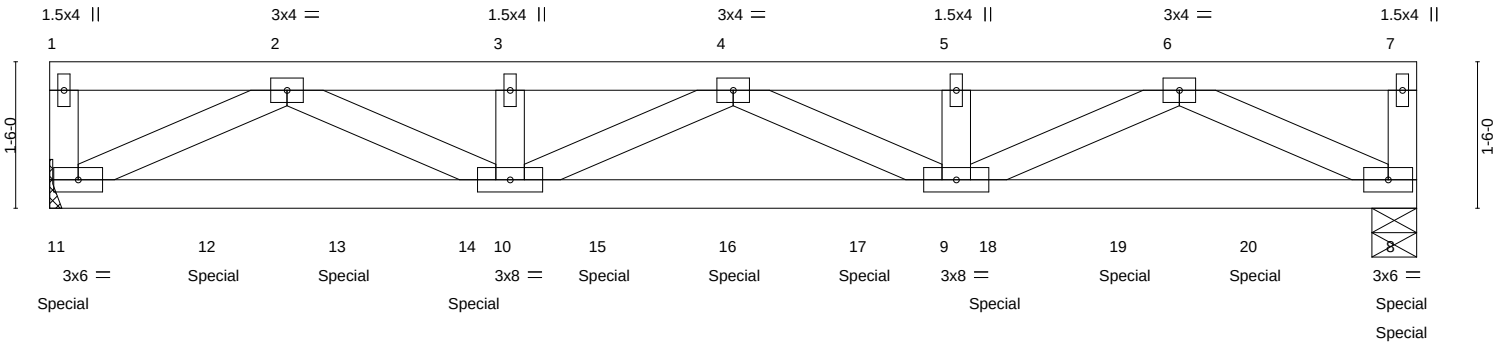

14-0-0
14-0-0

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	0.25	Vert(LL)	-0.07	10-11	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.74	Vert(CT)	-0.12	10-11	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.19	Horz(CT)	0.02	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 185 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=0-5-8
Max Grav 11=2403(LC 1), 8=2044(LC 1)

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

TOP CHORD	1-2=-341/0, 2-3=-5165/0, 3-4=-5165/0, 4-5=-4307/0, 5-6=-4307/0
BOT CHORD	10-11=0/2918, 9-10=0/4941, 8-9=0/2395
WEBS	2-11=-2915/0, 2-10=0/2542, 4-10=0/253, 4-9=-717/0, 6-9=0/2163, 6-8=-2548/0

NOTES-

1) 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.
2) 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.
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) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 169 lb down at 0-1-12, 167 lb down at 1-8-4, 167 lb down at 3-0-4, 167 lb down at 4-4-4, 167 lb down at 5-8-4, 167 lb down at 7-0-4, 167 lb down at 8-4-4, 167 lb down at 9-8-4, 167 lb down at 11-0-4, 167 lb down at 12-4-4, and 169 lb down at 13-10-4, and 366 lb down at 13-10-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 11-14=-257(F=-250), 8-14=-7, 1-7=-80
   Concentrated Loads (lb)
   Vert: 11=-169(B) 8=-534(F=-366, B=-169) 12=-167(B) 13=-167(B) 14=-167(B) 15=-167(B) 16=-167(B) 17=-167(B) 18=-167(B) 19=-167(B) 20=-167(B)

May 14,2021

MiTek USA, Inc.
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Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	FT07	Floor Girder	1	3	R66461441

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:41:59 2021 Page 1
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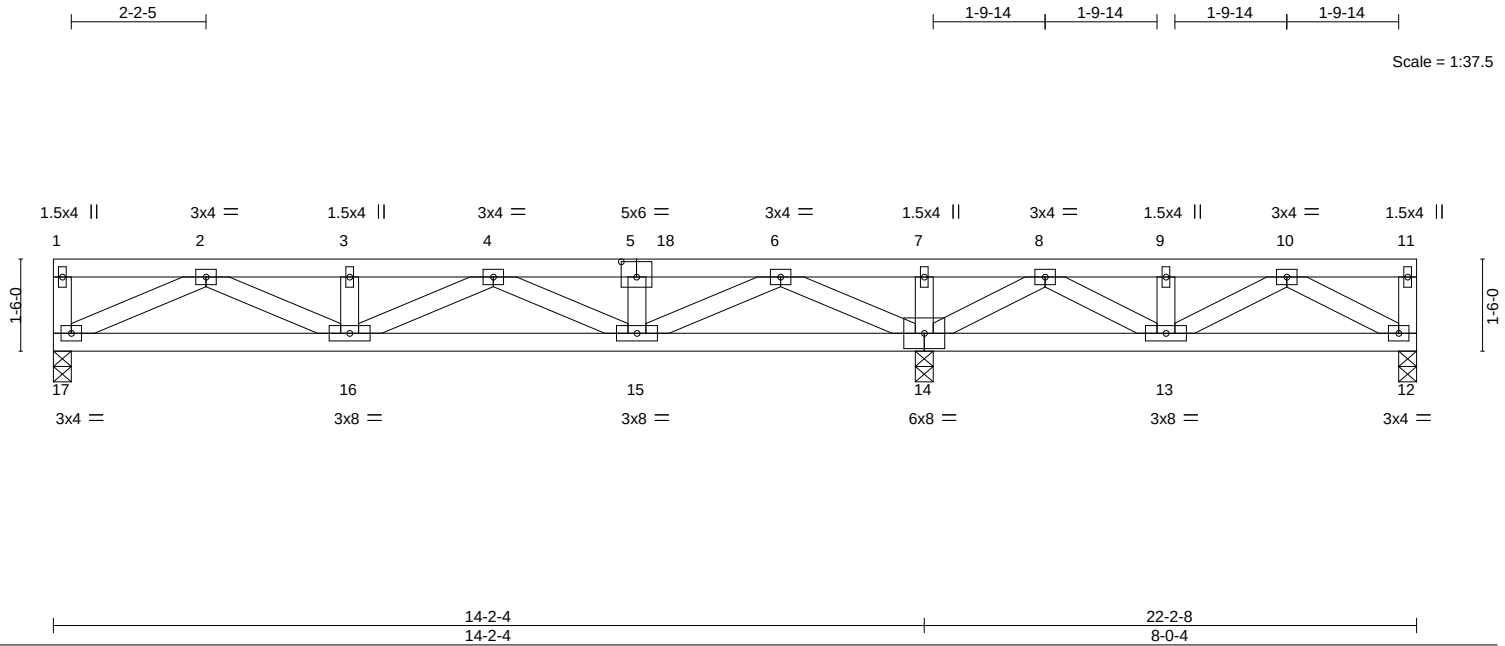

Plate Offsets (X,Y)-- [5:0-3-0,0-3-0]

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	0.46	Vert(LL)	-0.03	15-16	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.20	Vert(CT)	-0.04	15-16	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.15	Horz(CT)	0.01	12	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 294 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 6-0-0 oc bracing.

REACTIONS. (size) 12=0-3-8, 14=0-3-8, 17=0-3-8
Max Grav 12=1627(LC 4), 14=4732(LC 1), 17=631(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 11-12=-444/0, 2-3=-1665/0, 3-4=-1665/0, 4-5=-1781/0, 5-6=-1778/0, 6-7=0/2912, 7-8=0/2912, 8-9=-2214/81, 9-10=-2214/81
BOT CHORD 16-17=0/1031, 15-16=0/1862, 14-15=-421/796, 13-14=-1043/1020, 12-13=0/1955
WEBS 7-14=-1215/0, 2-17=-1125/0, 2-16=0/713, 5-15=-476/0, 6-15=0/1233, 6-14=-3586/0, 8-14=-3399/0, 8-13=0/1823, 9-13=-939/0, 10-13=-417/304, 10-12=-2196/0

NOTES-
1) 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 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) 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.
3) Unbalanced floor live loads have been considered for this design.
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.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-17=-7, 1-18=-80, 11-18=-480

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Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F20A	Floor Supported Gable	1	1	R66461442
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:35:21 2021 Page 1
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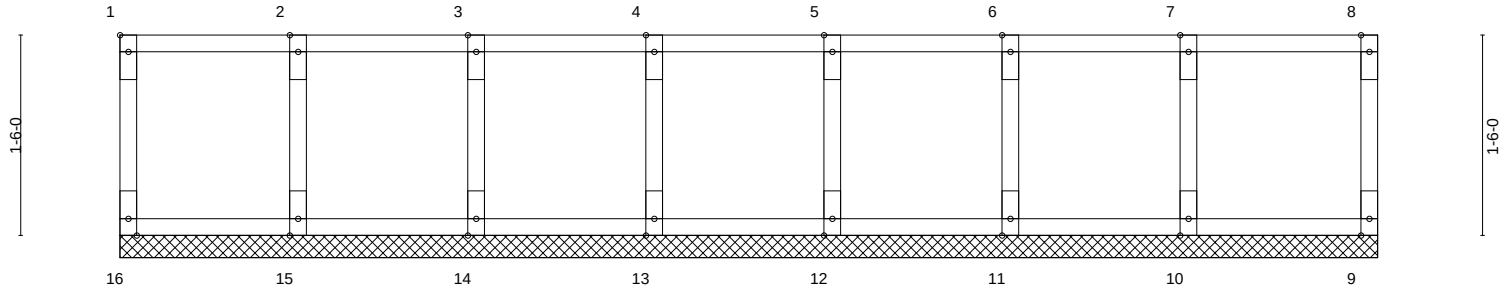

9-5-0
9-5-0

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

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 39 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)
OTHERS	2x4 DF No.2(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 9-5-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 16, 9, 15, 14, 13, 12, 11, 10

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

NOTES-
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) 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.

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Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F20	Floor	1	1	R66461443
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:35:11 2021 Page 1
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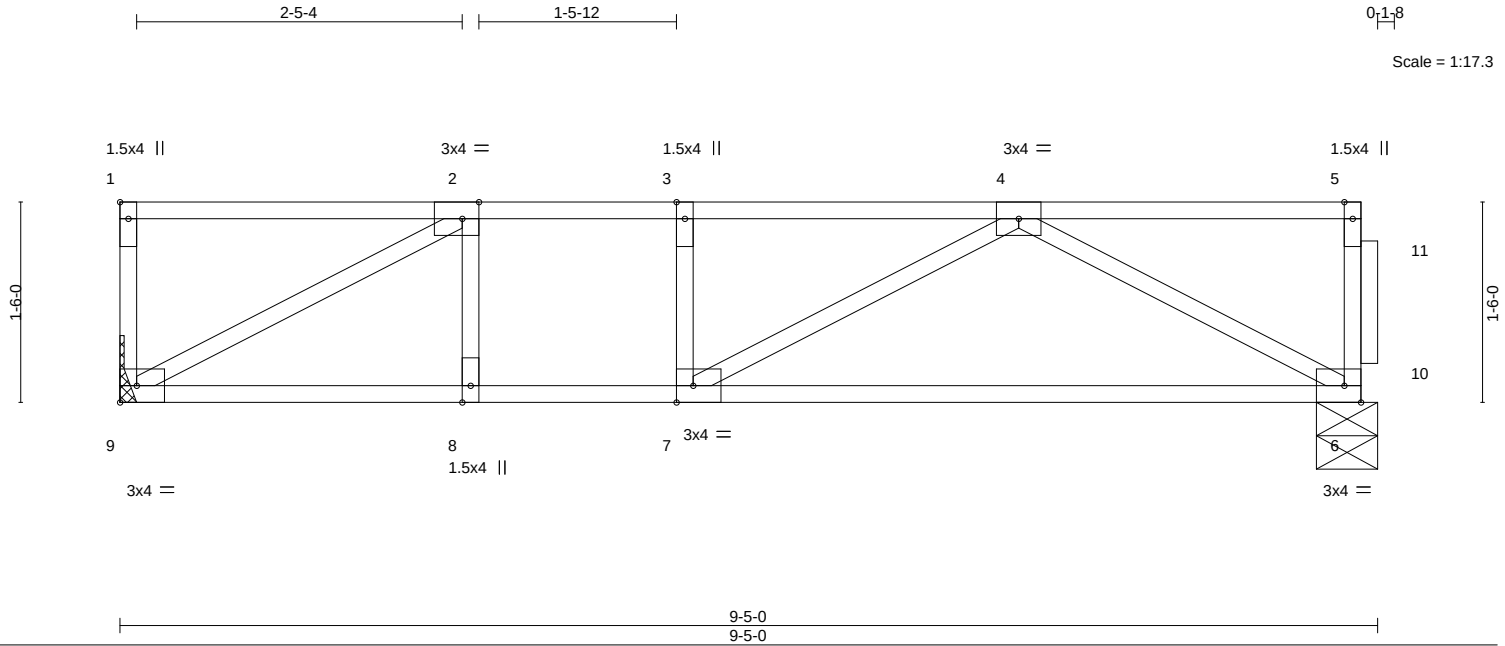

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]

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	0.44	Vert(LL)	-0.08	6-7	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.42	Vert(CT)	-0.15	6-7	>736	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	6	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 44 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=0-5-8, 9=Mechanical
Max Grav 6=397(LC 1), 9=397(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-626/0, 3-4=-626/0
BOT CHORD 8-9=0/626, 7-8=0/626, 6-7=0/554
WEBS 4-6=-632/0, 2-9=-711/0

NOTES-
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) 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	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F21B	Floor Girder	1	1	R66461444

Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:35:43 2021 Page 1
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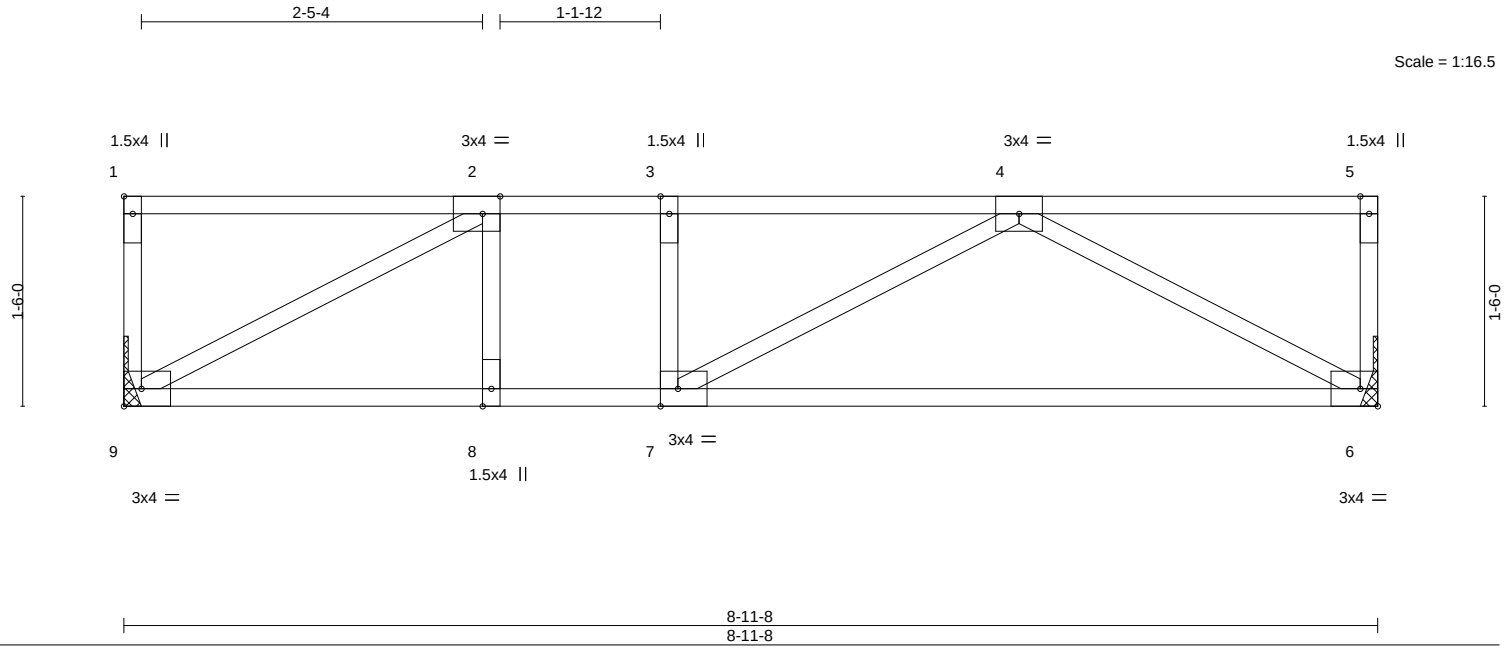

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]

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	0.59	Vert(LL)	-0.14	6-7	>745	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.52	Vert(CT)	-0.20	6-7	>534	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.16	Horz(CT)	0.01	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 42 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 6=Mechanical, 9=Mechanical
Max Uplift 6=-130(LC 7), 9=-130(LC 6)
Max Grav 6=497(LC 2), 9=497(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-429/429, 2-3=-586/0, 3-4=-885/361, 4-5=-419/377
BOT CHORD 8-9=-343/871, 7-8=0/586, 6-7=-288/698
WEBS 4-6=-868/332, 2-9=-1025/437, 4-7=-558/627

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 130 lb uplift at joint 6 and 130 lb uplift at joint 9.
4) 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 8-11-8 for 167.4 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.

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Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F22A	Floor Supported Gable	2	1	R66461445
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:36:04 2021 Page 1
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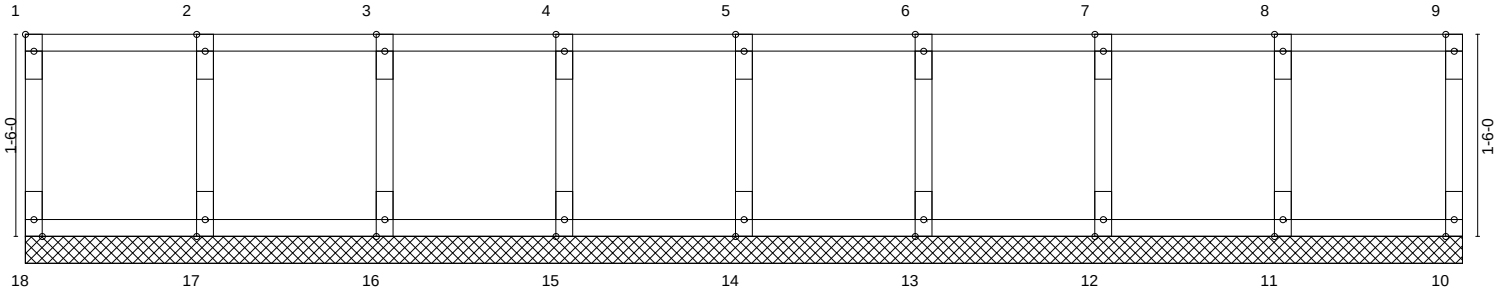

10-8-0
10-8-0

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

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 44 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)
OTHERS	2x4 DF No.2(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 10-8-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 18, 10, 17, 16, 15, 14, 13, 12, 11

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

NOTES-
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) 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.

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Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F21	Floor	7	1	R66461446
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:35:31 2021 Page 1
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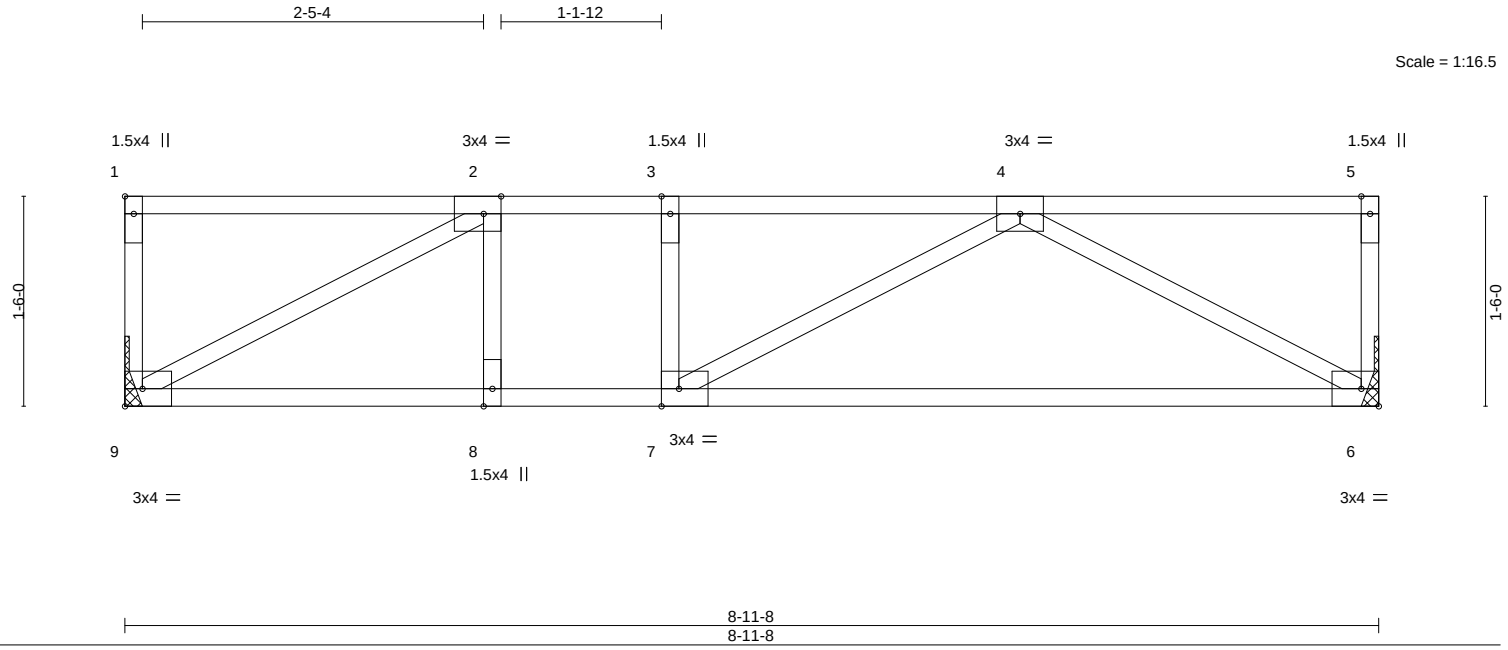

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]

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	0.37	Vert(LL)	-0.06	6-7	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.36	Vert(CT)	-0.12	6-7	>889	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: 42 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=Mechanical, 9=Mechanical
Max Grav 6=383(LC 1), 9=383(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-586/0, 3-4=-586/0
BOT CHORD 8-9=0/586, 7-8=0/586, 6-7=0/529
WEBS 4-6=-604/0, 2-9=-665/0

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.

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Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F22	Floor	11	1	R66461447
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:35:51 2021 Page 1
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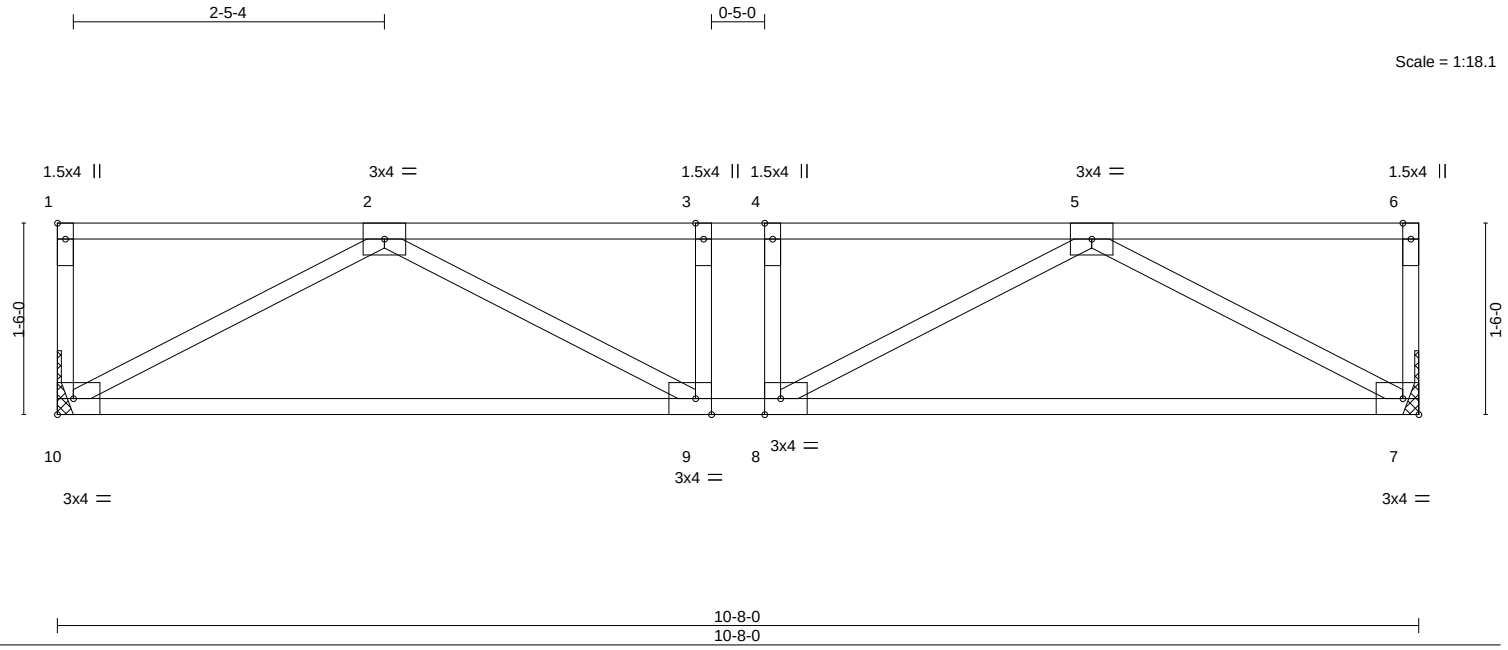

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [8:0-1-8,Edge], [9:0-1-8,Edge]

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	0.24	Vert(LL)	-0.03	7-8	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.25	Vert(CT)	-0.06	9-10	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.13	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 51 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=Mechanical, 10=Mechanical
Max Grav 7=457(LC 1), 10=457(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-902/0, 3-4=-902/0, 4-5=-902/0
BOT CHORD 9-10=0/663, 8-9=0/902, 7-8=0/663
WEBS 5-7=-757/0, 2-10=-757/0, 5-8=0/303, 2-9=0/303

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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F23	Floor	4	1	R66461448
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:36:11 2021 Page 1
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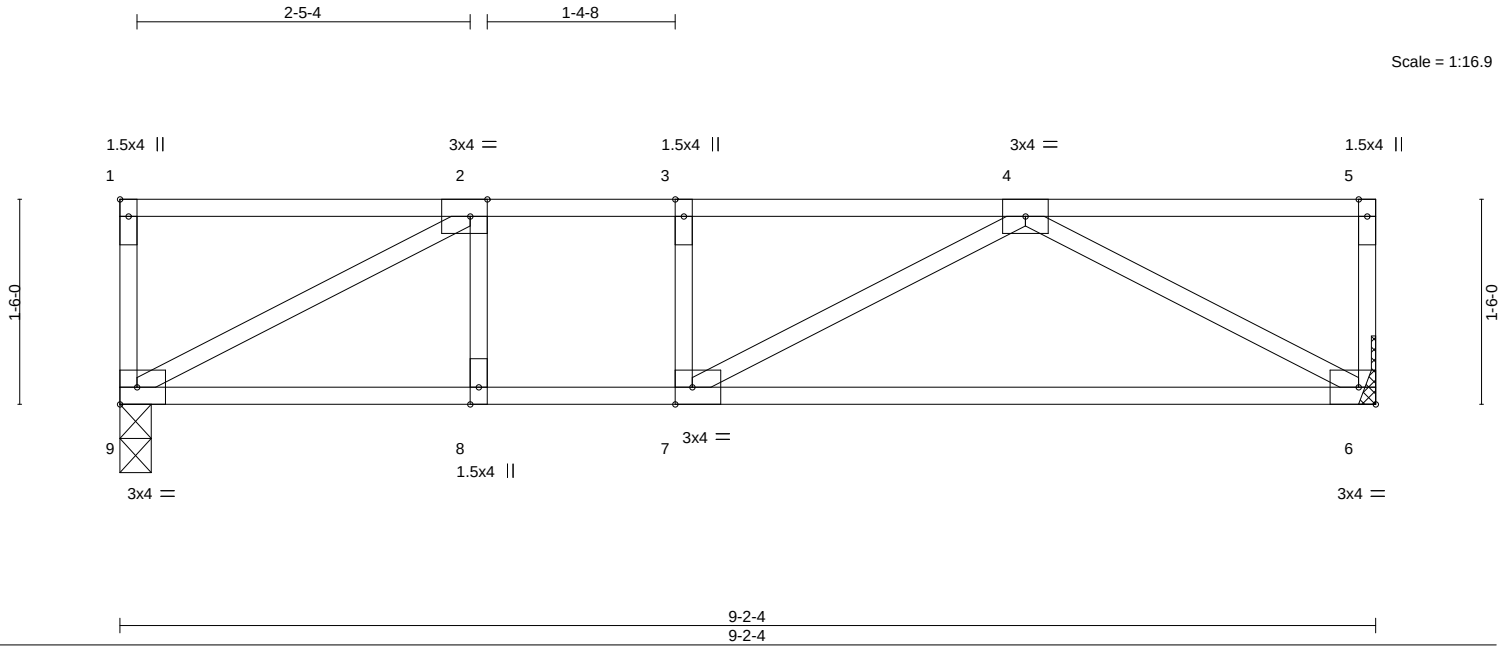

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]

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	0.42	Vert(LL)	-0.08	6-7	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.40	Vert(CT)	-0.14	6-7	>779	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-
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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=Mechanical, 9=0-2-12
Max Grav 6=393(LC 1), 9=393(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-613/0, 3-4=-613/0
BOT CHORD 8-9=0/613, 7-8=0/613, 6-7=0/546
WEBS 4-6=-623/0, 2-9=-696/0

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 at joint(s) 9.
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.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F25	Floor Special	7	1	R66461449
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:36:42 2021 Page 1
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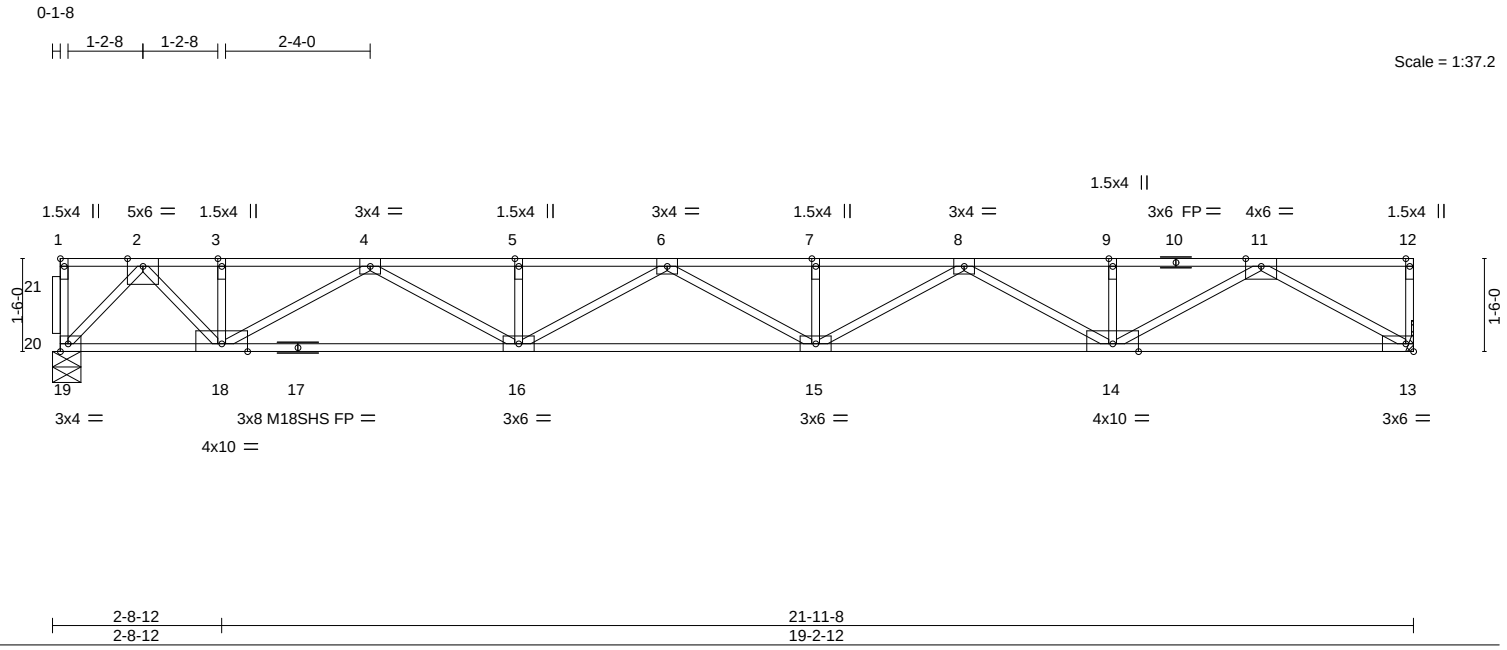

Plate Offsets (X,Y)-- [1:Edge,0-0-12]

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	0.52	Vert(LL)	-0.28	15-16	>941	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.98	Vert(CT)	-0.46	15-16	>568	360	M18SHS	220/195
BCLL	0.0	Rep Stress Incr	NO	WB	0.32	Horz(CT)	0.09	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 104 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 13=Mechanical, 19=0-5-8
Max Grav 13=976(LC 1), 19=1206(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2046/0, 3-4=-2046/0, 4-5=-3715/0, 5-6=-3715/0, 6-7=-3931/0, 7-8=-3931/0, 8-9=-2706/0, 9-11=-2706/0
BOT CHORD 18-19=0/1067, 16-18=0/3054, 15-16=0/3991, 14-15=0/3487, 13-14=0/1542
WEBS 3-18=-454/0, 2-19=-1572/0, 2-18=0/1443, 4-18=-1162/0, 4-16=0/762, 6-16=-318/0, 8-15=0/511, 8-14=-901/0, 11-14=0/1342, 11-13=-1778/0

NOTES-
1) All plates are MT20 plates unless otherwise indicated.
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) 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.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-19=-7, 1-12=-80
Concentrated Loads (lb)
Vert: 3=-300

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F26	Floor Special	9	1	R66461450

Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:36:59 2021 Page 1
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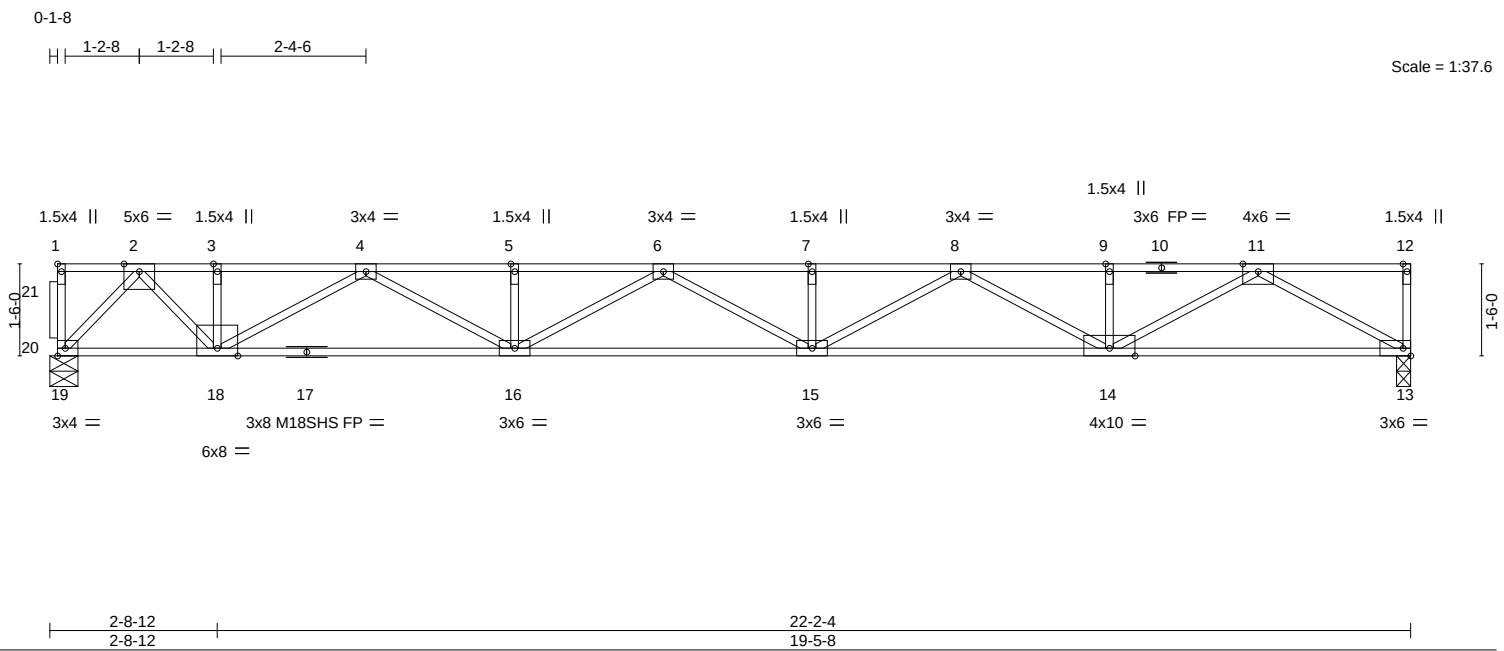

Plate Offsets (X,Y)-- [1:Edge,0-0-12]

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	0.54	Vert(LL)	-0.29	15-16	>913	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	1.00	Vert(CT)	-0.48	15-16	>552	360	M18SHS	220/195
BCLL	0.0	Rep Stress Incr	NO	WB	0.32	Horz(CT)	0.09	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 105 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 6-0-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 13=0-2-12, 19=0-5-8
Max Grav 13=985(LC 1), 19=1216(LC 1)

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

TOP CHORD	2-3=-2066/0, 3-4=-2066/0, 4-5=-3782/0, 5-6=-3782/0, 6-7=-4011/0, 7-8=-4011/0, 8-9=-2763/0, 9-11=-2763/0
BOT CHORD	18-19=0/1077, 16-18=0/3101, 15-16=0/4068, 14-15=0/3560, 13-14=0/1575
WEBS	3-18=-456/0, 2-19=-1586/0, 2-18=0/1458, 4-18=-1190/0, 4-16=0/783, 6-16=-329/0, 8-15=0/518, 8-14=-916/0, 11-14=0/1366, 11-13=-1811/0

NOTES-

1) All plates are MT20 plates unless otherwise indicated.
2) Attach ribbon block to truss with 3-10d nails applied to flat face.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 13.
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.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 13-19=-7, 1-12=-80
   Concentrated Loads (lb)
   Vert: 3=-300

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F31	Floor	3	1	R66461451
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:37:46 2021 Page 1
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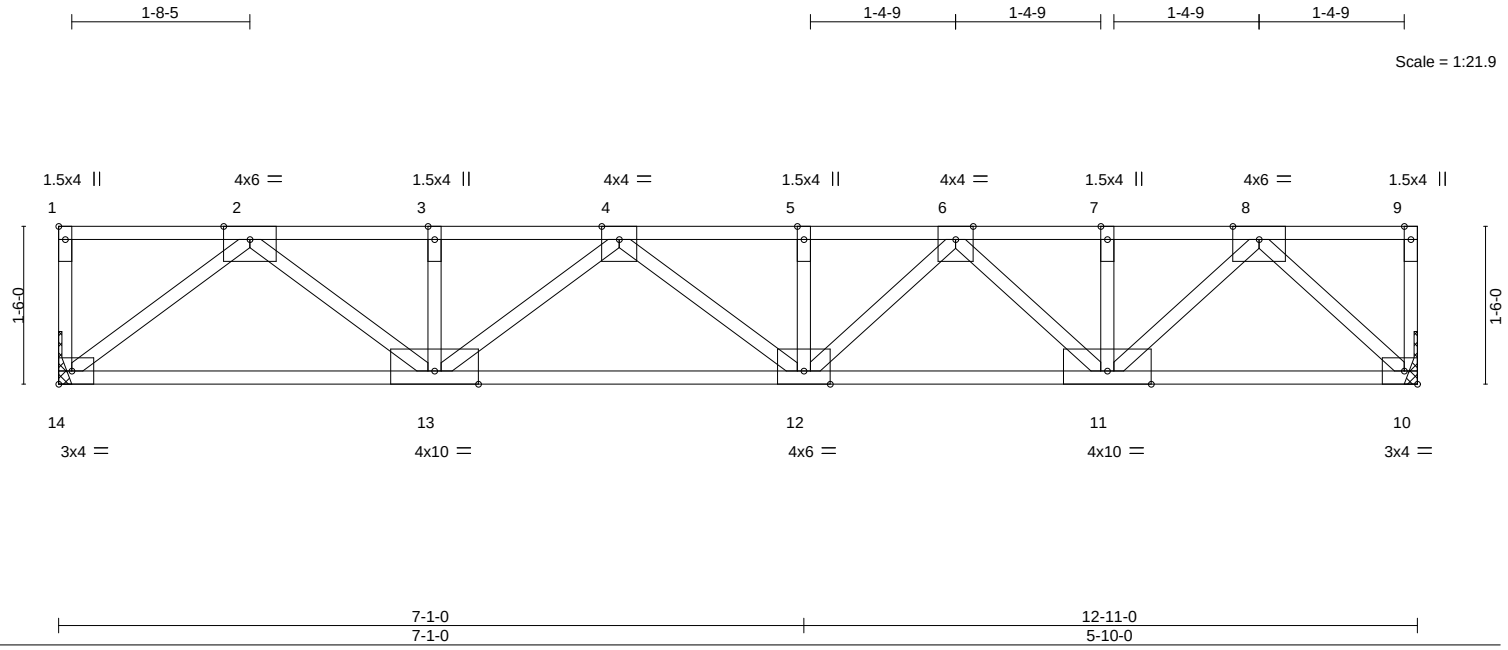

Plate Offsets (X,Y)-- [1:Edge,0-0-12]

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	0.36	Vert(LL)	-0.08	12	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.73	Vert(CT)	-0.14	12-13	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.29	Horz(CT)	0.04	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 65 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 14=Mechanical, 10=Mechanical
Max Uplift 14=-110(LC 6), 10=-84(LC 7)
Max Grav 14=1130(LC 3), 10=1213(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-476/476, 2-3=-2212/0, 3-4=-2212/0, 4-5=-3578/0, 5-6=-3578/0, 6-7=-2059/0, 7-8=-2059/0, 8-9=-391/391
BOT CHORD 13-14=-167/1369, 12-13=0/2983, 11-12=0/2884, 10-11=-107/1222
WEBS 5-12=-1111/0, 2-14=-1739/212, 2-13=-264/1523, 4-13=-1302/350, 4-12=-400/1094, 6-12=-285/1218, 6-11=-1368/247, 8-11=-186/1529, 8-10=-1688/147

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 100 lb uplift at joint(s) 10 except (jt=lb) 14=110.
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 12-11-0 for 271.0 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.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 10-14=-7, 1-9=-80
Concentrated Loads (lb)
Vert: 5=-1000

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F31A	Floor	1	1	R66461452

Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:37:52 2021 Page 1
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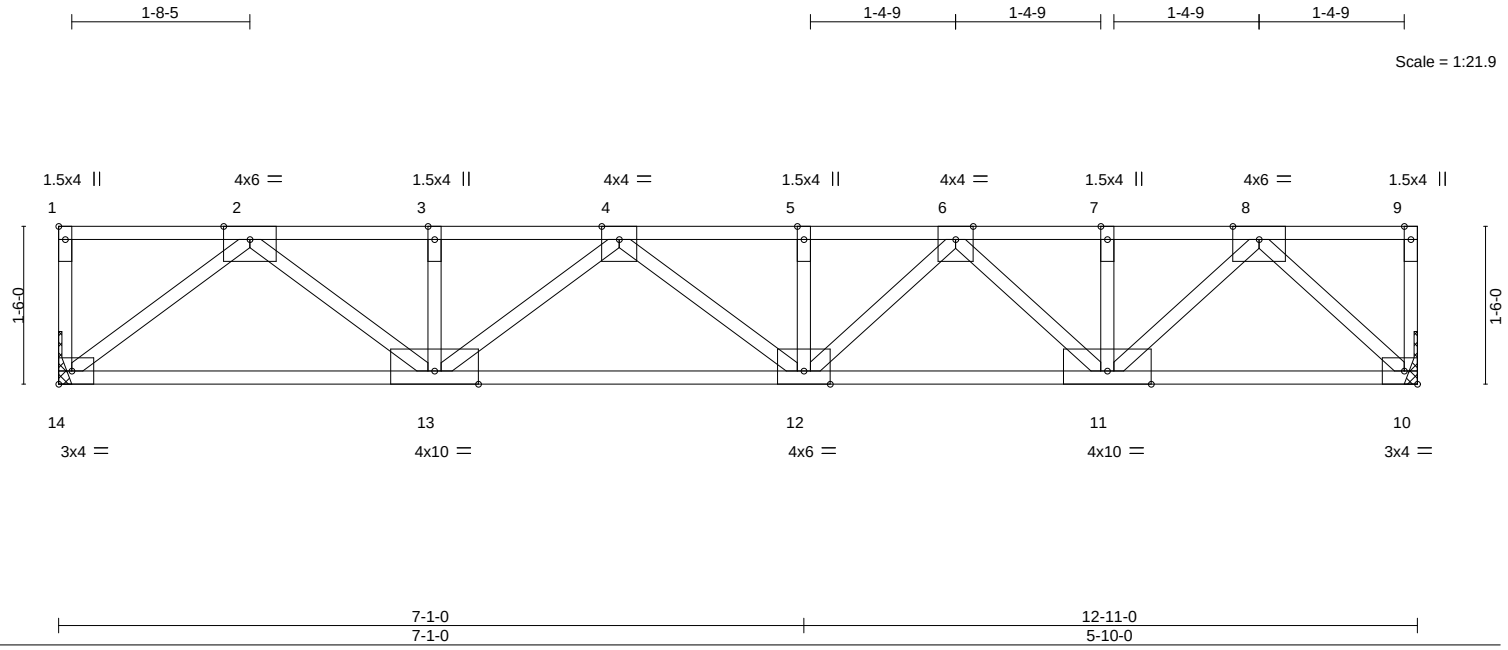

Plate Offsets (X,Y)-- [1:Edge,0-0-12]

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	0.36	Vert(LL)	-0.08	12	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.73	Vert(CT)	-0.14	12-13	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.29	Horz(CT)	0.04	10	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 65 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 14=Mechanical, 10=Mechanical
Max Uplift 14=-110(LC 6), 10=-84(LC 7)
Max Grav 14=1130(LC 3), 10=1213(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-476/476, 2-3=-2212/0, 3-4=-2212/0, 4-5=-3578/0, 5-6=-3578/0, 6-7=-2059/0, 7-8=-2059/0, 8-9=-391/391
BOT CHORD 13-14=-167/1369, 12-13=0/2983, 11-12=0/2884, 10-11=-107/1222
WEBS 5-12=-1111/0, 2-14=-1739/212, 2-13=-264/1523, 4-13=-1302/350, 4-12=-400/1094, 6-12=-285/1218, 6-11=-1368/247, 8-11=-186/1529, 8-10=-1688/147

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 100 lb uplift at joint(s) 10 except (jt=lb) 14=110.
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 12-11-0 for 271.0 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.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 10-14=-7, 1-9=-80
Concentrated Loads (lb)
Vert: 5=-1000

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F33B	Floor Special	6	1	R66461453
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:39:04 2021 Page 1
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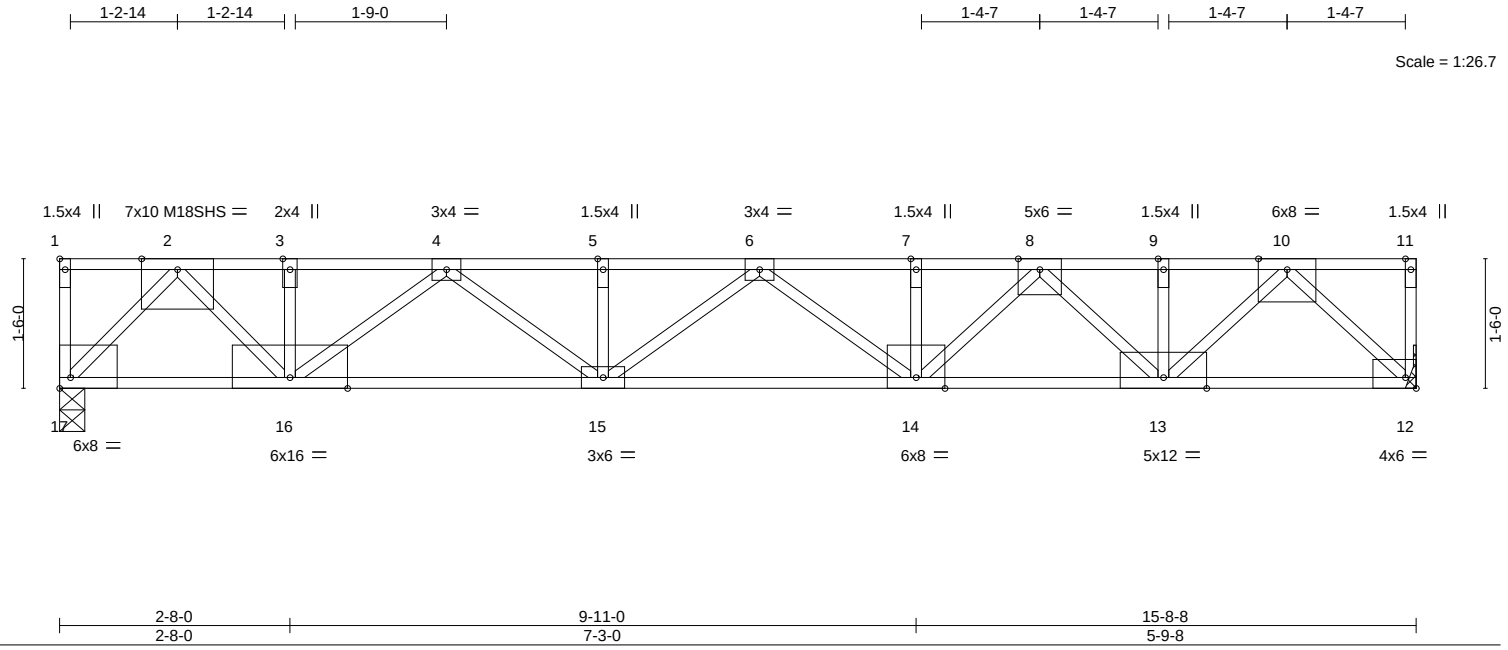

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [12:Edge,0-1-8], [17:Edge,0-1-8]

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	0.69	Vert(LL)	-0.18	14-15	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.59	Vert(CT)	-0.30	14-15	>628	360	M18SHS	220/195
BCLL	0.0	Rep Stress Incr	NO	WB	0.62	Horz(CT)	0.07	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 79 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 DF No.2(flat)
BOT CHORD 2x4 DF 2400F 2.0E(flat)
WEBS 2x4 DF No.2(flat)

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

REACTIONS. (size) 17=0-3-8, 12=Mechanical
Max Grav 17=2209(LC 1), 12=1542(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3963/0, 3-4=-3963/0, 4-5=-5096/0, 5-6=-5096/0, 6-7=-5379/0, 7-8=-5379/0, 8-9=-2955/0, 9-10=-2955/0
BOT CHORD 16-17=0/2043, 15-16=0/4640, 14-15=0/5346, 13-14=0/4234, 12-13=0/1547
WEBS 7-14=-1108/0, 3-16=-1497/0, 4-16=-849/0, 4-15=0/573, 6-15=-313/0, 8-14=0/1588, 8-13=-1773/0, 10-13=0/1953, 10-12=-2144/0, 2-17=-2971/0, 2-16=0/2793

NOTES-
1) All plates are MT20 plates unless otherwise indicated.
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.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-17=-7, 1-11=-80
Concentrated Loads (lb)
Vert: 7=-1000 3=-1400

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F33A	Floor Special	3	1	R66461454

Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:38:46 2021 Page 1

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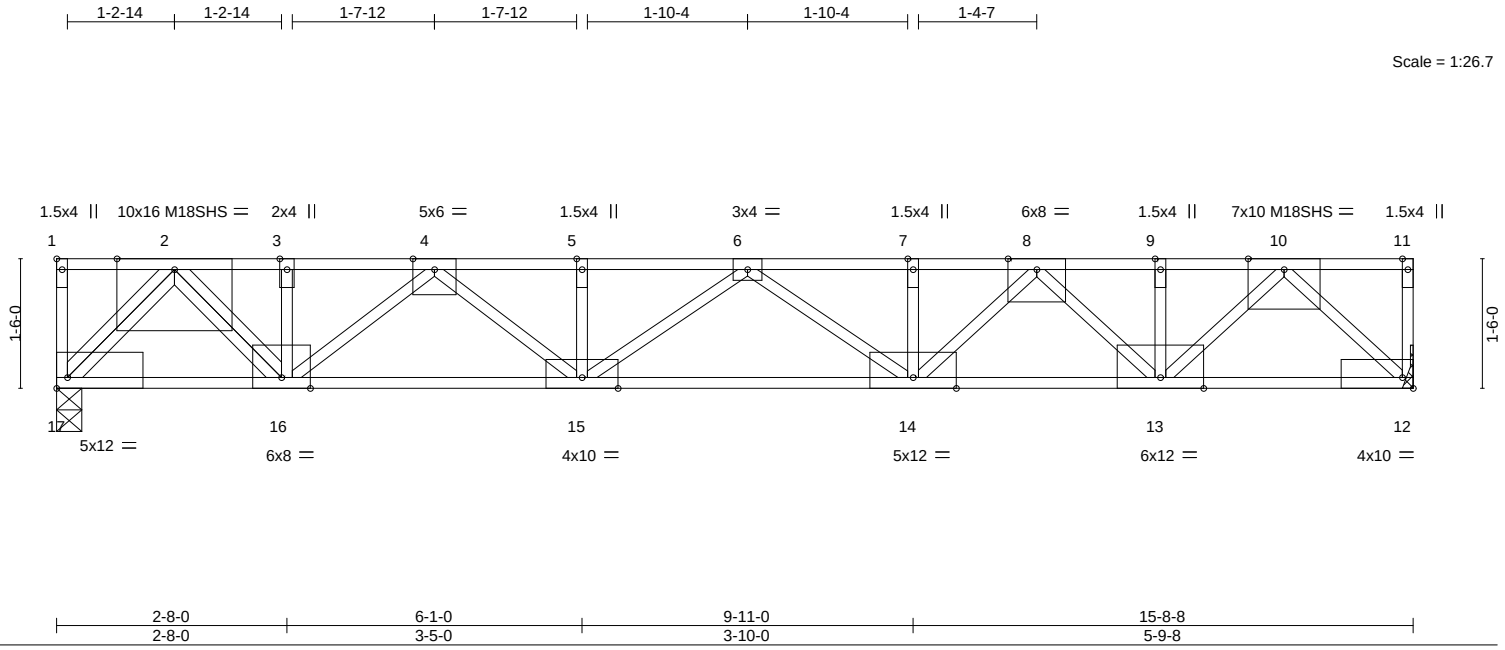

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [12:Edge,0-1-8], [17:Edge,0-1-8]

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	0.75	Vert(LL)	-0.22	14-15	>839	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.82	Vert(CT)	-0.37	14-15	>510	360	M18SHS	220/195
BCLL	0.0	Rep Stress Incr	NO	WB	0.55	Horz(CT)	0.09	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 84 lb	FT = 20%F, 11%E

LUMBER-

TOP CHORD	2x4 DF 2400F 2.0E(flat)
BOT CHORD	2x4 DF 2400F 2.0E(flat)
WEBS	2x4 DF No.2(flat)

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 5-2-11 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 17=0-3-8, 12=Mechanical
Max Grav 17=2822(LC 1), 12=1928(LC 1)

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

TOP CHORD	1-2=-290/290, 2-3=-5059/0, 3-4=-5098/0, 4-5=-7727/0, 5-6=-7727/0, 6-7=-6988/0, 7-8=-6988/0, 8-9=-3758/0, 9-10=-3758/0, 10-11=-319/319
BOT CHORD	16-17=0/2623, 15-16=0/6525, 14-15=0/7481, 13-14=0/5438, 12-13=0/1947
WEBS	3-16=-1502/0, 5-15=-1122/0, 7-14=-1115/0, 6-15=-437/652, 6-14=-906/374, 8-14=0/2152, 8-13=-2328/0, 10-13=0/2511, 10-12=-2700/0, 2-17=-3815/0, 2-16=0/3596, 4-16=-1905/24, 4-15=-78/1674

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) 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 15-8-8 for 222.8 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.

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
   Uniform Loads (plf)
   Vert: 12-17=-7, 1-11=-80
   Concentrated Loads (lb)
   Vert: 3=-1400 5=-1000 7=-1000

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F33	Floor Special	5	1	R66461455
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:38:18 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-oeleJLAAbYKw4HTca8?Jl7WsGI2LXgJhqqTJd?zGt53

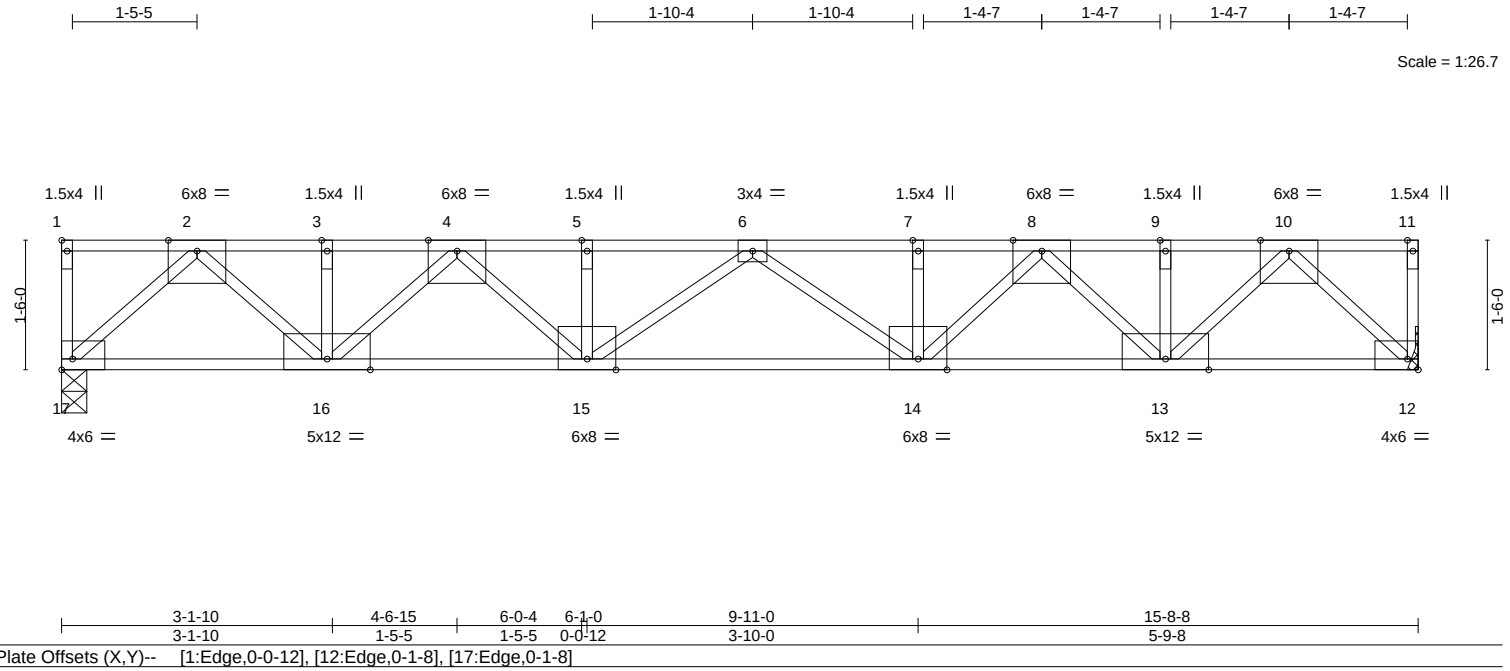

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [12:Edge,0-1-8], [17:Edge,0-1-8]

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	0.87	Vert(LL)	-0.20	14-15	>921	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.69	Vert(CT)	-0.34	14-15	>558	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.48	Horz(CT)	0.07	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 79 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 DF No.2(flat)
BOT CHORD 2x4 DF 2400F 2.0E(flat)
WEBS 2x4 DF No.2(flat)

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

REACTIONS. (size) 12=Mechanical, 17=0-3-8
Max Grav 12=1694(LC 1), 17=1656(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3343/0, 3-4=-3343/0, 4-5=-6103/0, 5-6=-6103/0, 6-7=-6015/0, 7-8=-6015/0, 8-9=-3271/0, 9-10=-3271/0
BOT CHORD 16-17=0/1748, 15-16=0/4797, 14-15=0/6185, 13-14=0/4710, 12-13=0/1705
WEBS 7-14=-1111/0, 5-15=-1113/0, 8-14=0/1809, 8-13=-1994/0, 10-13=0/2171, 10-12=-2364/0, 2-17=-2368/0, 2-16=0/2161, 4-16=-1968/0, 4-15=0/1769

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

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-17=-7, 1-11=-80
Concentrated Loads (lb)
Vert: 7=-1000 5=-1000

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F32	Floor	2	1	R66461456
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:38:03 2021 Page 1
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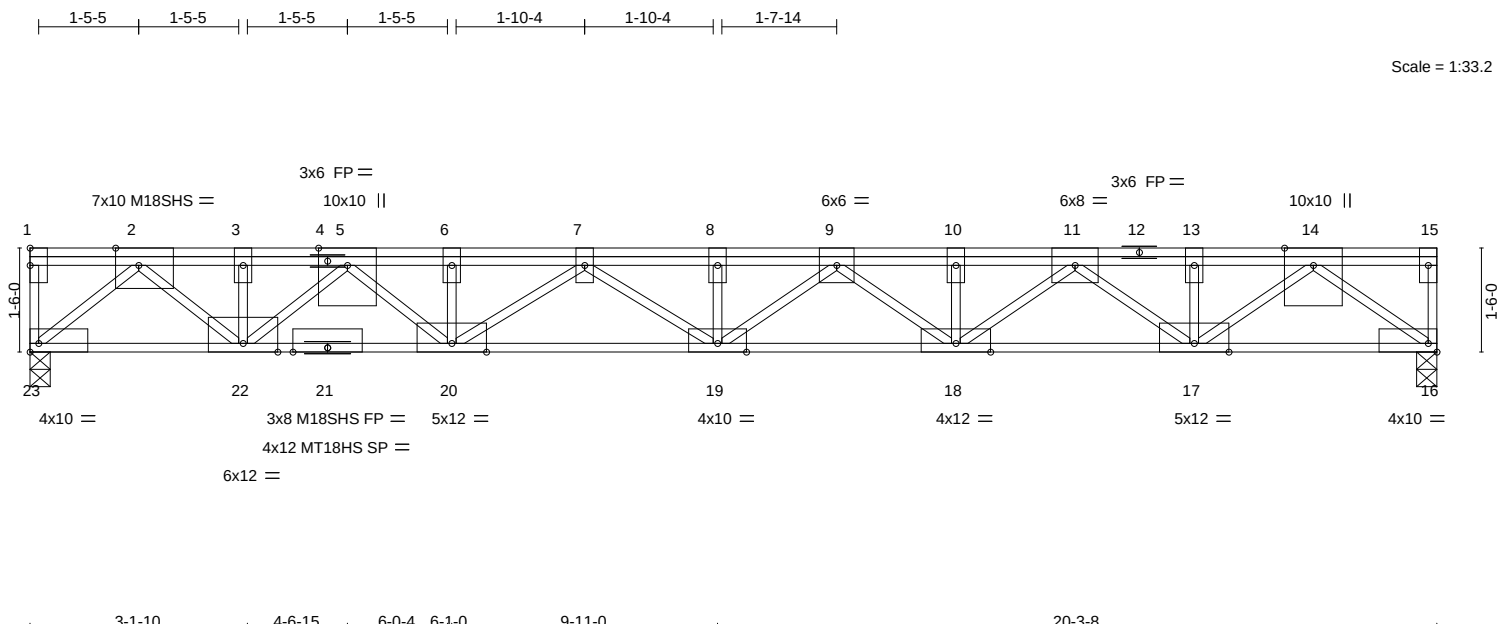

Plate Offsets (X,Y)-- [2:0-4-0,Edge], [16:Edge,0-1-8], [23:Edge,0-1-8]

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	0.52	Vert(LL)	-0.36	19	>668	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.98	Vert(CT)	-0.59	19	>411	360	M18SHS	220/195
BCLL	0.0	Rep Stress Incr	NO	WB	0.64	Horz(CT)	0.13	16	n/a	n/a	MT18HS	220/195
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 125 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 DF No.2(flat)
BOT CHORD 2x4 DF 2400F 2.0E(flat)
WEBS 2x4 DF No.2(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 16=0-3-8, 23=0-3-8
Max Grav 16=1661(LC 1), 23=2087(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4483/0, 3-5=-4483/0, 5-6=-8341/0, 6-7=-8341/0, 7-8=-9501/0, 8-9=-9501/0, 9-10=-7132/0, 10-11=-7132/0, 11-13=-3964/0, 13-14=-3964/0
BOT CHORD 22-23=0/2309, 20-22=0/6469, 19-20=0/9031, 18-19=0/8385, 17-18=0/5612, 16-17=0/2073
WEBS 8-19=-1152/0, 6-20=-1139/0, 7-20=-836/0, 7-19=0/570, 9-19=0/1404, 9-18=-1577/0, 11-18=0/1912, 11-17=-2073/0, 14-17=0/2380, 14-16=-2608/0, 2-23=-3063/0, 2-22=0/2884, 5-22=-2635/0, 5-20=0/2484

NOTES-
1) All plates are MT20 plates unless otherwise indicated.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) The Fabrication Tolerance at joint 21 = 11%
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.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 16-23=-7, 1-15=-80
Concentrated Loads (lb)
Vert: 8=-1000 6=-1000

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F30	Floor Girder	1	1	R66461457

Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:37:39 2021 Page 1
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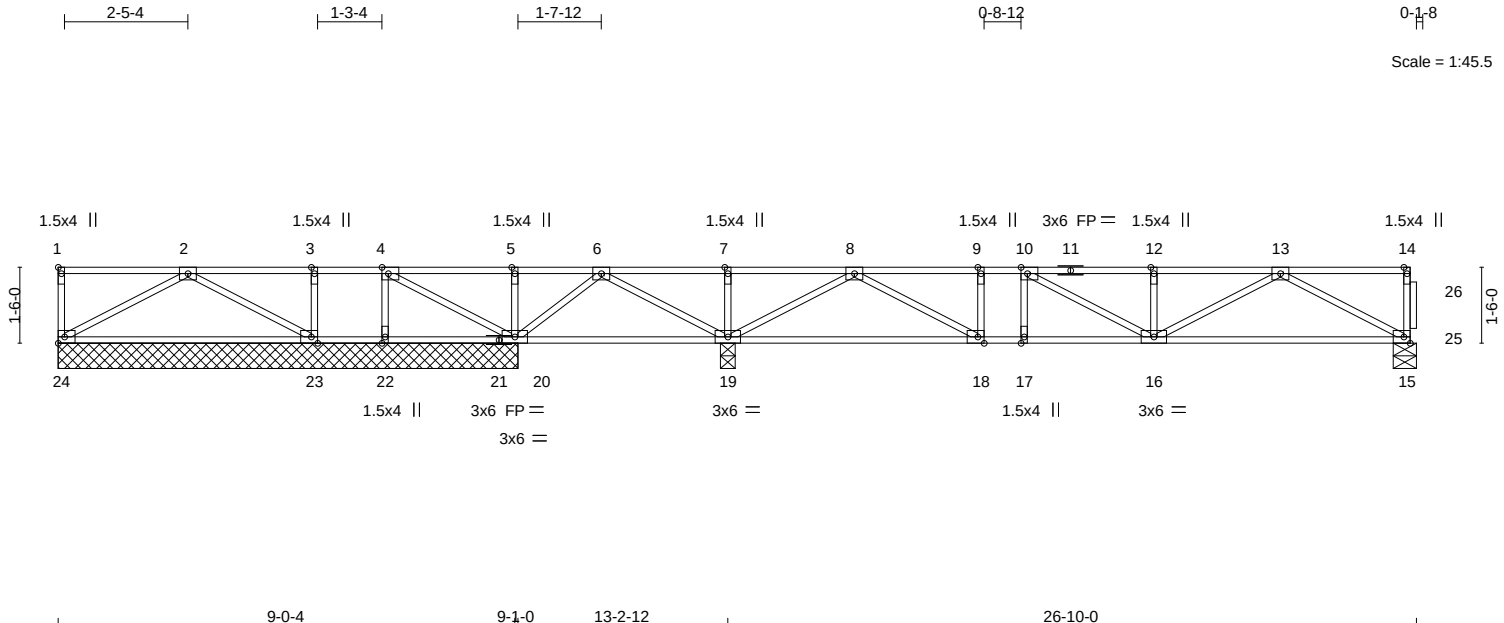

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [10:0-1-8,Edge], [18:0-1-8,Edge], [23:0-1-8,Edge]

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)	-0.06	16-17	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.50	Vert(CT)	-0.09	16-17	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.20	Horz(CT)	0.01	15	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 125 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 9-1-0 except (jt=length) 15=0-5-8, 19=0-3-8.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 24, 22
Max Grav All reactions 250 lb or less at joint(s) 24, 22 except 15=510(LC 10), 20=254(LC 8), 19=1029(LC 9), 23=329(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 6-7=-34/724, 7-8=0/663, 8-9=-969/0, 9-10=-964/0, 10-12=-1119/0, 12-13=-1119/0
BOT CHORD 23-24=-96/256, 19-20=-342/58, 18-19=-138/418, 17-18=0/964, 16-17=0/964, 15-16=0/757
WEBS 2-24=-316/141, 2-23=-368/127, 6-19=-611/96, 6-20=-166/358, 13-15=-864/0, 8-19=-1120/0, 13-16=-16/456, 8-18=0/754, 10-16=-129/340

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Attach ribbon block to truss with 3-10d nails applied to flat face.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 22.
5) 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 26-10-0 for 55.9 plf.
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.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F29	Floor	8	1	R66461458
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:37:28 2021 Page 1
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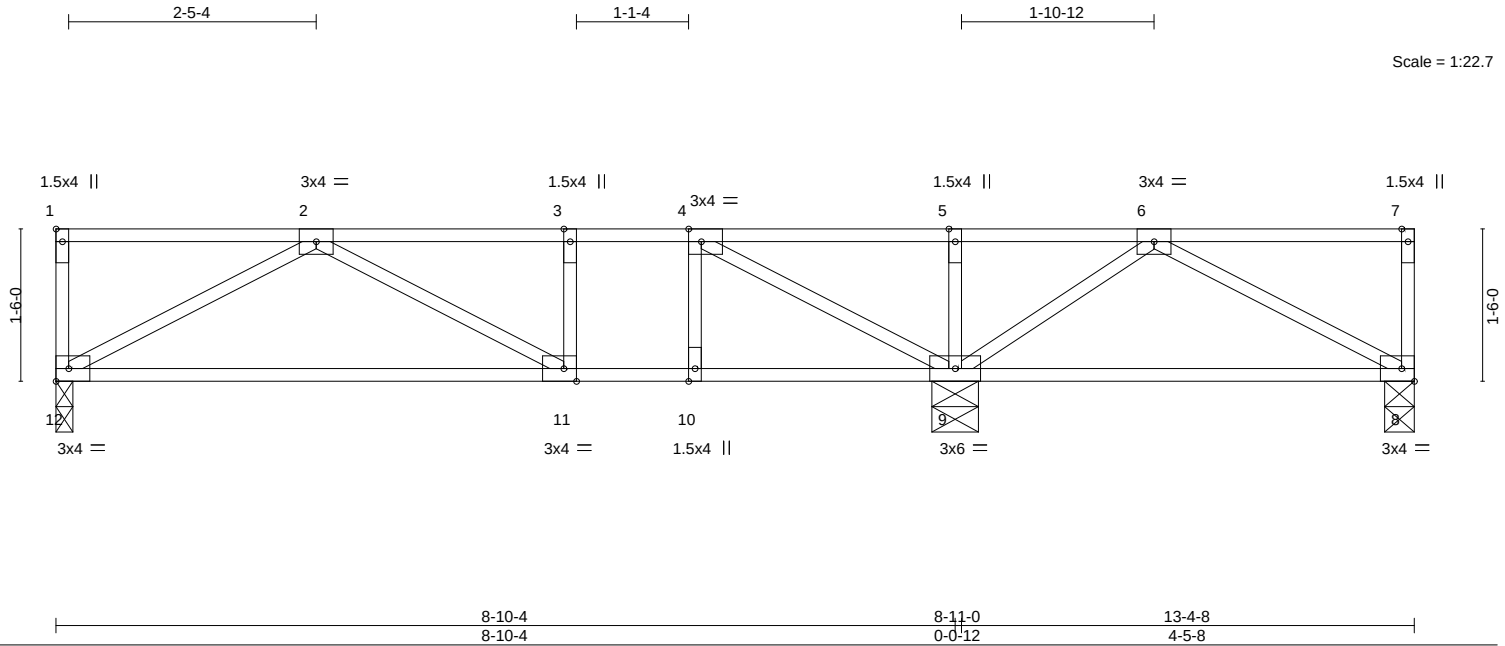

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

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)	-0.05	11-12	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.31	Vert(CT)	-0.10	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 63 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 9=0-5-8, 12=0-2-0, 8=0-3-8
Max Grav 9=541(LC 8), 12=395(LC 3), 8=258(LC 7)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-636/0, 3-4=-636/0
BOT CHORD 11-12=0/552, 10-11=0/636, 9-10=0/636, 8-9=0/298
WEBS 2-12=-630/0, 4-9=-595/0, 6-8=-341/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 12.
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.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F28	Floor	1	1	R66461459
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:37:19 2021 Page 1
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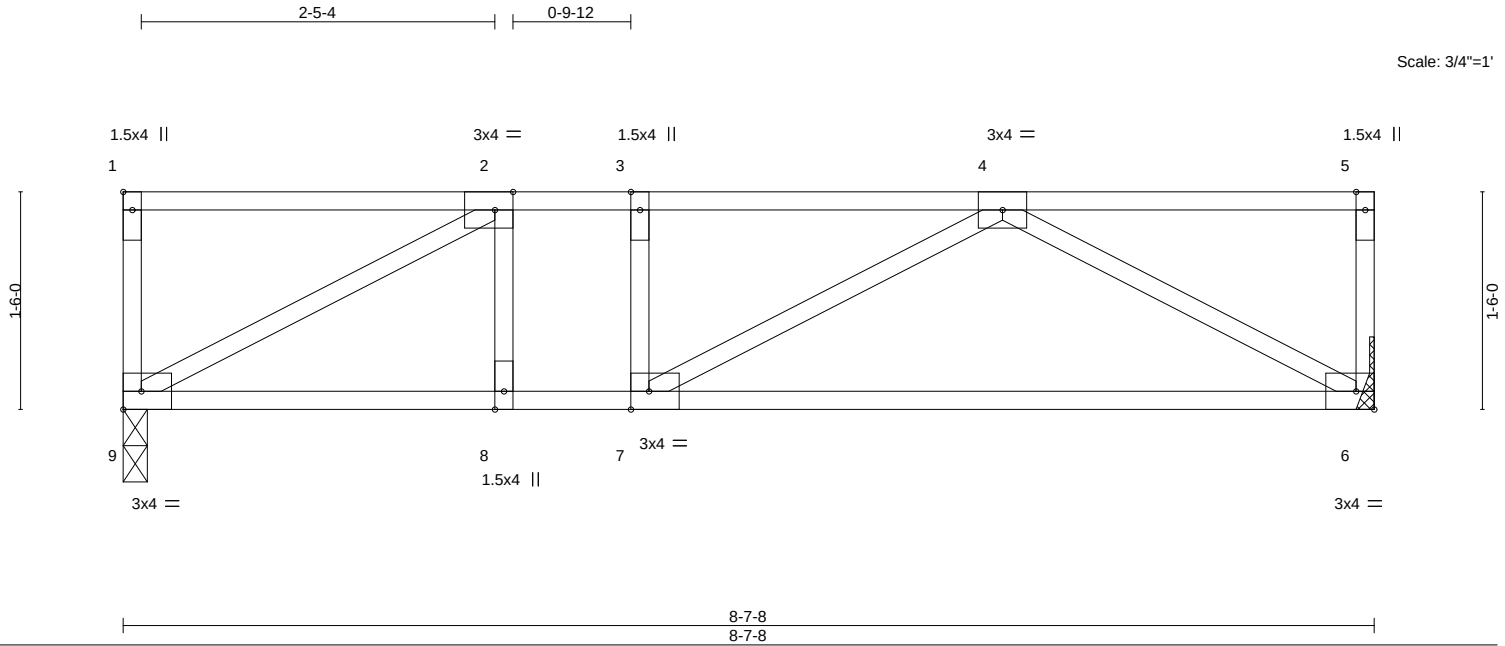

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]

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	0.32	Vert(LL)	-0.04	6-7	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.30	Vert(CT)	-0.09	6-7	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 41 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 6=Mechanical, 9=0-2-0
Max Grav 6=368(LC 1), 9=368(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-547/0, 3-4=-547/0
BOT CHORD 8-9=0/547, 7-8=0/547, 6-7=0/503
WEBS 4-6=-574/0, 2-9=-620/0

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 at joint(s) 9.
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.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F36	Floor	11	1	R66461460
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:39:50 2021 Page 1
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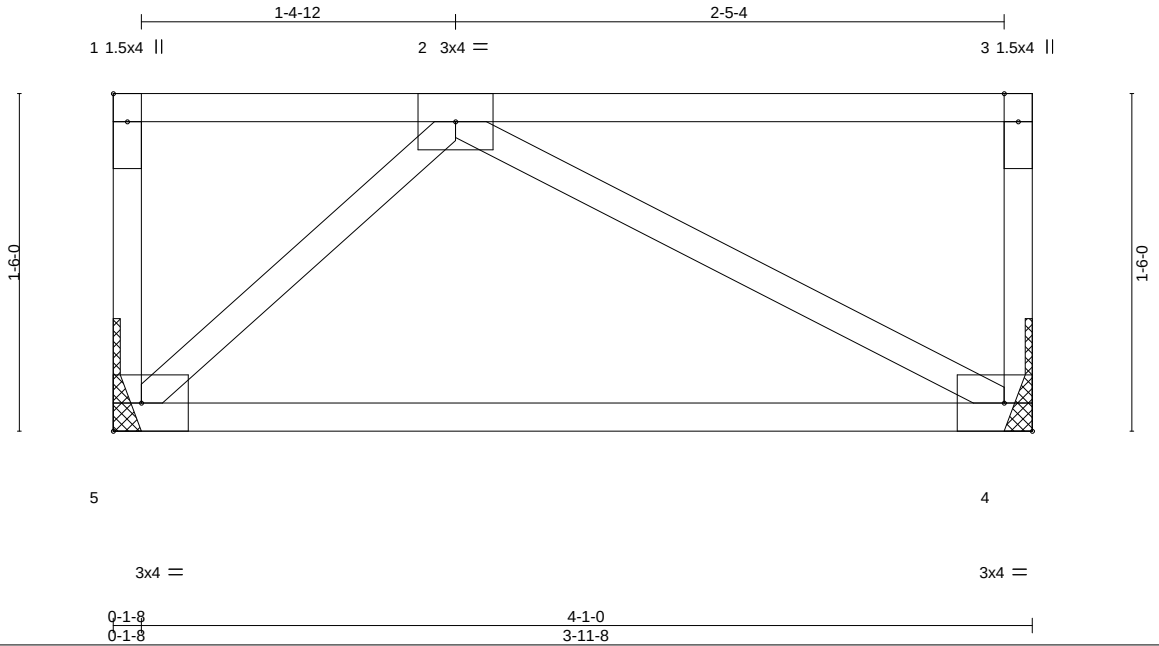

Plate Offsets (X,Y)-- [1:Edge,0-0-12]

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	5	****	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.11	Vert(CT)	-0.02	4-5	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-P							Weight: 21 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 4-1-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 5=Mechanical
Max Grav 4=172(LC 1), 5=172(LC 1)

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

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

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	FT06	Floor Girder	1	2	R66461461
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:41:52 2021 Page 1
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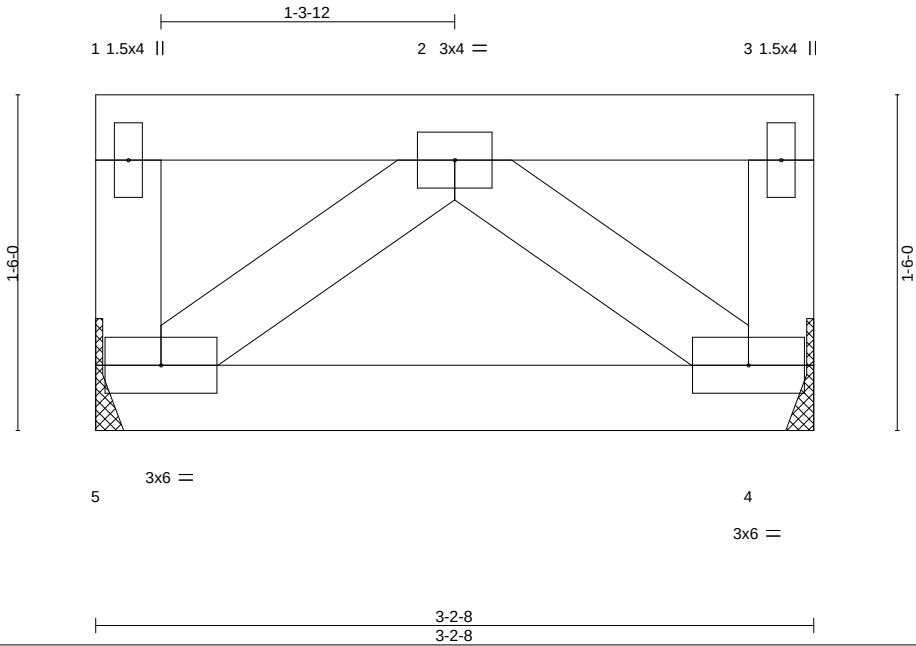

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.13	Vert(LL)	0.00	5	****	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.07	Vert(CT)	-0.00	5	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.05	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-P							Weight: 31 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 3-2-8 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=783(LC 1), 4=783(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-5=-309/0, 3-4=-309/0
BOT CHORD 4-5=0/560
WEBS 2-5=-727/0, 2-4=-727/0

NOTES-
1) 2-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 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) 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.
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.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 4-5=-7, 1-3=-530

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F37	Floor	1	1	R66461462
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:39:57 2021 Page 1
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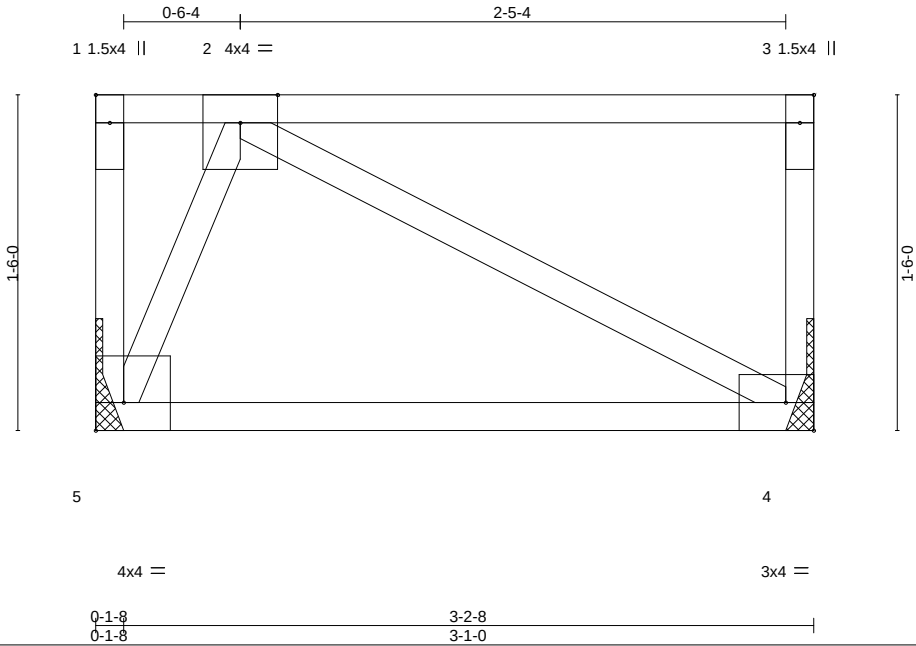

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [5:Edge,0-1-8]

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	0.22	Vert(LL)	0.00	5	****	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.06	Vert(CT)	-0.01	4-5	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-P							Weight: 18 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 3-2-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 5=Mechanical
Max Grav 4=134(LC 1), 5=134(LC 1)

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

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

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F38	Floor	1	1	R66461463
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:40:06 2021 Page 1
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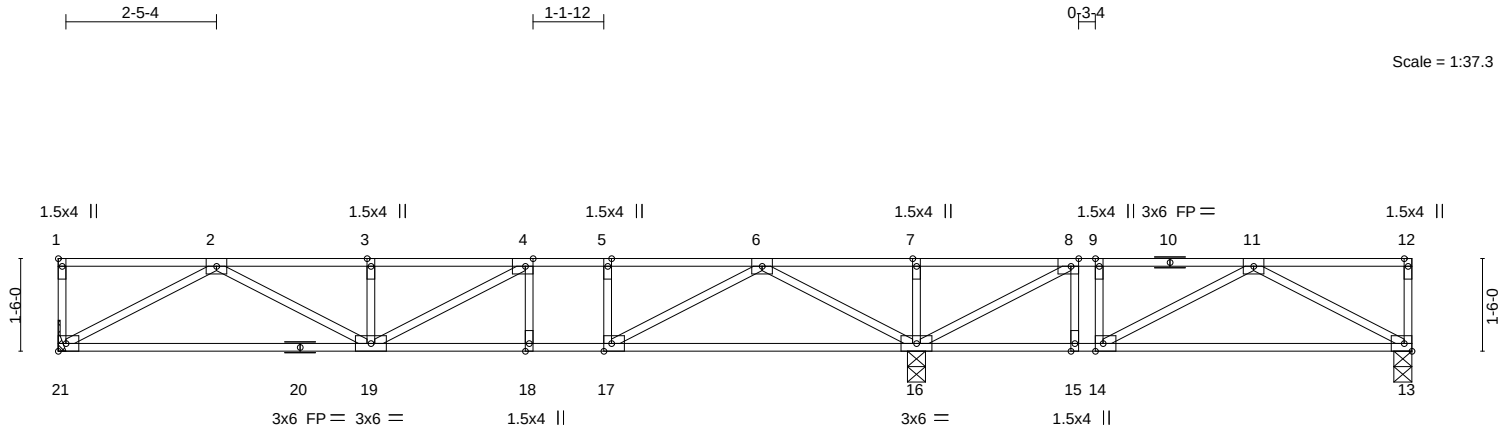

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [8:0-1-8,Edge], [14:0-1-8,Edge], [17:0-1-8,Edge]

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	0.43	Vert(LL)	-0.08	18-19	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.58	Vert(CT)	-0.13	18-19	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.02	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 103 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 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: 15-16,14-15.

REACTIONS. (size) 13=0-3-8, 16=0-3-8, 21=Mechanical
Max Grav 13=293(LC 4), 16=1104(LC 1), 21=548(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1260/0, 3-4=-1260/0, 4-5=-1152/0, 5-6=-1152/0, 6-7=0/553, 7-8=0/553, 8-9=-287/148, 9-11=-287/148
BOT CHORD 19-21=0/825, 18-19=0/1152, 17-18=0/1152, 16-17=0/495, 15-16=-148/287, 14-15=-148/287, 13-14=0/366
WEBS 2-21=-942/0, 6-16=-1138/0, 2-19=0/496, 6-17=0/772, 5-17=-260/0, 11-13=-418/0, 8-16=-742/0

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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F39	Floor	8	1	R66461464
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:40:12 2021 Page 1
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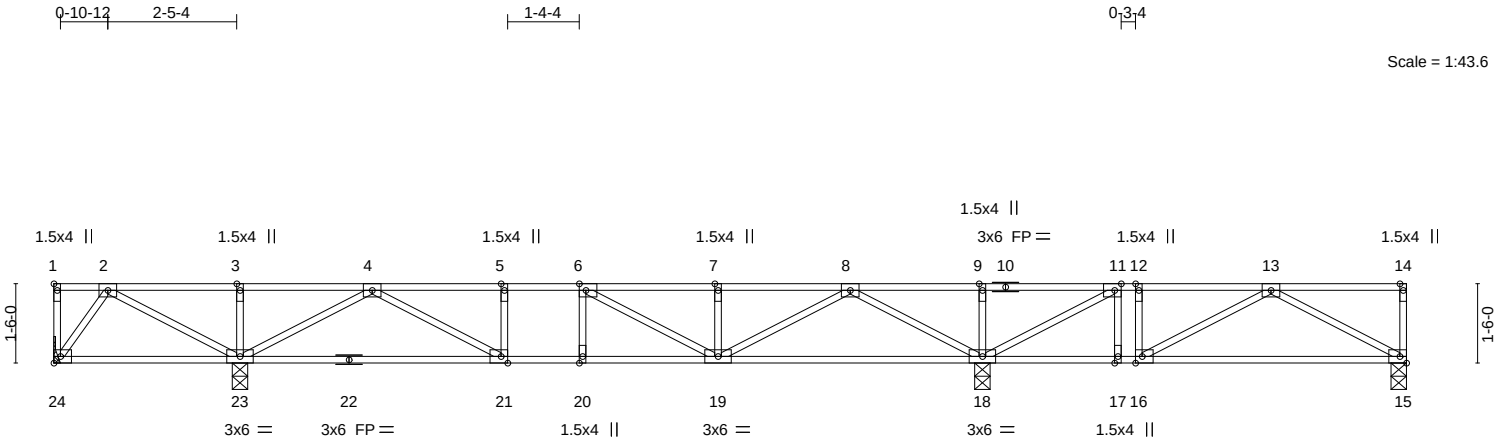

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [6:0-1-8,Edge], [11:0-1-8,Edge], [16:0-1-8,Edge], [21:0-1-8,Edge]

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	0.48	Vert(LL)	-0.05	19-20	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.34	Vert(CT)	-0.08	19-20	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(CT)	0.01	18	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 120 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 0-3-8 except (jt=length) 24=Mechanical.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 15 except 24=-151(LC 4)
Max Grav All reactions 250 lb or less at joint(s) 24 except 15=273(LC 5), 23=931(LC 3), 18=1164(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/534, 3-4=0/534, 4-5=-823/0, 5-6=-823/0, 6-7=-703/0, 7-8=-703/0, 8-9=0/950, 9-11=0/950, 11-12=-213/402, 12-13=-213/402
BOT CHORD 21-23=0/345, 20-21=0/823, 19-20=0/823, 17-18=-402/213, 16-17=-402/213, 15-16=-114/331
WEBS 2-23=-534/0, 8-18=-1119/0, 4-23=-952/0, 8-19=0/709, 4-21=0/552, 13-15=-377/130, 11-18=-895/0, 13-16=-389/0

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 15 except (jt=lb) 24=151.
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.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F40	Floor	1	1	R66461465
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:40:14 2021 Page 1
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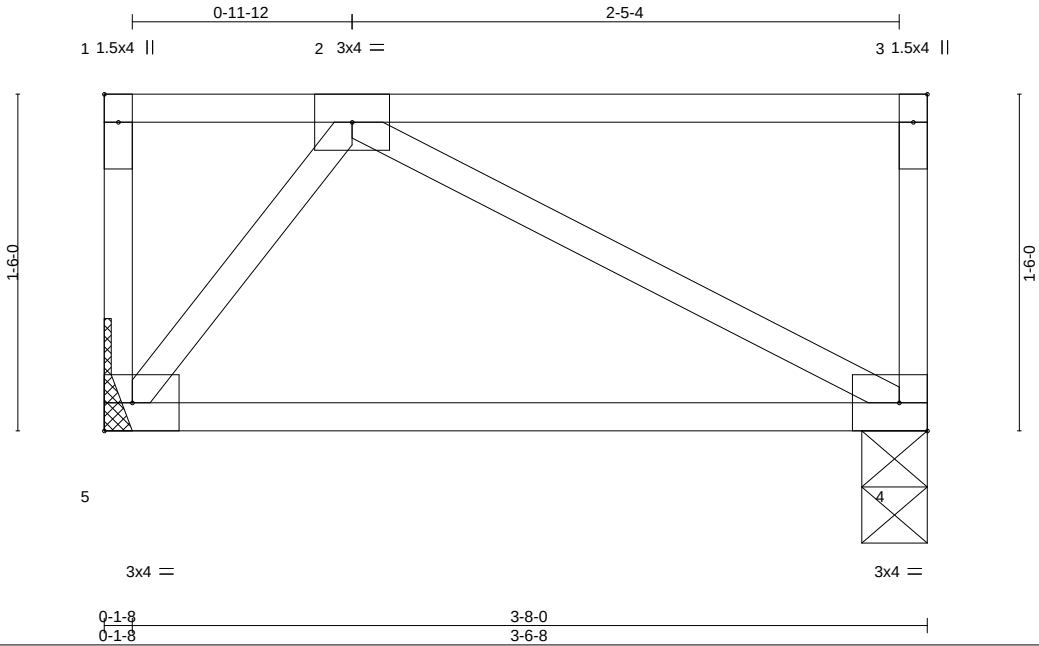

Plate Offsets (X,Y)-- [1:Edge,0-0-12]

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	5	****	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.08	Vert(CT)	-0.01	4-5	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 19 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 3-8-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=0-3-8, 5=Mechanical
Max Grav 4=153(LC 1), 5=153(LC 1)

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

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

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F41	Floor	5	1	R66461466
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:40:31 2021 Page 1
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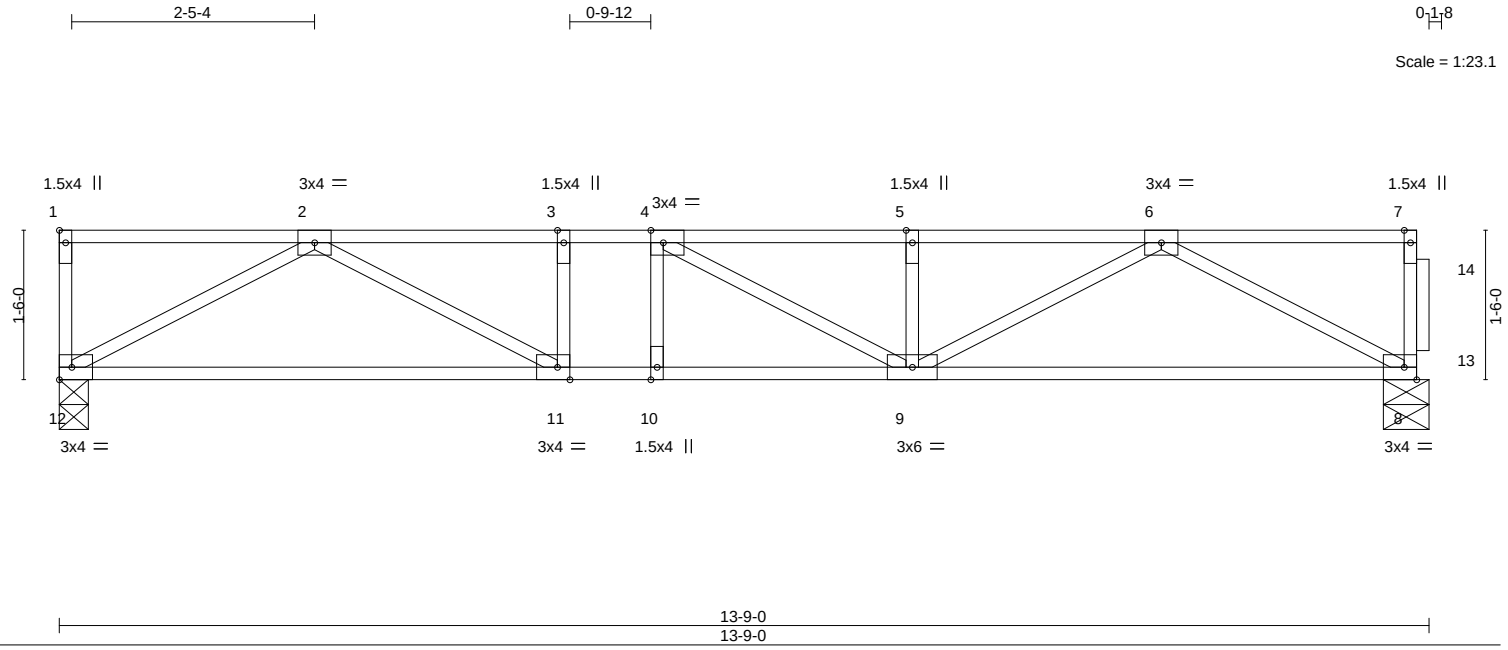

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

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	0.31	Vert(LL)	-0.06	9-10	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.48	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: 65 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 8=0-5-8, 12=0-3-8
Max Grav 8=585(LC 1), 12=585(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1394/0, 3-4=-1394/0, 4-5=-1385/0, 5-6=-1385/0
BOT CHORD 11-12=0/896, 10-11=0/1394, 9-10=0/1394, 8-9=0/892
WEBS 6-8=-1018/0, 2-12=-1023/0, 6-9=0/563, 2-11=0/573

NOTES-
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) 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.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F42	Floor	6	1	R66461467
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:40:54 2021 Page 1
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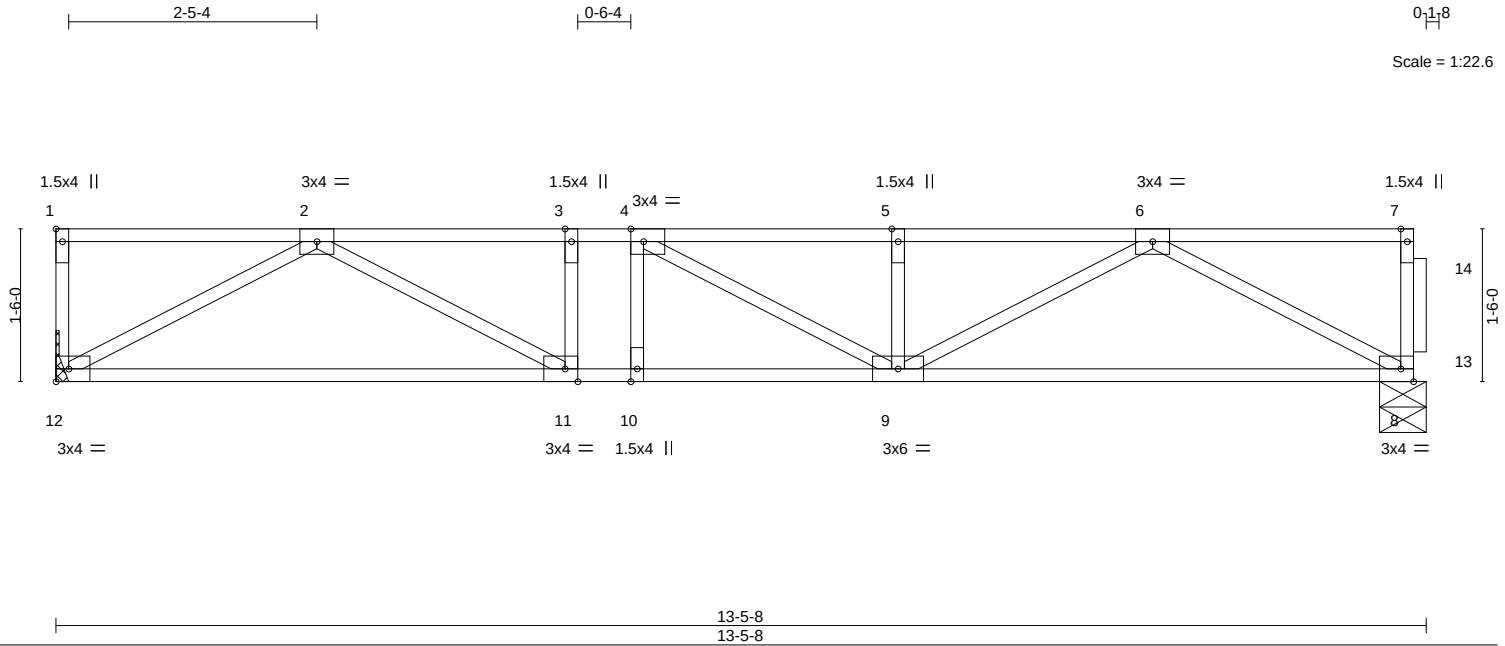

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

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	0.25	Vert(LL)	-0.05	9-10	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.41	Vert(CT)	-0.08	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-
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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 8=0-5-8, 12=Mechanical
Max Grav 8=572(LC 1), 12=572(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1339/0, 3-4=-1339/0, 4-5=-1336/0, 5-6=-1336/0
BOT CHORD 11-12=0/873, 10-11=0/1339, 9-10=0/1339, 8-9=0/869
WEBS 6-8=-992/0, 2-12=-997/0, 6-9=0/533, 2-11=0/533

NOTES-
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) 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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F44	Floor	18	1	R66461468
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:41:27 2021 Page 1
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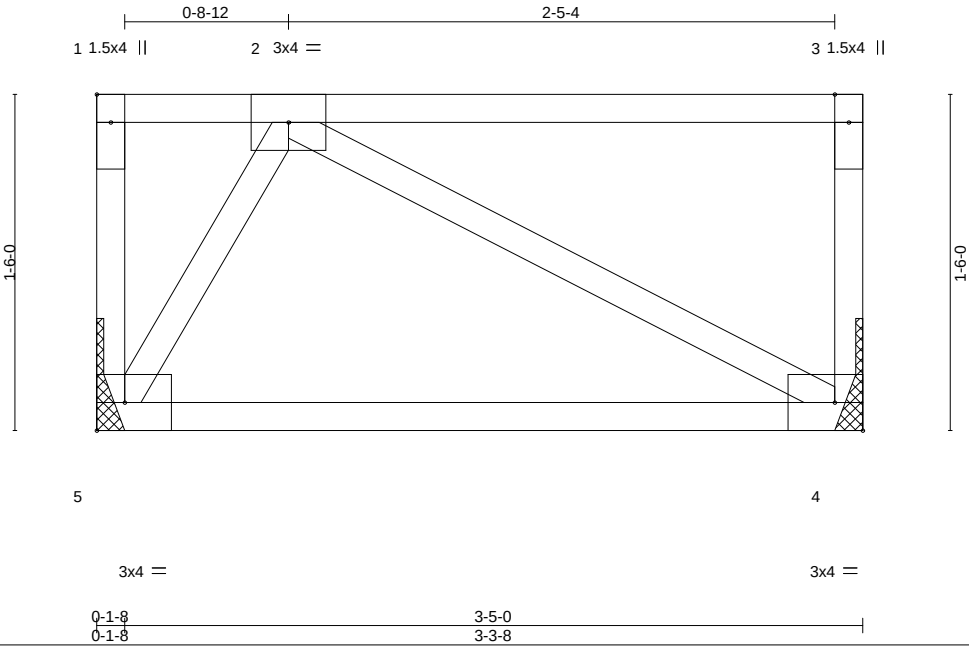

Plate Offsets (X,Y)-- [1:Edge,0-0-12]

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	5	****	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.07	Vert(CT)	-0.01	4-5	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 18 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 3-5-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 5=Mechanical
Max Grav 4=143(LC 1), 5=143(LC 1)

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

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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F34	Floor Supported Gable	1	1	R66461469
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:39:27 2021 Page 1
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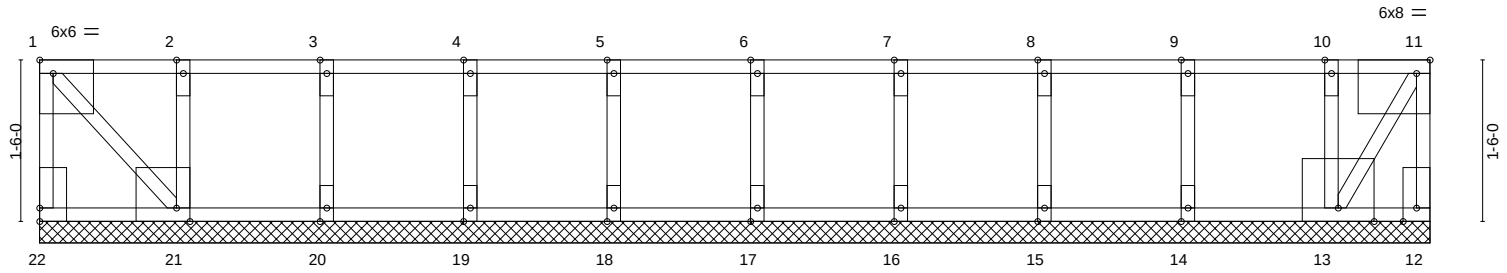

12-11-0
12-11-0

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [11:0-1-8,Edge], [21:0-1-8,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	0.38	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.49	Horz(CT)	-0.01	17	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 58 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)
OTHERS	2x4 DF No.2(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 12-11-0.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 22=-2054(LC 6), 12=-2483(LC 7), 21=-2016(LC 7), 13=-2441(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 20, 19, 18, 17, 16, 15, 14 except 22=2094(LC 5), 12=2503(LC 4), 21=2142(LC 4), 13=2547(LC 5)

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

TOP CHORD	1-22=-2089/2059, 11-12=-2500/2486, 1-2=-1881/1883, 2-3=-1571/1573, 3-4=-1210/1212, 4-5=-848/850, 5-6=-487/489, 7-8=-595/598, 8-9=-957/959, 9-10=-1318/1284, 10-11=-1533/1528
BOT CHORD	21-22=-344/344, 20-21=-1573/1571, 19-20=-1212/1210, 18-19=-850/848, 17-18=-489/487, 15-16=-598/595, 14-15=-959/957, 13-14=-1320/1318
WEBS	1-21=-2825/2822, 11-13=-2944/2940

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 2054 lb uplift at joint 22, 2483 lb uplift at joint 12, 2016 lb uplift at joint 21 and 2441 lb uplift at joint 13.
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 12-11-0 for 271.0 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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F44A	Floor Supported Gable	1	1	R66461470
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:41:41 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-MhWOvmeWowv7xUUdzG8wUwQg?7RUbTVaWv8ZFkzGt1u

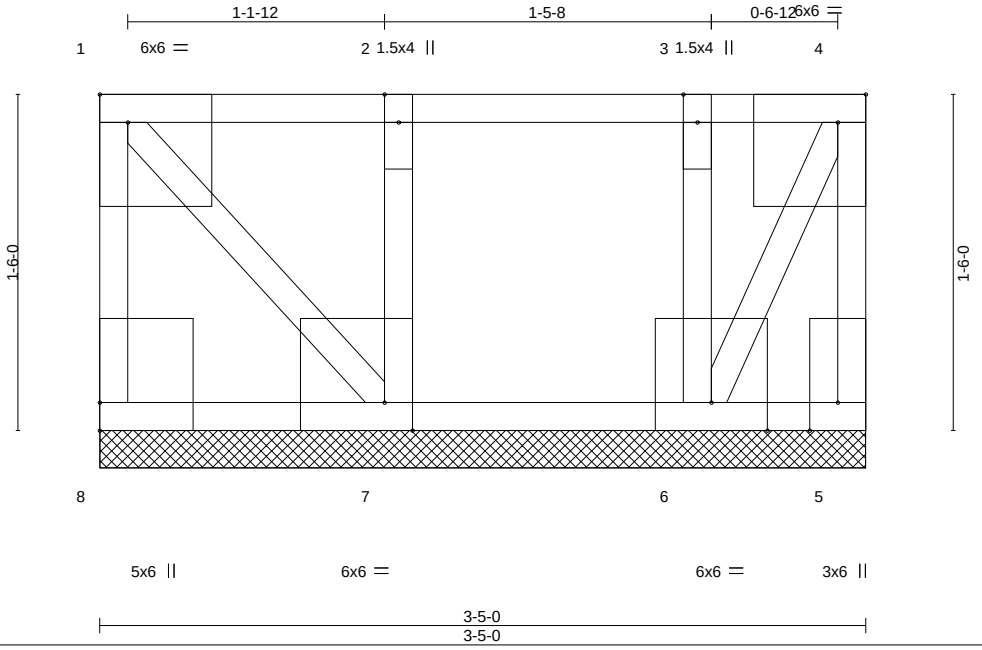

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [4:0-1-8,Edge], [7:0-1-8,Edge]

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	0.36	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.20	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.00	7	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-P							Weight: 20 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)
OTHERS	2x4 DF No.2(flat)

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-5-0 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 3-5-0.
(lb) - Max Horz 8=1(LC 4)
Max Uplift All uplift 100 lb or less at joint(s) except 8=-2401(LC 6), 5=-2243(LC 7), 7=-2351(LC 7), 6=-2194(LC 6)
Max Grav All reactions 250 lb or less at joint(s) except 8=2439(LC 5), 5=2252(LC 4), 7=2481(LC 4), 6=2293(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-8=-2434/2406, 4-5=-2250/2245, 1-2=-2107/2110, 2-3=-936/803, 3-4=-1062/1065
BOT CHORD 7-8=-1300/1300, 6-7=-940/937, 5-6=-706/706
WEBS 1-7=-3301/3296, 4-6=-2535/2528

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
3) Gable studs spaced at 1-4-0 oc.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2401 lb uplift at joint 8, 2243 lb uplift at joint 5, 2351 lb uplift at joint 7 and 2194 lb uplift at joint 6.
5) Non Standard bearing condition. Review required.
6) 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 3-5-0 for 1024.3 plf.
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.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	FT08	Floor Girder	1	2	R66461471

Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:42:04 2021 Page 1
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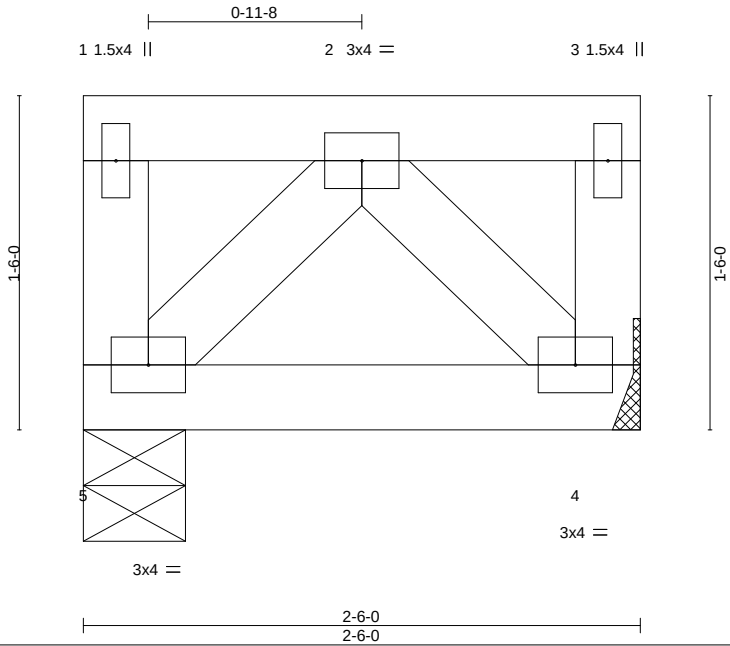

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.04	Vert(LL)	0.00	5	****	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.03	Vert(CT)	-0.00	5	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.02	Horz(CT)	0.00	4	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-P							Weight: 26 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 2-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=0-5-8, 4=Mechanical
Max Grav 5=372(LC 1), 4=372(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-294/0, 2-4=-294/0

NOTES-
1) 2-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 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) 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.
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.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 4-5=-7, 1-3=-330

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F24	Floor	4	1	R66461472
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:36:25 2021 Page 1
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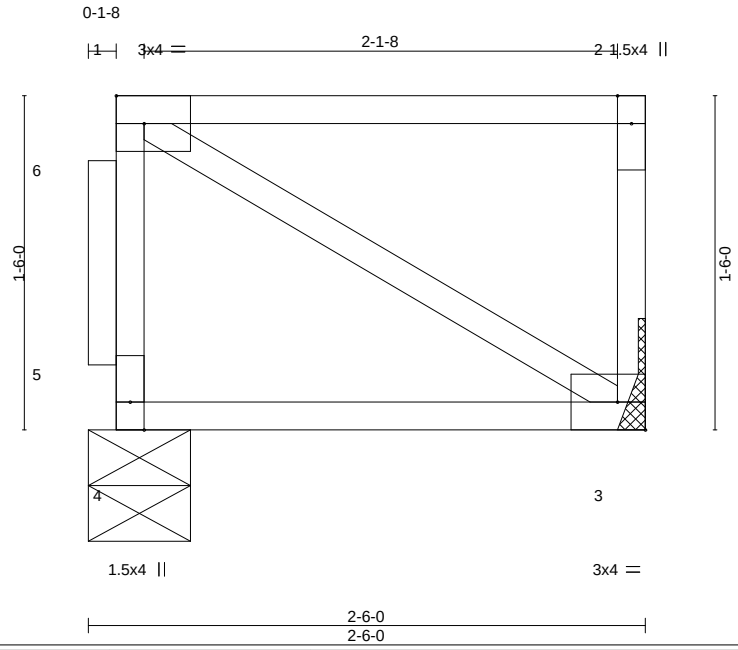

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.26	Vert(LL)	0.00	4	****	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	-0.00	3-4	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 14 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 2-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=0-5-8, 3=Mechanical
Max Grav 4=98(LC 1), 3=98(LC 1)

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

NOTES-
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) 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.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F43	Floor Supported Gable	1	1	R66461473
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:41:13 2021 Page 1
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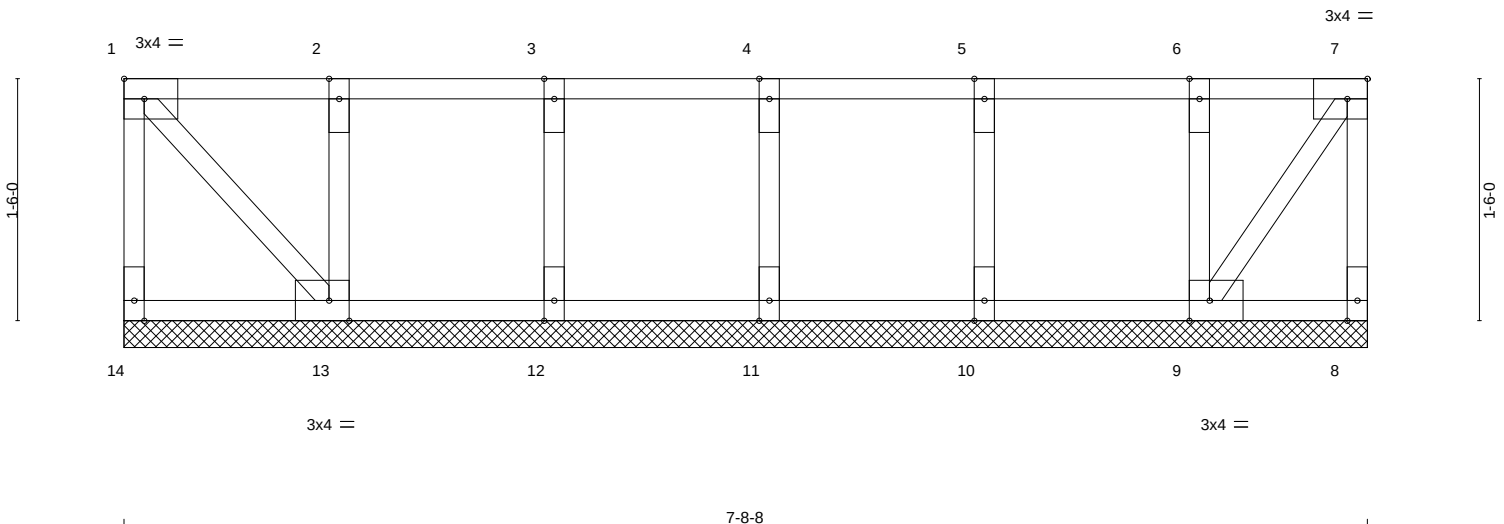

Plate Offsets (X,Y)-- [7:0-1-8,Edge], [9:0-1-8,Edge], [13:0-1-8,Edge]

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	0.09	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	-0.00	8	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 37 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)
OTHERS	2x4 DF No.2(flat)

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 7-8-8 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings 7-8-8.
(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-
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) 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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F27	Floor Supported Gable	1	1	R66461474
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:37:12 2021 Page 1
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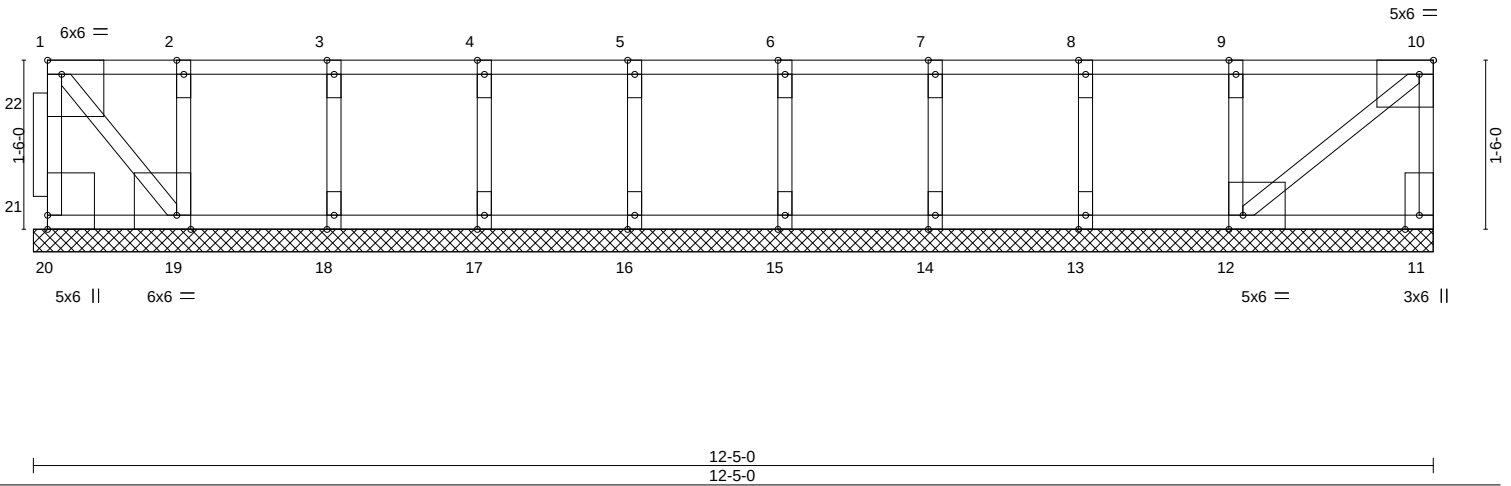

Plate Offsets (X,Y)-- [1:Edge,0-1-8], [10:0-1-8,Edge], [12:0-1-8,Edge], [19:0-1-8,Edge]

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	0.34	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.24	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.48	Horz(CT)	-0.00	16	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 56 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)
OTHERS	2x4 DF No.2(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 12-5-0.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 20=-2219(LC 6), 11=-1651(LC 7), 19=-2182(LC 7), 12=-1610(LC 6)
Max Grav All reactions 250 lb or less at joint(s) 18, 17, 16, 15, 14, 13 except 20=2253(LC 5), 11=1706(LC 4), 19=2301(LC 4), 12=1762(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-20=-2248/2223, 10-11=-1699/1658, 1-2=-1825/1827, 2-3=-1493/1495, 3-4=-1063/1066, 4-5=-634/636, 6-7=-653/655, 7-8=-1082/1085, 8-9=-1512/1514, 9-10=-2001/2004
BOT CHORD 19-20=-369/369, 18-19=-1495/1493, 17-18=-1066/1063, 16-17=-636/634, 14-15=-655/653, 13-14=-1085/1082, 12-13=-1514/1512, 11-12=-544/544
WEBS 10-12=-2654/2651, 1-19=-2912/2908

NOTES-
1) Unbalanced floor live loads have been considered for this design.
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2219 lb uplift at joint 20, 1651 lb uplift at joint 11, 2182 lb uplift at joint 19 and 1610 lb uplift at joint 12.
8) This truss has been designed for a total drag load of 4000 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 12-5-0 for 322.1 plf.
9) 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.
10) CAUTION, Do not erect truss backwards.

May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F35A	Floor	5	1	R66461475
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:39:37 2021 Page 1
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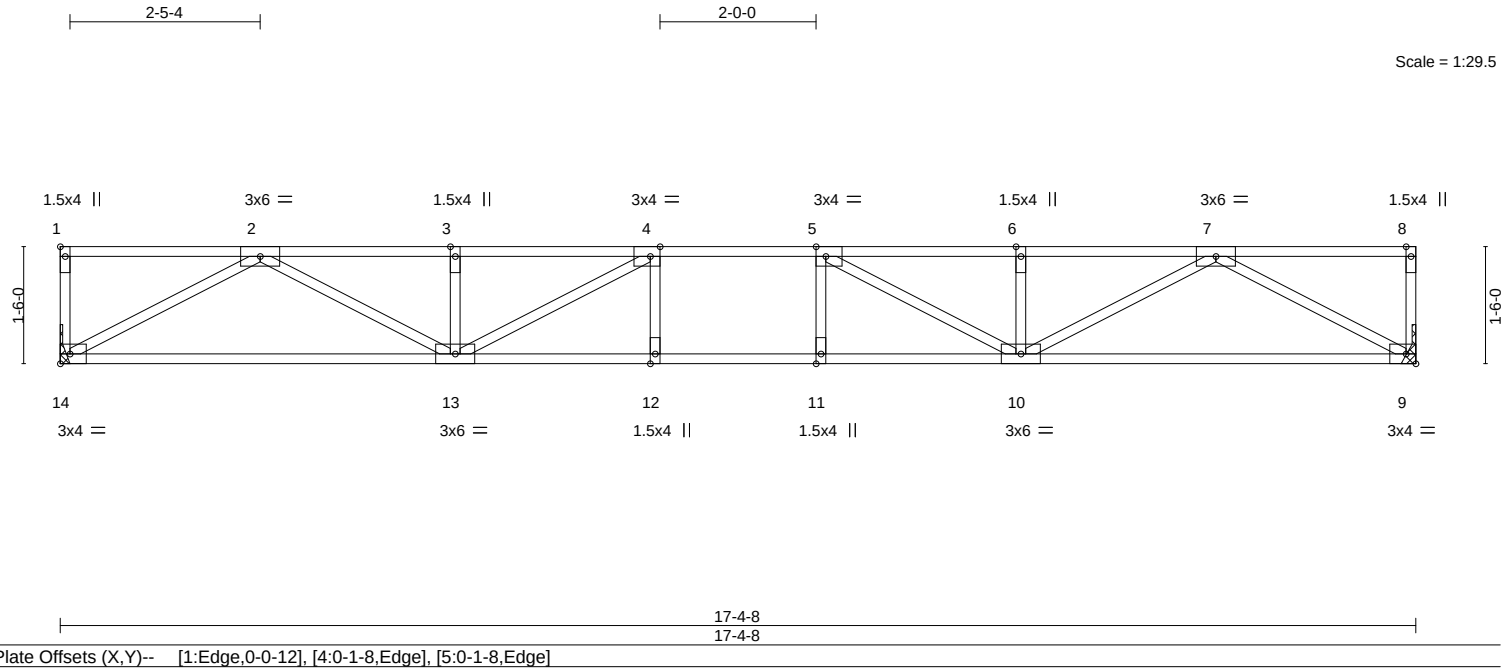

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge]

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	0.36	Vert(LL)	-0.14	12-13	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.66	Vert(CT)	-0.20	12-13	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.04	9	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 79 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 9=Mechanical, 14=Mechanical
Max Grav 9=747(LC 1), 14=747(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1965/0, 3-4=-1965/0, 4-5=-2328/0, 5-6=-1965/0, 6-7=-1965/0
BOT CHORD 13-14=0/1187, 12-13=0/2328, 11-12=0/2328, 10-11=0/2328, 9-10=0/1187
WEBS 7-9=-1354/0, 2-14=-1354/0, 7-10=0/889, 2-13=0/889, 5-10=-569/0, 4-13=-569/0

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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F35	Floor	3	1	R66461476
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:39:32 2021 Page 1
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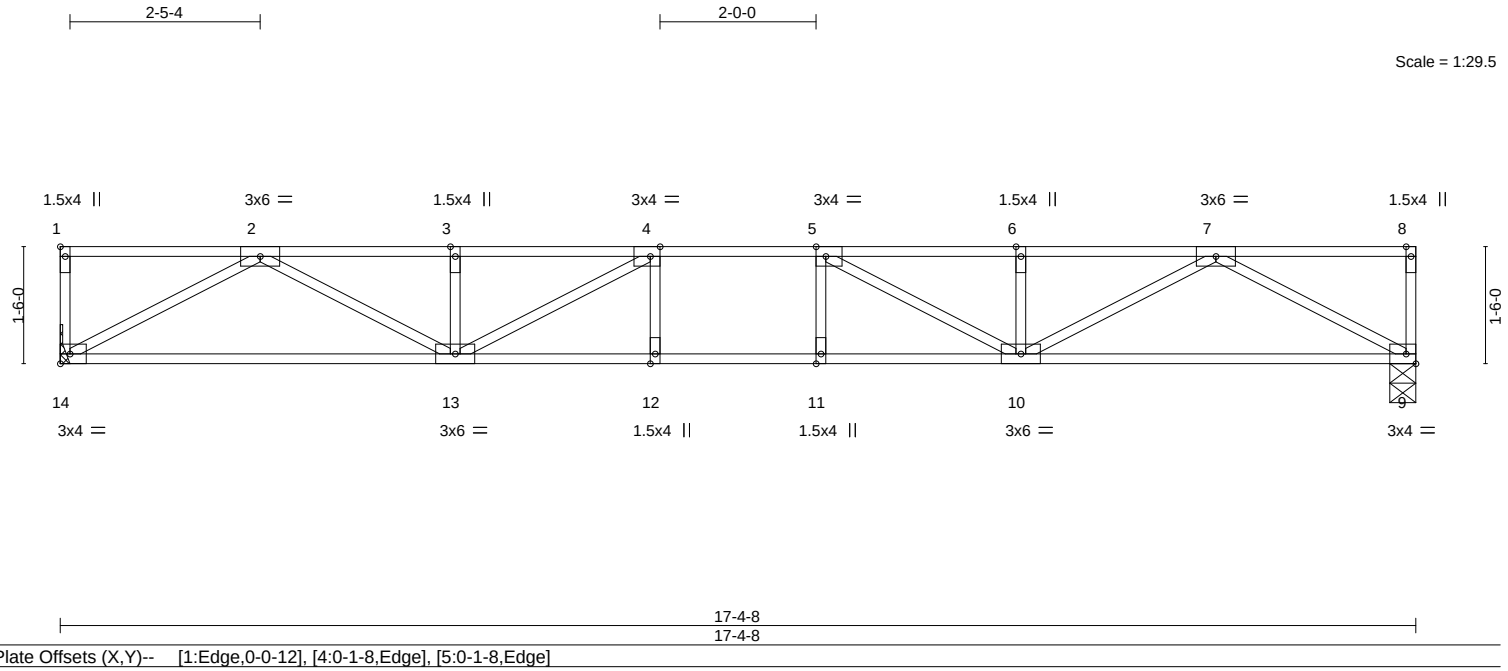

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge]

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	0.36	Vert(LL)	-0.14	12-13	>999	480	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.66	Vert(CT)	-0.20	12-13	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.04	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 79 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 9=0-4-0, 14=Mechanical
Max Grav 9=747(LC 1), 14=747(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1965/0, 3-4=-1965/0, 4-5=-2328/0, 5-6=-1965/0, 6-7=-1965/0
BOT CHORD 13-14=0/1187, 12-13=0/2328, 11-12=0/2328, 10-11=0/2328, 9-10=0/1187
WEBS 7-9=-1354/0, 2-14=-1354/0, 7-10=0/889, 2-13=0/889, 5-10=-569/0, 4-13=-569/0

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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	F21A	Floor Supported Gable	1	1	R66461477
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:35:37 2021 Page 1
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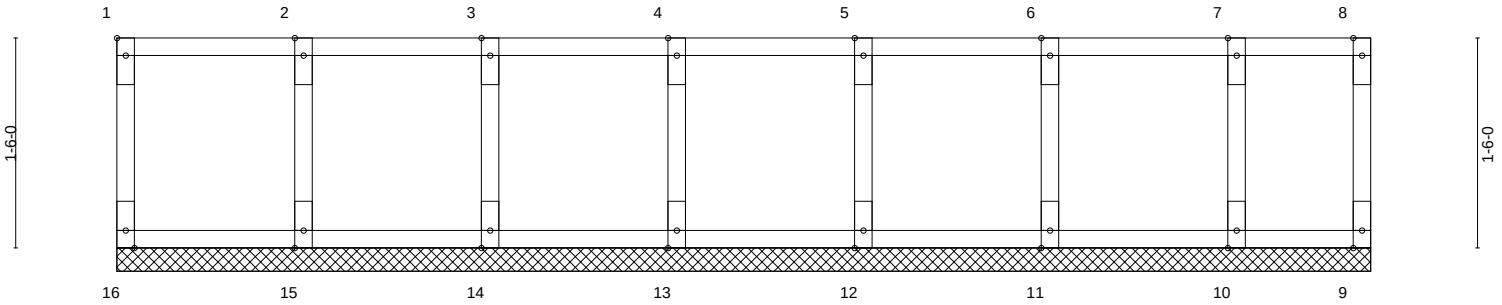


8-11-8
8-11-8

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

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	0.08	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-R							Weight: 38 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)
OTHERS 2x4 DF No.2(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 8-11-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 16, 9, 15, 14, 13, 12, 11, 10

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

NOTES-
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) 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.

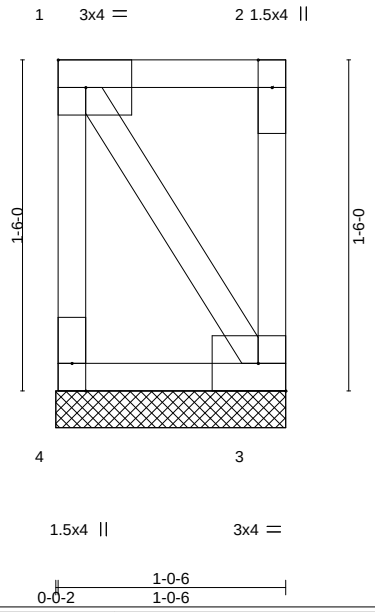
May 14,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Lot 3 Upper Floor
2103190A	B01	FLOOR BLOCKING	143	1	R66461478

Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Apr 20 2021 MiTek Industries, Inc. Thu May 13 15:34:56 2021 Page 1
ID:m2Et1_jLRMcuctmbE0pT6UzIsNA-jnYHvHkTAUuarE1nljNyZW8Y2tGpCQnyNPXdXjzGt8D



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	999	MT20	220/195
TCDL	20.0	Lumber DOL	1.00	BC	0.00	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	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-
1) Gable requires continuous bottom chord bearing.
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.

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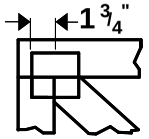
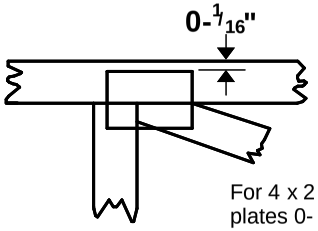
Symbols

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.

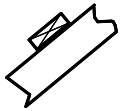
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

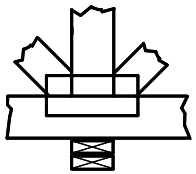
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

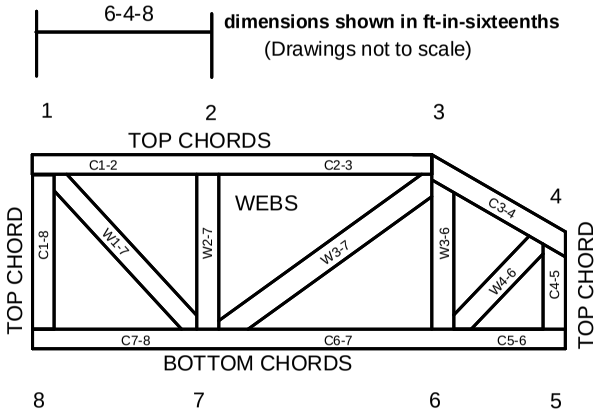


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



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.

MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020

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 Tor 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.