



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

Re: 2006745A

SEASCAPE HOMES Forest Ave 2nd 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: R65741915 thru R65741950

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



March 15, 2021

Dyer, Cecil

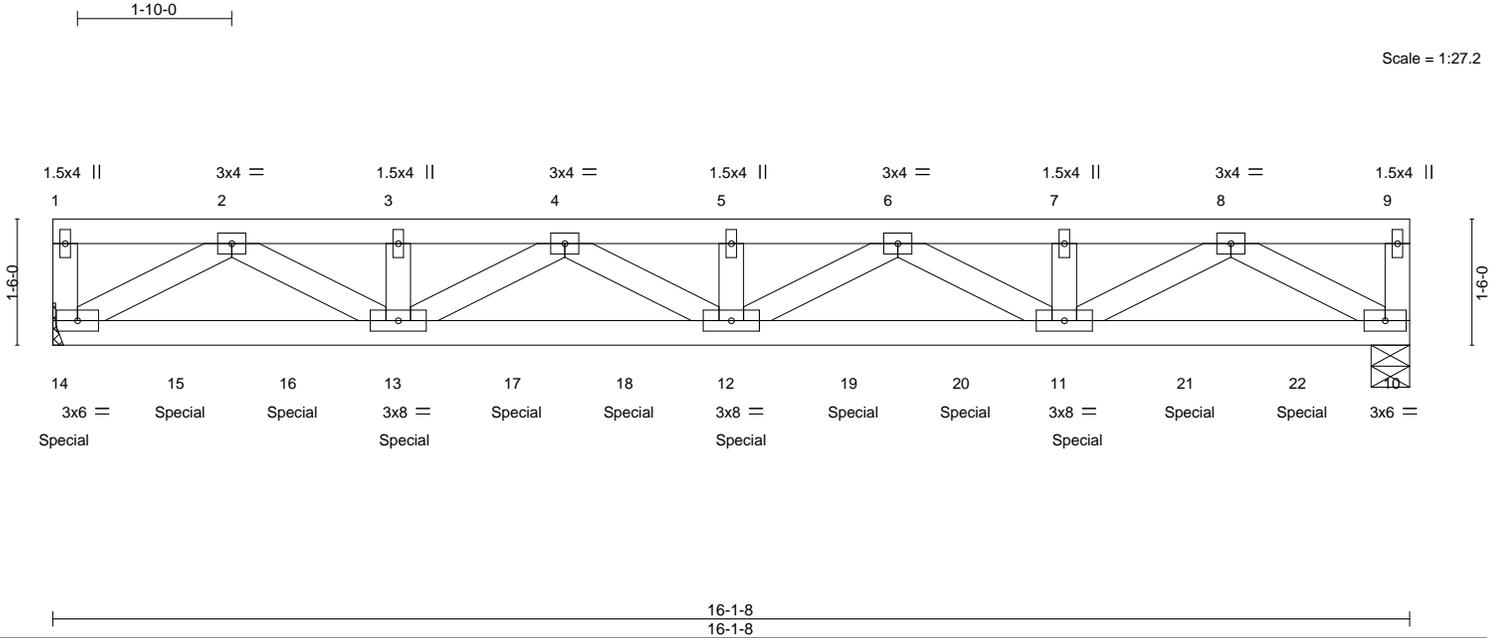
IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which 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 2006745A	Truss FT12	Truss Type Floor Girder	Qty 1	Ply 2	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741915
-----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:13 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlGE-JN1TCykyw?8lXmM1kf7fx0NA97kf_nbABFQrZae14

Scale = 1:27.2



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.08	Vert(LL) -0.07	12	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.35	Vert(CT) -0.09	12	>999	360		
BCLL 0.0	Rep Stress Incr NO	WB 0.12	Horz(CT) 0.02	10	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH						
							Weight: 144 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, Except: 6-0-0 oc bracing: 10-11.

REACTIONS.

(size) 14=Mechanical, 10=0-5-8
Max Uplift 10=17(LC 7)
Max Grav 14=998(LC 1), 10=888(LC 1)

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

TOP CHORD 1-2=-262/202, 2-3=-2071/0, 3-4=-2071/0, 4-5=-2367/0, 5-6=-2367/0, 6-7=-2041/0, 7-8=-2041/0, 8-9=-263/202
BOT CHORD 13-14=-77/1181, 12-13=0/2332, 11-12=0/2316, 10-11=-80/1167
WEBS 2-14=-1293/101, 2-13=-136/1054, 4-13=-454/260, 4-12=-303/283, 6-12=-297/287, 6-11=-469/257, 8-11=-139/1039, 8-10=-1274/104

NOTES-

- 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.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced floor live loads have been considered for this design.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 17 lb uplift at joint 10.
- This truss has been designed for a total drag load of 2000 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 16-1-8 for 124.0 plf.
- Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 117 lb down at 0-1-12, 115 lb down at 1-6-5, 115 lb down at 2-10-5, 115 lb down at 4-2-5, 137 lb up at 5-6-5, 137 lb up at 6-10-5, 137 lb up at 8-2-5, 137 lb up at 9-6-5, 137 lb up at 10-10-5, 115 lb down at 12-2-5, and 115 lb down at 13-6-5, and 115 lb down at 14-10-5 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 10-14=-7, 1-9=-67



March 15, 2021

Continued on page 2

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

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



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

Job 2006745A	Truss FT12	Truss Type Floor Girder	Qty 1	Ply 2	SEASCAPE HOMES Forest Ave 2nd Floor R65741915 Job Reference (optional)
-----------------	---------------	----------------------------	----------	-----------------	--

Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:13 2021 Page 2
ID:XH_9_4rKIK7JSG8aAxxL2lyDlge-JN1TCytkyw?8lXmM1kf7fx0NA97kf_nbABFxrzae14

LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 14=-117(F) 13=-115(F) 12=16(F) 11=-115(F) 15=-115(F) 16=-115(F) 17=16(F) 18=16(F) 19=16(F) 20=16(F) 21=-115(F) 22=-115(F)

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

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



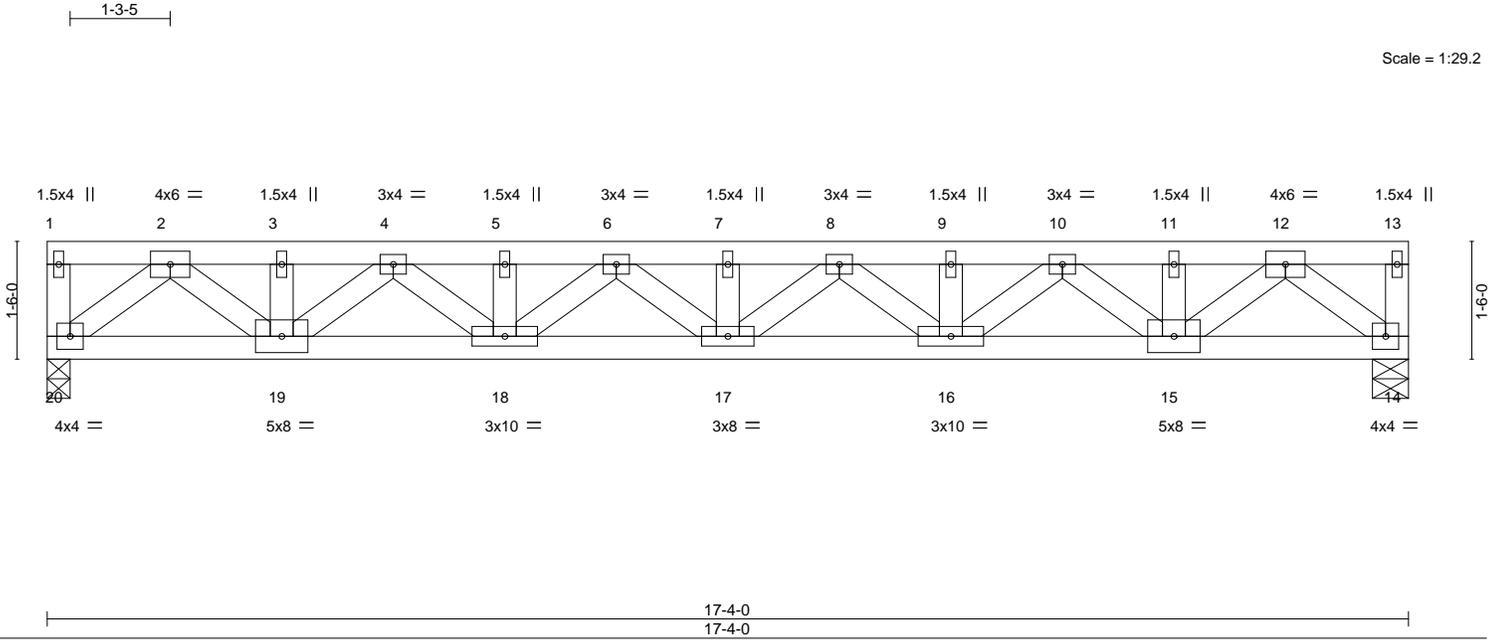
MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss FT11	Truss Type FLOOR GIRDER	Qty 1	Ply 3	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741916
-----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:12 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-qBT4?ct5BctHhNBAT08u7kT5mjNwS5SxXWNtPzae15

Scale = 1:29.2



LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00	TC 0.57	Vert(LL)	-0.29	17	>709	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.62	Vert(CT)	-0.40	17	>516		
BCLL 0.0	Rep Stress Incr	YES	WB 0.40	Horz(CT)	0.07	14	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-SH						
								Weight: 243 lb	FT = 11%

LUMBER-

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

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-8-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 20=0-3-8, 14=0-5-8
Max Grav 20=4885(LC 1), 14=4885(LC 1)

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

TOP CHORD 1-20=-446/0, 13-14=-447/0, 2-3=-9387/0, 3-4=-9387/0, 4-5=-15024/0, 5-6=-15024/0, 6-7=-16890/0, 7-8=-16890/0, 8-9=-15025/0, 9-10=-15025/0, 10-11=-9389/0, 11-12=-9389/0
BOT CHORD 19-20=0/5255, 18-19=0/12757, 17-18=0/16528, 16-17=0/16529, 15-16=0/12759, 14-15=0/5257
WEBS 2-20=6709/0, 2-19=0/5425, 3-19=-695/0, 4-19=-4425/0, 4-18=0/2977, 5-18=-634/0, 6-18=-1975/0, 6-17=0/474, 7-17=-619/0, 8-17=0/474, 8-16=-1975/0, 9-16=-634/0, 10-16=0/2976, 10-15=-4424/0, 11-15=-695/0, 12-15=0/5425, 12-14=-6711/0

NOTES-

- 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- 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

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-20=-7, 1-13=-567



March 15, 2021

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

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

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

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



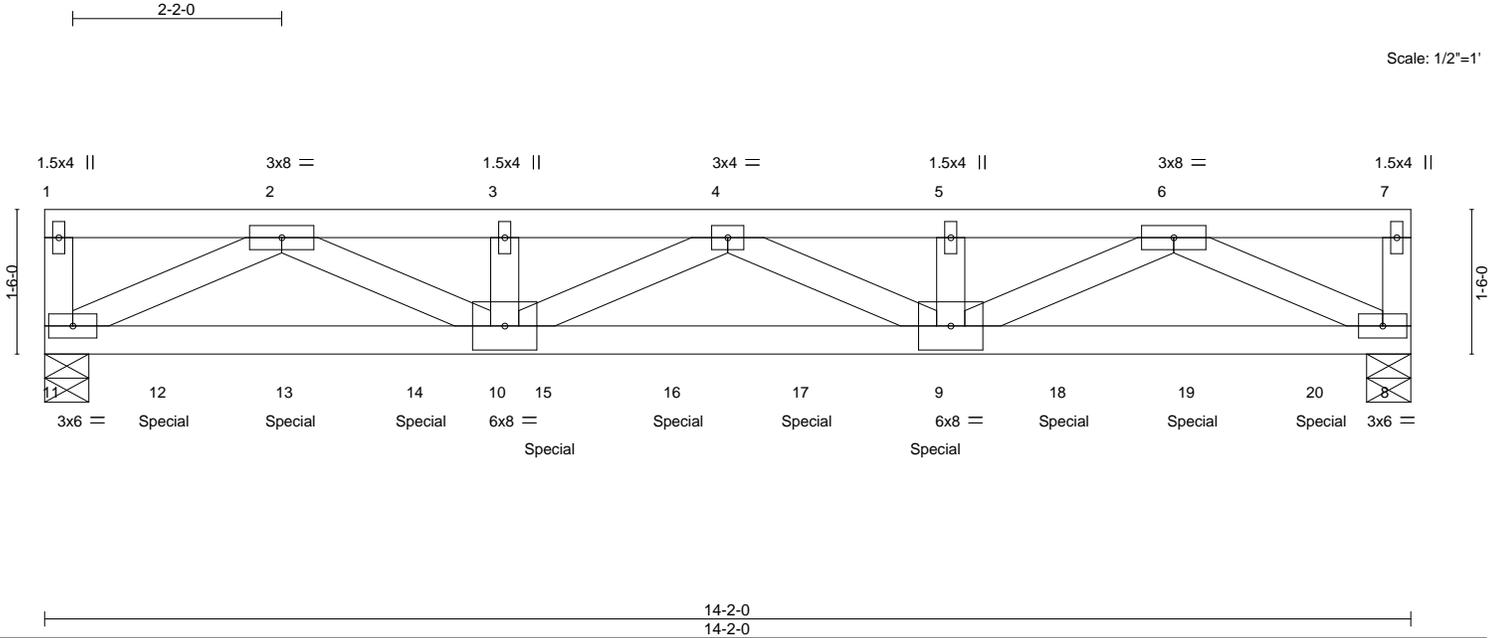
MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss FT10	Truss Type Floor Girder	Qty 1	Ply 2	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741917
-----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:11 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDIgE-M_vioGsTQIIQ3Ec_vJdfaWw_ILNIBOYlitmqLzgae16

Scale: 1/2"=1'



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-4-0 Plate Grip DOL 1.00	TC 0.29	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.58	Vert(LL) -0.14 9-10 >999 480		
BCLL 0.0	Rep Stress Incr NO	WB 0.35	Vert(CT) -0.19 9-10 >858 360		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH	Horz(CT) 0.03 8 n/a n/a		
				Weight: 125 lb	FT = 11%

LUMBER-

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

BRACING-

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

REACTIONS.

(size) 11=0-5-8, 8=0-5-8
Max Grav 11=2157(LC 1), 8=2323(LC 1)

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

TOP CHORD 1-2=-677/602, 2-3=-6160/0, 3-4=-6160/0, 4-5=-6263/0, 5-6=-6263/0, 6-7=-683/596
BOT CHORD 10-11=-110/3353, 9-10=0/6437, 8-9=-99/3421
WEBS 2-11=-3532/151, 2-10=-210/3167, 4-10=-812/694, 4-9=-780/713, 6-9=-203/3206, 6-8=-3568/145

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced floor live loads have been considered for this design.
- 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 14-2-0 for 282.4 plf.
- Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.
Strongbacks to be attached to walls at their outer ends or restrained by other means.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 306 lb down at 1-3-0, 306 lb down at 2-6-12, 356 lb down at 3-11-0, 356 lb down at 5-3-0, 356 lb down at 6-7-0, 356 lb down at 7-11-0, 356 lb down at 9-3-0, 356 lb down at 10-7-0, and 356 lb down at 11-11-0, and 356 lb down at 13-3-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 8-11=-7, 1-7=-67
Concentrated Loads (lb)
Vert: 9=-356(B) 12=-306(B) 13=-306(B) 14=-356(B) 15=-356(B) 16=-356(B) 17=-356(B) 18=-356(B) 19=-356(B) 20=-356(B)



March 15, 2021

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

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

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

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

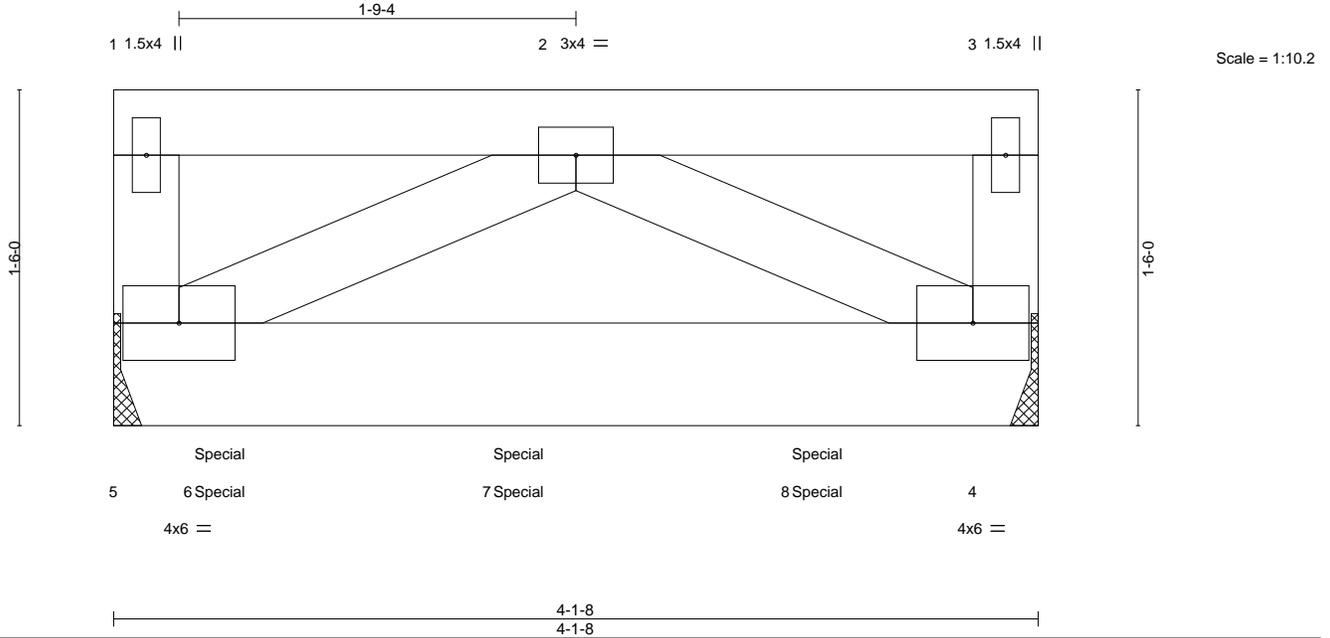


MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss FT08	Truss Type Floor Girder	Qty 1	Ply 2	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741918
-----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:10 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDlGE-uoLKawrrf?dZR41nMb6Q1JOfx_rSeh9UD1GpXzae17



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.03	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.81	Vert(LL) -0.04 4-5 >999 480		
BCLL 0.0	Rep Stress Incr NO	WB 0.01	Vert(CT) -0.05 4-5 >881 360		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-P	Horz(CT) 0.00 4 n/a n/a	Weight: 43 lb	FT = 11%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x6 DF No.2
WEBS 2x4 DF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-1-8 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=1700(LC 1), 4=1339(LC 1)

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

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-5-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Refer to girder(s) for truss to truss connections.
- Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.
Strongbacks to be attached to walls at their outer ends or restrained by other means.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 325 lb down at 0-5-12, 596 lb down at 0-5-12, 324 lb down at 1-9-12, 594 lb down at 1-9-12, and 324 lb down at 3-1-12, and 594 lb down at 3-1-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 4-5=-7, 1-3=-67
Concentrated Loads (lb)
Vert: 6=-921(F=-325, B=-596) 7=-919(F=-324, B=-594) 8=-919(F=-324, B=-594)



March 15, 2021

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

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



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

Job 2006745A	Truss F30	Truss Type Floor	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741919
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:01 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDIgE-f3lwhrkCnEurshr3KCRJAPWIVJ2prYzqJLI_Yzae1G



Scale = 1:22.5

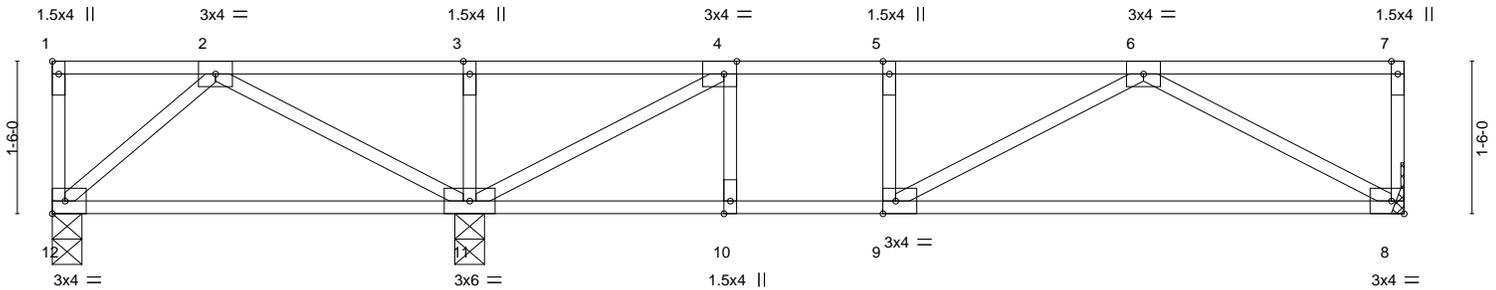


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [9:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.25	Vert(LL) -0.06	8-9	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.30	Vert(CT) -0.10	8-9	>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: 62 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) 11=0-3-8, 12=0-3-8, 8=Mechanical
Max Grav 11=432(LC 7), 12=260(LC 8), 8=365(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-341/10, 3-4=-341/10, 4-5=-644/0, 5-6=-644/0
BOT CHORD 10-11=0/644, 9-10=0/644, 8-9=0/518
WEBS 2-12=-329/0, 6-8=-591/0, 4-11=-500/0

- 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 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F28	Truss Type Floor	Qty 7	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741920
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:59 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDIgE-jgAAGAjxFcE7dOhgCnPr5_Qz1VPxNfoXy?sBwfzae11

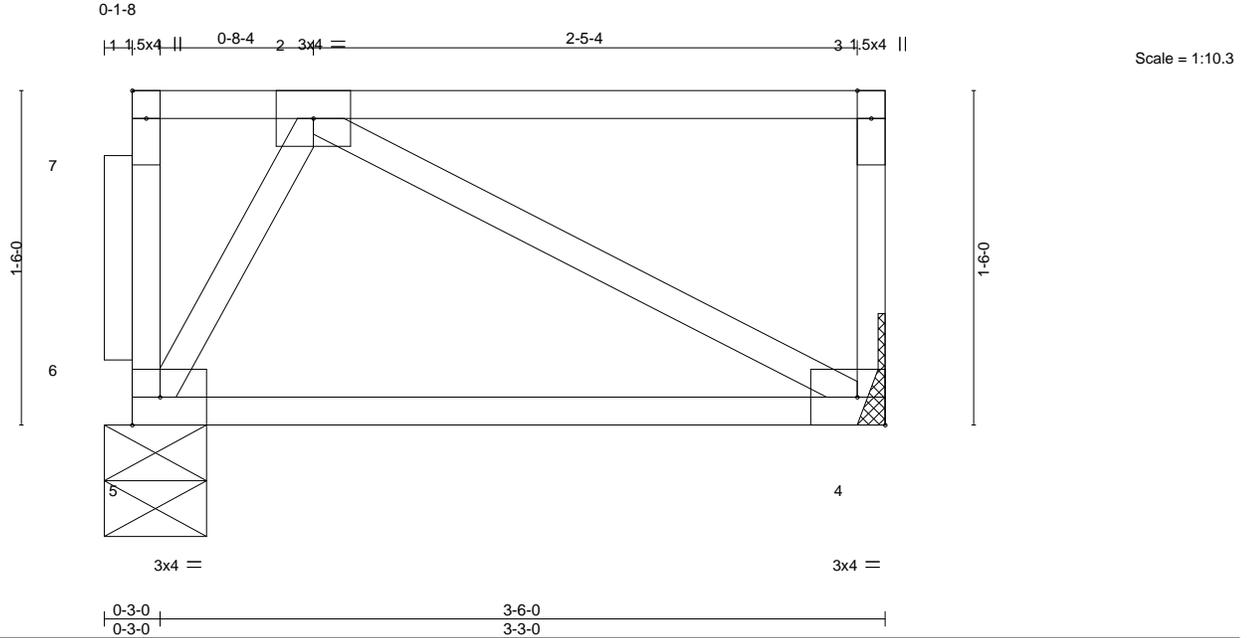


Plate Offsets (X, Y)--		[1:Edge,0-0-12]								
LOADING (psf)	SPACING-	1-4-0	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00		TC 0.18	Vert(LL) 0.00	5	****	480		MT20	220/195
TCDL 10.0	Lumber DOL 1.00		BC 0.07	Vert(CT) -0.01	4-5	>999	360			
BCLL 0.0	Rep Stress Incr YES		WB 0.02	Horz(CT) 0.00	4	n/a	n/a			
BCDL 5.0	Code IRC2015/TPI2014		Matrix-P						Weight: 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 3-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 4=Mechanical, 5=0-5-8
Max Grav 4=119(LC 1), 5=119(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.



March 15, 2021

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 5/19/2020 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



Job 2006745A	Truss F27	Truss Type Floor	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741921
-----------------	--------------	---------------------	----------	----------	---	-----------

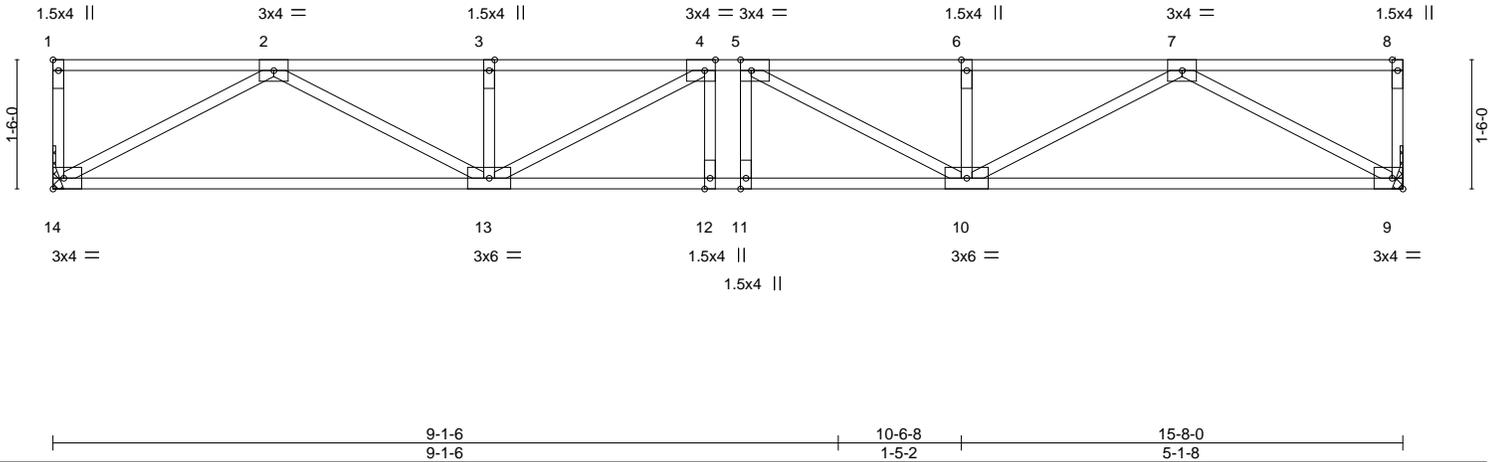
Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:59 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-jgAAGAjxFcE7dOhgCnPr5_QyrVL1NdIXy?sBwfzae11

2-5-4

Q-3-8

Scale = 1:26.6



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-4-0	TC 0.19	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Plate Grip DOL 1.00	BC 0.38	Vert(LL) -0.08 12 >999 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.18	Vert(CT) -0.10 12 >999 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.03 9 n/a n/a		
	Code IRC2015/TPI2014			Weight: 75 lb	FT = 20%F, 11%E

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

REACTIONS. (size) 9=Mechanical, 14=Mechanical
Max Grav 9=570(LC 1), 14=570(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1437/0, 3-4=-1437/0, 4-5=-1625/0, 5-6=-1437/0, 6-7=-1437/0
BOT CHORD 13-14=0/889, 12-13=0/1625, 11-12=0/1625, 10-11=0/1625, 9-10=0/889
WEBS 7-9=-1014/0, 2-14=-1014/0, 7-10=0/626, 2-13=0/626, 5-10=-310/27, 4-13=-310/27

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.



March 15, 2021

Job 2006745A	Truss F26	Truss Type Floor	Qty 9	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor R65741922
-----------------	--------------	---------------------	----------	----------	--

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:58 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlge-FUdo3qjUJ6G?E6Uf4ucYnun16_geA?OjL7eODzae1J



Scale = 1:27.0

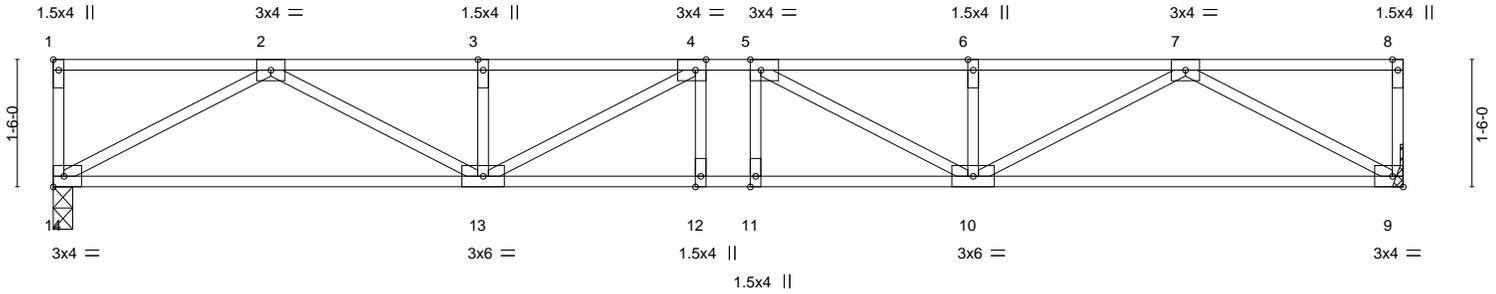


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-4-0 Plate Grip DOL 1.00	TC 0.20	Vert(LL) -0.08	12	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.39	Vert(CT) -0.11	12	>999	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.18	Horz(CT) 0.03	9	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH					Weight: 75 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=0-2-12
Max Grav 9=578(LC 1), 14=578(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1468/0, 3-4=-1468/0, 4-5=-1669/0, 5-6=-1468/0, 6-7=-1468/0
BOT CHORD 13-14=0/904, 12-13=0/1669, 11-12=0/1669, 10-11=0/1669, 9-10=0/904
WEBS 7-9=-1031/0, 2-14=-1031/0, 7-10=0/644, 2-13=0/644, 5-10=-334/18, 4-13=-334/18

- 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) 14.
 - 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.



March 15, 2021

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

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

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

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



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

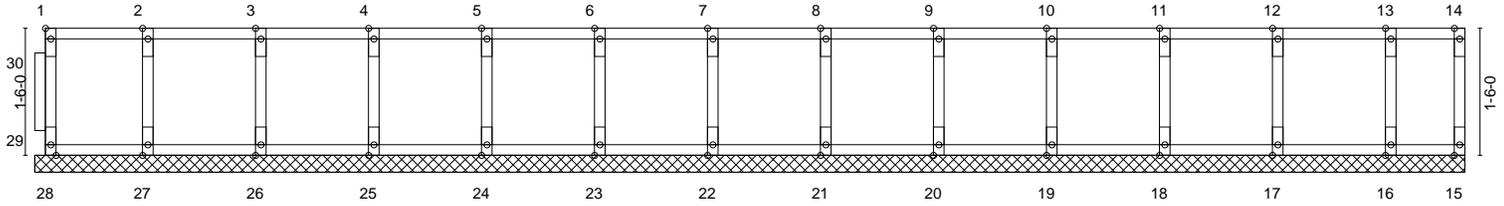
Job 2006745A	Truss F25	Truss Type Floor Supported Gable	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor R65741923
-----------------	--------------	-------------------------------------	----------	----------	--

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:58 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-FUdo3qjUJ6G?E6Uf4ucYnup764beCbOjL7eODzae1J

0-1/8

Scale = 1:27.1



16-10-8
16-10-8

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.06	Vert(LL)	n/a	-	n/a	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr YES	WB 0.02	Horz(CT)	0.00	15	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-R						
							Weight: 70 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 16-10-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 28, 15, 27, 26, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16

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) Attach ribbon block to truss with 3-10d nails applied to flat face.
 - 3) Gable requires continuous bottom chord bearing.
 - 4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 5) Gable studs spaced at 1-4-0 oc.
 - 6) 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.



March 15, 2021

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

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

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

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



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

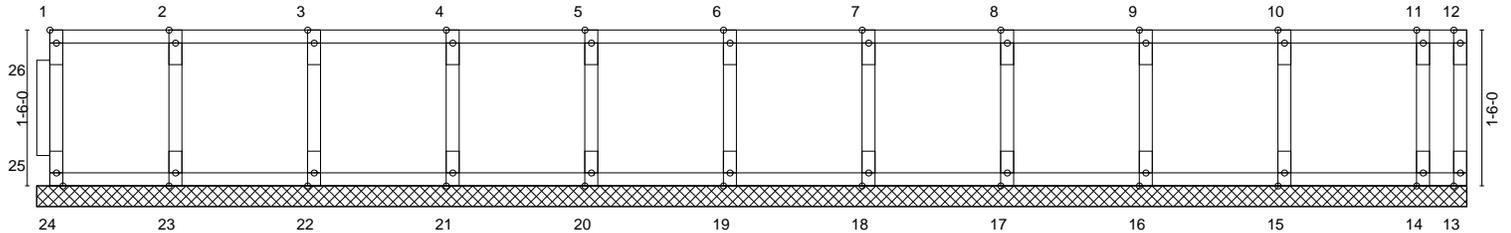
Job 2006745A	Truss F20A	Truss Type Floor Supported Gable	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741924
-----------------	---------------	-------------------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:53 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDIgE-uXpv06eBfmUzvTEWsXIRjByN5NPzyMfZ4PtI0zae1O

0.1:8

Scale = 1:22.1



13-9-1
13-9-1

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.07	Vert(LL)	n/a	-	n/a	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr YES	WB 0.02	Horz(CT)	0.00	13	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-R					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 10-0-0 oc bracing.

REACTIONS. All bearings 13-9-1.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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) Attach ribbon block to truss with 3-10d nails applied to flat face.
 - 3) Gable requires continuous bottom chord bearing.
 - 4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 5) Gable studs spaced at 1-4-0 oc.
 - 6) 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F20	Truss Type Floor	Qty 11	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741925
-----------------	--------------	---------------------	-----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:52 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDlge-QKFwomdYuTM6HJfKlPnCJWekWhxsET_VLQgJAZzae1P

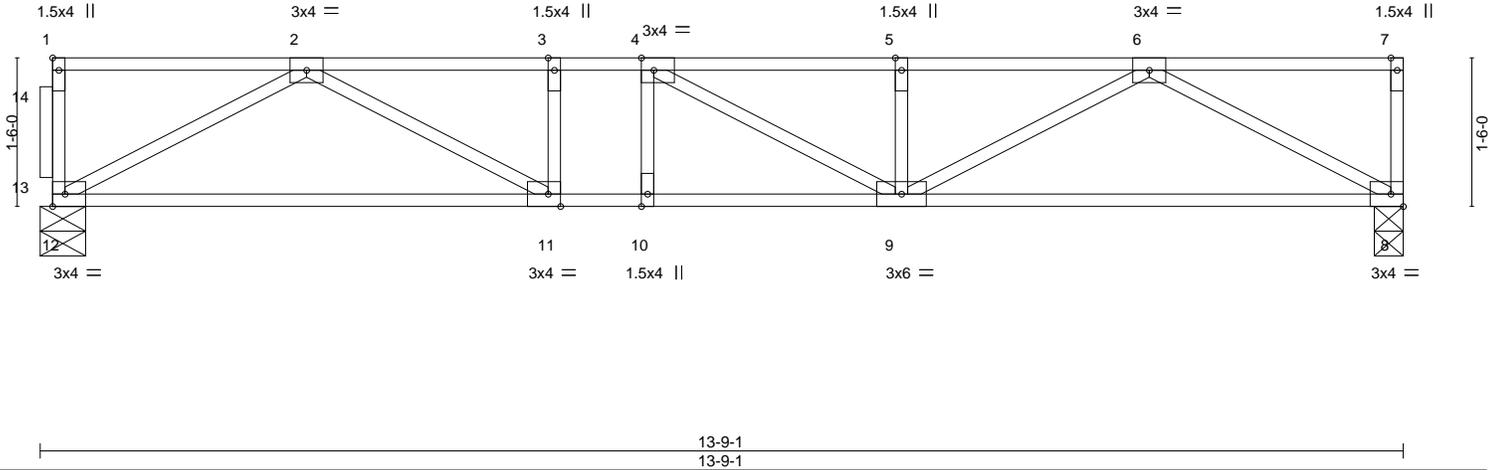


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-4-0 Plate Grip DOL 1.00	TC 0.26	Vert(LL) -0.06	9-10	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.41	Vert(CT) -0.08	9-10	>999	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.15	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=0-3-8, 12=0-5-8
Max Grav 8=495(LC 1), 12=495(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1180/0, 3-4=-1180/0, 4-5=-1174/0, 5-6=-1174/0
BOT CHORD 11-12=0/757, 10-11=0/1180, 9-10=0/1180, 8-9=0/753
WEBS 6-8=-860/0, 2-12=-864/0, 6-9=0/480, 2-11=0/489

- 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F21	Truss Type Floor	Qty 8	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741926
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:55 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlGE-qvxfRofRBOkh8mOvzylVw8GGqu0RrWx1Ou_nuzae1M



Scale = 1:18.2

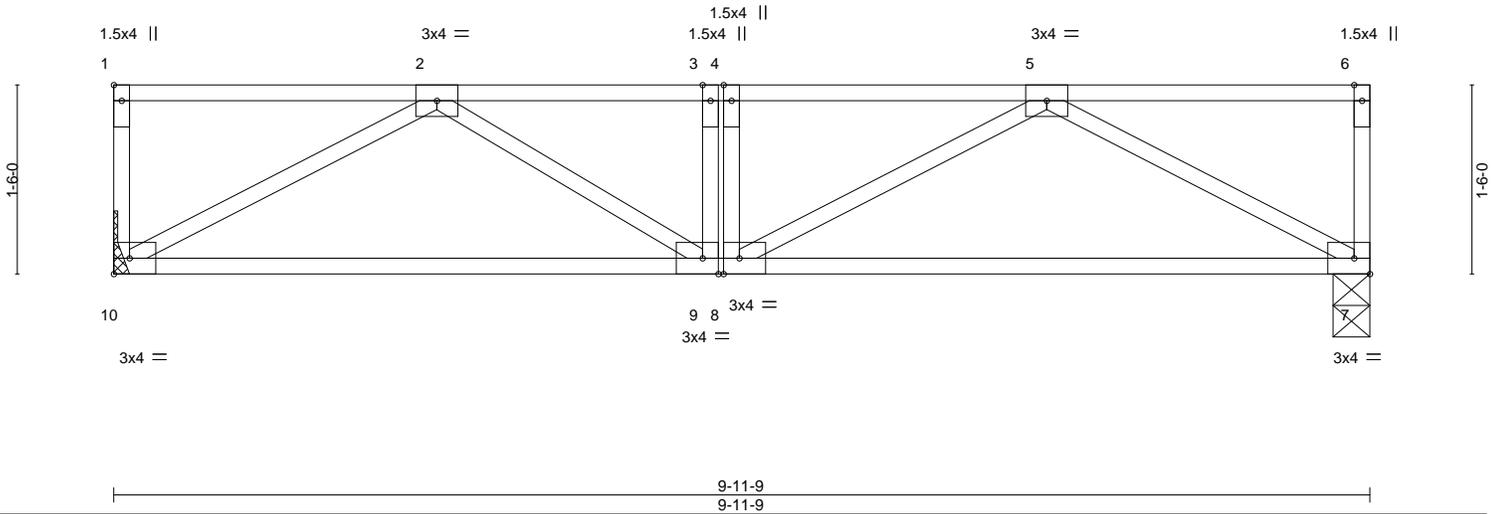


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [8:0-1-8,Edge], [9:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-4-0	TC 0.20	Vert(LL) -0.02	7-8	>999	480	MT20	220/195
TCDL 10.0	Plate Grip DOL 1.00	BC 0.21	Vert(CT) -0.05	7-8	>999	360		
BCLL 0.0	Lumber DOL 1.00	WB 0.10	Horz(CT) 0.01	7	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH					Weight: 48 lb	FT = 20%F, 11%E
	Code IRC2015/TPI2014							

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=0-3-8, 10=Mechanical
Max Grav 7=361(LC 1), 10=361(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-670/0, 3-4=-670/0, 4-5=-670/0
BOT CHORD 9-10=0/511, 8-9=0/670, 7-8=0/512
WEBS 5-7=-584/0, 2-10=-583/0

- 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F22	Truss Type Floor	Qty 2	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor R65741927
-----------------	--------------	---------------------	----------	----------	--

Lowus Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:56 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-I6V1e8g3yhsYmwz5Xfs8TmP9IHQAG05G2eXJKzae1L



Scale = 1:46.9

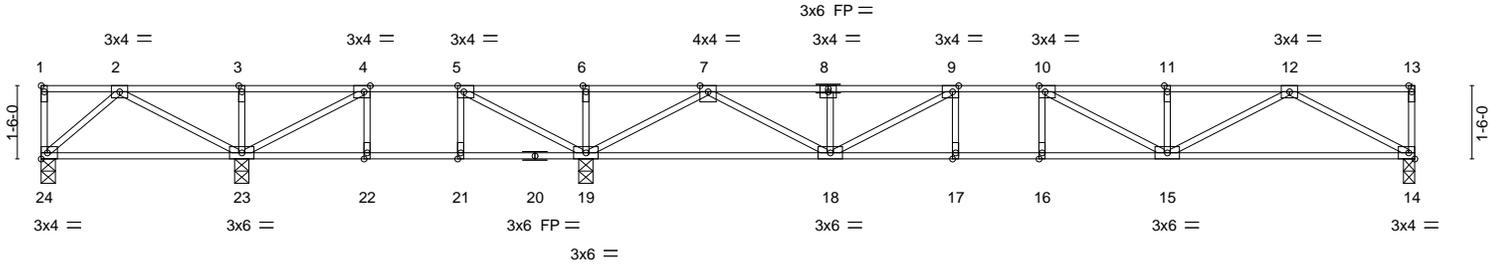


Plate Offsets (X, Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge], [9:0-1-8,Edge], [10:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.35	Vert(LL) -0.12	15-16	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.57	Vert(CT) -0.15	15-16	>999	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.21	Horz(CT) 0.02	14	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH						
							Weight: 129 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) 14=0-2-12.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 24=-160(LC 4)
Max Grav All reactions 250 lb or less at joint(s) 24 except 14=563(LC 11), 23=605(LC 11), 19=983(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/622, 3-4=0/622, 4-5=-75/523, 5-6=0/758, 6-7=0/758, 7-8=-1125/0, 8-9=-1120/0,
9-10=-1551/0, 10-11=-1421/0, 11-12=-1421/0
BOT CHORD 22-23=-523/75, 21-22=-523/75, 19-21=-523/75, 18-19=0/389, 17-18=0/1551,
16-17=0/1551, 15-16=0/1551, 14-15=0/876
WEBS 2-23=-551/0, 2-24=-37/272, 4-23=-317/45, 5-19=-437/0, 12-14=-1000/0, 7-19=-1206/0,
12-15=0/622, 7-18=0/861, 10-15=-277/49, 9-18=-552/0

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 14.
 - 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 160 lb uplift at joint 24.
 - 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F24	Truss Type Floor	Qty 6	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741928
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:57 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlGE-ml3PrUhhj?_PO4X15NNN0ZLbeic_vIVEUIN4rnzae1K



Scale = 1:29.1

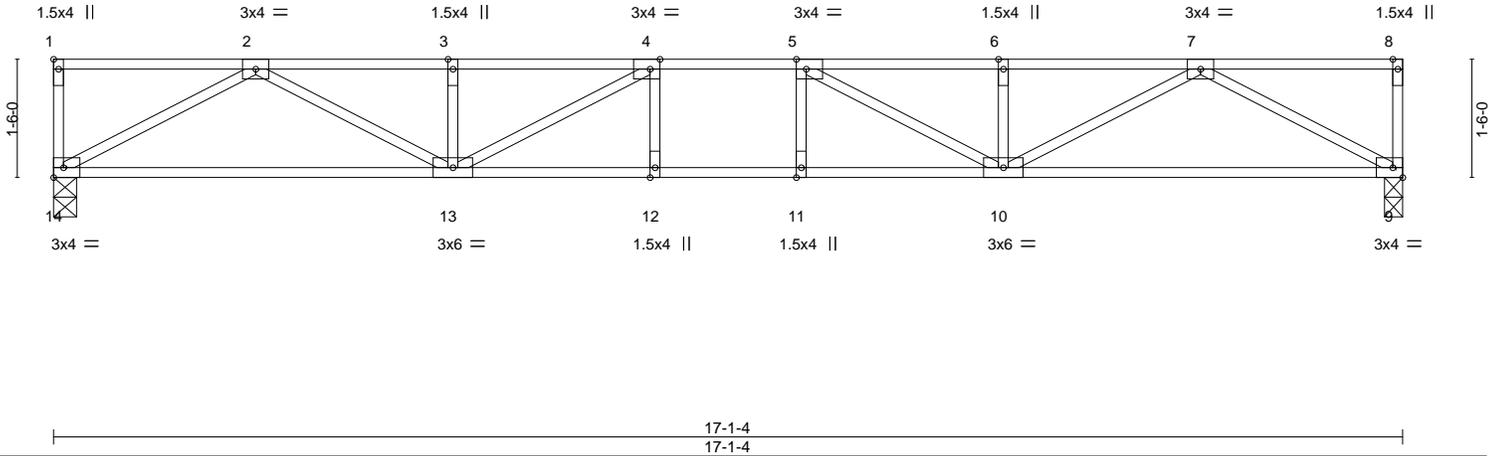


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.30	Vert(LL) -0.12	12-13	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.54	Vert(CT) -0.16	12-13	>999	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.20	Horz(CT) 0.03	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=0-2-12, 14=0-3-8
Max Grav 9=623(LC 1), 14=623(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1629/0, 3-4=-1629/0, 4-5=-1913/0, 5-6=-1629/0, 6-7=-1629/0
BOT CHORD 13-14=0/984, 12-13=0/1913, 11-12=0/1913, 10-11=0/1913, 9-10=0/984
WEBS 7-9=-1123/0, 2-14=-1123/0, 7-10=0/736, 2-13=0/736, 5-10=-471/0, 4-13=-471/0

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) 9.
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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F23	Truss Type Floor	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor R65741929
-----------------	--------------	---------------------	----------	----------	--

Lowus Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:57 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlGE-ml3PrUhhj?_PO4X15NNNOZLa3icGviEUIN4rnzae1K



Scale = 1:46.5

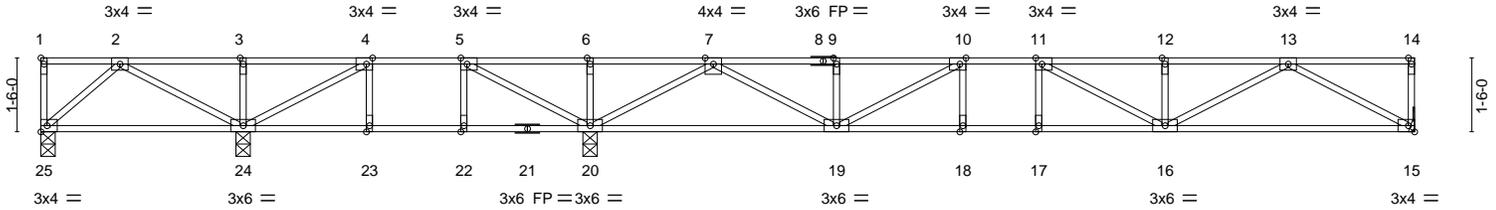


Plate Offsets (X, Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge], [10:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.34	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.53	Vert(LL) -0.10 16-17 >999 480		
BCLL 0.0	Rep Stress Incr YES	WB 0.21	Vert(CT) -0.13 16-17 >999 360		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH	Horz(CT) 0.02 15 n/a n/a		
				Weight: 128 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) 15=Mechanical.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) except 25=-160(LC 4)
Max Grav All reactions 250 lb or less at joint(s) 25 except 15=554(LC 11), 24=604(LC 11), 20=976(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/621, 3-4=0/621, 4-5=-73/521, 5-6=0/761, 6-7=0/761, 7-9=-1097/0, 9-10=-1097/0, 10-11=-1504/0, 11-12=-1388/0, 12-13=-1388/0
BOT CHORD 23-24=-521/73, 22-23=-521/73, 20-22=-521/73, 19-20=0/377, 18-19=0/1504, 17-18=0/1504, 16-17=0/1504, 15-16=0/860
WEBS 2-24=-550/0, 2-25=-35/272, 4-24=-317/45, 5-20=-438/0, 13-15=-982/0, 7-20=-1191/0, 13-16=0/602, 7-19=0/843, 11-16=-263/68, 10-19=-530/0

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) All plates are 1.5x4 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 160 lb uplift at joint 25.
 - 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F32	Truss Type Floor	Qty 3	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741930
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:02 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-7FslvBlqYXciUrQFuwzYjd2S1jLca_uzez5rX_zae1F

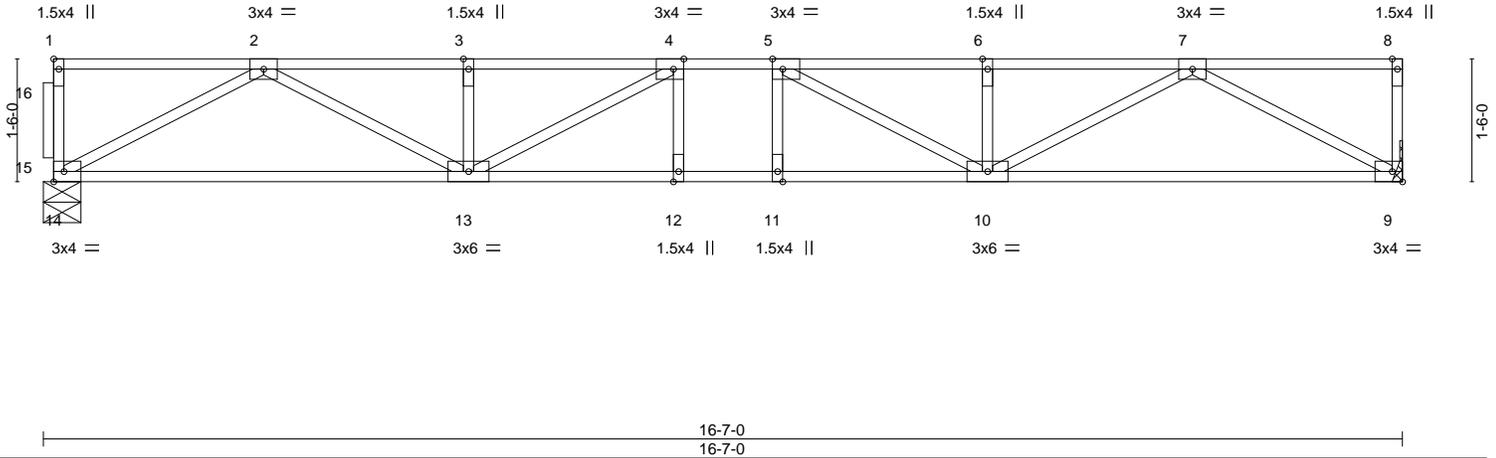
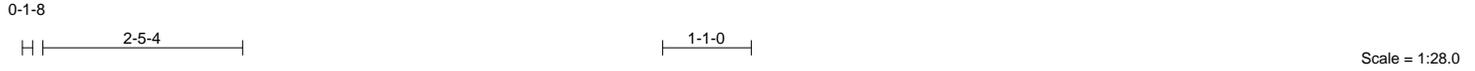


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-4-0 Plate Grip DOL 1.00	TC 0.26	Vert(LL) -0.09	12	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.45	Vert(CT) -0.12	11-12	>999	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.19	Horz(CT) 0.03	9	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH						
							Weight: 78 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=0-5-8
Max Grav 9=599(LC 1), 14=599(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1544/0, 3-4=-1544/0, 4-5=-1780/0, 5-6=-1544/0, 6-7=-1544/0
BOT CHORD 13-14=0/941, 12-13=0/1780, 11-12=0/1780, 10-11=0/1780, 9-10=0/941
WEBS 7-9=-1074/0, 2-14=-1074/0, 7-10=0/688, 2-13=0/688, 5-10=-396/0, 4-13=-396/0

- 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F20B	Truss Type Floor Girder	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741932
-----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:53 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-uXpv06eBfmUzvTEWsXIRjBu45GSzw8fZ4Pti0zae1O



Scale = 1:23.1

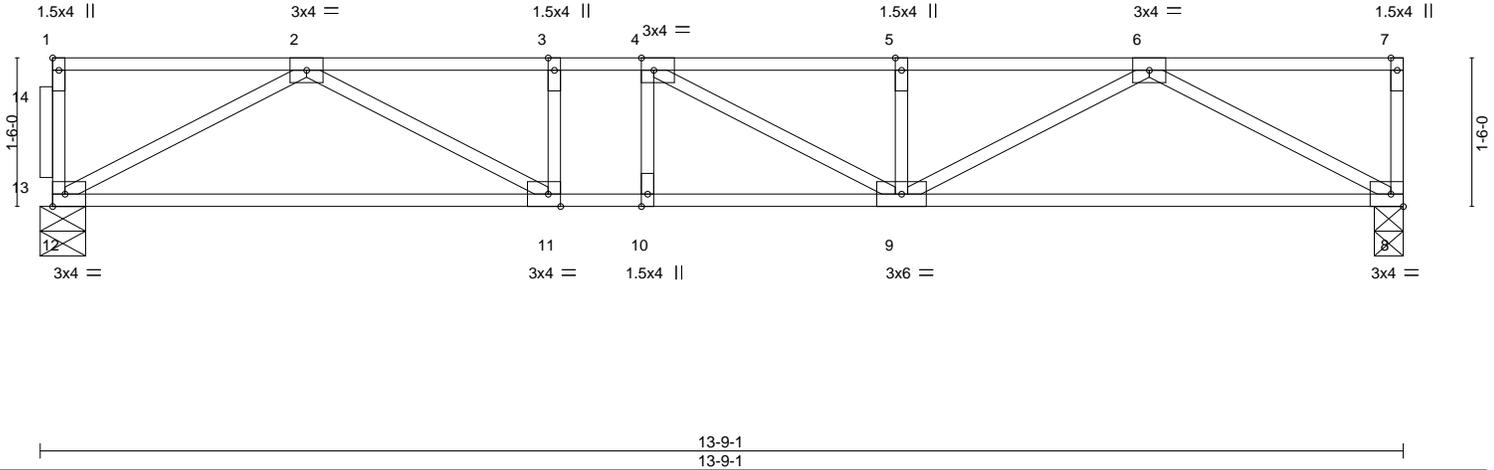


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-4-0	TC 0.34	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Plate Grip DOL 1.00	BC 0.45	Vert(LL) -0.08 9-10 >999 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.16	Vert(CT) -0.11 11-12 >999 360		
BCDL 5.0	Rep Stress Incr NO	Matrix-SH	Horz(CT) 0.02 8 n/a n/a		
	Code IRC2015/TPI2014			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, Except: 6-0-0 oc bracing: 9-10.

REACTIONS. (size) 8=0-3-8, 12=0-5-8
Max Uplift 8=-101(LC 7), 12=-101(LC 6)
Max Grav 8=555(LC 2), 12=555(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-364/327, 2-3=-1285/185, 3-4=-1180/0, 4-5=-1225/149, 5-6=-1222/107, 6-7=-364/364
BOT CHORD 11-12=-221/836, 10-11=0/1180, 9-10=-209/1303, 8-9=-223/887
WEBS 6-8=-1012/254, 2-12=-1016/254, 6-9=-283/694, 2-11=-373/766, 4-9=-529/528

- NOTES-**
- Unbalanced floor live loads have been considered for this design.
 - Attach ribbon block to truss with 3-10d nails applied to flat face.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 101 lb uplift at joint 8 and 101 lb uplift at joint 12.
 - This truss has been designed for a total drag load of 2000 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 13-9-1 for 145.4 plf.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - CAUTION, Do not erect truss backwards.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F35	Truss Type Floor	Qty 4	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741933
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:04 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-3e_3Ktm439sPj9ae?L?0o28pZW6K2whG5Haybtzae1D

0-1-8



Scale = 1:17.1

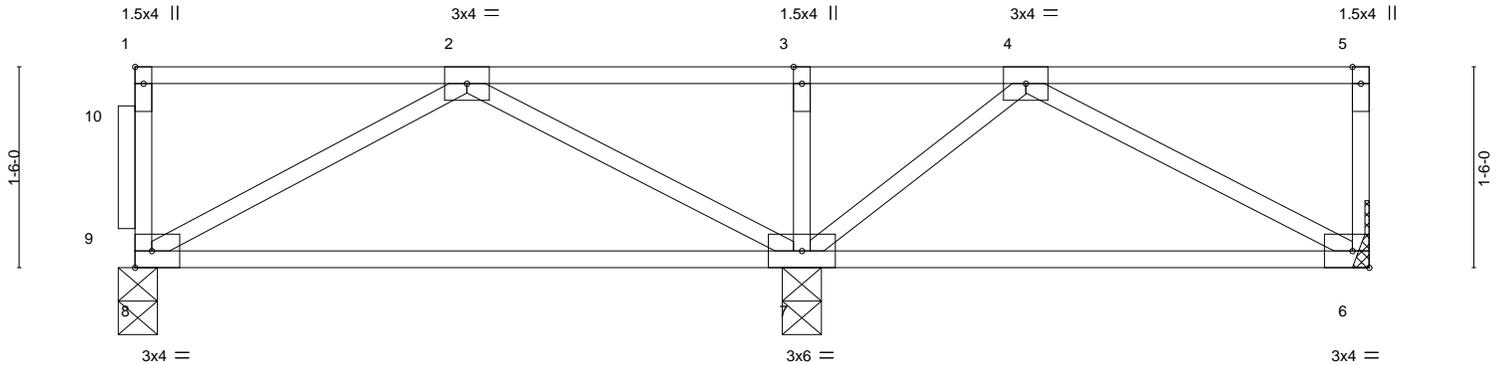


Plate Offsets (X,Y)-- [1:Edge,0-0-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.20	Vert(LL) 0.00	7	****	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.12	Vert(CT) -0.03	7-8	>999	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.04	Horz(CT) 0.00	6	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH					Weight: 45 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 9-4-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (size) 7=0-3-8, 8=0-3-8, 6=Mechanical
Max Grav 7=395(LC 1), 8=161(LC 3), 6=132(LC 4)

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

- 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F33	Truss Type Floor	Qty 3	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741934
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:03 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2yDIgE-bSQh6XmSjrkZ6??RRdUnFqbcc7icJSV7tdqP3Rzae1E



Scale = 1:16.7

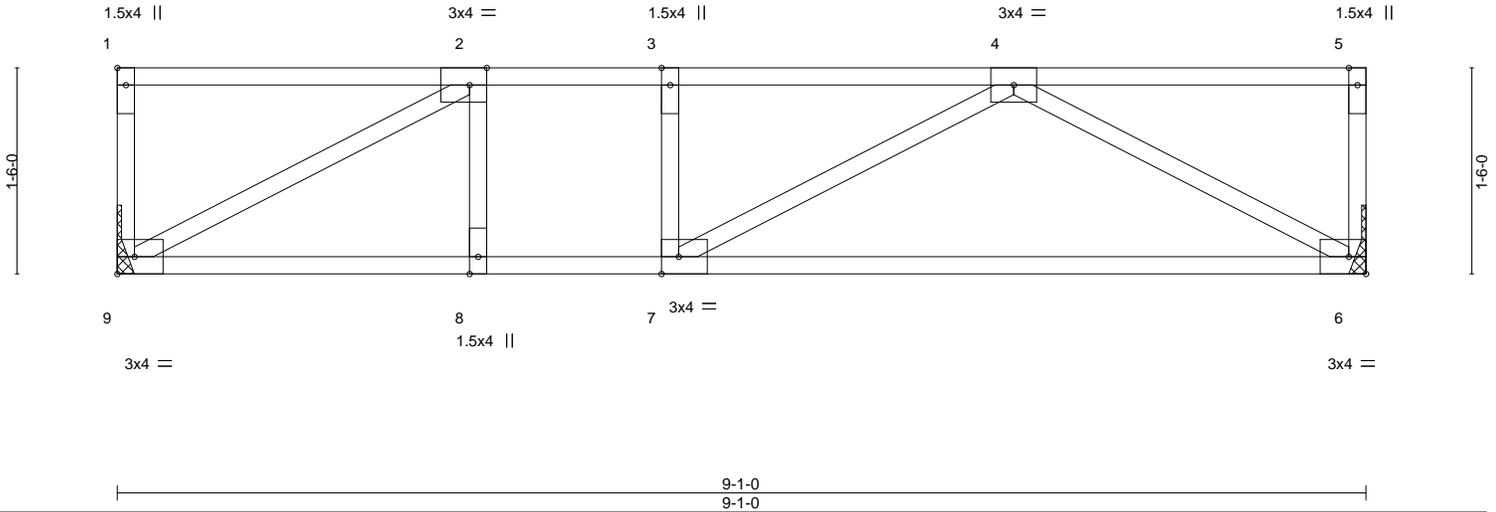


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-4-0 Plate Grip DOL 1.00	TC 0.34	Vert(LL) -0.07	6-7	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.34	Vert(CT) -0.12	6-7	>899	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.10	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=Mechanical
Max Grav 6=329(LC 1), 9=329(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-509/0, 3-4=-509/0
BOT CHORD 8-9=0/509, 7-8=0/509, 6-7=0/454
WEBS 4-6=-518/0, 2-9=-578/0

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.



March 15, 2021

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

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

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

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

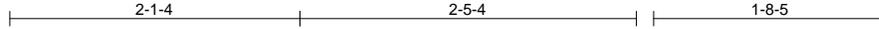


MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss F34	Truss Type Floor Girder	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741935
-----------------	--------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:03 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-bSQh6XmSjrkZ6??RRdUnFqba77gMJN7tdqP3Rzae1E



Scale = 1:16.6

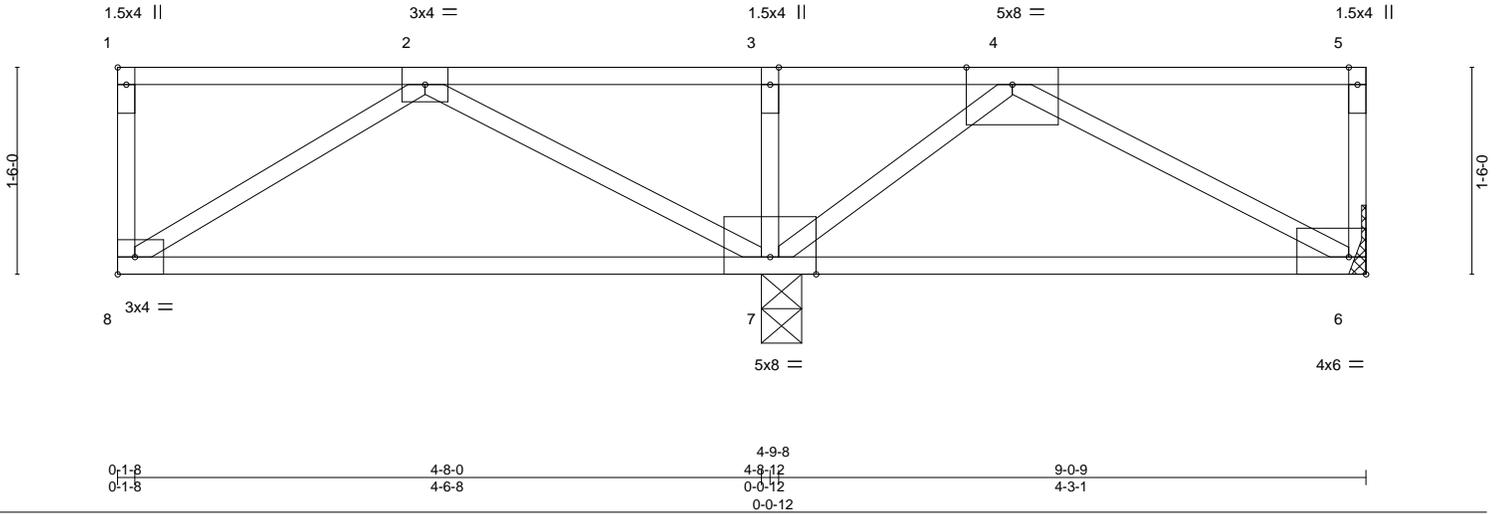


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [6:Edge,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-4-0 Plate Grip DOL 1.00	TC 0.50	Vert(LL) 0.01	6-7	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.48	Vert(CT) -0.02	6-7	>999	360		
BCLL 0.0	Rep Stress Incr NO	WB 0.39	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 6-0-0 oc bracing.

REACTIONS. (size) 7=0-3-8, 6=Mechanical
Max Uplift 7=978(LC 6), 6=1124(LC 5)
Max Grav 7=1397(LC 3), 6=1109(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-838/838, 2-3=-1598/1938, 3-4=-2373/2617, 4-5=-967/967
BOT CHORD 7-8=-1838/1774, 6-7=-1917/1813
WEBS 2-7=-510/0, 4-6=-2257/2376, 4-7=-1908/1731

- NOTES-**
- Unbalanced floor live loads have been considered for this design.
 - Refer to girder(s) for truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 978 lb uplift at joint 7 and 1124 lb uplift at joint 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 9-0-9 for 387.0 plf.
 - This truss has large uplift reaction(s) from gravity load case(s). Proper connection is required to secure truss against upward movement at the bearings. Building designer must provide for uplift reactions indicated.
 - 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F36	Truss Type Floor	Qty 12	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741936
-----------------	--------------	---------------------	-----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:05 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDIgE-XqYRXDniqS_GLJ9qZ2WFKFgx0wLcNl5QKxJV7Jzae1C



Scale: 1/2"=1'

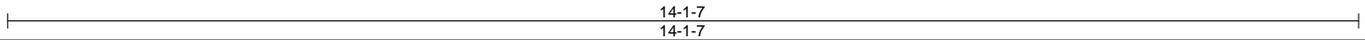
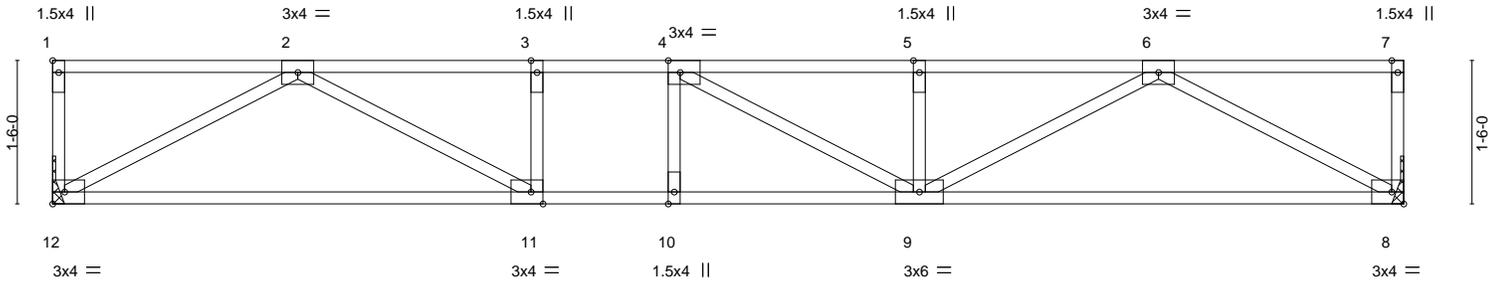


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	1-4-0	TC 0.34	Vert(LL) -0.10	9-10	>999	480	MT20	220/195
TCDL 10.0	Plate Grip DOL 1.00	BC 0.52	Vert(CT) -0.12	9-10	>999	360		
BCLL 0.0	Lumber DOL 1.00	WB 0.16	Horz(CT) 0.02	8	n/a	n/a		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH					Weight: 65 lb	FT = 20%F, 11%E
	Code IRC2015/TPI2014							

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=Mechanical, 12=Mechanical
Max Grav 8=513(LC 1), 12=513(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1262/0, 3-4=-1262/0, 4-5=-1243/0, 5-6=-1243/0
BOT CHORD 11-12=0/790, 10-11=0/1262, 9-10=0/1262, 8-9=0/786
WEBS 6-8=-897/0, 2-12=-901/0, 6-9=0/522, 2-11=0/550

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.



March 15, 2021

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

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

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

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



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

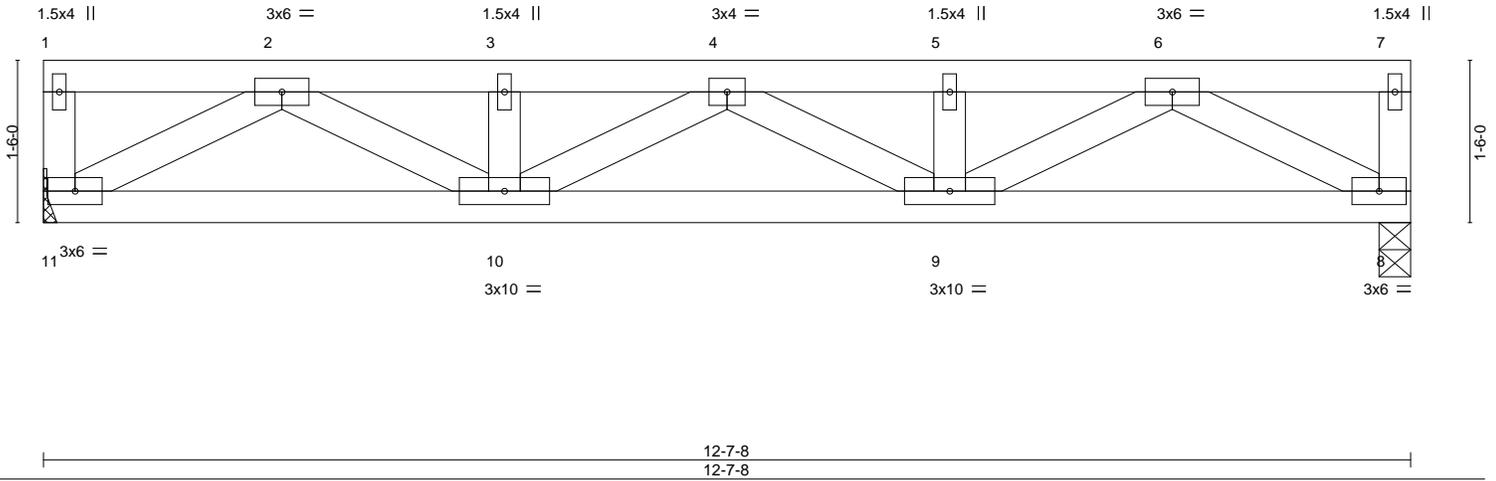
Job 2006745	Truss FT09	Truss Type FLOOR GIRDER	Qty 1	Ply 3	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741937
----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA 98248

8.430 s Nov 30 2020 MiTek Industries, Inc. Mon Mar 15 16:20:12 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-Nwu3DSNOBhij8mJHH4pyfoFKIAerb9e3b1yV2TzacLH

1-10-15

Scale = 1:21.2



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)	-0.10 9-10	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.73	Vert(CT)	-0.14 9-10	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.25	Horz(CT)	0.04 8	n/a	n/a		
BCDL 5.0	Code	IRC2015/TPI2014	Matrix-SH						
								Weight: 169 lb	FT = 11%

LUMBER-

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

BRACING-

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

REACTIONS. (lb/size) 11=3536/Mechanical, 8=3536/0-3-8

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

TOP CHORD 1-11=-582/0, 7-8=-582/0, 2-3=-7975/0, 3-4=-7975/0, 4-5=-7975/0, 5-6=-7975/0
BOT CHORD 10-11=0/5080, 9-10=0/8977, 8-9=0/5080
WEBS 2-11=-5719/0, 2-10=0/3358, 3-10=-1126/0, 4-10=-1163/0, 4-9=-1163/0, 5-9=-1126/0, 6-9=0/3358, 6-8=-5719/0

NOTES-

- 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Refer to girder(s) for truss to truss connections.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 8-11=-7, 1-7=-567



March 15, 2021

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

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

Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601
ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component

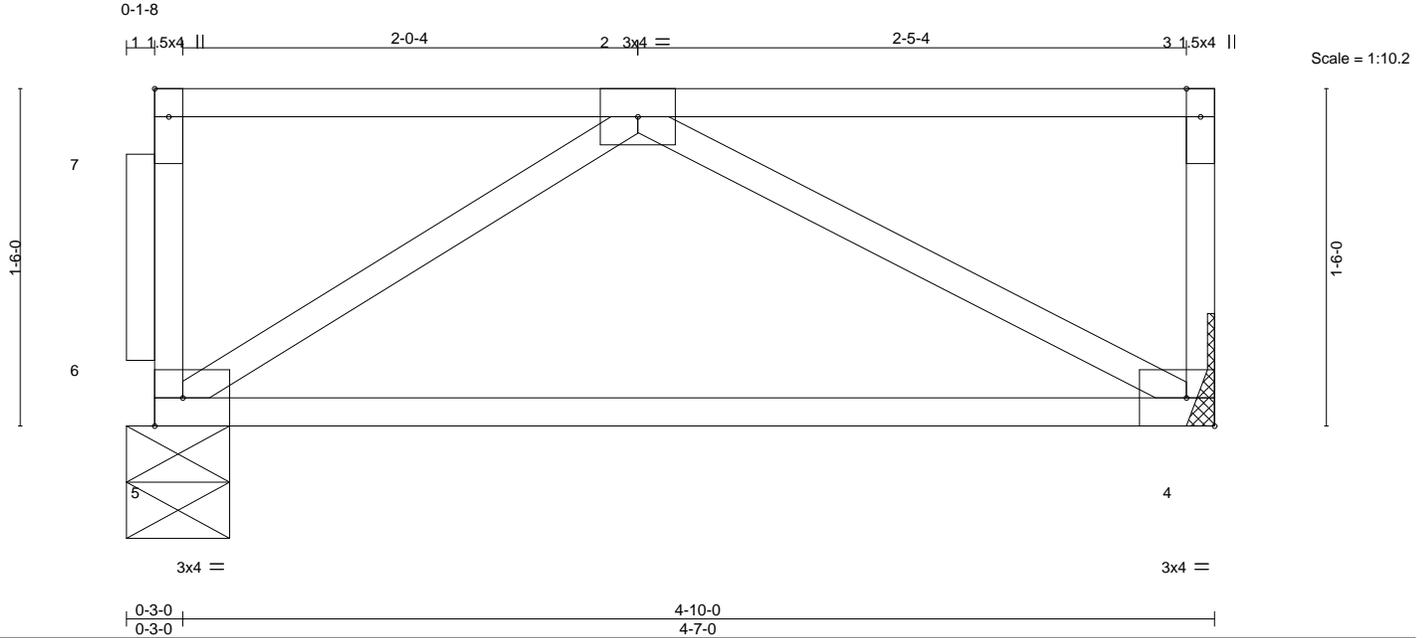


MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss F37	Truss Type Floor	Qty 3	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741938
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:06 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-015pkZoLbm67zSj07m1UtTD9CKnRWqLZZb33gizae1B



LOADING (psf)		SPACING-		CSI.		DEFL.				PLATES GRIP					
TCLL	40.0	Plate Grip DOL	1.00	TC	0.19	Vert(LL)	0.00	in (loc)	5	l/defl	****	L/d	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.14	Vert(CT)	-0.04		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: 24 lb	FT = 20%F, 11%E

LUMBER-		BRACING-	
TOP CHORD	2x4 DF No.2(flat)	TOP CHORD	Structural wood sheathing directly applied or 4-10-0 oc purlins, except end verticals.
BOT CHORD	2x4 DF No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 DF No.2(flat)		

REACTIONS. (size) 4=Mechanical, 5=0-5-8
Max Grav 4=168(LC 1), 5=168(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.



March 15, 2021

Job 2006745A	Truss F31	Truss Type Floor	Qty 5	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741939
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc. Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:01 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlGE-f3lwhrkCnEUrshr3KCRJAPWH7J3JrX8qPJLI_Yzae1G



Scale = 1:43.7

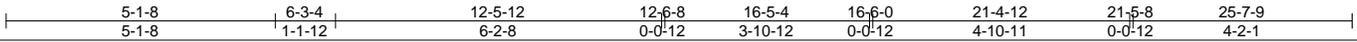
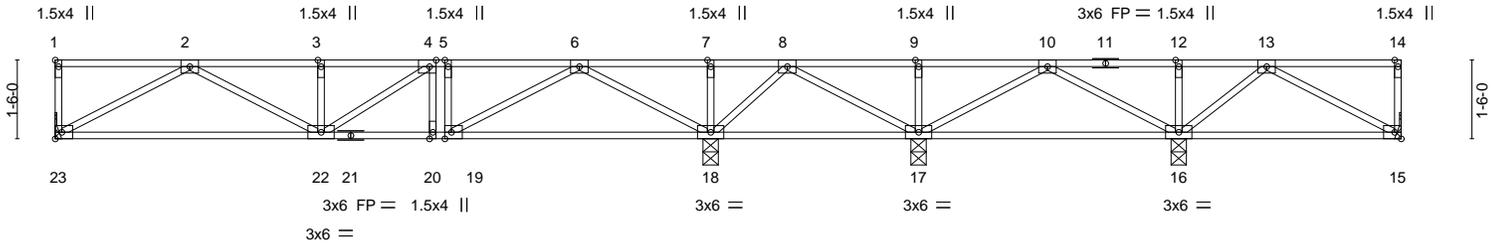


Plate Offsets (X, Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [19:0-1-8,Edge]

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 0.27	Vert(LL)	-0.03	20-22	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.20	Vert(CT)	-0.05	22-23	>999	360		
BCLL 0.0	Rep Stress Incr	YES	WB 0.16	Horz(CT)	0.01	18	n/a	n/a		
BCDL 5.0	Code	IRC2015/TPI2014	Matrix-SH							
									Weight: 121 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) 15=Mechanical, 23=Mechanical.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 15 except 18=855(LC 3), 17=299(LC 4), 16=374(LC 5), 23=388(LC 6)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-775/0, 3-4=-775/0, 4-5=-658/0, 5-6=-658/0, 6-7=0/600, 7-8=0/600
BOT CHORD 22-23=0/560, 20-22=0/658, 19-20=0/658, 17-18=-404/0
WEBS 2-23=-639/0, 6-18=-890/0, 6-19=0/532, 8-17=-20/347, 8-18=-391/0

- 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.



March 15, 2021

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

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

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

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

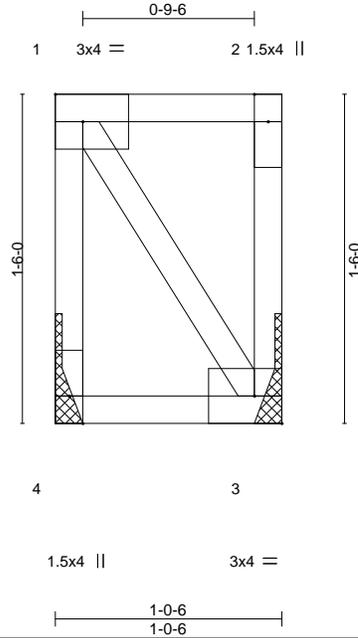


MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss B01	Truss Type FLOOR BLOCKING	Qty 147	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741940
-----------------	--------------	------------------------------	------------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:52 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2yDjgE-QKFwomdYuTM6HJfKlPnCJWexh1FEVNLQgJAZzae1P



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) 0.00 4 **** 480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.00	Vert(CT) -0.00 4 >999 360		
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 3 n/a n/a		
BCDL 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=Mechanical, 3=Mechanical
Max Grav 4=50(LC 1), 3=50(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.



March 15, 2021

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

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



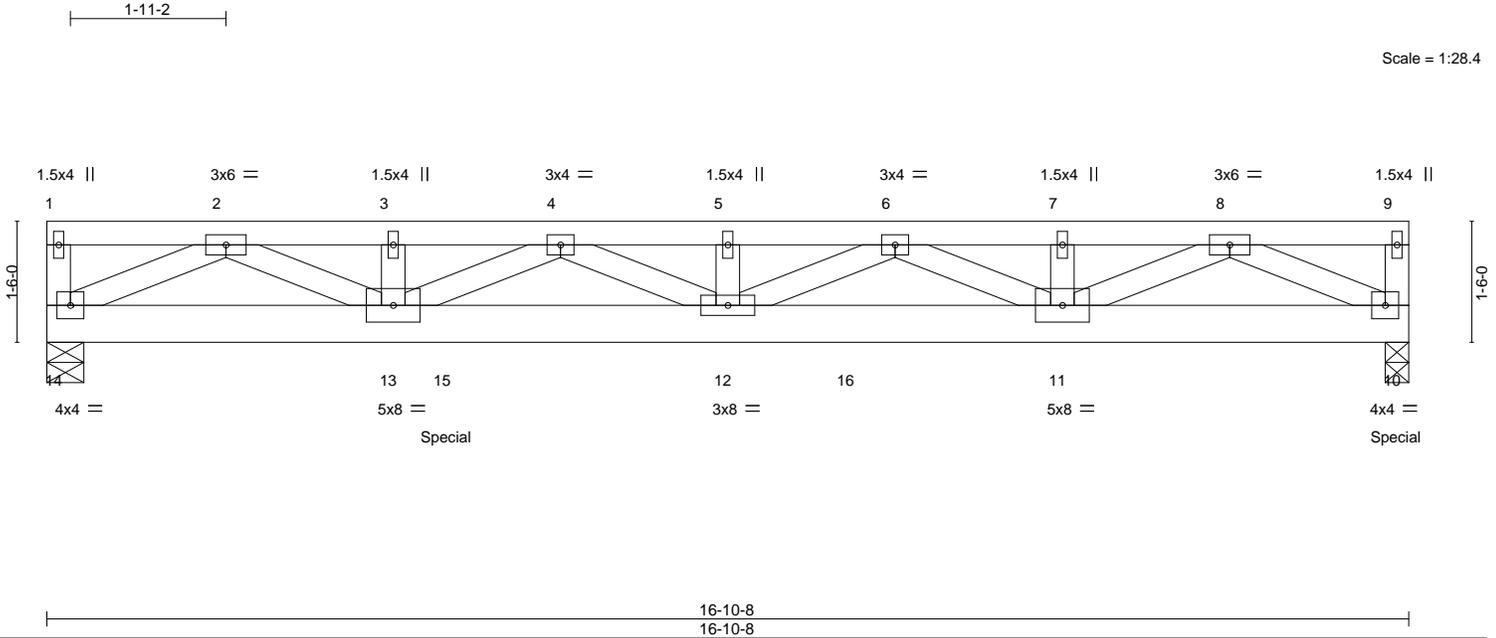
MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss FT06	Truss Type Floor Girder	Qty 1	Ply 2	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741941
-----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:09 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-QcnyNaqDuhViqwSboubBV5rd2Xd9j7i?FZHjG4zae18

Scale = 1:28.4



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-4-0	TC 0.34	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Plate Grip DOL 1.00	BC 0.91	Vert(LL) -0.17 12-13 >999 480		
BCLL 0.0	Lumber DOL 1.00	WB 0.31	Vert(CT) -0.23 12-13 >857 360		
BCDL 5.0	Rep Stress Incr NO	Matrix-SH	Horz(CT) 0.03 10 n/a n/a		
	Code IRC2015/TPI2014			Weight: 173 lb	FT = 11%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x6 DF No.2
WEBS 2x4 DF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-9-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 14=0-5-8, 10=0-3-8
Max Grav 14=1626(LC 1), 10=2626(LC 1)

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

TOP CHORD 1-2=-310/283, 2-3=-5356/0, 3-4=-5356/0, 4-5=-6923/0, 5-6=-6923/0, 6-7=-3984/0, 7-8=-3984/0, 8-9=-311/282
BOT CHORD 13-14=0/2867, 12-13=0/6367, 11-12=0/5660, 10-11=-27/2169
WEBS 2-14=-3188/34, 2-13=-83/2832, 4-13=-1151/282, 4-12=-343/633, 6-12=-269/1438, 6-11=-1906/219, 8-11=-146/2065, 8-10=-2379/100

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced floor live loads have been considered for this design.
- This truss has been designed for a total drag load of 2500 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 16-10-8 for 148.1 plf.
- Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 449 lb down at 4-11-8, and 1336 lb down at 16-8-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-15=-7, 15-16=-257(F=-250), 10-16=-7, 1-9=-67
Concentrated Loads (lb)
Vert: 10=-1336(F) 15=-449(B)



March 15, 2021

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

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

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

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

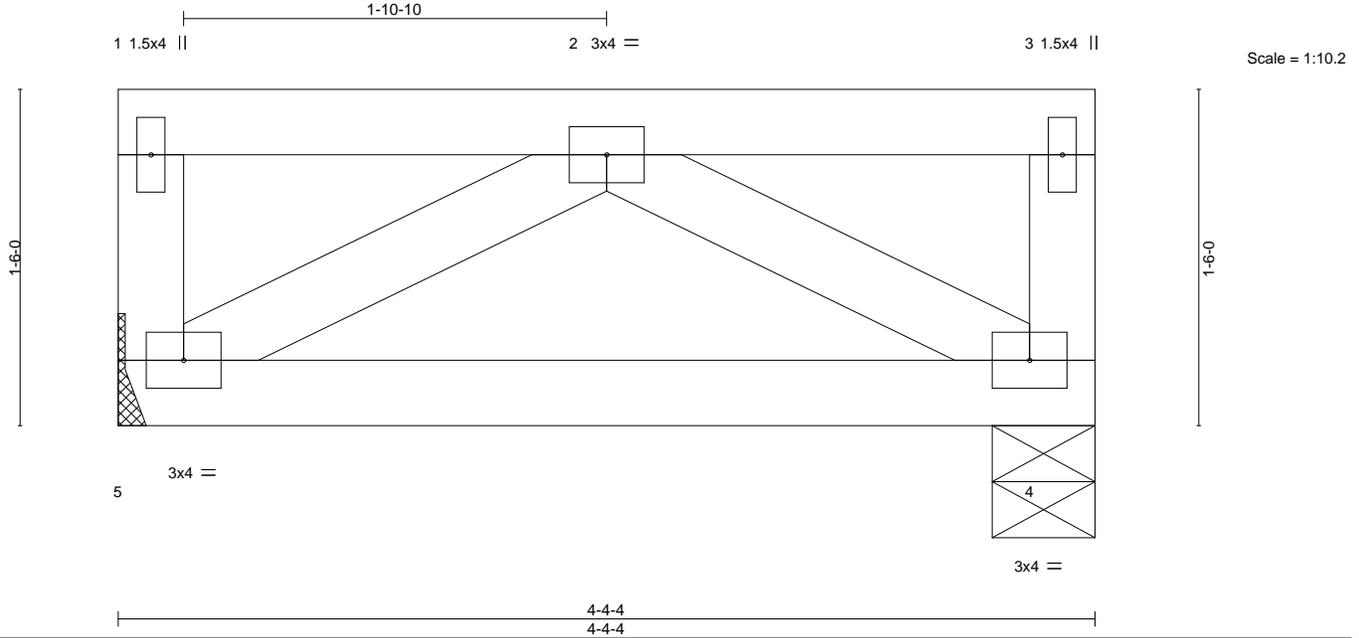


MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss FT05	Truss Type Floor Girder	Qty 1	Ply 2	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741942
-----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:08 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDIgE-yPDa9Fqb7NNrCmtPEA4yuiX6801_kBs0vYAkezae19



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.03	Vert(LL) -0.04	4-5	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.45	Vert(CT) -0.06	4-5	>871	360		
BCLL 0.0	Rep Stress Incr NO	WB 0.01	Horz(CT) 0.00	4	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-P					Weight: 40 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 4-4-4 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 4=0-5-8
Max Grav 5=454(LC 1), 4=454(LC 1)

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

NOTES-

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

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 4-5=-157(F=-150), 1-3=-67



March 15, 2021

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

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

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

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



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

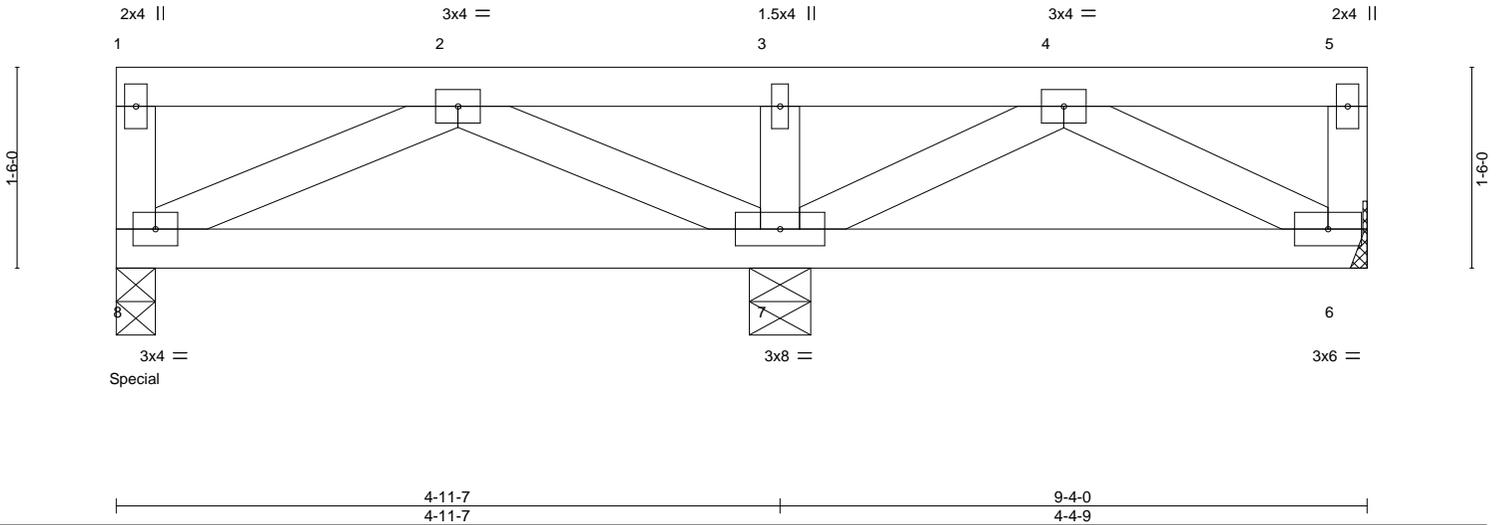
Job 2006745A	Truss FT07	Truss Type Floor Girder	Qty 2	Ply 2	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741943
-----------------	---------------	----------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:10 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-uOLKawrrf?dZR41nMb6Q1JOMLx8jScJ9UD1GpXzae17



Scale = 1:17.1



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.50	Vert(LL) -0.00	8	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.18	Vert(CT) -0.00	7-8	>999	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: 83 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) 7=0-5-8, 8=0-3-8, 6=Mechanical
Max Grav 7=3813(LC 1), 8=3183(LC 1), 6=1243(LC 1)

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

TOP CHORD 1-8=-788/0, 5-6=-701/0, 2-3=0/687, 3-4=0/687
BOT CHORD 7-8=0/1483, 6-7=-4/1025
WEBS 3-7=-1710/0, 2-8=-1520/0, 2-7=-2429/0, 4-7=-1971/0, 4-6=-1071/11

NOTES-

- 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.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Unbalanced floor live loads have been considered for this design.
- Refer to girder(s) for truss to truss connections.
- Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails.
Strongbacks to be attached to walls at their outer ends or restrained by other means.
- CAUTION, Do not erect truss backwards.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1698 lb down at 0-1-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 6-8=-7, 1-5=-717
Concentrated Loads (lb)
Vert: 8=-1698(B)



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F20C	Truss Type Floor	Qty 2	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741944
-----------------	---------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:24:54 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDIgE-MjNHDSfpQ4cqXcpjQEpgOxj5qUh1iO5ook9QFSzae1N



Scale = 1:23.3

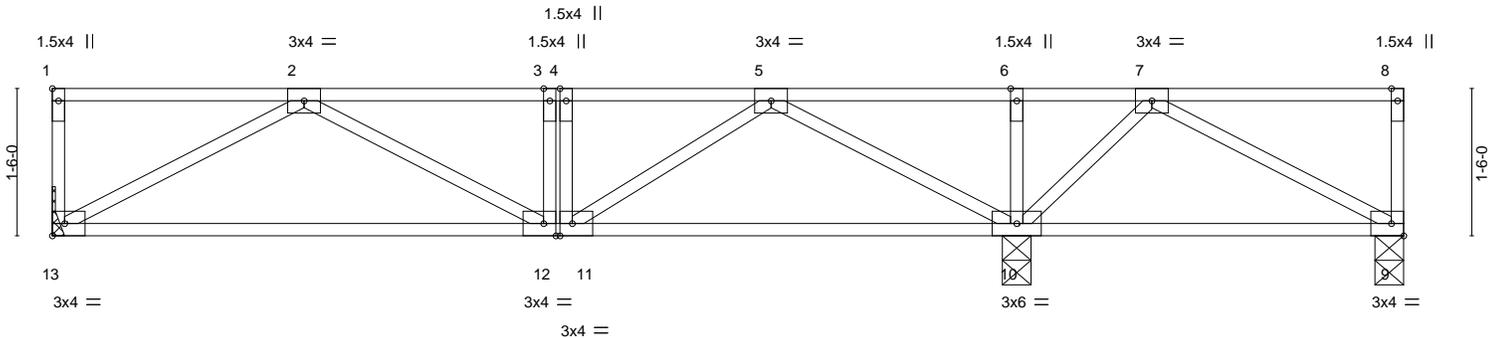


Plate Offsets (X,Y)--	[1:Edge,0-0-12], [11:0-1-8,Edge], [12:0-1-8,Edge]
-----------------------	---

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-4-0	TC 0.21	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Plate Grip DOL 1.00	BC 0.18	Vert(LL) -0.02 12-13 >999 480	Weight: 66 lb	FT = 20%F, 11%E
BCLL 0.0	Lumber DOL 1.00	WB 0.11	Vert(CT) -0.05 12-13 >999 360		
BCDL 5.0	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.00 10 n/a n/a		
	Code IRC2015/TPI2014				

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: 9-10.

REACTIONS. (size) 10=0-3-8, 13=Mechanical, 9=0-3-8
Max Uplift 9=79(LC 3)
Max Grav 10=676(LC 1), 13=311(LC 3), 9=100(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-485/0, 3-4=-485/0, 4-5=-485/0, 5-6=0/328, 6-7=0/328
BOT CHORD 12-13=0/422, 11-12=0/485, 10-11=0/256
WEBS 2-13=-481/0, 5-10=-646/0, 5-11=0/281, 7-10=-301/0

- NOTES-**
- Unbalanced floor live loads have been considered for this design.
 - Refer to girder(s) for truss to truss connections.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 79 lb uplift at joint 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.
 - CAUTION, Do not erect truss backwards.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F36B	Truss Type Floor	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741945
-----------------	---------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:06 2021 Page 1
ID: XH_9_4rKIK7JSG8aAxxL2lyDIgE-015pkZoLbm67zSj07m1UtTD2FKftWnkZZb33glzae1B



Scale: 1/2"=1'

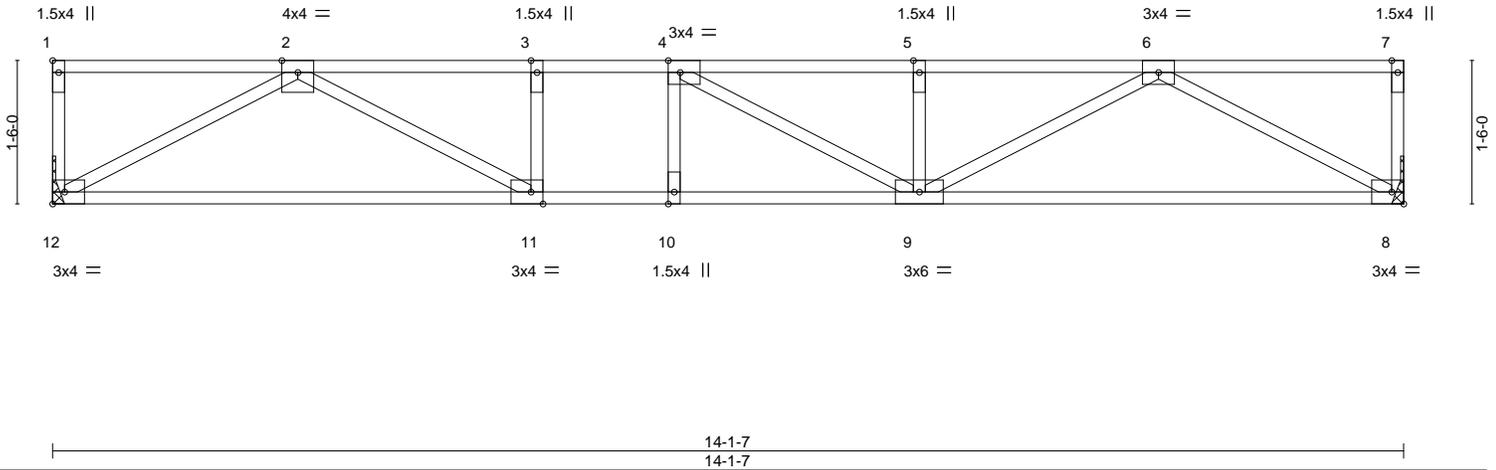


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 40.0	1-4-0 Plate Grip DOL 1.00	TC 0.63	in (loc) l/defl L/d	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.69	Vert(LL) -0.19 9-10 >891 480		
BCLL 0.0	Rep Stress Incr YES	WB 0.20	Vert(CT) -0.21 9-10 >788 360		
BCDL 5.0	Code IRC2015/TP12014	Matrix-SH	Horz(CT) 0.02 8 n/a n/a		
				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, Except: 6-0-0 oc bracing: 9-10.

REACTIONS. (size) 8=Mechanical, 12=Mechanical
Max Uplift 8=238(LC 7), 12=238(LC 6)
Max Grav 8=675(LC 2), 12=675(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-620/620, 2-3=-1619/526, 3-4=-1262/0, 4-5=-1527/423, 5-6=-1452/323, 6-7=-558/620
BOT CHORD 11-12=-468/1018, 10-11=0/1262, 9-10=-574/1607, 8-9=-349/1106
WEBS 6-8=-1261/538, 2-12=-1268/542, 6-9=-538/926, 2-11=-766/1118, 3-11=-347/253, 4-9=-991/988

- 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 238 lb uplift at joint 8 and 238 lb uplift at joint 12.
 - 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 14-1-7 for 247.9 plf.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



March 15, 2021

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

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

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

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



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

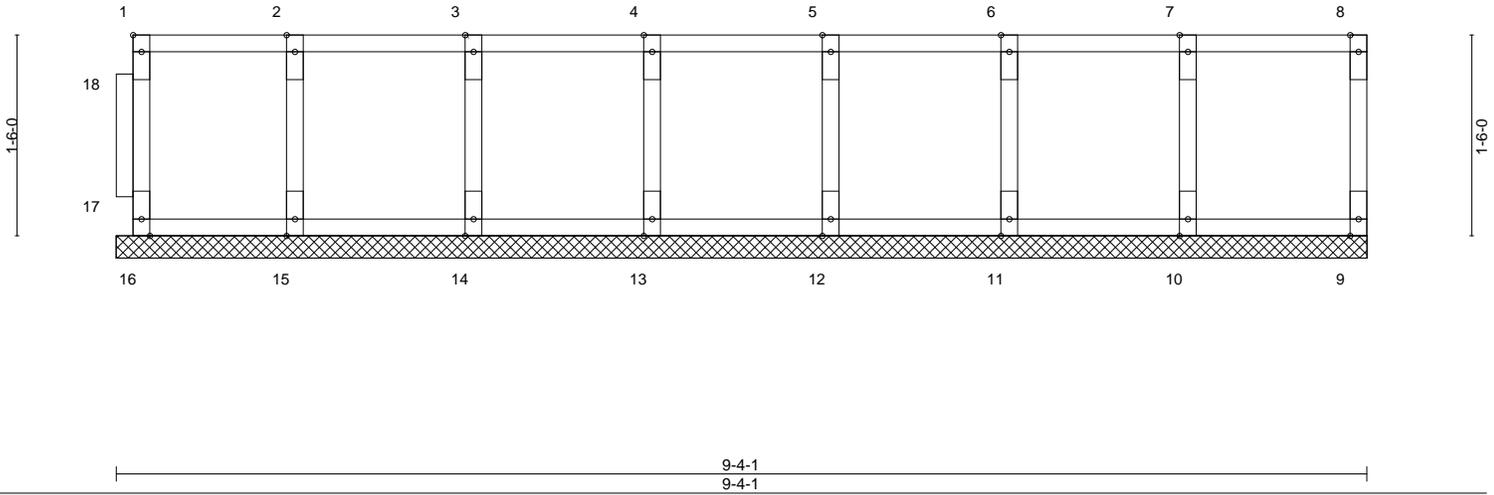
Job 2006745A	Truss F35A	Truss Type Floor Supported Gable	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741946
-----------------	---------------	-------------------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:04 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlGE-3e_3Ktm439sPj9ae?L?0o28rbW7_2w4G5Haybtzae1D

0-1-8

Scale = 1:17.1



LOADING (psf)		SPACING-		CSI.		DEFL.				PLATES		GRIP	
TCLL	40.0	Plate Grip DOL	1.00	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	220/195	
TCDL	10.0	Lumber DOL	1.00	BC	0.01	Vert(CT)	n/a	-	n/a	999	Weight: 40 lb FT = 20%F, 11%E		
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									

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" oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10'-0" oc bracing.

REACTIONS. All bearings 9-4-1.
(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-**
- All plates are 1.5x4 MT20 unless otherwise indicated.
 - Attach ribbon block to truss with 3-10d nails applied to flat face.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1'-4" oc.
 - Recommend 2x6 strongbacks, on edge, spaced at 10'-0" oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - CAUTION, Do not erect truss backwards.



March 15, 2021

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

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

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

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



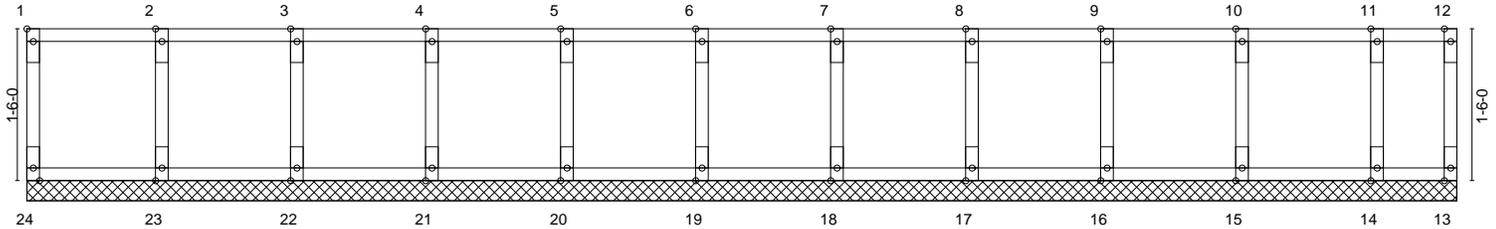
MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss F36A	Truss Type Floor Supported Gable	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741947
-----------------	---------------	-------------------------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:05 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlG-E-XqYRXDniqS_GLJ9qZ2WFKFg?KwTbnNJQKxJV7Jzae1C

Scale = 1:22.6



14-1-7
14-1-7

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 0.07	Vert(LL)	n/a	-	n/a	MT20	220/195
TCDL 10.0	Lumber DOL	1.00	BC 0.01	Vert(CT)	n/a	-	n/a		
BCLL 0.0	Rep Stress Incr	YES	WB 0.02	Horz(CT)	0.00	13	n/a		
BCDL 5.0	Code IRC2015/TPI2014		Matrix-R					Weight: 59 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 14-1-7.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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) 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) Non Standard bearing condition. Review required.
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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F38A	Truss Type Floor Supported Gable	Qty 1	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741948
-----------------	---------------	-------------------------------------	----------	----------	---	-----------

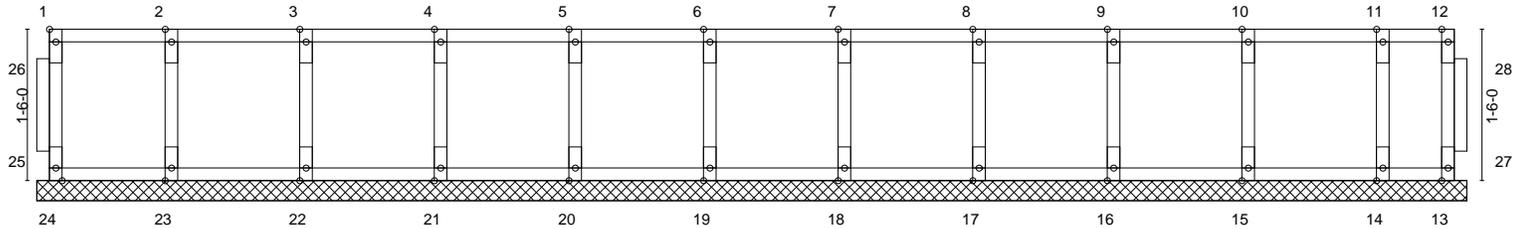
Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:07 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-UDfByvpzM4E_aclDgTYjQgmLqk9hFHqinFocCCzae1A

0-1/8

0-1/8

Scale = 1:22.7



14-2-0
14-2-0

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	2-0-0	TC 0.07	Vert(LL)	n/a	-	n/a	MT20	220/195
TCDL 10.0	Plate Grip DOL 1.00	BC 0.01	Vert(CT)	n/a	-	n/a		
BCLL 0.0	Lumber DOL 1.00	WB 0.02	Horz(CT)	0.00	13	n/a		
BCDL 5.0	Rep Stress Incr YES	Matrix-R						
	Code IRC2015/TPI2014						Weight: 61 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 14-2-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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) Attach ribbon block to truss with 3-10d nails applied to flat face.
 - 3) Gable requires continuous bottom chord bearing.
 - 4) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 5) Gable studs spaced at 1-4-0 oc.
 - 6) 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.



March 15, 2021

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

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

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

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



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

Job 2006745A	Truss F38	Truss Type Floor	Qty 2	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741949
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:07 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxlL2lyDIgE-UDfByvpzM4E_aclDgTyjQgml6k2MFFeinFocCCzae1A

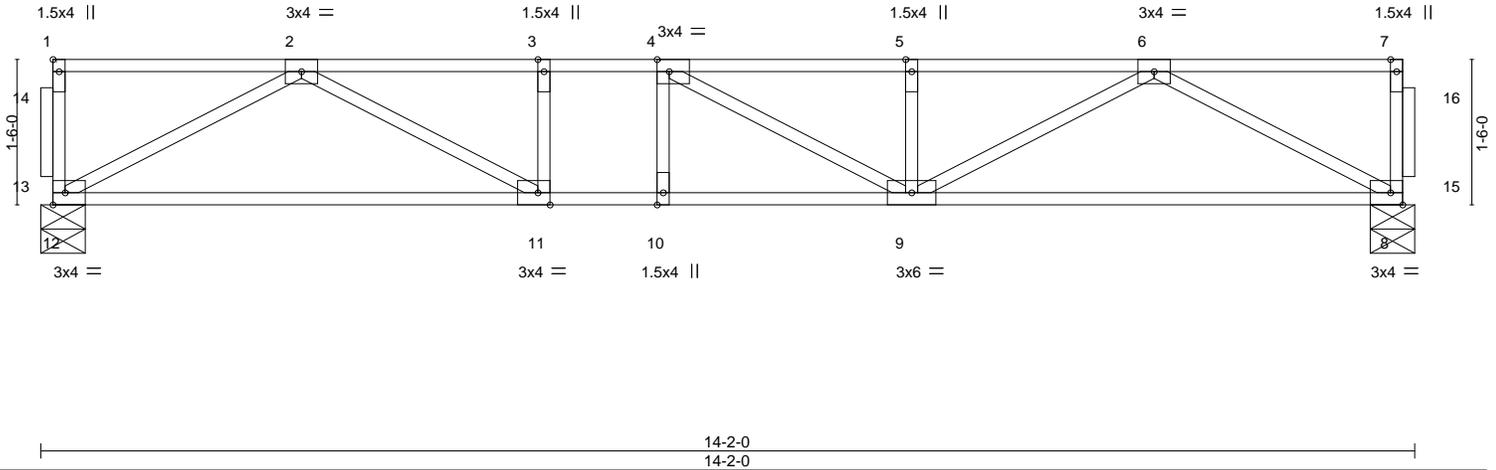


Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.30	Vert(LL) -0.08	9-10	>999	480	MT20	220/195
TCDL 10.0	Lumber DOL 1.00	BC 0.48	Vert(CT) -0.10	9-10	>999	360		
BCLL 0.0	Rep Stress Incr YES	WB 0.16	Horz(CT) 0.02	8	n/a	n/a		
BCDL 5.0	Code IRC2015/TPI2014	Matrix-SH					Weight: 67 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=0-5-8
Max Grav 8=506(LC 1), 12=506(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1227/0, 3-4=-1227/0, 4-5=-1215/0, 5-6=-1215/0
BOT CHORD 11-12=0/776, 10-11=0/1227, 9-10=0/1227, 8-9=0/772
WEBS 6-8=-881/0, 2-12=-886/0, 6-9=0/505, 2-11=0/524

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.



March 15, 2021

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

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

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

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

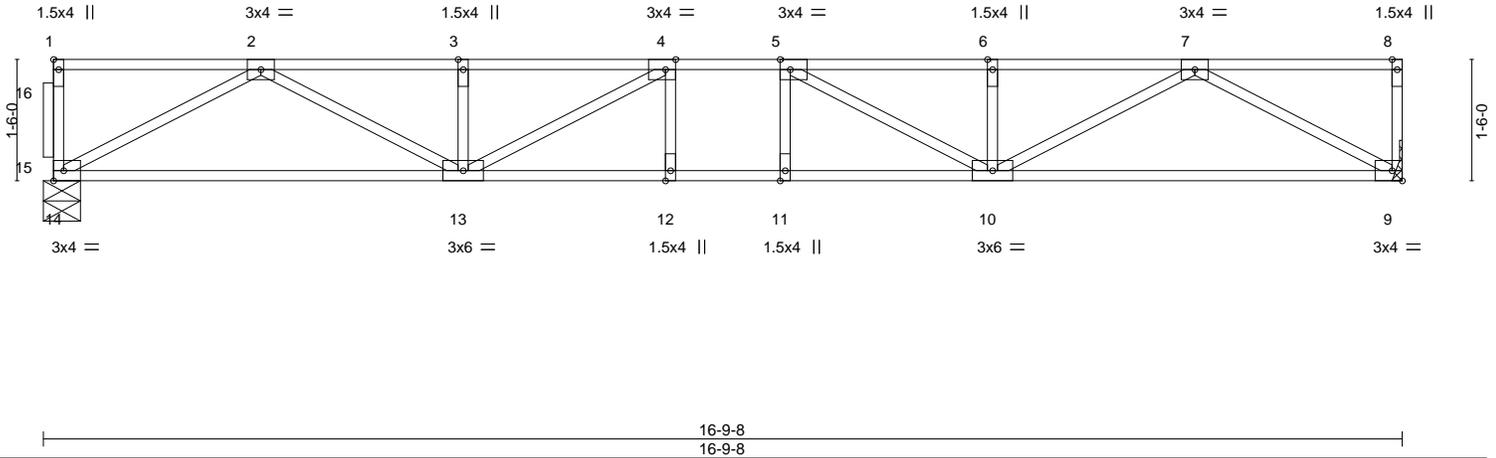
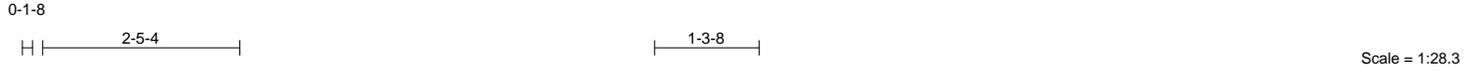


MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Job 2006745A	Truss F39	Truss Type Floor	Qty 2	Ply 1	SEASCAPE HOMES Forest Ave 2nd Floor Job Reference (optional)	R65741950
-----------------	--------------	---------------------	----------	----------	---	-----------

Louws Truss, Inc., Ferndale, WA - 98248,

8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Mar 15 16:25:08 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-yPDa9Fqb7NNrCmtPEA4yyuITF8OX_hKs0vYAkezae19



LOADING (psf)		SPACING-		CSI.		DEFL.				PLATES	GRIP	
TCLL	40.0	Plate Grip DOL	1.00	TC	0.28	Vert(LL)	-0.10	10-11	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.48	Vert(CT)	-0.14	10-11	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.03	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TP12014	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=0-5-8
Max Uplift 9=2(LC 7), 14=2(LC 6)
Max Grav 9=607(LC 1), 14=607(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1571/0, 3-4=-1571/0, 4-5=-1823/0, 5-6=-1571/0, 6-7=-1571/0
BOT CHORD 13-14=-43/955, 12-13=0/1823, 11-12=0/1823, 10-11=0/1823, 9-10=-43/955
WEBS 7-9=-1090/48, 2-14=-1090/48, 7-10=-80/760, 2-13=-80/760, 5-10=-592/300, 4-13=-592/300

- 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2 lb uplift at joint 9 and 2 lb uplift at joint 14.
 - 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 16-9-8 for 89.3 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.



March 15, 2021

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

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

ANSI/TP1 Quality Criteria, DSB-89 and BCSI Building Component

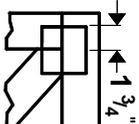
Safety Information available from Truss Plate Institute, 2670 Crain Highway, Suite 203 Waldorf, MD 20601



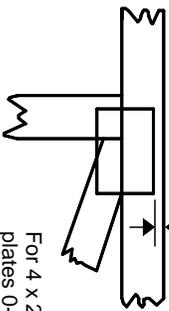
MiTek USA, Inc.
400 Sunrise Avenue, Suite 270
Roseville, CA 95661

Symbols

PLATE LOCATION AND ORIENTATION



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



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.



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

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

PLATE SIZE

4 X 4

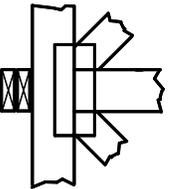
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING



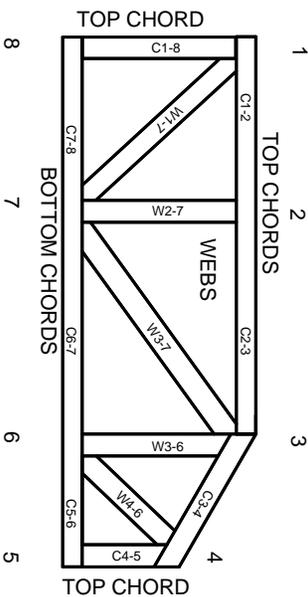
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System

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



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

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

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

© 2012 MITek® All Rights Reserved

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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



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