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

Re: 2006745

SEASCAPE HOMES Forest Ave 1st 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: R65741876 thru R65741899

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	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F01	Floor	6	1	R65741876
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:26 2021 Page 1
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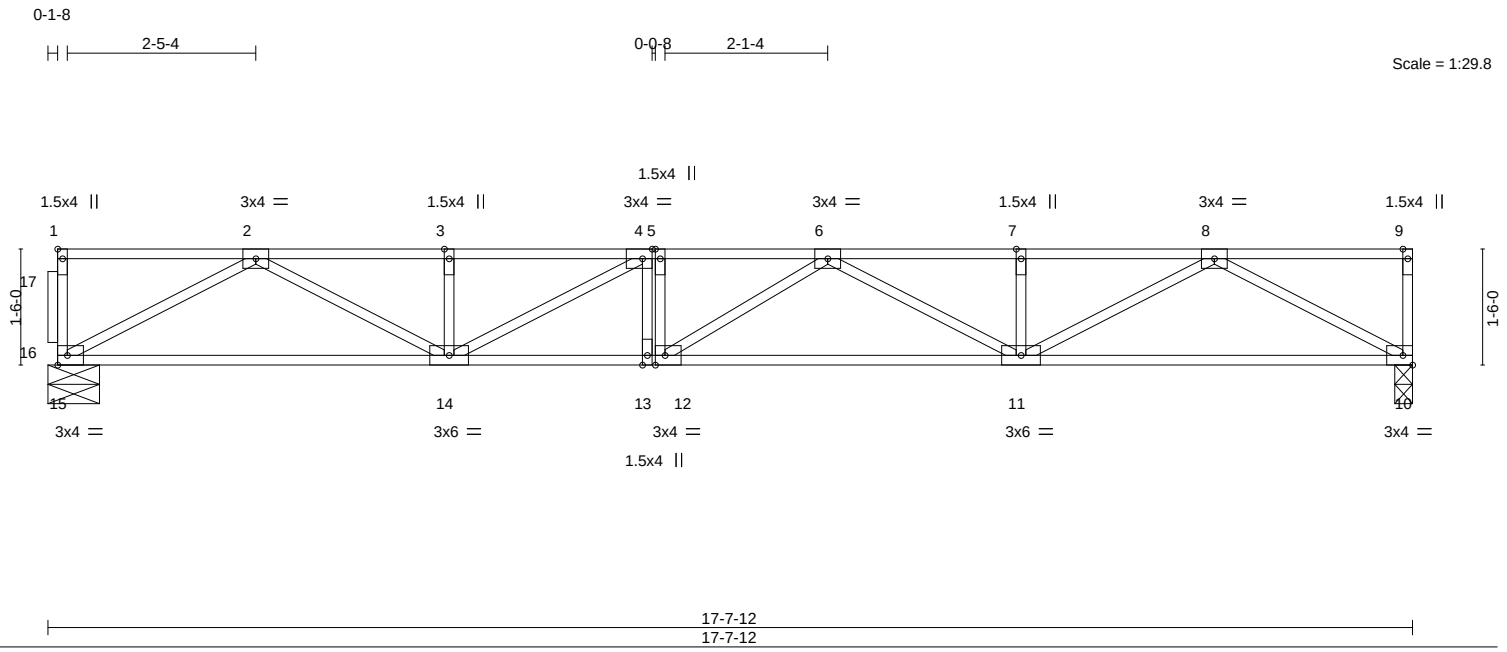

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [12:0-1-8,Edge]

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	0.21	Vert(LL)	-0.11	11-12	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.47	Vert(CT)	-0.16	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.04	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 84 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 DF 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) 10=0-2-12, 15=0-8-0
Max Grav 10=638(LC 1), 15=638(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1682/0, 3-4=-1682/0, 4-5=-2004/0, 5-6=-2004/0, 6-7=-1684/0, 7-8=-1684/0
BOT CHORD 14-15=0/1012, 13-14=0/2004, 12-13=0/2004, 11-12=0/1993, 10-11=0/1013
WEBS 8-10=-1156/0, 2-15=-1155/0, 8-11=0/765, 2-14=0/765, 6-11=-353/0, 4-14=-427/0

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) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 10.
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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F02	Floor	10	1	R65741877
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:26 2021 Page 1
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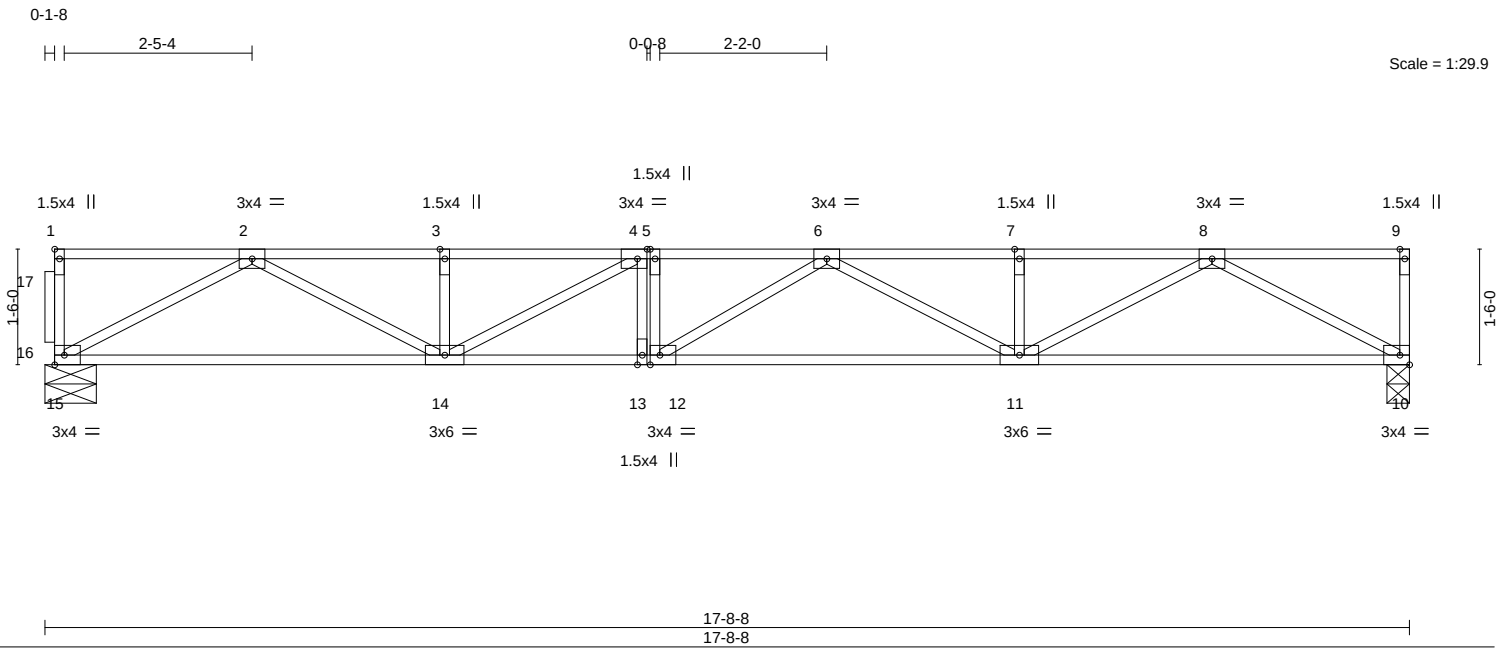

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [12:0-1-8,Edge]

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	0.21	Vert(LL)	-0.11	11-12	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.47	Vert(CT)	-0.17	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.21	Horz(CT)	0.04	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 85 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) 10=0-3-8, 15=0-8-0
Max Grav 10=640(LC 1), 15=640(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1690/0, 3-4=-1690/0, 4-5=-2018/0, 5-6=-2018/0, 6-7=-1692/0, 7-8=-1692/0
BOT CHORD 14-15=0/1016, 13-14=0/2018, 12-13=0/2018, 11-12=0/2006, 10-11=0/1017
WEBS 8-10=-1161/0, 2-15=-1160/0, 8-11=0/770, 2-14=0/769, 6-11=-358/0, 4-14=-433/0

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) 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.

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Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F02B	Floor	1	1	R65741878
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:28 2021 Page 1
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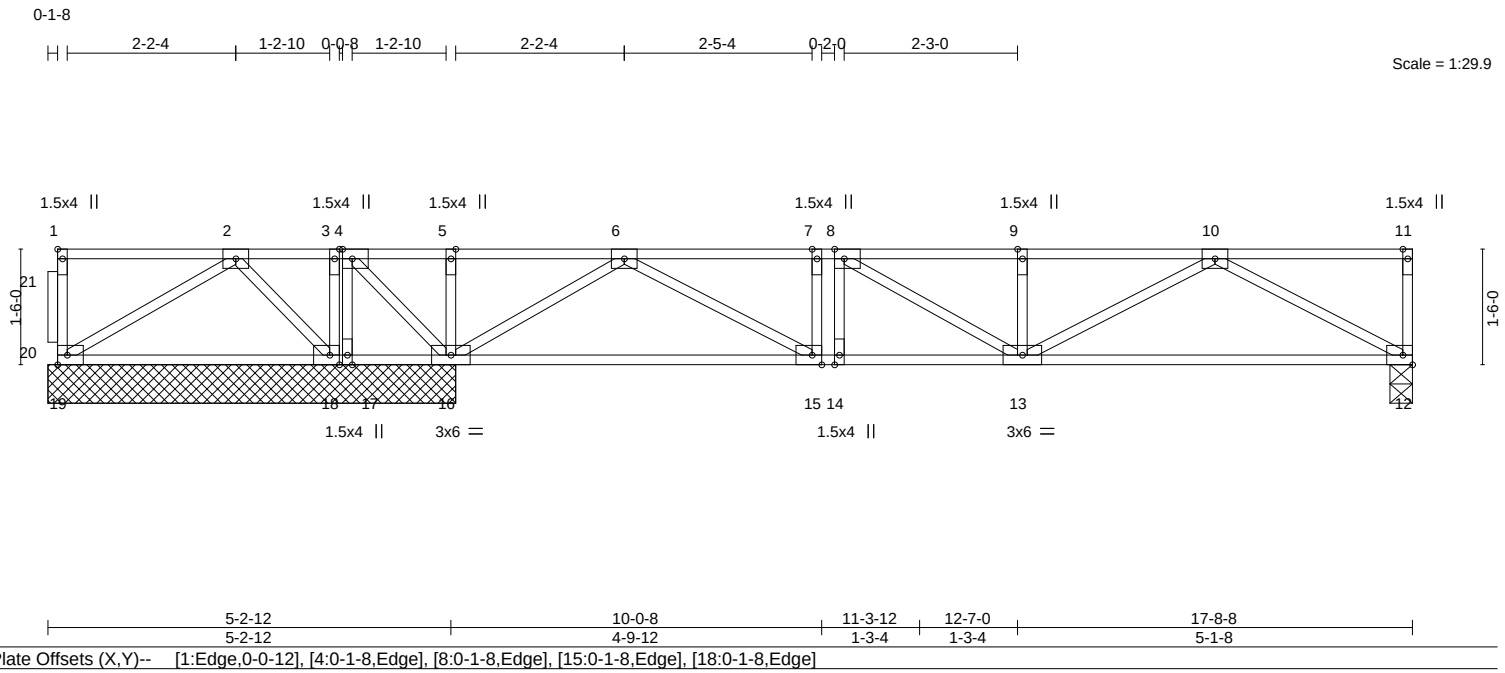

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [8:0-1-8,Edge], [15:0-1-8,Edge], [18:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.25	Vert(LL)	-0.03	13-14	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.21	Vert(CT)	-0.05	12-13	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.14	Horz(CT)	0.01	12	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 89 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 5-3-8 except (jt=length) 12=0-3-8.
(lb) - Max Uplift All uplift 100 lb or less at joint(s) 19 except 17=-398(LC 4)
Max Grav All reactions 250 lb or less at joint(s) 19 except 16=937(LC 1), 18=264(LC 1), 12=385(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/296, 3-4=0/296, 4-5=0/622, 5-6=0/622, 6-7=-615/0, 7-8=-615/0, 8-9=-767/0, 9-10=-767/0
BOT CHORD 17-18=-296/0, 16-17=-296/0, 14-15=0/615, 13-14=0/615, 12-13=0/554
WEBS 4-16=-472/0, 2-18=-299/0, 4-17=-16/301, 10-12=-632/0, 6-16=-843/0, 6-15=0/582

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Attach ribbon block to truss with 3-10d nails applied to flat face.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19 except (jt=lb) 17=398.
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.

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Roseville, CA 95661

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F02A	Floor Girder	1	1	R65741879
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:27 2021 Page 1
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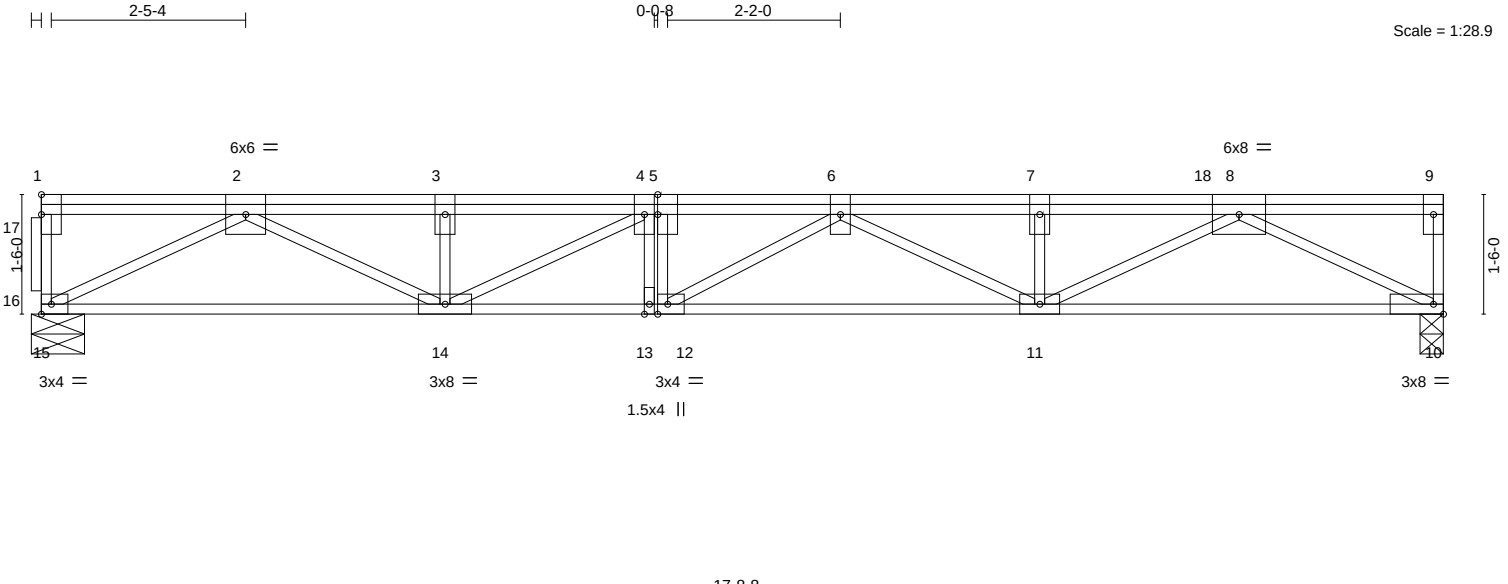

Plate Offsets (X,Y)-- [5:0-3-0,0-0-0], [12:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.66	Vert(LL)	-0.15	11-12	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.75	Vert(CT)	-0.21	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.50	Horz(CT)	0.06	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 107 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) 10=0-3-8, 15=0-8-0
Max Grav 10=1968(LC 1), 15=760(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 9-10=-624/0, 2-3=-2223/0, 3-4=-2223/0, 4-5=-2797/0, 5-6=-2797/0, 6-7=-2877/0, 7-8=-2877/0
BOT CHORD 14-15=0/1281, 13-14=0/2797, 12-13=0/2797, 11-12=0/2995, 10-11=0/2533
WEBS 8-10=-2860/0, 2-15=-1447/0, 8-11=0/388, 2-14=0/1064, 4-14=-708/0, 6-12=-424/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x6 MT20 unless otherwise indicated.
3) Attach ribbon block to truss with 3-10d nails applied to flat face.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 10-15=-7, 1-18=-67, 9-18=-567

March 15,2021

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Roseville, CA 95661

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F03	Floor	3	1	R65741880
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:29 2021 Page 1
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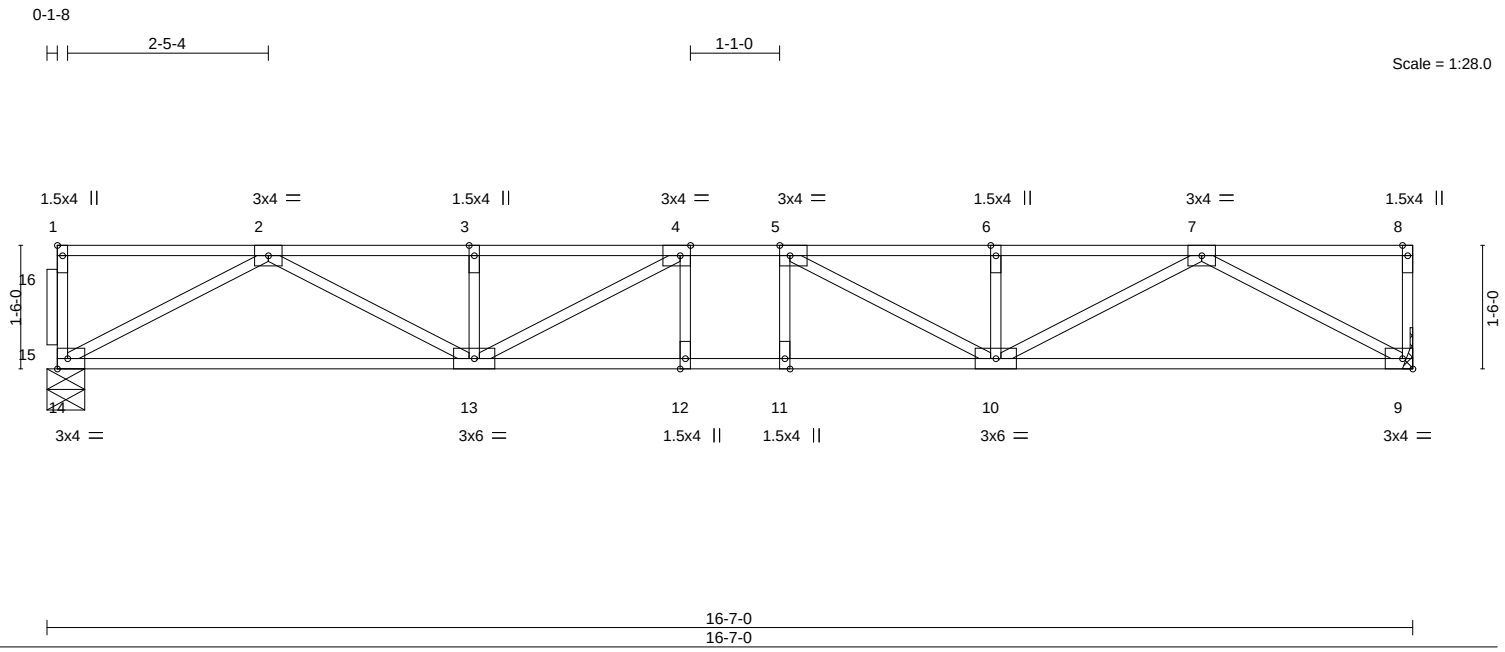

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.26	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

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Roseville, CA 95661

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	FT01	Floor Girder	1	2	R65741881
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:42 2021 Page 1
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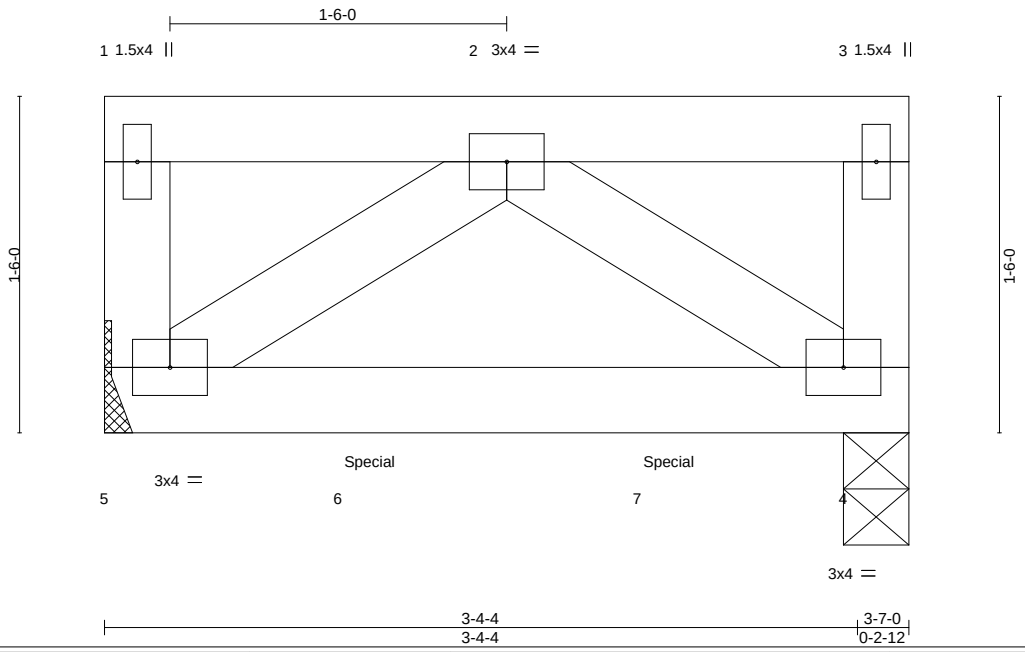

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.02	Vert(LL)	-0.01	4-5	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.23	Vert(CT)	-0.02	4-5	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.01	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 34 lb	FT = 11%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-7-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 5=Mechanical, 4=0-3-8
Max Grav 5=278(LC 1), 4=290(LC 1)

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

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x4 - 1 row at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Refer to girder(s) for truss to truss connections.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 164 lb down at 1-2-4, and 164 lb down at 2-6-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 4-5=-7, 1-3=-67
Concentrated Loads (lb)
Vert: 6=-164(B) 7=-164(B)

March 15,2021

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Roseville, CA 95661

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F05	Floor	2	1	R65741882
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:30 2021 Page 1
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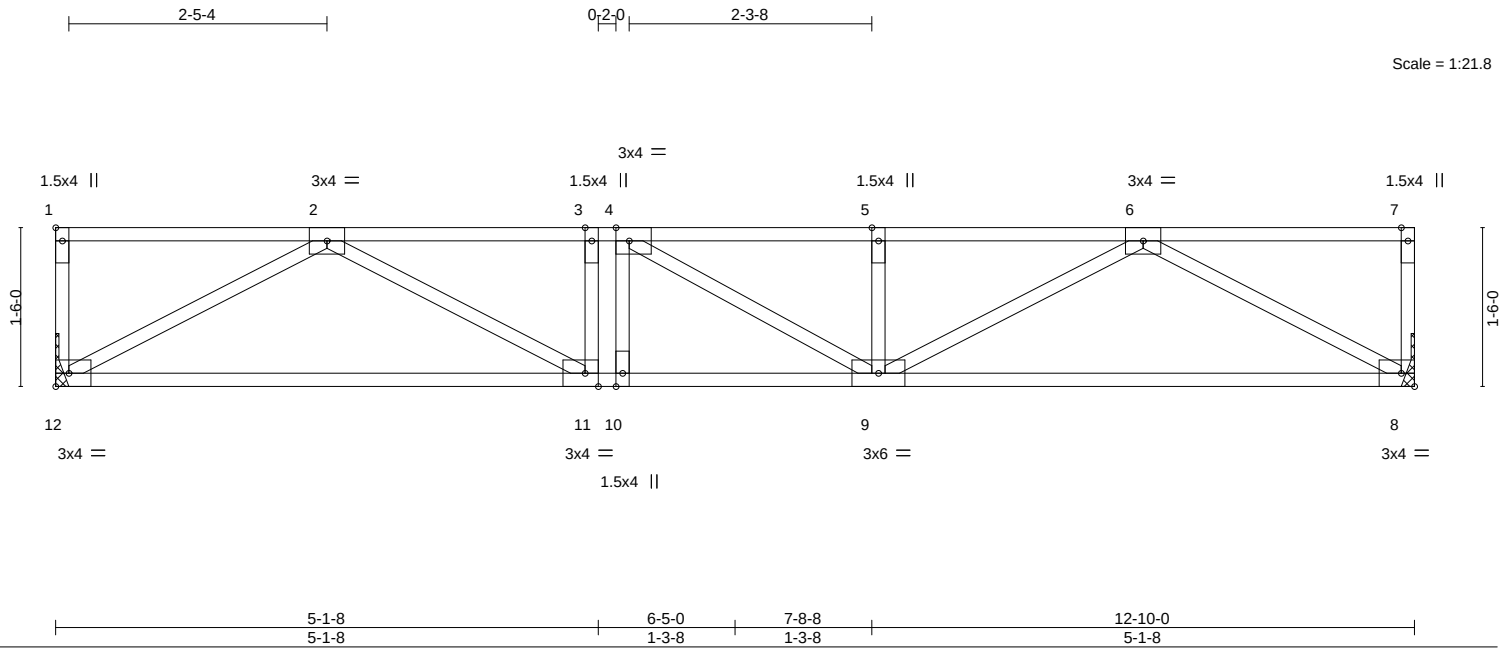

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.20	Vert(LL)	-0.04	9-10	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.29	Vert(CT)	-0.06	8-9	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.14	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) 8=Mechanical, 12=Mechanical
Max Grav 8=466(LC 1), 12=466(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1058/0, 3-4=-1058/0, 4-5=-1059/0, 5-6=-1059/0
BOT CHORD 11-12=0/703, 10-11=0/1058, 9-10=0/1058, 8-9=0/701
WEBS 6-8=-800/0, 2-12=-803/0, 6-9=0/409, 2-11=0/405

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

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Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F05A	Floor Girder	1	1	R65741883
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:31 2021 Page 1
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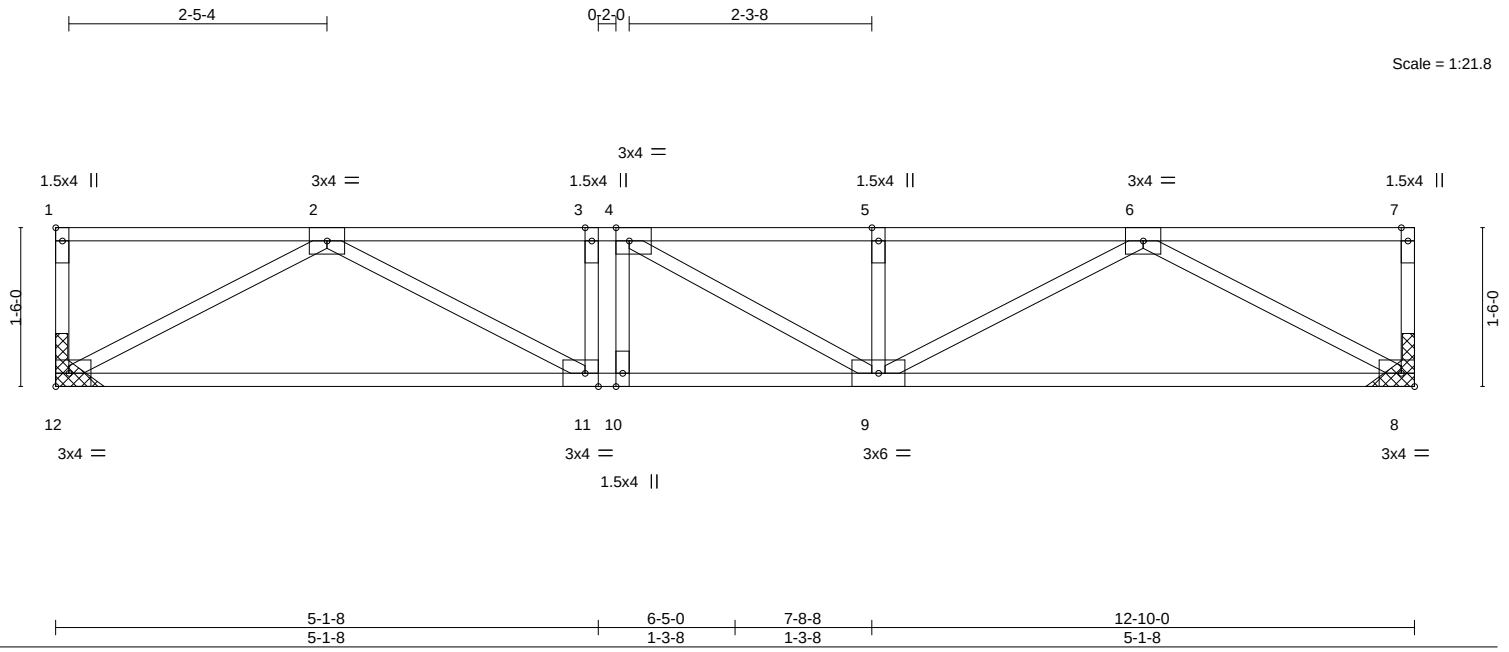

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.23	Vert(LL)	-0.04	9-10	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.32	Vert(CT)	-0.06	8-9	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.14	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) 8=Mechanical, 12=Mechanical
Max Uplift 8=-68(LC 7), 12=-68(LC 6)
Max Grav 8=502(LC 2), 12=502(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-292/292, 2-3=-1097/91, 3-4=-1058/0, 4-5=-1083/69, 5-6=-1084/70, 6-7=-292/292
BOT CHORD 11-12=-161/793, 10-11=0/1058, 9-10=-86/1093, 8-9=-162/790
WEBS 6-8=-902/185, 2-12=-905/183, 6-9=-229/586, 2-11=-254/597, 4-9=-366/360

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 12.
4) This truss has been designed for a total drag load of 1500 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 12-10-0 for 116.9 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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F07	Floor	3	1	R65741884
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:32 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDIgE-IrtTZPx?cgSXDv7Q36Nd5IpKkd40YMqZkJqGTkzae1j

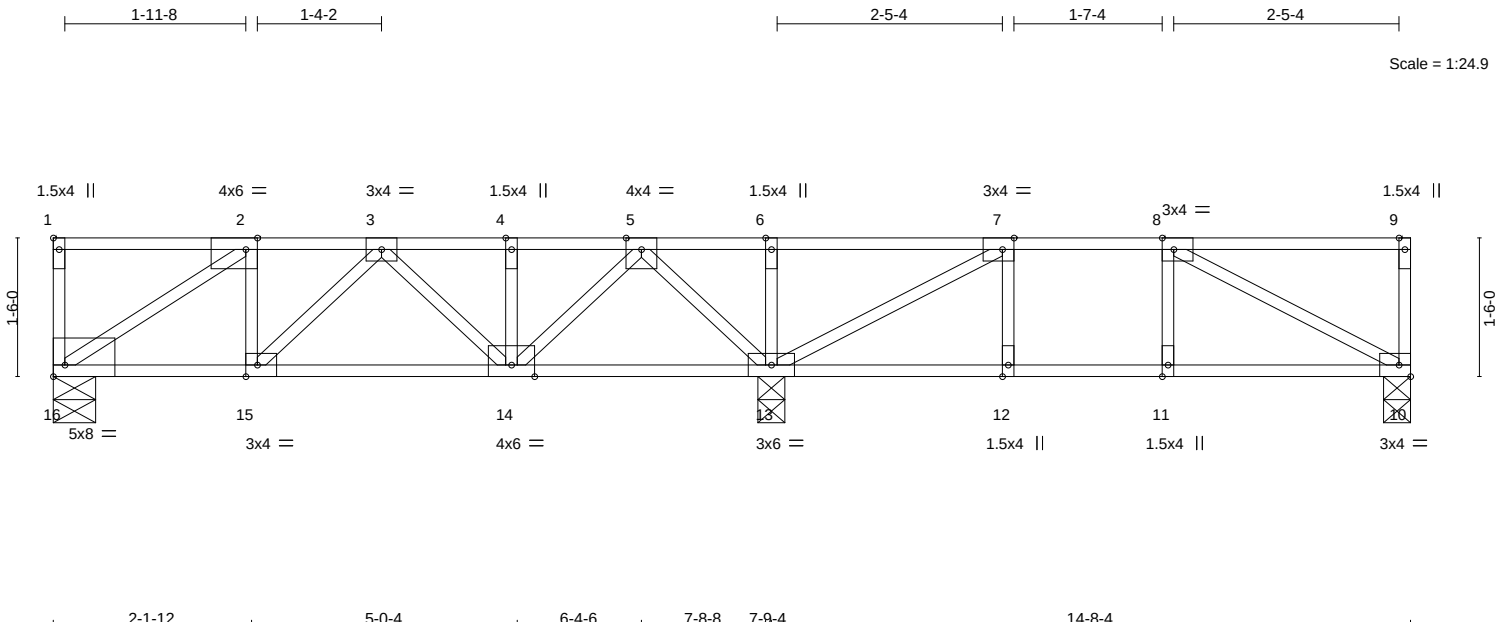

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge], [8:0-1-8,Edge], [15:0-1-8,Edge], [16:Edge,0-1-8]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.32	Vert(LL)	-0.03	14-15	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.55	Vert(CT)	-0.04	14-15	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.42	Horz(CT)	0.02	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 72 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) 13=0-3-8, 10=0-3-8, 16=0-5-8
Max Grav 13=1144(LC 7), 10=208(LC 4), 16=1576(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2275/0, 3-4=-1299/0, 4-5=-1299/0, 5-6=0/372, 6-7=0/372
BOT CHORD 15-16=0/2275, 14-15=0/1833, 13-14=0/647
WEBS 2-15=-488/0, 7-13=-481/0, 2-16=-2726/0, 3-15=0/711, 3-14=-817/0, 5-14=0/990, 5-13=-1098/0

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
3) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 10-16=-7, 1-9=-67
Concentrated Loads (lb)
Vert: 2=-1800

March 15,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F08	Floor	3	1	R65741885
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:33 2021 Page 1
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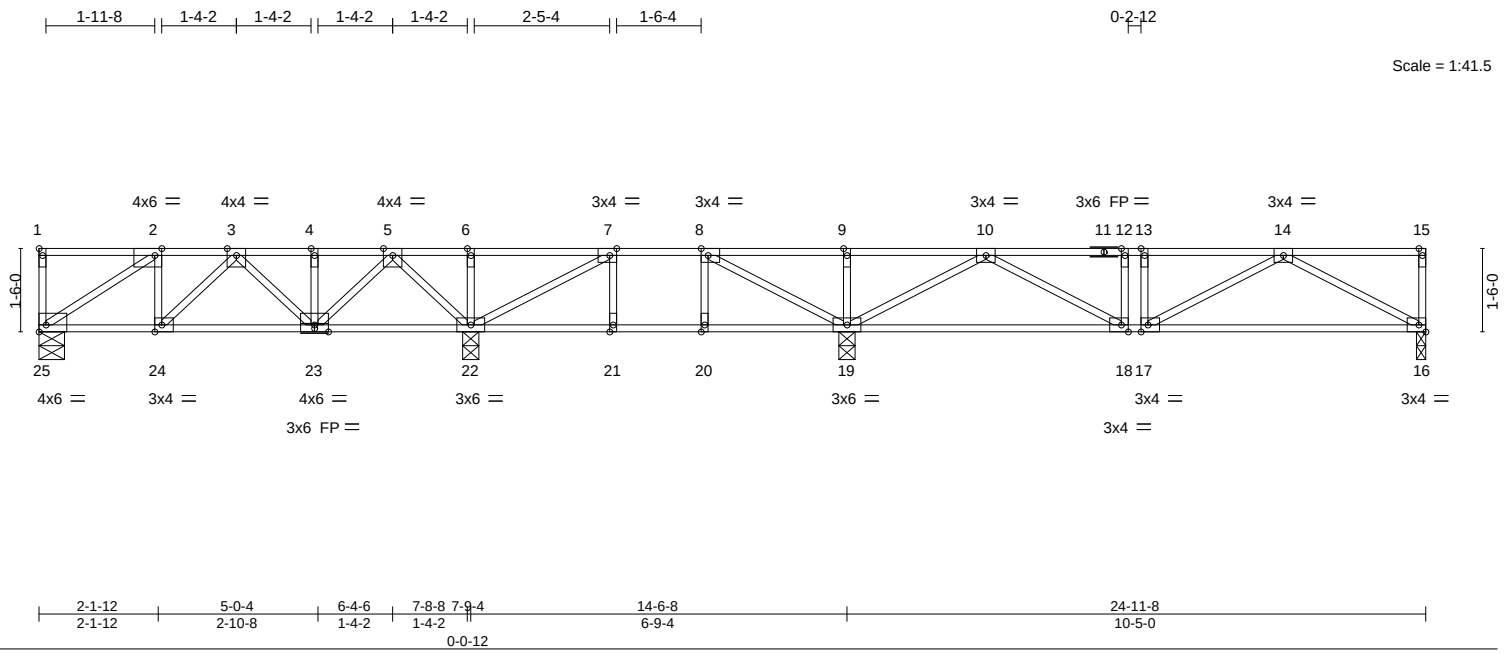

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [7:0-1-8,Edge], [8:0-1-8,Edge], [17:0-1-8,Edge], [18:0-1-8,Edge], [24:0-1-8,Edge], [25:Edge,0-1-8]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.34	Vert(LL)	-0.03	23-24	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.52	Vert(CT)	-0.05	16-17	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.40	Horz(CT)	0.01	16	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 120 lb	FT = 20%F, 11%E

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

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

REACTIONS. All bearings 0-3-8 except (jt=length) 16=0-2-0, 25=0-5-8.
(lb) - Max Grav All reactions 250 lb or less at joint(s) except 16=319(LC 11), 19=692(LC 12), 22=1176(LC 11), 25=1497(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2156/0, 3-4=-1018/0, 4-5=-1018/0, 5-6=0/697, 6-7=0/697, 7-8=0/455, 8-9=0/561, 9-10=0/561, 10-12=-512/0, 12-13=-512/0, 13-14=-512/0
BOT CHORD 24-25=0/2156, 23-24=0/1633, 22-23=0/286, 21-22=-455/0, 20-21=-455/0, 19-20=-455/0, 17-18=0/512, 16-17=0/436
WEBS 2-24=-555/0, 8-19=-254/2, 7-22=-406/0, 14-16=-498/0, 10-19=-736/0, 10-18=0/407, 2-25=-2584/0, 3-24=0/808, 3-23=-902/0, 5-23=0/1074, 5-22=-1174/0

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) 16.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 16-25=-7, 1-15=-67
Concentrated Loads (lb)
Vert: 2=-1800

March 15,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F06	Floor	6	1	R65741886
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:31 2021 Page 1
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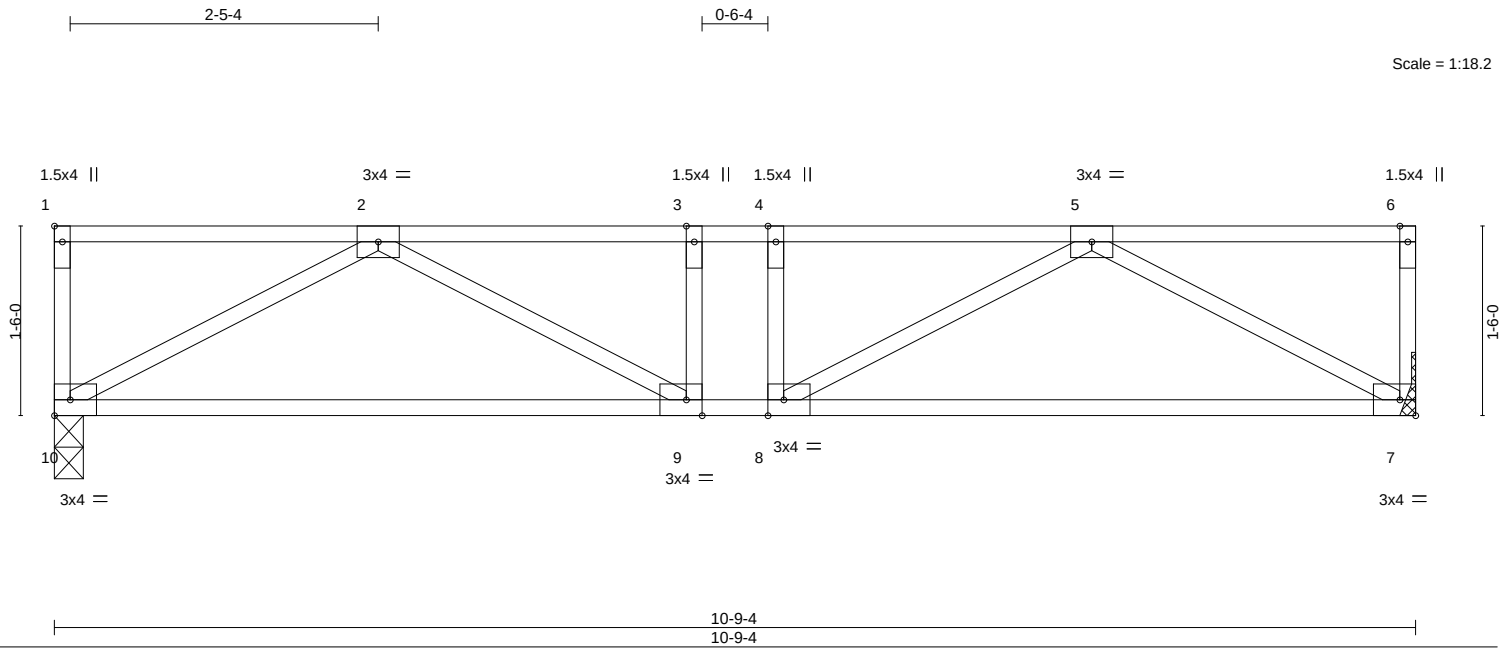

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [8:0-1-8,Edge], [9:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.21	Vert(LL)	-0.03	9-10	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.23	Vert(CT)	-0.06	9-10	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.11	Horz(CT)	0.01	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 51 lb	FT = 20%F, 11%E

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

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

REACTIONS. (size) 7=Mechanical, 10=0-2-12
Max Grav 7=390(LC 1), 10=390(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-778/0, 3-4=-778/0, 4-5=-778/0
BOT CHORD 9-10=0/566, 8-9=0/778, 7-8=0/566
WEBS 5-7=-646/0, 2-10=-646/0, 5-8=0/274, 2-9=0/274

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) 10.
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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F09	Floor	5	1	R65741887
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:34 2021 Page 1
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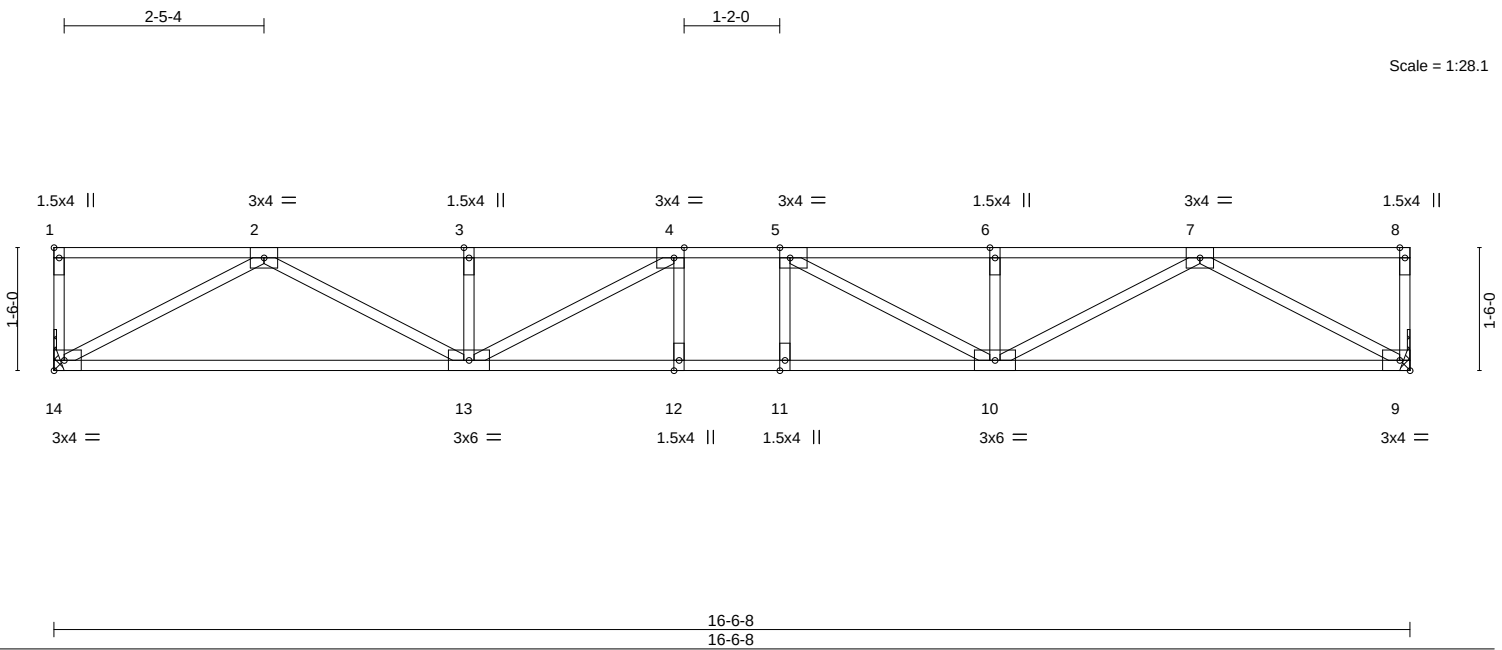

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [5:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.27	Vert(LL)	-0.09	12	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.46	Vert(CT)	-0.13	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: 77 lb	FT = 20%F, 11%E

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

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

REACTIONS. (size) 9=Mechanical, 14=Mechanical
Max Grav 9=602(LC 1), 14=602(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1555/0, 3-4=-1555/0, 4-5=-1797/0, 5-6=-1555/0, 6-7=-1555/0
BOT CHORD 13-14=0/946, 12-13=0/1797, 11-12=0/1797, 10-11=0/1797, 9-10=0/946
WEBS 7-9=-1080/0, 2-14=-1080/0, 7-10=0/694, 2-13=0/694, 5-10=-406/0, 4-13=-406/0

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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F11A	Floor Girder	1	1	R65741888
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:36 2021 Page 1
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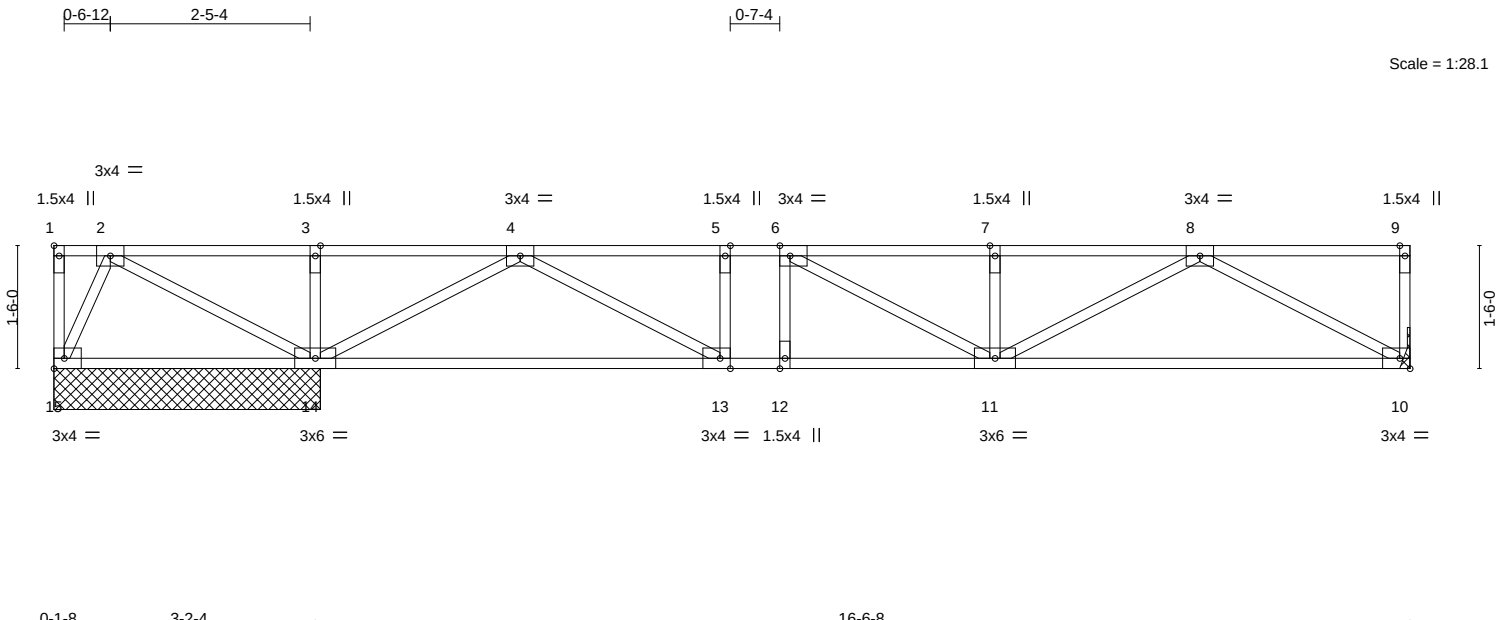

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [6:0-1-8,Edge], [13:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.36	Vert(LL)	-0.07	11-12	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.42	Vert(CT)	-0.09	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.19	Horz(CT)	0.01	10	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 6-0-0 oc bracing.

REACTIONS. (size) 14=3-3-0, 15=3-3-0, 10=Mechanical
Max Uplift 15=-476(LC 11), 10=-185(LC 7)
Max Grav 14=929(LC 1), 15=351(LC 7), 10=549(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-620/1019, 3-4=-195/705, 4-5=-1192/579, 5-6=-795/50, 6-7=-1196/455, 7-8=-1079/245, 8-9=-529/529
BOT CHORD 14-15=-455/468, 13-14=-671/732, 12-13=-50/795, 11-12=-345/1016, 10-11=-458/938
WEBS 2-14=-1066/680, 2-15=-377/535, 8-10=-1000/428, 4-14=-1187/386, 8-11=-456/684, 4-13=-498/981, 5-13=-290/163, 6-11=-635/724

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 476 lb uplift at joint 15 and 185 lb uplift at joint 10.
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 16-6-8 for 211.6 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.
6) CAUTION, Do not erect truss backwards.

March 15,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F11	Floor	4	1	R65741889
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:35 2021 Page 1
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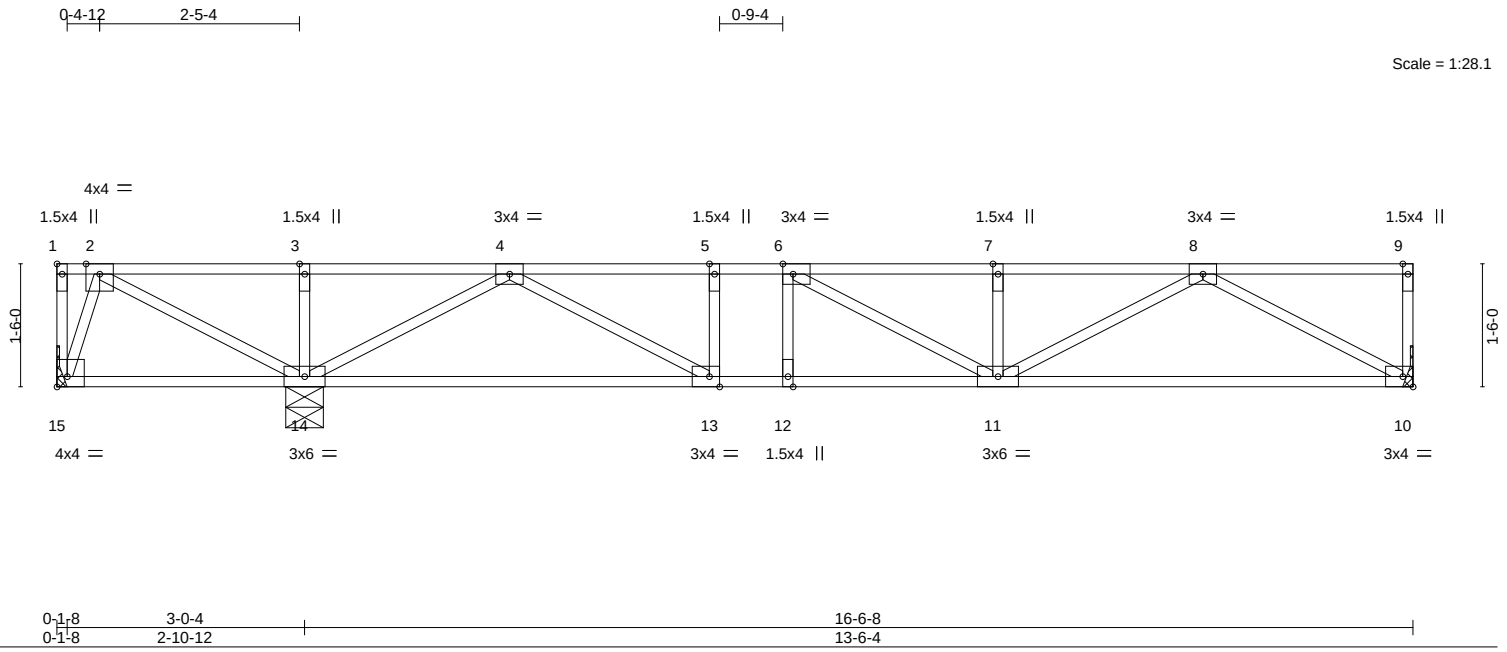

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [6:0-1-8,Edge], [13:0-1-8,Edge], [15:Edge,0-1-8]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.29	Vert(LL)	-0.06	11-12	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.40	Vert(CT)	-0.08	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.01	10	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, Except: 6-0-0 oc bracing: 14-15.

REACTIONS. (size) 14=0-5-8, 15=Mechanical, 10=Mechanical
Max Uplift 15=-231(LC 4)
Max Grav 14=923(LC 1), 15=27(LC 3), 10=436(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/534, 3-4=0/534, 4-5=-838/0, 5-6=-838/0, 6-7=-964/0, 7-8=-964/0
BOT CHORD 13-14=0/295, 12-13=0/838, 11-12=0/838, 10-11=0/646
WEBS 2-14=-557/0, 2-15=-82/262, 8-10=-738/0, 4-14=-946/0, 8-11=0/363, 4-13=0/626

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 231 lb uplift at joint 15.
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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F10	Floor	1	1	R65741890
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:35 2021 Page 1
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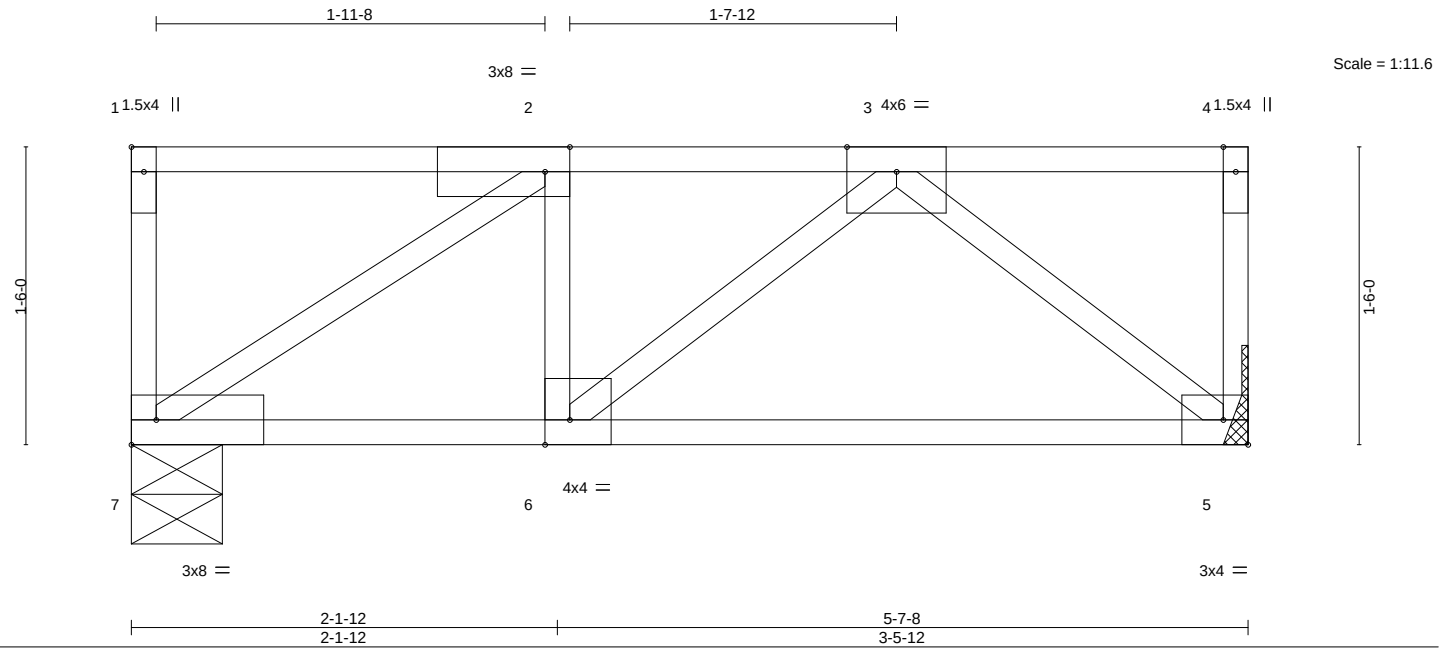

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [6:0-1-8,Edge]

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	0.18	Vert(LL)	-0.02	6	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.45	Vert(CT)	-0.03	5-6	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.35	Horz(CT)	0.01	5	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 29 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 5-7-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 7=0-5-8, 5=Mechanical
Max Grav 7=1320(LC 1), 5=883(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1892/0
BOT CHORD 6-7=0/1892, 5-6=0/1025
WEBS 2-6=-681/0, 2-7=-2267/0, 3-6=0/1113, 3-5=-1316/0

NOTES-
1) Refer to girder(s) for truss to truss connections.
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 5-7=-7, 1-4=-67
Concentrated Loads (lb)
Vert: 2=-1800

March 15,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F12	Floor	14	1	R65741891
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:37 2021 Page 1
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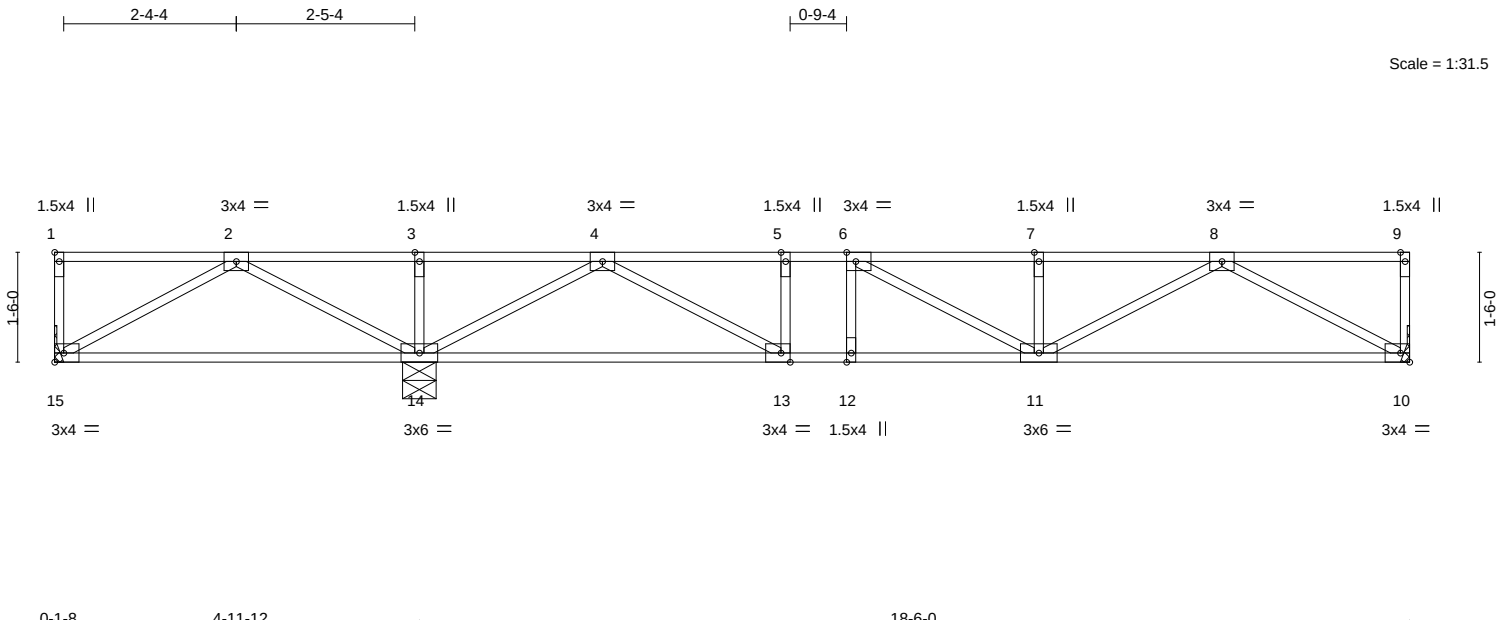

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [6:0-1-8,Edge], [13:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.28	Vert(LL)	-0.06	11-12	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.41	Vert(CT)	-0.08	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.17	Horz(CT)	0.01	10	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 86 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: 14-15.

REACTIONS. (size) 14=0-5-8, 15=Mechanical, 10=Mechanical
Max Uplift 15=-108(LC 4)
Max Grav 14=898(LC 1), 15=125(LC 3), 10=436(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/549, 3-4=0/549, 4-5=-836/0, 5-6=-836/0, 6-7=-964/0, 7-8=-964/0
BOT CHORD 13-14=0/295, 12-13=0/836, 11-12=0/836, 10-11=0/646
WEBS 2-14=-503/0, 2-15=-101/275, 8-10=-737/0, 4-14=-944/0, 8-11=0/363, 4-13=0/627

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) Refer to girder(s) for truss to truss connections.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 108 lb uplift at joint 15.
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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F12A	Floor Girder	2	1	R65741892
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:38 2021 Page 1
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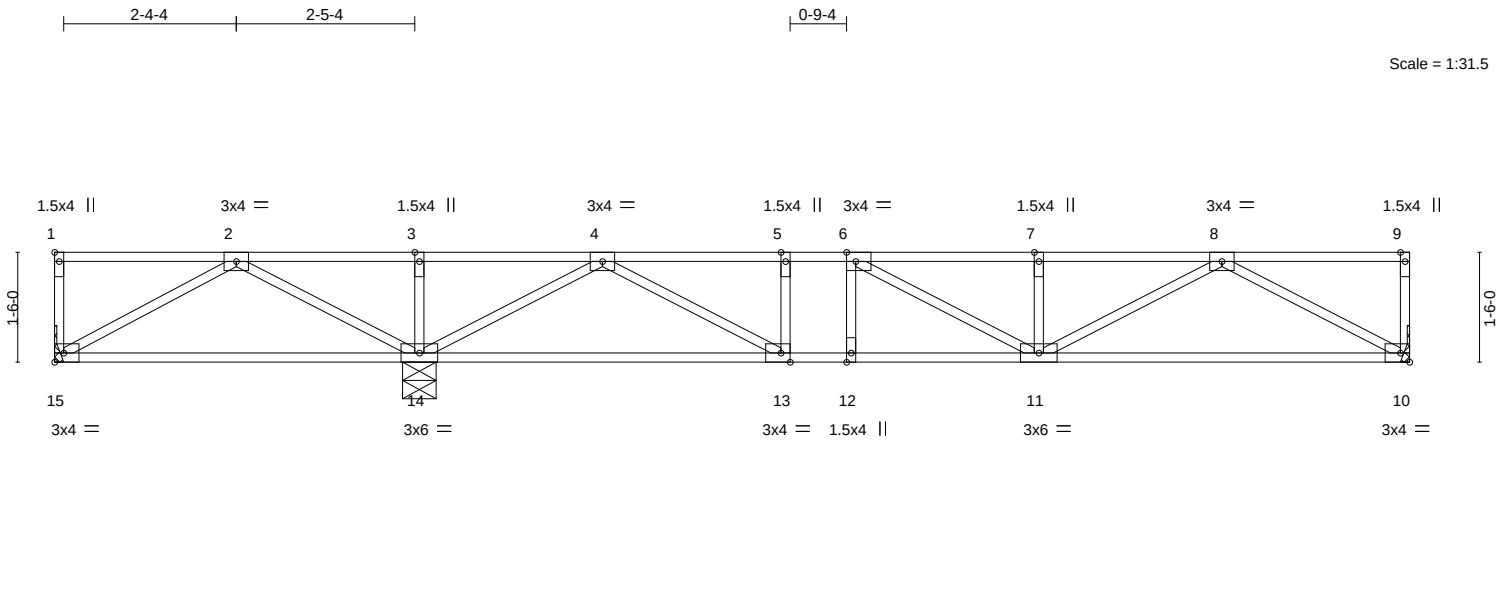

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [6:0-1-8,Edge], [13:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.40	Vert(LL)	-0.09	11-12	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.47	Vert(CT)	-0.10	11-12	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.18	Horz(CT)	0.01	10	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-SH							Weight: 86 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) 14=0-5-8, 15=Mechanical, 10=Mechanical
Max Uplift 15=-334(LC 6), 10=-148(LC 7)
Max Grav 14=898(LC 1), 15=344(LC 12), 10=531(LC 11)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-458/458, 2-3=-615/997, 3-4=-142/642, 4-5=-1211/549, 5-6=-856/76, 6-7=-1201/407, 7-8=-1057/166, 8-9=-473/473
BOT CHORD 14-15=-557/452, 13-14=-645/748, 12-13=-76/856, 11-12=-263/997, 10-11=-406/917
WEBS 2-14=-927/602, 2-15=-627/721, 8-10=-963/352, 4-14=-1134/313, 8-11=-377/648, 4-13=-430/941, 5-13=-288/140, 6-11=-568/657

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 334 lb uplift at joint 15 and 148 lb uplift at joint 10.
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 18-6-0 for 189.2 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.
6) CAUTION, Do not erect truss backwards.

March 15,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor R65741893
2006745	F13	Floor	14	1	Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:39 2021 Page 1
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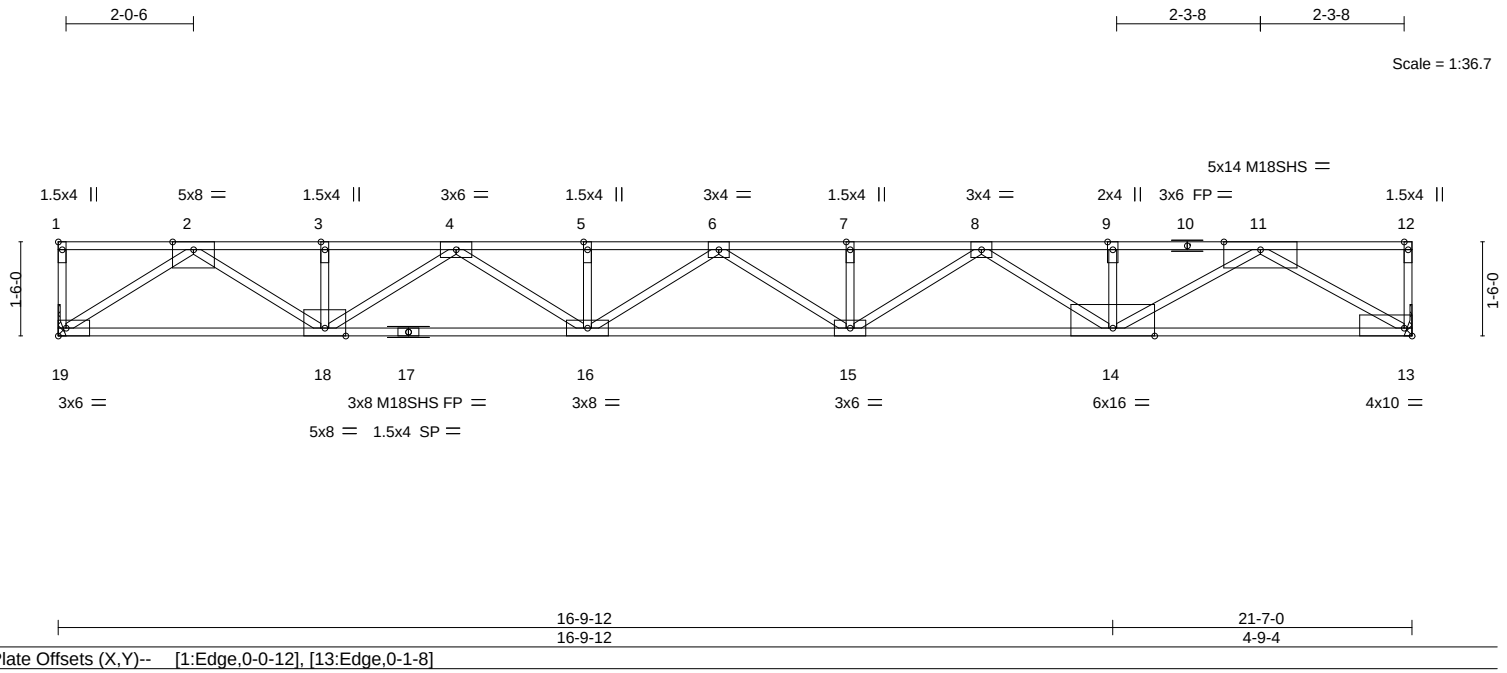

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [13:Edge,0-1-8]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.92	Vert(LL)	-0.42	15-16	>611	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.93	Vert(CT)	-0.58	15-16	>441	360	M18SHS	220/195
BCLL	0.0	Rep Stress Incr	NO	WB	0.71	Horz(CT)	0.10	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 102 lb	FT = 20%F, 11%E

LUMBER-
TOP CHORD 2x4 DF No.2(flat)
BOT CHORD 2x4 DF No.2(flat) *Except*
13-17: 2x4 DF 2400F 2.0E(flat)
WEBS 2x4 DF No.2(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-3-12 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (size) 13=Mechanical, 19=Mechanical
Max Grav 13=1880(LC 1), 19=1094(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2880/0, 3-4=-2880/0, 4-5=-4801/0, 5-6=-4801/0, 6-7=-5791/0, 7-8=-5791/0, 8-9=-5844/0, 9-11=-5844/0
BOT CHORD 18-19=0/1561, 16-18=0/3950, 15-16=0/5407, 14-15=0/5935, 13-14=0/3084
WEBS 9-14=-1524/0, 2-19=-1867/0, 2-18=0/1578, 4-18=-1280/0, 4-16=0/1017, 6-16=-726/0, 6-15=0/459, 11-14=0/3197, 11-13=-3571/0

NOTES-
1) All plates are MT20 plates unless otherwise indicated.
2) The Fabrication Tolerance at joint 17 = 11%
3) Refer to girder(s) for truss to truss connections.
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-19=-7, 1-12=-67
Concentrated Loads (lb)
Vert: 9=-1400

March 15,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	FT02	Floor Girder	1	3	R65741894
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:43 2021 Page 1
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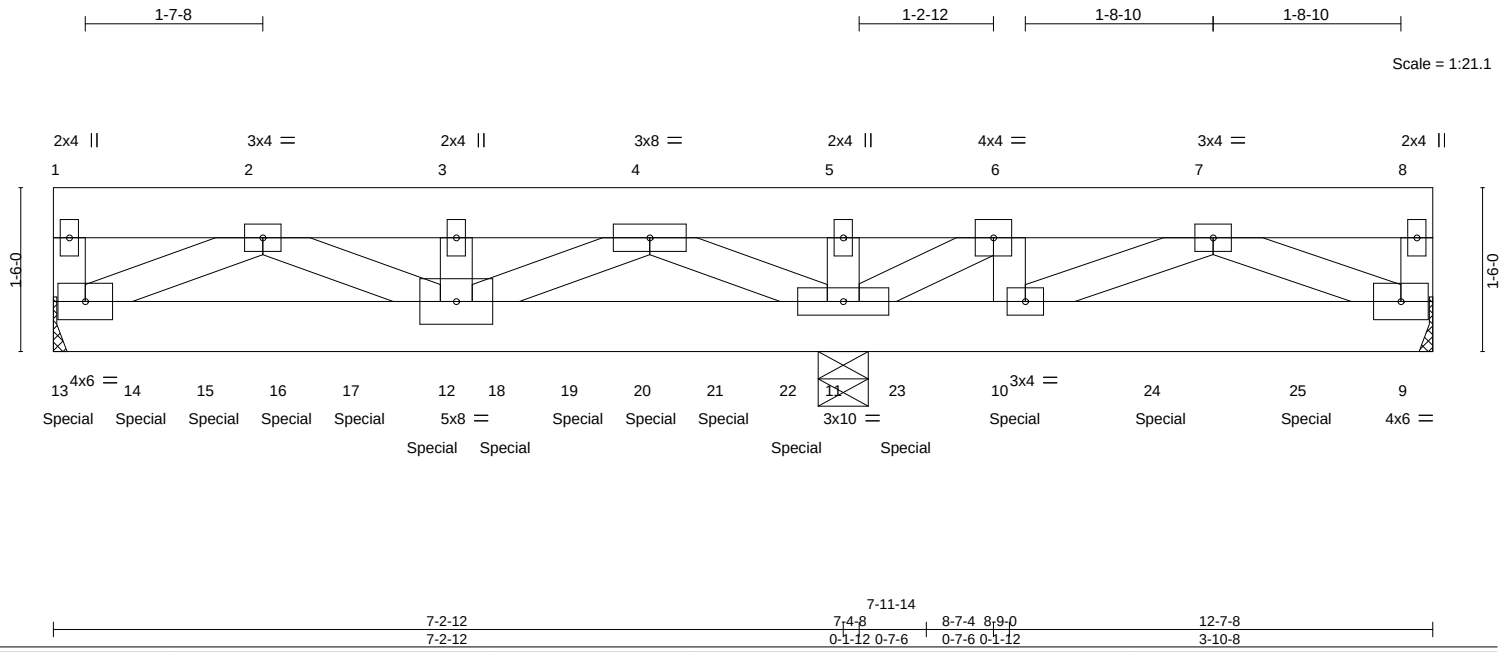

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.62	Vert(LL)	-0.03	12-13	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.55	Vert(CT)	-0.03	12-13	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.35	Horz(CT)	0.01	9	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 221 lb	FT = 11%

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

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

REACTIONS. (size) 11=0-5-8, 9=Mechanical, 13=Mechanical
Max Grav 11=12501(LC 1), 9=2003(LC 4), 13=4236(LC 3)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-13=-691/0, 8-9=-619/0, 1-2=-444/0, 2-3=-5288/0, 3-4=-5288/0, 4-5=0/4059, 5-6=0/4059, 6-7=-2200/0
BOT CHORD 12-13=0/3951, 11-12=0/1233, 10-11=0/2200, 9-10=0/2509
WEBS 6-10=-1483/0, 5-11=-2797/0, 6-11=-6829/0, 7-10=-767/0, 7-9=-2735/0, 2-13=-4068/0, 2-12=0/1552, 3-12=-1093/0, 4-12=0/4719, 4-11=-6093/0

NOTES-
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-8-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced floor live loads have been considered for this design.
4) Refer to girder(s) for truss to truss connections.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
6) CAUTION, Do not erect truss backwards.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 388 lb down at 0-1-12, 598 lb down at 0-9-12, 386 lb down at 1-5-12, 598 lb down at 2-1-12, 386 lb down at 2-9-12, 598 lb down at 3-5-12, 386 lb down at 4-1-12, 598 lb down at 4-9-12, 386 lb down at 5-5-12, 598 lb down at 6-1-12, 386 lb down at 6-9-12, 23 lb down and 236 lb up at 7-9-12, 23 lb down and 236 lb up at 8-9-12, and 23 lb down and 236 lb up at 10-1-12, and 23 lb down and 236 lb up at 11-5-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-13=-7, 1-8=-667
Concentrated Loads (lb)
Vert: 10=-23(F) 6=-5000 13=-388(B) 12=-598(F) 14=-598(F) 15=-386(B) 16=-598(F) 17=-386(B) 18=-386(B) 19=-598(F) 20=-386(B) 21=-598(F) 22=-386(B) 23=-23(F) 24=-23(F) 25=-23(F)

March 15,2021

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F04	Floor	2	1	R65741895
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:29 2021 Page 1
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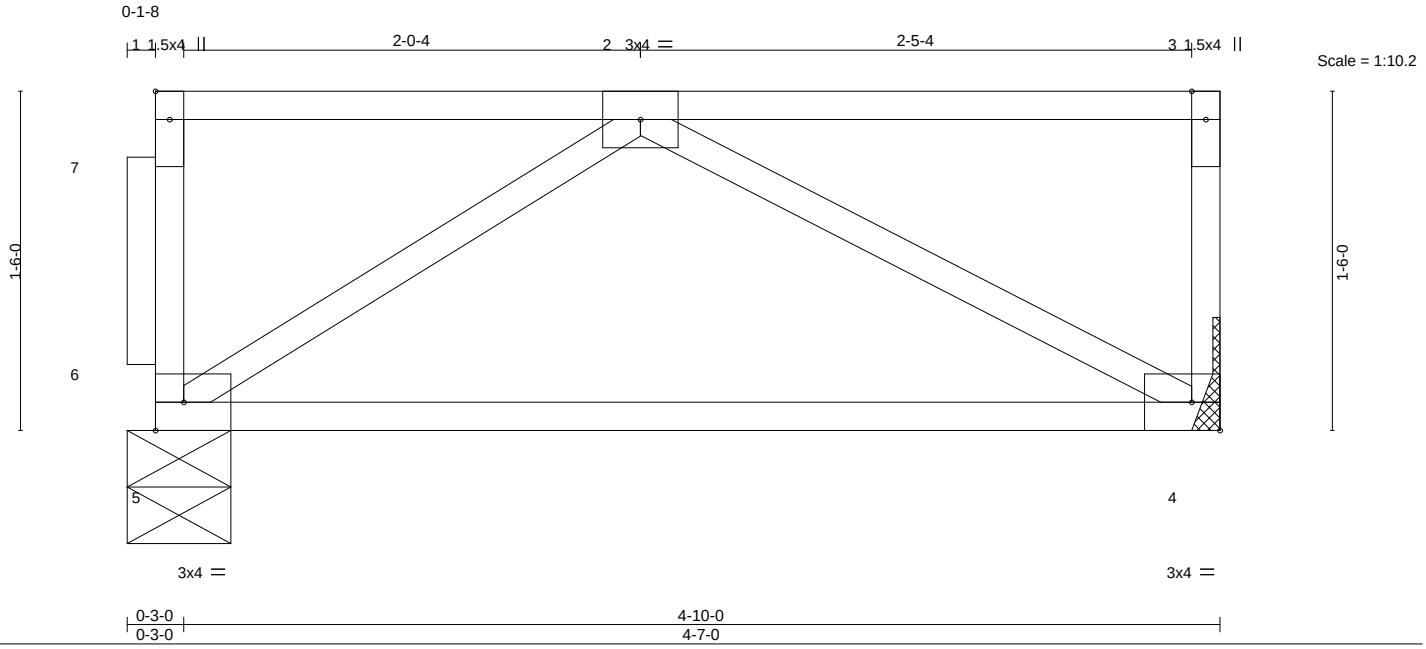

Plate Offsets (X,Y)-- [1:Edge,0-0-12]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.19	Vert(LL)	0.00	5	****	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-
TOP CHORD 2x4 DF No.2(flat)
BOT CHORD 2x4 DF No.2(flat)
WEBS 2x4 DF No.2(flat)

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-10-0 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=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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	B01	FLOOR BLOCKING	147	1	R65741896
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:25 2021 Page 1
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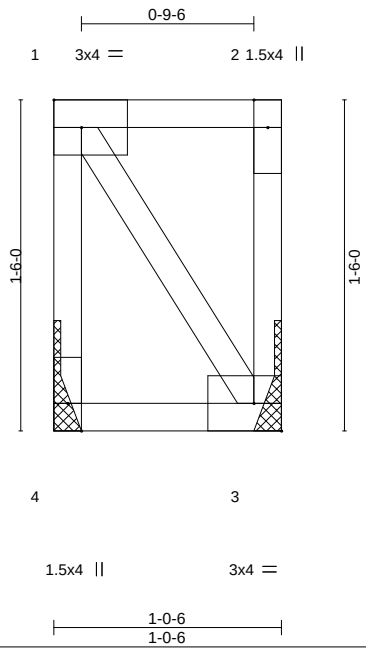

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.05	Vert(LL)	0.00	4	****	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.00	Vert(CT)	-0.00	4	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor R65741897
2006745	F13A	Floor Supported Gable	1	1	Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:40 2021 Page 1
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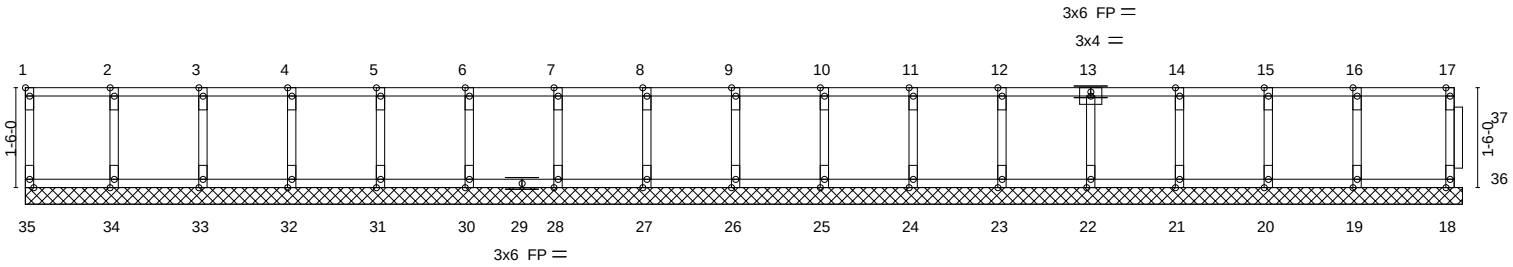

21-7-0
21-7-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.07	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	18	n/a	n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-R							Weight: 88 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 21-7-0.
(lb) - Max Grav All reactions 250 lb or less at joint(s) 35, 18, 34, 33, 32, 31, 30, 28, 27, 26, 25, 24, 23, 22, 21, 20, 19

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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F15	Floor Girder	1	1	R65741898
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:41 2021 Page 1
ID:XH_9_4rKIK7JSG8aAxxL2lyDlgE-XawsSU2eURbFoIJ95V2kyChsuFEk9VtupCVEHizae1a

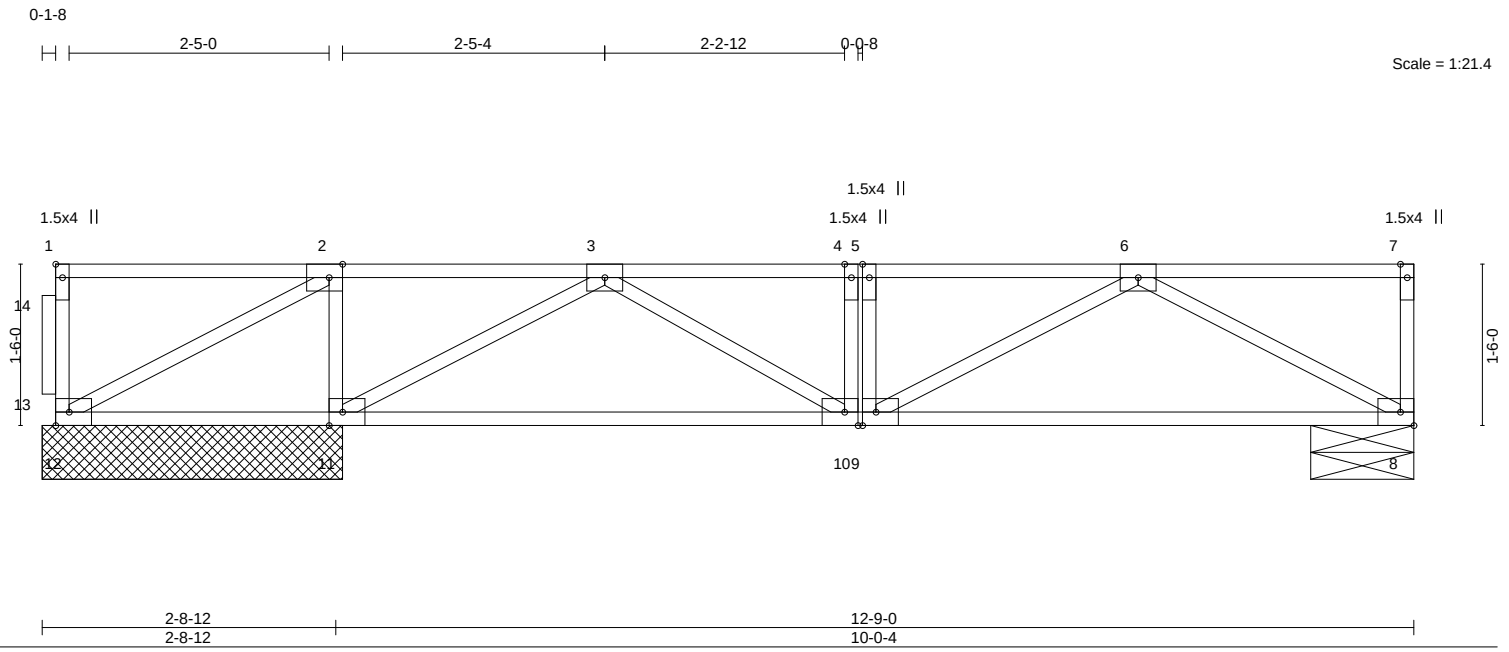

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [2:0-1-8,Edge], [9:0-1-8,Edge], [10:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.29	Vert(LL)	-0.02	8-9	>999	480	MT20	220/195
TCDL	10.0	Lumber DOL	1.00	BC	0.19	Vert(CT)	-0.05	8-9	>999	360		
BCLL	0.0	Rep Stress Incr	NO	WB	0.11	Horz(CT)	0.00	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, Except: 6-0-0 oc bracing: 11-12.

REACTIONS. (size) 11=2-9-8, 12=2-9-8, 8=0-11-8
Max Uplift 12=-140(LC 4)
Max Grav 11=671(LC 1), 12=43(LC 3), 8=323(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=0/279, 3-4=-532/0, 4-5=-532/0, 5-6=-532/0
BOT CHORD 11-12=-279/0, 10-11=0/288, 9-10=0/532, 8-9=0/444
WEBS 2-11=-341/0, 2-12=0/317, 6-8=-506/0, 3-11=-647/0, 3-10=0/294

NOTES-
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x4 MT20 unless otherwise indicated.
3) Attach ribbon block to truss with 3-10d nails applied to flat face.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 140 lb uplift at joint 12.
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

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

Job	Truss	Truss Type	Qty	Ply	SEASCAPE HOMES Forest Ave 1st Floor
2006745	F14	Floor	2	1	R65741899
					Job Reference (optional)

Louws Truss, Inc, Ferndale, WA - 98248, 8.430 s Mar 4 2021 MiTek Industries, Inc. Mon Mar 15 16:24:40 2021 Page 1
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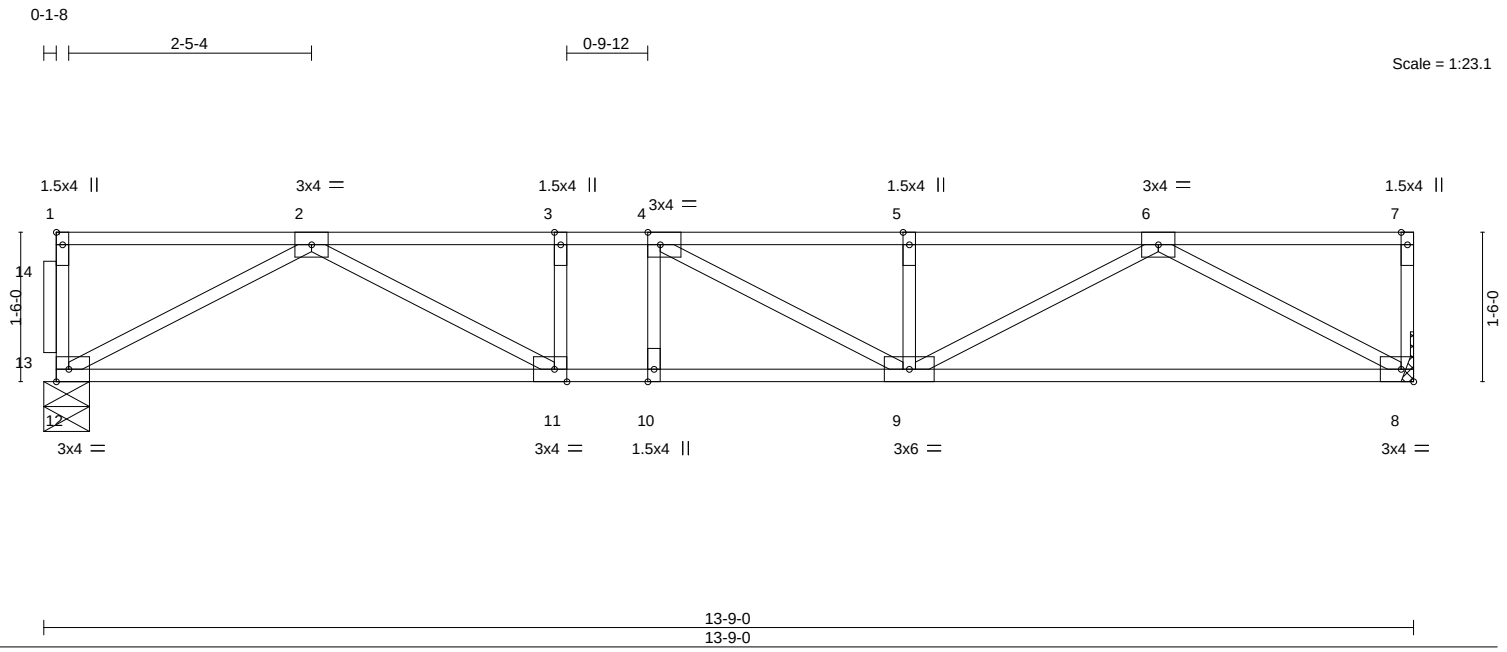

Plate Offsets (X,Y)-- [1:Edge,0-0-12], [4:0-1-8,Edge], [11:0-1-8,Edge]

LOADING (psf)		SPACING-	1-4-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.26	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=Mechanical, 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=-1173/0, 5-6=-1173/0
BOT CHORD 11-12=0/757, 10-11=0/1180, 9-10=0/1180, 8-9=0/753
WEBS 6-8=-859/0, 2-12=-864/0, 6-9=0/480, 2-11=0/488

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

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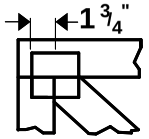
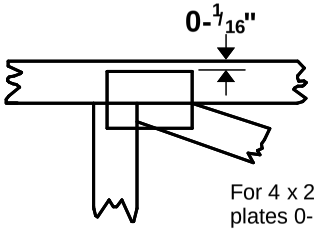
Symbols

PLATE LOCATION AND ORIENTATION



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



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

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

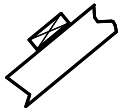
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

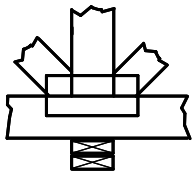
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



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

BEARING

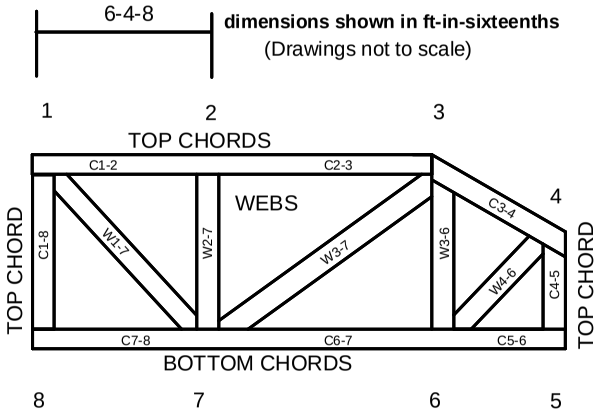


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

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

Numbering System



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

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

PRODUCT CODE APPROVALS

ICC-ES Reports:

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

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

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

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

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

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

21.The design does not take into account any dynamic or other loads other than those expressly stated.