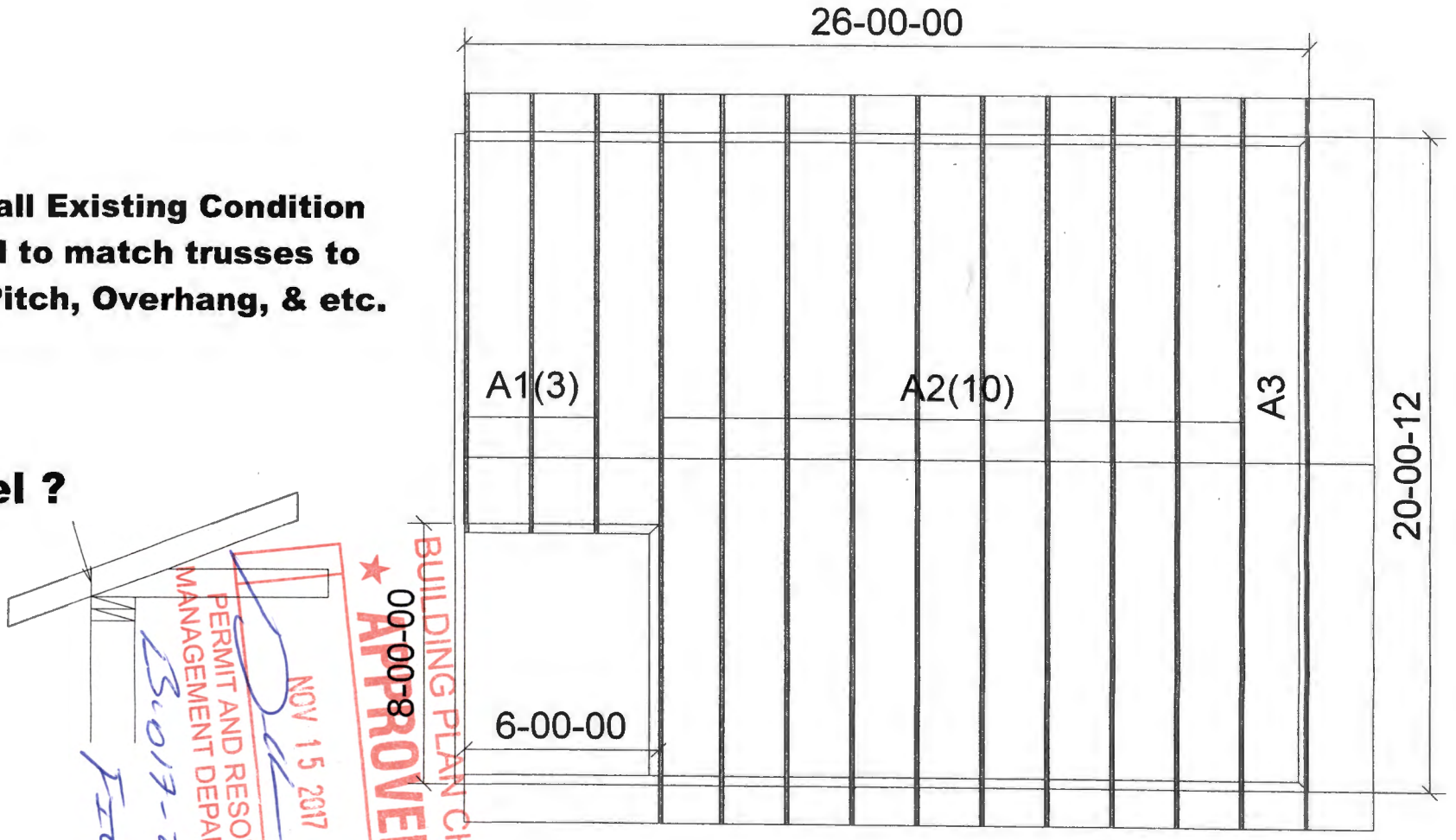
TRUSS, INC.
22700 BROADWAY
SONOMA, CA. 95476
707} 938-5595
alltruss@comcast.net

Verify all Existing Condition needed to match trusses to Heel, Pitch, Overhang, & etc.



Heel ?

ROOF TRUSS LAYOUT
24" o.c. Spacing

170810

Jones Addition
1597 Rose Avenue
Santa Rosa, CA

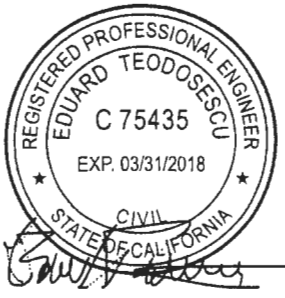
MiTek USA, Inc.
7777 Greenback Lane
Suite 109
Citrus Heights, CA, 95610
Telephone 916/676-1900
Fax 916/676-1909

Re: 170810
Jones Addition

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

Pages or sheets covered by this seal: R52205534 thru R52205536

My license renewal date for the state of California is March 31, 2018.



November 6,2017

Teodosescu, Eduard

IMPORTANT NOTE: Truss Engineer's responsibility is solely for design of individual trusses based upon design parameters shown on referenced truss drawings. Parameters have not been verified as appropriate for any use. Any location identification specified is for file reference only and has not been used in preparing design. Suitability of truss designs for any particular building is the responsibility of the building designer, not the Truss Engineer, per ANSI/TPI-1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	Jones Addition	R52205534
170810	A1	COMMON	3	1	Job Reference (optional)	

ALL TRUSS INC., SONOMA, Ca. 95476

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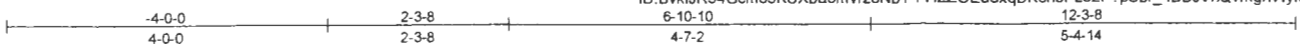

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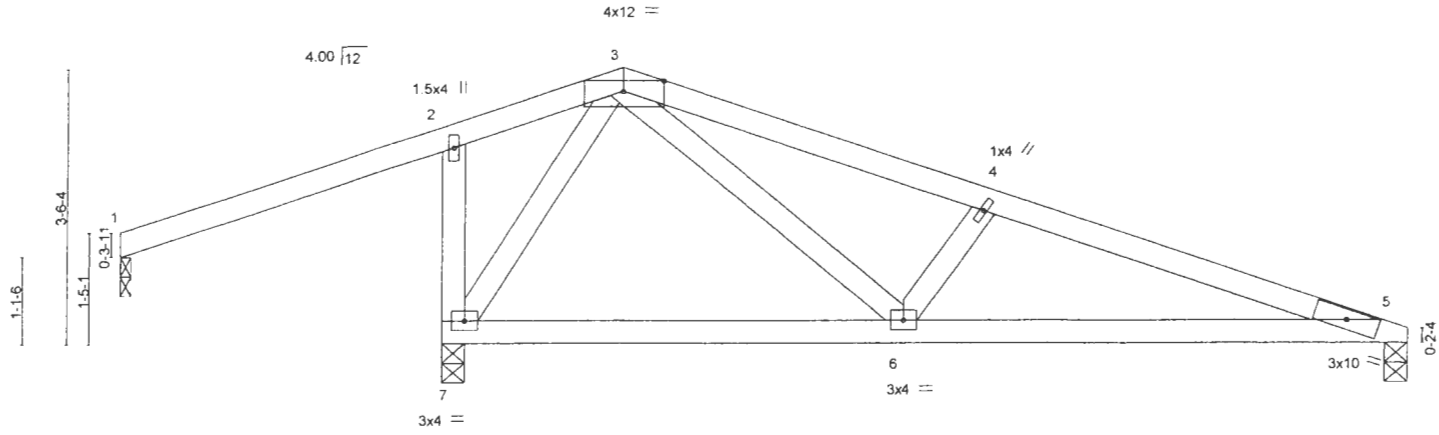

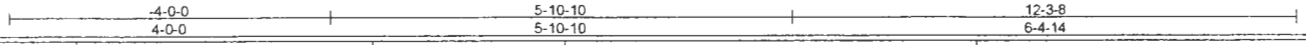

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.23	Vert(LL)	-0.03	5-6	>999	360	MT20	220/195
TCDL	12.0	Lumber DOL	1.25	BC	0.26	Vert(TL)	-0.13	5-6	>999	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.27	Horz(TL)	0.02	1	n/a	n/a		
BCDL	10.0	Code IBC2012/TPI2007		(Matrix)		Wind(LL)	0.02	5-6	>999	240	Weight: 56 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.1&Btr G
BOT CHORD 2x4 DF No.1&Btr G
WEBS 2x4 DF Std G *Except*
2-7: 2x4 DF Stud G

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. (lb/size) 1=102/0-1-8, 5=494/0-3-8, 7=673/0-3-8
Max Horz 7=-54(LC 9)
Max Uplift 1=-32(LC 8), 5=-49(LC 5), 7=-64(LC 5)
Max Grav 1=103(LC 17), 5=494(LC 1), 7=673(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-848/109, 4-5=-1043/117, 2-7=-256/68
BOT CHORD 6-7=0/257, 5-6=-80/952
WEBS 3-6=-63/668, 4-6=-359/101, 3-7=-469/67

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.6psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope); Lumber DOL=1.15 plate grip DOL=1.15
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) A plate rating reduction of 20% has been applied for the green lumber members.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 1.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5, 7.
8) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 1.

November 6,2017

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	Jones Addition	R52205535
170810	A2	COMMON	10	1	Job Reference (optional)	

ALL TRUSS INC., SONOMA, Ca. 95476

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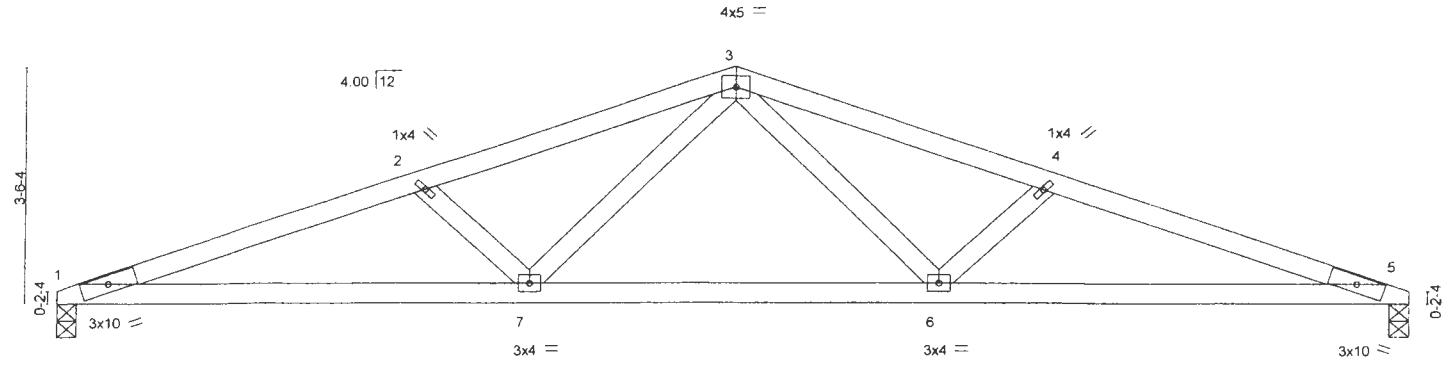
ID:BvkIJR54Gcm35KUXba5mvrz8NbY-jU7xbabmi8LBhxkcutZeY1?mCONVwnIxeZVEDzyMqr2

5-4-14	10-0-0	14-7-2	20-0-0
5-4-14	4-7-2	4-7-2	5-4-14

Scale = 1:33.0



6-11-4	13-0-12	20-0-0
6-11-4	6-1-8	6-11-4

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.25	Vert(LL)	-0.07	6-7	>999	360	MT20	220/195
TCDL	12.0	Lumber DOL	1.25	BC	0.39	Vert(TL)	-0.26	1-7	>906	240		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(TL)	0.07	5	n/a	n/a		
BCDL	10.0	Code IBC2012/TPI2007		(Matrix)		Wind(LL)	0.05	7	>999	240	Weight: 72 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.1&Btr G
BOT CHORD 2x4 DF No.1&Btr G
WEBS 2x4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-1 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=828/0-3-8, 5=828/0-3-8
Max Horz 1=-34(LC 11)
Max Uplift 1=-71(LC 4), 5=-71(LC 5)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2088/191, 2-3=-1824/160, 3-4=-1824/160, 4-5=-2088/191
BOT CHORD 1-7=-173/1955, 6-7=-67/1293, 5-6=-150/1955
WEBS 3-6=-44/581, 4-6=-393/108, 3-7=-44/581, 2-7=-393/108

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.6psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope); Lumber DOL=1.15 plate grip DOL=1.15
3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
5) A plate rating reduction of 20% has been applied for the green lumber members.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 5.

REGISTERED PROFESSIONAL ENGINEER
EDUARD TEODOSESCU
C 75435
EXP. 03/31/2018
STATE OF CALIFORNIA

November 6,2017

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	Jones Addition	R52205536
170810	A3	GABLE	1	1	Job Reference (optional)	

ALL TRUSS INC., SONOMA, Ca. 95476

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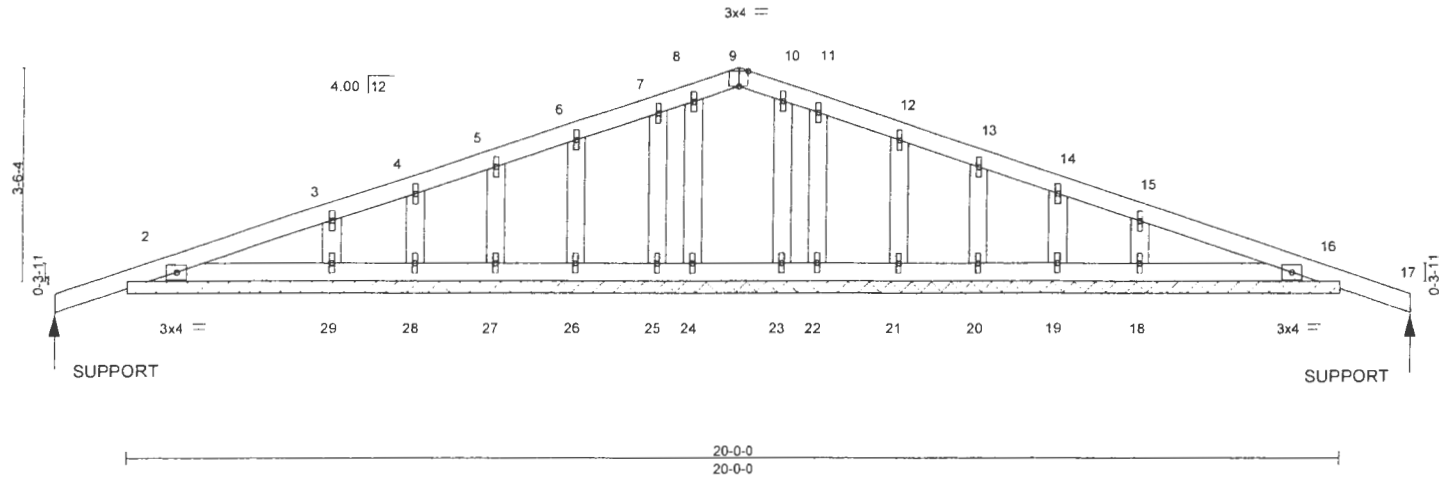
ID:BvkIJR54Gcm35KUXba5mvrz8NbY-BggJpwbPTRT2J4JoSa4t4EXzQopCfHq4tDFnlPyMqr1

-1-2-0 / 1-2-0 | 10-0-0 / 10-0-0 | 20-0-0 / 10-0-0 | 21-2-0 / 1-2-0

Scale = 1:36.7



TOP CHORD BIRDSMOUTH MUST BE CLEANLY CUT - NO OVERCUTS
NO OTHER DEFECTS ALLOWED IN THE VICINITY OF THE CUT (VERIFICATION BY OTHERS).

Plate Offsets (X,Y)-- [9:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.25	TC	0.09	Vert(LL)	-0.00	17	n/r	180	MT20	220/195
TCDL	12.0	Lumber DOL	1.25	BC	0.04	Vert(TL)	-0.01	17	n/r	80		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(TL)	0.00	16	n/a	n/a		
BCDL	10.0	Code IBC2012/TPI2007		(Matrix)							Weight: 88 lb	FT = 0%

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied.

REACTIONS. All bearings 20-0-0.
(lb) - Max Horz 2=39(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 2, 16, 25, 26, 27, 28, 29, 22, 21, 20, 19, 18
Max Grav All reactions 250 lb or less at joint(s) 2, 16, 24, 23, 25, 26, 27, 28, 29, 22, 21, 20, 19, 18

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

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10, Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=3.6psf; h=25ft; Cat. II; Exp C; enclosed; MWFRS (envelope); Lumber DOL=1.15 plate grip DOL=1.15
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 1x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 1-4-0 oc.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
9) A plate rating reduction of 20% has been applied for the green lumber members.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 16, 25, 26, 27, 28, 29, 22, 21, 20, 19, 18.

November 6,2017

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610