BLD18-419990801 P(1

Norman Scheel Structural Engineer

5022 Sunrise Blvd.
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1989-2018
29 years of excellence

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Tuesday, March 12, 2019

Bailey Construction Company
1100 Roseville, Parkway #1013
Roseville, CA 95678

THESE ATTACHMENTS ARE PART OF THE APPROVED PLANS *DO NOT REMOVE THEM*

Reviewed for Code Compliance
County of Sonoma
PRMD
MAR 18 2019

Re: 270 North Dover Court Job# 18285 Job# 18322 Truss Compliance Letter

This letter is to clarify that we have reviewed the truss drawings prepared by Homewood Truss dated October 23rd, 2018 are in general compliance with the project plans and specifications.

MAR 18 2019
PRMD
RESILIENCY PERMIT CENTER

Field verification of span by others.

If there are any further questions, please contact Rob Coon.

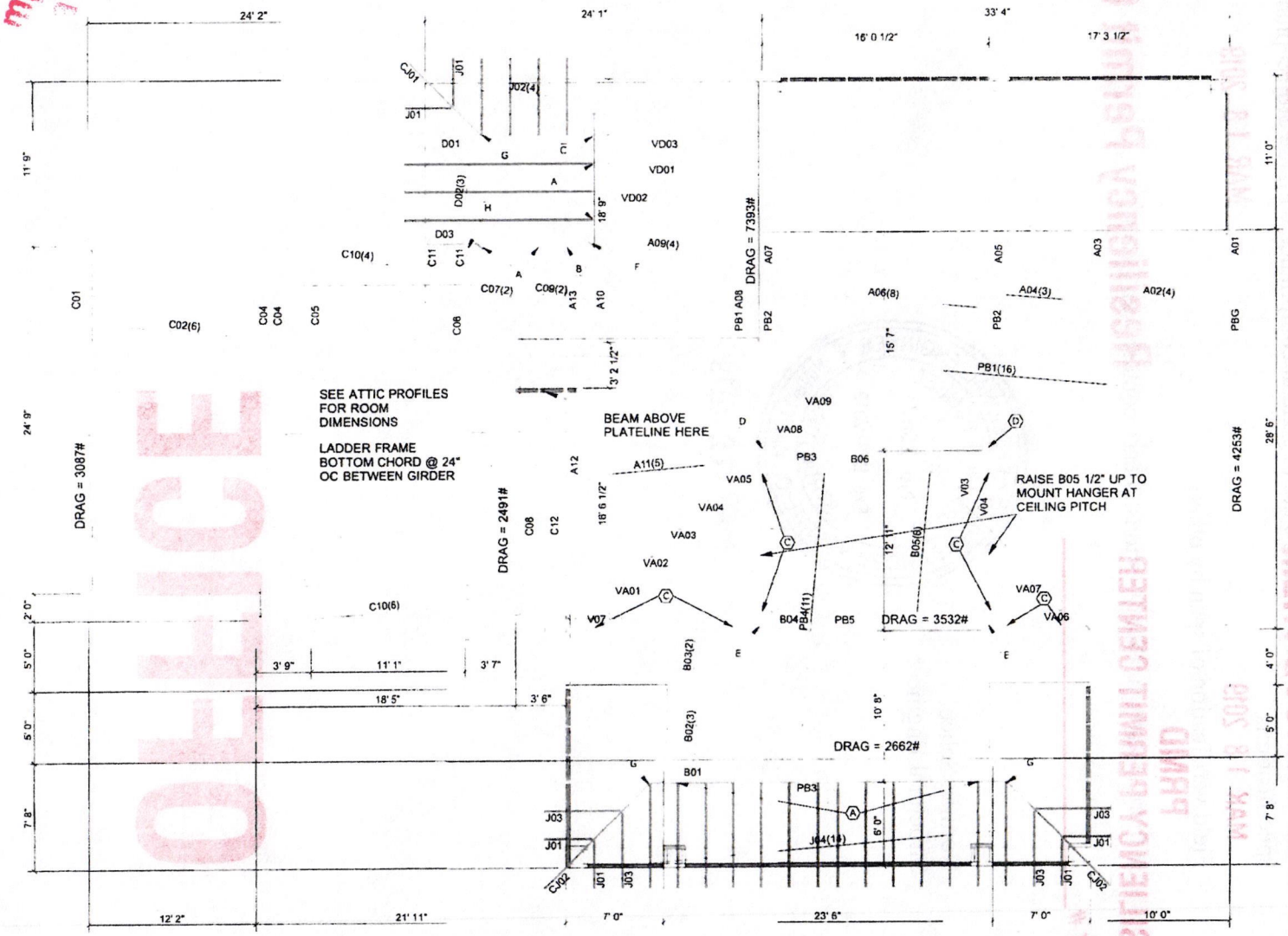
Resiliency Permit Center
PERMIT #

Norman Scheel
Structural Engineer

REGISTERED PROFESSIONAL ENGINEER
NORMAN J SCHEEL
No. 2567
Exp. 12/31/2019
STRUCTURAL
STATE OF CALIFORNIA

MAR 12 2019

OFFICE



Q182286 - BAICON BUILDERS
270 N. DOVER CT. - SANTA ROSA, CA
ROOF TRUSS LAYOUT
9-18-18

ANCILLARY ITEMS:
(100) 2X4 X 22-7/16" SOLID BLOCKS
(20) 2X4 X 22-7/16" VENTED BLOCKS
(35) 2X6 X 22-7/16" SOLID BLOCKS
(10) 2X6 X 22-7/16" VENTED BLOCKS

(18) LUS24 "A"
(1) LUS26-2 "B"
((22) MSU26 "C"
(2) HGUS26-2 "D"
(2) THDQ2-SDS3 "E"
(1) HGUS26-3 "F"
(3) LTHJA26 "G"
(1) THGQ3-SDS4.5 "H"

5033 FEATHER RIVER BLVD.
OLIVEHURST, CA 95961
530-743-8855
WWW.GOHOMEWOOD.COM

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

Re: J182286
270 N. Dover Ct

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

Pages or sheets covered by this seal: R55963660 thru R55963719

My license renewal date for the state of California is March 31, 2020.

October 29,2018

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	270 N. Dover Ct	R55963660
J182286	A01	GABLE	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:20 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-47Pm_LBtBl32WQkW7XhUqmoZqlKeUv8HWPWHj9yObhz

1-6-0 | 16-6-5 | 22-11-11 | 39-6-0 | 41-0-0
1-6-0 | 16-6-5 | 6-5-5 | 16-6-5 | 1-6-0

Scale = 1:72.2

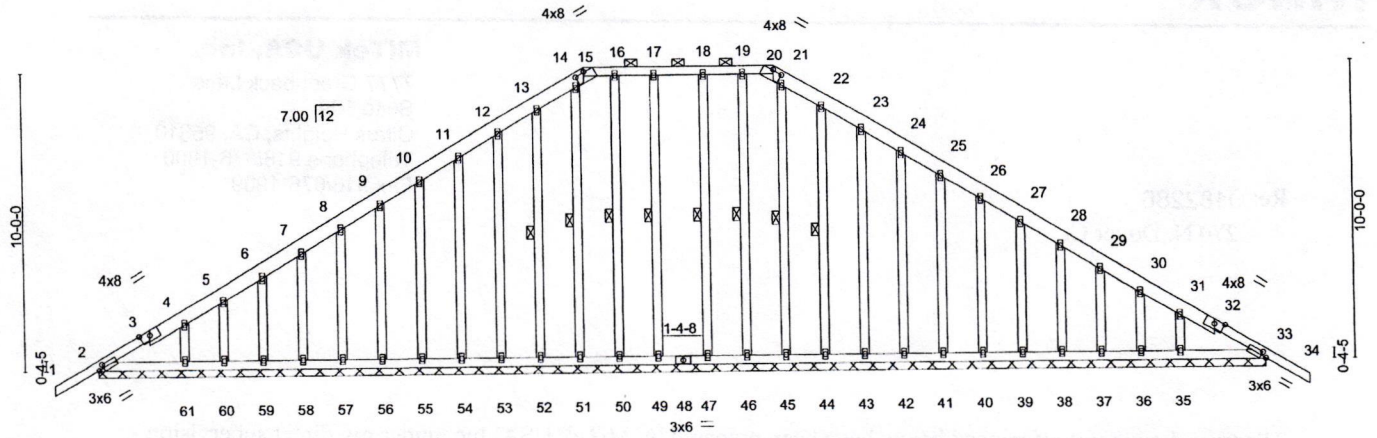


Plate Offsets (X,Y)-- [2:0-2-3,0-1-8], [15:0-4-0,0-0-5], [20:0-4-0,0-0-5], [33:0-2-3,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.50	Vert(LL)	-0.01	34	n/r	120	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.38	Vert(CT)	-0.02	34	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.03	47	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 353 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G *Except* 3-15,20-32: 2X6 DF No.2 G
BOT CHORD 2X4 DF No.2 G
OTHERS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-2 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 15-20.
BOT CHORD Rigid ceiling directly applied or 4-2-12 oc bracing.
WEBS 1 Row at midpt 17-49, 16-50, 14-51, 13-52, 18-47, 19-46, 21-45, 22-44

REACTIONS. All bearings 39-6-0.
(lb) - Max Horz 2=-215(LC 30)
Max Uplift All uplift 100 lb or less at joint(s) 49, 50, 52, 53, 54, 55, 56, 57, 58, 59, 47, 46, 44, 43, 42, 41, 40, 39, 38, 37 except 2=-1293(LC 33), 51=-119(LC 32), 60=-136(LC 33), 61=-119(LC 28), 45=-110(LC 43), 36=-136(LC 34), 35=-118(LC 25), 33=-1293(LC 34)
Max Grav All reactions 250 lb or less at joint(s) 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 47, 46, 45, 44, 43, 42, 41, 40, 39, 38, 37, 36 except 2=1400(LC 32), 61=279(LC 29), 35=274(LC 32), 33=1365(LC 41)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-2643/2593, 4-5=-2216/2172, 5-6=-2086/2042, 6-7=-1909/1864, 7-8=-1733/1701, 8-9=-1558/1526, 9-10=-1383/1387, 10-11=-1221/1252, 11-12=-1083/1120, 12-13=-954/997, 13-14=-795/845, 14-15=-493/528, 15-16=-531/587, 16-17=-403/474, 17-18=-274/330, 18-19=-403/474, 19-20=-531/587, 20-21=-495/530, 21-22=-802/855, 22-23=-962/1007, 23-24=-1091/1129, 24-25=-1229/1262, 25-26=-1369/1397, 26-27=-1510/1532, 27-28=-1649/1666, 28-29=-1800/1802, 29-30=-1977/1948, 30-31=-2109/2065, 31-33=-2534/2529
BOT CHORD 2-61=-2168/2264, 60-61=-1886/1950, 59-60=-1728/1807, 58-59=-1599/1663, 57-58=-1455/1520, 56-57=-1312/1376, 55-56=-1168/1233, 54-55=-1024/1089, 53-54=-881/945, 52-53=-737/802, 51-52=-594/658, 50-51=-450/515, 49-50=-307/371, 46-47=-307/371, 45-46=-450/515, 44-45=-594/658, 43-44=-737/802, 42-43=-881/945, 41-42=-1024/1089, 40-41=-1168/1233, 39-40=-1312/1376, 38-39=-1455/1520, 37-38=-1599/1663, 36-37=-1728/1807, 35-36=-1886/1950, 33-35=-2168/2264
WEBS 4-61=-260/177, 31-35=-310/151

NOTES- (14-15)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=40ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) -1-6-0 to 2-5-6, Exterior(2) 2-5-6 to 16-6-5, Corner(3) 16-6-5 to 20-7-0, Exterior(2) 20-7-0 to 22-11-11, Corner(3) 22-11-11 to 26-11-1, Exterior(2) 26-11-1 to 41-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Provide adequate drainage to prevent water ponding.

REGISTERED PROFESSIONAL ENGINEER
EDUARD TEODOSESCU
C 75435
EXP. 03/31/2020
STATE OF CALIFORNIA

October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963660
J182286	A01	GABLE	1	1	Job Reference (optional)	

NOTES- (14-15)

5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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 2-0-0 wide will fit between the bottom chord and any other members.
10) A plate rating reduction of 20% has been applied for the green lumber members.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 49, 50, 52, 53, 54, 55, 56, 57, 58, 59, 47, 46, 44, 43, 42, 41, 40, 39, 38, 37 except (jt=lb) 2=1293, 51=119, 60=136, 61=119, 45=110, 36=136, 35=118, 33=1293.
12) This truss has been designed for a total drag load of 4253 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 39-6-0 for 107.7 plf.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) TRUSSES IN THIS JOB COMPLY WITH
15) CBC 2016 SECTION 2303.4

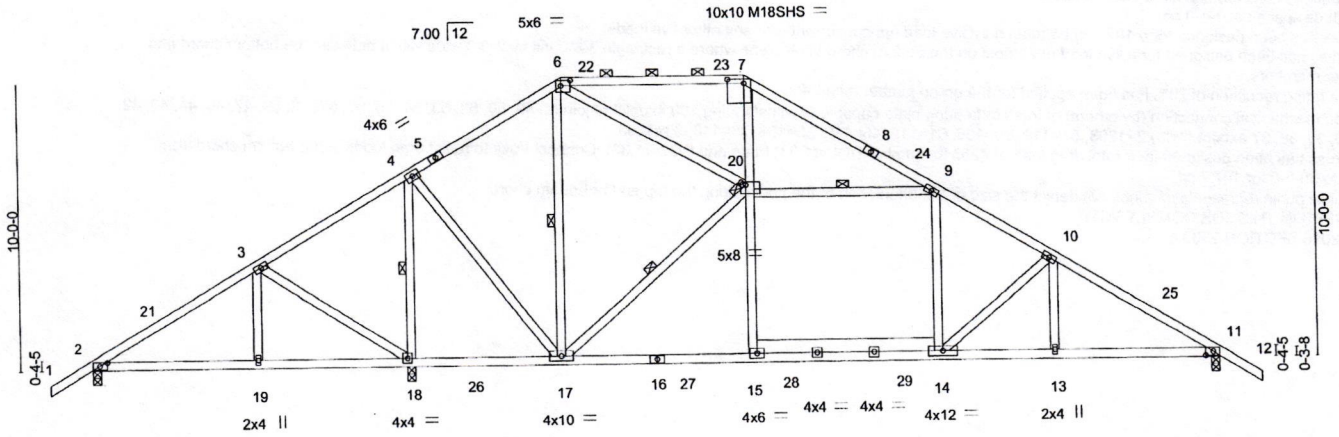
MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963661
J182286	A02	Piggyback Base	4	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:21 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-YJz8BhCVy3Bv8aJihECjMzLjk9d6DFiQl3GrFcyObhy

1-6-0	5-9-11	11-1-12	16-6-5	22-11-11	29-7-11	33-8-5	39-6-0	41-0-0
1-6-0	5-9-11	5-4-1	5-4-9	6-5-5	6-8-0	4-0-11	5-9-11	1-6-0

Scale = 1:74.8



5-9-11	11-1-12	16-6-5	22-11-11	29-7-11	33-8-5	39-6-0
5-9-11	5-4-1	5-4-9	6-5-5	6-8-0	4-0-11	5-9-11

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [6:0-4-0,0-2-4], [7:0-7-0,0-1-12], [11:0-3-3,0-1-8], [20:0-2-0,0-1-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.55	Vert(LL)	-0.07	14-15	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.25	14-15	>999	180	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.06	11	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 239 lb	FT = 20%

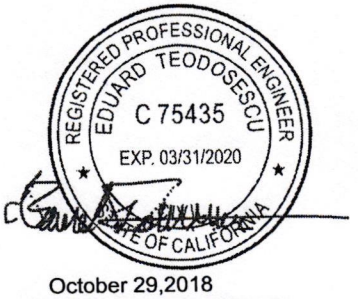
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G *Except*
14-15: 2X6 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-5 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-18, 6-17, 9-20, 17-20
JOINTS 1 Brace at Jt(s): 20

REACTIONS. (lb/size) 2=401/0-3-8, 18=2066/0-3-8, 11=1358/0-3-8
Max Horz 2=-215(LC 10)
Max Uplift 2=-98(LC 12), 18=-15(LC 12), 11=-54(LC 12)
Max Grav 2=449(LC 21), 18=2150(LC 17), 11=1420(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-317/109, 3-4=0/494, 4-6=-617/171, 7-9=-271/120, 9-10=-1834/70, 10-11=-2189/39
BOT CHORD 17-18=-403/115, 15-17=0/1499, 14-15=0/1501, 13-14=0/1783, 11-13=0/1783
WEBS 3-18=-521/81, 4-18=-1716/98, 4-17=0/1203, 6-20=-501/111, 15-20=0/458, 7-20=-448/151, 9-20=-1535/149, 9-14=0/473, 10-14=-402/60, 17-20=-1505/63

NOTES- (12-13)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=40ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 2-5-6, Interior(1) 2-5-6 to 16-6-5, Exterior(2) 16-6-5 to 22-1-6, Interior(1) 22-1-6 to 22-11-11, Exterior(2) 22-11-11 to 28-6-11, Interior(1) 28-6-11 to 41-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) 150.0lb AC unit load placed on the bottom chord, 26-4-8 from left end, supported at two points, 4-0-0 apart.
4) Provide adequate drainage to prevent water ponding.
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 3x6 MT20 unless otherwise indicated.
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
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, 18, 11.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) TRUSSES IN THIS JOB COMPLY WITH
13) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963662
J182286	A03	Piggyback Base	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:22 2018 Page 1
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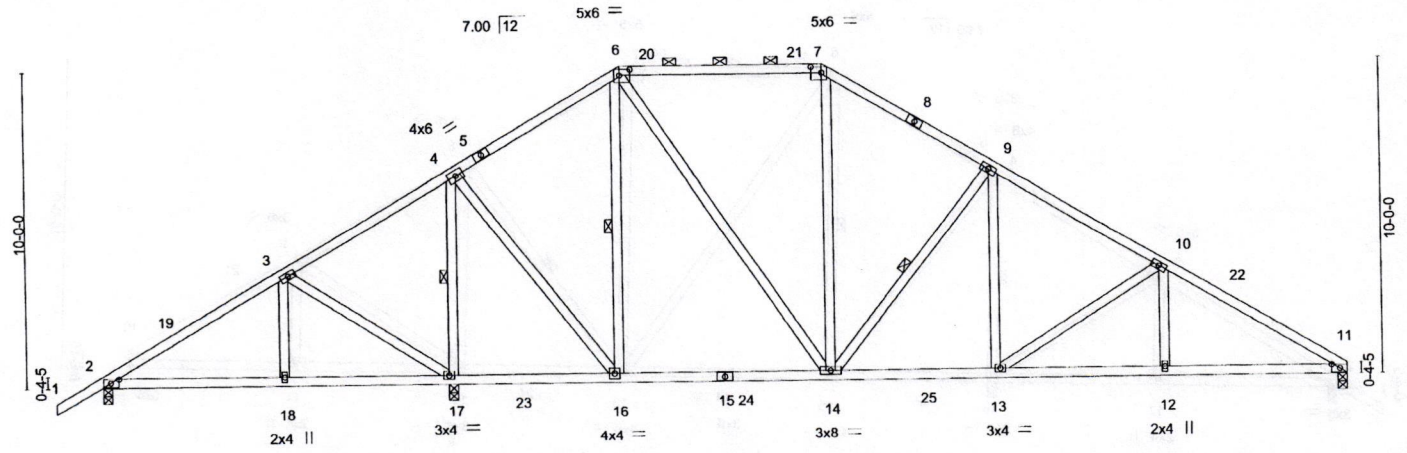
-1-6-0	5-9-11	11-1-12	16-6-5	22-11-11	28-4-4	33-8-5	39-6-0
1-6-0	5-9-11	5-4-1	5-4-9	6-5-5	5-4-9	5-4-1	5-9-11

Scale = 1:67.9



5-9-11	11-1-12	16-6-5	22-11-11	28-4-4	33-8-5	39-6-0
5-9-11	5-4-1	5-4-9	6-5-5	5-4-9	5-4-1	5-9-11

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.63	Vert(LL)	-0.07	14-16	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.45	Vert(CT)	-0.22	14-16	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.49	Horz(CT)	0.06	11	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 222 lb	FT = 20%

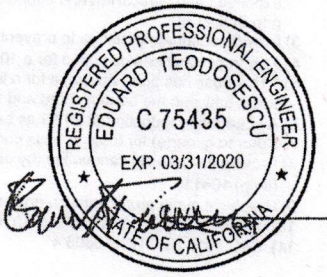
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G *Except*
6-14: 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-4 oc purlins, except
2-0-0 oc purlins (5-5-3 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-17, 6-16, 9-14

REACTIONS. (lb/size) 2=403/0-3-8, 17=1997/0-3-8, 11=1163/0-3-8
Max Horz 2=210(LC 11)
Max Uplift 2=-75(LC 12), 17=-118(LC 12), 11=-70(LC 12)
Max Grav 2=458(LC 21), 17=2045(LC 17), 11=1174(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-334/86, 3-4=0/467, 4-6=-586/195, 6-7=-835/244, 7-9=-1038/236, 9-10=-1497/217, 10-11=-1934/194
BOT CHORD 16-17=-391/123, 14-16=0/464, 13-14=-27/1184, 12-13=-98/1594, 11-12=-98/1594
WEBS 3-17=-522/81, 4-17=-1629/202, 4-16=-31/1133, 6-16=-735/100, 6-14=-77/712, 9-14=-678/139, 9-13=0/404, 10-13=-490/104

NOTES- (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=40ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 2-5-6, Interior(1) 2-5-6 to 16-6-5, Exterior(2) 16-6-5 to 22-1-6, Interior(1) 22-1-6 to 22-11-11, Exterior(2) 22-11-11 to 28-4-4, Interior(1) 28-4-4 to 39-4-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are 3x6 MT20 unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) A plate rating reduction of 20% has been applied for the green lumber members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 11 except (jt=lb) 17=118.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4



October 29,2018

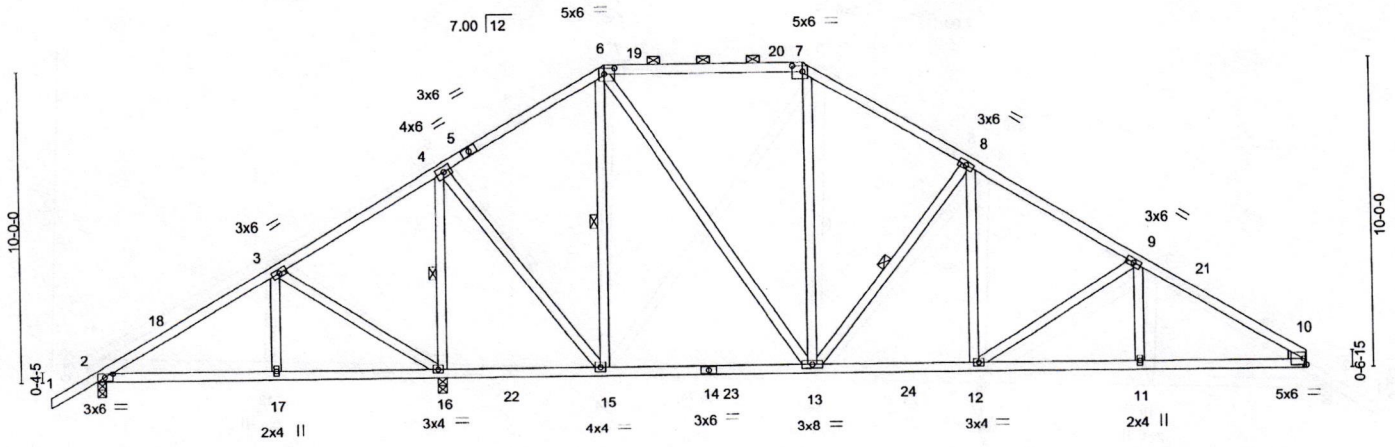
MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963663
J182286	A04	Piggyback Base	3	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:23 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-Uh5vcNEmTgScNtS4ofEBSOQ20zLkhAHjCNlxJUyObhw

1-6-0	5-9-11	11-1-12	16-6-5	22-11-11	28-4-4	33-8-5	39-1-8
1-6-0	5-9-11	5-4-1	5-4-9	6-5-5	5-4-9	5-4-1	5-5-3

Scale = 1:69.0



5-9-11	11-1-12	16-6-5	22-11-11	28-4-4	33-8-5	39-1-8
5-9-11	5-4-1	5-4-9	6-5-5	5-4-9	5-4-1	5-5-3

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [6:0-4-0,0-2-4], [7:0-4-0,0-2-4], [10:0-0-9,0-0-5], [10:0-5-1,0-0-10]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.63	Vert(LL)	-0.07	13-15	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.42	Vert(CT)	-0.21	13-15	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.48	Horz(CT)	0.05	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 221 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G *Except*
6-13: 2X4 DF No.2 G

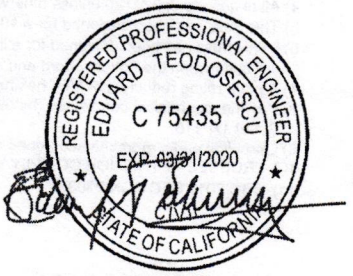
WEDGE
Right: 2x4 DF Std -G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-1-3 oc purlins, except 2-0-0 oc purlins (5-5-3 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 4-16, 6-15, 8-13

REACTIONS. (lb/size) 2=421/0-3-8, 16=1960/0-3-8, 10=1156/Mechanical
Max Horz 2=210(LC 11)
Max Uplift 2=-76(LC 12), 16=-115(LC 12), 10=-70(LC 12)
Max Grav 2=469(LC 21), 16=2013(LC 17), 10=1168(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-355/52, 3-4=0/436, 4-6=-598/197, 6-7=-832/243, 7-8=-1035/236, 8-9=-1472/214, 9-10=-1873/189
BOT CHORD 15-16=-365/120, 13-15=0/473, 12-13=-26/1164, 11-12=-92/1520, 10-11=-92/1520
WEBS 3-16=-521/81, 4-16=-1597/199, 4-15=-28/1101, 6-15=-710/97, 6-13=-74/689, 8-13=-652/137, 8-12=0/373, 9-12=-436/99

NOTES- (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=39ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 2-4-15, Interior(1) 2-4-15 to 16-6-5, Exterior(2) 16-6-5 to 22-0-12, Interior(1) 22-0-12 to 22-11-11, Exterior(2) 22-11-11 to 28-4-4, Interior(1) 28-4-4 to 39-0-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10 except (jt=lb) 16=115.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4



October 29,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

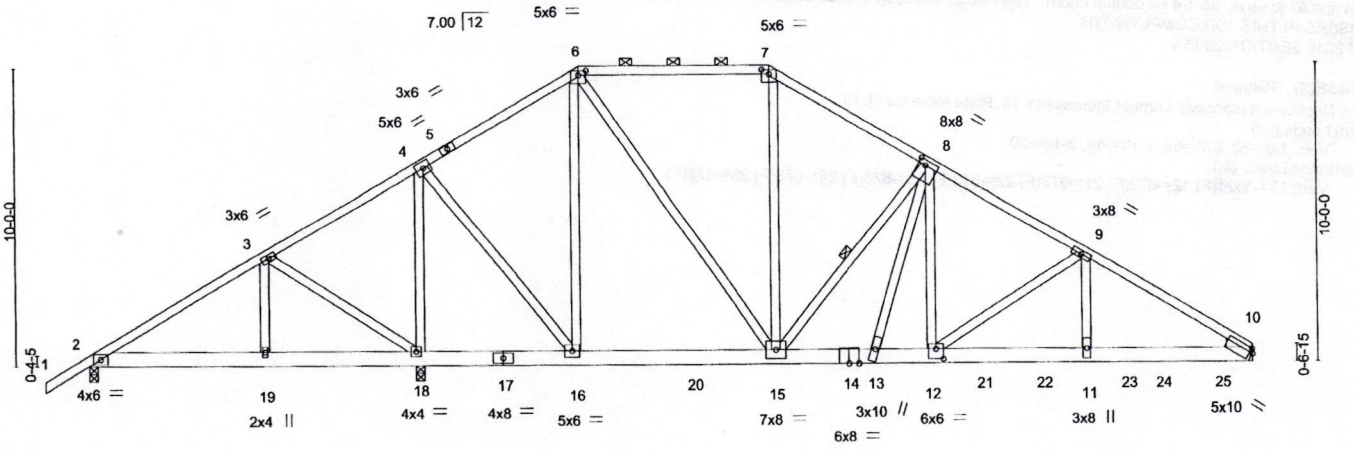
Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963664
J182286	A05	Piggyback Base Girder	1	2	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:25 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-Q4Df13F0?liKdBcTw4HfXpVl0myL8zb0fhE2ONyObhu

1-6-0	5-11-6	11-1-12	16-6-5	22-11-11	28-4-4	33-6-10	39-1-8
1-6-0	5-11-6	5-2-6	5-4-9	6-5-5	5-4-9	5-2-6	5-6-14

Scale = 1:71.9



5-11-6	11-1-12	16-6-5	22-11-11	26-5-8	28-4-4	33-6-10	39-1-8
5-11-6	5-2-6	5-4-9	6-5-5	3-5-13	1-10-12	5-2-6	5-6-14

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.12	11-12	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.67	Vert(CT)	-0.39	11-12	>868	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.94	Horz(CT)	0.07	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 516 lb	FT = 20%

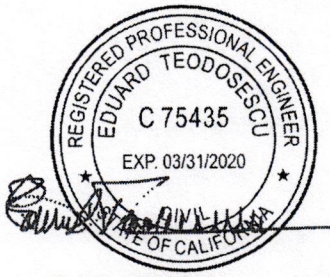
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X6 DF SS G
WEBS 2X4 DF Std G *Except*
6-15: 2X4 DF No.2 G
WEDGE
Right: 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied, except 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 8-15

REACTIONS. (lb/size) 10=5975/Mechanical, 2=-34/0-3-8, 18=4958/0-3-8
Max Horz 2=210(LC 7)
Max Uplift 10=-470(LC 8), 2=-362(LC 25), 18=-417(LC 8)
Max Grav 10=5975(LC 1), 2=429(LC 13), 18=4958(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-312/968, 3-4=-70/1268, 4-6=-1554/246, 6-7=-3447/445, 7-8=-4117/483, 8-9=-7306/710, 9-10=-9458/786
BOT CHORD 2-19=-796/346, 18-19=-796/346, 16-18=-1019/191, 15-16=-35/1299, 13-15=-548/7059, 12-13=-458/6281, 11-12=-605/7974, 10-11=-605/7974
WEBS 3-18=-488/85, 4-18=-4508/426, 4-16=-240/3614, 6-16=-2787/272, 6-15=-352/3818, 7-15=-135/1624, 8-15=-5610/598, 8-13=-304/2557, 8-12=-200/3135, 9-12=-2085/180, 9-11=-58/2085

NOTES- (13-14)
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 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-3-0 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 roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=39ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) A plate rating reduction of 20% has been applied for the green lumber members.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 10=470, 2=362, 18=417.
11) Graphical representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



October 29,2018

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NOTES- (13-14)

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 3324 lb down and 395 lb up at 26-5-8, 673 lb down and 52 lb up at 28-1-4, 673 lb down and 52 lb up at 30-1-4, 673 lb down and 52 lb up at 32-1-4, 673 lb down and 52 lb up at 34-1-4, and 673 lb down and 52 lb up at 36-1-4, and 673 lb down and 52 lb up at 38-1-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) TRUSSES IN THIS JOB COMPLY WITH
14) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-6=-68, 6-7=-68, 7-10=-68, 2-10=-20
   Concentrated Loads (lb)
   Vert: 13=-3324(F) 12=-673(F) 21=-673(F) 22=-673(F) 23=-673(F) 24=-673(F) 25=-673(F)

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963665
J182286	A06	Piggyback Base	8	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:26 2018 Page 1
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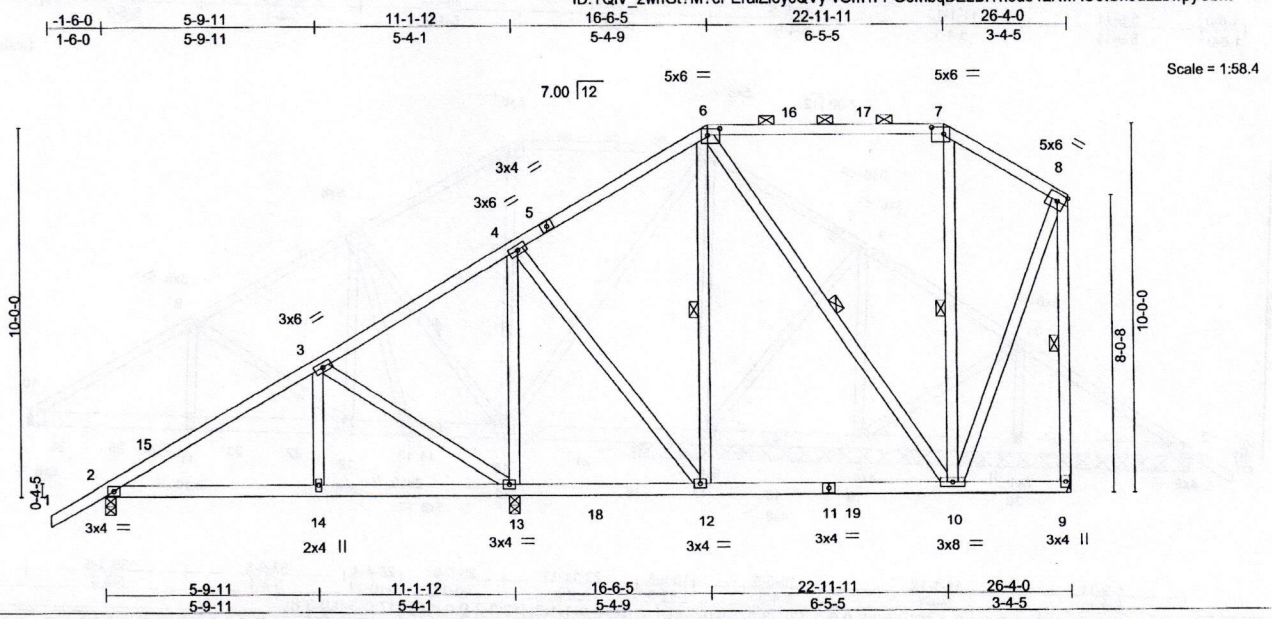

Plate Offsets (X,Y)-- [6:0-4-0,0-2-4], [7:0-4-0,0-2-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.71	Vert(LL)	-0.06	10-12	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	-0.15	10-12	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.01	9	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 173 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G *Except*
6-10: 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 6-12, 6-10, 7-10, 8-9

REACTIONS. (lb/size) 2=549/0-3-8, 13=1234/0-3-8, 9=621/Mechanical
Max Horz 2=329(LC 11)
Max Uplift 2=-75(LC 12), 13=-75(LC 12), 9=-45(LC 9)
Max Grav 2=551(LC 21), 13=1333(LC 17), 9=621(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-526/60, 3-4=-136/255, 4-6=-415/174, 6-7=-264/179, 7-8=-317/186, 8-9=-628/114
BOT CHORD 2-14=-194/472, 13-14=-194/472, 10-12=-135/282
WEBS 3-13=-518/84, 4-13=-923/186, 4-12=-16/480, 7-10=-271/145, 8-10=-100/503

NOTES- (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 16-6-5, Exterior(2) 16-6-5 to 20-9-4, Interior(1) 20-9-4 to 22-11-11, Exterior(2) 22-11-11 to 26-2-4 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 13, 9.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4

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EXP. 03/31/2020
STATE OF CALIFORNIA

October 29,2018

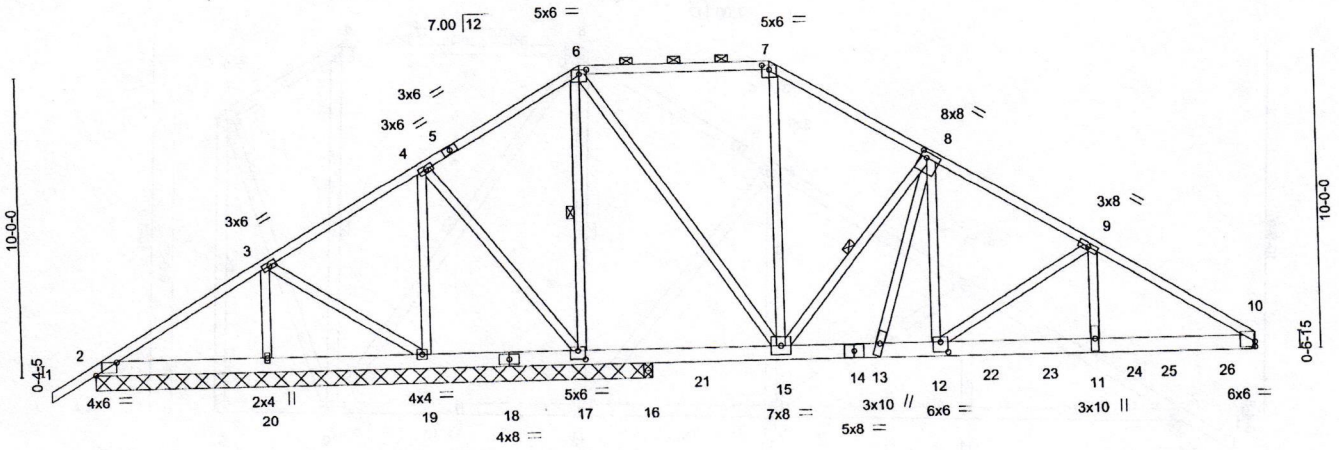
MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963666
J182286	A07	Piggyback Base Girder	1	2	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:28 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-rfunf4luID4vUeL2bCqM9S7vw_0vLN6SMfSi?iyObhr

1-6-0	5-9-11	11-1-12	16-6-5	22-11-11	28-4-4	33-8-5	39-1-8
1-6-0	5-9-11	5-4-1	5-4-9	6-5-5	5-4-9	5-4-1	5-5-3

Scale = 1:71.9



5-9-11	11-1-12	16-6-5	18-5-8	22-11-11	26-5-8	28-4-4	33-8-5	39-1-8
5-9-11	5-4-1	5-4-9	1-11-3	4-6-3	3-5-13	1-10-12	5-4-1	5-5-3

Plate Offsets (X,Y)— [2:0-8-8,Edge], [6:0-3-0,0-1-12], [7:0-3-0,0-1-12], [8:0-2-8,0-2-4], [10:0-0-0,0-1-15], [12:0-3-0,0-4-0], [17:0-3-0,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	0.11	11-12	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.55	Vert(CT)	-0.29	11-12	>841	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.76	Horz(CT)	0.04	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 514 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X6 DF SS G
WEBS 2X4 DF Std G *Except*
6-15: 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-4-5 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except: 10-0-0 oc bracing: 13-15,12-13.
WEBS 1 Row at midpt 6-17, 8-15

REACTIONS. All bearings 18-9-0 except (jt=length) 10=Mechanical, 16=0-3-8.
(lb) - Max Horz 2=210(LC 24)
Max Uplift All uplift 100 lb or less at joint(s) except 10=-2663(LC 26), 2=-1172(LC 25), 20=-1413(LC 35), 19=-484(LC 25), 17=-1518(LC 26), 16=-122(LC 26)
Max Grav All reactions 250 lb or less at joint(s) except 10=4694(LC 38), 2=1334(LC 22), 20=1806(LC 22), 19=776(LC 22), 17=5006(LC 1), 16=570(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2453/2461, 3-4=-2523/2819, 4-6=-2105/2658, 6-7=-1628/1163, 7-8=-2521/1871, 8-9=-5279/3344, 9-10=-7486/4728
BOT CHORD 2-20=-2057/2079, 19-20=-1070/1062, 17-19=-1458/1254, 16-17=-1300/1018, 15-16=-1092/783, 13-15=-1463/4868, 12-13=-1757/4166, 11-12=-2865/5983, 10-11=-3879/6331
WEBS 3-20=-1661/1541, 3-19=-1649/1513, 4-19=-1416/1432, 4-17=-1384/1213, 6-17=-4772/726, 6-15=-891/4487, 7-15=-346/491, 8-15=-5337/755, 8-13=-255/2296, 8-12=-478/3101, 9-12=-2197/503, 9-11=-296/2104

NOTES- (15-16)
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 0-7-0 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-3-0 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 roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=39ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) A plate rating reduction of 20% has been applied for the green lumber members.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2663 lb uplift at joint 10, 1172 lb uplift at joint 2, 484 lb uplift at joint 20, 484 lb uplift at joint 19, 1518 lb uplift at joint 17 and 122 lb uplift at joint 16.
Continued on page 2

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STATE OF CALIFORNIA

October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct
J182286	A07	Piggyback Base Girder	1	2	R55963666

Job Reference (optional)

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:28 2018 Page 2
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NOTES- (15-16)

11) This truss has been designed for a total drag load of 7393 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 39-1-8 for 189.0 plf.
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) 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.
14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2834 lb down and 330 lb up at 26-5-8, 673 lb down and 117 lb up at 28-1-4, 673 lb down and 117 lb up at 30-1-4, 673 lb down and 117 lb up at 32-1-4, 673 lb down and 117 lb up at 34-1-4, and 673 lb down and 117 lb up at 36-1-4, and 673 lb down and 116 lb up at 38-1-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
15) TRUSSES IN THIS JOB COMPLY WITH
16) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-6=-68, 6-7=-68, 7-10=-68, 2-10=-20
   Concentrated Loads (lb)
   Vert: 13=-2834(B) 12=-673(B) 22=-673(B) 23=-673(B) 24=-673(B) 25=-673(B) 26=-673(B)

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

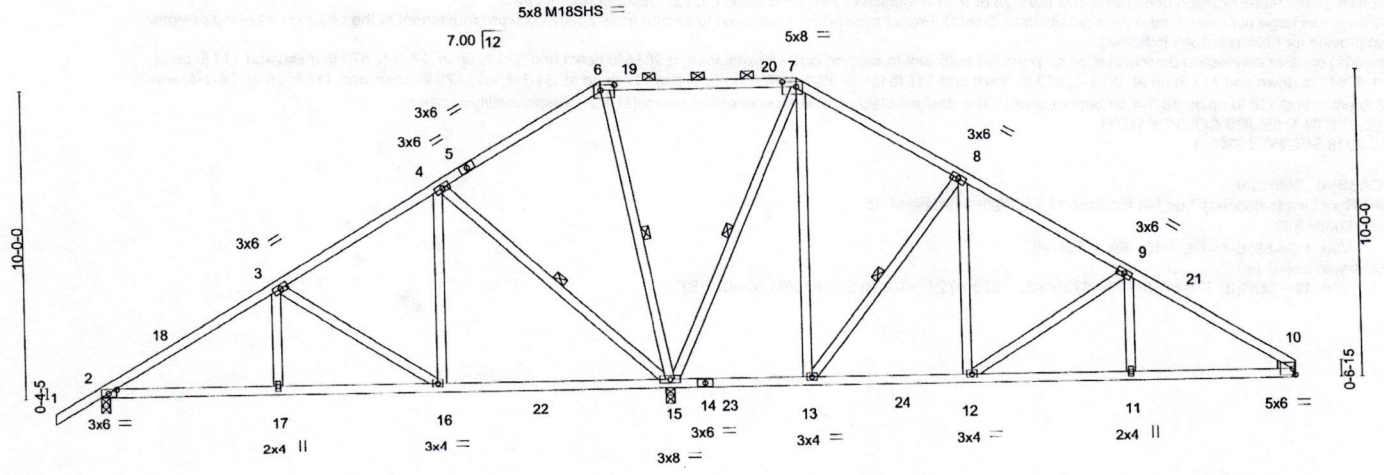
Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963667
J182286	A08	Piggyback Base	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:29 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-JrSAtQIX3WCm5owE9wLbhfg4ZOQ14tmbaJCGX8yObhq

1-6-0	5-9-11	11-1-12	16-6-5	22-11-11	28-4-4	33-8-5	39-1-8
1-6-0	5-9-11	5-4-1	5-4-9	6-5-5	5-4-9	5-4-1	5-5-3

Scale = 1:69.9



5-9-11	11-1-12	18-7-4	22-11-11	28-4-4	33-8-5	39-1-8
5-9-11	5-4-1	7-5-8	4-4-7	5-4-9	5-4-1	5-5-3

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [6:0-5-8,0-2-0], [7:0-5-8,0-2-0], [10:0-0-9,0-0-5], [10:0-5-1,0-0-10]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	-0.06	15-16	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	-0.18	15-16	>999	180	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.54	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 222 lb	FT = 20%

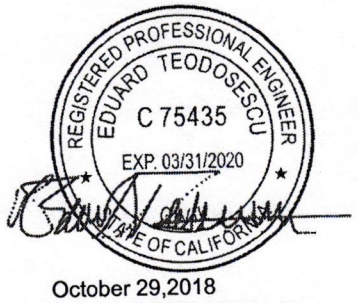
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G *Except*
7-15: 2X4 DF No.2 G
WEDGE
Right: 2x4 DF Std -G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-4 oc purlins, except
2-0-0 oc purlins (10-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 15-16,13-15.
WEBS 1 Row at midpt 4-15, 6-15, 7-15, 8-13

REACTIONS. (lb/size) 2=605/0-3-8, 15=2327/0-3-8, 10=604/Mechanical
Max Horz 2=210(LC 11)
Max Uplift 2=-84(LC 12), 15=-143(LC 12), 10=-35(LC 12)
Max Grav 2=674(LC 21), 15=2327(LC 1), 10=674(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-746/49, 3-4=-270/139, 4-6=0/656, 6-7=0/632, 7-8=-58/277, 8-9=-515/111, 9-10=-961/87
BOT CHORD 2-17=-35/564, 16-17=-35/564, 13-15=-315/160, 12-13=0/363, 11-12=-8/756, 10-11=-8/756
WEBS 3-16=-507/87, 4-16=0/471, 4-15=-769/127, 6-15=-694/108, 7-15=-1192/148, 7-13=-54/681, 8-13=-687/134, 8-12=0/415, 9-12=-476/106

NOTES- (11-12)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=39ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 2-4-15, Interior(1) 2-4-15 to 16-6-5, Exterior(2) 16-6-5 to 22-0-12, Interior(1) 22-0-12 to 22-11-11, Exterior(2) 22-11-11 to 28-4-4, Interior(1) 28-4-4 to 39-0-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) All plates are MT20 plates unless otherwise indicated.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
7) A plate rating reduction of 20% has been applied for the green lumber members.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 84 lb uplift at joint 2, 143 lb uplift at joint 15 and 35 lb uplift at joint 10.
10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
11) TRUSSES IN THIS JOB COMPLY WITH
12) CBC 2016 SECTION 2303.4



October 29,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963668
J182286	A09	Monopitch	4	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:30 2018 Page 1
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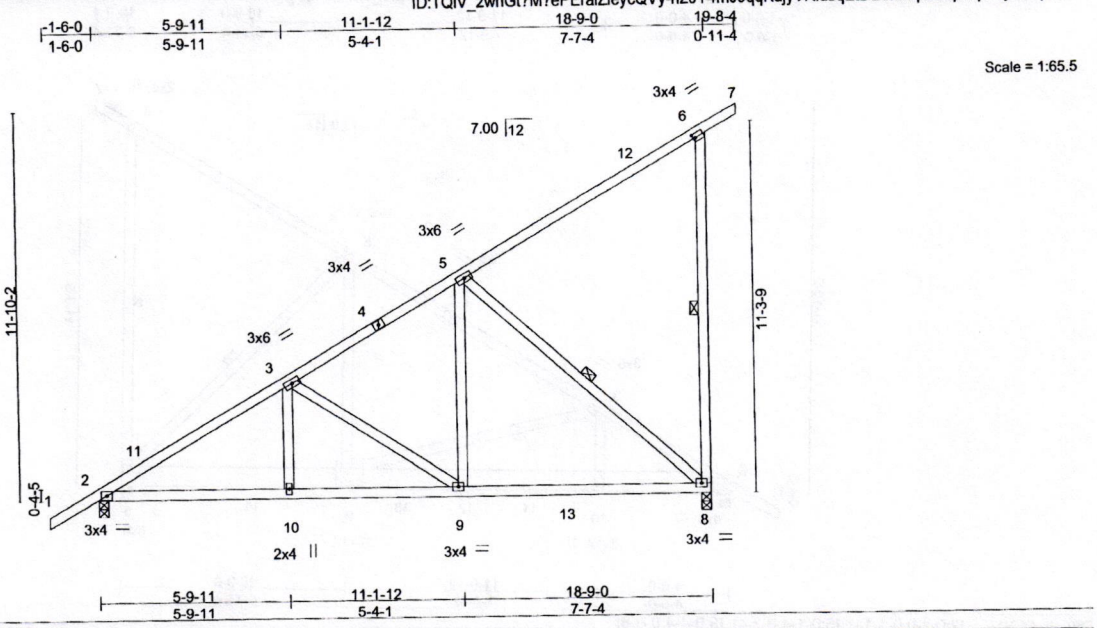


Plate Offsets (X,Y)-- [6:0-0-13,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.60	Vert(LL)	-0.09	8-9	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.43	Vert(CT)	-0.27	8-9	>824	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.39	Horz(CT)	0.03	8	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 107 lb	FT = 20%

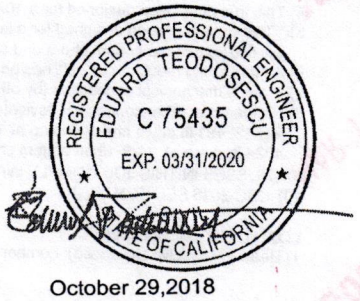
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G *Except*
6-8: 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-2-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-8, 5-8

REACTIONS. (lb/size) 8=883/0-3-8, 2=927/0-3-8
Max Horz 2=385(LC 12)
Max Uplift 8=-194(LC 12)
Max Grav 8=947(LC 17), 2=927(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1223/0, 3-5=-776/0, 6-8=-297/158
BOT CHORD 2-10=-175/1019, 9-10=-175/1019, 8-9=-107/665
WEBS 3-9=-456/81, 5-9=0/474, 5-8=-866/138

NOTES- (6-7)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 19-8-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 194 lb uplift at joint 8.
6) TRUSSES IN THIS JOB COMPLY WITH
7) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963669
J182286	A10	Monopitch Girder	1	2	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:31 2018 Page 1
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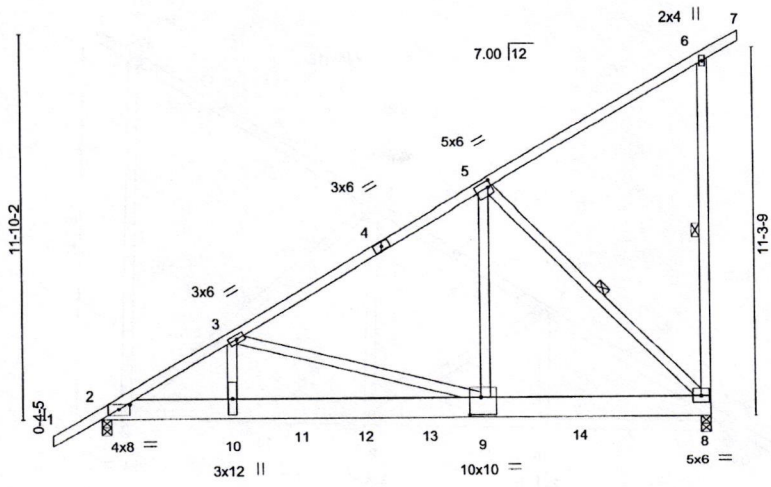
-1-6-0	4-0-0	11-9-12	18-9-0	19-8-4
1-6-0	4-0-0	7-9-12	6-11-4	0-11-4

Scale = 1:65.7



4-0-0	11-9-12	18-9-0
4-0-0	7-9-12	6-11-4

Plate Offsets (X,Y)-- [2:0-4-0,0-1-11], [5:0-1-4,0-2-4], [9:0-4-4,0-6-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.51	Vert(LL)	-0.09	9-10	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.52	Vert(CT)	-0.31	9-10	>709	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.91	Horz(CT)	0.04	8	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 270 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X8 DF SS G
WEBS 2X4 DF Std G *Except*
6-8,5-9: 2X4 DF No.2 G

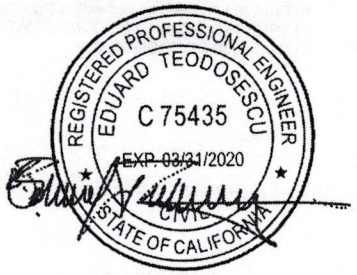
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 6-8, 5-8

REACTIONS. (lb/size) 8=3906/0-3-8, 2=3707/0-3-8
Max Horz 2=419(LC 18)
Max Uplift 2=-25(LC 8)
Max Grav 8=4285(LC 2), 2=3751(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-7206/0, 3-5=-4816/0, 5-6=-253/121, 6-8=-268/115
BOT CHORD 2-10=-106/6306, 9-10=-106/6306, 8-9=0/4070
WEBS 3-10=-275/1639, 3-9=-2529/484, 5-9=0/5945, 5-8=-5737/0

NOTES- (9-10)
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 0-7-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 5-9 2x4 - 1 row at 0-4-0 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) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 2.
8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 816 lb down and 173 lb up at 4-0-12, 491 lb down and 108 lb up at 6-0-12, 491 lb down and 108 lb up at 8-0-12, and 491 lb down and 108 lb up at 10-0-12, and 4324 lb down at 11-9-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
9) TRUSSES IN THIS JOB COMPLY WITH
10) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15



October 29,2018

Continued on page 2

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

LOAD CASE(S) Standard

Uniform Loads (plf)

Vert: 1-6=-68, 6-7=-68, 2-8=-20

Concentrated Loads (lb)

Vert: 10=-816(F) 9=-3513(F) 11=-491(F) 12=-491(F) 13=-491(F)

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963670
J182286	A11	Monopitch	5	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:31 2018 Page 1
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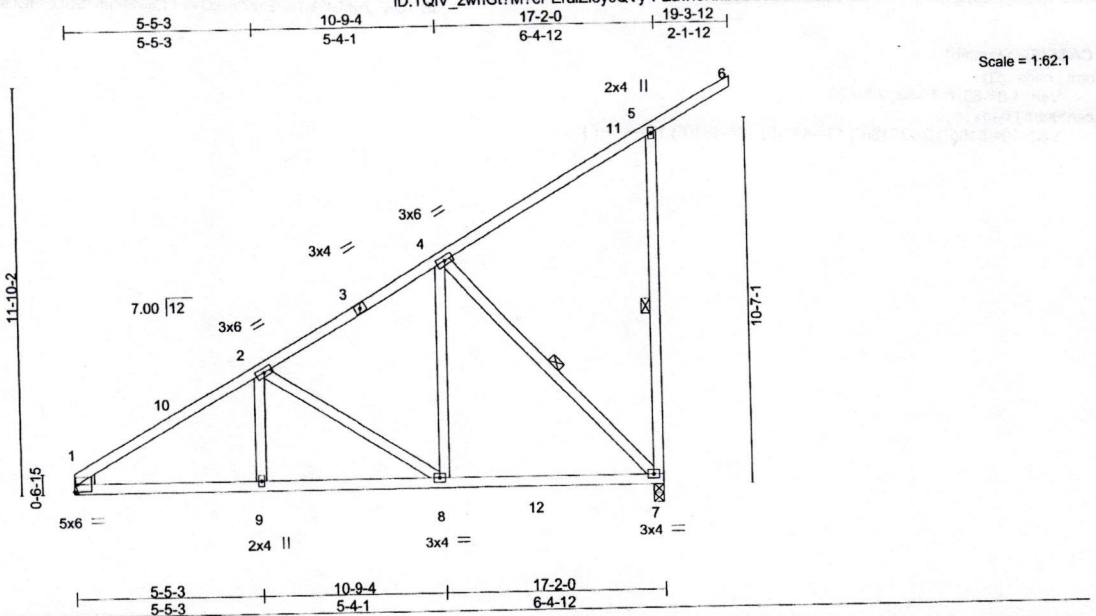

Plate Offsets (X,Y)-- [1:0-0-9,0-0-5], [1:0-5-1,0-0-10]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.37	Vert(LL)	-0.04	7-8	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.33	Vert(CT)	-0.14	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 101 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G
WEDGE
Left: 2x4 DF Std -G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-7, 4-7

REACTIONS. (lb/size) 7=913/0-3-8, 1=736/Mechanical
Max Horz 1=358(LC 12)
Max Uplift 7=-252(LC 12)
Max Grav 7=962(LC 17), 1=736(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1071/0, 2-4=-636/0, 5-7=-366/238
BOT CHORD 1-9=-171/893, 8-9=-171/893, 7-8=-82/521
WEBS 2-8=-460/116, 4-8=0/440, 4-7=-747/120

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-0-12 to 3-0-12, Interior(1) 3-0-12 to 19-3-12 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 252 lb uplift at joint 7.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4

October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963671
J182286	A12	Monopitch	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:32 2018 Page 1
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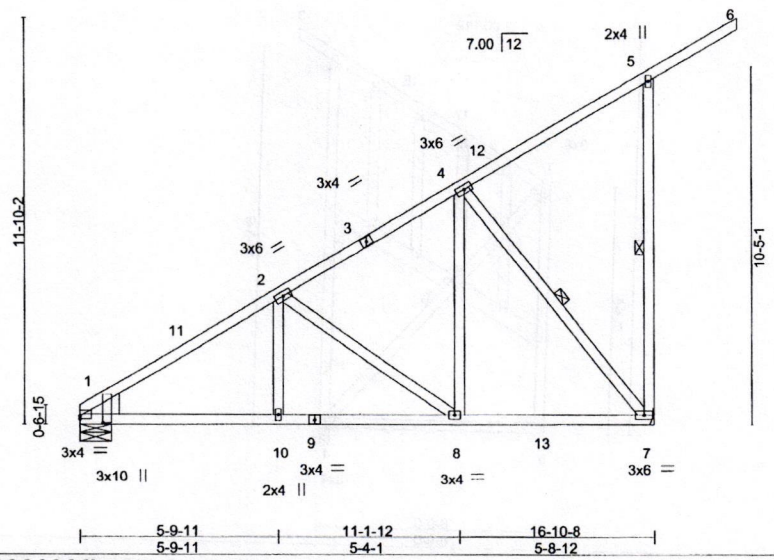


Plate Offsets (X,Y)-- [1:0-0-0,0-0-15], [1:0-2-6,0-8-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.44	Vert(LL)	-0.03	7-8	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	-0.11	1-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.33	Horz(CT)	0.02	7	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 103 lb	FT = 20%

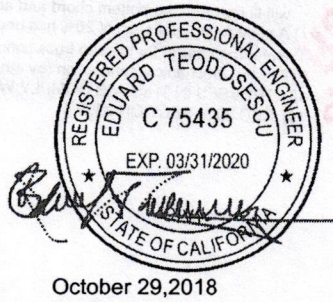
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G
WEDGE
Left: 2x8 DF No.2 -G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-8-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-7, 4-7

REACTIONS. (lb/size) 7=911/Mechanical, 1=708/0-11-0
Max Horz 1=361(LC 12)
Max Uplift 7=-268(LC 12)
Max Grav 7=957(LC 17), 1=708(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-991/0, 2-4=-559/0, 5-7=-378/259
BOT CHORD 1-10=-165/809, 8-10=-165/809, 7-8=-71/442
WEBS 2-8=-468/127, 4-8=-0/434, 4-7=-692/113

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-4-0 to 3-4-0, Interior(1) 3-4-0 to 19-3-12 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 268 lb uplift at joint 7.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

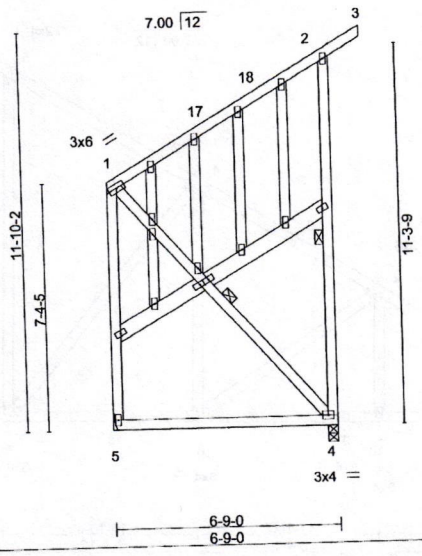
MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963672
J182286	A13	GABLE	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:33 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-BdigjoM17liCaQD?OmQYsVqjV?lk0ouBVwATgvyObhm

6-9-0 7-8-4
6-9-0 0-11-4

Scale: 3/16"=1'



6-9-0
6-9-0

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

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.76	Vert(LL)	-0.09	4-5	>849	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.44	Vert(CT)	-0.27	4-5	>283	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.08	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 96 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G *Except*
2-4: 2X4 DF No.2 G, 6-7,7-8: 2X6 DF No.2 G
OTHERS 2X4 DF Std 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.
WEBS 1 Row at midpt 2-4, 1-4

REACTIONS. (lb/size) 4=364/0-3-8, 5=278/Mechanical
Max Horz 5=139(LC 12)
Max Uplift 4=-258(LC 12)
Max Grav 4=395(LC 17), 5=278(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-4=-302/193
WEBS 1-4=-203/262

NOTES- (10-11)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 7-8-4 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
3) All plates are 2x4 MT20 unless otherwise indicated.
4) Gable studs spaced at 1-4-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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 2-0-0 wide will fit between the bottom chord and any other members.
7) A plate rating reduction of 20% has been applied for the green lumber members.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 258 lb uplift at joint 4.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4

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EXP. 03/31/2020
STATE OF CALIFORNIA

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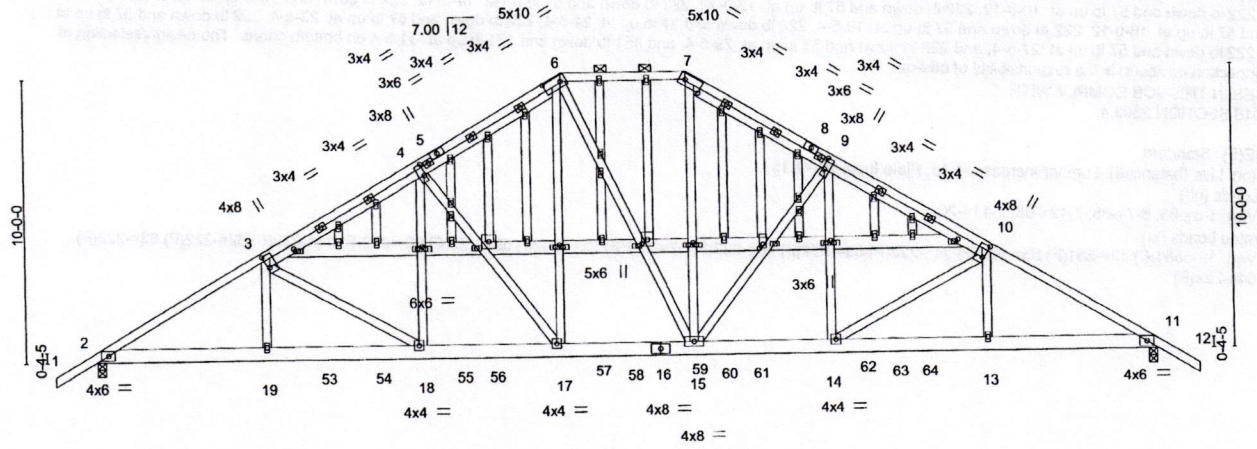
Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963673
J162286	B01	GABLE	1	2	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:37 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-4OxBY9PYA_Cd31XndbUU0L?Uxc4?yVBnQY8hpgyObhi

1-6-0	6-0-0	11-6-0	16-6-5	20-11-11	26-0-0	31-6-0	37-6-0	39-0-0
1-6-0	6-0-0	5-6-0	5-0-5	4-5-5	5-0-5	5-6-0	6-0-0	1-6-0

Scale = 1:75.7



6-0-0	11-6-0	16-6-5	20-11-11	26-0-0	31-6-0	37-6-0
6-0-0	5-6-0	5-0-5	4-5-5	5-0-5	5-6-0	6-0-0

Plate Offsets (X,Y)-- [3:0-5-8,0-0-12], [4:0-5-0,0-0-12], [6:0-7-8,0-2-8], [7:0-7-8,0-2-8], [9:0-5-0,0-0-12], [10:0-5-8,0-0-12], [20:0-2-0,0-0-12], [21:0-1-8,0-1-0], [23:0-1-8,0-1-0], [24:0-1-11,0-1-0], [25:0-1-8,0-1-0], [26:0-1-12,0-1-8], [27:0-1-8,0-1-0], [28:0-2-0,0-0-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.41	Vert(LL)	-0.10	18-19	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.61	Vert(CT)	-0.35	18-19	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.45	Horz(CT)	0.14	11	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 751 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X6 DF No.2 G
WEBS 2X4 DF Std G *Except*
6-15: 2X4 DF No.2 G
20-21,21-22,22-23,23-24,24-25,25-26,26-27,27-28: 2X6 DF No.2 G
OTHERS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-8 oc purlins, except 2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=3635/0-3-8, 11=3635/0-3-8
Max Horz 2=-215(LC 23)
Max Uplift 2=-548(LC 8), 11=-548(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-6760/979, 3-4=-5538/876, 4-6=-4438/774, 6-7=-3679/683, 7-9=-4451/776, 9-10=-5533/875, 10-11=-6762/979
BOT CHORD 2-19=-747/5802, 18-19=-746/5785, 17-18=-558/4705, 15-17=-358/3666, 14-15=-557/4700, 13-14=-746/5787, 11-13=-748/5804
WEBS 3-19=-65/810, 3-18=-1268/221, 4-18=-195/1416, 4-17=-1730/334, 6-17=-328/2009, 7-15=-331/2029, 9-15=-1700/329, 9-14=-191/1388, 10-14=-1275/222, 10-13=-66/817

NOTES- (15-16)
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: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) 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.
6) Provide adequate drainage to prevent water ponding.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable studs spaced at 1-4-0 oc.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * 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 2-0-0 wide will fit between the bottom chord and any other members.
11) A plate rating reduction of 20% has been applied for the green lumber members.

Continued on page 2

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NOTES- (15-16)

12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 548 lb uplift at joint 2 and 548 lb uplift at joint 11.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 551 lb down and 121 lb up at 6-0-0, 222 lb down and 57 lb up at 8-0-12, 222 lb down and 57 lb up at 10-0-12, 222 lb down and 57 lb up at 12-0-12, 222 lb down and 57 lb up at 14-0-12, 222 lb down and 57 lb up at 16-0-12, 222 lb down and 57 lb up at 18-0-12, 222 lb down and 57 lb up at 19-5-4, 222 lb down and 57 lb up at 21-5-4, 222 lb down and 57 lb up at 23-5-4, 222 lb down and 57 lb up at 25-5-4, 222 lb down and 57 lb up at 27-5-4, and 222 lb down and 57 lb up at 29-5-4, and 551 lb down and 121 lb up at 31-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
15) TRUSSES IN THIS JOB COMPLY WITH
16) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-6=-68, 6-7=-68, 7-12=-68, 2-11=-20
   Concentrated Loads (lb)
   Vert: 19=-551(F) 13=-551(F) 53=-222(F) 54=-222(F) 55=-222(F) 56=-222(F) 57=-222(F) 58=-222(F) 59=-222(F) 60=-222(F) 61=-222(F) 62=-222(F) 63=-222(F) 64=-222(F)

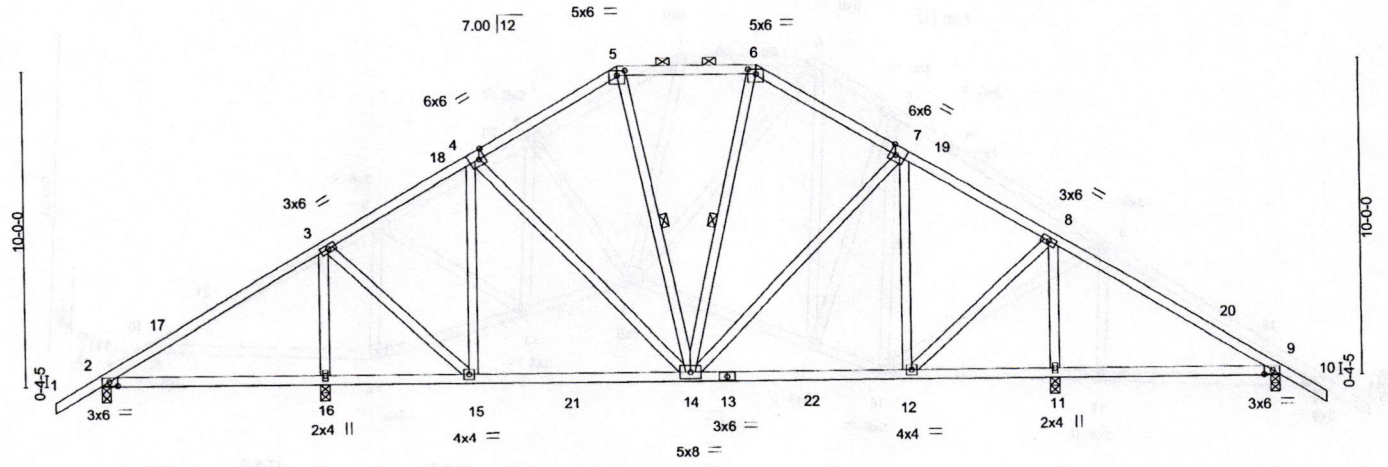
Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963674
J182286	B02	Piggyback Base	3	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:39 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-0m3yzrQoibTLILh9k0Xy5m4obQpDQNa4tsdntZyObhg

1-6-0	7-1-12	11-10-1	16-6-5	20-11-11	25-7-15	30-4-4	37-6-0	39-0-0
1-6-0	7-1-12	4-8-5	4-8-5	4-5-5	4-8-5	4-8-5	7-1-12	1-6-0

Scale = 1:68.1



7-1-12	11-10-1	18-9-0	25-7-15	30-4-4	37-6-0
7-1-12	4-8-5	6-10-15	6-10-15	4-8-5	7-1-12

Plate Offsets (X,Y)-- [2:0-3-3,0-1-8], [4:0-2-4,Edge], [5:0-3-0,0-1-12], [6:0-3-0,0-1-12], [7:0-2-4,Edge], [9:0-3-3,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.52	Vert(LL)	-0.06	2-16	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.37	Vert(CT)	-0.21	2-16	>408	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.02	9	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 211 lb	FT = 20%

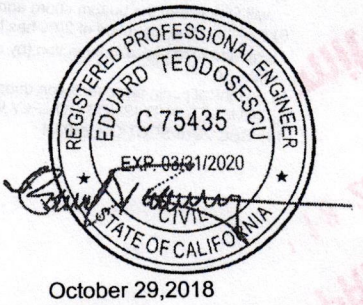
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-14 oc purlins, except
2-0-0 oc purlins (6-0-0 max.): 5-6.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
10-0-0 oc bracing: 14-15.
WEBS 1 Row at midpt 5-14, 6-14

REACTIONS. All bearings 0-3-8.
(lb) - Max Horz 2=-215(LC 30)
Max Uplift All uplift 100 lb or less at joint(s) except 2=-505(LC 33), 16=-638(LC 33), 11=-638(LC 34), 9=-505(LC 34)
Max Grav All reactions 250 lb or less at joint(s) except 2=607(LC 42), 16=1457(LC 30), 11=1400(LC 31), 9=651(LC 31)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-884/862, 3-4=-1288/818, 4-5=-1209/732, 5-6=-761/374, 6-7=-1209/737, 7-8=-1288/821, 8-9=-864/827
BOT CHORD 2-16=-740/769, 15-16=-292/299, 14-15=-190/660, 12-14=-168/590, 11-12=-233/274, 9-11=-680/771
WEBS 3-16=-1585/747, 3-15=-526/1036, 4-15=-601/418, 4-14=-348/383, 7-14=-344/412, 7-12=-600/412, 8-12=-518/1029, 8-11=-1592/736

NOTES- (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 2-3-0, Interior(1) 2-3-0 to 16-6-5, Exterior(2) 16-6-5 to 26-3-5, Interior(1) 26-3-5 to 39-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 505 lb uplift at joint 2, 638 lb uplift at joint 16, 638 lb uplift at joint 11 and 505 lb uplift at joint 9.
8) This truss has been designed for a total drag load of 2662 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 37-6-0 for 71.0 plf.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4



October 29,2018

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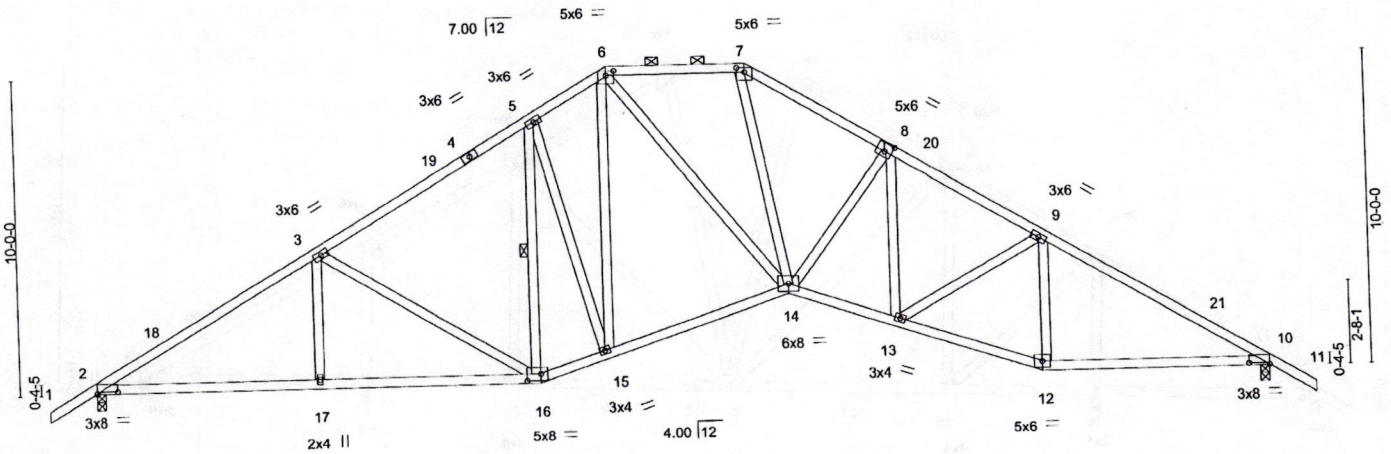
Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963675
J182286	B03	Piggyback Base	2	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:40 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-UzdKBBRQTvbCwUGMlk2Be_dvhp4R9oND6WMLQ?yObhf

1-6-0	7-1-12	14-2-0	16-6-5	20-11-11	25-7-1	30-2-8	37-6-0	39-0-0
1-6-0	7-1-12	7-0-4	2-4-5	4-5-5	4-7-7	4-7-7	7-3-8	1-6-0

Scale = 1:68.2



7-1-12	14-2-0	16-6-5	22-2-4	25-7-1	30-2-8	37-6-0
7-1-12	7-0-4	2-4-5	5-7-15	3-4-13	4-7-7	7-3-8

Plate Offsets (X,Y)-- [2:0-8-0,0-0-10], [6:0-3-0,0-1-12], [7:0-3-0,0-1-12], [8:0-2-12,0-3-0], [10:0-8-0,0-0-10], [16:0-5-4,0-2-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.82	Vert(LL)	-0.13	14	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.69	Vert(CT)	-0.51	14-15	>883	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.25	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 212 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins, except 2-0-0 oc purlins (3-11-2 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-16

REACTIONS. (lb/size) 2=1749/0-3-8, 10=1749/0-3-8
Max Horz 2=215(LC 11)
Max Uplift 2=-153(LC 12), 10=-153(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2777/253, 3-5=-2142/287, 5-6=-2032/335, 6-7=-2133/301, 7-8=-2760/318, 8-9=-2901/307, 9-10=-2749/258
BOT CHORD 2-17=-107/2285, 16-17=-107/2285, 15-16=-13/1843, 14-15=0/1793, 13-14=-75/2563, 12-13=-134/2370, 10-12=-122/2258
WEBS 3-17=0/327, 3-16=-660/113, 5-15=-287/167, 6-15=-122/406, 6-14=-24/752, 7-14=-46/1054, 8-14=-271/127, 9-13=0/250, 9-12=-607/105

NOTES- (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 2-3-0, Interior(1) 2-3-0 to 16-6-5, Exterior(2) 16-6-5 to 26-3-5, Interior(1) 26-3-5 to 39-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint 2 and 153 lb uplift at joint 10.
8) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
9) TRUSSES IN THIS JOB COMPLY WITH
10) CBC 2016 SECTION 2303.4

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October 29,2018

MiTek
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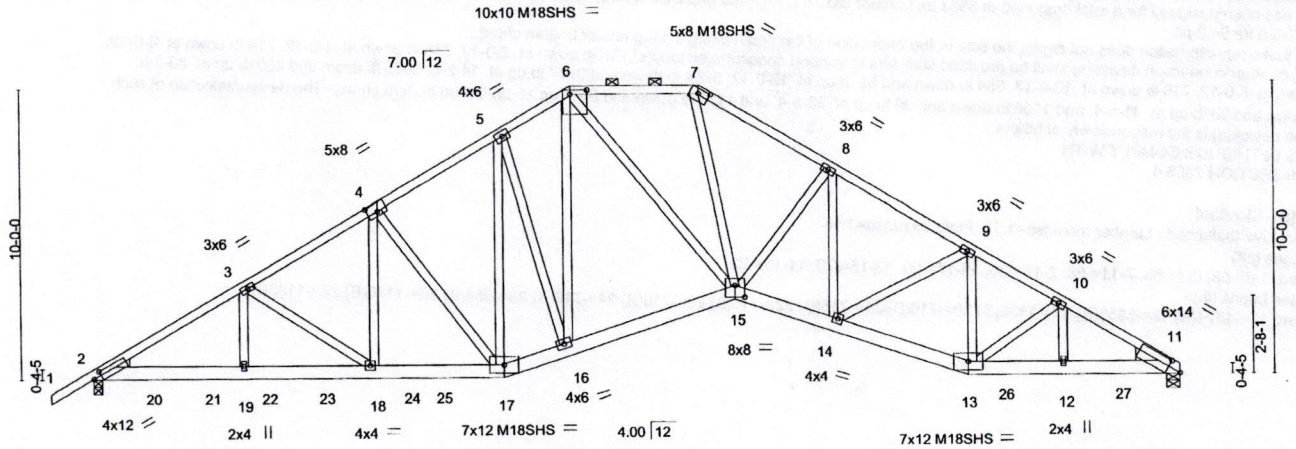
Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963676
J182286	B04	Piggyback Base Girder	1	3	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:43 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-vYISpDTJmqznny_wzsbuFcFNX155MBxfoUb?1KyObhc

1-6-0	5-2-11	9-8-5	14-2-0	16-6-5	20-11-11	25-7-1	30-2-8	33-5-12	37-6-0
1-6-0	5-2-11	4-5-11	4-5-11	2-4-5	4-5-5	4-7-7	4-7-7	3-3-4	4-0-4

Scale = 1:73.9



5-2-11	9-8-5	14-2-0	16-6-5	22-2-4	25-7-1	30-2-8	33-5-12	37-6-0
5-2-11	4-5-11	4-5-11	2-4-5	5-7-15	3-4-13	4-7-7	3-3-4	4-0-4

Plate Offsets (X,Y)-- [2:0-3-6,0-1-12], [4:0-4-0,0-3-4], [6:0-7-0,0-1-12], [7:0-4-10,0-2-0], [11:0-5-5,0-2-12], [15:0-4-0,0-5-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.98	Vert(LL)	-0.24	15	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.76	Vert(CT)	-0.79	15	>563	180	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.62	Horz(CT)	0.30	11	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 775 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X6 DF SS G
WEBS 2X4 DF Std G *Except*
7-15: 2X4 DF No.2 G
WEDGE
Left: 2x4 SP No.3, Right: 2x6 SP No.2

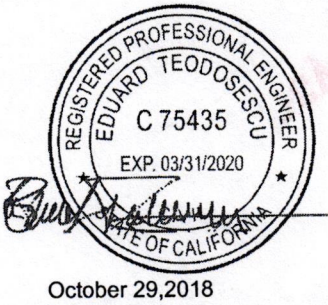
BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-13 oc purlins, except
2-0-0 oc purlins (6-0-0 max.): 6-7.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 11=12056/0-5-8, 2=9592/0-3-8
Max Horz 2=210(LC 7)
Max Uplift 11=-2526(LC 26), 2=-2136(LC 25)
Max Grav 11=12056(LC 1), 2=9650(LC 2)

PLY-TO-PLY CONNECTION REQUIRES THAT AN APPROVED FACE MOUNT HANGER (SPECIFIED BY OTHERS) IS REQUIRED FOR LOADS REPORTED IN NOTES. FACE MOUNT HANGER SHALL BE ATTACHED WITH A MINIMUM OF 0.148"x 3" NAILS PER HANGER MANUFACTURER SPECIFICATIONS.

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-17364/4194, 3-4=-15713/4233, 4-5=-13921/4109, 5-6=-12703/3270, 6-7=-12516/2897, 7-8=-16173/4165, 8-9=-17442/4419, 9-10=-19838/4232, 10-11=-21519/4612
BOT CHORD 2-19=-3525/14892, 18-19=-3095/14892, 17-18=-3135/13466, 16-17=-3162/12763, 15-16=-2961/11457, 14-15=-3402/15827, 13-14=-3409/18129, 12-13=-3592/18333, 11-12=-3913/18331
WEBS 3-19=0/1737, 3-18=-1858/0, 4-18=0/2845, 4-17=-2728/0, 5-17=-1524/3876, 5-16=-3620/1409, 6-16=-1563/4233, 6-15=-68/3068, 7-15=-1808/7997, 8-15=-2038/186, 8-14=-162/1984, 9-14=-2590/319, 9-13=-365/2242, 10-13=-1487/135, 10-12=-112/1870

NOTES- (15-16)
1) Special connection required to distribute web loads equally between all plies.
2) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x4 - 1 row at 0-4-0 oc.
Bottom chords connected as follows: 2x6 - 3 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 17-5 2x4 - 2 rows staggered at 0-5-0 oc, member 13-9 2x4 - 2 rows staggered at 0-4-0 oc.
3) 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.
4) Unbalanced roof live loads have been considered for this design.
5) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
6) Provide adequate drainage to prevent water ponding.
7) All plates are MT20 plates unless otherwise indicated.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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 2-0-0 wide will fit between the bottom chord and any other members.



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963676
J182286	B04	Piggyback Base Girder	1	3	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:43 2018 Page 2
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NOTES- (15-16)

10) A plate rating reduction of 20% has been applied for the green lumber members.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2526 lb uplift at joint 11 and 2136 lb uplift at joint 2.
12) This truss has been designed for a total drag load of 3532 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 37-6-0 for 94.2 plf.
13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 716 lb down at 2-0-12, 716 lb down at 4-0-12, 716 lb down at 6-0-12, 716 lb down at 8-0-12, 716 lb down at 10-0-12, 654 lb down and 55 lb up at 12-0-12, 5764 lb down and 2777 lb up at 14-2-0, 5955 lb down and 490 lb up at 30-2-8, 1136 lb down and 90 lb up at 31-5-4, and 1136 lb down and 90 lb up at 33-5-4, and 1136 lb down and 90 lb up at 35-5-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
15) TRUSSES IN THIS JOB COMPLY WITH
16) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-6=-68, 6-7=-68, 7-11=-68, 2-17=-20, 15-17=-20, 13-15=-20, 11-13=-20
   Concentrated Loads (lb)
   Vert: 17=-4674(B) 13=-5955(B) 12=-1136(B) 20=-716(B) 21=-716(B) 22=-716(B) 23=-716(B) 24=-716(B) 25=-654(B) 26=-1136(B) 27=-1136(B)

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7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963677
J182286	B05	Piggyback Base	6	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:44 2018 Page 1
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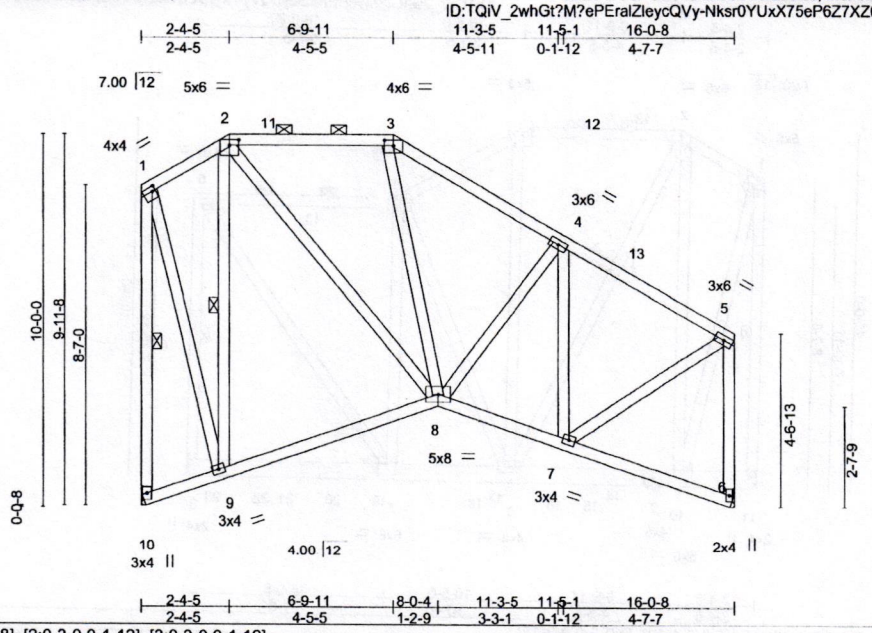


Plate Offsets (X,Y)-- [1:0-1-0,0-1-8], [2:0-3-0,0-1-12], [3:0-3-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.91	Vert(LL)	-0.03	8-9	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.21	Vert(CT)	-0.12	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.04	6	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 129 lb	FT = 20%

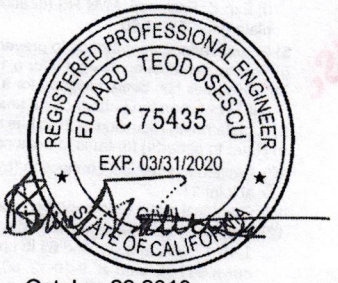
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-3.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 2-9, 1-10

REACTIONS. (lb/size) 10=693/Mechanical, 6=693/Mechanical
Max Horz 10=-312(LC 10)
Max Uplift 10=-97(LC 8), 6=-32(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-319/209, 2-3=-491/207, 3-4=-584/212, 4-5=-573/115, 1-10=-693/141, 5-6=-655/147
BOT CHORD 9-10=-373/390, 8-9=-239/350, 7-8=-147/502
WEBS 2-9=-498/204, 2-8=-75/447, 1-9=-92/568, 4-7=-331/142, 5-7=-104/508

NOTES- (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 11-0-9, Interior(1) 11-0-9 to 15-10-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Provide adequate drainage to prevent water ponding.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 97 lb uplift at joint 10 and 32 lb uplift at joint 6.
9) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4



October 29,2018

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7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963678
J182286	B06	Piggyback Base Girder	1	2	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:45 2018 Page 1
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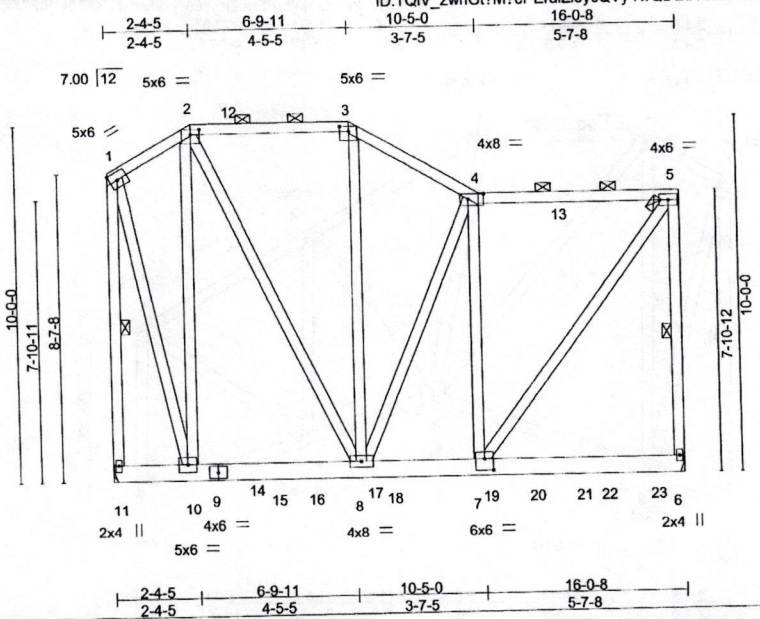


Scale = 1:59.9

Plate Offsets (X,Y)-- [2:0-3-0,0-1-12], [3:0-3-0,0-1-12], [4:0-5-4,0-1-12], [7:0-3-0,0-3-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.44	Vert(LL)	-0.04	6-7	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.14	6-7	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.59	Horz(CT)	0.00	6	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 321 lb	FT = 20%

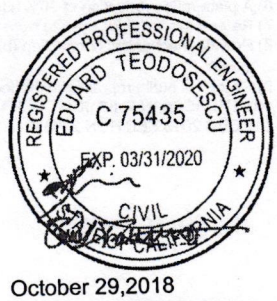
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X6 DF SS G
WEBS 2X4 DF Std G *Except*
2-8: 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (6-0-0 max.): 2-3, 4-5.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 5-6, 1-11

REACTIONS. (lb/size) 6=3344/Mechanical, 11=2854/Mechanical
Max Horz 11=-303(LC 6)
Max Uplift 6=-375(LC 5), 11=-310(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-759/200, 2-3=-1287/233, 3-4=-1562/245, 4-5=-1617/227, 5-6=-2312/301, 1-11=-2858/304
BOT CHORD 10-11=-257/226, 8-10=-213/691, 7-8=-236/1609
WEBS 2-10=-1237/274, 2-8=-221/1531, 3-8=-103/507, 4-8=-754/146, 4-7=-398/160, 5-7=-295/2659, 1-10=-308/2499

NOTES- (13-14)
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: 2x6 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
3) Unbalanced roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) Provide adequate drainage to prevent water ponding.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
8) A plate rating reduction of 20% has been applied for the green lumber members.
9) Refer to girder(s) for truss to truss connections.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 375 lb uplift at joint 6 and 310 lb uplift at joint 11.
11) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 601 lb down and 65 lb up at 1-10-12, 601 lb down and 65 lb up at 3-10-12, 601 lb down and 65 lb up at 5-10-12, 601 lb down and 65 lb up at 7-10-12, 601 lb down and 65 lb up at 9-10-12, 601 lb down and 65 lb up at 11-10-12, and 601 lb down and 65 lb up at 13-10-12, and 605 lb down and 61 lb up at 15-3-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.



October 29,2018

Continued on page 2

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

13) TRUSSES IN THIS JOB COMPLY WITH
14) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-68, 2-3=-68, 3-4=-68, 4-5=-68, 6-11=-20
Concentrated Loads (lb)
Vert: 14=-601(B) 15=-601(B) 17=-601(B) 18=-601(B) 19=-601(B) 20=-601(B) 22=-601(B) 23=-605(B)

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963679
J182286	C01	GABLE	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:47 2018 Page 1
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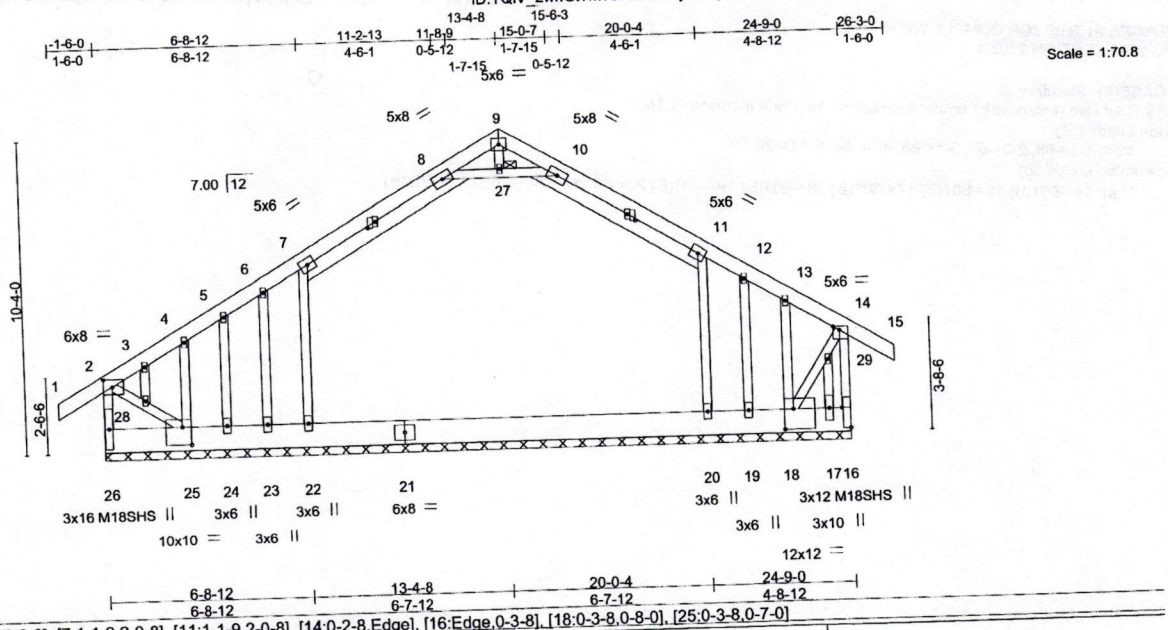

Plate Offsets (X,Y)-- [2:0-3-8,0-3-0], [7:1-1-9,2-0-8], [11:1-1-9,2-0-8], [14:0-2-8,Edge], [16:Edge,0-3-8], [18:0-3-8,0-8-0], [25:0-3-8,0-7-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.94	Vert(LL)	-0.00	14-15	n/r	120	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	-0.01	14-15	n/r	120	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.72	Horz(CT)	0.01	16	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 250 lb	FT = 20%

LUMBER-
TOP CHORD 2X6 DF SS G *Except* 7-8,10-11: 2X6 DF No.2 G
BOT CHORD 2X10 DF SS G
WEBS 2X4 DF Std G *Except* 8-10,14-16,2-25,14-18: 2X4 DF No.2 G
OTHERS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 27

REACTIONS. All bearings 24-9-0.
(lb) - Max Horz 26=259(LC 31)
Max Uplift All uplift 100 lb or less at joint(s) except 26=-2225(LC 33), 16=-2711(LC 28), 23=-976(LC 16), 25=-1429(LC 32), 19=-990(LC 16), 18=-2660(LC 29), 17=-359(LC 34)
Max Grav All reactions 250 lb or less at joint(s) except 26=2778(LC 32), 22=1421(LC 17), 20=1411(LC 18), 16=3479(LC 29), 24=296(LC 16), 25=1246(LC 29), 18=2239(LC 28), 17=403(LC 31)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2413/1970, 3-4=-2094/1699, 4-5=-2035/1622, 5-6=-1832/1441, 6-7=-1612/1283, 7-8=-1572/1060, 8-9=-419/263, 9-10=-471/322, 10-11=-1502/1052, 11-12=-1486/1135, 12-13=-1768/1366, 13-14=-1964/1580, 2-26=-2786/2220, 14-16=-3439/2733
BOT CHORD 25-26=-518/491, 24-25=-1361/1794, 23-24=-1195/1628, 22-23=-1029/1462, 20-22=-860/1293, 19-20=-948/1380, 18-19=-1114/1547, 17-18=-251/257
WEBS 7-22=-439/171, 11-20=-439/171, 8-27=-465/280, 10-27=-465/280, 4-25=-303/213, 3-28=-213/261, 17-29=-567/439, 2-28=-1931/2425, 25-28=-2060/2583, 18-29=-2622/3454, 14-29=-2251/2974

NOTES- (16-17)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=25ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) -1-6-0 to 1-4-8, Exterior(2) 1-4-8 to 13-4-8, Corner(3) 13-4-8 to 16-4-8, Exterior(2) 16-4-8 to 26-3-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 MT20 plates unless otherwise indicated.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable requires continuous bottom chord bearing.
7) Gable studs spaced at 1-4-0 oc.
8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
9) * 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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

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October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963679
J182286	C01	GABLE	1	1	Job Reference (optional)	

NOTES- (16-17)

10) Ceiling dead load (5.0 psf) on member(s). 7-8, 10-11, 8-27, 10-27
11) A plate rating reduction of 20% has been applied for the green lumber members.
12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2225 lb uplift at joint 26, 2711 lb uplift at joint 16, 976 lb uplift at joint 23, 1429 lb uplift at joint 25, 990 lb uplift at joint 19, 2660 lb uplift at joint 18 and 359 lb uplift at joint 17.
13) This truss has been designed for a total drag load of 3087 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 24-9-0 for 124.7 plf.
14) 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.
15) Attic room checked for L/360 deflection.
16) TRUSSES IN THIS JOB COMPLY WITH
17) CBC 2016 SECTION 2303.4

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963680
J182286	C02	Attic	6	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:48 2018 Page 1
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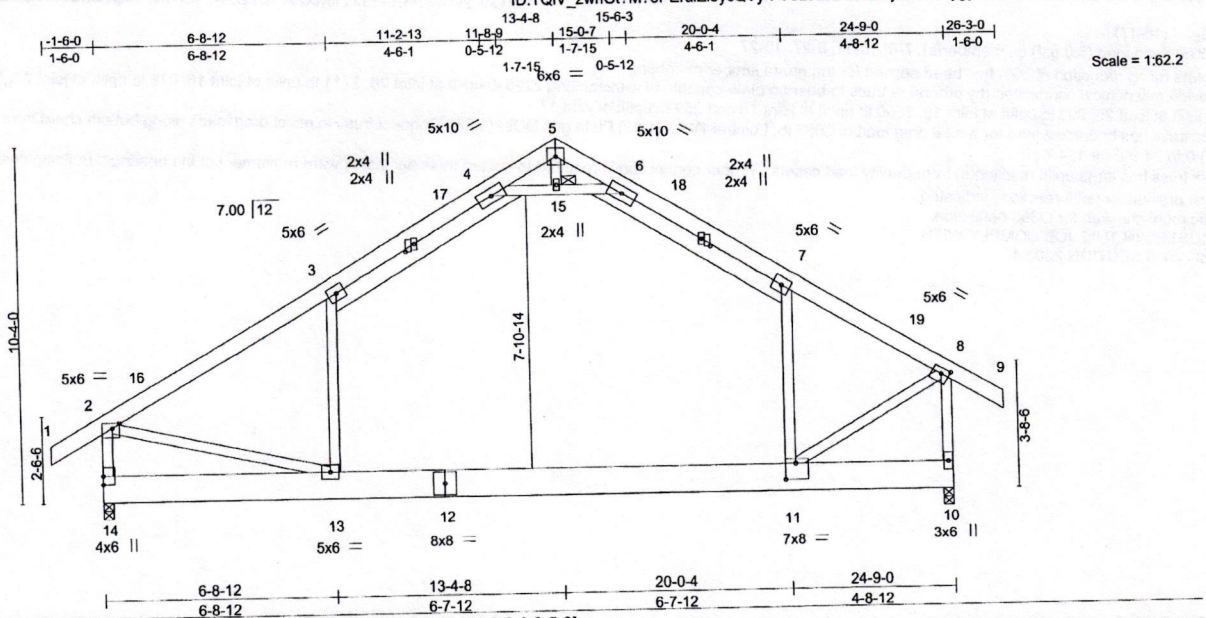

Plate Offsets (X,Y)-- [2:0-2-8,0-1-12], [3:1-1-9,2-0-8], [7:1-1-9,2-0-8], [8:0-2-12,0-2-0], [11:0-3-8,0-5-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.62	Vert(LL)	-0.35	11-13	>847	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.53	Vert(CT)	-0.64	11-13	>461	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.58	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S		Attic	-0.19	11-13	852	360	Weight: 228 lb	FT = 20%

LUMBER-
TOP CHORD 2X6 DF SS G *Except* 3-4,6-7: 2X6 DF No.2 G
BOT CHORD 2X10 DF SS G
WEBS 2X4 DF Std G *Except* 4-6,2-14: 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-10-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 15

REACTIONS. (lb/size) 14=1249/0-3-8, 10=1260/0-3-8
Max Horz 14=259(LC 11)
Max Uplift 14=-83(LC 12), 10=-74(LC 12)
Max Grav 14=1509(LC 18), 10=1569(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1496/55, 3-4=-1194/157, 4-5=-32/689, 5-6=-35/683, 6-7=-1204/148, 7-8=-1472/59, 2-14=-1363/134, 8-10=-1802/124
BOT CHORD 13-14=-196/337, 11-13=0/1182
WEBS 3-13=-218/390, 7-11=-203/438, 4-15=-1826/209, 6-15=-1826/209, 2-13=0/1068, 8-11=0/1390

NOTES- (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=25ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-4-8, Exterior(2) 13-4-8 to 16-4-8, Interior(1) 16-4-8 to 26-3-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-15, 6-15
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 11-13
7) A plate rating reduction of 20% has been applied for the green lumber members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 83 lb uplift at joint 14 and 74 lb uplift at joint 10.
9) Attic room checked for L/360 deflection.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4

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EXP. 03/31/2020
STATE OF CALIFORNIA

October 29,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963681
J182286	C04	Attic	2	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:49 2018 Page 1
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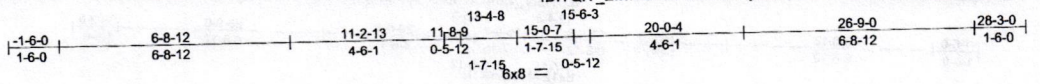

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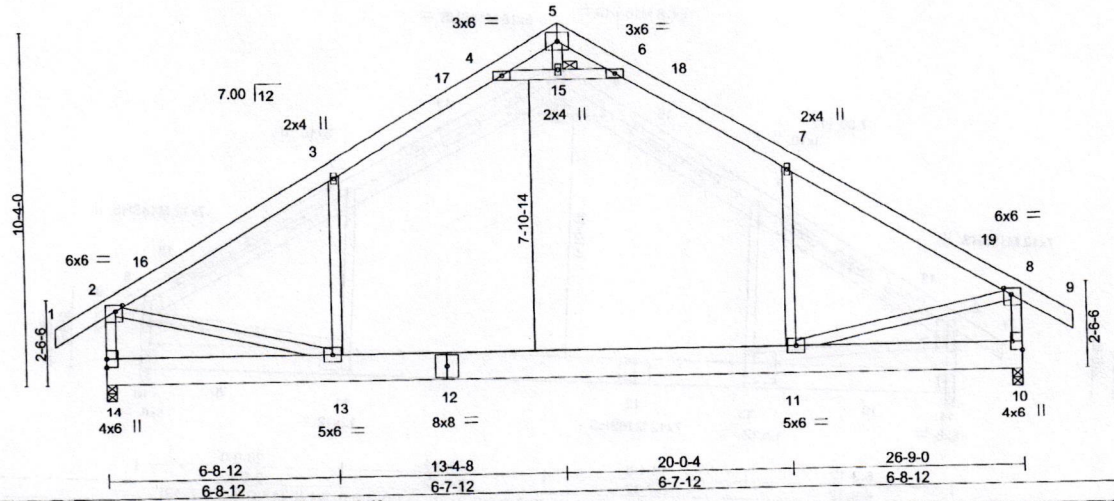

Plate Offsets (X,Y)-- [2:0-2-8,0-2-4], [8:0-2-8,0-2-4], [10:Edge,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.42	11-13	>752	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.82	11-13	>387	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S		Attic	-0.20	11-13	785	360	Weight: 213 lb	FT = 20%

LUMBER-
TOP CHORD 2X6 DF SS G
BOT CHORD 2X10 DF SS G
WEBS 2X4 DF Std G *Except*
4-6,2-14,8-10: 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-11-7 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
JOINTS 1 Brace at Jt(s): 15

REACTIONS. (lb/size) 14=1343/0-3-8, 10=1343/0-3-8
Max Horz 14=241(LC 11)
Max Uplift 14=-84(LC 12), 10=-84(LC 12)
Max Grav 14=1625(LC 18), 10=1625(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1736/58, 3-4=-1366/158, 4-5=-43/889, 5-6=-43/889, 6-7=-1365/158, 7-8=-1736/58, 2-14=-1560/137, 8-10=-1560/137
BOT CHORD 13-14=-175/349, 11-13=0/1376
WEBS 3-13=-146/503, 7-11=-146/503, 4-15=-2303/223, 6-15=-2303/223, 2-13=0/1261, 8-11=0/1262

NOTES- (10-11)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=27ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-4-8, Exterior(2) 13-4-8 to 16-4-8, Interior(1) 16-4-8 to 28-3-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-15, 6-15
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 11-13
7) A plate rating reduction of 20% has been applied for the green lumber members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 84 lb uplift at joint 14 and 84 lb uplift at joint 10.
9) Attic room checked for L/360 deflection.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4

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Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963682
J182286	C05	ATTIC	1	3	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:51 2018 Page 1
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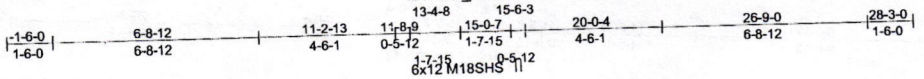

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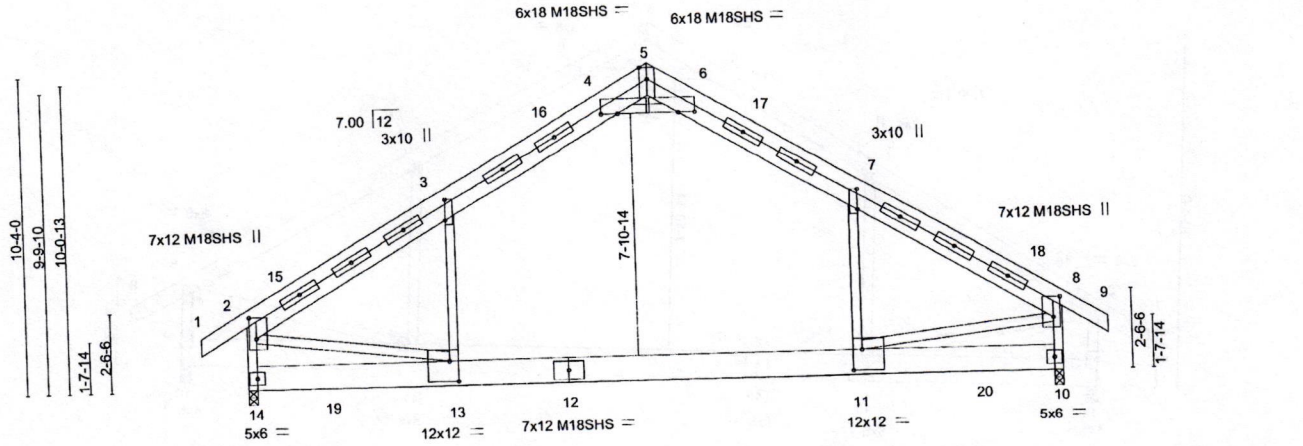

Plate Offsets (X,Y)-- [2:0-8-0,0-2-12], [3:0-8-4,0-0-0], [4:0-6-8,0-0-0], [6:0-6-8,0-0-0], [7:0-8-4,0-0-0], [8:0-8-0,0-2-12], [11:0-3-8,0-7-12], [13:0-3-8,0-7-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.78	Vert(LL)	-0.43	11-13	>745	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.92	Vert(CT)	-0.87	11-13	>364	180	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.75	Horz(CT)	0.03	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S		Attic	-0.22	11-13	731	360	Weight: 821 lb	FT = 20%

LUMBER-
TOP CHORD 2X6 DF SS G
BOT CHORD 2X10 DF SS G
WEBS 2X4 DF No.2 G *Except*
3-13,7-11: 2X4 DF Std 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) 14=7399/0-3-8, 10=7399/0-3-8
Max Horz 14=-225(LC 10)
Max Uplift 14=-449(LC 12), 10=-449(LC 12)
Max Grav 14=12449(LC 18), 10=12376(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-13318/879, 3-4=-10634/823, 4-5=-285/4466, 5-6=-285/4416, 6-7=-10684/823, 7-8=-13401/879, 2-14=-10743/789, 8-10=-10726/789
BOT CHORD 13-14=-102/724, 11-13=-628/10849, 10-11=-50/565
WEBS 3-13=-216/5080, 7-11=-215/5148, 4-6=-17219/1275, 2-13=-591/10349, 8-11=-592/10520

NOTES- (16-17)
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 3 rows staggered at 0-4-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x10 - 4 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 4-6 2x4 - 1 row at 0-7-0 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 roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=27ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-4-8, Exterior(2) 13-4-8 to 16-4-8, Interior(1) 16-4-8 to 28-3-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 4x16 M18SHS unless otherwise indicated.
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 2-0-0 wide will fit between the bottom chord and any other members.
9) Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-6
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 11-13
11) A plate rating reduction of 20% has been applied for the green lumber members.
12) Bearing at joint(s) 14, 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 449 lb uplift at joint 14 and 449 lb uplift at joint 10.

Continued on page 2

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Citrus Heights, CA 95610

NOTES- (16-17)

14) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 4450 lb down and 318 lb up at 13-4-8 on top chord, and 2761 lb down and 197 lb up at 2-8-0, and 2761 lb down and 197 lb up at 24-1-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
15) Attic room checked for L/360 deflection.
16) TRUSSES IN THIS JOB COMPLY WITH
17) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-2=-68, 2-3=-68, 3-4=-78, 4-5=-68, 5-6=-68, 6-7=-78, 7-8=-68, 8-9=-68, 14-19=-20, 19-20=-325(F=-305), 10-20=-20, 4-6=-10
   Concentrated Loads (lb)
   Vert: 5=-2490(F) 19=-1545(F) 20=-1545(F)

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963683
J182286	C06	ATTIC	1	3	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:52 2018 Page 1
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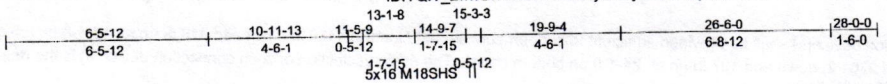

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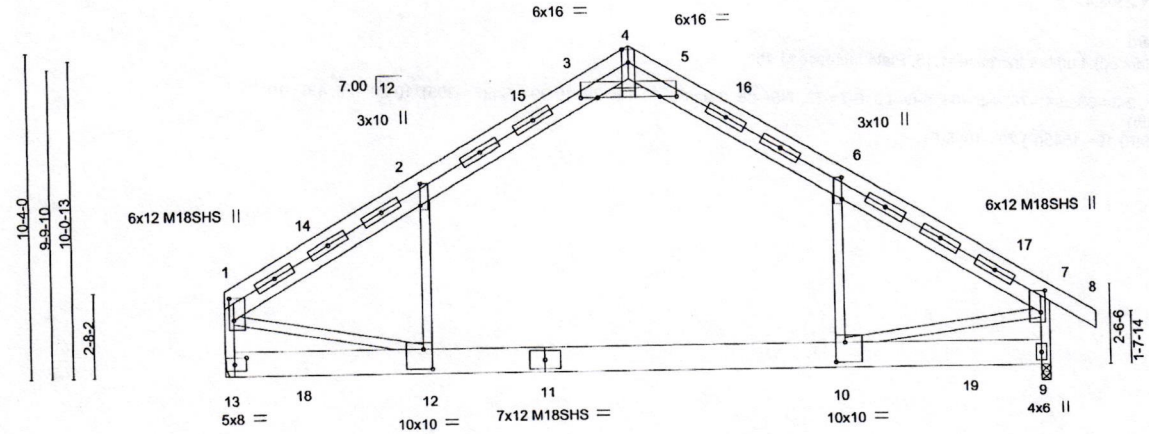


Plate Offsets (X,Y)-- [1:0-8-4,0-1-12], [2:0-8-4,0-0-0], [3:0-6-8,0-0-0], [5:0-6-8,0-0-0], [6:0-8-4,0-0-0], [7:0-8-4,0-1-12], [10:0-3-8,0-7-4], [12:0-3-8,0-7-8], [13:0-4-8,0-2-8]

LOADING (psf)		SPACING- 2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL 1.15	TC	0.77	Vert(LL)	-0.41	10-12	>761	240	MT20	220/195
TCDL	14.0	Lumber DOL 1.15	BC	0.91	Vert(CT)	-0.85	10-12	>372	180	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr NO	WB	0.74	Horz(CT)	0.03	9	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014	Matrix-S		Attic	-0.22	10-12	738	360	Weight: 803 lb	FT = 20%

LUMBER-
TOP CHORD 2X6 DF SS G
BOT CHORD 2X10 DF SS G
WEBS 2X4 DF No.2 G *Except*
2-12,6-10: 2X4 DF Std G

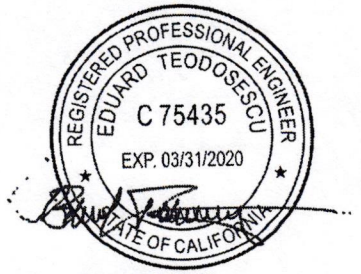
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 13=7331/Mechanical, 9=7333/0-3-8
Max Horz 13=-225(LC 10)
Max Uplift 13=-401(LC 12), 9=-445(LC 12)
Max Grav 13=12441(LC 18), 9=12262(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-13043/859, 2-3=-10476/814, 3-4=-261/4128, 4-5=-271/4127, 5-6=-10478/809, 6-7=-13159/862, 1-13=-10822/737, 7-9=-10550/777
BOT CHORD 12-13=-88/874, 10-12=-613/10638, 9-10=-51/577
WEBS 2-12=-199/4861, 6-10=-210/5076, 3-5=-16645/1245, 1-12=-604/10090, 7-10=-576/10291

NOTES- (18-19)
1) 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 3 rows staggered at 0-4-0 oc, 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2x10 - 4 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 3-5 2x4 - 1 row at 0-7-0 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 roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=27ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 13-1-8, Exterior(2) 13-1-8 to 16-1-8, Interior(1) 16-1-8 to 28-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) All plates are MT20 plates unless otherwise indicated.
6) All plates are 4x16 MT20 unless otherwise indicated.
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 2-0-0 wide will fit between the bottom chord and any other members.
9) Ceiling dead load (5.0 psf) on member(s). 2-3, 5-6, 3-5
10) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 10-12
11) A plate rating reduction of 20% has been applied for the green lumber members.
12) Refer to girder(s) for truss to truss connections.
13) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
14) Provide metal plate or equivalent at bearing(s) 13 to support reaction shown.

Continued on page 2



October 29,2018

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7777 Greenback Lane
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Citrus Heights, CA 95610

NOTES- (18-19)

15) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 401 lb uplift at joint 13 and 445 lb uplift at joint 9.
16) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 4450 lb down and 318 lb up at 13-1-8 on top chord, and 2761 lb down and 197 lb up at 2-5-0, and 2761 lb down and 197 lb up at 23-10-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
17) Attic room checked for L/360 deflection.
18) TRUSSES IN THIS JOB COMPLY WITH
19) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-2=-68, 2-3=-78, 3-4=-68, 4-5=-68, 5-6=-78, 6-7=-68, 7-8=-68, 13-18=-20, 18-19=-325(F=-305), 9-19=-20, 3-5=-10
   Concentrated Loads (lb)
   Vert: 4=-2490(F) 18=-1545(F) 19=-1545(F)

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963684
J182286	C07	Attic	2	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:53 2018 Page 1
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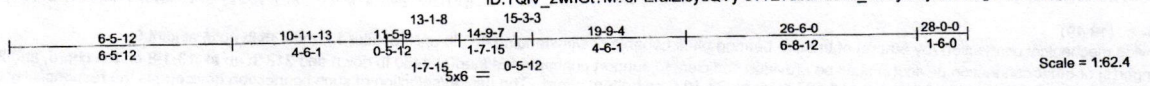

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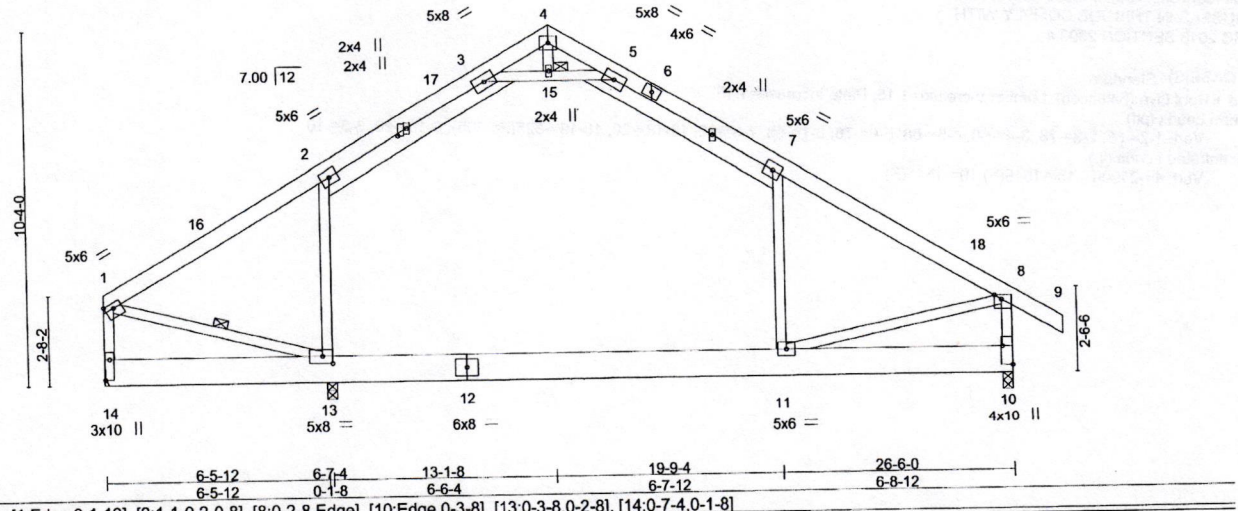


Plate Offsets (X,Y)-- [1:Edge,0-1-12], [2:1-1-9,2-0-8], [8:0-2-8,Edge], [10:Edge,0-3-8], [13:0-3-8,0-2-8], [14:0-7-4,0-1-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.86	Vert(LL)	-0.33	11-13	>732	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.58	Vert(CT)	-0.62	11-13	>383	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.01	10	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S		Attic	-0.19	11-13	820	360	Weight: 236 lb	FT = 20%

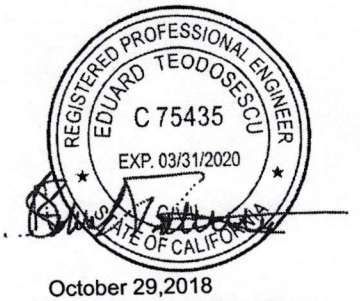
LUMBER-
TOP CHORD 2X6 DF SS G *Except*
2-3,5-7: 2X6 DF No.2 G
BOT CHORD 2X10 DF SS G
WEBS 2X4 DF Std G *Except*
3-5: 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-13 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 1-13
JOINTS 1 Brace at Jt(s): 15

REACTIONS. (lb/size) 14=807/Mechanical, 13=541/0-3-8, 10=1204/0-3-8
Max Horz 14=-238(LC 30)
Max Uplift 14=-1221(LC 33), 13=-487(LC 34), 10=-882(LC 34)
Max Grav 14=1744(LC 32), 13=1153(LC 43), 10=1547(LC 31)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-2357/1589, 2-3=-1667/959, 3-4=-181/465, 4-5=-432/645, 5-7=-1365/678, 7-8=-1992/1209, 1-14=-1977/1298, 8-10=-1644/1015
BOT CHORD 13-14=-766/797, 11-13=-715/1395, 10-11=-659/784
WEBS 2-13=-424/260, 7-11=-363/292, 3-15=-1449/555, 5-15=-1449/555, 1-13=-1370/2000, 8-11=-1031/1611

NOTES- (12-13)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=27ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 13-1-8, Exterior(2) 13-1-8 to 16-1-8, Interior(1) 16-1-8 to 28-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members.
5) Ceiling dead load (5.0 psf) on member(s). 2-3, 5-7, 3-15, 5-15
6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 11-13
7) A plate rating reduction of 20% has been applied for the green lumber members.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1221 lb uplift at joint 14, 487 lb uplift at joint 13 and 882 lb uplift at joint 10.
10) This truss has been designed for a total drag load of 2491 lb. Lumber DOL=(1.33) Plate grip DOL=(1.33) Connect truss to resist drag loads along bottom chord from 0-0-0 to 26-6-0 for 94.0 plf.
11) Attic room checked for L/360 deflection.
12) TRUSSES IN THIS JOB COMPLY WITH
13) CBC 2016 SECTION 2303.4



October 29,2018

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7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963685
J182286	C08	Common	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:54 2018 Page 1
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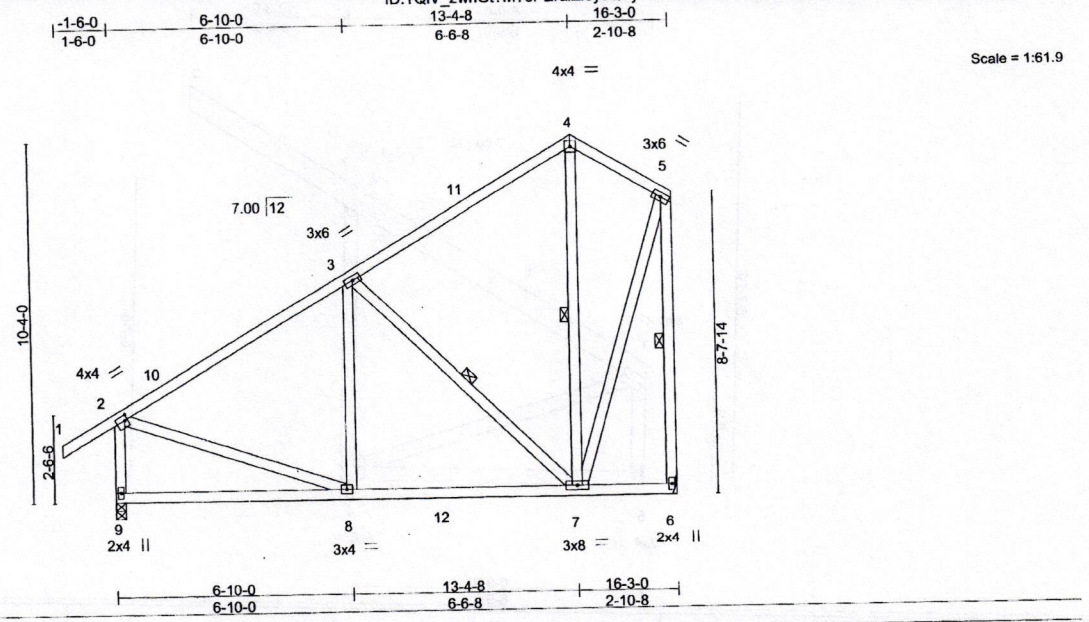


Plate Offsets (X,Y)-- [2:0-1-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.53	Vert(LL)	-0.04	8-9	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.13	8-9	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.24	Horz(CT)	0.01	6	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 118 lb	FT = 20%

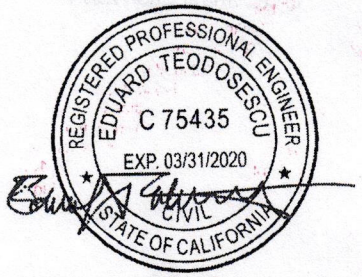
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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.
WEBS 1 Row at midpt 3-7, 4-7, 5-6

REACTIONS. (lb/size) 9=820/0-3-8, 6=696/Mechanical
Max Horz 9=276(LC 12)
Max Uplift 9=-29(LC 12), 6=-109(LC 12)
Max Grav 9=820(LC 1), 6=713(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-677/30, 3-4=-325/53, 2-9=-760/102, 5-6=-708/145
BOT CHORD 8-9=-253/296, 7-8=-137/560
WEBS 3-7=-518/146, 2-8=0/479, 5-7=-100/596

NOTES- (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-4-8, Exterior(2) 13-4-8 to 16-1-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) A plate rating reduction of 20% has been applied for the green lumber members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 29 lb uplift at joint 9 and 109 lb uplift at joint 6.
8) TRUSSES IN THIS JOB COMPLY WITH
9) CBC 2016 SECTION 2303.4



October 29,2018

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7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963686
J182286	C09	Monopitch	2	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:55 2018 Page 1
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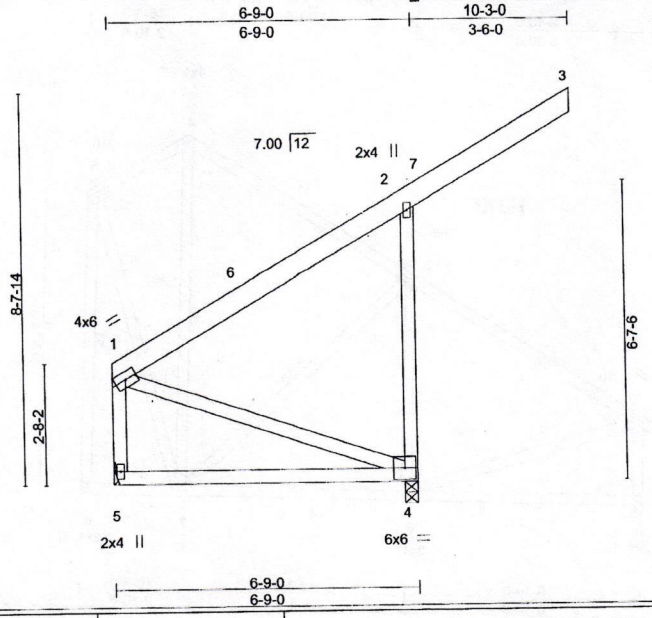


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.38	Vert(LL)	-0.09	4-5	>849	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.44	Vert(CT)	-0.27	4-5	>283	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.15	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 54 lb	FT = 20%

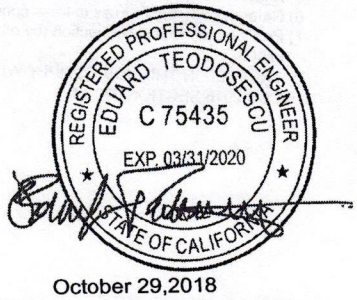
LUMBER-
TOP CHORD 2X6 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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) 4=602/0-3-8, 5=214/Mechanical
Max Horz 5=205(LC 12)
Max Uplift 4=-345(LC 12)
Max Grav 4=602(LC 1), 5=225(LC 18)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-272/212, 2-4=-537/426
BOT CHORD 4-5=-264/175
WEBS 1-4=-187/281

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 10-3-0 zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 345 lb uplift at joint 4.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

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Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963687
J182286	C10	Monopitch	10	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:55 2018 Page 1
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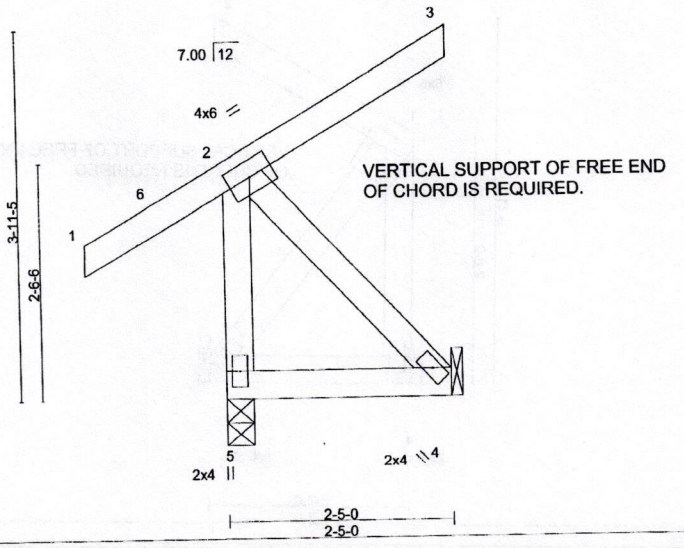


Plate Offsets (X,Y)-- [2:0-2-14,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.42	Vert(LL)	-0.00	5	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	-0.00	4-5	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.10	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 16 lb	FT = 20%

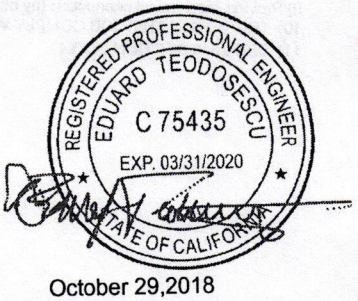
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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

REACTIONS. (lb/size) 5=251/0-3-8, 4=60/Mechanical
Max Horz 5=201(LC 12)
Max Uplift 4=-210(LC 12)
Max Grav 5=251(LC 1), 4=89(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-4=-204/315

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 2-5-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 210 lb uplift at joint 4.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

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7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963688
J182286	C11	Monopitch	2	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:56 2018 Page 1
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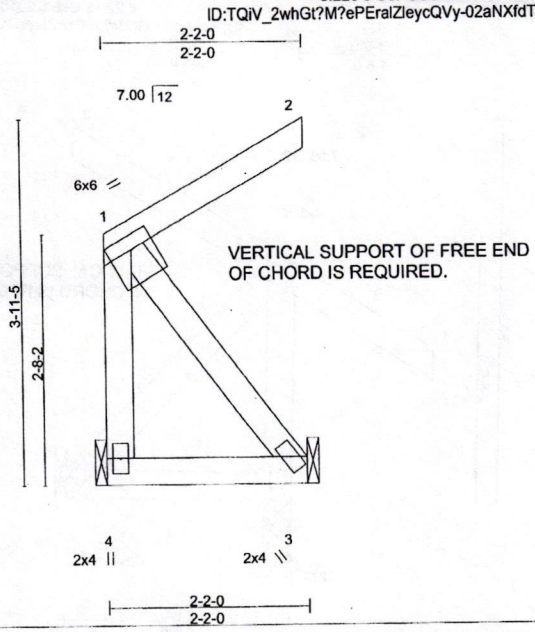


Plate Offsets (X,Y)-- [1:Edge,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.71	Vert(LL)	0.00	3-4	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	0.00	3-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.09	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 13 lb	FT = 20%

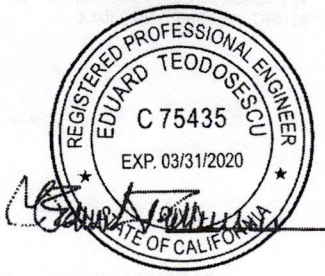
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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

REACTIONS. (lb/size) 4=86/Mechanical, 3=91/Mechanical
Max Horz 4=133(LC 12)
Max Uplift 3=-198(LC 12)
Max Grav 4=115(LC 12), 3=121(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 1-3=-221/286

NOTES- (10-11)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=2ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Corner(3) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) 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.
3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
4) Gable studs spaced at 1-4-0 oc.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) * 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 2-0-0 wide will fit between the bottom chord and any other members.
7) A plate rating reduction of 20% has been applied for the green lumber members.
8) Refer to girder(s) for truss to truss connections.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint 3.
10) TRUSSES IN THIS JOB COMPLY WITH
11) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963689
J182286	C12	Common	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:57 2018 Page 1
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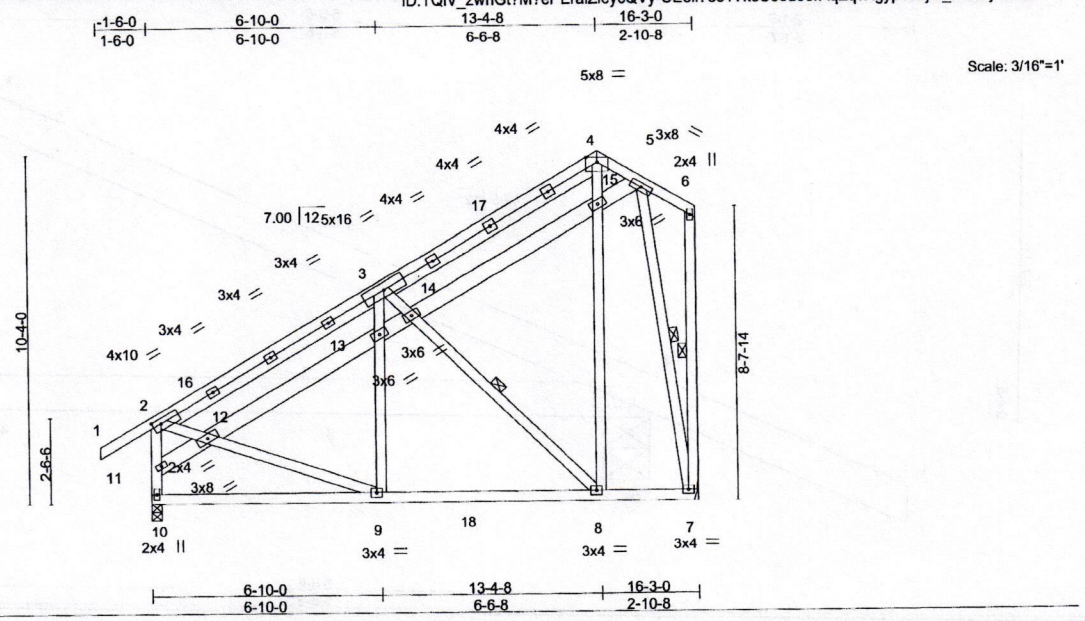


Plate Offsets (X,Y)-- [2:0-3-0,0-1-12]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	-0.04	9-10	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.35	Vert(CT)	-0.14	9-10	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.36	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 173 lb	FT = 20%

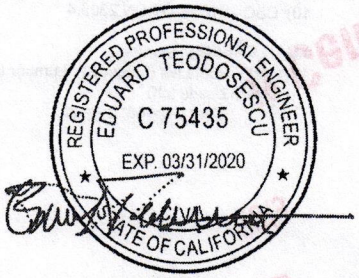
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G *Except*
11-12,12-13,13-14,14-15,5-15: 2X6 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 3-8, 6-7, 5-7

REACTIONS. (lb/size) 10=820/0-3-8, 7=696/Mechanical
Max Horz 10=274(LC 12)
Max Uplift 10=-38(LC 12), 7=-109(LC 12)
Max Grav 10=820(LC 1), 7=710(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1056/101, 3-4=-732/125, 4-5=-680/155, 10-11=-763/102, 2-11=-1013/147
BOT CHORD 8-9=-121/476
WEBS 3-14=-491/141, 8-14=-489/139, 8-15=-29/442, 4-15=-27/413, 2-12=0/546, 9-12=0/545, 5-7=-715/124, 11-12=-89/460, 12-13=-94/467, 13-14=-102/515, 14-15=-94/505, 5-15=-99/568

NOTES- (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 13-3-10, Exterior(2) 13-3-10 to 16-1-4 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) A plate rating reduction of 20% has been applied for the green lumber members.
6) Refer to girder(s) for truss to truss connections.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 38 lb uplift at joint 10 and 109 lb uplift at joint 7.
8) TRUSSES IN THIS JOB COMPLY WITH
9) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963690
J182286	CJ01	Diagonal Hip Girder	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:58 2018 Page 1
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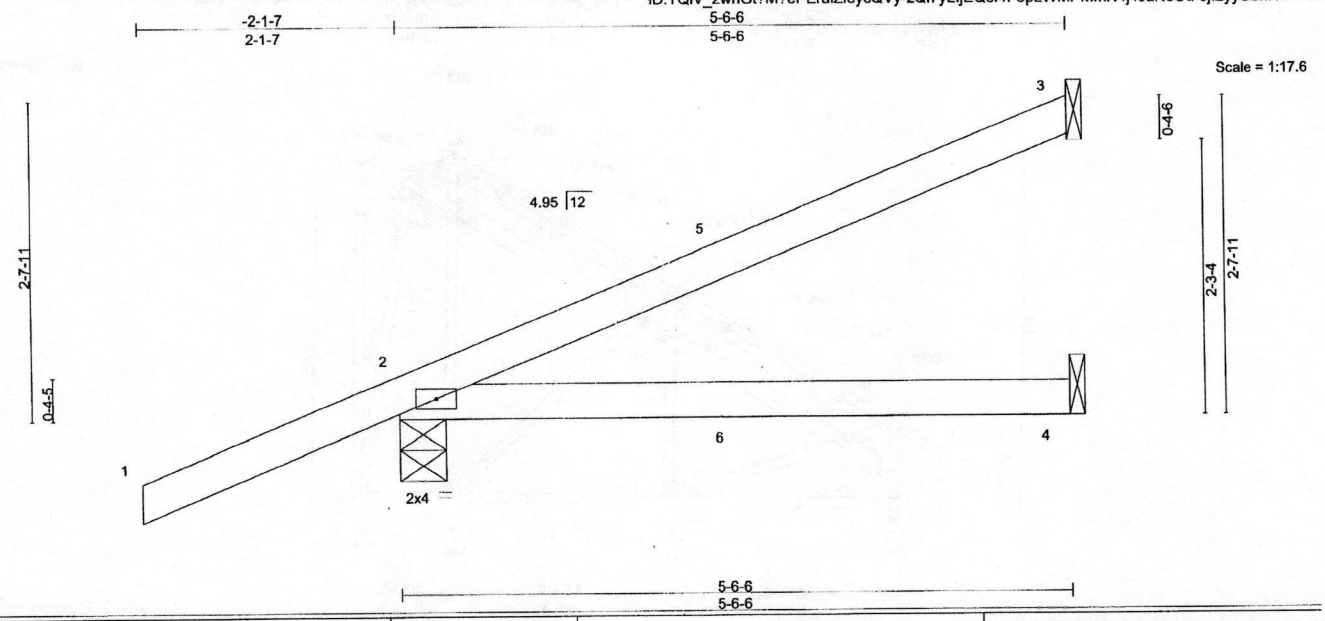


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	-0.04	2-4	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.31	Vert(CT)	-0.12	2-4	>518	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 19 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

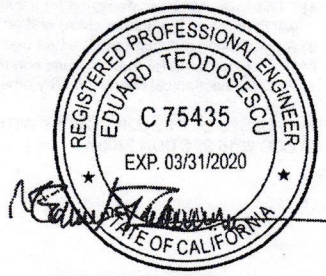
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-6 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=145/Mechanical, 2=424/0-4-9, 4=53/Mechanical
Max Horz 2=104(LC 8)
Max Uplift 3=-41(LC 8), 2=-93(LC 8)
Max Grav 3=145(LC 1), 2=424(LC 1), 4=106(LC 3)

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

NOTES- (9-10)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 41 lb uplift at joint 3 and 93 lb uplift at joint 2.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 61 lb down and 18 lb up at 2-9-8, and 61 lb down and 18 lb up at 2-9-8 on top chord, and 2 lb down at 2-9-8, and 2 lb down at 2-9-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) TRUSSES IN THIS JOB COMPLY WITH
10) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-68, 2-4=-20



October 29,2018

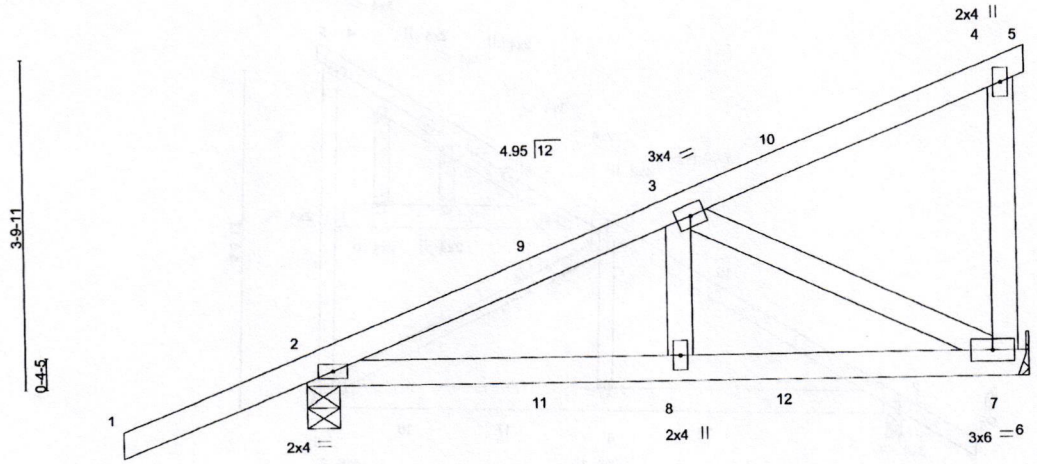
MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963691
J192286	CJ02	Diagonal Hip Girder	2	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:58 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-zQi7yLfjEQsf4FepLWMPMmN4j4KIN4FtFJjl2yyObhN

-2-1-7 (2-1-7) | 4-4-0 (4-4-0) | 8-2-13 (3-10-13) | 8-4-5 (0-1-8)

Scale = 1:24.8



4-4-0 (4-4-0) | 8-2-13 (3-10-13) | 8-4-5 (0-1-8)

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	-0.01	2-8	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.20	Vert(CT)	-0.03	2-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.14	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 38 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

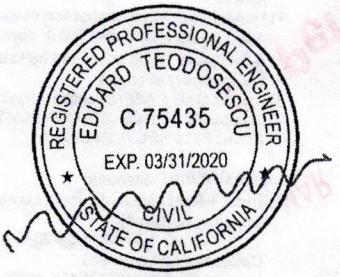
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 7=357/Mechanical, 2=536/0-4-9
Max Horz 2=135(LC 5)
Max Uplift 7=-36(LC 5), 2=-107(LC 8)
Max Grav 7=360(LC 25), 2=536(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-575/10
BOT CHORD 2-8=-58/437, 7-8=-58/437
WEBS 3-7=-470/37

NOTES- (9-10)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 36 lb uplift at joint 7 and 107 lb uplift at joint 2.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 61 lb down and 18 lb up at 2-9-8, 61 lb down and 18 lb up at 2-9-8, and 91 lb down and 59 lb up at 5-7-7, and 91 lb down and 59 lb up at 5-7-7 on top chord, and 2 lb down at 2-9-8, 2 lb down at 2-9-8, and 20 lb down at 5-7-7, and 20 lb down at 5-7-7 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) TRUSSES IN THIS JOB COMPLY WITH
10) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-4=-68, 4-5=-28, 2-6=-20
Concentrated Loads (lb)
Vert: 10=-10(F=-5, B=-5) 12=-17(F=-9, B=-9)



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct
J182286	D01	Jack-Closed Girder	1	1	R55963692
					Job Reference (optional)

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:13:59 2018 Page 1
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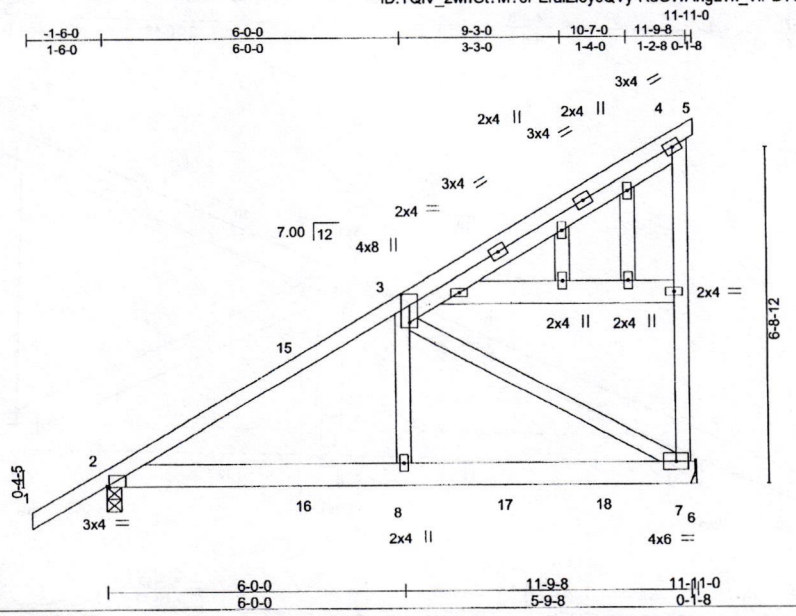


Plate Offsets (X,Y)-- [2:0-0-8,Edge], [3:0-6-12,0-2-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.50	Vert(LL)	-0.02	7-8	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.34	Vert(CT)	-0.07	7-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	NO	WB	0.72	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 90 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X6 DF No.2 G
WEBS 2X4 DF Std G *Except*
9-10: 2X6 DF No.2 G

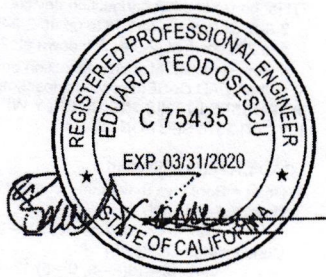
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-5-8 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 7=836/Mechanical, 2=876/0-3-8
Max Horz 2=243(LC 8)
Max Uplift 7=-153(LC 8), 2=-75(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1125/6
BOT CHORD 2-8=-148/893, 7-8=-149/882
WEBS 3-8=0/588, 3-7=-1019/171

NOTES- (9-10)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 153 lb uplift at joint 7 and 75 lb uplift at joint 2.
7) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 111 lb down and 82 lb up at 4-0-0 on top chord, and 150 lb down and 32 lb up at 4-0-0, 125 lb down and 36 lb up at 6-0-12, and 125 lb down and 36 lb up at 8-0-12, and 125 lb down and 36 lb up at 10-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
8) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).
9) TRUSSES IN THIS JOB COMPLY WITH
10) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard
1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-4=-68, 4-5=-28, 2-6=-20
Concentrated Loads (lb)
Vert: 8=-125(B) 15=-49(B) 16=-150(B) 17=-125(B) 18=-125(B)



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963693
J182286	D02	Jack-Closed	3	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:00 2018 Page 1
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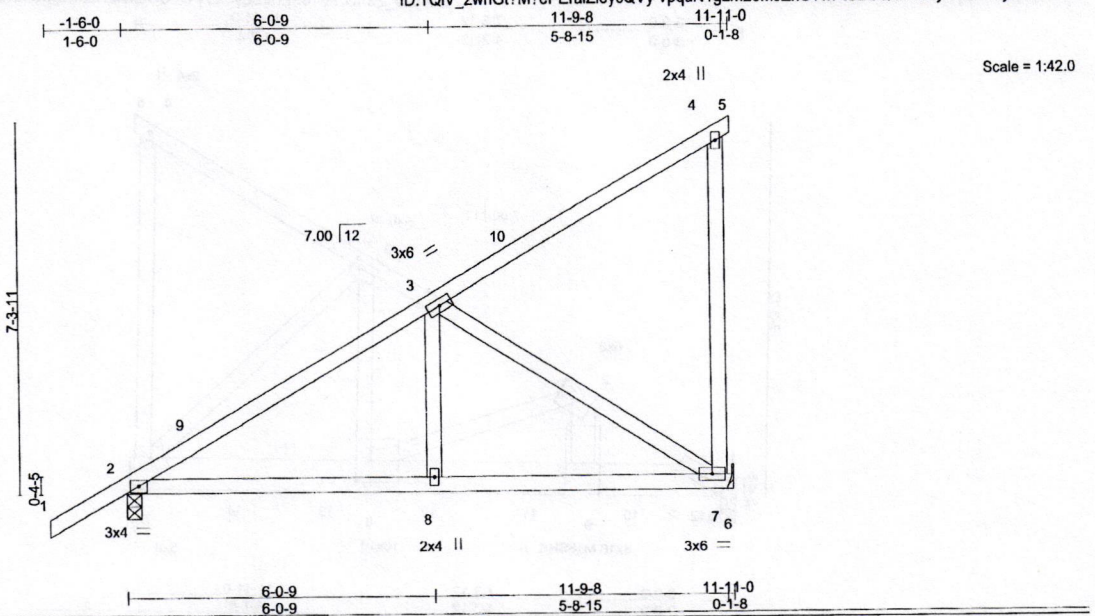


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.40	Vert(LL)	-0.03	2-8	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.30	Vert(CT)	-0.10	2-8	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.44	Horz(CT)	0.01	7	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 59 lb	FT = 20%

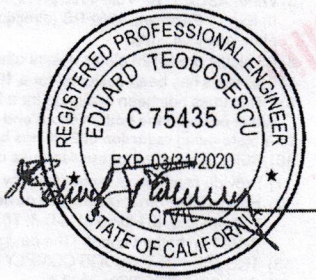
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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) 7=511/Mechanical, 2=626/0-3-8
Max Horz 2=241(LC 12)
Max Uplift 7=-88(LC 12), 2=-27(LC 12)
Max Grav 7=517(LC 17), 2=626(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-655/0
BOT CHORD 2-8=-112/508, 7-8=-112/508
WEBS 3-8=0/271, 3-7=-590/128

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 11-11-0 zone; cantilever left and right exposed ; end vertical left exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 88 lb uplift at joint 7 and 27 lb uplift at joint 2.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963694
J182286	D03	JACK-CLOSED GIRDER	1	3	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:01 2018 Page 1
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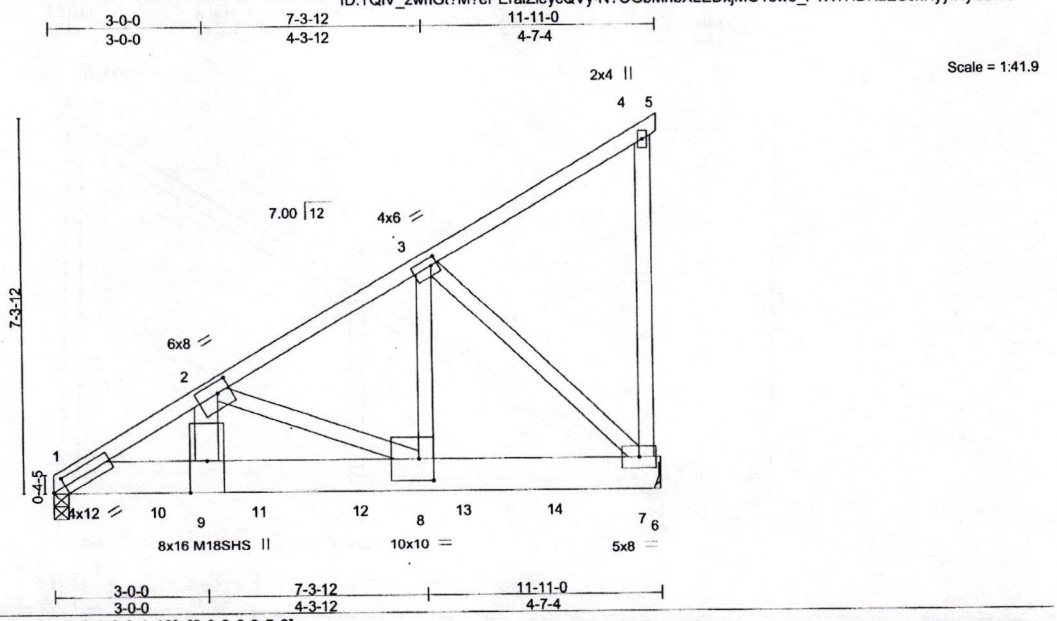


Plate Offsets (X,Y)-- [1:0-3-2,0-2-0], [2:0-3-0,0-2-8], [3:0-1-8,0-1-12], [8:0-3-8,0-5-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.69	Vert(LL)	-0.08	8-9	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.82	Vert(CT)	-0.19	8-9	>733	180	M18SHS	220/195
BCLL	0.0 *	Rep Stress Incr	NO	WB	1.00	Horz(CT)	0.03	7	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 247 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X8 DF SS G
WEBS 2X4 DF Std G *Except*
2-9: 2X6 DF No.2 G

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

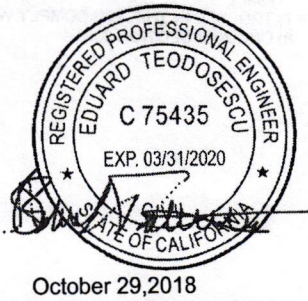
PLY-TO-PLY CONNECTION REQUIRES THAT AN APPROVED FACE MOUNT HANGER (SPECIFIED BY OTHERS) IS REQUIRED FOR LOADS REPORTED IN NOTES. FACE MOUNT HANGER SHALL BE ATTACHED WITH A MINIMUM OF 0.148"x 3" NAILS PER HANGER MANUFACTURER SPECIFICATIONS.

REACTIONS. (lb/size) 1=7089/0-3-8, 7=3533/Mechanical
Max Horz 1=240(LC 18)
Max Uplift 1=-56(LC 8)
Max Grav 1=9775(LC 2), 7=4551(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-17091/14, 2-3=-5109/0
BOT CHORD 1-9=-70/14778, 8-9=-70/14778, 7-8=0/4414
WEBS 2-9=-118/9816, 2-8=-11152/216, 3-8=0/6329, 3-7=-6069/0

NOTES- (13-14)
1) Special connection required to distribute bottom chord loads equally between all plies.
2) Special connection required to distribute web loads equally between all plies.
3) 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: 2x8 - 4 rows staggered at 0-4-0 oc.
Webs connected as follows: 2x6 - 3 rows staggered at 0-4-0 oc, 2x4 - 1 row at 0-9-0 oc.
4) 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.
5) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
6) All plates are MT20 plates unless otherwise indicated.
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 2-0-0 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) Refer to girder(s) for truss to truss connections.
11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 56 lb uplift at joint 1.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 126 lb down at 2-0-12, 11057 lb down and 421 lb up at 3-0-4, 787 lb down at 4-0-12, 787 lb down at 6-0-12, and 258 lb down at 8-0-12, and 665 lb down at 9-10-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) TRUSSES IN THIS JOB COMPLY WITH
14) CBC 2016 SECTION 2303.4

LOAD CASE(S) Standard



October 29,2018

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Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
   Vert: 1-4=-68, 4-5=-28, 1-6=-20
   Concentrated Loads (lb)
   Vert: 9=-7311(F) 10=-66(F) 11=-787(F) 12=-787(F) 13=-194(F) 14=-452(F)

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Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963695
J182286	J01	Jack-Open	6	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:02 2018 Page 1
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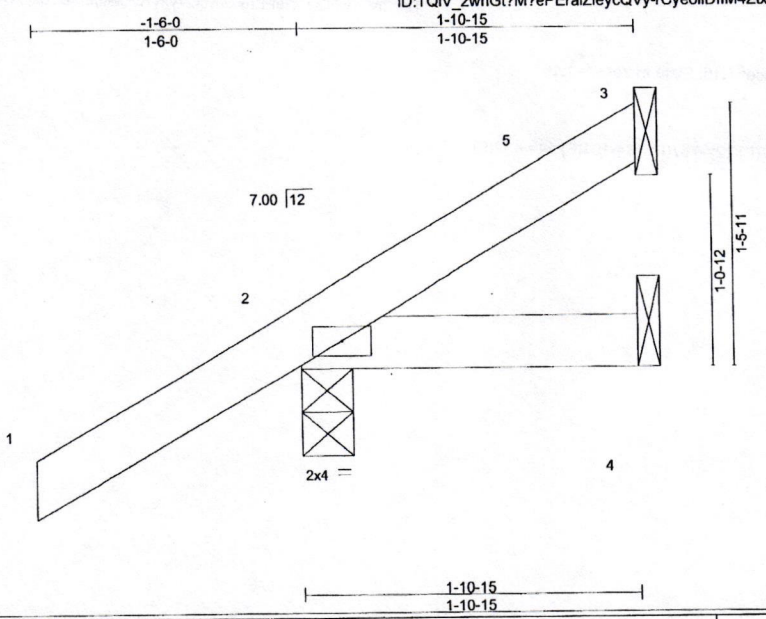


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.15	Vert(LL)	-0.00	2	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	-0.00	2-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 8 lb	FT = 20%

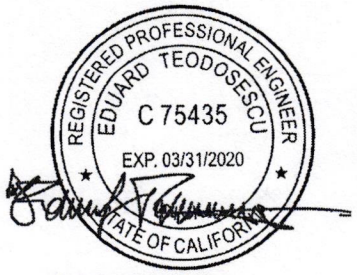
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 1-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=21/Mechanical, 2=229/0-3-8, 4=19/Mechanical
Max Horz 2=71(LC 12)
Max Uplift 3=-11(LC 9), 2=-72(LC 12)
Max Grav 3=25(LC 17), 2=229(LC 1), 4=37(LC 3)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 1-10-13 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 11 lb uplift at joint 3 and 72 lb uplift at joint 2.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



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Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963696
J182286	J02	Jack-Open	4	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:02 2018 Page 1
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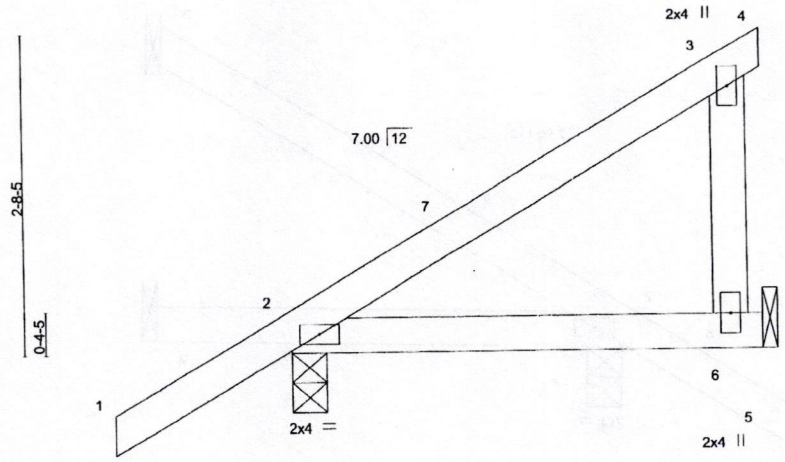

4-0-0 4-0-0

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.18	Vert(LL)	-0.01	2-6	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	-0.03	2-6	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.03	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 17 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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

REACTIONS. (lb/size) 2=295/0-3-8, 6=145/Mechanical
Max Horz 2=106(LC 12)
Max Uplift 2=-57(LC 12), 6=-16(LC 12)
Max Grav 2=295(LC 1), 6=150(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 4-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 57 lb uplift at joint 2 and 16 lb uplift at joint 6.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4

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Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963697
J182286	J03	Jack-Open	4	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:03 2018 Page 1
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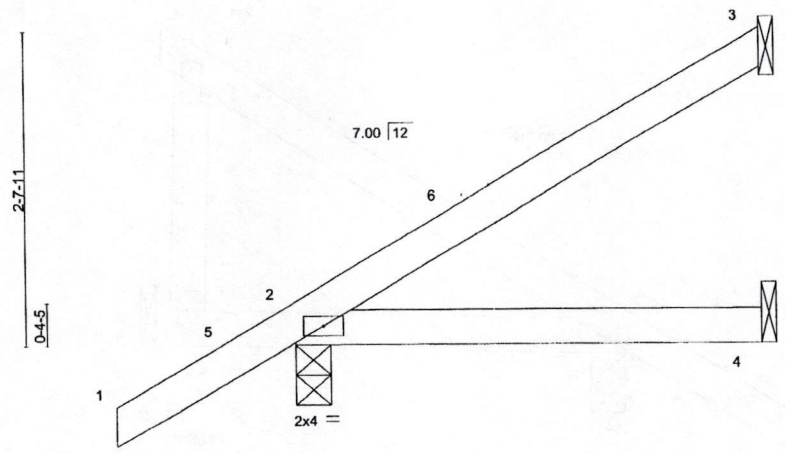


3-10-15 / 3-10-15

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.20	Vert(LL)	-0.01	2-4	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	-0.03	2-4	>999	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 14 lb	FT = 20%

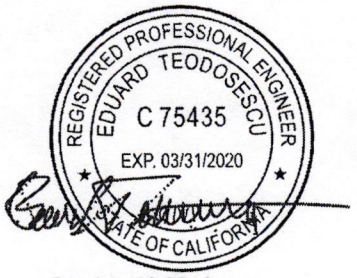
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=101/Mechanical, 2=300/0-3-8, 4=37/Mechanical
Max Horz 2=104(LC 12)
Max Uplift 3=-37(LC 12), 2=-58(LC 12)
Max Grav 3=104(LC 17), 2=300(LC 1), 4=74(LC 3)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 3-10-3 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 37 lb uplift at joint 3 and 58 lb uplift at joint 2.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



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Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963698
J182286	J04	Jack-Open	14	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:03 2018 Page 1
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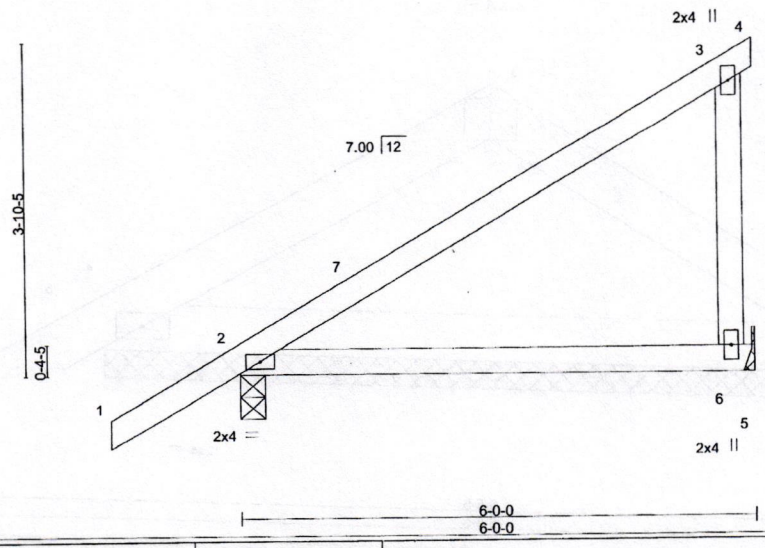

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.49	Vert(LL)	-0.05	2-6	>999	240	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.32	Vert(CT)	-0.15	2-6	>440	180		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	0.00		n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 24 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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

REACTIONS. (lb/size) 2=374/0-3-8, 6=242/Mechanical
Max Horz 2=140(LC 12)
Max Uplift 2=-46(LC 12), 6=-37(LC 12)
Max Grav 2=374(LC 1), 6=247(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) -1-6-0 to 1-6-0, Interior(1) 1-6-0 to 6-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
3) * 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 2-0-0 wide will fit between the bottom chord and any other members.
4) A plate rating reduction of 20% has been applied for the green lumber members.
5) Refer to girder(s) for truss to truss connections.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 2 and 37 lb uplift at joint 6.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4

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Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963699
J182286	PB1	Piggyback	17	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:04 2018 Page 1
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3-2-11 | 6-5-5 | 3-2-11 | 3-2-11

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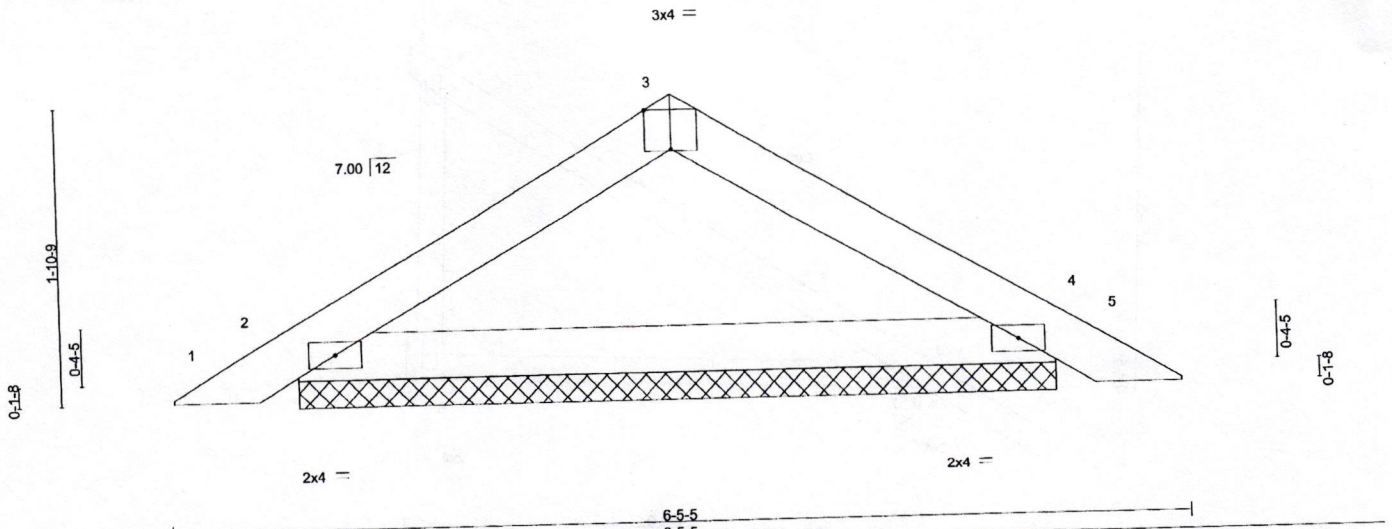


Plate Offsets (X,Y)-- [3:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.08	Vert(LL)	0.00	5	n/r	120	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.24	Vert(CT)	0.01	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 17 lb	FT = 20%

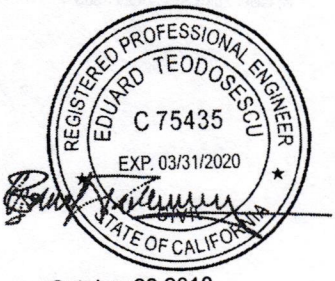
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

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

REACTIONS. (lb/size) 2=246/4-9-7, 4=246/4-9-7
Max Horz 2=35(LC 11)
Max Uplift 2=-30(LC 12), 4=-30(LC 12)

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

NOTES- (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 2 and 30 lb uplift at joint 4.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
9) TRUSSES IN THIS JOB COMPLY WITH
10) CBC 2016 SECTION 2303.4



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Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct
J182286	PB2	Piggyback	2	2	R55963700

Job Reference (optional)

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:05 2018 Page 1
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3-2-11 6-5-5
3-2-11 3-2-11

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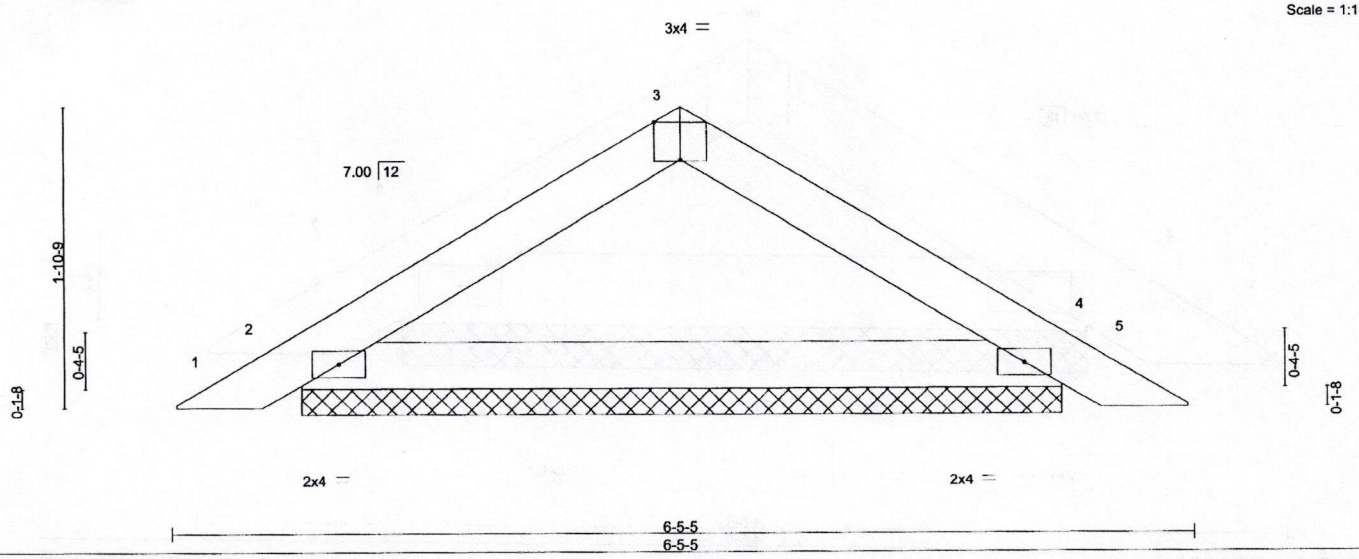


6-5-5
6-5-5

Plate Offsets (X,Y)-- [3:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	0.00	4	n/r	120	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	0.00	5	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 33 lb	FT = 20%

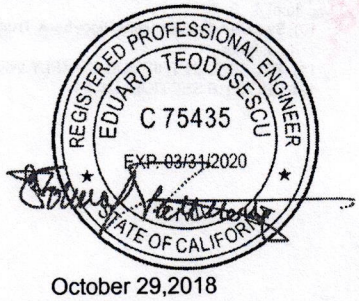
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

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

REACTIONS. (lb/size) 2=246/4-9-7, 4=246/4-9-7
Max Horz 2=35(LC 11)
Max Uplift 2=-30(LC 12), 4=-30(LC 12)

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

NOTES- (11-12)
1) 2-ply truss to be connected together as follows:
Top chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected with 10d (0.131"x3") nails 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 roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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 2-0-0 wide will fit between the bottom chord and any other members.
8) A plate rating reduction of 20% has been applied for the green lumber members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 2 and 30 lb uplift at joint 4.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
11) TRUSSES IN THIS JOB COMPLY WITH
12) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

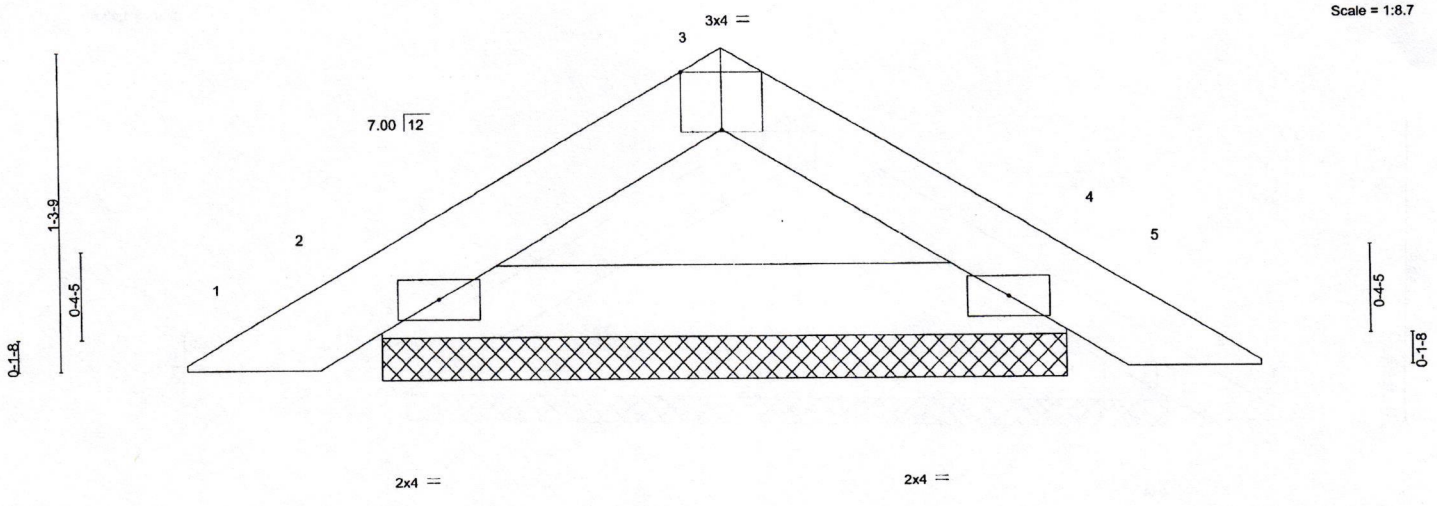
Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963701
J182286	PB3	Piggyback	2	2	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:06 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-kzB9e4lkLusW1UFLpBWHhSiXol6mFkM25ZfjLVyObhF

2-2-11 / 2-2-11 — 4-5-5 / 2-2-11

Scale = 1:8.7



4-5-5 / 4-5-5

Plate Offsets (X,Y)-- [3:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.01	Vert(LL)	0.00	4	n/r	120	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.04	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 21 lb	FT = 20%

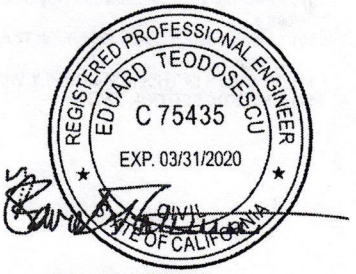
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=158/2-9-7, 4=158/2-9-7
Max Horz 2=23(LC 11)
Max Uplift 2=-24(LC 12), 4=-24(LC 12)

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

NOTES- (11-12)
1) 2-ply truss to be connected together as follows:
Top chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected with 10d (0.131"x3") nails 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 roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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 2-0-0 wide will fit between the bottom chord and any other members.
8) A plate rating reduction of 20% has been applied for the green lumber members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 24 lb uplift at joint 2 and 24 lb uplift at joint 4.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
11) TRUSSES IN THIS JOB COMPLY WITH
12) CBC 2016 SECTION 2303.4



October 29,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963702
J182286	PB4	Piggyback	11	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:06 2018 Page 1
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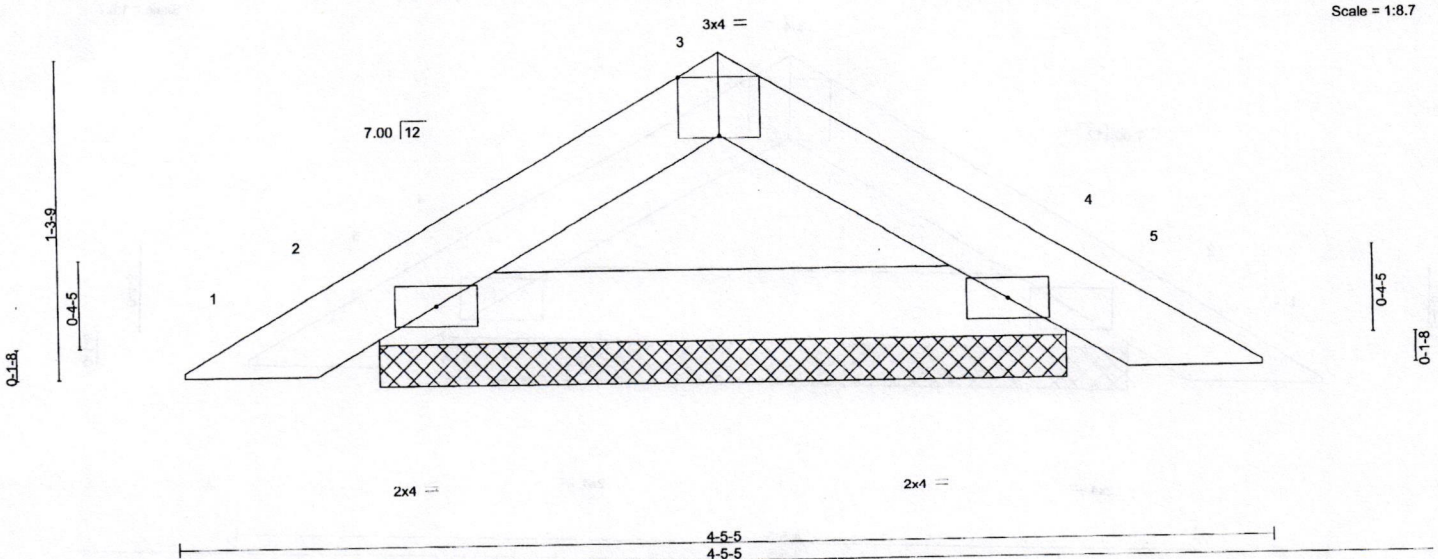
2-2-11 / 2-2-11 — 4-5-5 / 2-2-11

Scale = 1:8.7



4-5-5 / 4-5-5

Plate Offsets (X,Y)-- [3:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	0.00	4	n/r	120	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 11 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=158/2-9-7, 4=158/2-9-7
Max Horz 2=23(LC 11)
Max Uplift 2=-24(LC 12), 4=-24(LC 12)

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

NOTES- (9-10)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 24 lb uplift at joint 2 and 24 lb uplift at joint 4.
8) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
9) TRUSSES IN THIS JOB COMPLY WITH
10) CBC 2016 SECTION 2303.4

REGISTERED PROFESSIONAL ENGINEER
EDUARD TEODOSESCU
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EXP. 03/31/2020
STATE OF CALIFORNIA

October 29,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

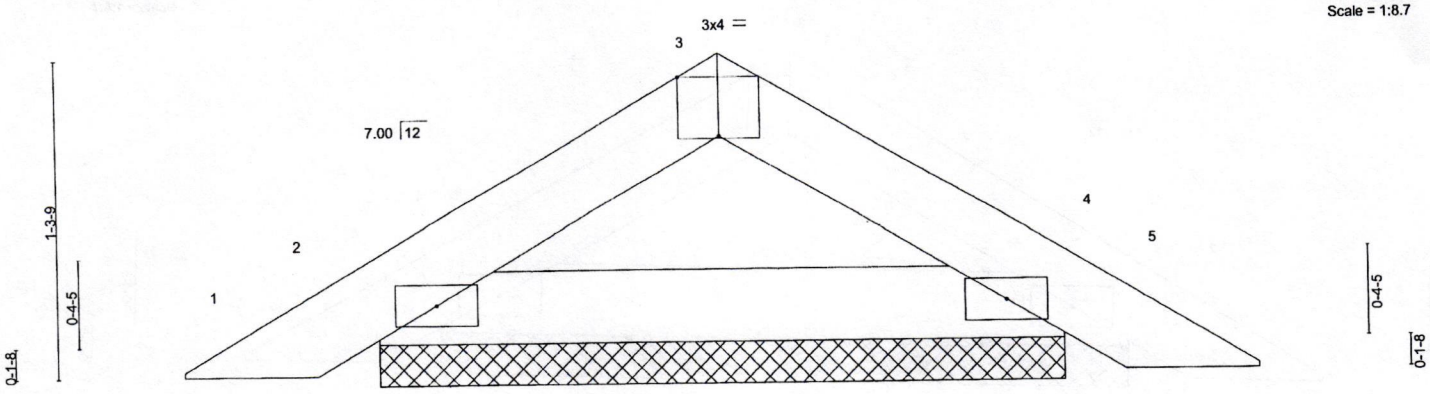
Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963703
J182286	PB5	Piggyback	1	3	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:07 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-C9lXrQmM6B_NfeqYNv1WEgFiciSB_BcBJDPGtxyObhE

2-2-11 / 2-2-11 — 4-5-5 / 2-2-11

Scale = 1:8.7



4-5-5 / 4-5-5

Plate Offsets (X,Y)-- [3:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.01	Vert(LL)	0.00	4	n/r	120	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	0.00	4	n/r	120		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 32 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 2=158/2-9-7, 4=158/2-9-7
Max Horz 2=23(LC 11)
Max Uplift 2=-24(LC 12), 4=-24(LC 12)

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

NOTES- (11-12)
1) 3-ply truss to be connected together as follows:
Top chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 0-9-0 oc.
Bottom chords connected with 10d (0.131"x3") nails 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 roof live loads have been considered for this design.
4) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
5) Gable requires continuous bottom chord bearing.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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 2-0-0 wide will fit between the bottom chord and any other members.
8) A plate rating reduction of 20% has been applied for the green lumber members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 24 lb uplift at joint 2 and 24 lb uplift at joint 4.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
11) TRUSSES IN THIS JOB COMPLY WITH
12) CBC 2016 SECTION 2303.4

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October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963704
J182286	PBG	GABLE	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:08 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-gMJv3mn_tV6EHoPkxcYlmtnt56oXjebLYt8qPNyObhD

3-2-11 / 3-2-11 — 6-5-5 / 3-2-11

Scale = 1:14.3

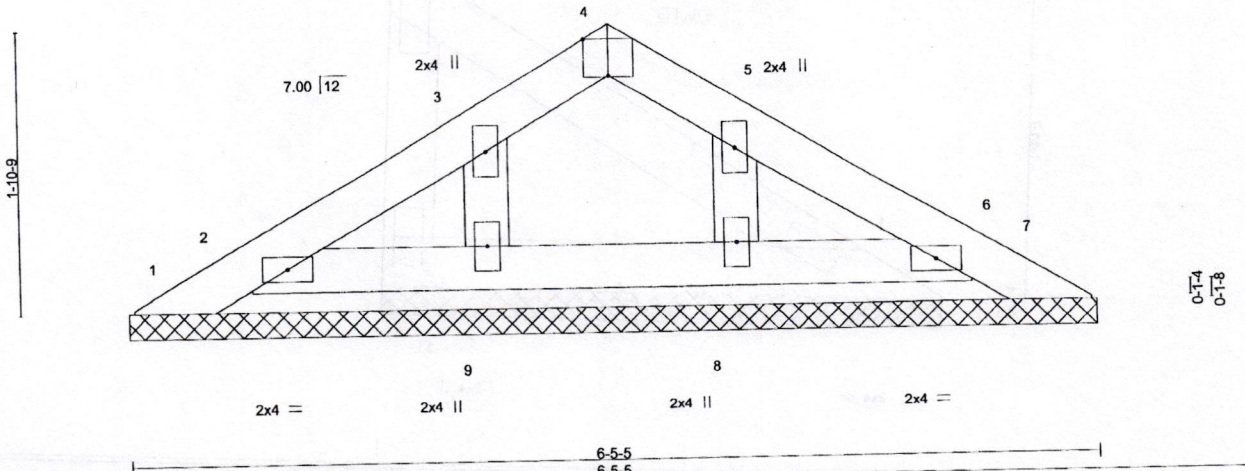

Plate Offsets (X,Y)-- [4:0-2-0,Edge], [5:0-0-1,0-0-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	7	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 18 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
OTHERS 2X4 DF Std G

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

REACTIONS. All bearings 6-5-5.
(lb) - Max Horz 1=-35(LC 10)
Max Uplift All uplift 100 lb or less at joint(s) 1, 7, 2, 6, 9, 8
Max Grav All reactions 250 lb or less at joint(s) 1, 7, 2, 6, 9, 8

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

NOTES- (11-12)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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) Gable requires continuous bottom chord bearing.
5) Gable studs spaced at 1-4-0 oc.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) * 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 2-0-0 wide will fit between the bottom chord and any other members.
8) A plate rating reduction of 20% has been applied for the green lumber members.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7, 2, 6, 9, 8.
10) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
11) TRUSSES IN THIS JOB COMPLY WITH
12) CBC 2016 SECTION 2303.4

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October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963705
J182286	V03	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:08 2018 Page 1
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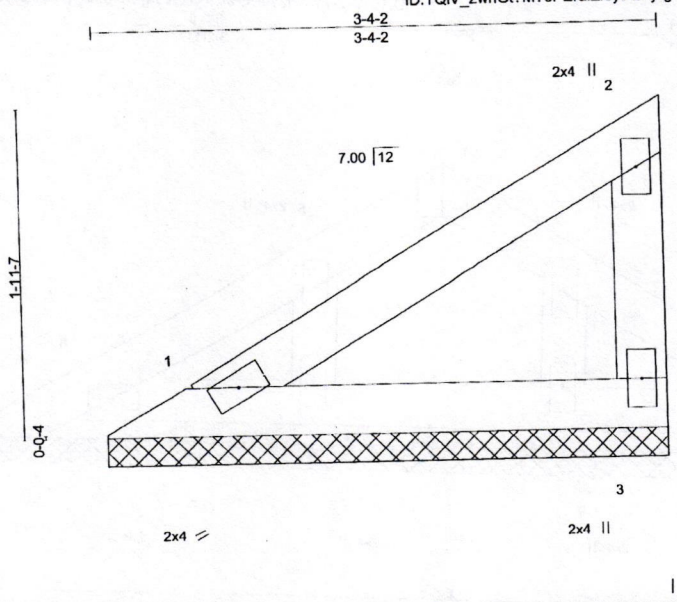


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.12	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 11 lb	FT = 20%

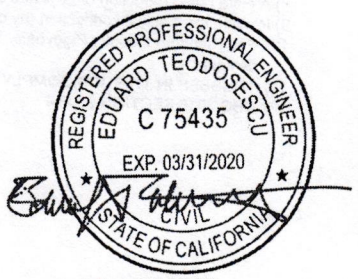
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-4-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=117/3-3-11, 3=117/3-3-11
Max Horz 1=55(LC 11)
Max Uplift 1=-4(LC 12), 3=-12(LC 9)
Max Grav 1=117(LC 1), 3=120(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 3.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963706
J182286	V04	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:09 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-8YtHG6ncepE5vyzwVJ3_J5K_jW6ZS56UnXuNxqyObhC

4-8-10
4-8-10

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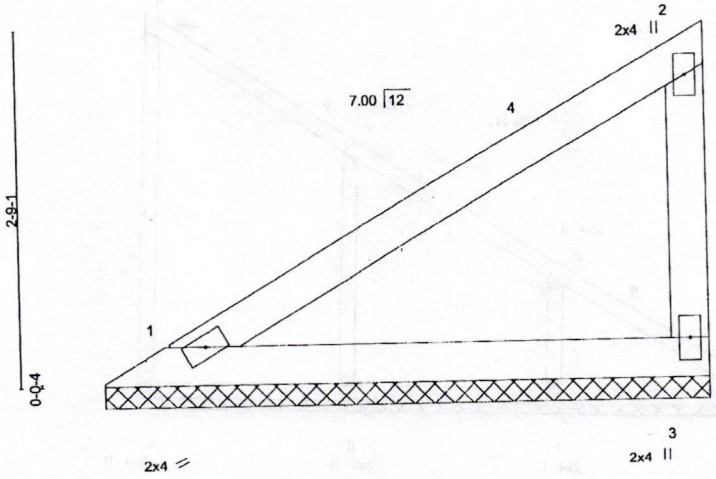


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.29	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.16	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 16 lb	FT = 20%

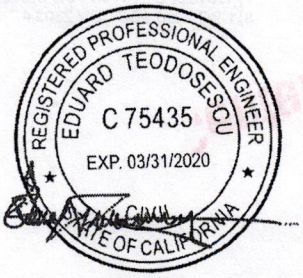
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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

REACTIONS. (lb/size) 1=177/4-8-3, 3=177/4-8-3
Max Horz 1=84(LC 9)
Max Uplift 1=-7(LC 12), 3=-18(LC 9)
Max Grav 1=177(LC 1), 3=182(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-6-8, Interior(1) 3-6-8 to 4-6-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 3.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963707
J182286	V07	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:10 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-ckRgURoFP6MyW5Y721aDslt4VvR5BXYe0BdwUGyObhB

12-7-10
12-7-10

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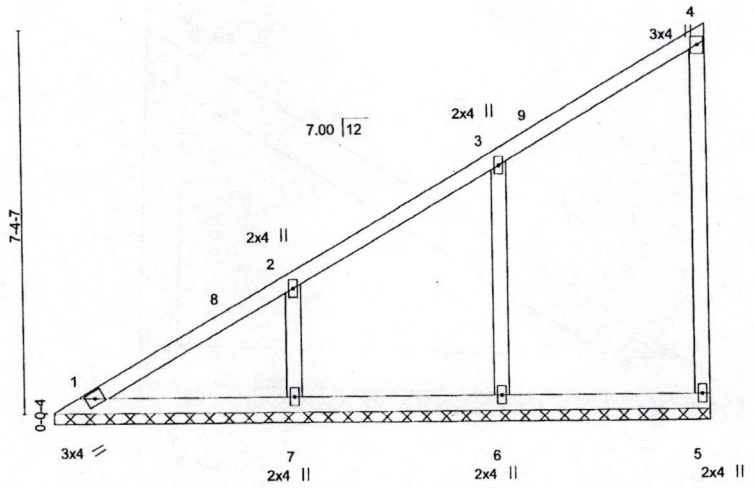


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.61	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.14	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.12	Horz(CT)	-0.00	5	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-S							Weight: 54 lb	FT = 20%

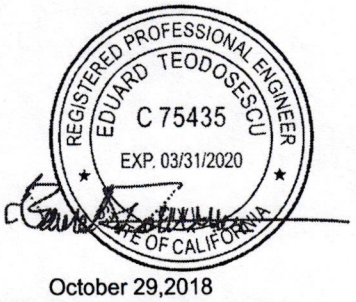
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G
OTHERS 2X4 DF Std G

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. All bearings 12-7-3.
(lb) - Max Horz 1=248(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 5, 6, 7
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 6=437(LC 17), 7=399(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-316/331
WEBS 3-6=-305/153, 2-7=-307/145

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-6-8, Interior(1) 3-6-8 to 12-5-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
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) 5, 6, 7.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963708
J182286	VA01	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:10 2018 Page 1
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10-7-10
10-7-10

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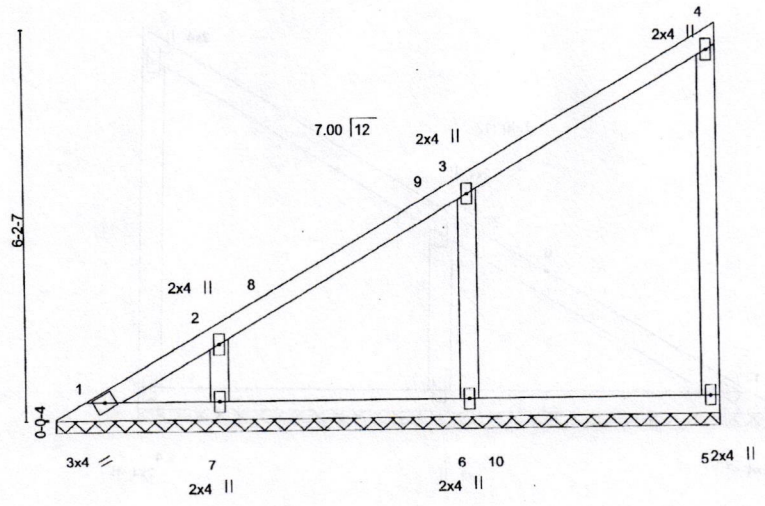


LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.42	Vert(LL) n/a - n/a 999	MT20 220/195
TCDL 14.0	Lumber DOL 1.15	BC 0.13	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.07	Horz(CT) -0.00 5 n/a n/a	Weight: 44 lb FT = 20%
BCDL 10.0	Code IBC2015/TPI2014	Matrix-S		

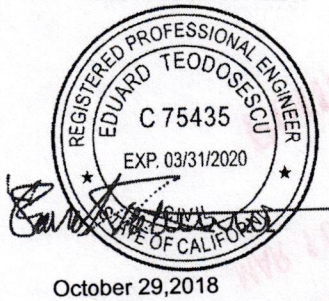
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G
OTHERS 2X4 DF Std G

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. All bearings 10-7-3.
(lb) - Max Horz 1=206(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 1, 5, 6, 7
Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 6=449(LC 17), 7=296(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-290/290
WEBS 3-6=-318/169

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-6-8, Interior(1) 3-6-8 to 10-5-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
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, 6, 7.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963709
J182286	VA02	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:11 2018 Page 1
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8-7-10
8-7-10

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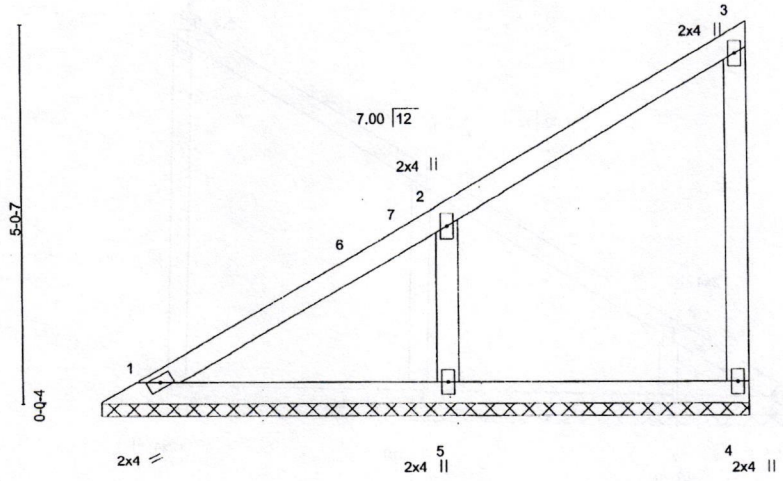


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.06	Horz(CT)	-0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 33 lb	FT = 20%

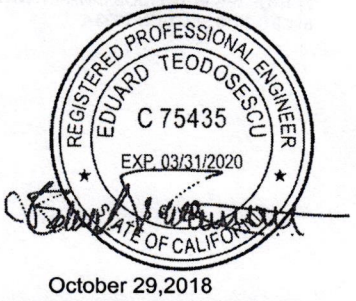
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G
OTHERS 2X4 DF Std G

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=138/8-7-3, 4=125/8-7-3, 5=437/8-7-3
Max Horz 1=165(LC 9)
Max Uplift 4=-25(LC 9), 5=-76(LC 12)
Max Grav 1=153(LC 18), 4=133(LC 17), 5=440(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-346/182

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-6-8, Interior(1) 3-6-8 to 8-5-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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) 4, 5.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

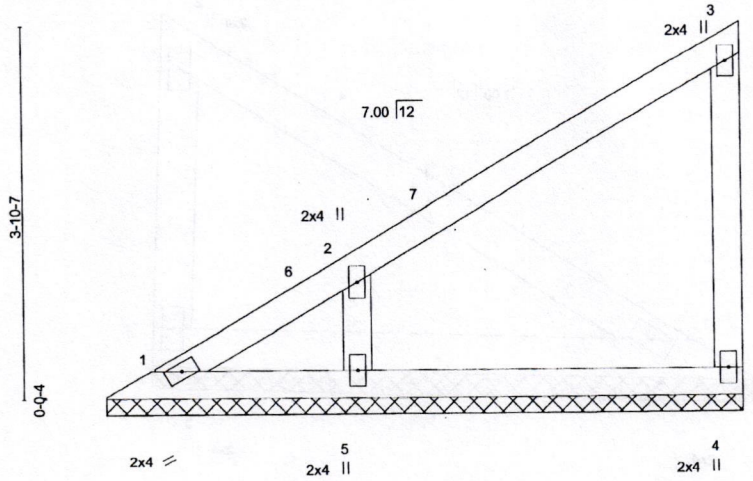
MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963710
J182286	VA03	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:12 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-Y7YQu7qVxkdfmPiVAShxjyW2j8GfS2xTV61Y8yObh9

6-7-10
6-7-10

Scale = 1:22.2



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.22	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.10	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.05	Horz(CT)	0.00	4	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 24 lb	FT = 20%

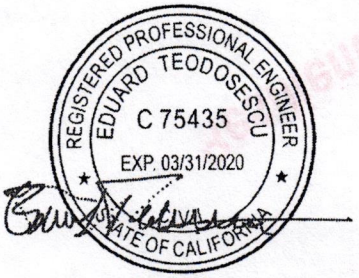
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G
OTHERS 2X4 DF Std G

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=34/6-7-3, 4=138/6-7-3, 5=352/6-7-3
Max Horz 1=123(LC 11)
Max Uplift 1=-5(LC 10), 4=-21(LC 9), 5=-61(LC 12)
Max Grav 1=61(LC 18), 4=144(LC 17), 5=354(LC 17)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 2-5=-282/161

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-6-8, Interior(1) 3-6-8 to 6-5-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 4, 5.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

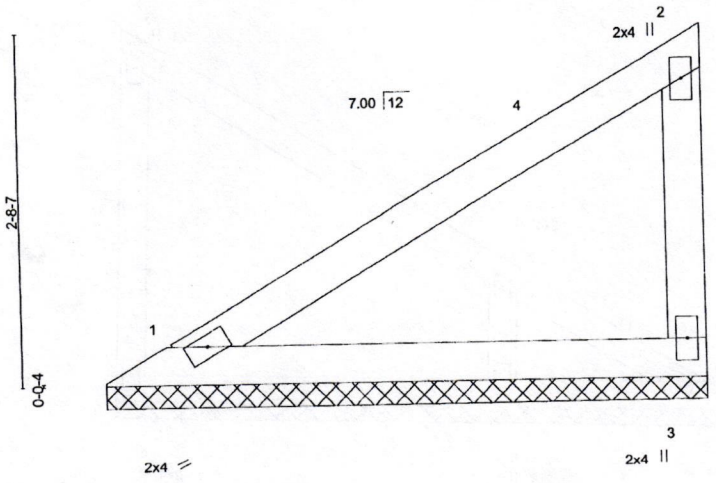
MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R559637411
J182286	VA04	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:12 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-Y7YQu7qVxkdfmPiVASchxjyV9j7NfSrxTV61Y8yObh9

4-7-10
4-7-10

Scale = 1:16.3



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.28	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.15	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 15 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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

REACTIONS. (lb/size) 1=174/4-7-3, 3=174/4-7-3
Max Horz 1=82(LC 9)
Max Uplift 1=-6(LC 12), 3=-17(LC 9)
Max Grav 1=174(LC 1), 3=178(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-6-8, Interior(1) 3-6-8 to 4-5-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 3.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4

REGISTERED PROFESSIONAL ENGINEER
EDUARD TEODOSESCU
C 75435
EXP. 03/31/2020
STATE OF CALIFORNIA

October 29,2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 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, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963712
J182286	VA05	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:13 2018 Page 1
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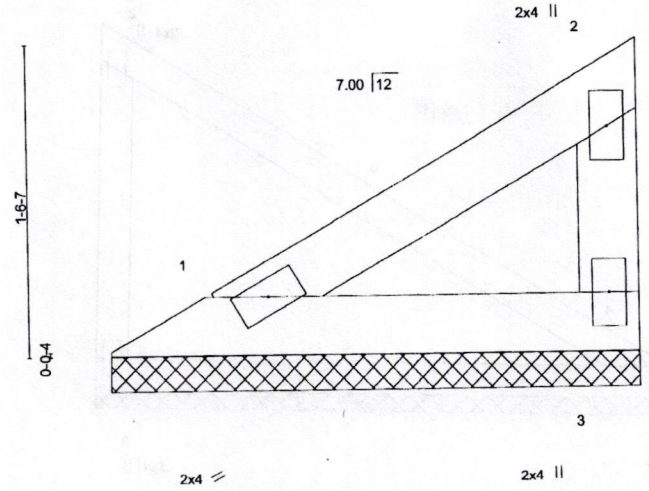
2-7-10
2-7-10

Scale = 1:10.5



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.06	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 8 lb	FT = 20%

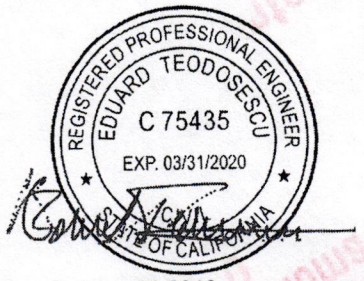
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-7-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=86/2-7-3, 3=86/2-7-3
Max Horz 1=40(LC 11)
Max Uplift 1=-3(LC 12), 3=-9(LC 9)
Max Grav 1=86(LC 1), 3=88(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 3.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963713
J182286	VA06	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:14 2018 Page 1
ID:TQiV_2whGt?M?ePEralZleycQVy-VVgAJprlTLtN?jsuHtf9081oYXn87LLDxpb8d1yObh7

5-9-2
5-9-2

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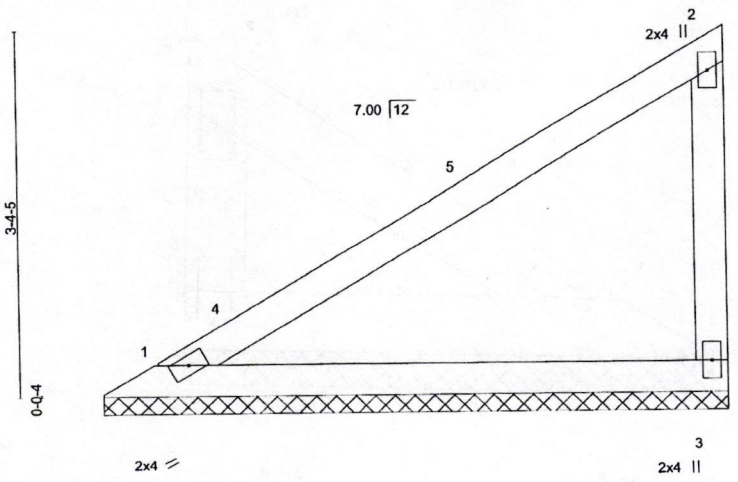


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.47	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 20 lb	FT = 20%

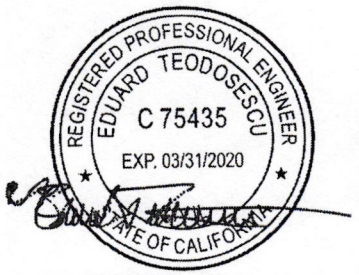
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-9-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=223/5-8-11, 3=223/5-8-11
Max Horz 1=105(LC 9)
Max Uplift 1=-8(LC 12), 3=-22(LC 9)
Max Grav 1=223(LC 1), 3=229(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-6-8, Interior(1) 3-6-8 to 5-7-6 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 3.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	
J182286	VA07	Valley	1	1	Job Reference (optional)	R55963714

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:14 2018 Page 1
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3-9-2

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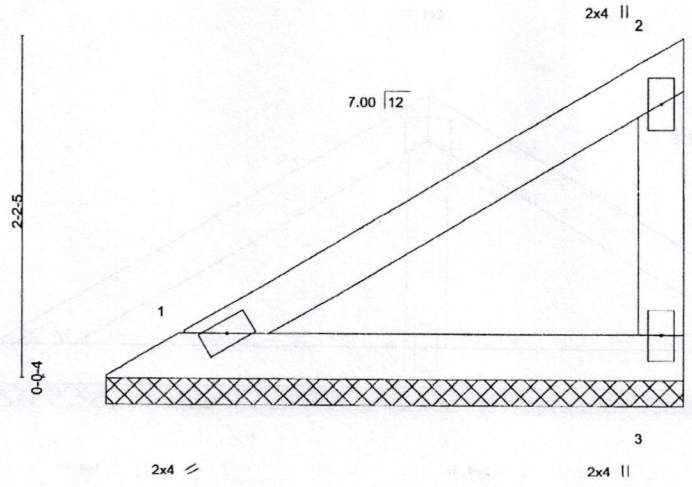


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 12 lb	FT = 20%

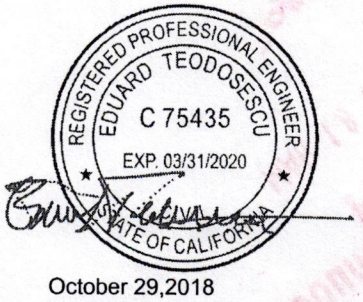
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-9-2 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=135/3-8-11, 3=135/3-8-11
Max Horz 1=64(LC 9)
Max Uplift 1=-5(LC 12), 3=-13(LC 9)
Max Grav 1=135(LC 1), 3=139(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 3.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963715
J182286	VA08	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961,

8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:15 2018 Page 1
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3-7-10 | 7-3-4
3-7-10 | 3-7-10

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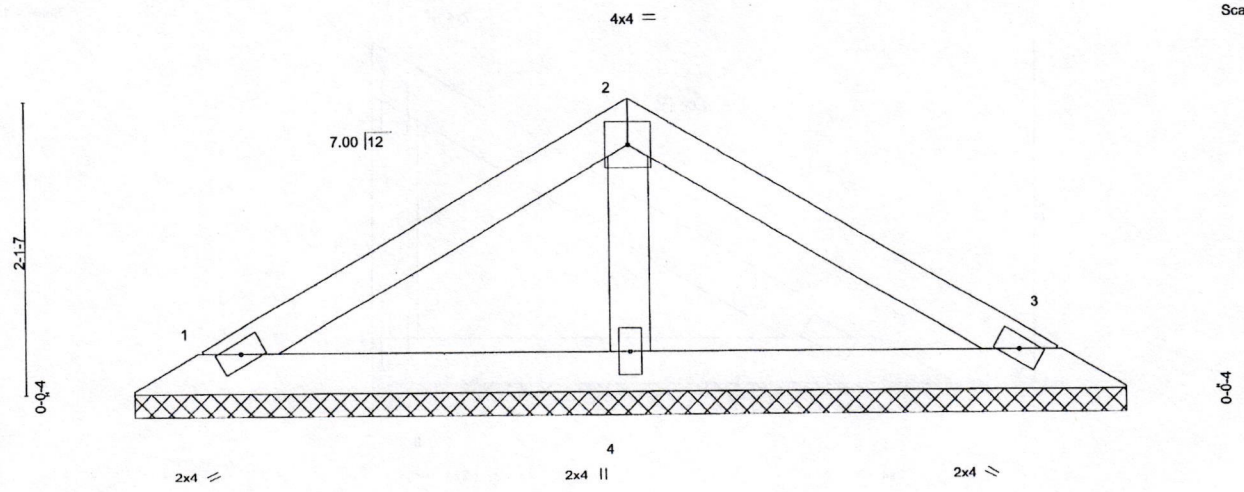

7-2-13 | 7-3-4
7-2-13 | 0-0-7

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.08	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 22 lb	FT = 20%

LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
OTHERS 2X4 DF Std G

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

REACTIONS. (lb/size) 1=144/7-2-7, 3=144/7-2-7, 4=256/7-2-7
Max Horz 1=-37(LC 10)
Max Uplift 1=-22(LC 12), 3=-22(LC 12)

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

NOTES- (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
8) TRUSSES IN THIS JOB COMPLY WITH
9) CBC 2016 SECTION 2303.4

REGISTERED PROFESSIONAL ENGINEER
EDUARD TEODOSESCU
C 75435
EXP. 03/31/2020
STATE OF CALIFORNIA

October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963716
J182286	VA09	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:16 2018 Page 1
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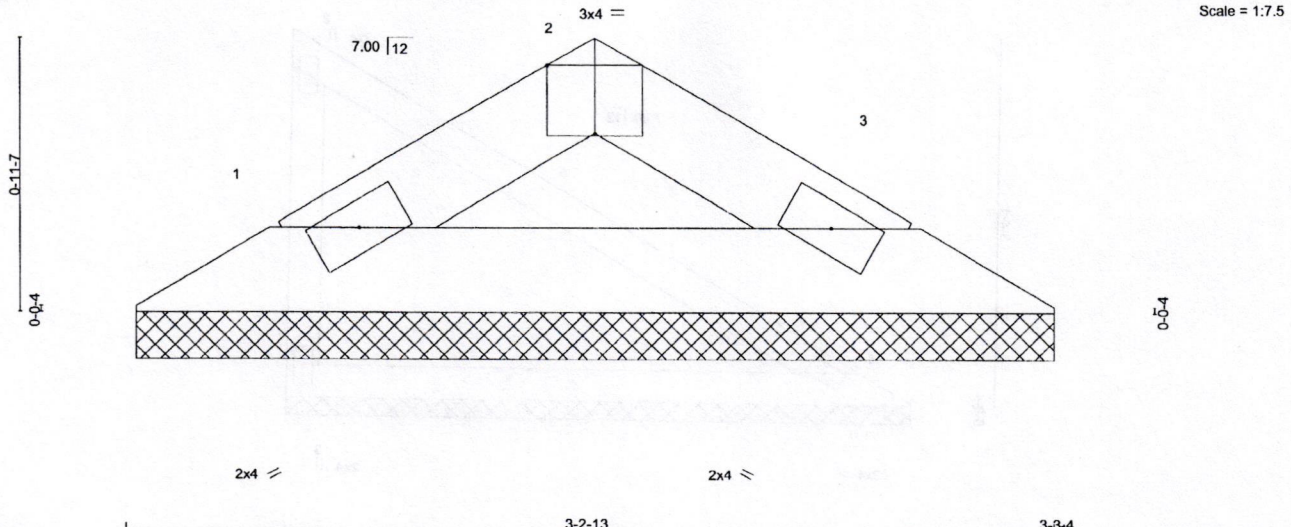


Plate Offsets (X,Y)-- [2:0-2-0,Edge]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.02	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.05	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 8 lb	FT = 20%

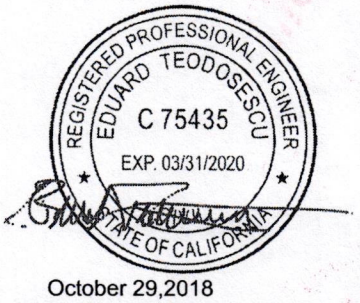
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G

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

REACTIONS. (lb/size) 1=96/3-2-6, 3=96/3-2-6
Max Horz 1=-13(LC 10)
Max Uplift 1=-6(LC 12), 3=-6(LC 12)

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

NOTES- (8-9)
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
8) TRUSSES IN THIS JOB COMPLY WITH
9) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	R55963717
J182286	VD01	Valley	1	1	Job Reference (optional)	

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:16 2018 Page 1
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5-8-10
5-8-10

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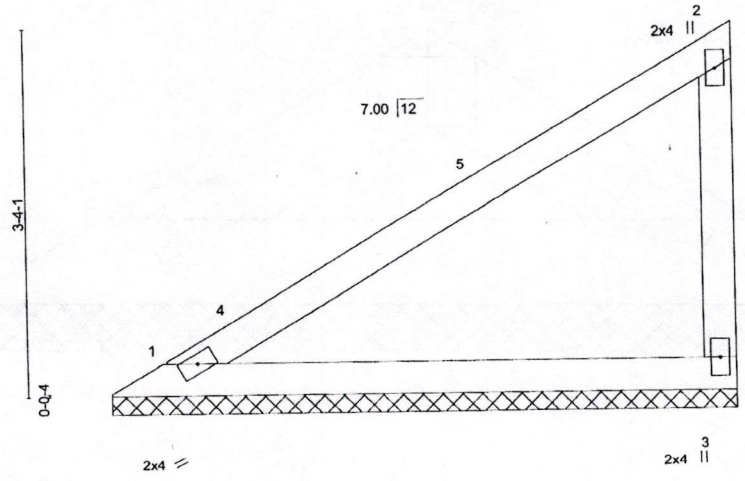


LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.47	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.26	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 20 lb	FT = 20%

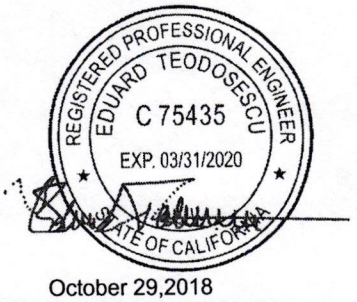
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

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

REACTIONS. (lb/size) 1=221/5-8-3, 3=221/5-8-3
Max Horz 1=104(LC 11)
Max Uplift 1=-8(LC 12), 3=-22(LC 9)
Max Grav 1=221(LC 1), 3=227(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-6-8, Interior(1) 3-6-8 to 5-6-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 3.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct
J182286	VD02	Valley	1	1	R55963718
					Job Reference (optional)

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:17 2018 Page 1
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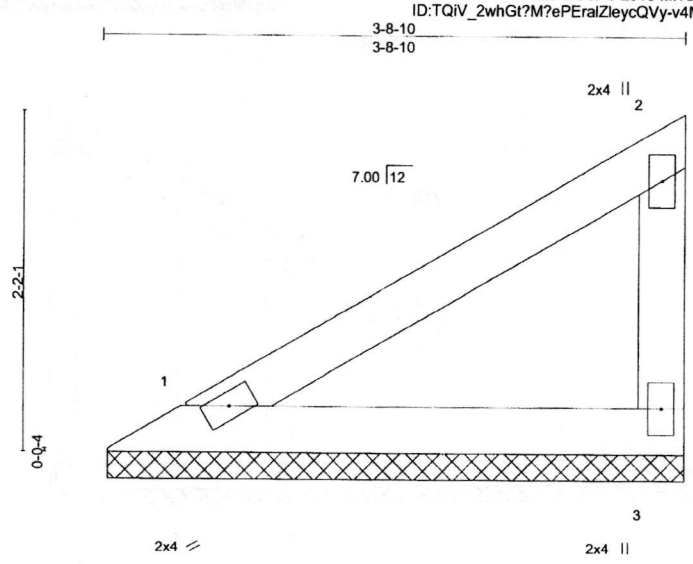

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.09	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.00	Horz(CT)	0.00	3	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 12 lb	FT = 20%

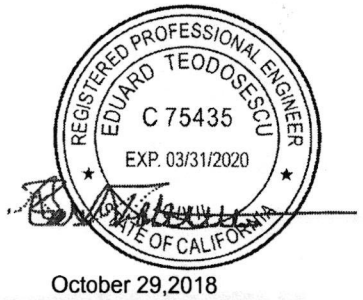
LUMBER-
TOP CHORD 2X4 DF No.2 G
BOT CHORD 2X4 DF No.2 G
WEBS 2X4 DF Std G

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-8-10 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=133/3-8-3, 3=133/3-8-3
Max Horz 1=63(LC 11)
Max Uplift 1=-5(LC 12), 3=-13(LC 9)
Max Grav 1=133(LC 1), 3=137(LC 17)

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

NOTES- (7-8)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) Gable requires continuous bottom chord bearing.
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 2-0-0 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, 3.
7) TRUSSES IN THIS JOB COMPLY WITH
8) CBC 2016 SECTION 2303.4



October 29,2018

MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

Job	Truss	Truss Type	Qty	Ply	270 N. Dover Ct	
J182286	VD03	GABLE	1	1	Job Reference (optional)	R55963719

Homewood Building Supply, Inc., Olivehurst, CA - 95961, 8.220 s Oct 6 2018 MiTek Industries, Inc. Mon Oct 29 09:14:17 2018 Page 1
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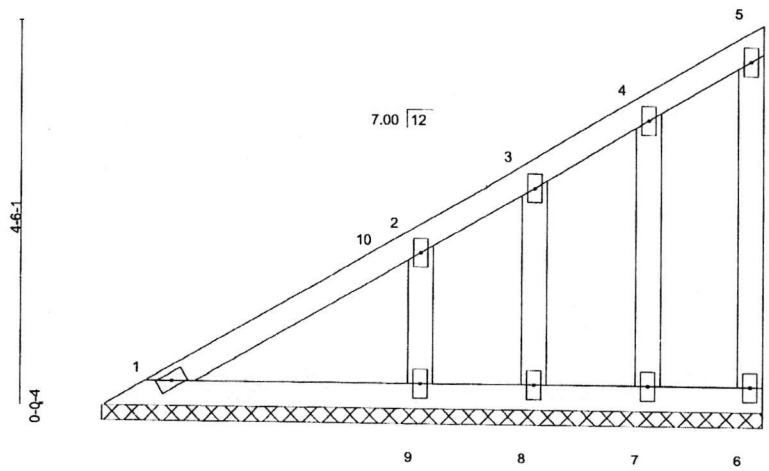
7-8-10

Scale = 1:25.0



LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	20.0	Plate Grip DOL	1.15	TC	0.31	Vert(LL)	n/a	-	n/a	999	MT20	220/195
TCDL	14.0	Lumber DOL	1.15	BC	0.06	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0 *	Rep Stress Incr	YES	WB	0.04	Horz(CT)	-0.00	6	n/a	n/a		
BCDL	10.0	Code IBC2015/TPI2014		Matrix-P							Weight: 37 lb	FT = 20%

LUMBER-

TOP CHORD	2X4 DF No.2 G
BOT CHORD	2X4 DF No.2 G
WEBS	2X4 DF Std G
OTHERS	2X4 DF Std G

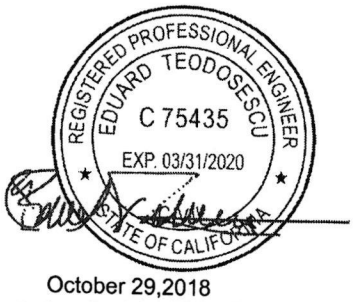
BRACING-

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. All bearings 7-8-10.
(lb) - Max Horz 1=146(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 6, 7, 8, 9
Max Grav All reactions 250 lb or less at joint(s) 1, 6, 7, 8 except 9=289(LC 17)

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

NOTES- (8-9)
1) Wind: ASCE 7-10; Vult=110mph (3-second gust) Vasd=87mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; Enclosed; MWFRS (directional) and C-C Exterior(2) 0-6-8 to 3-8-10, Interior(1) 3-8-10 to 7-6-14 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
2) All plates are 2x4 MT20 unless otherwise indicated.
3) Gable requires continuous bottom chord bearing.
4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
5) * 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 2-0-0 wide will fit between the bottom chord and any other members.
6) A plate rating reduction of 20% has been applied for the green lumber members.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 7, 8, 9.
8) TRUSSES IN THIS JOB COMPLY WITH
9) CBC 2016 SECTION 2303.4

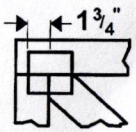


October 29,2018

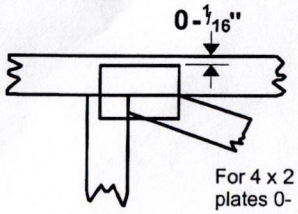
MiTek
7777 Greenback Lane
Suite 109
Citrus Heights, CA 95610

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.

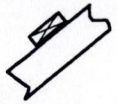
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

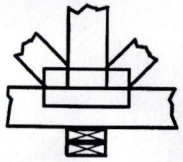
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

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

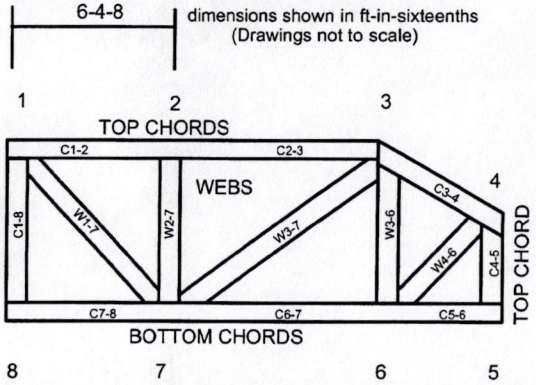


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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®

MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015

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.