Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GC1	MONO TRUSS	12	1	Job Reference (optional)

Universal Forest Products 7.640 s Nov 10 2015 MiTek Ind
ID:QkY7mloGaq0uJzeyrmEkGLyi2GW-tVEDzJk9

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Inspections Division
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Date: 04/11/16

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

LOADING (psf)		SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL	40.0	Plate Grip DOL 1.15	TC 0.74	Vert(LL) -0.02 6 >999 360	MT20 197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC 0.19	Vert(TL) -0.03 6 >999 240	
TCDL	7.0	Rep Stress Incr NO	WB 0.26	Horz(TL) 0.01 5 n/a n/a	
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)		Weight: 43 lb FT = 4%
BCDL	10.0				

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x6 SPF No.2
WEBS 2x4 SPF No.3

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

REACTIONS. (lb/size) 2=652/0-5-8, 5=594/Mechanical
Max Horz 2=152(LC 6)
Max Uplift2=-443(LC 9), 5=-316(LC 9)
Max Grav 2=707(LC 2), 5=691(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-7=-804/278, 3-7=-782/284, 4-5=-345/159
BOT CHORD 2-6=-297/713, 5-6=-297/713
WEBS 3-5=-772/363

JOINT STRESS INDEX
2 = 0.78, 2 = 0.00, 3 = 0.31, 4 = 0.19, 5 = 0.36 and 6 = 0.12

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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) except (jt=lb) 2=443, 5=316.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.
11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-94
Trapezoidal Loads (plf)
Vert: 2=-0(F=10, B=10)-to-5=-42(F=-11, B=-11), 2=-5(F=44, B=44)-to-4=-197(F=-51, B=-51)

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GG1	ROOF TRUSS	4	1	Job Reference (optional)

Universal Forest Products 7.640 s Nov 10 2015 MiTek Ind
ID:uw6V_5puL89lx7D9PTlzpZyi2GV-MhobBfInwl

-1-10-8	3-3-15	6-0-0	10-6-0	15-0-0	17-8-1
1-10-8	3-3-15	2-8-1	4-6-0	4-6-0	2-8-1

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3-3-15	6-0-0	10-6-0	15-0-0	17-8-1	21-0-0
3-3-15	2-8-1	4-6-0	4-6-0	2-8-1	3-3-15

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.62	Vert(LL)	-0.22	10	>999	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.93	Vert(TL)	-0.35	10	>704	240		
TCDL	7.0	Rep Stress Incr NO	WB	0.57	Horz(TL)	0.10	6	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 103 lb	FT = 4%
BCDL	10.0										

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x6 SPF No.2
WEBS 2x4 SPF No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-7-5 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-4-9 oc bracing.

REACTIONS. (lb/size) 2=2338/0-5-8, 6=2338/0-5-8
Max Horz 2=62(LC 8)
Max Uplift2=-1233(LC 9), 6=-1233(LC 9)
Max Grav 2=2526(LC 19), 6=2526(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-4745/2198, 3-12=-4674/2208, 3-13=-5412/2466, 13-14=-5411/2466, 4-14=-5410/2467, 4-15=-5410/2467, 15-16=-5411/2466, 5-16=-5412/2466, 5-17=-4674/2208, 6-17=-4745/2198
BOT CHORD 2-11=-1883/4318, 10-11=-1866/4281, 9-10=-1866/4281, 8-9=-1866/4281, 6-8=-1883/4317
WEBS 3-11=-298/645, 3-10=-502/1298, 4-10=-1095/445, 5-10=-502/1299, 5-8=-298/645

JOINT STRESS INDEX
2 = 0.80, 3 = 0.89, 4 = 0.39, 5 = 0.89, 6 = 0.80, 8 = 0.45, 9 = 0.83, 10 = 0.88 and 11 = 0.45

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1, Lu=50-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1233, 6=1233.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.
11) Girder carries hip end with 6-0-0 end setback.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 513 lb down and 217 lb up at 15-0-0, and 513 lb down and 217 lb up at 6-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-94, 3-5=-177(F=-83), 5-7=-94, 2-11=-20, 8-11=-38(F=-18), 6-8=-20
Concentrated Loads (lb)
Vert: 11=-513(F) 8=-513(F)

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GG1A	HIPSYS	2	1	Job Reference (optional)

Universal Forest Products 7.640 s Nov 10 2015 MiTek Ind
ID:uw6V_5puL89lx7D9PTlzpZyi2GV-quMzO?mQhy2

-1-10-8	6-0-0	11-0-0	16-0-0
1-10-8	6-0-0	5-0-0	5-0-0

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6-1-12	11-0-0	15-10-4	22-0-0
6-1-12	4-10-4	4-10-4	6-1-12

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.77	Vert(LL)	-0.25	10	>999	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.43	Vert(TL)	-0.39	10	>669	240		
TCDL	7.0	Rep Stress Incr NO	WB	0.66	Horz(TL)	0.09	6	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 109 lb	FT = 4%
BCDL	10.0										

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x6 SPF 2100F 1.8E
WEBS 2x4 SPF No.3
WEDGE
Left: 2x4 SPF No.3, Right: 2x4 SPF No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-11-0 oc bracing.

REACTIONS. (lb/size) 2=2441/0-5-8, 6=2441/0-5-8
Max Horz 2=62(LC 8)
Max Uplift2=-1290(LC 9), 6=-1290(LC 9)
Max Grav 2=2600(LC 19), 6=2600(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-5093/2345, 3-12=-5022/2355, 3-13=-6017/2720, 4-13=-6016/2720, 4-14=-6016/2720, 5-14=-6017/2720, 5-15=-5022/2355, 6-15=-5093/2345
BOT CHORD 2-11=-2019/4641, 10-11=-2037/4679, 9-10=-2037/4679, 8-9=-2037/4679, 6-8=-2019/4641
WEBS 3-11=-312/668, 5-8=-312/668, 4-10=-1212/496, 3-10=-583/1501, 5-10=-583/1501

JOINT STRESS INDEX
2 = 0.85, 2 = 0.42, 3 = 0.91, 4 = 0.43, 5 = 0.91, 6 = 0.85, 6 = 0.42, 8 = 0.47, 9 = 0.91, 10 = 0.87 and 11 = 0.47

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1, Lu=50-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=1290, 6=1290.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.
11) Girder carries hip end with 6-0-0 end setback.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 513 lb down and 217 lb up at 16-0-0, and 513 lb down and 217 lb up at 6-0-0 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
13) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-3=-94, 3-5=-177(F=-83), 5-7=-94, 2-11=-20, 8-11=-38(F=-18), 6-8=-20
Concentrated Loads (lb)
Vert: 11=-513(F) 8=-513(F)

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GH1	ROOF TRUSS	4	1	Job Reference (optional)

Universal Forest Products 7.640 s Nov 10 2015 MiTek Ind
ID:M7guBRqW6SHcYGoLzBGCLmyi2GU-quMzO?mQhy2

-1-10-8	8-0-0	13-0-0	21-0-0
1-10-8	8-0-0	5-0-0	8-0-0

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Inspections Division
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Date: 04/11/16

8-0-0	13-0-0	21-0-0
8-0-0	5-0-0	8-0-0

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.83	Vert(LL)	0.18	2-9	>999	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.74	Vert(TL)	-0.28	2-9	>876	240		
TCDL	7.0	Rep Stress Incr YES	WB	0.28	Horz(TL)	0.07	5	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 86 lb	FT = 4%
BCDL	10.0										

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-1-0 oc bracing.

REACTIONS. (lb/size) 2=1369/0-5-8, 5=1369/0-5-8
Max Horz 2=77(LC 8)
Max Uplift2=-830(LC 9), 5=-830(LC 9)
Max Grav 2=1779(LC 19), 5=1779(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-2319/1101, 11-12=-2085/1102, 3-12=-1934/1115, 3-13=-1913/1104, 4-13=-1913/1104, 4-14=-1937/1116, 14-15=-2089/1103, 5-15=-2322/1102
BOT CHORD 2-9=-869/1916, 8-9=-863/1910, 7-8=-863/1910, 5-7=-870/1919
WEBS 3-9=-129/255, 3-7=-354/360, 4-7=-172/323

JOINT STRESS INDEX
2 = 0.77, 3 = 0.97, 4 = 0.93, 5 = 0.77, 7 = 0.54, 8 = 0.78 and 9 = 0.31

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1, Lu=50-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=830, 5=830.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Residen
GARAGES	GH1A	HIPSYS	2	1	Job Reference (optional)

Universal Forest Products 7.640 s Nov 10 2015 MiTek Ind
ID:M7guBRqW6SHcYGoLzBGCLmyi2GU-I4wLcKm2SGBy

-1-10-8	8-0-0	14-0-0	22-0-0
1-10-8	8-0-0	6-0-0	8-0-0

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8-0-0	14-0-0	22-0-0
8-0-0	6-0-0	8-0-0

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.85	Vert(LL)	0.18	2-9	>999	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.76	Vert(TL)	-0.28	2-9	>908	240		
TCDL	7.0	Rep Stress Incr YES	WB	0.31	Horz(TL)	0.08	5	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 89 lb	FT = 4%
BCDL	10.0										

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-10-1 oc bracing.

REACTIONS. (lb/size) 2=1426/0-5-8, 5=1426/0-5-8
Max Horz 2=-77(LC 7)
Max Uplift2=-863(LC 9), 5=-863(LC 9)
Max Grav 2=1808(LC 19), 5=1808(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-2390/1190, 11-12=-2157/1203, 3-12=-1925/1204, 3-13=-1978/1186, 4-13=-1978/1186, 4-14=-1928/1206, 14-15=-2161/1204, 5-15=-2394/1192
BOT CHORD 2-9=-951/1981, 8-9=-945/1974, 7-8=-945/1974, 5-7=-953/1985
WEBS 3-9=-140/279, 3-7=-363/369, 4-7=-178/316

JOINT STRESS INDEX
2 = 0.76, 3 = 0.78, 4 = 0.91, 5 = 0.76, 7 = 0.54, 8 = 0.80 and 9 = 0.31

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=4ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1, Lu=50-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=863, 5=863.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GH2	ROOF TRUSS	4	1	Job Reference (optional)

Universal Forest Products 7.640 s Nov 10 2015 MiTek Ind
ID:M7guBRqW6SHcYGoLzBGCLmyi2GU-mGUjpgngDZJc

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Inspections Division
Approved with Conditions

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Plate Offsets (X,Y)-- [4:0-3-4,0-2-12], [5:0-2-4,0-2-4], [10:0-4-12,0-3-0]

LOADING (psf)		SPACING- 2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL 1.15	TC	0.33	Vert(LL)	0.27	2-10	>900	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.88	Vert(TL)	-0.42	2-10	>584	240		
TCDL	7.0	Rep Stress Incr YES	WB	0.39	Horz(TL)	0.10	7	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 97 lb	FT = 4%
BCDL	10.0										

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-10-0 oc bracing.

REACTIONS. (lb/size) 2=1369/0-5-8, 7=1369/0-5-8
Max Horz 2=92(LC 8)
Max Uplift2=-830(LC 9), 7=-830(LC 9)
Max Grav 2=2003(LC 19), 7=2003(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-3072/1154, 11-12=-2920/1155, 12-13=-2918/1155, 3-13=-2855/1164, 3-14=-2298/979, 4-14=-2159/987, 4-15=-2010/964, 5-15=-2011/964, 5-16=-2178/995, 6-16=-2313/987, 6-17=-2864/1168, 17-18=-2929/1160, 18-19=-2929/1159, 7-19=-3080/1159
BOT CHORD 2-10=-940/2649, 9-10=-681/2017, 7-9=-945/2659
WEBS 3-10=-699/286, 4-10=-235/469, 5-10=-291/275, 5-9=-213/384, 6-9=-693/283

JOINT STRESS INDEX
2 = 0.83, 3 = 0.40, 4 = 0.88, 5 = 0.82, 6 = 0.40, 7 = 0.83, 9 = 0.54 and 10 = 0.69

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1, Lu=50-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=830, 7=830.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GH2A	HIPSYS	2	1	Job Reference (optional)

Universal Forest Products 7.640 s Nov 10 2015 MiTek Ind
ID:qJDGPnr8tlPTAQNXXunRu_yi2GT-mGUjpgngDZJc

-1-10-8	5-3-15	10-0-0	12-0-0	16-8-1
1-10-8	5-3-15	4-8-1	2-0-0	4-8-1

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Inspections Division
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Date: 04/11/16

10-0-0	12-0-0	22-0-0
10-0-0	2-0-0	10-0-0

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.33	Vert(LL)	0.29	7-9	>882	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.90	Vert(TL)	-0.45	7-9	>577	240		
TCDL	7.0	Rep Stress Incr YES	WB	0.34	Horz(TL)	0.10	7	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 100 lb	FT = 4%
BCDL	10.0										

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

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-7-4 oc bracing.

REACTIONS. (lb/size) 2=1426/0-5-8, 7=1426/0-5-8
Max Horz 2=-92(LC 7)
Max Uplift2=-863(LC 9), 7=-863(LC 9)
Max Grav 2=2032(LC 19), 7=2032(LC 19)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-12=-3148/1233, 12-13=-2997/1235, 13-14=-2997/1243, 3-14=-2845/1244, 3-15=-2367/1060, 4-15=-2228/1068, 4-16=-2055/1031, 5-16=-2055/1031, 5-17=-2222/1066, 6-17=-2361/1058, 6-18=-2848/1245, 18-19=-2999/1244, 19-20=-3000/1236, 7-20=-3151/1234
BOT CHORD 2-11=-1014/2721, 10-11=-741/2047, 9-10=-741/2047, 7-9=-1016/2724
WEBS 3-11=-719/288, 4-11=-226/416, 5-11=-257/282, 5-9=-234/420, 6-9=-730/294

JOINT STRESS INDEX
2 = 0.80, 3 = 0.42, 4 = 0.86, 5 = 0.83, 6 = 0.42, 7 = 0.80, 9 = 0.54, 10 = 0.71 and 11 = 0.78

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1, Lu=50-0-0
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) Provide adequate drainage to prevent water ponding.
6) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=863, 7=863.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GJ6	JACK	36	1	Job Reference (optional)

Universal Forest Products

7.640 s Nov 10 2015 MiTek Ind
ID:qJDGPnr8tlPTAQNXXunRu_yi2GT-ET2610oI_t

-1-10-8 | 6-0-0
1-10-8 | 6-0-0

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LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.43	Vert(LL)	0.09	2-4	>731	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.35	Vert(TL)	-0.16	2-4	>430	240		
TCDL	7.0	Rep Stress Incr YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 22 lb	FT = 4%
BCDL	10.0										

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2

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) 3=232/Mechanical, 2=560/0-5-8, 4=57/0-1-8
Max Horz 2=195(LC 9)
Max Uplift3=-138(LC 9), 2=-332(LC 9), 4=-56(LC 5)
Max Grav 3=335(LC 16), 2=588(LC 2), 4=114(LC 4)

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

JOINT STRESS INDEX
2 = 0.53

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left exposed ; end vertical left exposed; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 4 except (jt=lb) 3=138, 2=332.
10) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GT1	ROOF TRUSS	42	1	Job Reference (optional)

Universal Forest Products

7.640 s Nov 10 2015 MiTek Ind
ID:qJDGPnr8tlPTAQNXXunRu_yi2GT-ifbUEMpwl

-1-10-8	5-6-15	10-6-0	15-5-1
1-10-8	5-6-15	4-11-1	4-11-1

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7-2-10	13-9-6	21-0-0
7-2-10	6-6-12	7-2-10

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

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.33	Vert(LL)	0.12	10-12	>999	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.56	Vert(TL)	-0.17	10-12	>999	240		
TCDL	7.0	Rep Stress Incr YES	WB	0.28	Horz(TL)	0.07	8	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 91 lb	FT = 4%
BCDL	10.0										

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-9-3 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-11-12 oc bracing.

REACTIONS. (lb/size) 2=1369/0-5-8, 8=1369/0-5-8
Max Horz 2=98(LC 8)
Max Uplift2=-830(LC 9), 8=-830(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-2153/1178, 3-13=-2049/1188, 3-4=-1866/1141, 4-14=-1782/1144, 5-14=-1774/1153, 5-15=-1774/1153, 6-15=-1782/1144, 6-7=-1866/1141, 7-16=-2049/1188, 8-16=-2153/1178
BOT CHORD 2-12=-953/1863, 11-12=-592/1334, 10-11=-592/1334, 8-10=-952/1863
WEBS 3-12=-475/223, 5-12=-384/636, 5-10=-384/635, 7-10=-475/223

JOINT STRESS INDEX
2 = 0.97, 3 = 0.31, 4 = 0.74, 5 = 0.81, 6 = 0.74, 7 = 0.31, 8 = 0.97, 10 = 0.60, 11 = 0.60 and 12 = 0.60

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=830, 8=830.
8) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	GT1A	ROOF TRUSS	4	1	Job Reference (optional)

Universal Forest Products

7.640 s Nov 10 2015 MiTek Ind
ID:IVnec7rme3XKoaxk4cJgRByi2GS-ifbUEMpwl

-1-10-8	5-8-5	11-0-0	16-3-11
1-10-8	5-8-5	5-3-11	5-3-11

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 04/11/16

7-4-7	14-7-9	22-0-0
7-4-7	7-3-2	7-4-7

LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.** in (loc) l/defl L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.34	Vert(LL) 0.15 10-12 >999 360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.60	Vert(TL) -0.22 10-12 >999 240		
TCDL	7.0	Rep Stress Incr YES	WB	0.31	Horz(TL) 0.07 8 n/a n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)			Weight: 95 lb	FT = 4%
BCDL	10.0						

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2
WEBS 2x4 SPF No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-7-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 5-9-5 oc bracing.

REACTIONS. (lb/size) 2=1426/0-5-8, 8=1426/0-5-8
Max Horz 2=101(LC 8)
Max Uplift2=-863(LC 9), 8=-863(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-13=-2289/1258, 3-13=-2185/1267, 3-4=-1993/1215, 4-14=-1903/1221, 5-14=-1894/1231, 5-15=-1894/1231, 6-15=-1903/1221, 6-7=-1993/1215, 7-16=-2185/1267, 8-16=-2289/1258
BOT CHORD 2-12=-1025/1987, 11-12=-629/1407, 10-11=-629/1407, 8-10=-1025/1987
WEBS 3-12=-507/235, 5-12=-416/693, 5-10=-416/693, 7-10=-507/235

JOINT STRESS INDEX
2 = 0.66, 3 = 0.31, 4 = 0.46, 5 = 0.94, 6 = 0.46, 7 = 0.31, 8 = 0.66, 10 = 0.65, 11 = 0.76 and 12 = 0.65

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=863, 8=863.
8) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
9) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	J2A	JACK	24	1	Job Reference (optional)

Universal Forest Products

7.640 s Nov 10 2015 MiTek Ind
ID:lVnec7rme3XKoaxk4cJgRByi2GS-Ar9sSipYWU

-1-10-8 | 1-10-15
1-10-8 | 1-10-15

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LOADING (psf)		**SPACING-** 2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	40.0	Plate Grip DOL 1.15	TC	0.28	Vert(LL)	-0.00	2	>999	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL 1.15	BC	0.03	Vert(TL)	-0.00	2-4	>999	240		
TCDL	7.0	Rep Stress Incr YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007	(Matrix)							Weight: 10 lb	FT = 4%
BCDL	10.0										

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2

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=-6/Mechanical, 2=380/0-5-8, 4=19/Mechanical
Max Horz 2=102(LC 9)
Max Uplift3=-160(LC 13), 2=-232(LC 9)
Max Grav 3=299(LC 16), 2=539(LC 13), 4=37(LC 4)

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

JOINT STRESS INDEX
2 = 0.52

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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) except (jt=lb) 3=160, 2=232.
9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
10) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Portland Retirement Resider
GARAGES	J4A	JACK	24	1	Job Reference (optional)

Universal Forest Products 7.640 s Nov 10 2015 MiTek Ind
ID:QkY7mloGaq0uJzeyrmEkGLyi2GW-Ar9sSipYWI

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LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.15	TC	0.33	Vert(LL)	0.02	2-4	>999	360	MT20	197/144
(Roof Snow=40.0)		Lumber DOL	1.15	BC	0.13	Vert(TL)	-0.03	2-4	>999	240		
TCDL	7.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a	n/a		
BCLL	0.0	Code IBC2009/TPI2007		(Matrix)							Weight: 16 lb	FT = 4%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x4 SPF No.2

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=113/Mechanical, 2=462/0-5-8, 4=36/0-1-8
Max Horz 2=147(LC 9)
Max Uplift3=-81(LC 13), 2=-290(LC 9), 4=-35(LC 5)
Max Grav 3=317(LC 16), 2=534(LC 13), 4=72(LC 4)

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

JOINT STRESS INDEX
2 = 0.50

NOTES-
1) Wind: ASCE 7-05; 100mph; TCDL=4.2psf; BCDL=5.0psf; h=58ft; B=44ft; L=50ft; eave=7ft; Cat. II; Exp B; Kd 1.00; enclosed; MWFRS (all heights); cantilever left exposed ; end vertical left exposed; porch left exposed; Lumber DOL=1.60 plate grip DOL=1.60
2) TCLL: ASCE 7-05; Pf=40.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.1
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 40.0 psf on overhangs non-concurrent with other live loads.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
7) Refer to girder(s) for truss to truss connections.
8) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 4 except (jt=lb) 2=290.
10) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
11) This truss has been designed for a moving concentrated load of 200.0lb live and 100.0lb dead located at all mid panels and at all panel points along the Top Chord, nonconcurrent with any other live loads.

LOAD CASE(S) Standard