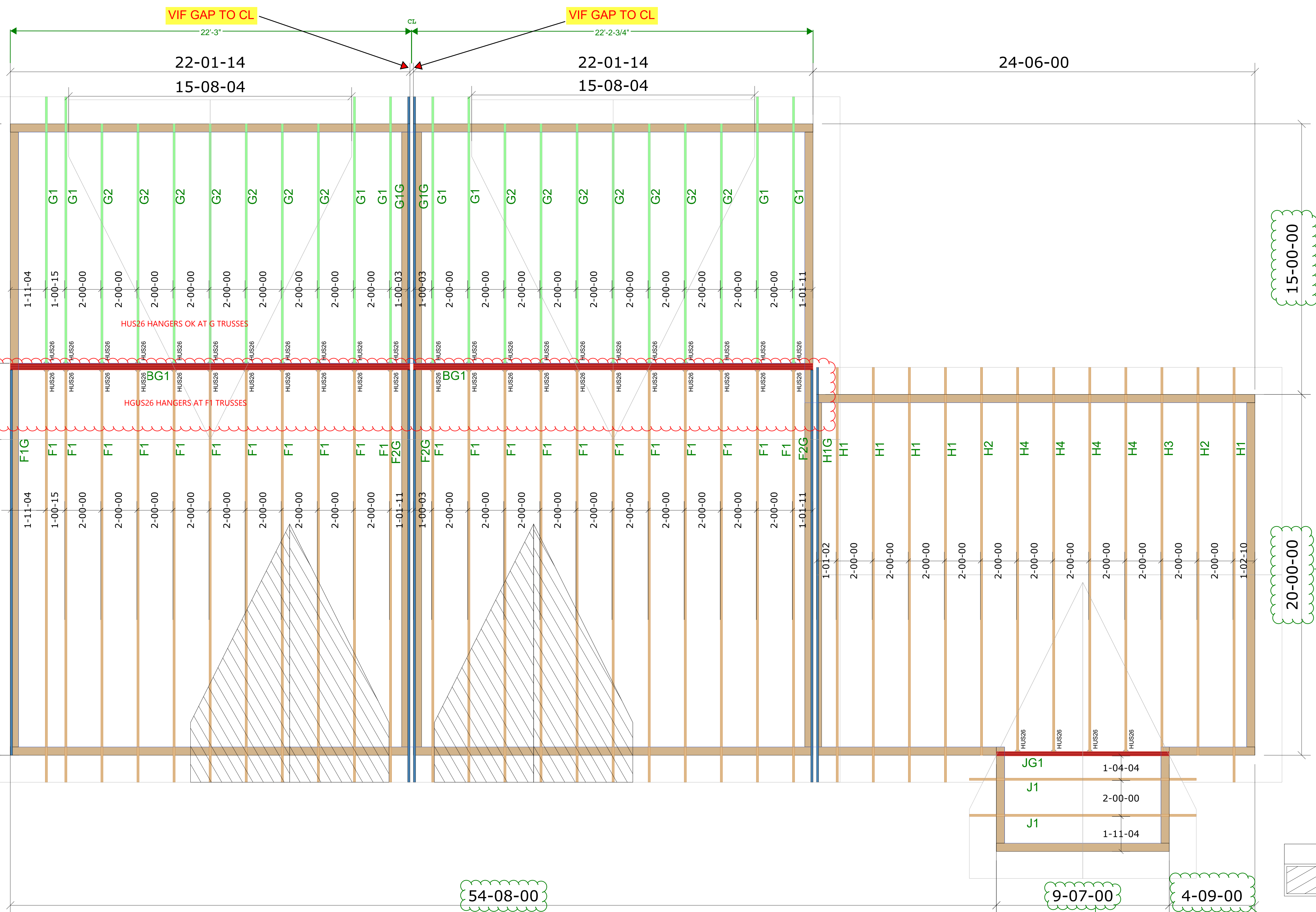


Actual dimensions have been field verified by KOCON. Arch/Structural Engineer to confirm clouded dimensions needed that are not shown on plans.

Arch/Engr Verify Scaled dimensions.
Notes for AOR/EOR:
- 34'-6" on Arch Dwgs

35'-0" CONFIRMED
Arch/Eng Verify these dimensions



Arch/Eng Verify.
14'-6" on Arch Dwgs
USE FIELD VERIFIED DIM. 15'-2"

Field Verified Actual: 20'-0
20'-0" CONFIRMED

Field Verified Actual: 54'-8"
- 54'-8" on Structural
USE FIELD VERIFIED DIM: 54'-8"

Field Verified Actual: 9'-6 3/4"
Notes for AOR/EOR:
- 9'-7" on Structural
- 5'-3" on Structural
- 4'-11-3/4" on Architectural
USE FIELD VERIFIED DIM. 9'-6 3/4" + OVERHANG

Field Verified Actual: 4'-9"
Notes for AOR/EOR:
- 5'-3" on Structural
- 4'-11-3/4" on Architectural
USE FIELD VERIFIED DIM: 4'-9"

Hatch Legend

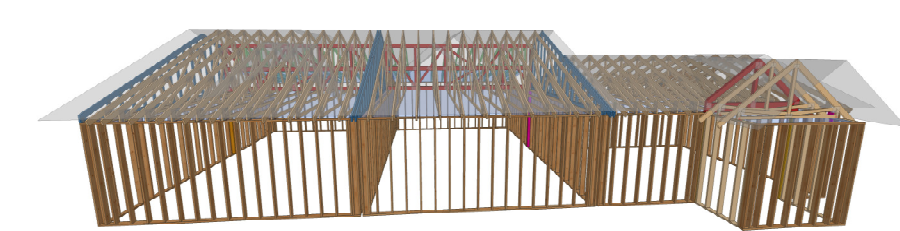
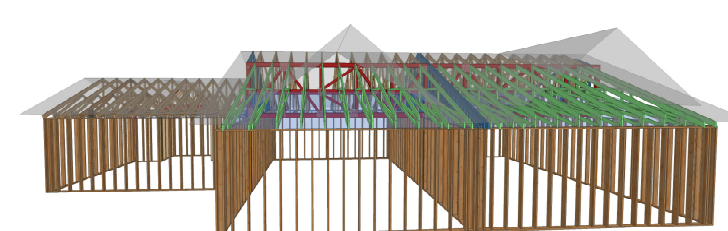
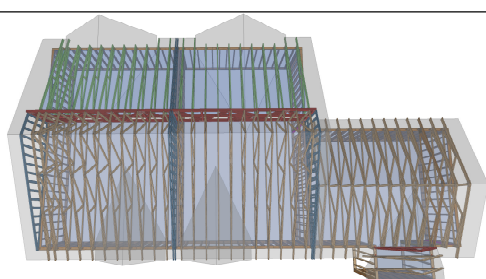
	Framing By Others
--	-------------------

- Notes:**
- 1) All Walls Shown Are Load Bearing.
 - 2) All Beams And Headers Are By Others.
 - 3) Truss Connections Are Toe-Nailed U.N.O.
 - 4) Verify ALL Truss Profiles
 - 5) Verify ALL Dimensions

Roof Area : 3019.89	16-01-08
Raked Overhang : 307.25	Field Inches (ft)
Horizontal Overhang : 227.31	
Ridge : 118.35	
Valley : 157.4	
Hip : 0	Ceiling Area : 2419.7

Truss Connector Total List

Manuf	Product	Qty
Simpson	HUS26	48



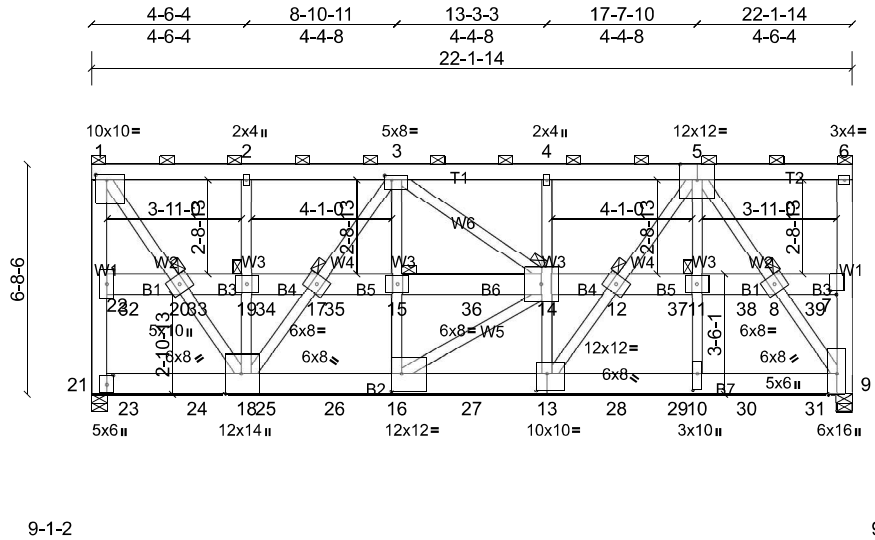
THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual building components to be incorporated into the building design as the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing. The building designer is responsible for temporary and permanent bracing of the roof and floor system and for the overall structure. The design of the truss support structure including headers, beams, walls, and columns is the responsibility of the building designer. For general guidance regarding bracing, consult "Bracing of wood trusses" available from the Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53178.

Apine LUMBER
6148 Hwy 149 Road
Montrose, CO 81403
Phone: 970-249-0811 Fax: 970-249-1286

Customer:
KOCON LLC
2075 WALTON CREEK RD
STEAMBOAT SPRINGS, CO
BUILDING 2

Scale : 3/8" = 1'
Date: 8/21/2025
Building Code: IBC 2021
Drawn By: Henry Wolfe
Job Number: Q250434

Job Q250434	Truss BG1	Truss Type	Qty 2	Ply 3	KOCON LLC Job Reference (optional)
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ROOF SNOW
LOAD = 90 PSF
TYP AT ALL
TRUSSES

Scale 1/32" = 1'-0"

2-11-7	4-8-0	6-6-2	9-0-7	14-10-12	17-5-14	19-8-9	21-8-6
2-4-11	4-4-8	6-1-13	8-8-15	13-4-15	15-3-1	17-9-6	20-3-6
0-5-8	2-7-3	4-6-4	6-4-7	8-10-11	13-1-7	13-3-3	15-1-6
0-5-8	0-2-8	0-1-12	0-2-10	0-1-12	4-1-0	0-1-12	0-2-10
1-11-3	1-5-0	1-5-13	2-2-14	0-1-12	0-1-11	0-1-12	0-4-4
0-4-4	0-1-12	0-1-11	0-1-12	1-5-13	2-2-14	1-11-3	1-5-0

Plate Offsets (X, Y): [1:0-4-0,0-2-0] [3:0-2-8,0-1-12], [7:0-1-6,0-2-4], [10:0-5-12,0-1-8], [13:0-3-12,0-6-0], [16:0-3-8,0-6-4], [18:0-7-0,0-5-12], [21:0-3-0,0-2-4], [22:0-5-0,0-2-4]										
Loading (psf)	Spacing	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 75.0	Plate Grip DOL	1.00	TC 0.75	Vert(LL)	-0.22	14-15	>999	360	MT20	197/144
(Roof Snow = 75.0)	Lumber DOL	1.00	BC 0.68	Vert(CT)	-0.27	14-15	>982	240		
TCDL 10.0	Rep Stress Incr	NO	WB 0.98	Horz(CT)	0.06	9	n/a	n/a		
BCLL 0.0*	Code	IBC2021/TPI2014	Matrix-SH	Wind(LL)	0.01	13-16	>999	240		
BCDL 10.0										Weight: 736 lb FT = 20%

LUMBER	BRACING
TOP CHORD 2x6 SPF 1650F 1.5E	TOP CHORD 2-0-0 oc purlins (6-0-0 max.): 1-6, except end verticals.
BOT CHORD 2x8 DF 1950F 1.7E	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SPF 1650F 1.5E *Except* W1:2x6 SPF 1650F 1.5E, W2:2x4 SPF 2100F 1.8E, W6,W5:2x4 WW Stud	JOINTS 1 Brace at Jt(s): 1, 6, 14, 20, 19, 17, 15, 12, 11, 8
REACTIONS (lb/size) 9=22637/0-5-8, (min. 0-2-15), 21=22554/0-5-8, (min. 0-2-15) Max Horiz 21=137 (LC 5)	
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD 21-22=-20233/0, 1-22=-17730/0, 1-2=-12786/0, 2-3=-12841/0, 3-4=-18981/0, 4-5=-18945/0, 5-6=-334/0, 7-9=-2174/0, 6-7=-425/10	
BOT CHORD 21-23=-11/990, 23-24=-11/990, 18-24=-11/990, 18-25=0/19457, 25-26=0/19457, 16-26=0/19457, 16-27=0/18937, 13-27=0/18937, 13-28=0/13613, 28-29=0/13613, 10-29=0/13613, 10-30=0/13522, 30-31=0/13522, 9-31=0/13522, 22-32=-621/0, 20-32=-621/0, 20-33=-23/447, 19-33=-23/447, 19-34=-27/432, 17-34=-27/432, 17-35=-907/0, 15-35=-907/0, 15-36=-925/0, 14-36=-925/0, 12-37=-1748/0, 11-37=-1748/0, 11-38=-1717/0, 8-38=-1717/0, 8-39=-366/0, 7-39=-366/0	
WEBS 1-20=0/21251, 18-20=0/20202, 18-19=-2263/0, 2-19=-553/88, 17-18=-12267/0, 3-17=-9740/0, 15-16=0/3803, 3-15=0/6704, 3-14=0/487, 13-14=-3144/0, 4-14=-567/71, 12-13=0/9160, 5-12=0/12131, 10-11=0/4482, 5-11=0/5944, 5-8=-20115/0, 8-9=-22258/0, 14-16=0/699	

- NOTES**
- 3-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 4 rows staggered at 0-4-0 oc.
Web connected as follows: 2x4 - 1 row at 0-9-0 oc, Except member 3-16 2x4 - 2 rows staggered at 0-7-0 oc, Except member 4-13 2x4 - 2 rows staggered at 0-7-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
 - TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 - Bearing at joint(s) 21, 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
 - Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1961 lb down at 1-0-15, 1960 lb down at 3-0-15, 1960 lb down at 5-0-15, 1960 lb down at 7-0-15, 1960 lb down at 8-10-11, 1960 lb down at 11-0-15, 1960 lb down at 13-3-3, 1960 lb down at 15-3-8, 1960 lb down at 17-0-15, and 1960 lb down at 19-0-15, and 1972 lb down at 21-0-15 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Job	Truss	Truss Type	Qty	Ply	KOCON LLC
Q250434	BG1		2	3	Job Reference (optional)

Alpine Lumber Co, Montrose, CO - 81403, user

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LOAD CASE(S) Standard

1) Dead + Snow (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (lb/ft)

Vert: 1-6=-170, 9-21=-20, 7-22=-20

Concentrated Loads (lb)

Vert: 16=-1960 (F), 14=-1740 (B), 13=-1960 (F), 15=-1740 (B), 12=-1740 (B), 23=-1961 (F), 24=-1960 (F), 25=-1960 (F), 26=-1960 (F), 27=-1960 (F), 28=-1960 (F), 29=-1960 (F), 30=-1960 (F), 31=-1972 (F), 32=-1721 (B), 33=-1721 (B), 34=-1740 (B), 35=-1740 (B), 36=-1740 (B), 37=-1740 (B), 38=-1721 (B), 39=-1721 (B)

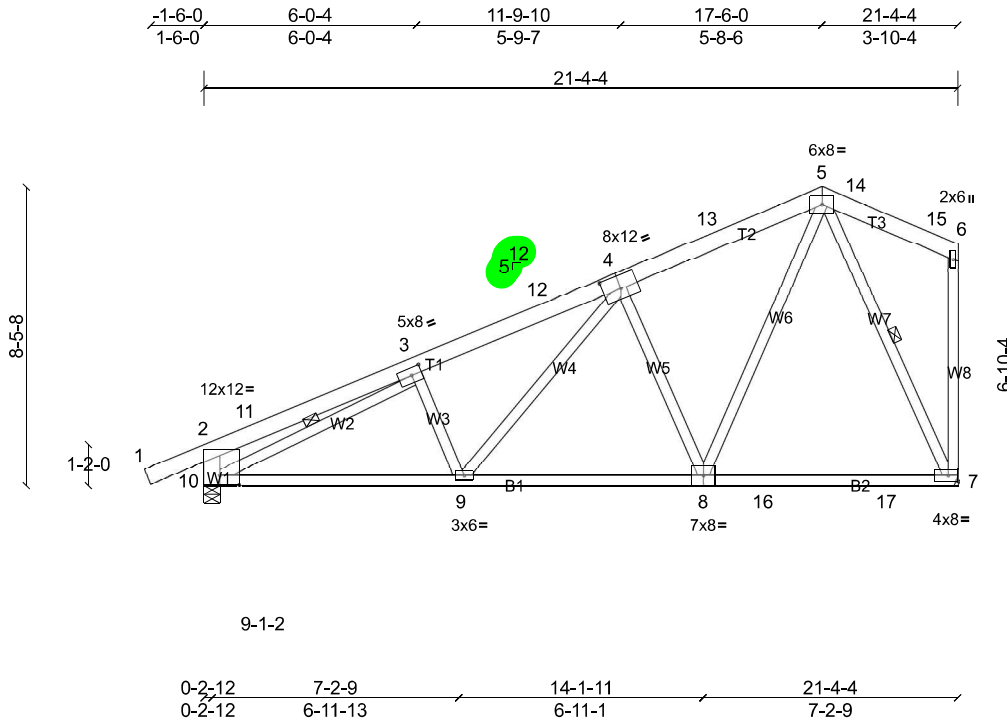
Job	Truss	Truss Type	Qty	Ply	KOCON LLC
Q250434	F1		22	1	Job Reference (optional)

Alpine Lumber Co, Montrose, CO - 81403, user

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Page: 1

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Scale = 1:57.3

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

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.50	Vert(LL)	-0.14	8-9	>999	360	MT20	169/123
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.65	Vert(CT)	-0.20	7-8	>999	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.76	Horz(CT)	0.06	7	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.02	8-9	>999	240		
BCDL	10.0											
											Weight: 120 lb	FT = 20%

LUMBER

TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF 1650F 1.5E *Except* W1:2x6 SPF 1650F 1.5E, W3,W4:2x4 WW Stud

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-9-10 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 3-10, 5-7

REACTIONS (lb/size) 7=1980/ Mechanical, (min. 0-1-8), 10=2315/0-5-8, (min. 0-1-8)
 Max Horiz 10=170 (LC 11)
 Max Grav 7=1980 (LC 1), 10=2475 (LC 21)

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-11=-864/223, 3-11=-647/260, 3-12=-3053/7, 4-12=-2675/31, 4-13=-1994/66, 5-13=-1696/80, 2-10=-1123/80, 6-7=-448/75
 BOT CHORD 9-10=-131/2840, 8-9=-100/2233, 8-16=-78/853, 16-17=-78/853, 7-17=-78/853
 WEBS 5-8=0/1853, 3-10=-2580/0, 5-7=-2023/82, 3-9=-510/91, 4-9=0/763, 4-8=-1693/90

NOTES

- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-7-1 to 1-4-15, Interior (1) 1-4-15 to 17-6-0, Exterior(2R) 17-6-0 to 20-6-0, Interior (1) 20-6-0 to 21-2-8 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
- TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
- Unbalanced snow loads have been considered for this design.
- This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- Refer to girder(s) for truss to truss connections.
- Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

LOAD CASE(S) Standard

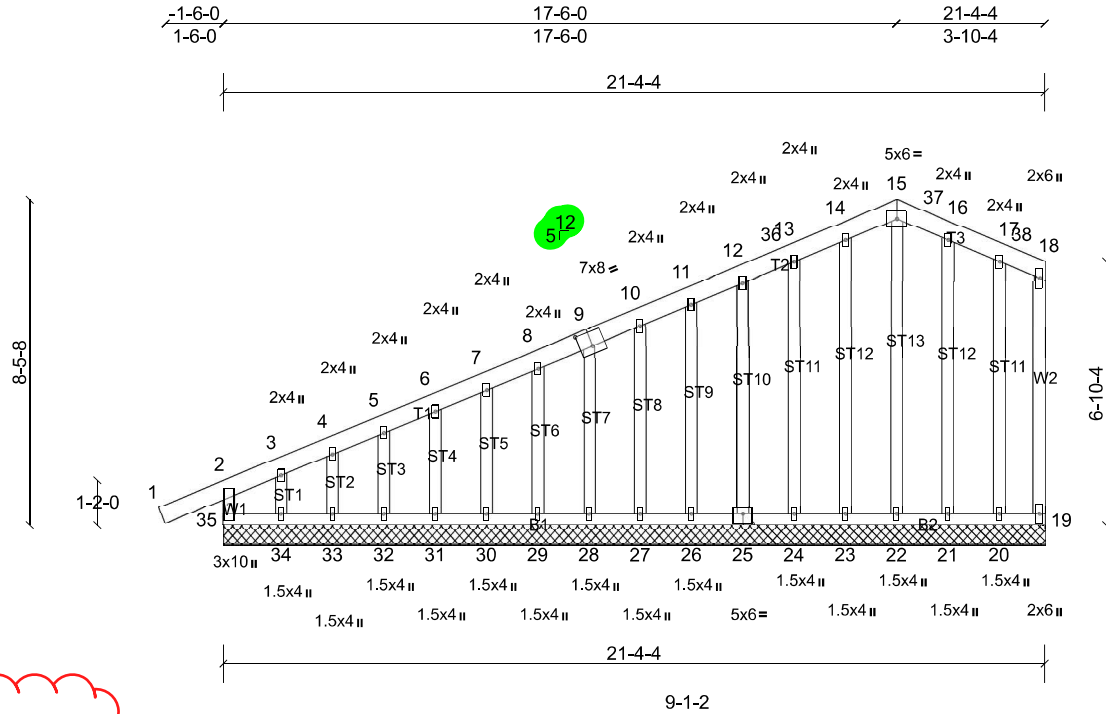
Job	Truss	Truss Type	Qty	Ply	KOCON LLC
Q250434	F2G		3	1	Job Reference (optional)

Alpine Lumber Co, Montrose, CO - 81403, user

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Scale = 1:52.4

Plate Offsets (X, Y): [9:0-4-0,0-4-8], [25:0-3-0,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.42	Vert(LL)	n/a	-	n/a	999	MT20	169/123
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.08	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.00	19	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-R								
BCDL	10.0											
											Weight: 145 lb	FT = 20%

LUMBER
 TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 WW Stud
 OTHERS 2x4 WW Stud

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

REACTIONS All bearings 21-4-4.
 (lb) - Max Horiz 35=170 (LC 11)
 Max Uplift All uplift 100 (lb) or less at joint(s) 19, 20, 21, 24, 25, 26, 27, 28, 29, 30, 31, 32 except 34=-365 (LC 20)
 Max Grav All reactions 250 (lb) or less at joint(s) 19, 22, 34 except 20=324 (LC 22), 21=365 (LC 22), 23=333 (LC 21), 24=355 (LC 21), 25=350 (LC 21), 26=347 (LC 21), 27=340 (LC 21), 28=301 (LC 21), 29=257 (LC 21), 30=254 (LC 1), 31=254 (LC 1), 32=258 (LC 21), 33=266 (LC 1), 35=970 (LC 20)

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-35=-936/116
 WEBS 14-23=-306/27, 13-24=-328/23, 12-25=-322/23, 11-26=-320/21, 10-27=-313/21, 9-28=-274/21, 3-34=-116/367, 16-21=-337/34, 17-20=-298/30

- NOTES**
- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCCL=6.0psf; BCCL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-7-1 to 1-6-0, Interior (1) 1-6-0 to 17-6-0, Exterior(2R) 17-6-0 to 20-6-0, Interior (1) 20-6-0 to 21-2-8 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
 - 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.
 - TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 19, 24, 25, 26, 27, 28, 29, 30, 31, 32, 21, 20 except (jt=lb) 34=365.

LOAD CASE(S) Standard

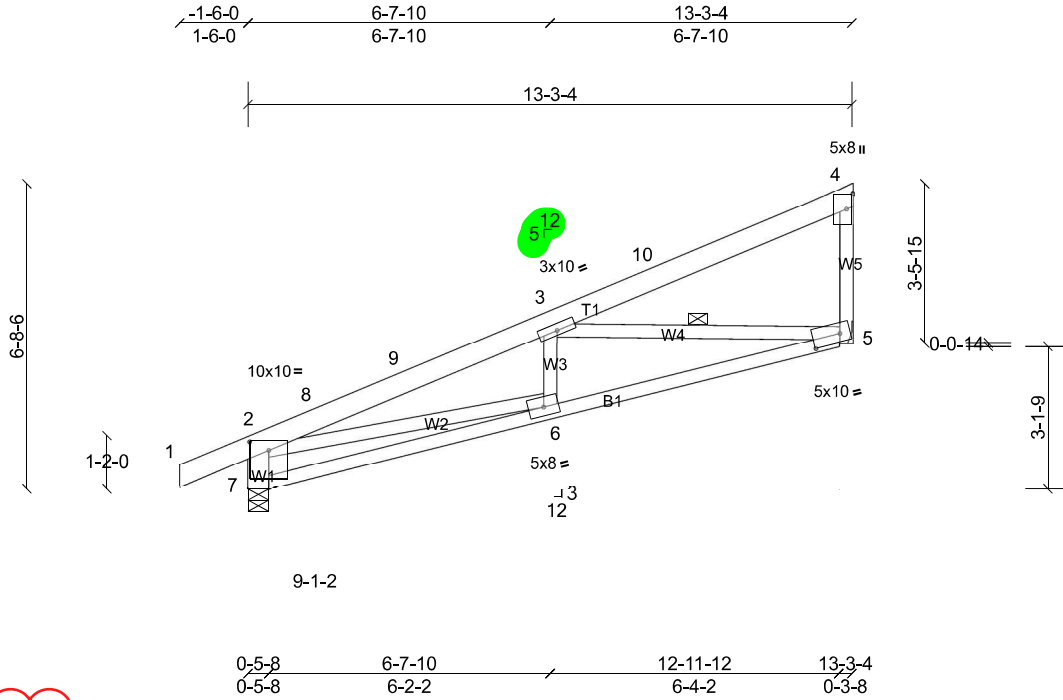
Job Q250434	Truss G1	Truss Type Jack-Closed	Qty 8	Ply 1	KOCON LLC Job Reference (optional)
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Alpine Lumber Co, Montrose, CO - 81403, user

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Scale = 1:42.7

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

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.54	Vert(LL)	-0.15	6	>999	360	MT20	197/144
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.69	Vert(CT)	-0.18	5-6	>875	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.50	Horz(CT)	0.04	5	n/a	n/a		
BCLL	0.0	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.01	6	>999	240		
BCDL	10.0										Weight: 65 lb	FT = 20%

LUMBER

TOP CHORD 2x6 SPF 2100F 1.8E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF 1650F 1.5E *Except* W1:2x6 SPF 1650F 1.5E, W3:2x4 WW Stud

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-10-3 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 3-5

REACTIONS (lb/size) 5=1205/ Mechanical, (min. 0-1-8), 7=1539/0-5-8, (min. 0-1-8)
 Max Horiz 7=135 (LC 11)
 Max Grav 5=1721 (LC 21), 7=1849 (LC 21)

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-7=-1927/83, 2-8=-3577/0, 8-9=-3368/0, 3-9=-3342/0, 3-10=-448/26, 4-5=-707/71
 BOT CHORD 6-7=-229/637, 5-6=-123/3198
 WEBS 2-6=0/2491, 3-5=-3000/86

NOTES

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-6-0 to 1-6-0, Interior (1) 1-6-0 to 13-1-8 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
- 2) TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
- 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 75.0 psf on overhangs non-concurrent with other live loads.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- 7) Refer to girder(s) for truss to truss connections.
- 8) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

LOAD CASE(S) Standard

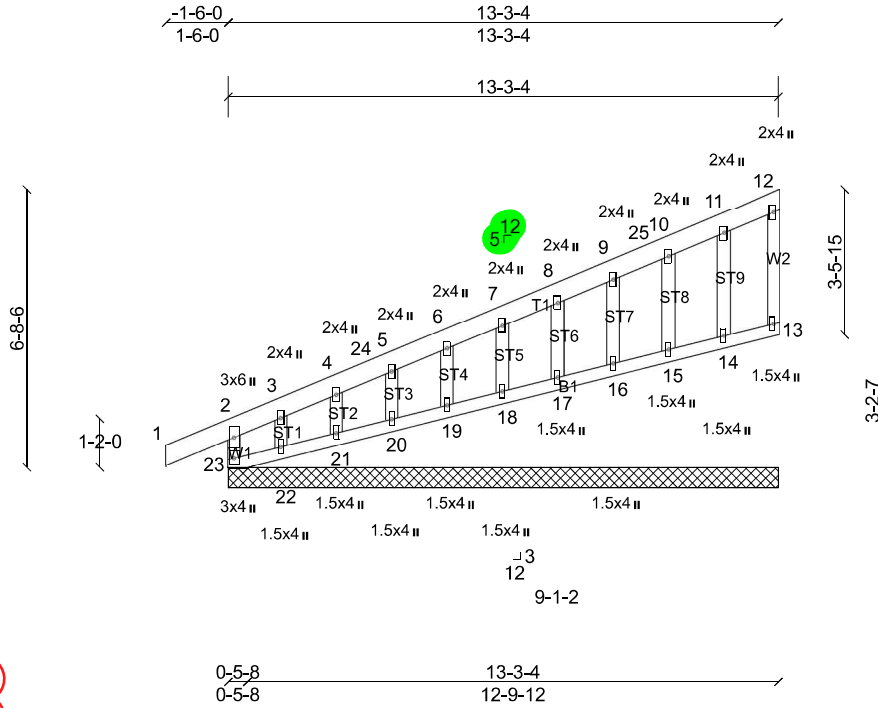
Job Q250434	Truss G1G	Truss Type Monopitch Supported Gable	Qty 2	Ply 1	KOCON LLC Job Reference (optional)
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Alpine Lumber Co, Montrose, CO - 81403, user

Run: 8.82 S Jan 17 2025 Print: 8.820 S Jan 17 2025 MiTek Industries, Inc. Thu Aug 21 09:38:39

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Scale = 1:42.7

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.46	Vert(LL)	n/a	-	n/a	999	MT20	169/123
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.11	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.00	13	n/a	n/a		
BCLL	0.0	Code	IBC2021/TPI2014	Matrix-R								
BCDL	10.0											
										Weight: 63 lb	FT = 20%	

LUMBER

TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 WW Stud
 OTHERS 2x4 WW Stud

BRACING

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

REACTIONS All bearings 13-3-4.

(lb) - Max Horiz 23=134 (LC 11)
 Max Uplift All uplift 100 (lb) or less at joint(s) 13, 15, 16, 17, 18, 19, 20 except 22=358 (LC 20)
 Max Grav All reactions 250 (lb) or less at joint(s) 13, 22 except 14=353 (LC 21), 15=380 (LC 21), 16=369 (LC 21), 17=366 (LC 21), 18=368 (LC 21), 19=371 (LC 21), 20=348 (LC 21), 21=270 (LC 21), 23=947 (LC 20)

FORCES

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-23=-917/99, 2-3=-254/142
 WEBS 11-14=-323/37, 10-15=-353/42, 9-16=-341/40, 8-17=-339/38, 7-18=-341/38, 6-19=-343/38, 5-20=-321/38, 3-22=-103/361

NOTES

- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-6-0 to 1-3-4, Exterior(2N) 1-3-4 to 13-1-8 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
- 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.
- TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
- Unbalanced snow loads have been considered for this design.
- This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
- Gable requires continuous bottom chord bearing.
- Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- Gable studs spaced at 1-4-0 oc.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
- Bearing at joint(s) 23, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 13, 15, 16, 17, 18, 19, 20 except (jt=lb) 22=358.
- Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 13, 14, 15, 16, 17, 18, 19, 20, 21, 22.

LOAD CASE(S) Standard

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

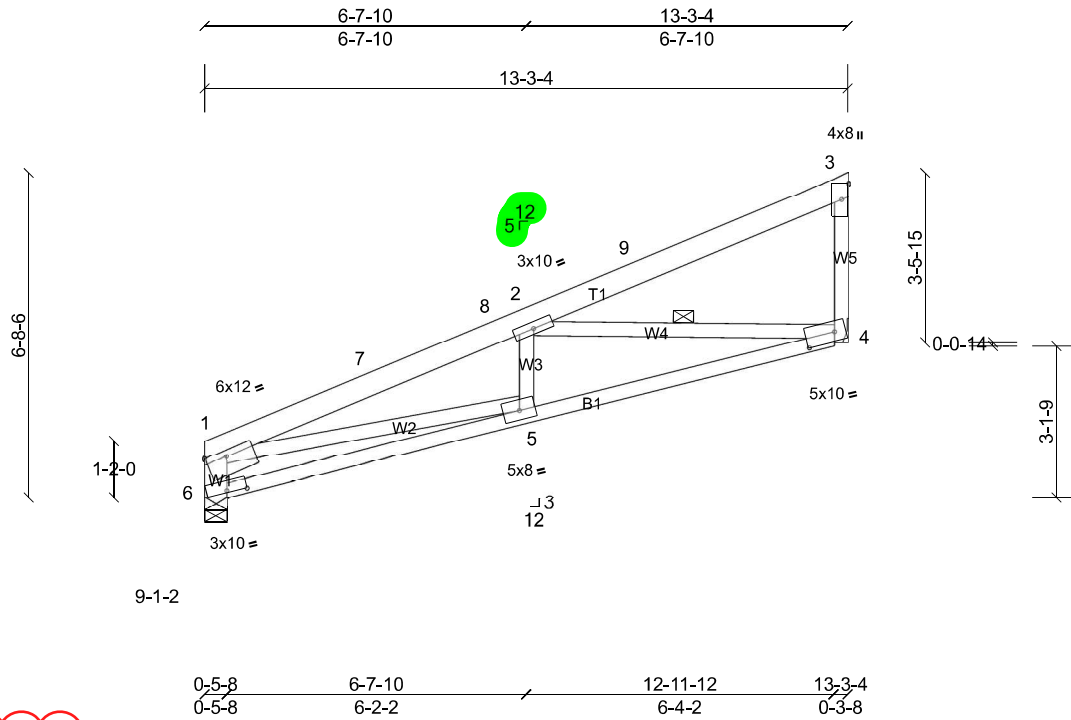
Job Q250434	Truss G2	Truss Type Jack-Closed	Qty 14	Ply 1	KOCON LLC Job Reference (optional)
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Alpine Lumber Co, Montrose, CO - 81403, user

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Scale = 1:41.1

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

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.53	Vert(LL)	-0.15	5	>999	360	MT20	197/144
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.71	Vert(CT)	-0.18	4-5	>844	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.04	4	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.01	5	>999	240		
BCDL	10.0										Weight: 62 lb	FT = 20%

LUMBER

TOP CHORD 2x6 SPF 2100F 1.8E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF 1650F 1.5E *Except* W1:2x6 SPF 1650F 1.5E, W3:2x4 WW Stud

BRACING

TOP CHORD Structural wood sheathing directly applied or 4-8-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 2-4

REACTIONS (lb/size) 4=1225/ Mechanical, (min. 0-1-8), 6=1225/0-5-8, (min. 0-1-8)
 Max Horiz 6=126 (LC 11)
 Max Grav 4=1740 (LC 20), 6=1536 (LC 20)

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-6=-1597/48, 1-7=-3660/0, 7-8=-3448/7, 2-8=-3136/10, 2-9=-450/26, 3-4=-696/71
 BOT CHORD 5-6=-179/576, 4-5=-123/3298
 WEBS 1-5=0/2648, 2-5=-270/206, 2-4=-3100/87

- NOTES**
- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 3-2-12, Interior (1) 3-2-12 to 13-1-8 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
 - 2) TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
 - 3) Unbalanced snow loads have been considered for this design.
 - 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 - 6) Refer to girder(s) for truss to truss connections.
 - 7) Bearing at joint(s) 6 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.

LOAD CASE(S) Standard

Job Q250434	Truss H1	Truss Type	Qty 5	Ply 1	KOCON LLC Job Reference (optional)
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Alpine Lumber Co, Montrose, CO - 81403, user

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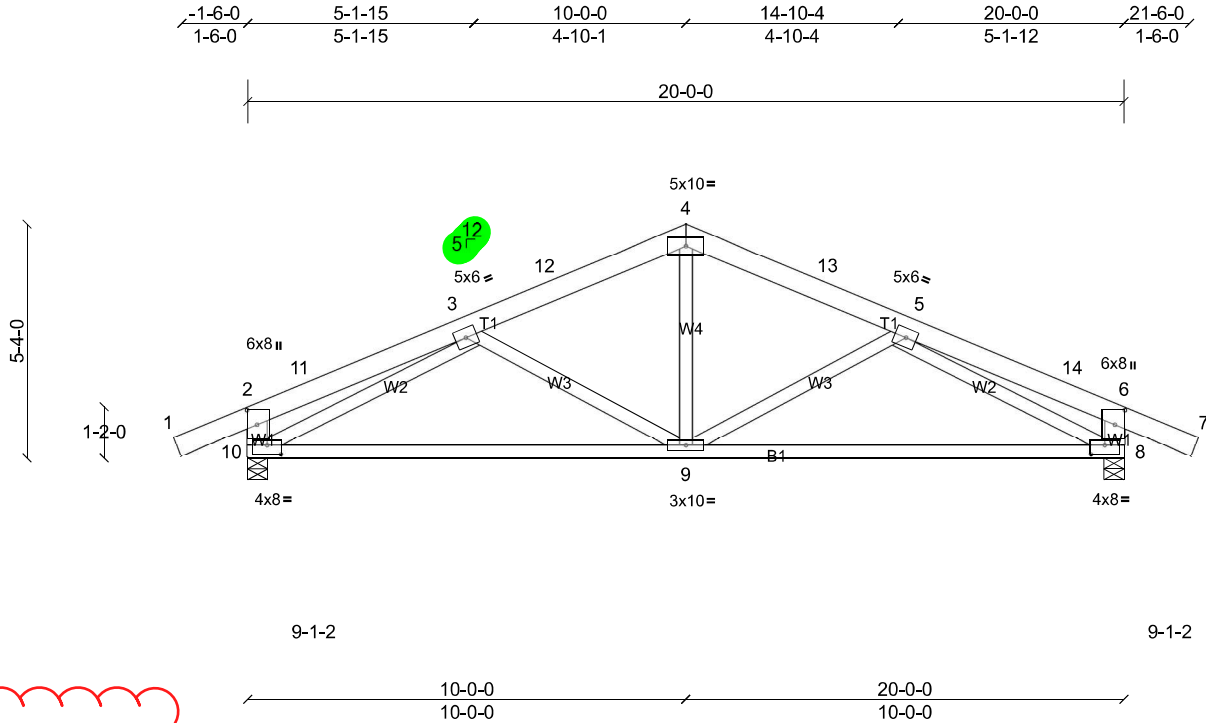


Plate Offsets (X, Y): [2:0-4-0,0-2-12], [6:0-4-0,0-2-12], [8:0-3-12,0-2-8], [10:0-3-12,0-2-8]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.43	Vert(LL)	-0.16	9-10	>999	360	MT20	169/123
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.76	Vert(CT)	-0.33	9-10	>701	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.92	Horz(CT)	0.07	8	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.01	9	>999	240		
BCDL	10.0										Weight: 97 lb	FT = 20%

LUMBER
TOP CHORD 2x6 SPF 1650F 1.5E
BOT CHORD 2x4 SPF 1650F 1.5E
WEBS 2x4 WW Stud *Except* W1:2x6 SPF 2100F 1.8E, W2:2x4 SPF 1650F 1.5E

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

REACTIONS (lb/size) 8=2165/0-5-8, (min. 0-4-0), 10=2165/0-5-8, (min. 0-4-0)
Max Horiz 10=32 (LC 18)
Max Grav 8=2542 (LC 22), 10=2542 (LC 21)

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-839/231, 3-11=-588/264, 3-12=-2197/7, 4-12=-2025/21, 4-13=-2025/21, 5-13=-2197/7, 5-14=-588/264,
6-14=-839/231, 2-10=-1189/67, 6-8=-1189/67
BOT CHORD 9-10=0/2640, 8-9=0/2640
WEBS 4-9=0/659, 3-10=-2448/62, 5-8=-2448/61, 3-9=-974/100, 5-9=-974/101

- NOTES**
- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-7-1 to 1-4-15, Interior (1) 1-4-15 to 10-0-0, Exterior(2R) 10-0-0 to 13-0-0, Interior (1) 13-0-0 to 21-7-1 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
 - TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.

LOAD CASE(S) Standard

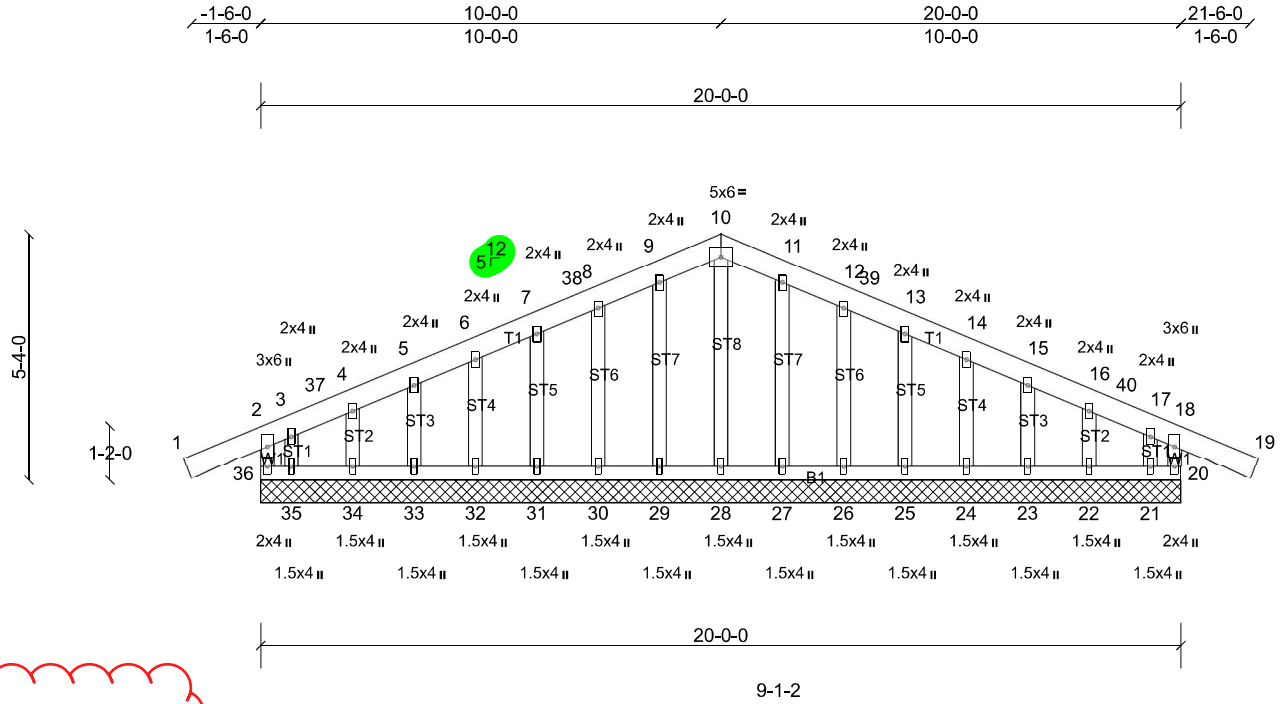
Job	Truss	Truss Type	Qty	Ply	KOCON LLC
Q250434	H1G		1	1	Job Reference (optional)

Alpine Lumber Co, Montrose, CO - 81403, user

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Scale = 1:42.8

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.37	Vert(LL)	n/a	-	n/a	999	MT20	169/123
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.02	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.00	20	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-R								
BCDL	10.0											Weight: 106 lb FT = 20%

LUMBER
TOP CHORD 2x6 SPF 1650F 1.5E
BOT CHORD 2x4 SPF 1650F 1.5E
WEBS 2x4 WW Stud
OTHERS 2x4 WW Stud

BRACING
TOP CHORD
BOT CHORD

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

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS All bearings 20-0-0.
(lb) - Max Horiz 36=33 (LC 14)
Max Uplift All uplift 100 (lb) or less at joint(s) 20, 22, 23, 24, 25, 26, 30, 31, 32, 33, 34, 36 except 21=-363 (LC 20), 35=-363 (LC 20)
Max Grav All reactions 250 (lb) or less at joint(s) 21, 35 except 20=1059 (LC 20), 22=303 (LC 22), 23=377 (LC 22), 24=369 (LC 22), 25=368 (LC 22), 26=378 (LC 22), 27=365 (LC 22), 28=254 (LC 1), 29=365 (LC 21), 30=378 (LC 21), 31=368 (LC 21), 32=369 (LC 21), 33=377 (LC 21), 34=303 (LC 21), 36=1059 (LC 20)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-36=-1070/110, 18-20=-1070/106
WEBS 9-29=-338/10, 8-30=-351/27, 7-31=-341/22, 6-32=-341/21, 5-33=-351/21, 4-34=-274/120, 3-35=-41/398, 11-27=-338/9, 12-26=-351/27, 13-25=-341/22, 14-24=-341/21, 15-23=-351/21, 16-22=-274/120, 17-21=-25/398

- NOTES**
- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-7-1 to 1-4-15, Interior (1) 1-4-15 to 10-0-0, Exterior(2R) 10-0-0 to 13-0-0, Interior (1) 13-0-0 to 21-7-1 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
 - 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.
 - TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 1-4-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 36, 20, 30, 31, 32, 33, 34, 26, 25, 24, 23, 22 except (jt=lb) 35=363, 21=363.

LOAD CASE(S) Standard

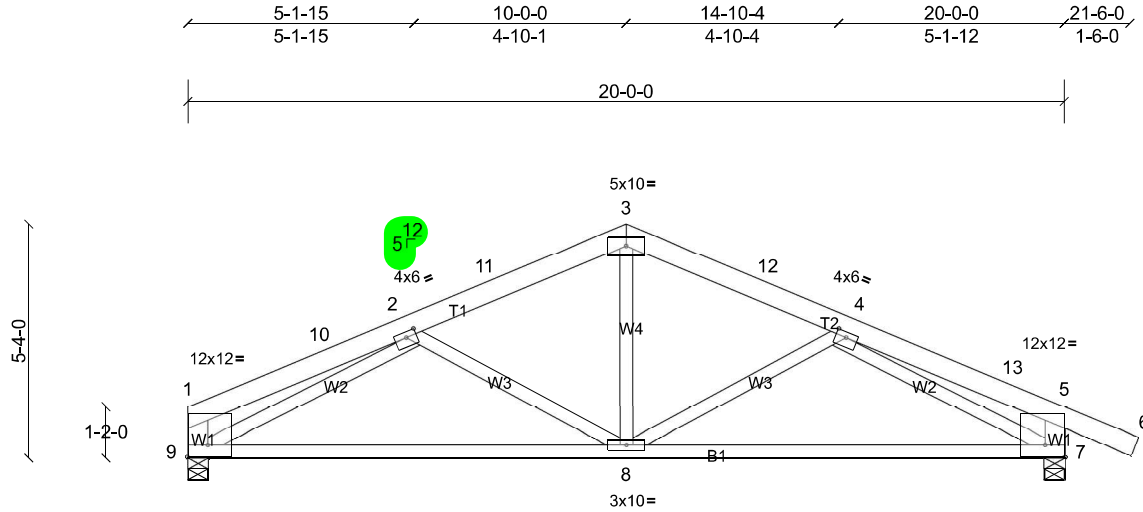
Job Q250434	Truss H2	Truss Type	Qty 2	Ply 1	KOCON LLC Job Reference (optional)
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Alpine Lumber Co, Montrose, CO - 81403, user

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Scale = 1:46.2

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

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL (Roof Snow = 75.0)	75.0	Plate Grip DOL	1.00	TC	0.43	Vert(LL)	-0.16	7-8	>999	360	MT20	169/123
TCDL	10.0	Lumber DOL	1.00	BC	0.77	Vert(CT)	-0.34	7-8	>700	240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.96	Horz(CT)	0.07	7	n/a	n/a		
BCDL	10.0	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.01	8	>999	240		
											Weight: 95 lb	FT = 20%

LUMBER	
TOP CHORD	2x6 SPF 1650F 1.5E
BOT CHORD	2x4 SPF 1650F 1.5E
WEBS	2x4 WW Stud *Except* W1:2x6 SPF 2100F 1.8E, W2:2x4 SPF 1650F 1.5E

BRACING	
TOP CHORD	Structural wood sheathing directly applied or 5-2-13 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS	
(lb/size)	7=2180/0-5-8, (min. 0-4-0), 9=1842/0-5-8, (min. 0-3-8)
Max Horiz	9=40 (LC 19)
Max Grav	7=2547 (LC 22), 9=2218 (LC 21)

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES	
(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	1-10=-803/0, 2-10=-508/1, 2-11=-2231/12, 3-11=-2054/26, 3-12=-2054/21, 4-12=-2215/7, 4-13=-589/257, 5-13=-840/224, 1-9=-802/19, 5-7=-1189/67
BOT CHORD	8-9=-2/2738, 7-8=0/2649
WEBS	3-8=0/695, 2-9=-2571/62, 4-7=-2458/62, 2-8=-1055/103, 4-8=-973/101

- NOTES**
- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 3-2-12, Interior (1) 3-2-12 to 10-0-0, Exterior(2R) 10-0-0 to 13-0-0, Interior (1) 13-0-0 to 21-7-1 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
 - TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.

LOAD CASE(S) Standard

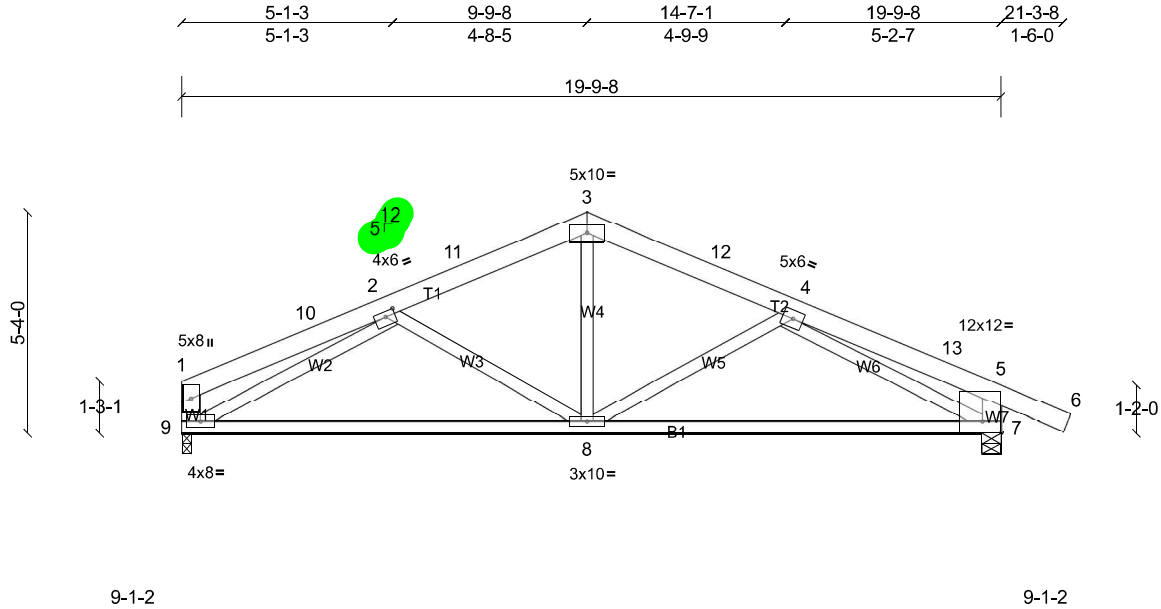
Job Q250434	Truss H3	Truss Type Common	Qty 1	Ply 1	KOCON LLC Job Reference (optional)
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Alpine Lumber Co, Montrose, CO - 81403, user

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ID:CvvN??g9AizKWSHF9OH7inzUNCW-fPIEIm6qyD_rS6yy1tr6l1?M362KVFXDOKOYHfjlf?z



Scale = 1:47.7

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

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.42	Vert(LL)	-0.13	7-8	>999	360	MT20	197/144
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.44	Vert(CT)	-0.26	7-8	>892	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.05	7	n/a	n/a		
BCLL	0.0	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.01	8	>999	240		
BCDL	10.0										Weight: 94 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2x6 SPF 1650F 1.5E	TOP CHORD Structural wood sheathing directly applied or 5-4-1 oc purlins, except end verticals.
BOT CHORD 2x4 SPF 2400F 2.0E	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 WW Stud *Except* W1,W7:2x6 SPF 1650F 1.5E, W2,W6:2x4 SPF 1650F 1.5E	

REACTIONS (lb/size) 7=2160/0-5-8, (min. 0-2-12), 9=1822/0-2-12, (min. 0-2-6)
 Max Horiz 9=40 (LC 15)
 Max Grav 7=2533 (LC 22), 9=2184 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-10=-710/0, 2-10=-415/8, 2-11=-2169/7, 3-11=-2006/28, 3-12=-2006/23, 4-12=-2175/9, 4-13=-582/243, 5-13=-832/211,
 1-9=-754/20, 5-7=-1184/68
 BOT CHORD 8-9=-1/2608, 7-8=0/2631
 WEBS 3-8=0/687, 2-9=-2538/58, 4-7=-2443/62, 2-8=-980/100, 4-8=-992/100

- NOTES**
- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 3-2-12, Interior (1) 3-2-12 to 9-9-8, Exterior(2R) 9-9-8 to 12-9-8, Interior (1) 12-9-8 to 21-4-9 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
 - TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 - Provide mechanical connection (by others) of truss to bearing plate at joint(s) 9.

LOAD CASE(S) Standard

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

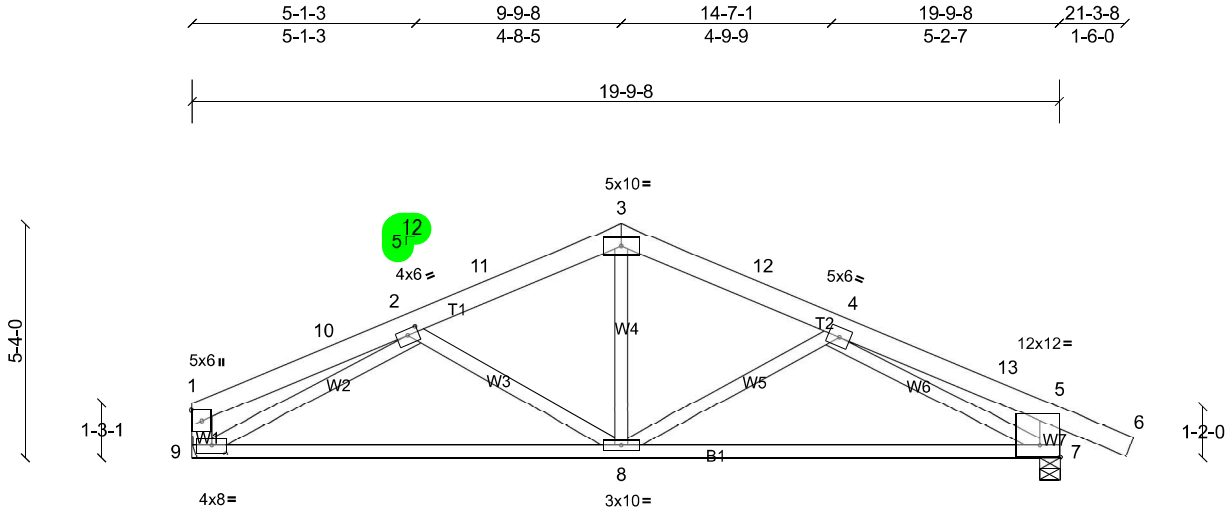
Job Q250434	Truss H4	Truss Type Common	Qty 4	Ply 1	KOCON LLC Job Reference (optional)
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Alpine Lumber Co, Montrose, CO - 81403, user

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Scale = 1:46.2

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

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.42	Vert(LL)	-0.17	7-8	>999	360	MT20	197/144
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.75	Vert(CT)	-0.34	7-8	>678	240		
TCDL	10.0	Rep Stress Incr	YES	WB	0.94	Horz(CT)	0.07	7	n/a	n/a		
BCLL	0.0*	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.01	8	>999	240		
BCDL	10.0										Weight: 94 lb	FT = 20%

LUMBER		BRACING	
TOP CHORD	2x6 SPF 1650F 1.5E	TOP CHORD	Structural wood sheathing directly applied or 5-3-13 oc purlins, except end verticals.
BOT CHORD	2x4 SPF 1650F 1.5E	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 WW Stud *Except* W1,W7:2x6 SPF 1650F 1.5E, W2,W6:2x4 SPF 1650F 1.5E		
REACTIONS	(lb/size) 7=2160/0-5-8, (min. 0-4-0), 9=1822/ Mechanical, (min. 0-1-8) Max Horiz 9=40 (LC 15) Max Grav 7=2533 (LC 22), 9=2184 (LC 21)		MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

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

TOP CHORD 1-10=-710/0, 2-10=-415/7, 2-11=-2169/7, 3-11=-2008/28, 3-12=-2008/23, 4-12=-2175/10, 4-13=-582/243, 5-13=-835/211,
1-9=-758/20, 5-7=-1190/68

BOT CHORD 8-9=0/2602, 7-8=0/2624

WEBS 3-8=0/680, 2-9=-2532/59, 4-7=-2434/63, 4-8=-981/100, 2-8=-970/100

- NOTES**
- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-12 to 3-2-12, Interior (1) 3-2-12 to 9-9-8, Exterior(2R) 9-9-8 to 12-9-8, Interior (1) 12-9-8 to 21-4-9 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
 - TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 19.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
 - Refer to girder(s) for truss to truss connections.

LOAD CASE(S) Standard

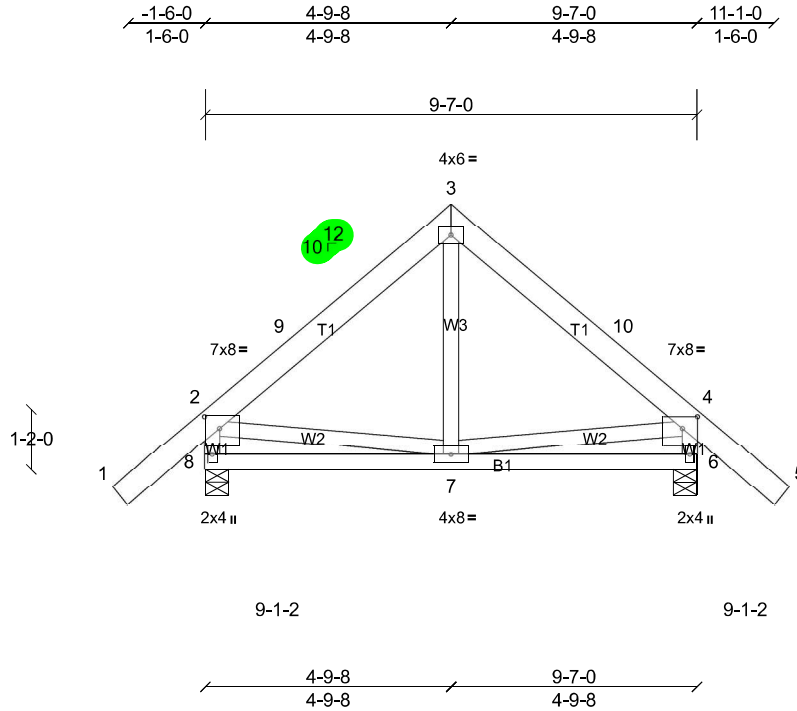
Job Q250434	Truss J1	Truss Type	Qty 2	Ply 1	KOCON LLC Job Reference (optional)
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Scale = 1:38.5

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

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.76	Vert(LL)	-0.01	6-7	>999	360	MT20	169/123
(Roof Snow = 75.0)		Lumber DOL	1.00	BC	0.13	Vert(CT)	-0.02	6-7	>999	240		
TGDL	10.0	Rep Stress Incr	YES	WB	0.25	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.00	7	>999	240		
BCDL	10.0										Weight: 55 lb	FT = 20%

LUMBER

TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 WW Stud

BRACING

TOP CHORD
 BOT CHORD

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

REACTIONS (lb/size) 6=1187/0-5-8, (min. 0-1-14), 8=1187/0-5-8, (min. 0-1-14)
 Max Horiz 8=-100 (LC 10)

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

FORCES

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

TOP CHORD 1-2=0/367, 2-9=-821/22, 3-9=-545/54, 3-10=-545/54, 4-10=-821/22, 4-5=0/367, 2-8=-1143/106, 4-6=-1143/106
 WEBS 2-7=0/326, 4-7=0/326

NOTES

- 1) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCCL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-7-12 to 1-4-4, Interior (1) 1-4-4 to 4-9-8, Exterior(2R) 4-9-8 to 7-9-8, Interior (1) 7-9-8 to 11-2-12 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.33 plate grip DOL=1.33
- 2) TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
- 3) This truss has been designed for greater of min roof live load of 14.0 psf or 2.00 times flat roof load of 75.0 psf on overhangs non-concurrent with other live loads.
- 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.

LOAD CASE(S) Standard

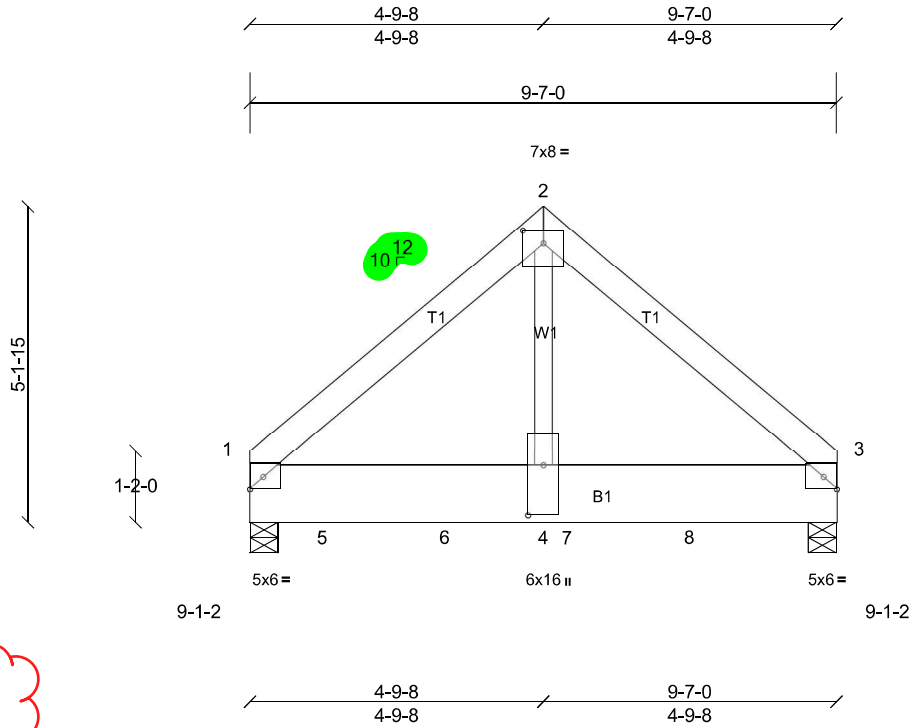
Job Q250434	Truss JG1	Truss Type Common Girder	Qty 1	Ply 2	KOCON LLC Job Reference (optional)
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Alpine Lumber Co, Montrose, CO - 81403, user

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Scale = 1:25.6

Plate Offsets (X, Y): [2:0-4-0,0-2-8], [4:0-9-12,0-3-0]

Loading	(psf)	Spacing	2-0-0	CSI	DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP	
TCLL	75.0	Plate Grip DOL	1.00	TC	0.45	Vert(LL)	-0.03	1-4	>999	360	MT20	185/144
(Roof Snow = 75.0)												
TCDL	10.0	Lumber DOL	1.00	BC	0.37	Vert(CT)	-0.04	1-4	>999	240		
BCLL	0.0*	Rep Stress Incr	NO	WB	0.50	Horz(CT)	0.01	3	n/a	n/a		
BCDL	10.0	Code	IBC2021/TPI2014	Matrix-SH		Wind(LL)	0.00	4	>999	240		
											Weight: 128 lb	FT = 20%

LUMBER

TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x12 HF SS
 WEBS 2x4 SPF 1650F 1.5E

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=5779/0-5-8, (min. 0-4-12), 3=4613/0-5-8, (min. 0-3-13)
 Max Horiz 1=67 (LC 22)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-4647/0, 2-3=-4708/0
 BOT CHORD 1-5=0/3212, 5-6=0/3212, 4-6=0/3212, 4-7=0/3212, 7-8=0/3212, 3-8=0/3212
 WEBS 2-4=0/5341

NOTES

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
 Bottom chords connected as follows: 2x12 - 2 rows staggered at 0-3-0 oc.
 Web connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Ke=0.83; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33
- TCLL: ASCE 7-16; Pf=75.0 psf (Lum DOL = 1.00 Plate DOL = 1.00); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10; IBC 1607.11.2 minimum roof live load applied where required.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3'-06"-00 tall by 2'-00"-00 wide will fit between the bottom chord and any other members.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2165 lb down at 1-2-2, 2164 lb down at 3-2-2, and 2164 lb down at 5-2-2, and 2164 lb down at 7-2-2 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

- Dead + Snow (balanced): Lumber Increase=1.00, Plate Increase=1.00
 Uniform Loads (lb/ft)
 Vert: 1-2=-170, 2-3=-170, 1-3=-20
 Concentrated Loads (lb)
 Vert: 5=-2165 (B), 6=-2164 (B), 7=-2164 (B), 8=-2164 (B)