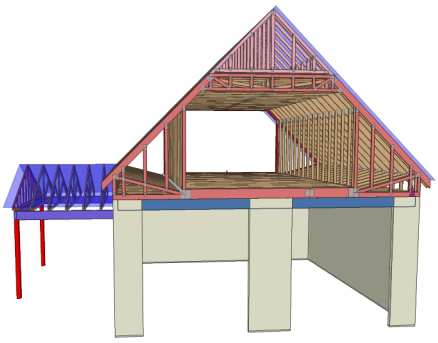
CARTER Lumber

Carter Sanford Component Plant
298 Harvey Faulk Rd
Sanford, NC 27332

Phone #:919-775-1450



Builder: American Craftsman

Model: Scott Morrill Garage

THE PLACEMENT PLAN NOTES:

1. The Placement Plan is a diagram for truss installation. It is not an engineered drawing and has not been reviewed by an engineer. The Owner/Building Designer is responsible for obtaining an engineer's review if one is required by the local jurisdiction.
2. The responsibilities of the Owner, Contractor, Building Designer, Component Designer and Component Manufacturer shall be as set forth in ANSI/TPI 1. Capitalized terms shall be as defined in ANSI/TP 1 unless otherwise indicated.
3. Each Component is designed as an individual component utilizing information provided by others. The Owner/Building Designer is responsible for reviewing all Component Submittal Packages and individual Component Design Drawings for compliance with the Construction Documents and compatibility with the overall Building design.
4. Contractor will not proceed with component installation until the Owner/Building Designer has reviewed the Component Submittal Package. Questions on the suitability of any Component will be resolved by the Building Designer.
5. The Building Designer and Contractor are responsible for all temporary and permanent bracing.
6. The Placement Plan assumes the building is dimensionally correct, structurally sound, and in a suitable condition to support each Component during installation and thereafter, including but not limited to installation of all bearing points. Proper design and construction of all structural components, including foundations, headers, beams, walls and columns are the responsibility of the Owner, Building Designer and Contractor.
7. Do not cut, drill, or modify any Component without first consulting the Component Manufacturer or Building Designer. Damaged Components shall not be installed unless directed by the Building Designer or approved by the Component Manufacturer.
8. Components must be handled and installed following all applicable safety standards and best practices, including but not limited to BCSI, OSHA, TPI and local codes. Failure to properly handle, brace or otherwise install Component can result in serious injury or death.
9. All uplift connectors shown within these documents are recommendations only. Per ANSI/TPI 1, all uplift connectors are the responsibility of the building designer and or contractor.

Approved By: _____ **Date:** _____

General Notes:

** CUTTING OR DRILLING OF COMPONENTS SHOULD NOT BE DONE WITHOUT CONTACTING COMPONENT SUPPLIER FIRST. CUSTOMER TAKES FULL RESPONSIBILITY FOR COMPONENTS IF CUT BEFORE AUTHORIZATION.

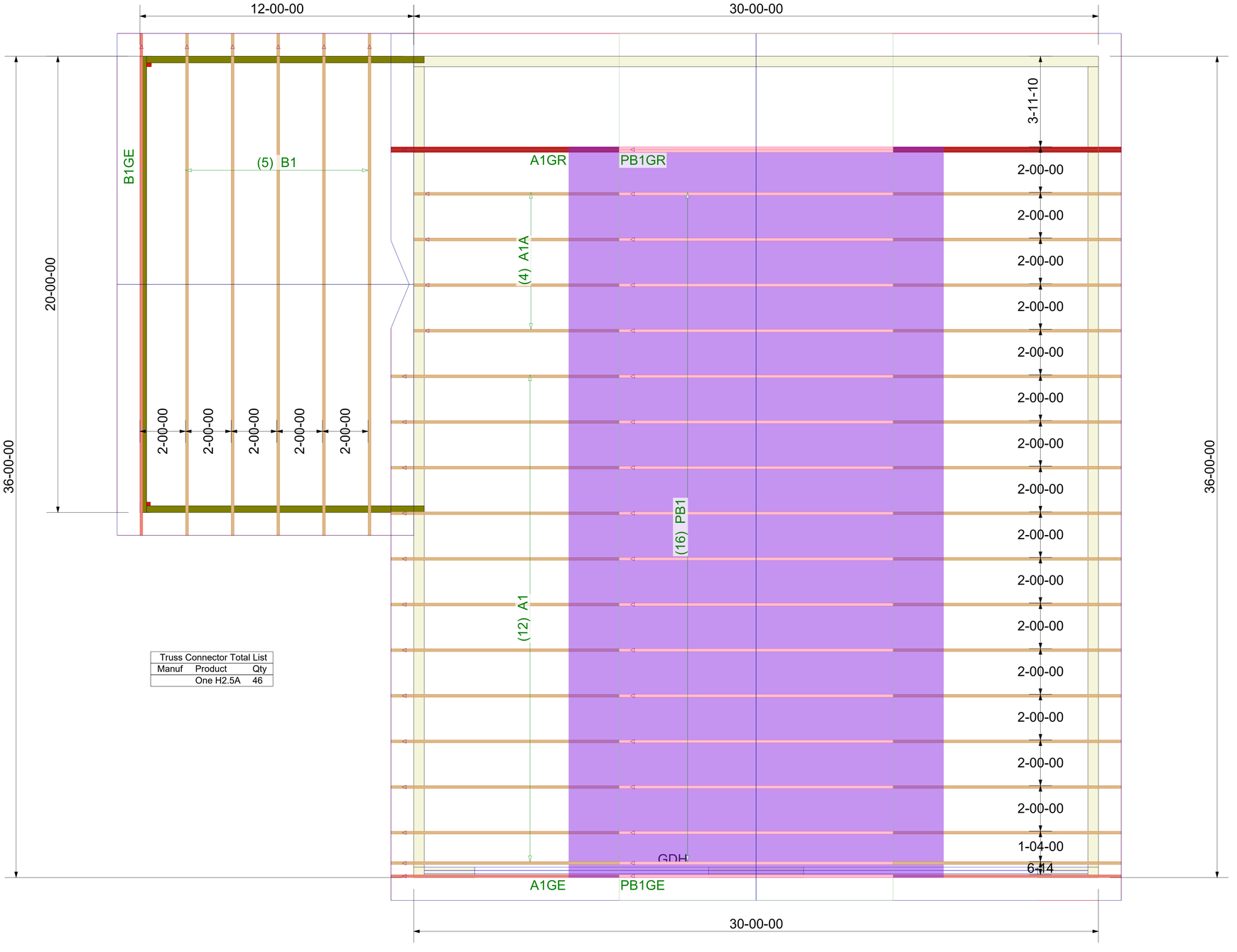
** ALL BEARING POINTS MUST BE INSTALLED PRIOR TO SETTING ANY COMPONENTS.

** TRUSS TO TRUSS CONNECTIONS ARE TOE-NAILED, UNLESS NOTED OTHERWISE.

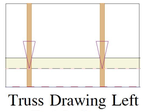
** DAMAGED COMPONENTS SHOULD NOT BE INSTALLED UNLESS TOLD TO BY THE COMPONENT PLANT.

** FRAMER MUST REFER TO PLANS WHILE SETTING COMPONENTS.

Products					
PlotID	Length	Product	Plies	Net Qty	Fab Type
GDH	30-00-00	2.1 RigidLam SP LVL 1-3/4 x 11-7/8	3	3	FF



Truss Connector Total List		
Manuf	Product	Qty
	One H2.5A	46



Truss Drawing Left End Indicator

** TRIANGULAR SYMBOL NEAR END OF TRUSS INDICATES LEFT END OF TRUSS AS SHOWN ON INDIVIDUAL TRUSS DRAWINGS.

** PLUMBING DROPS NOTED ARE IN THE APPROXIMATE LOCATIONS PER PLAN. BUILDER TO VERIFY LOCATIONS BEFORE SETTING TRUSSES.

** REFER TO FINAL TRUSS ENGINEERING SHEETS FOR PLY TO PLY CONNECTIONS.

** All uplift connectors shown within these documents are recommendations only. Per ANSI/TPI 1, all uplift connectors are the responsibility of the bldg designer and or contractor.

** DIMENSIONS ARE READ AS: FOOT-INCH-SIXTEENTH.

** GIRDERS MUST BE FULLY CONNECTED TOGETHER PRIOR TO ADDING ANY LOADS.

Revisions	
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name
00/00/00	Name

THIS IS A TRUSS PLACEMENT DIAGRAM ONLY. These trusses are designed as individual components to be incorporated into the building design at 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 systems 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 the bracing consult "Bracing of Wood Trusses" available from the Truss Plate Institute, 583 D'Onofrio Drive; Madison, WI 53179

CARTER Lumber

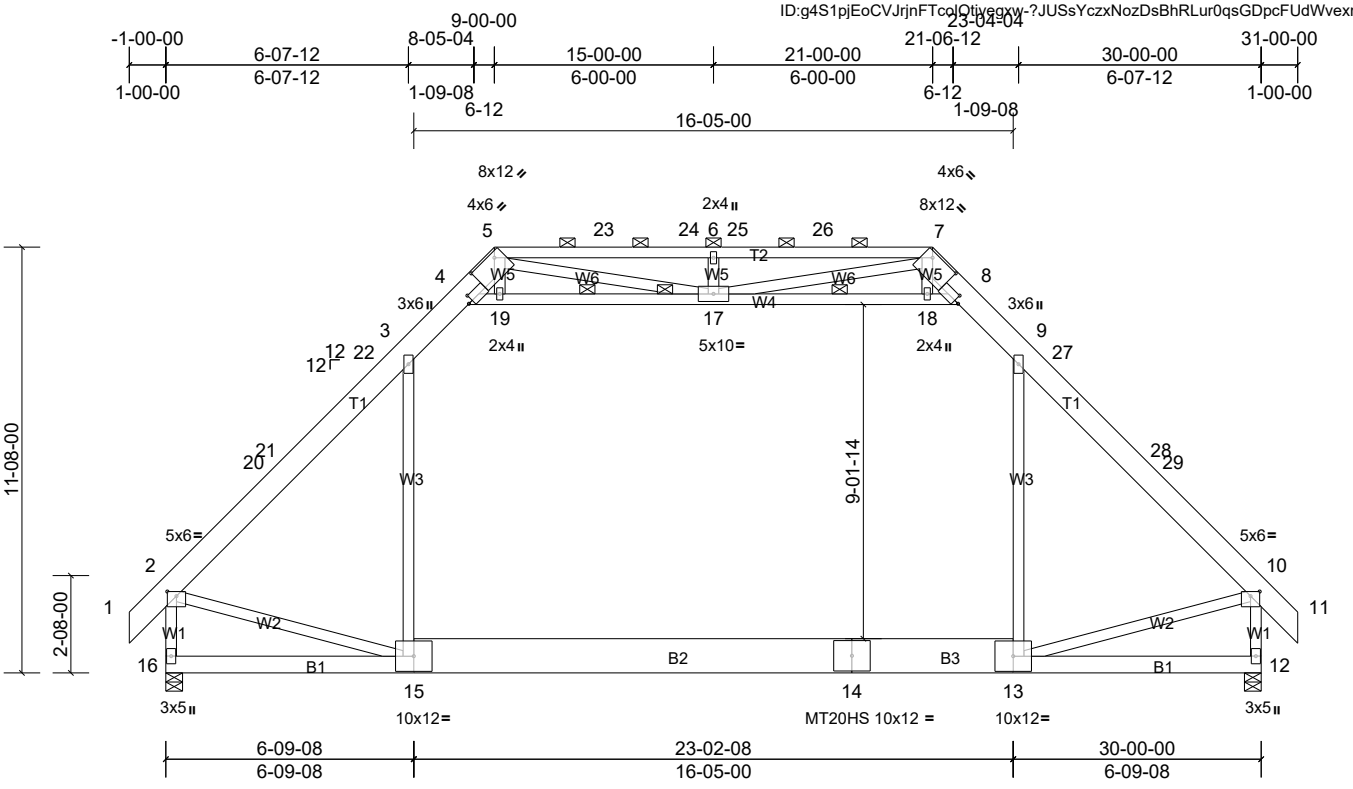
American Craftsman	**658 Coachman-Roof-Scott Morrill Garage**	**ROOF PLACEMENT PLAN**

Scale:	***NTS***
Date:	9/12/2025
Designer:	Mike Finch
Project Number:	**25090059-01**
Sheet Number:	**1/1**

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	A1	Attic	12	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.73 S Jul 11 2024 Print: 8.730 S Jul 11 2024 MiTek Industries, Inc. Fri Sep 12 10:02:30 — Page: 1

ID:g4S1pjEoCVJrjnFTcqJQtivegxw-?JUSsYczxNozDsBhRLur0qsGDpcFUdWvexre1PyeQM8



Scale = 1:63.4

Plate Offsets (X, Y): [2:3-00,3-08], [4:1-09,2-04], [5:9-00,1-12], [7:9-00,1-12], [8:1-09,2-04], [10:3-00,3-08]

Loading	(psf)	Spacing	2-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.75	Vert(LL)	-0.36	13-15	>977	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.86	Vert(CT)	-0.51	13-15	>692	180	MT20HS	187/143
TCDL	10.0	Rep Stress Incr	YES	WB	0.63	Horz(CT)	0.03	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2021/TPI2014	Matrix-MSH		Attic	-0.31	13-15	>628	360		
BCDL	10.0										Weight: 308 lb	FT = 20%

LUMBER

TOP CHORD	2x8 SP 2400F 2.0E *Except* T2:2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2,B3:2x12 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2

REACTIONS (lb/size) 12=1509/5-08, (min. 2-04), 16=1509/5-08, (min. 2-04)
Max Horiz 16=315 (LC 13)
Max Grav 12=1897 (LC 48), 16=1897 (LC 48)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (3-1-9 max.): 5-7.
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS	1 Row at midpt 4-17, 8-17
JOINTS	1 Brace at Jt(s): 17

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 2-20=-2097/0, 20-21=-2010/0, 21-22=-1989/0, 3-22=-1954/0, 3-4=-1564/141, 4-5=-925/258, 5-23=-1951/464, 23-24=-1951/464, 6-24=-1951/464, 6-25=-1951/464, 25-26=-1951/464, 7-26=-1951/464, 7-8=-926/258, 8-9=-1566/139, 9-27=-1950/0, 27-28=-1987/0, 28-29=-2005/0, 10-29=-2093/0, 2-16=-2111/0, 10-12=-2122/0

BOT CHORD 15-16=-320/351, 14-15=0/1413, 13-14=0/1392

WEBS 3-15=0/810, 9-13=0/812, 4-19=-1763/211, 17-19=-1718/212, 17-18=-1733/213, 8-18=-1778/213, 2-15=0/1359, 10-13=-4/1416, 6-17=-636/160, 7-18=0/285, 5-19=-1/283, 5-17=-492/1528, 7-17=-493/1524

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 6-0-0, Exterior(2R) 6-0-0 to 12-0-0, Interior (1) 12-0-0 to 18-0-0, Exterior(2R) 18-0-0 to 24-0-0, Interior (1) 24-0-0 to 28-0-0, Exterior(2E) 28-0-0 to 31-0-0 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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
10) Ceiling dead load (5.0 psf) on member(s). 3-4, 8-9, 4-19, 17-19, 17-18, 8-18; Wall dead load (5.0psf) on member(s).3-15, 9-13
11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 13-15
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	A1	Attic	12	1	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	A1A	Attic	4	1	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.73 S Jul 11 2024 Print: 8.730 S Jul 11 2024 MiTek Industries, Inc. Fri Sep 12 10:02:31 — Page: 1

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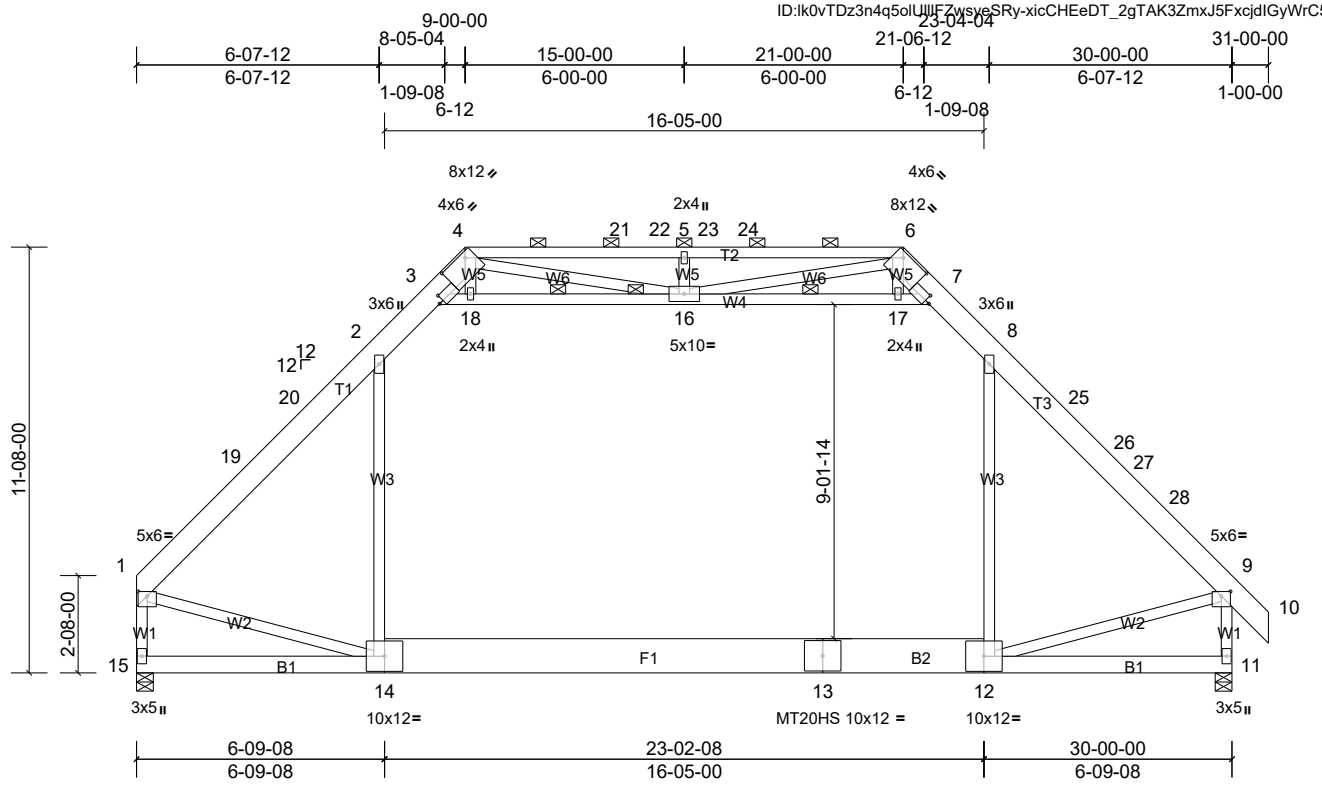


Scale = 1:63.4

Plate Offsets (X, Y): [1:3-00,3-08], [3:1-09,2-04], [4:9-00,1-12], [6:9-00,1-12], [7:1-09,2-04], [9:3-00,3-08]

Loading	(psf)	Spacing	2-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.75	Vert(LL)	-0.36	12-14	>979	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.89	Vert(CT)	-0.51	12-14	>696	180	MT20HS	187/143
TCDL	10.0	Rep Stress Incr	YES	WB	0.64	Horz(CT)	0.03	11	n/a	n/a		
BCLL	0.0 *	Code	IRC2021/TPI2014	Matrix-MSH		Attic	-0.31	12-14	>629	360		
BCDL	10.0										Weight: 304 lb	FT = 20%

LUMBER

TOP CHORD	2x8 SP 2400F 2.0E *Except* T2:2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2,F1:2x12 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2

REACTIONS (lb/size) 11=1510/5-08, (min. 2-04), 15=1438/5-08, (min. 2-03)
Max Horiz 15=-298 (LC 10)
Max Grav 11=1898 (LC 48), 15=1833 (LC 48)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (3-1-11 max.): 4-6.
BOT CHORD	Rigid ceiling directly applied or 2-8-10 oc bracing.
WEBS	1 Row at midpt 3-16, 7-16
JOINTS	1 Brace at Jt(s): 16

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 1-19=-2051/0, 19-20=-1940/0, 2-20=-1938/0, 2-3=-1501/146, 3-4=-929/257, 4-21=-1945/465, 21-22=-1945/465, 5-22=-1945/465, 5-23=-1945/465, 23-24=-1945/465, 6-24=-1945/465, 6-7=-917/259, 7-8=-1511/140, 8-25=-1925/0, 25-26=-1936/0, 26-27=-1950/0, 27-28=-1961/0, 9-28=-2042/0, 1-15=-1990/0, 9-11=-2068/0

BOT CHORD 14-15=-298/337, 13-14=0/1389, 12-13=0/1369

WEBS 2-14=0/825, 8-12=0/808, 3-18=-1739/270, 16-18=-1699/268, 16-17=-1738/256, 7-17=-1779/258, 1-14=-3/1323, 9-12=-1/1400, 5-16=-636/160, 6-17=-6/280, 4-18=-8/271, 4-16=-499/1508, 6-16=-489/1544

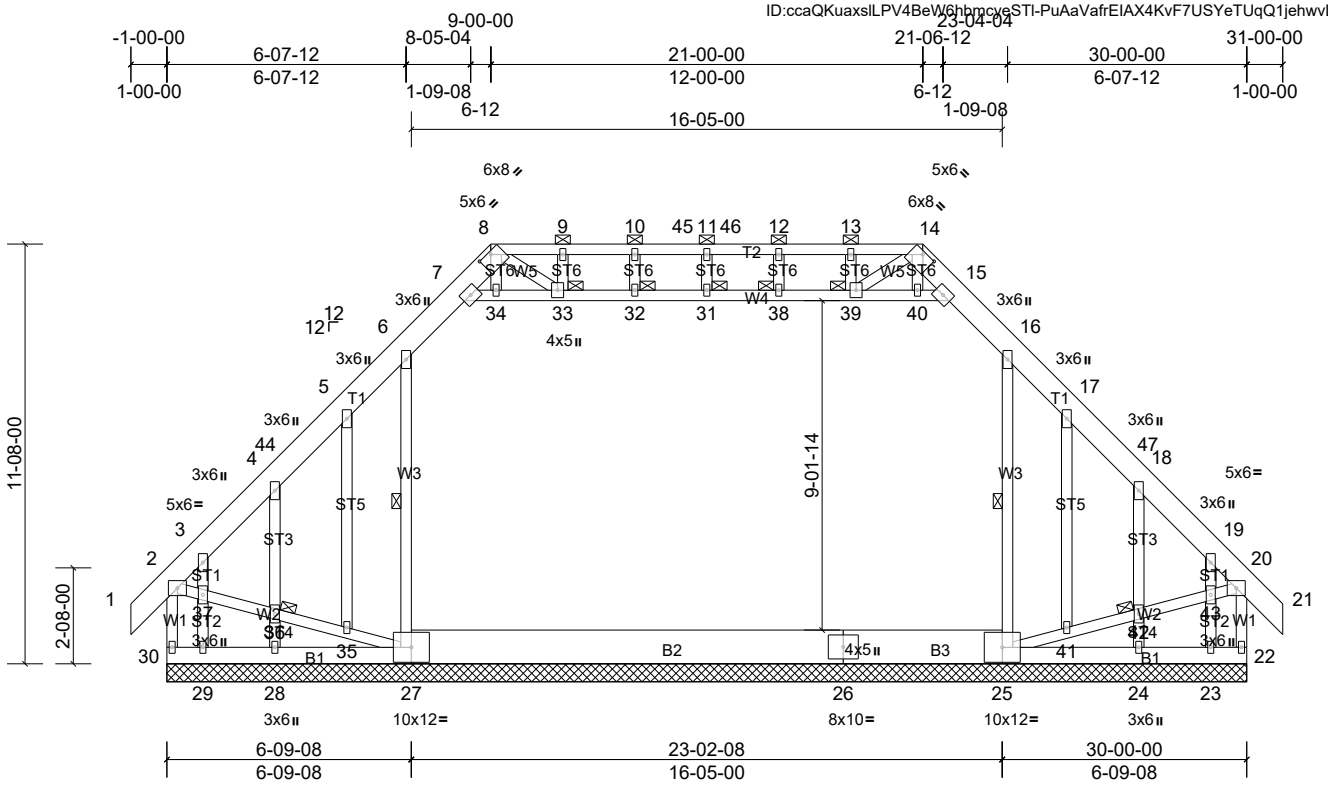
NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) interior zone and C-C Exterior(2E) 0-1-12 to 3-1-12, Interior (1) 3-1-12 to 4-9-1, Exterior(2R) 4-9-1 to 13-2-15, Interior (1) 13-2-15 to 16-9-1, Exterior(2R) 16-9-1 to 25-2-15, Interior (1) 25-2-15 to 28-0-0, Exterior(2E) 28-0-0 to 31-0-0 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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
10) Ceiling dead load (5.0 psf) on member(s). 2-3, 7-8, 3-18, 16-18, 16-17, 7-17; Wall dead load (5.0psf) on member(s).2-14, 8-12
11) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-14
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
13) Attic room checked for L/360 deflection.

Continued on page 2

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	A1GE	Attic Supported Gable	1	1	Job Reference (optional)



Scale = 1:64.3

Plate Offsets (X, Y): [8:4-04,1-00], [14:4-04,1-00]

Loading	(psf)	Spacing	2-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.56	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.78	Horz(CT)	0.01	22	n/a	n/a		
BCLL	0.0*	Code	IRC2021/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 340 lb	FT = 20%

LUMBER

TOP CHORD	2x8 SP 2400F 2.0E *Except* T2:2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2,B3:2x12 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2
OTHERS	2x4 SP No.3

REACTIONS All bearings 30-00-00.

(lb) - Max Horiz 30=312 (LC 13)

Max Uplift All uplift 100 (lb) or less at joint(s) 23, 25, 27, 29 except 22=-276 (LC 11), 24=-287 (LC 57), 28=-279 (LC 55), 30=-296 (LC 10)

Max Grav All reactions 250 (lb) or less at joint(s) 24, 28 except 22=840 (LC 41), 23=280 (LC 27), 25=1019 (LC 54), 27=1032 (LC 52), 29=289 (LC 26), 30=842 (LC 41)

BRACING

TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals, and 2-0-0 oc purlins (4-1-3 max.): 8-14.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 6-27, 16-25
JOINTS	1 Brace at Jt(s): 31, 32, 33, 36, 38, 39, 42

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 2-30=-841/269, 2-3=-774/270, 3-4=-891/306, 4-44=-828/267, 5-44=-792/282, 5-6=-749/281, 6-7=-889/291, 7-8=-704/170, 8-9=-1483/351, 9-10=-1481/353, 10-45=-1481/353, 11-45=-1481/353, 11-46=-1481/353, 12-46=-1481/353, 12-13=-1481/353, 13-14=-1483/350, 14-15=-704/166, 15-16=-889/291, 16-17=-749/267, 17-47=-792/266, 18-47=-828/253, 18-19=-891/293, 19-20=-774/256, 20-22=-841/256

BOT CHORD 29-30=-297/278, 28-29=-297/278, 27-28=-297/278, 26-27=-222/579, 25-26=-225/574

WEBS 2-37=-230/659, 36-37=-211/597, 35-36=-210/595, 27-35=-217/610, 6-27=-404/116, 16-25=-404/112, 25-41=-211/610, 41-42=-205/595, 42-43=-206/597, 20-43=-224/659, 32-33=-173/902, 31-32=-173/902, 31-38=-173/902, 38-39=-173/902, 9-33=-368/98, 28-36=-251/195, 13-39=-368/97, 24-42=-254/196, 8-33=-347/1304, 14-39=-346/1304

NOTES

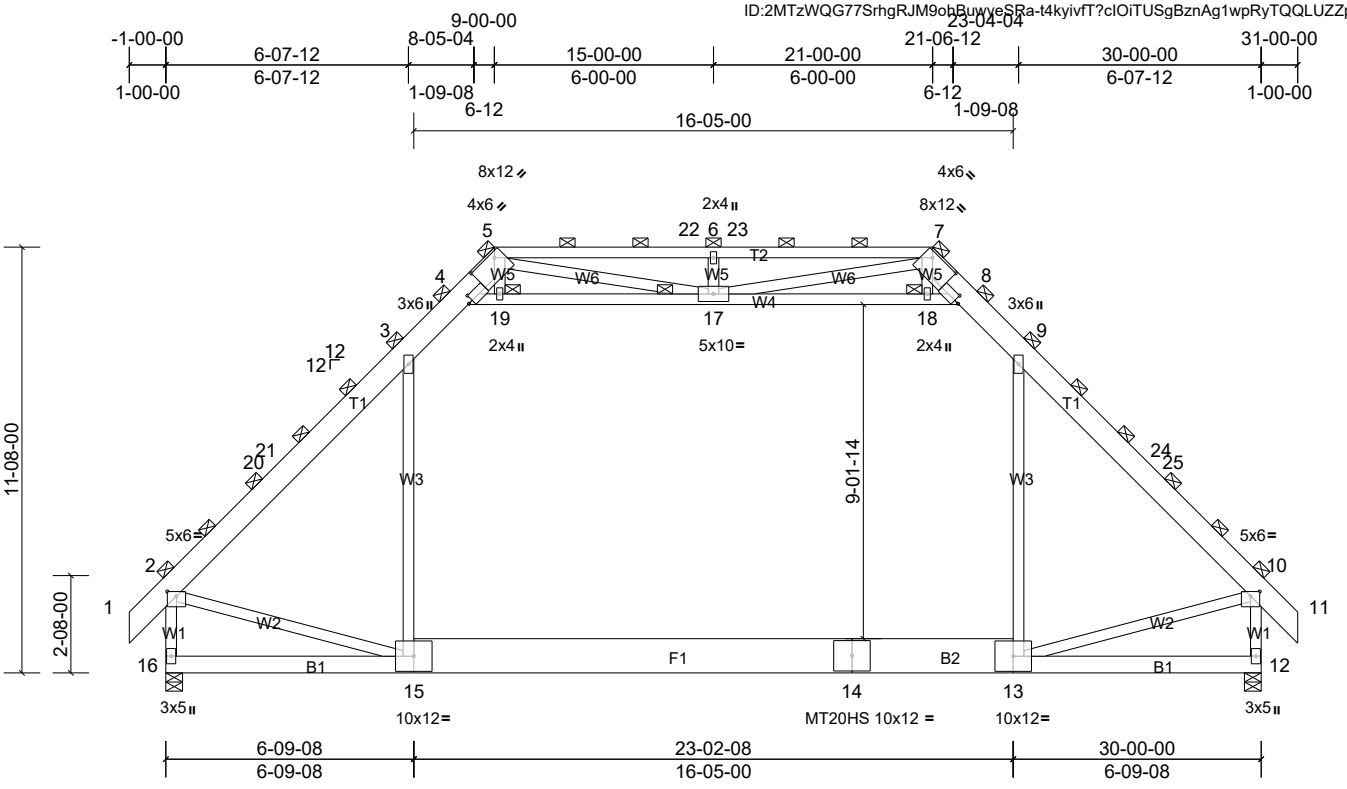
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-0-0 to 2-0-0, Exterior(2N) 2-0-0 to 6-0-0, Corner(3R) 6-0-0 to 12-0-0, Exterior(2N) 12-0-0 to 18-0-0, Corner(3R) 18-0-0 to 24-0-0, Exterior(2N) 24-0-0 to 28-0-0, Corner(3E) 28-0-0 to 31-0-0 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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Provide adequate drainage to prevent water ponding.
8) All plates are 2x4 MT20 unless otherwise indicated.
9) Gable requires continuous bottom chord bearing.
10) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

Continued on page 2

11) Gable studs spaced at 2-0-0 oc.
12) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
13) * 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.
14) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 27, 25, 29, 23 except (jt=lb) 30=296, 22=275, 28=279, 24=286.
15) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
16) Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	A1GR	Attic Girder	1	2	Job Reference (optional)



Scale = 1:63.4

Plate Offsets (X, Y): [2:3-00,3-08], [4:1-09,2-04], [5:9-00,1-12], [7:9-00,1-12], [8:1-09,2-04], [10:3-00,3-08]

Loading	(psf)	Spacing	4-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.84	Vert(LL)	-0.36	13-15	>979	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.97	Vert(CT)	-0.51	13-15	>696	180	MT20HS	187/143
TCDL	10.0	Rep Stress Incr	NO	WB	0.64	Horz(CT)	0.03	12	n/a	n/a		
BCLL	0.0 *	Code	IRC2021/TPI2014	Matrix-MSH		Attic	-0.31	13-15	>629	360		
BCDL	10.0										Weight: 616 lb	FT = 20%

LUMBER

TOP CHORD	2x8 SP 2400F 2.0E *Except* T2:2x4 SP No.2
BOT CHORD	2x6 SP No.2 *Except* B2,F1:2x12 SP 2400F 2.0E
WEBS	2x4 SP No.3 *Except* W4:2x4 SP No.2

BRACING

TOP CHORD	2-0-0 oc purlins (4-9-8 max.), except end verticals (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.
JOINTS	1 Brace at Jt(s): 5, 7, 2, 10, 17, 18, 19

REACTIONS (lb/size) 12=3018/5-08, (min. 2-04), 16=3017/5-08, (min. 2-04)
Max Horiz 16=631 (LC 11)
Max Grav 12=3794 (LC 44), 16=3792 (LC 44)

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

TOP CHORD 2-20=-3812/0, 20-21=-3637/0, 3-21=-3546/0, 3-4=-2684/213, 4-5=-1860/517, 5-22=-3896/931, 6-22=-3896/931, 6-23=-3896/931, 7-23=-3896/931, 7-8=-1837/518, 8-9=-2697/212, 9-24=-3548/0, 24-25=-3621/0, 10-25=-3796/0, 2-16=-3803/0, 10-12=-3826/0

BOT CHORD 15-16=-639/707, 14-15=0/2571, 13-14=0/2528

WEBS 3-15=0/1652, 9-13=0/1616, 4-19=-3476/536, 17-19=-3395/532, 17-18=-3469/517, 8-18=-3550/521, 2-15=0/2649, 10-13=-7/2687, 6-17=-1271/321, 7-18=-13/520, 5-19=-15/510, 5-17=-996/3018, 7-17=-985/3085

NOTES

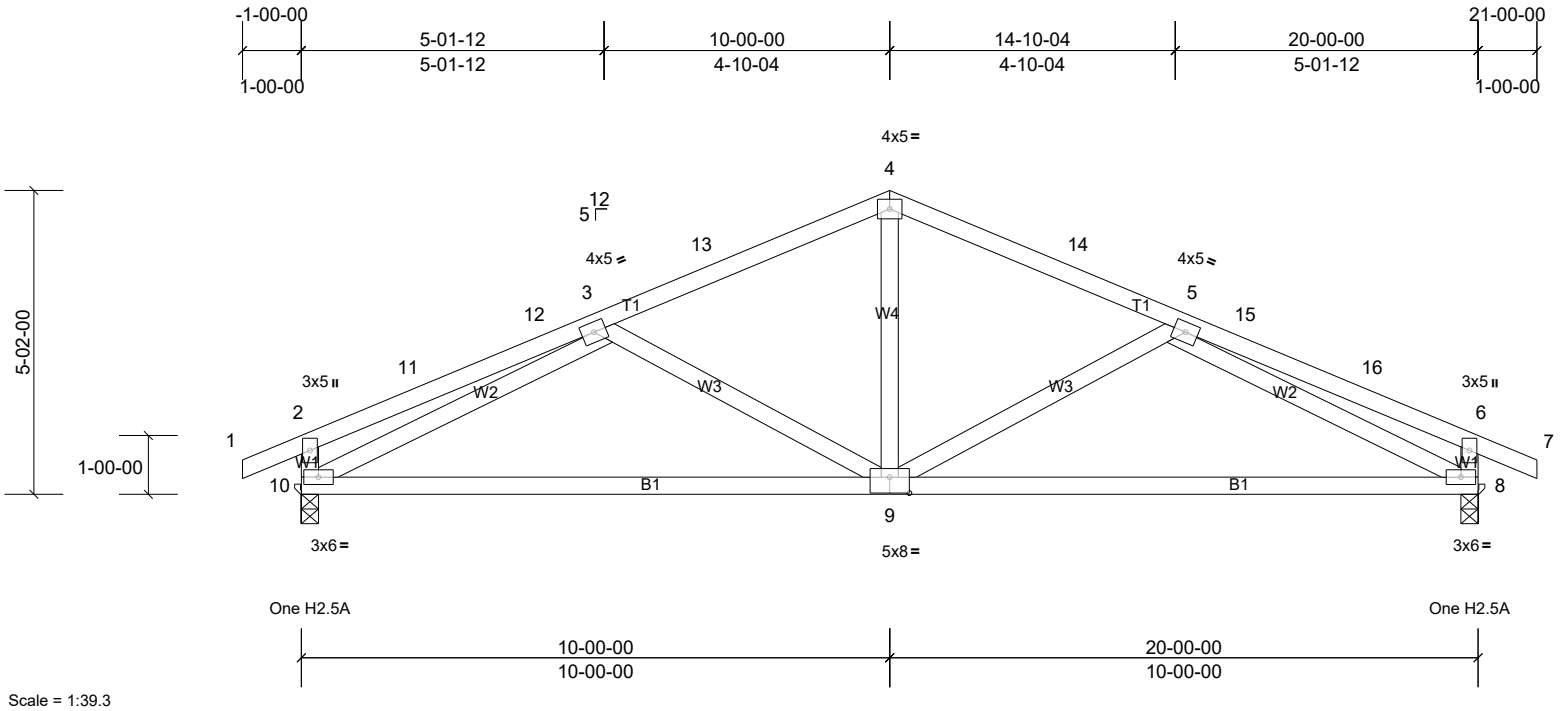
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x8 - 2 rows staggered at 9-00 oc, 2x4 - 1 row at 9-00 oc.
Bottom chords connected as follows: 2x6 - 2 rows staggered at 9-00 oc, 2x12 - 2 rows staggered at 9-00 oc.
Web connected as follows: 2x4 - 1 row at 9-00 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 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
5) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
6) Unbalanced snow loads have been considered for this design.
7) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
8) Provide adequate drainage to prevent water ponding.
9) All plates are MT20 plates unless otherwise indicated.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * 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.
12) Ceiling dead load (5.0 psf) on member(s). 3-4, 8-9, 4-19, 17-19, 17-18, 8-18; Wall dead load (5.0psf) on member(s).3-15, 9-13
13) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 13-15
14) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
15) Attic room checked for L/360 deflection.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	A1GR	Attic Girder	1	**2**	Job Reference (optional)

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	B1	Common	5	1	Job Reference (optional)



Scale = 1:39.3

Plate Offsets (X, Y): [9:4-00,3-04]

Loading	(psf)	Spacing	2-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.51	Vert(LL)	-0.19	9-10	>999	240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.99	Vert(CT)	-0.38	9-10	>617	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.68	Horz(CT)	0.03	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2021/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 106 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-1-14 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

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

REACTIONS (lb/size) 8=857/3-08, (min. 1-08), 10=857/3-08, (min. 1-08)
Max Horiz 10=-50 (LC 15)
Max Uplift 8=-221 (LC 11), 10=-221 (LC 10)
Max Grav 8=912 (LC 22), 10=912 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-11=-306/157, 11-12=-277/166, 3-12=-263/177, 3-13=-1009/499, 4-13=-915/513, 4-14=-915/513, 5-14=-1009/499, 5-15=-263/200, 15-16=-277/189, 6-16=-306/180, 2-10=-314/181, 6-8=-314/190
BOT CHORD 9-10=-397/1138, 8-9=-400/1138
WEBS 4-9=-250/474, 5-9=-339/178, 3-9=-339/178, 3-10=-1063/390, 5-8=-1063/369

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) -1-0-0 to 2-0-0, Interior (1) 2-0-0 to 7-0-0, Exterior(2R) 7-0-0 to 13-0-0, Interior (1) 13-0-0 to 18-0-0, Exterior(2E) 18-0-0 to 21-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed; porch left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
4) Unbalanced snow loads have been considered for this design.
5) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
8) One H2.5A Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 10 and 8. This connection is for uplift only and does not consider lateral forces.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	B1GE	Common Supported Gable	1	1	Job Reference (optional)

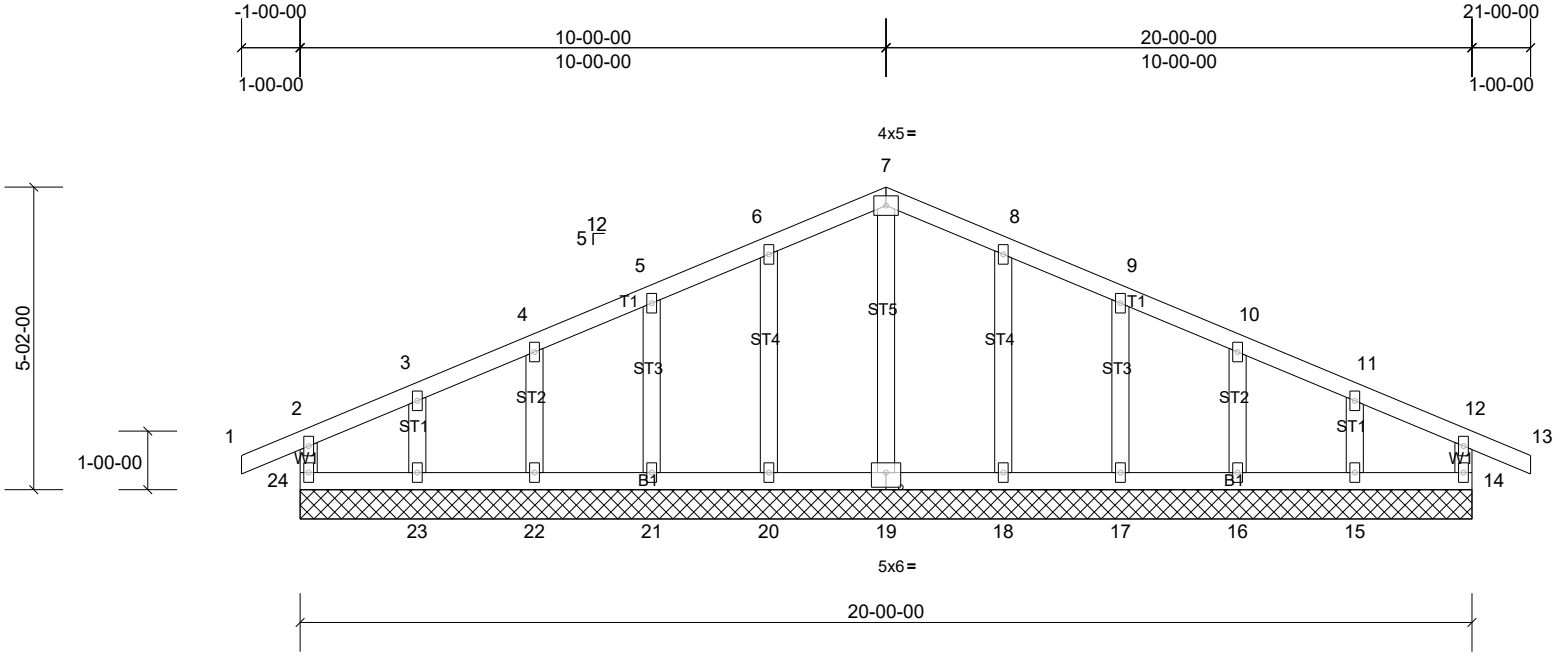


Plate Offsets (X, Y): [19:3-00,3-00]

Loading	(psf)	Spacing	2-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	14	n/a	n/a		
BCLL	0.0 *	Code	IRC2021/TPI2014	Matrix-MR								
BCDL	10.0										Weight: 104 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
WEBS	2x4 SP No.3
OTHERS	2x4 SP 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.

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

REACTIONS All bearings 20-00-00.
(lb) - Max Horiz 24=-50 (LC 15)
Max Uplift All uplift 100 (lb) or less at joint(s) 14, 15, 16, 17, 18, 20, 21, 22, 23, 24
Max Grav All reactions 250 (lb) or less at joint(s) 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24

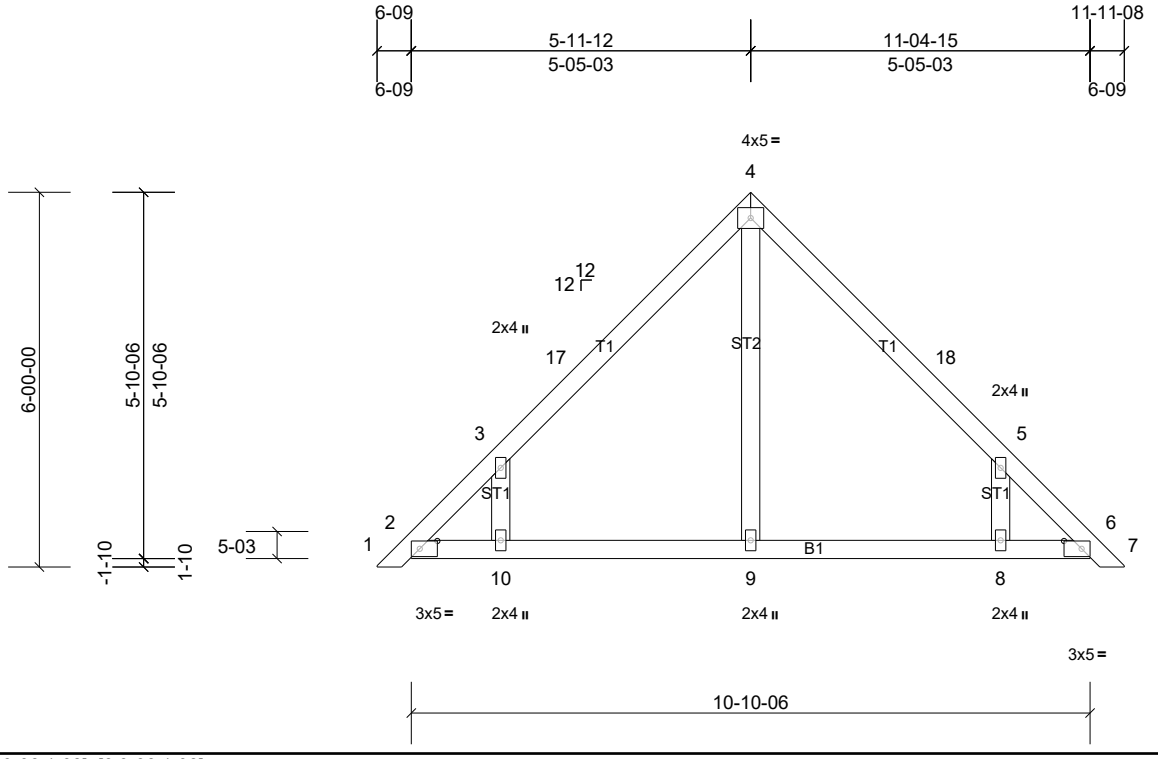
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Corner(3E) -1-0-0 to 2-0-0, Exterior(2N) 2-0-0 to 7-0-0, Corner(3R) 7-0-0 to 13-0-0, Exterior(2N) 13-0-0 to 18-0-0, Corner(3E) 18-0-0 to 21-0-0 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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
10) Gable studs spaced at 2-0-0 oc.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * 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.
13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 14, 20, 21, 22, 23, 18, 17, 16, 15.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	PB1	Piggyback	16	1	Job Reference (optional)



Scale = 1:37

Plate Offsets (X, Y): [2:3-06,1-08], [6:3-06,1-08]

Loading	(psf)	Spacing	2-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.34	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.12	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.10	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2021/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 53 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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.

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

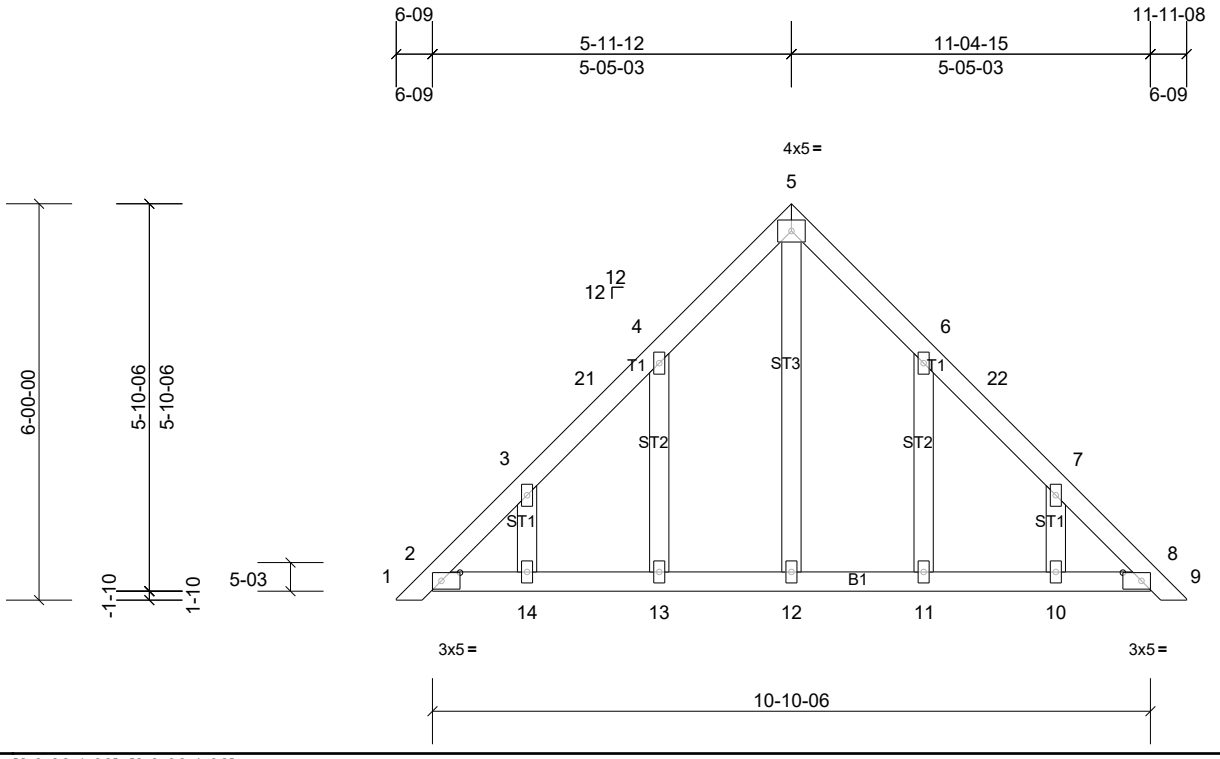
REACTIONS All bearings 10-10-06.
(lb) - Max Horiz 2=-136 (LC 12), 11=-136 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 6, 11, 14 except 8=-198 (LC 15), 10=-200 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 11, 14 except 8=445 (LC 22), 9=258 (LC 21), 10=445 (LC 21)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 3-10=-424/311, 5-8=-424/311

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-10 to 3-2-10, Exterior(2R) 3-2-10 to 8-9-6, Exterior(2E) 8-9-6 to 11-9-6 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
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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) Gable requires continuous bottom chord bearing.
8) Gable studs spaced at 4-0-0 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 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members.
11) One H2.5A Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 6, 10, and 8. This connection is for uplift only and does not consider lateral forces.
12) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	PB1GE	Piggyback	1	1	Job Reference (optional)



Scale = 1:35

Plate Offsets (X, Y): [2:3-06,1-08], [8:3-06,1-08]

Loading	(psf)	Spacing	2-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.10	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.03	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	YES	WB	0.07	Horz(CT)	0.00	8	n/a	n/a		
BCLL	0.0 *	Code	IRC2021/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 63 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
OTHERS 2x4 SP No.3

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.

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

REACTIONS All bearings 10-10-06.
(lb) - Max Horiz 2=-136 (LC 12), 15=-136 (LC 12)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 8, 15, 18 except 10=-101 (LC 15), 11=-104 (LC 15), 13=-104 (LC 14), 14=-102 (LC 14)
Max Grav All reactions 250 (lb) or less at joint(s) 2, 8, 10, 12, 14, 15, 18 except 11=286 (LC 22), 13=286 (LC 21)

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

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-10 to 3-2-10, Exterior(2R) 3-2-10 to 8-9-6, Exterior(2E) 8-9-6 to 11-9-6 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
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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
7) All plates are 2x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Gable studs spaced at 2-0-0 oc.
10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
11) * 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.
12) One H2.5A Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 8, 13, 14, 11, and 10. This connection is for uplift only and does not consider lateral forces.
13) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	PB1GR	Piggyback	1	2	Job Reference (optional)

Carter Components, Sanford, NC, user — Run: 8.73 S Jul 11 2024 Print: 8.730 S Jul 11 2024 MiTek Industries, Inc. Fri Sep 12 10:02:34 — Page: 1

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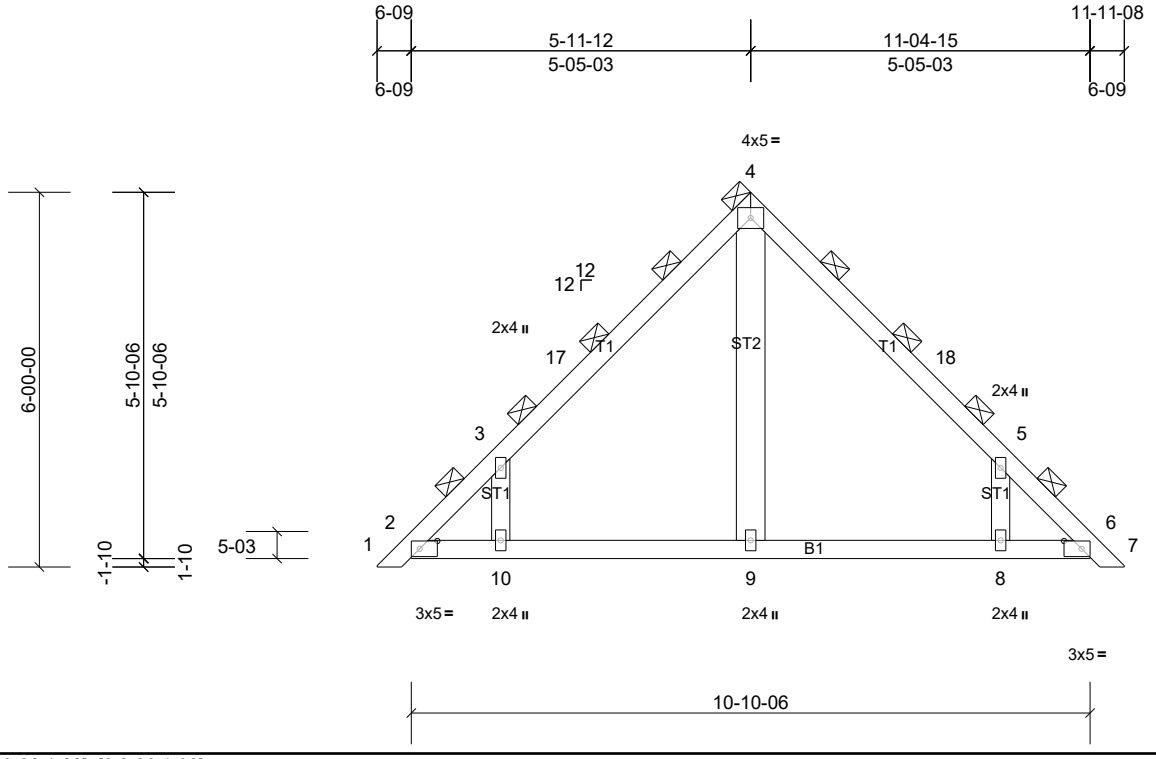

Scale = 1:37

Plate Offsets (X, Y): [2:3-06,1-08], [6:3-06,1-08]

Loading	(psf)	Spacing	4-00-00	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.39	Vert(LL)	n/a	-	n/a	999	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.15	BC	0.13	Vert(CT)	n/a	-	n/a	999		
TCDL	10.0	Rep Stress Incr	NO	WB	0.09	Horz(CT)	0.00	6	n/a	n/a		
BCLL	0.0 *	Code	IRC2021/TPI2014	Matrix-MSH								
BCDL	10.0										Weight: 115 lb	FT = 20%

LUMBER

TOP CHORD	2x4 SP No.2
BOT CHORD	2x4 SP No.2
OTHERS	2x4 SP No.3 *Except* ST2:2x6 SP No.2

BRACING

TOP CHORD	2-0-0 oc purlins (6-0-0 max.) (Switched from sheeted: Spacing > 2-0-0).
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS All bearings 10-10-06.

(lb) - Max Horiz 2=-272 (LC 12), 11=-272 (LC 12)

Max Uplift All uplift 100 (lb) or less at joint(s) 6, 14 except 2=-150 (LC 12), 8=-396 (LC 15), 10=-398 (LC 14), 11=-150 (LC 12)

Max Grav All reactions 250 (lb) or less at joint(s) 2, 6, 11, 14 except 8=891 (LC 22), 9=578 (LC 22), 10=891 (LC 21)

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

TOP CHORD	2-3=-352/273, 3-17=-440/183, 5-18=-440/183, 5-6=-302/198
WEBS	4-9=-401/0, 3-10=-843/596, 5-8=-843/596

NOTES

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 9-00 oc.
   Bottom chords connected with 10d (0.131"x3") nails as follows: 2x4 - 1 row at 9-00 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 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) exterior zone and C-C Exterior(2E) 0-2-10 to 3-2-10, Exterior(2R) 3-2-10 to 8-9-6, Exterior(2E) 8-9-6 to 11-9-6 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
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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Fully Exp.; Ce=0.9; Cs=1.00; Ct=1.10
7) Unbalanced snow loads have been considered for this design.
8) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
9) Gable requires continuous bottom chord bearing.
10) Gable studs spaced at 4-0-0 oc.
11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
12) * 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.
13) One H2.5A Simpson Strong-Tie connectors recommended to connect truss to bearing walls due to UPLIFT at jt(s) 2, 6, 10, and 8. This connection is for uplift only and does not consider lateral forces.
14) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
15) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	658 Coachman-Roof-Scott Morrill Garage
25090059-01	PB1GR	Piggyback	1	**2**	Job Reference (optional)

LOAD CASE(S) Standard