MiTek USA, Inc.
16023 Swingley Ridge Rd
Chesterfield, MO 63017
314-434-1200

Re: Crash_Champions
P220338

The truss drawing(s) referenced below have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Premier Building Supply (Springhill, KS)20300 W 207th Street.

Pages or sheets covered by this seal: I52937126 thru I52937127

My license renewal date for the state of Missouri is December 31, 2023.

Missouri COA: Engineering 001193

SUBMITTAL:
Crash Champions - Body Shop - Wood Truss - shop drawings

ROSE DESIGN GROUP INC.

[X] APPROVED
[ ] APPROVED AS NOTED
[ ] REVISE & RESUBMIT
[ ] REJECTED

By: Chris Bell 07/15/2022

This review is only for general conformance of the project and general compliance. Corrections or comments made on these drawings during this review do not relieve Subcontractor from compliance with the requirements of the plans and specifications. Subcontractor is responsible for all dimensions and fabrication to be confirmed and correlated at the job site

July 7,2022

Sevier, Scott ,Engineer

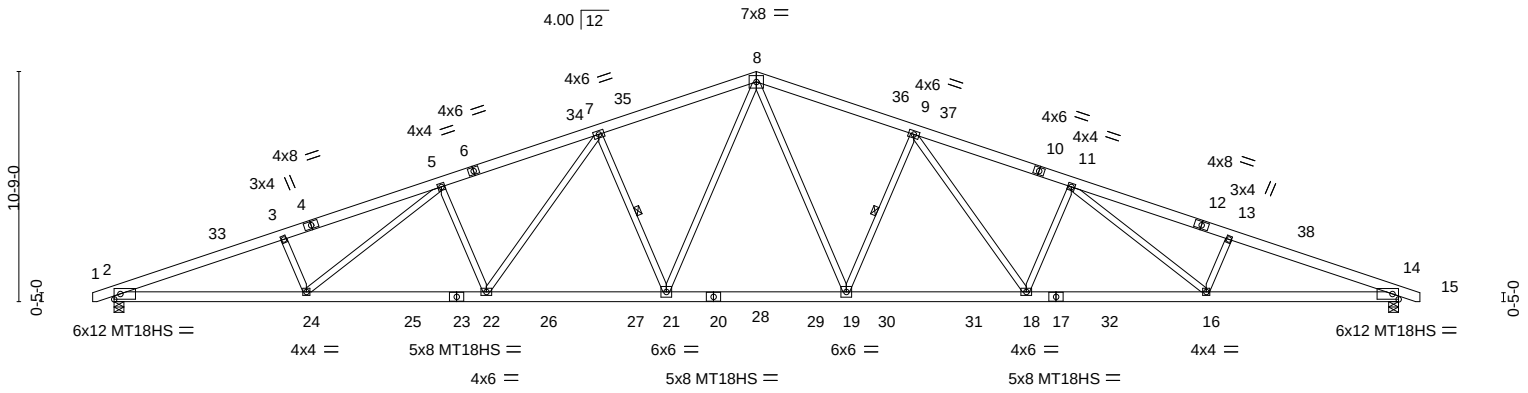
IMPORTANT NOTE: The seal on these truss component designs is a certification that the engineer named is licensed in the jurisdiction(s) identified and that the designs comply with ANSI/TPI 1. These designs are based upon parameters shown (e.g., loads, supports, dimensions, shapes and design codes), which were given to MiTek or TRENCO. Any project specific information included is for MiTek's or TRENCO's customers file reference purpose only, and was not taken into account in the preparation of these designs. MiTek or TRENCO has not independently verified the applicability of the design parameters or the designs for any particular building. Before use, the building designer should verify applicability of design parameters and properly incorporate these designs into the overall building design per ANSI/TPI 1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	P220338
CRASH_CHAMPIONS	R1	COMMON	34	1	I52937126
					Job Reference (optional)

Premier Building Supply (Springhill, KS), Spring Hills, KS - 66083, 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed Jul 6 14:50:38 2022 Page 1
ID:UsnmMoJ??D9rs0dz4hvUoYz4Nax-oW2pk?G6Q2N_f5amAfV7KUW4oUlB2z9YuGcz4ez_ldl

-1-0-0	7-11-3	15-3-7	22-7-12	30-0-0	37-4-4	44-8-9	52-0-13	60-0-0	61-0-0
1-0-0	7-11-3	7-4-4	7-4-4	7-4-4	7-4-4	7-4-4	7-4-4	7-11-3	1-0-0

Scale = 1:107.6



8-11-12	17-4-11	25-9-9	34-2-7	42-7-5	51-0-4	60-0-0
8-11-12	8-4-14	8-4-14	8-4-14	8-4-14	8-4-14	8-11-12

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.97	Vert(LL)	-0.60	19-21	>999	240	MT20	197/144
Snow (Ps/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.54	Vert(CT)	-1.11	19-21	>646	180	MT18HS	197/144
TCDL	15.0	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.28	14	n/a	n/a		
BCLL	0.0 *	Code	IBC2021/TPI2014	Matrix-S							Weight: 357 lb	FT = 20%
BCDL	10.0											

LUMBER-
TOP CHORD 2x6 SPF No.2
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SPF No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-21, 9-19

REACTIONS. (size) 2=0-5-8, 14=0-5-8
Max Horz 2=-123(LC 14)
Max Grav 2=3318(LC 28), 14=3318(LC 29)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-8077/76, 3-5=-7889/101, 5-7=-7005/134, 7-8=-5728/167, 8-9=-5728/167, 9-11=-7005/134, 11-13=-7890/101, 13-14=-8078/76
BOT CHORD 2-24=-27/7556, 22-24=0/6924, 21-22=0/5900, 19-21=0/4744, 18-19=0/5825, 16-18=0/6832, 14-16=-19/7464
WEBS 3-24=-323/108, 5-24=0/751, 5-22=-831/95, 7-22=0/1319, 7-21=-1332/117, 8-21=-7/1739, 8-19=-7/1739, 9-19=-1332/117, 9-18=0/1319, 11-18=-831/95, 11-16=0/751, 13-16=-323/108

NOTES-
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=16ft; B=70ft; L=60ft; eave=7ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -0-10-13 to 5-1-3, Interior(1) 5-1-3 to 30-0-0, Exterior(2R) 30-0-0 to 36-0-0, Interior(1) 36-0-0 to 60-10-13 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=25.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=25.0 psf; Ps=19.3 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
4) Roof design snow load has been reduced to account for slope.
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 19.3 psf on overhangs non-concurrent with other live loads.
7) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
8) All plates are MT20 plates unless otherwise indicated.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

July 7,2022

MiTek
16023 Swingley Ridge Rd
Chesterfield, MO 63017

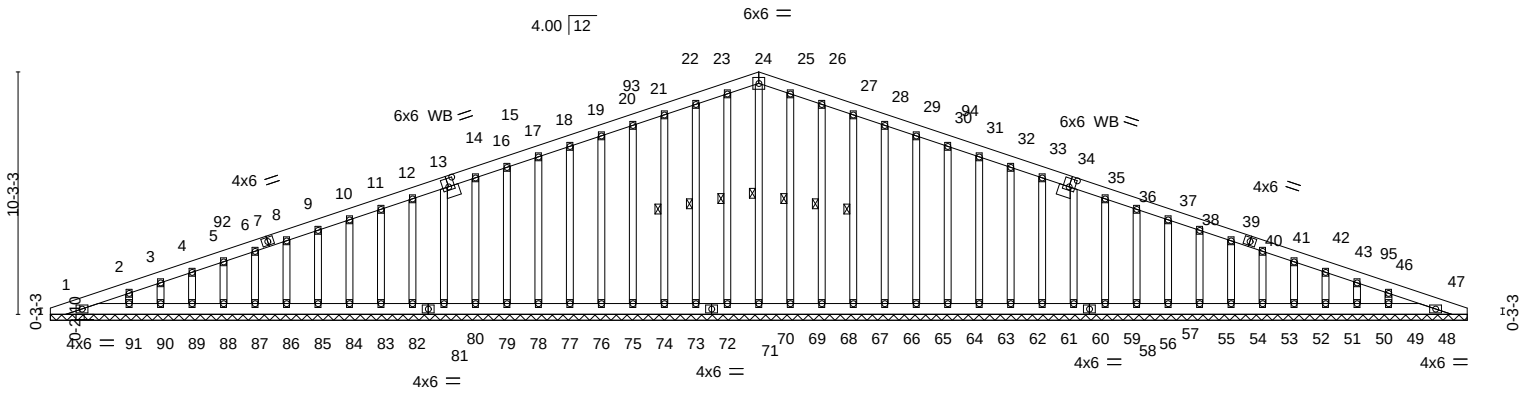
Job	Truss	Truss Type	Qty	Ply	P220338
CRASH_CHAMPIONS	R1GB	GABLE	2	1	I52937127
					Job Reference (optional)

Premier Building Supply (Springhill, KS), Spring Hills, KS - 66083, 8.530 s Dec 6 2021 MiTek Industries, Inc. Wed Jul 6 14:50:43 2022 Page 1
ID:UsnmMoJ??D9rs0dz4hvUoYz4Nax-9UrinjKFEb?HmsTkzC5I1YDA8VaUjNFH2YJjmsz_ldg

30-0-0
30-0-0

60-0-0
30-0-0

Scale = 1:97.6



60-0-0
60-0-0

Plate Offsets (X,Y)-- [14:0-3-0,0-4-4], [34:0-3-0,0-4-4]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	197/144
Snow (Ps/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999		
TCDL	15.0	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.00	47	n/a	n/a		
BCLL	0.0 *	Code	IBC2021/TPI2014	Matrix-S								
BCDL	10.0										Weight: 446 lb	FT = 20%

LUMBER-

TOP CHORD	2x6 SPF No.2
BOT CHORD	2x6 SPF No.2
OTHERS	2x4 SPF No.3 *Except* 14-14,34-34: 2x6 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.
WEBS	1 Row at midpt 24-69, 23-70, 22-72, 21-73, 25-68, 26-67, 27-66

REACTIONS. All bearings 60-0-0.
(lb) - Max Horz 1=-117(LC 14)
Max Grav All reactions 250 lb or less at joint(s) 1, 47, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 82, 83, 84, 85, 86, 87, 88, 89, 90, 68, 67, 66, 65, 64, 63, 62, 61, 60, 59, 57, 56, 55, 54, 53, 52, 51, 50, 49 except 91=266(LC 34), 48=266(LC 35)

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=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=16ft; B=70ft; L=60ft; eave=7ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) 0-7-13 to 6-7-13, Interior(1) 6-7-13 to 30-0-0, Exterior(2R) 30-0-0 to 36-0-0, Interior(1) 36-0-0 to 59-4-3 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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=25.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=25.0 psf; Ps=19.3 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
5) Roof design snow load has been reduced to account for slope.
6) Unbalanced snow loads have been considered for this design.
7) All plates are 3x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Gable studs spaced at 1-4-0 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

July 7,2022

MiTek
16023 Swingley Ridge Rd
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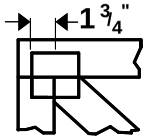
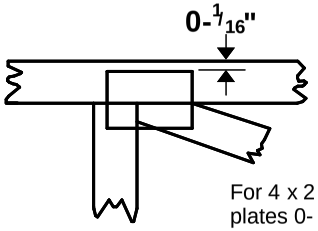
Symbols

PLATE LOCATION AND ORIENTATION



Center plate on joint unless x, y offsets are indicated. Dimensions are in ft-in-sixteenths. Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0- 1/16" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

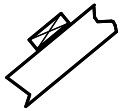
*** Plate location details available in MiTek 20/20 software or upon request.**

PLATE SIZE

4 x 4

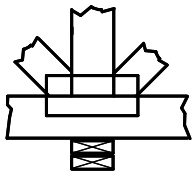
The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING LOCATION



Indicated by symbol shown and/or by text in the bracing section of the output. Use T or I bracing if indicated.

BEARING

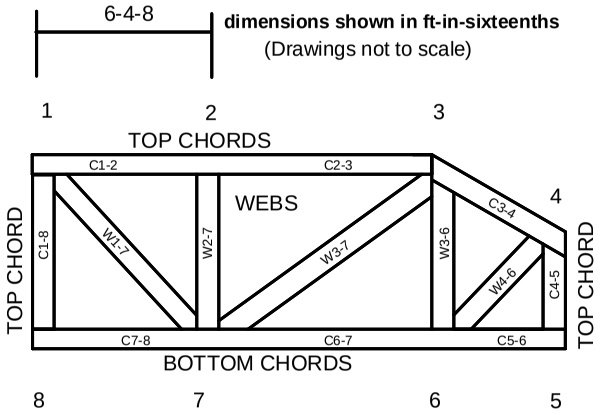


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

Industry Standards:

ANSI/TPI1: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCSI: Building Component Safety Information, Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

Numbering System



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

PRODUCT CODE APPROVALS

ICC-ES Reports:

ESR-1311, ESR-1352, ESR1988
ER-3907, ESR-2362, ESR-1397, ESR-3282

Trusses are designed for wind loads in the plane of the truss unless otherwise shown.

Lumber design values are in accordance with ANSI/TPI 1 section 6.3 These truss designs rely on lumber values established by others.

MiTek Engineering Reference Sheet: MII-7473 rev. 5/19/2020

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g. diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral braces themselves may require bracing, or alternative Tor I bracing should be considered.
3. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by ANSI/TPI 1.
7. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TPI 1.
8. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (front, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with ANSI/TPI 1 Quality Criteria.

21.The design does not take into account any dynamic or other loads other than those expressly stated.

Job	Truss	Truss Type	Qty	Ply	
CRASH CHAMPIONS	R1	COMMON	34	1	Job Reference (optional)

Premier Building Components

8.600 s Jun 14 2022 MiTek Industries, Inc. Fri Jul 15 08:34:38 2022 Page 1

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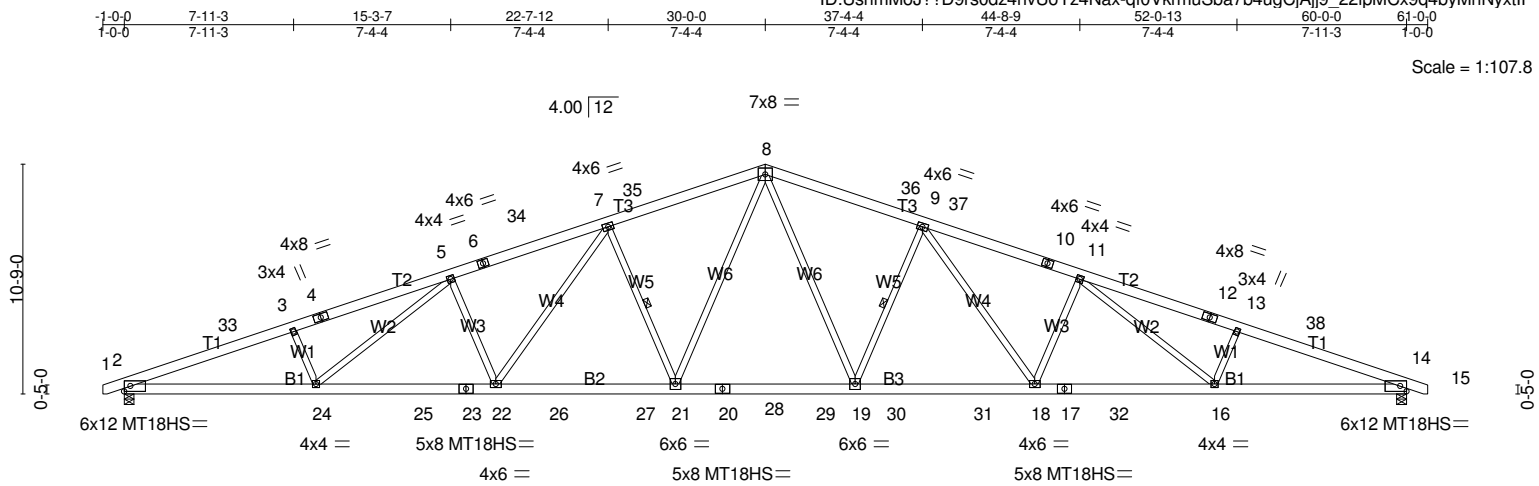

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.97	Vert(LL)	-0.60	19-21	>999	240	MT20	197/144
Snow (Ps/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.54	Vert(CT)	-1.11	19-21	>646	180	MT18HS	197/144
TCDL	15.0	Rep Stress Incr	YES	WB	0.74	Horz(CT)	0.28	14	n/a	n/a		
BCLL	0.0 *	Code	IBC2021/TPI2014	Matrix-S							Weight: 357 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD 2x6 SPF No.2
BOT CHORD 2x6 SP 2400F 2.0E
WEBS 2x4 SPF No.3

BRACING-

TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-21, 9-19

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

REACTIONS. (lb/size) 2=2712/0-5-8 (min. 0-2-12), 14=2712/0-5-8 (min. 0-2-11)
Max Horz 2=-123(LC 14)
Max Grav 2=3318(LC 28), 14=3318(LC 29)

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

TOP CHORD 2-33=-8077/60, 3-33=-7961/76, 3-4=-7889/76, 4-5=-7813/101, 5-6=-7005/109, 6-34=-6927/129, 7-34=-6864/134, 7-35=-5728/142, 8-35=-5645/167, 8-36=-5645/167, 9-36=-5728/142, 9-37=-6864/134, 10-37=-6928/129, 10-11=-7005/109, 11-12=-7813/101, 12-13=-7890/76, 13-38=-7961/76, 14-38=-8078/60

BOT CHORD 2-24=-27/7556, 24-25=0/6924, 23-25=0/6924, 22-23=0/6924, 22-26=0/5900, 26-27=0/5900, 21-27=0/5900, 21-28=0/4744, 20-28=0/4744, 20-29=0/4744, 19-29=0/4744, 19-30=0/5825, 30-31=0/5825, 18-31=0/5825, 17-18=0/6832, 17-32=0/6832, 16-32=0/6832, 14-16=-19/7464

WEBS 3-24=-323/108, 5-24=0/751, 5-22=-831/95, 7-22=0/1319, 7-21=-1332/117, 8-21=-7/1739, 8-19=-7/1739, 9-19=-1332/117, 9-18=0/1319, 11-18=-831/95, 11-16=0/751, 13-16=-323/108

NOTES-

1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=16ft; B=70ft; L=60ft; eave=7ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -0-10-13 to 5-1-3, Interior(1) 5-1-3 to 30-0-0, Exterior(2R) 30-0-0 to 36-0-0, Interior(1) 36-0-0 to 60-10-13 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) TCLL: ASCE 7-16; Pr=25.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=25.0 psf; Ps=19.3 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
4) Roof design snow load has been reduced to account for slope.
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 19.3 psf on overhangs non-concurrent with other live loads.
7) WARNING: This long span truss requires extreme care and experience for proper and safe handling and erection. For general handling and erection guidance, see Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses ("BCSI"), jointly produced by SBCA and TPI. The building owner or the owner's authorized agent shall contract with a qualified registered design professional for the design and inspection of the temporary installation restraint/bracing and the permanent individual truss member restraint/bracing. MiTek assumes no responsibility for truss manufacture, handling, erection, or bracing.
8) All plates are MT20 plates unless otherwise indicated.
9) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
10) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
CRASH CHAMPIONS	R1GB	GABLE	2	1	Job Reference (optional)

Premier Building Components

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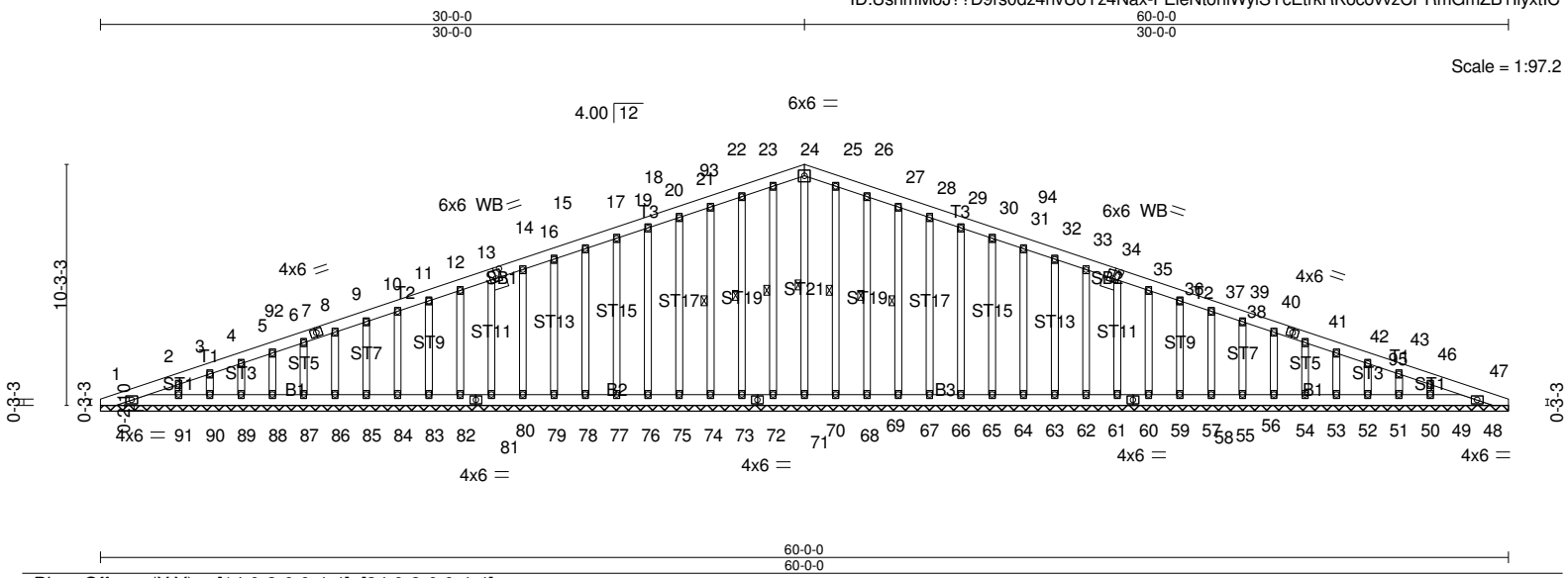

Plate Offsets (X,Y)-- [14:0-3-0,0-4-4], [34:0-3-0,0-4-4]

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL (roof)	25.0	Plate Grip DOL	1.15	TC	0.04	Vert(LL)	n/a	-	n/a	999	MT20	197/144
Snow (Ps/Pg)	19.3/25.0	Lumber DOL	1.15	BC	0.02	Vert(CT)	n/a	-	n/a	999		
TCDL	15.0	Rep Stress Incr	YES	WB	0.18	Horz(CT)	0.00	47	n/a	n/a		
BCLL	0.0 *	Code IBC2021/TPI2014		Matrix-S							Weight: 446 lb	FT = 20%
BCDL	10.0											

LUMBER-

TOP CHORD	2x6 SPF No.2
BOT CHORD	2x6 SPF No.2
OTHERS	2x4 SPF No.3 *Except* SB1,SB2: 2x6 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.
WEBS	1 Row at midpt 24-69, 23-70, 22-72, 21-73, 25-68, 26-67, 27-66

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

REACTIONS. All bearings 60-0-0.

(lb) - Max Horz 1=-117(LC 14)

Max Grav All reactions 250 lb or less at joint(s) 1, 47, 69, 70, 72, 73, 74, 75, 76, 77, 78, 79, 80, 82, 83, 84, 85, 86, 87, 88, 89, 90, 68, 67, 66, 65, 64, 63, 62, 61, 60, 59, 57, 56, 55, 54, 53, 52, 51, 50, 49 except 91=266(LC 34), 48=266(LC 35)

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=115mph (3-second gust) Vasd=91mph; TCDL=6.0psf; BCDL=6.0psf; h=16ft; B=70ft; L=60ft; eave=7ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) 0-7-13 to 6-7-13, Interior(1) 6-7-13 to 30-0-0, Exterior(2R) 30-0-0 to 36-0-0, Interior(1) 36-0-0 to 59-4-3 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
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=25.0 psf (roof LL: Lum DOL=1.15 Plate DOL=1.15); Pg=25.0 psf; Ps=19.3 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
5) Roof design snow load has been reduced to account for slope.
6) Unbalanced snow loads have been considered for this design.
7) All plates are 3x4 MT20 unless otherwise indicated.
8) Gable requires continuous bottom chord bearing.
9) Gable studs spaced at 1-4-0 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.

LOAD CASE(S) Standard

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ROOF LOADING CRITERIA

TOP CHORD LIVE LOAD	(TCLL)	25
TOP CHORD DEAD LOAD	(TCDL)	15
BOTTOM CHORD LIVE LOAD	(BCLL)	0
BOTTOM CHORD DEAD LOAD	(BCDL)	10

DEFLECTION: (LIVE) (TOTAL)
WIND SPEED: EXP:
BUILDING CODE: IRC 2018

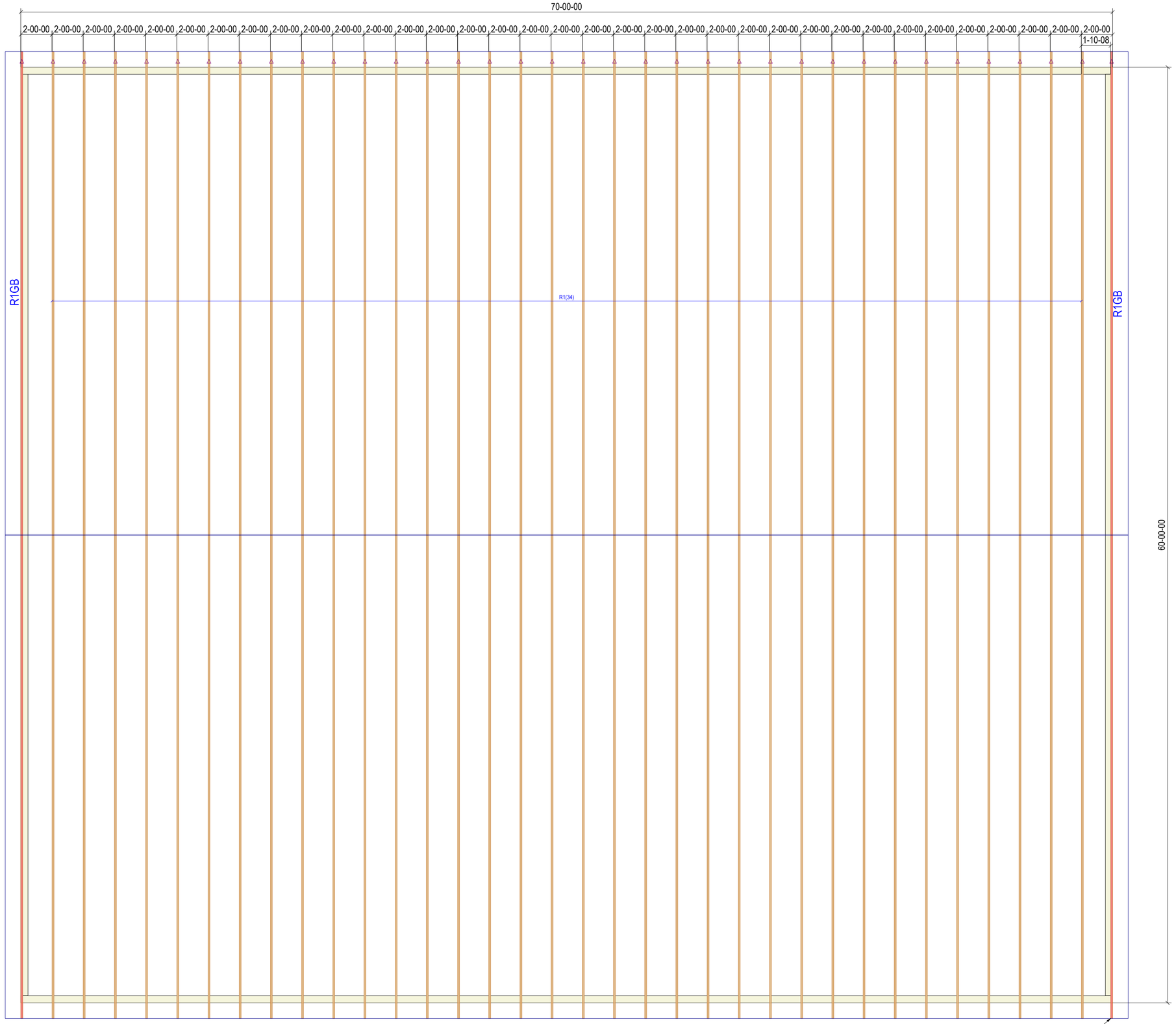
Scale:
NTS

Date:
7/15/2022

Job #:
P220338

TRUSS PLACEMENT DIAGRAM

ROOF



ALL ROOF TRUSS DIMENSIONS ARE FROM OUTSIDE EDGE OF STUD (u.n.o.)

SET ROOF TRUSSES FLUSH WITH FRAMING (u.n.o.)

WARNING: Trusses must be handled with care to prevent damage and injury.

This truss placement diagram is to be used only as an installation aid; it is not a structural diagram. These trusses are designed as individual building components to be incorporated into the building design at the the specification of the building designer. See individual design sheets for each truss design identified on the placement drawing.

Professional advice should be sought regarding handling, installation, temporary and permanent bracing before erecting trusses. Temporary and permanent bracing is required during installation of trusses to prevent possible collapse.

For general guidance regarding bracing, consult "BCSI-06" available jointly from WTCA & TPI.

Premier Building Supply must be notified of any issues requiring a back charge prior to any work being done. Premier Building Supply reserves the right to use it's service staff in lieu of being back charged.