



City of Portland, Oregon - Bureau of Development Services

1900 SW Fourth Avenue • Portland, Oregon 97201 | 503-823-7300 | www.portlandoregon.gov/bds



Deferred Submittal Requirements and Application

Applicants will provide:

☒ A copy of this application

☒ Three (3) sets of plans

☒ Two (2) set of calculations

☒ Two (2) sets of product information

Drawings and calculations must be stamped and signed by an Engineer registered in Oregon and approved by the Architect/Engineer of record for the building.

☒ Permit fee (paid at time of submittal)

☒ If the DFS includes exterior elements, plan views and elevations identifying the location(s) as approved by the Architect and Engineer of Record must be submitted.

☒ One (1) copy of your main building permit approved plans (NOTE: Approved plans do not need to be submitted if your project has a development liaison assigned.)

Contractor submittal information:

Contact name Kevin Portain

Address 223 NE 56th Ave

City PDx State Or Zip Code 97213

Phone 503-421-2967 E-mail kevinp@gorge.net

Value of deferred submittal \$4,000 Issued main building permit # 18-219311-RS

Job site address 4117 SE 154th Ave ADH

Description/Scope of work Roof truss engineering

Fees

Deferred submittal (DFS) fees are collected in addition to the standard building review fee paid on the main building permit. DFS fees cover the cost of the additional processing and review time associated with the design build element.

The DFS fee for processing and reviewing deferred plan submittals is 10 percent of the building permit fee calculated using the value of the particular deferred portion of the project.,

Minimum fee: Residential, one and two family dwelling ...\$123 for DFS with valuation of less than or equal to \$222,000

Commercial and all other projects\$307 for DFS with valuation of less than or equal to \$680,000

The Bureau of Development Services (BDS) fee schedule is also available on the BDS web site at www.portlandoregon.gov/bds | select the Fees tab.

Helpful Information

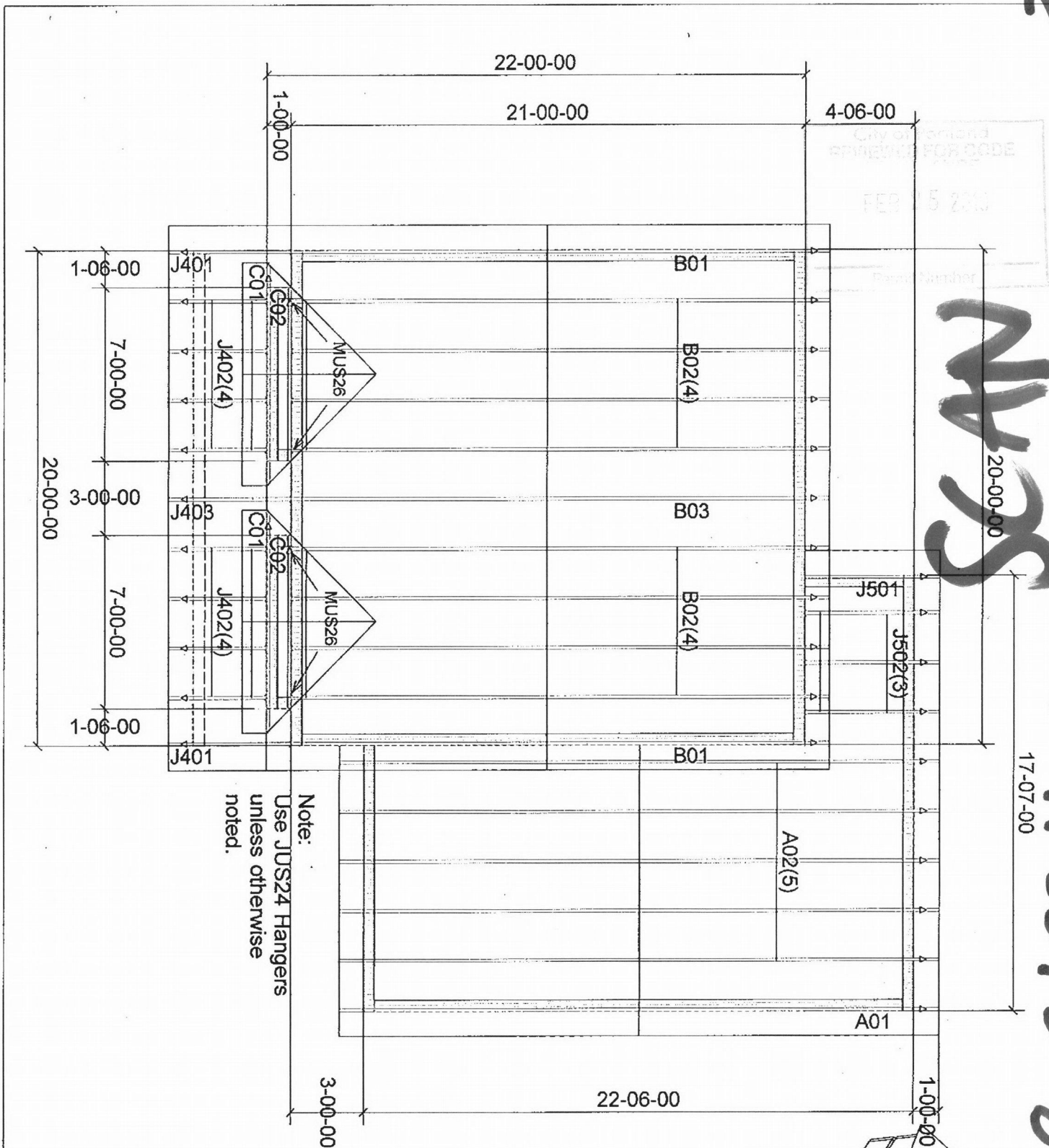
Bureau of Development Services
1900 SW 4th Avenue, Portland, OR 97201

Submit your plans to:
Development Services Center (DSC), First
Floor, For Hours Call 503-823-7310
**DEFERRED SUBMITTAL REQUIREMENTS AND
APPLICATION**

Important Telephone Numbers

BDS main number 503-823-7300
DSC automated information line 503-823-7310
Building code information 503-823-1456
BDS 24 hour inspection request line 503-823-7000
Residential information for
one and two family dwellings 503-823-7388
City of Portland TTY 503-823-6868

Information is subject to change.



PRECISION TRUSS & LUMBER
11550 SE Jennifer St
Clackamas, OR 97015
(503) 656-2983
(503) 656-2647

Client: Kris Taylor

Plan : BD1134

Sales : Cliff Puckett EXt. 124

Site : SE Portland, OR

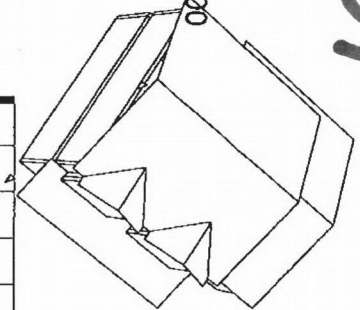
Pitch: 6/12
Overhang 12"

Project #

18-CP1883

Lot :

Loading: 25-7-0-10
Date: 9/19/2018



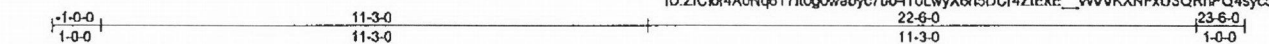
15
JUS24
E
mus26
22
24
16

2
58-10-54D-113612-81

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
18-CP1883	A01	Common Supported Gable	1	1	K5159972

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:44 2018 Page 1
ID:ZICbf4A0Ng6T7R0g0waby7ub-TT0LWYX6h5DCr4ZIEKE_WWVKXNFxU3QRhPQ4syc5kz



Scale = 1:42.4

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.06	Vert(LL)	-0.00	19	n/r	MT20	185/148
TCDL 7.0	Lumber DOL	1.15	BC 0.03	Vert(CT)	-0.00	19	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.06	Horz(CT)	0.00	18	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-R					Weight: 119 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 22-6-0.
(lb) - Max Horz 2=118(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 29, 30, 31, 32, 33, 34, 35, 27, 26, 25, 24, 23, 22, 20, 18
Max Grav All reactions 250 lb or less at joint(s) 2, 28, 29, 30, 31, 32, 33, 34, 35, 27, 26, 25, 24, 23, 22, 20, 18

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

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=26ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 1-0-0 to 1-11-0, Exterior(2) 1-11-0 to 11-3-0, Corner(3) 11-3-0 to 14-3-0, Exterior(2) 14-3-0 to 23-6-0 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
- 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.
- All plates are 2x3 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- 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 3-6-0 tall by 2-0-0 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) 2, 29, 30, 31, 32, 33, 34, 35, 27, 26, 25, 24, 23, 22, 20, 18.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE M7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITPH Quality Criteria, DSB-49 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
250 King Circle
Corona, CA 92680

Job 18-CP1883	Truss A02	Truss Type Common	Qty 5	Ply 1	Job Reference (optional) K5159973
------------------	--------------	----------------------	----------	----------	--------------------------------------

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:45 2018 Page 1
ID:Z/Cibf4A0Nq6T7R0g0waby7ub-Dga;8IYkSPM3SE84oRIDXk1ZrxUsgr8agL8_clyc5ky



Scale = 1:39.3

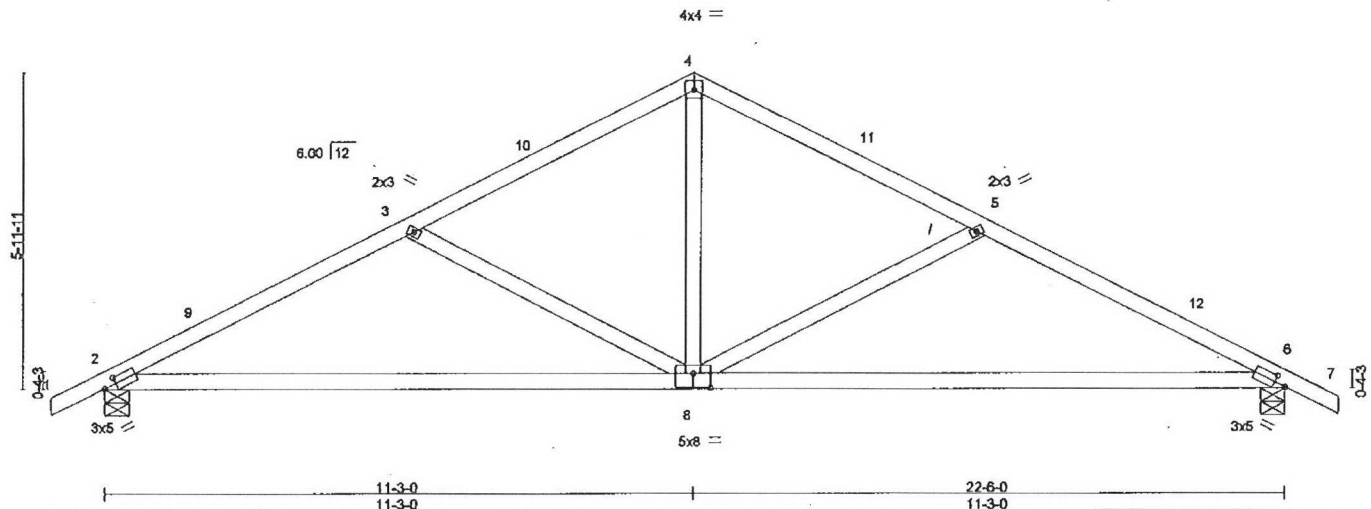


Plate Offsets (X,Y) - [2-0-2-10-0-1-8], [6-0-2-10-0-1-8], [6-0-4-0-0-3-4]									
LOADING (psf)	SPACING		CSI	DEFL.	in	(loc)	I/defl	L/d	PLATES GRIP
TCLL 25.0	Plate Grip DOL 1.15		TC 0.46	Vert(LL) -0.23	6-8	>999	240		MT20 185/148
TCDL 7.0	Lumber DOL 1.15		BC 0.86	Vert(CT) -0.49	6-8	>544	180		
BCLL 0.0 *	Rep Stress Incr YES		WB 0.33	Horz(CT) 0.04	6	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-R						Weight: 88 lb FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std

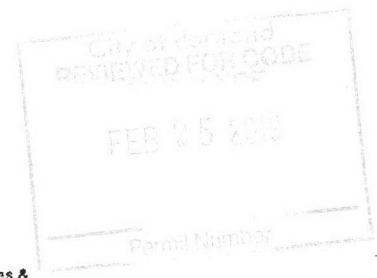
BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (lb/size) 2=1004/0-5-8, 6=1004/0-5-8
Max Horz 2=118(LC 16)
Max Uplift 2=235(LC 12), 6=235(LC 13)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=1538/363, 3-4=1160/278, 4-5=1160/278, 5-6=1538/363
BOT CHORD 2-8=339/1318, 6-8=245/1318
WEBS 4-8=45/628, 5-8=431/279, 3-8=431/279

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 1-0-0 to 2-0-0, Interior(1) 2-0-0 to 11-3-0, Exterior(2) 11-3-0 to 14-3-0, Interior(1) 14-3-0 to 23-6-0 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
- 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 3-6-0 tall by 2-0-0 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) except (jt=lb) 2=235, 6=235.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MI-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSVTPH Quality Criteria, DSB-49 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
250 King Circle
Corona, CA 92880

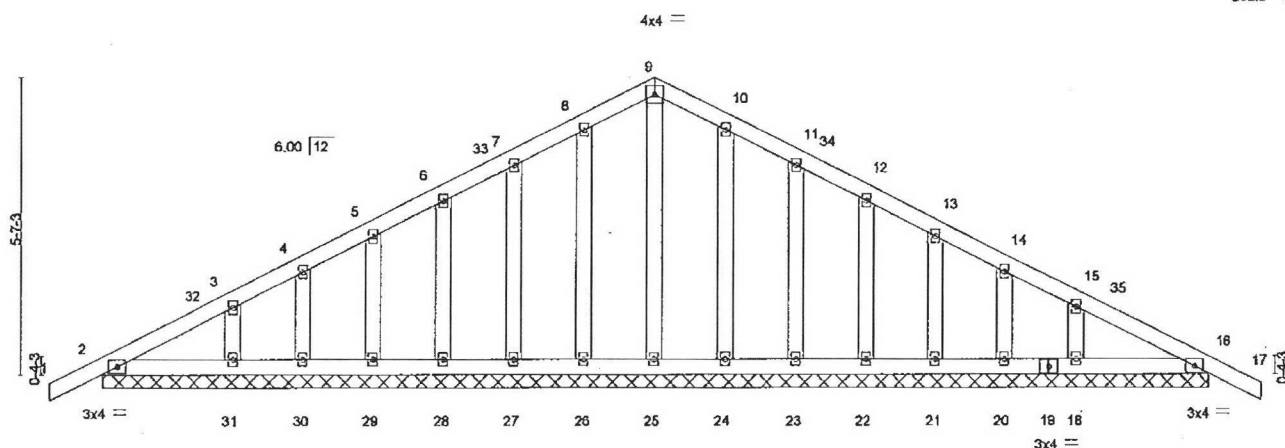
Job 18-CP1883	Truss B01	Truss Type Common Supported Gable	Qty 2	Phy 1	Job Reference (optional) K5159974
------------------	--------------	--------------------------------------	----------	----------	--------------------------------------

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:46 2018 Page 1
ID: ZICbf4A0Nq6T7f0gQwaby7ub-hs8SLeZMOUw4NjCM9HS3xaqmL3cPPjv7uX8kyc5kx

1-0-0 10-6-0 21-0-0 22-0-0
1-0-0 10-6-0 10-6-0 1-0-0

Scale = 1:39.1



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	U/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.07	Vert(LL)	-0.00	16	n/r	MT20	185/148
TCDL 7.0	Lumber DOL	1.15	BC 0.03	Vert(CT)	0.00	16	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.05	Horz(CT)	0.00	16	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-R						
								Weight: 107 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 21-0-0.
(lb) - Max Horz 2=110(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 26, 27, 28, 29, 30, 31, 24, 23, 22, 21, 20, 18, 16
Max Grav All reactions 250 lb or less at joint(s) 2, 25, 26, 27, 28, 29, 30, 31, 24, 23, 22, 21, 20, 18, 16

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

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 10-6-0, Corner(3) 10-6-0 to 13-6-0, Exterior(2) 13-6-0 to 22-0-0 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
- 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.
- All plates are 2x3 MT20 unless otherwise indicated.
- Gable requires continuous bottom chord bearing.
- 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 3-6-0 tall by 2-0-0 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) 2, 26, 27, 28, 29, 30, 31, 24, 23, 22, 21, 20, 18, 16.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M1-7473 rev. 10/31/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI1 Quality Criteria, DSB-39 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
250 Klug Circle
Corona, CA 92880

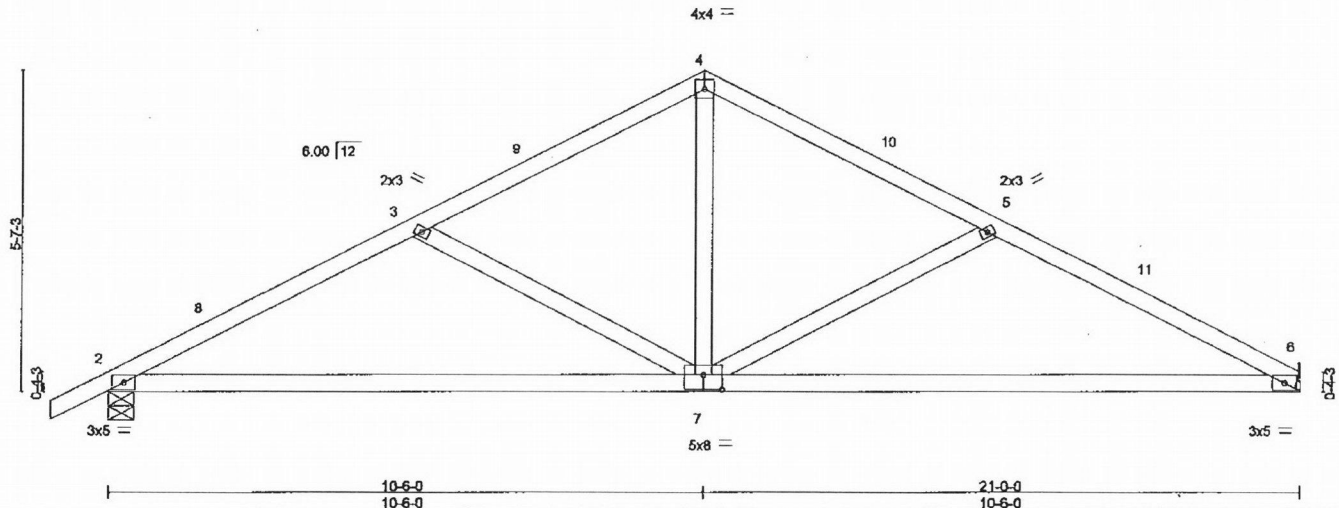
Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
18-CP1883	802	Common	8	1	K5159975

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MITek Industries, Inc. Wed Sep 19 10:07:48 2018 Page 1
ID: ZIClb4A0Nq6T7R0g0waby7ub-eFGsmJbcIKkeJhsfTaJw8Mf5e8XDtFFQMJNeDdyc5kv



Scale = 1:38.2



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCCL	25.0	Plate Grip DOL	1.15	TC	0.42	Vert(LL)	-0.19	MT20		185/148	
TCDL	7.0	Lumber DOL	1.15	BC	0.86	Vert(CT)	-0.41				
BCCL	0.0 *	Rep Stress Incr	YES	WB	0.31	Horz(CT)	0.04				
BCDL	10.0	Code IRC2015/TP1014		Matrix-R							
								Weight: 81 lb		FT = 0%	

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-5-9 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=867/Mechanical, 2=951/0-5-8
Max Horz 2=119(LC 18)
Max Uplift 8=186(LC 13), 2=223(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1447/355, 3-4=-1099/266, 4-5=-1100/278, 5-6=-1475/376
BOT CHORD 2-7=-324/1239, 6-7=-260/1274
WEBS 4-7=-61/603, 5-7=-432/272, 3-7=-396/258

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 1-0-0 to 2-0-0, Interior(1) 2-0-0 to 10-6-0, Exterior(2) 10-6-0 to 13-6-0, Interior(1) 13-6-0 to 20-11-4 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 6=186, 2=223.



EXPIRES: 12-31-2019
September 19, 2018

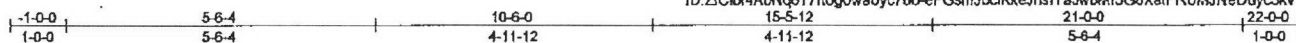
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M17473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANS/TPH Quality Criteria, DSB-88 and BCSI Building Component Safety Information: available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

Mitek
250 Klug Circle
Corona, CA 92880

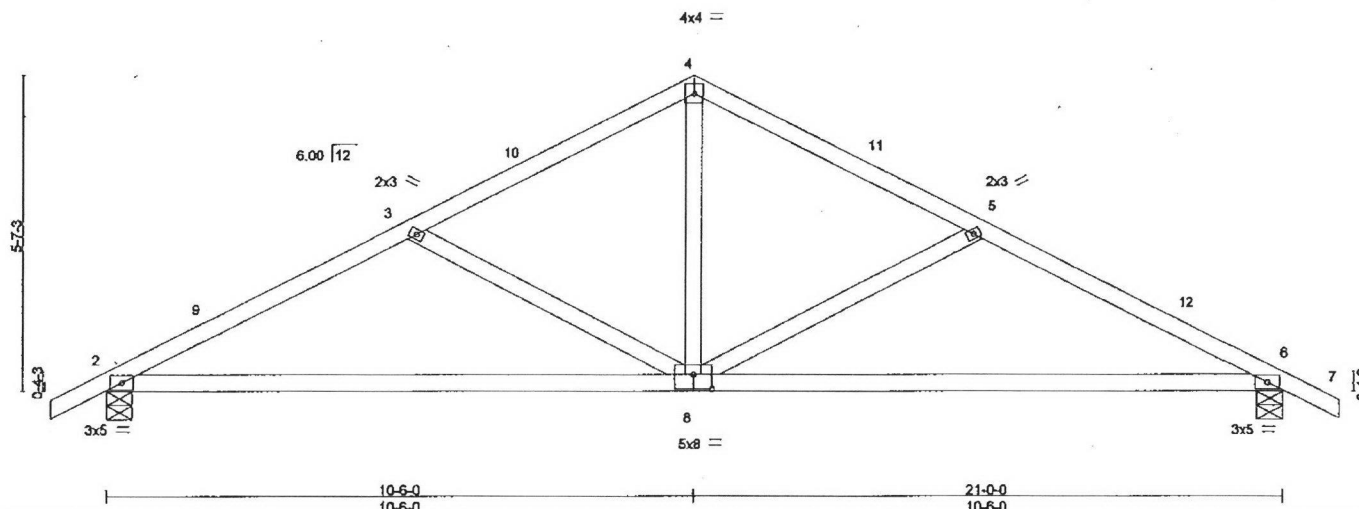
Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
18-CP1883	B03	Common	1	1	

K5159976

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:48 2018 Page 1
ID: Z/Cb4ACNg6T7f0gOwaby7ub-eFGsmJbclKkeJhsfTajw8MfSG8XaIFROMJNeDdyCskv

Scale = 1:38.9



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.39	Vert(LL)	-0.18	6-8	>999	240	MT20	185/148
TCDL 7.0	Lumber DOL	1.15	BC 0.83	Vert(CT)	-0.37	6-8	>665	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.30	Horz(CT)	0.04	6	n/a	n/a		
BCDL 10.0	Code IRC2015/TP12014		Matrix-R						Weight: 82 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-8-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(lb/size) 2=941/0-5-8, 6=941/0-5-8
Max Horz 2=110(LC 12)
Max Uplift 2=222(LC 12), 6=222(LC 13)

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

TOP CHORD 2-3=1426/339, 3-4=1077/281, 4-5=1077/281, 5-6=1426/339
BOT CHORD 2-8=313/1220, 6-8=228/1220
WEBS 4-8=41/580, 5-8=396/259, 3-8=396/258

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 10-6-0, Exterior(2) 10-6-0 to 13-6-0, Interior(1) 13-6-0 to 22-0-0 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
- 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 3-6-0 tall by 2-0-0 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) except (jt=lb) 2=222, 6=222.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M8-7473 rev. 10/3/2015 BEFORE USE.

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

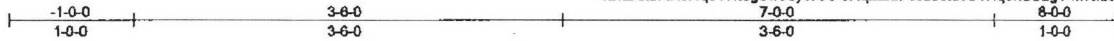
MiTek

250 Klug Circle
Corona, CA 92880

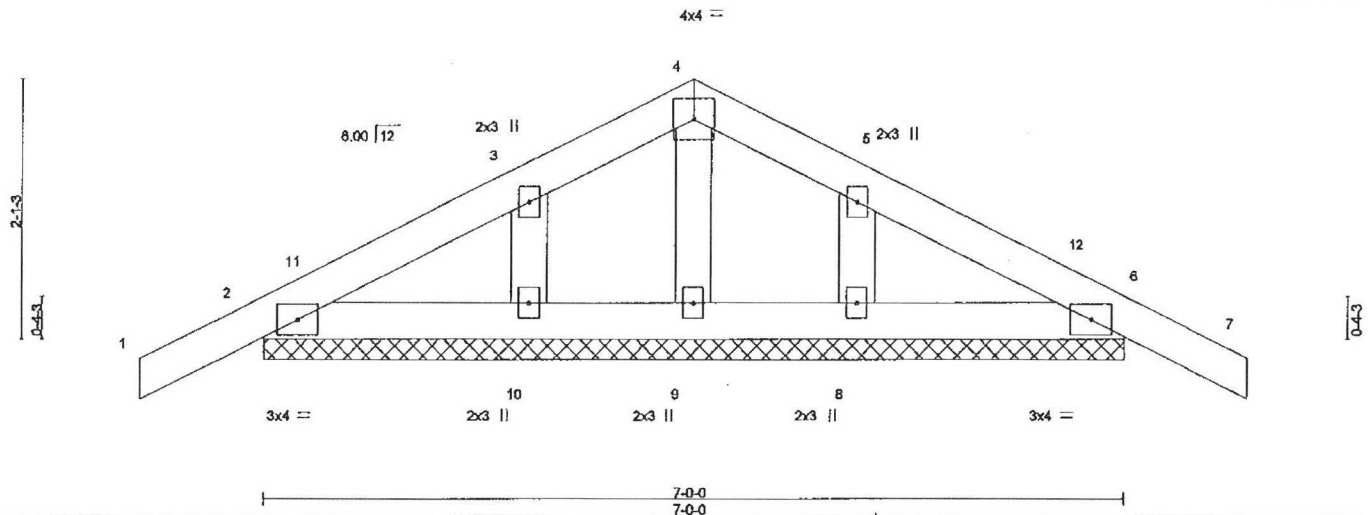
Job 18-CP1883	Truss C01	Truss Type Common Supported Gable	Qty 2	Ply 1	Job Reference (optional) K5159977
------------------	--------------	--------------------------------------	----------	----------	--------------------------------------

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:49 2018 Page 1
ID: ZICb4ACNgT7f0gOwaby7ub-6RqEzfbFWdsVxrRr1Hq9haCLgY4Mct28bz6B3yc5ku



Scale = 1:16.8



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	In	(loc)	Vdefl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.09	Vert(LL)	-0.00	7	n/r	120	MT20	185/148
TCDL 7.0	Lumber DOL	1.15	BC 0.03	Vert(CT)	-0.00	7	n/r	90		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.08	Horz(CT)	0.00	6	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P						Weight: 27 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 7-0-0.
(lb) - Max Horz 2=43(LC 12)
Max Uplift All uplift 100 lb or less at joint(s) 2, 6, 10, 8
Max Grav All reactions 250 lb or less at joint(s) 2, 6, 9, 10, 8

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

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-0-0 to 2-2-0, Exterior(2) 2-2-0 to 3-6-0, Corner(3) 3-6-0 to 6-6-0, Exterior(2) 6-6-0 to 8-0-0 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
- 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.
- Gable requires continuous bottom chord bearing.
- 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 3-6-0 tall by 2-0-0 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) 2, 6, 10, 8.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MD-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSVTPH Quality Criteria, DSB-49 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
250 King Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
18-CP1883	C02	Common Girder	2	1	K5159978

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 Mitek Industries, Inc. Wed Sep 19 10:07:50 2018 Page 1
ID: ZICb4A0Nq6T7f0g0waby7ub-adNcB7ctHx_MZ701b7LOEnThyHPL1?JpcshIVyc5kt

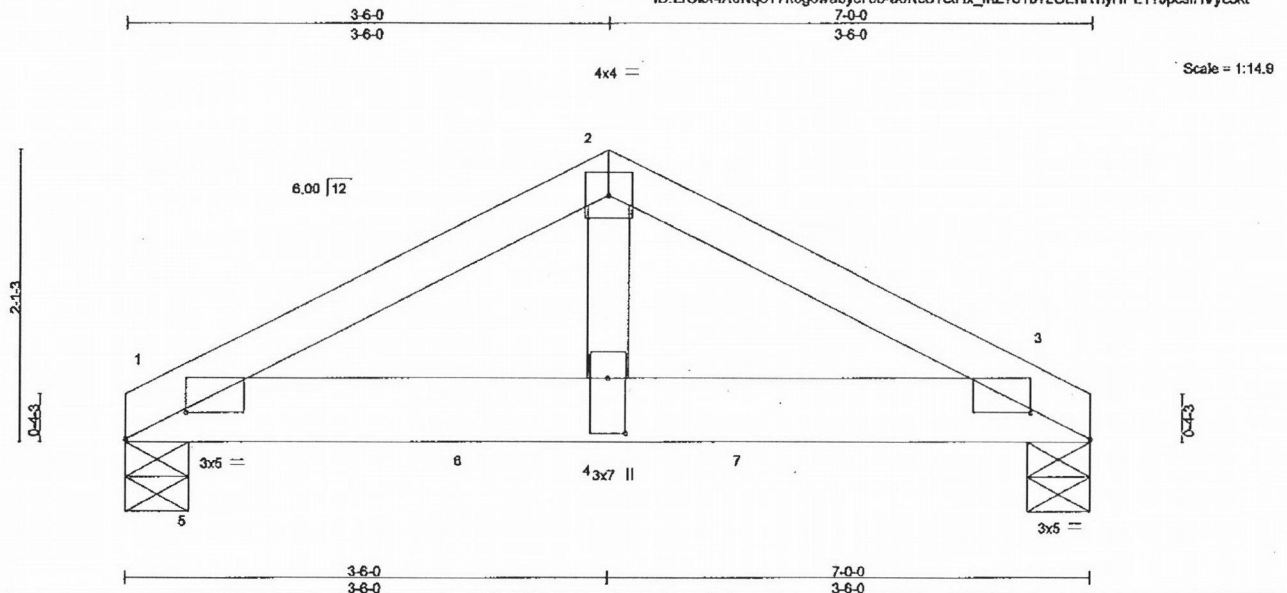


Plate Offsets (X,Y)-- [1:0-5-4:0-2-5], [3:0-5-4:0-2-5], [4:0-4-12:0-1-8]									
LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.26	Vert(LL)	-0.03	1-4	>999	MT20	185/148
TCDL 7.0	Lumber DOL	1.15	BC 0.62	Vert(CT)	-0.04	1-4	>999		
BCLL 0.0 *	Rep Stress Incr	NO	WB 0.80	Horz(CT)	0.01	3	n/a		
BCDL 10.0	Code IRC2015/TP12014		Matrix-P					Weight: 27 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x8 DF No.2
WEBS 2x4 HF Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-2-14 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=1916/0-5-8, 3=2037/0-5-8
Max Horz 1=33(LC 28)
Max Uplift 1=438(LC 8), 3=465(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=1985/435, 2-3=1985/434
BOT CHORD 1-4=359/1708, 3-4=359/1708
WEBS 2-4=305/1576

NOTES-

- Unbalanced roof live loads have been considered for this design.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
- 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 3-6-0 tall by 2-0-0 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) except (if=lb) 1=438, 3=465.
- Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 854 lb down and 200 lb up at 0-6-12, 847 lb down and 206 lb up at 2-6-12, and 847 lb down and 206 lb up at 4-6-12, and 855 lb down and 199 lb up at 6-9-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

LOAD CASE(S) Standard

- Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-64, 2-3=-64, 1-3=-20
Concentrated Loads (lb)
Vert: 3=-855(B) 5=-854(B) 6=-847(B) 7=-847(B)



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M1-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with Mitek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI Quality Criteria, DSB-49 and BC81 Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

Mitek
250 King Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
18-CP1883	J401	Monopitch Structural Gable	2	1	K5159979

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:51 2018 Page 1
ID:ZfCib14ACNg517R0g0wabyC7ub-2qx_Oldv2F6DA9bD9isdM7Hg1MP4goS2Gblpyyc5ks

-1-0-0 4-0-0
1-0-0 4-0-0

Scale = 1:14.6

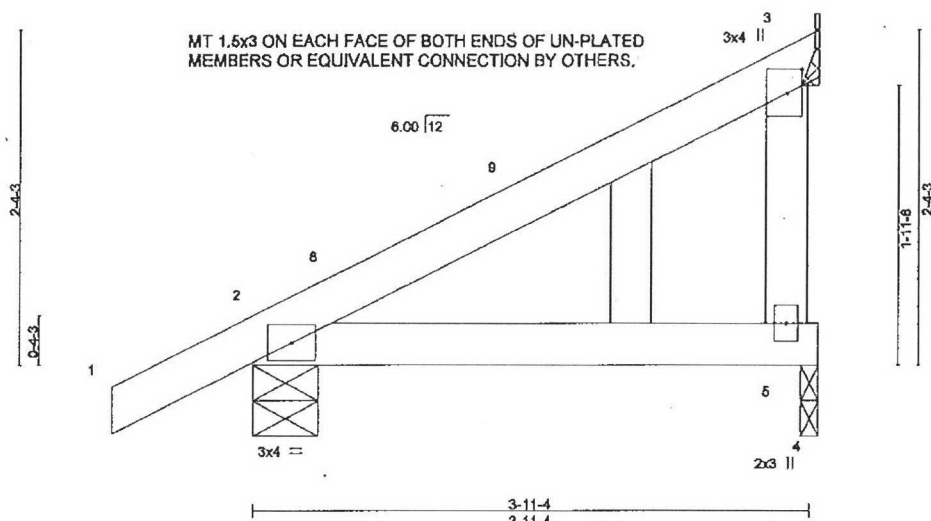


Plate Offsets (X,Y)--		[3-0-2-0-0-1-4]											
LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in (loc)	V/defl	L/d	PLATES	GRIP		
TCLL 25.0		Plate Grip DOL	1.15	TC 0.18		Vert(L/L)	-0.01 2-5	>999	240	MT20	185/148		
TCDL 7.0		Lumber DOL	1.15	BC 0.12		Vert(CT)	-0.02 2-5	>999	180				
BCLL 0.0 *		Rep Stress Incr	YES	WB 0.00		Horz(CT)	-0.00 3	n/a	n/a				
BCDL 10.0		Code IRC2015/TP12014		Matrix-P									
										Weight: 16 lb	FT = 0%		

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std
OTHERS 2x4 HF Std

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

REACTIONS. (lb/size) 5=40/0-1-8, 2=241/0-5-8, 3=100/Mechanical
Max Horz 2=97(LC 9)
Max Uplift 2=75(LC 12), 3=-68(LC 12)
Max Grav 5=80(LC 3), 2=241(LC 1), 3=100(LC 1)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 3-9-4 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TP1 1.
- 3) Gable studs spaced at 1-4-0 oc.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 3.
- 9) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MD-7473 rev. 10/02/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TP1 Quality Criteria, DSB-88 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
250 King Circle
Corona, CA 92880

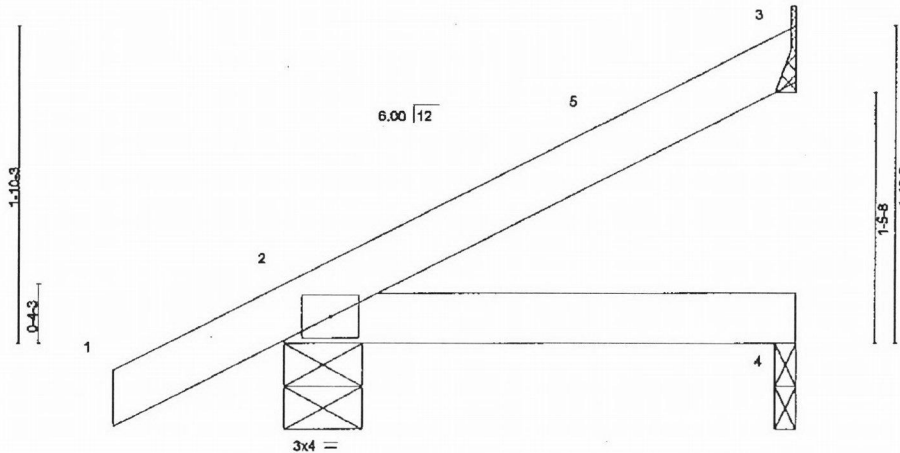
Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)	K5159980
18-CP1883	J402	Monopitch	8	1		

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:52 2018 Page 1
ID:ZICb4A0Nq6T7f0g0wabyc7ub-WQVNehe7oYE4oIAQIP0sJCqxm5Sp62bHwLsMOyc5kr



Scale: 1"=1'



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	In (loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.16	TC 0.09	Ver(L1)	-0.00	2-4	>999	MT20	220/195
TCDL 7.0	Lumber DOL	1.16	BC 0.07	Ver(CT)	-0.01	2-4	>999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TP12014		Matrix-P						
								Weight: 10 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2

BRACING-

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

REACTIONS. (lb/size) 3=69/Mechanical, 2=210/0-5-8, 4=270/1-8
Max Horz 2=85(LC 12)
Max Uplift 3=58(LC 12), 2=60(LC 12)
Max Grav 3=69(LC 1), 2=210(LC 1), 4=54(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 2-11-4 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MB-7473 rev. 10/03/2015 BEFORE USE.

Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSITP1 Quality Criteria, DSB-89 and BCS Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek

250 King Circle
Corona, CA 92380

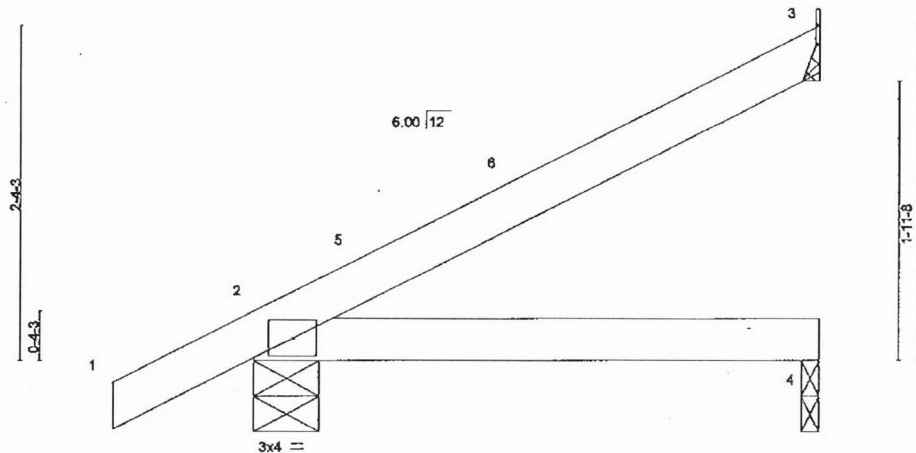
Job	Truss	Truss Type	Qty	Ply	
18-CP1883	J403	Monopitch	1	1	
K5159981					

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 Mitek Industries, Inc. Wed Sep 19 10:07:52 2018 Page 1
ID: Z/Cib4A0Ng6T7f0gOwaby7ub-W0VNche7oYE4oIAQ/POsJCqQWm4Rp62bHwLsMOyc5kr

-1-0-0 4-0-0
1-0-0 4-0-0

Scale = 1:14.6



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL 1.15	TC 0.18	Vert(LL) -0.01	2-4	>999	240	MT20	220/195
TCDL 7.0	Lumber DOL 1.15	BC 0.13	Vert(CT) -0.02	2-4	>999	180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) -0.00	3	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 13 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2

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

REACTIONS. (lb/size) 3=106/Mechanical, 2=247/10-5-8, 4=37/10-1-8
Max Horz 2=107(LC 12)
Max Uplift 3=-84(LC 12), 2=-64(LC 12)
Max Grav 3=106(LC 1), 2=247(LC 1), 4=74(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 3-11-4 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M5-7473 rev. 10/03/2015 BEFORE USE.

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

Mitek

250 King Circle
Corona, CA 92680

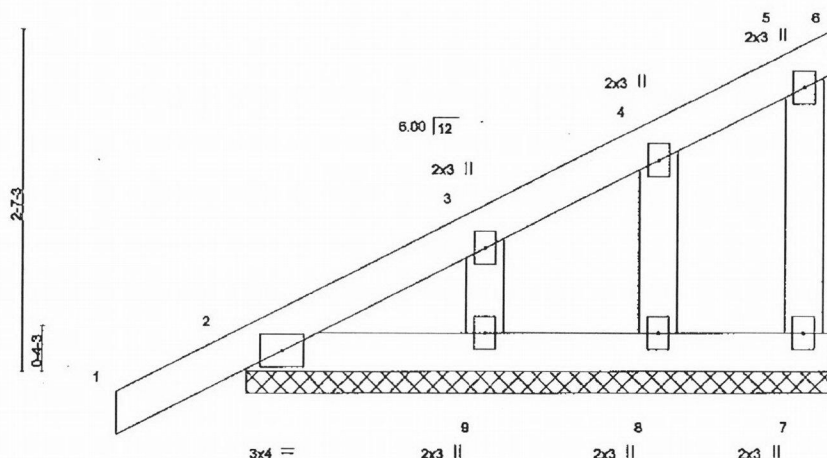
Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
18-CP1883	J501	Monopitch Supported Gable	1	1	K5159982

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:53 2018 Page 1
ID:ZICbI4A0Nq6T7R0g0wabyc7ub...C3lp1eLzSxMxQSlcG7v5rQN0G9RQYzBvW4Puyyc5kq

-1-0-0 1-0-0 4-6-0 4-6-0

Scale = 1:15.8



LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	Vdefl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.12	Vert(LL)	0.00	1	n/r	MT20	185/148
TCDL 7.0	Lumber DOL	1.15	BC 0.02	Vert(CT)	0.00	1	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.05	Horz(CT)	-0.00	6	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P					Weight: 19 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std
OTHERS 2x4 HF Std

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 4-6-0.
(lb) - Max Horz 2=111(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 6, 7, 2, 8, 9
Max Grav All reactions 250 lb or less at joint(s) 6, 7, 2, 8, 9

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cal. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 1-0-0 to 1-10-0, Exterior(2) 1-10-0 to 4-6-0 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
- 3) Gable requires continuous bottom chord bearing.
- 4) Gable studs spaced at 1-4-0 oc.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 7, 2, 8, 9.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE M0-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI Quality Criteria, DSB-49 and BCS1 Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
250 Klug Circle
Corona, CA 92880

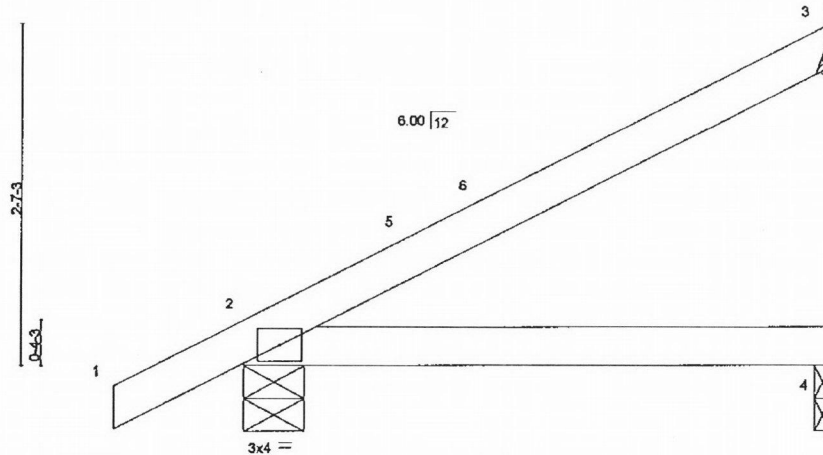
Job	Truss	Truss Type	Qty	Phy	
18-CP1883	J502	Monopitch	3	1	K5159983

Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.220 s May 24 2018 MiTek Industries, Inc. Wed Sep 19 10:07:54 2018 Page 1
ID: ZICb/4A0Nq3T7f0g0waby7ub-SOd71NfNKAUn1cXoqqQKQdv9wZIFH0XukEqyQHyc5kp



Scale = 1:16.8



LOADING (psf)	SPACING	2-0-0	CSI	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL	1.15	TC 0.25	Vert(LL)	-0.02	2-4	>999	240	MT20	220/195
TCDL 7.0	Lumber DOL	1.15	BC 0.17	Vert(CT)	-0.03	2-4	>999	180		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.00	Horz(CT)	-0.00	3	n/a	n/a		
BCDL 10.0	Code IRC2016/TPI2014		Matrix-P						Weight: 15 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 4-6-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 3=123/Mechanical, 2=267/0-5-8, 4=42/0-1-8
Max Horz 2=118(LC 12)
Max Uplift 3=96(LC 12), 2=66(LC 12)
Max Grav 3=123(LC 1), 2=267(LC 1), 4=84(LC 3)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 4-5-4 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3, 2.



EXPIRES: 12-31-2019
September 19, 2018

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MH-7473 rev. 10/03/2015 BEFORE USE.
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall building design. Bracing indicated is to prevent buckling of individual truss web and/or chord members only. Additional temporary and permanent bracing is always required for stability and to prevent collapse with possible personal injury and property damage. For general guidance regarding the fabrication, storage, delivery, erection and bracing of trusses and truss systems, see ANSI/TPI Quality Criteria, DSB-89 and BCS1 Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

MiTek
250 Klug Circle
Corona, CA 92880