



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 Eric Rystadt

Address 5331 SW Macadam Ave

City Portland State OR Zip Code 97239

Phone 5034227707 E-mail eric@msdpdx.com

Value of deferred submittal _____ Issued main building permit # 17-254023/26/28/29-R5

Job site address 5769/63/57/53 SW Clay Ct

Description/Scope of work Truss design

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

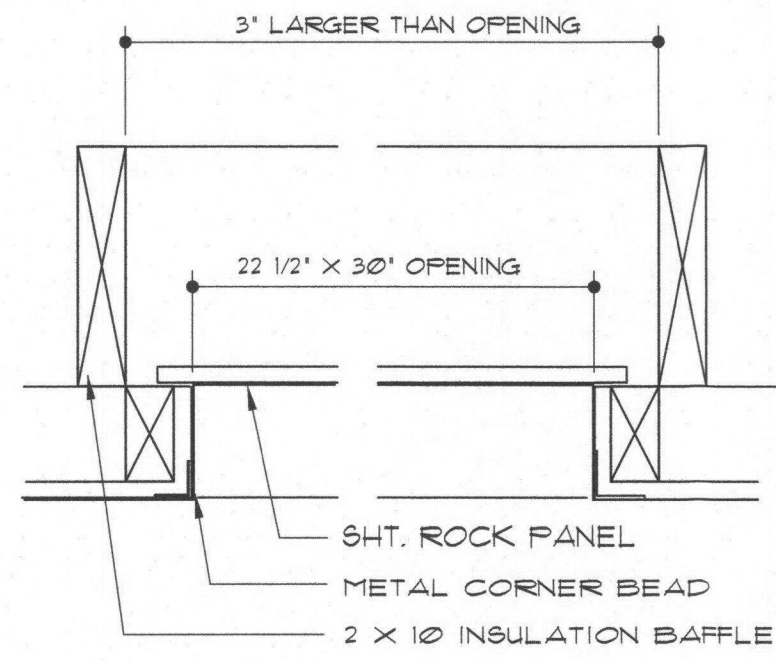
Submit your plans to:
Development Services Center (DSC), First Floor,
For Hours Call 503-823-7310 | Select option 1

Important Telephone Numbers

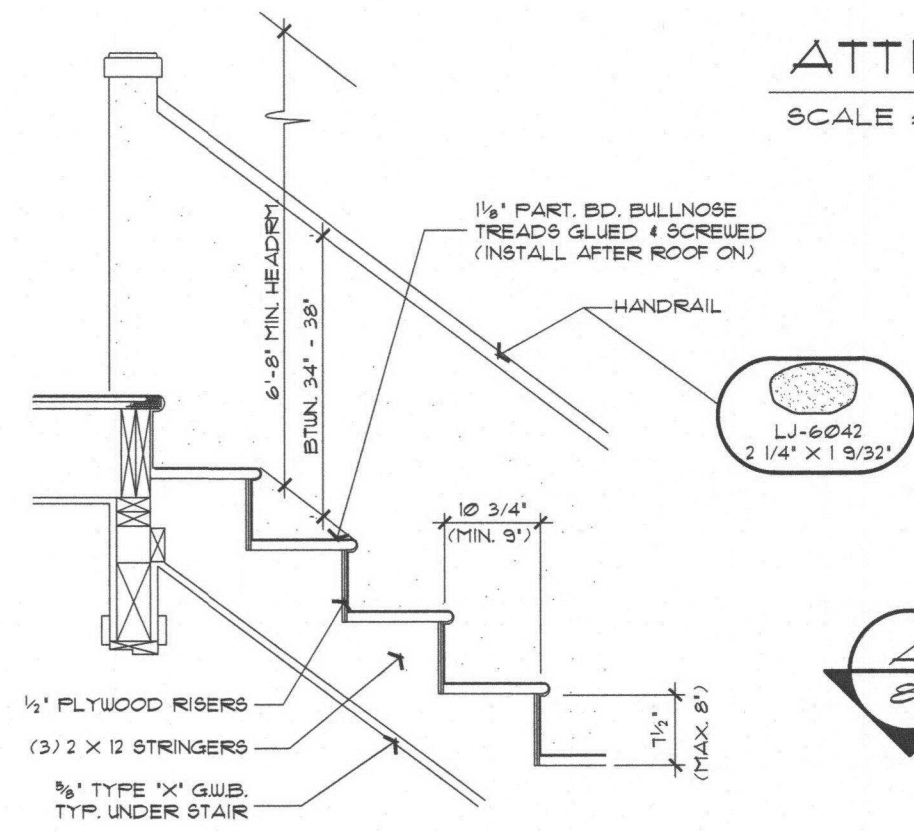
BDS main number 503-823-7300
DSC automated information line 503-823-7310
Building code information 503-823-1456
BDS 24 hour inspection request line 503-823-7000
Residential information for
one and two family dwellings 503-823-7388
City of Portland TTY 503-823-6868

DEFERRED SUBMITTAL REQUIREMENTS AND APPLICATION

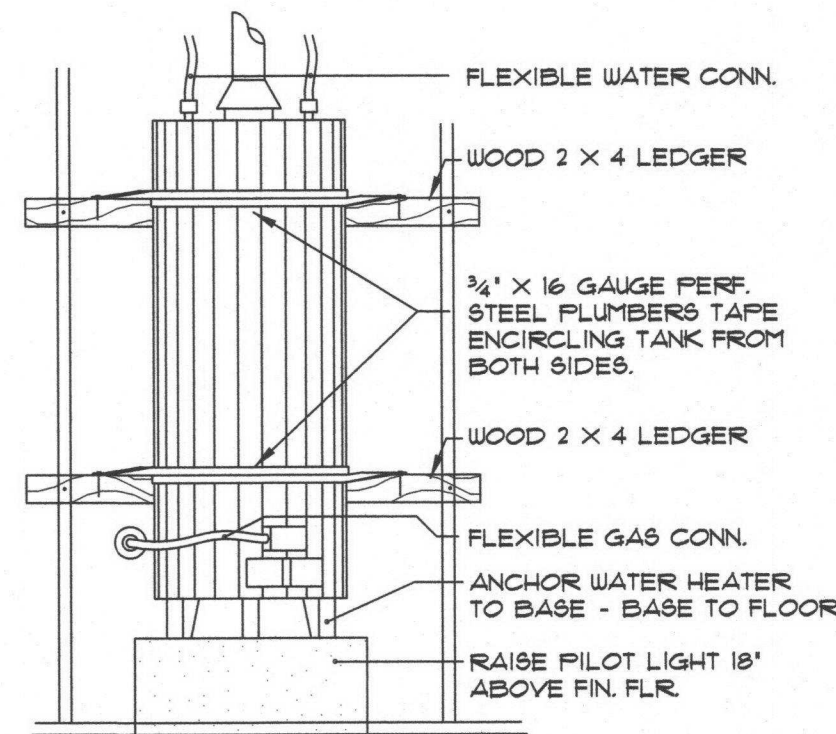
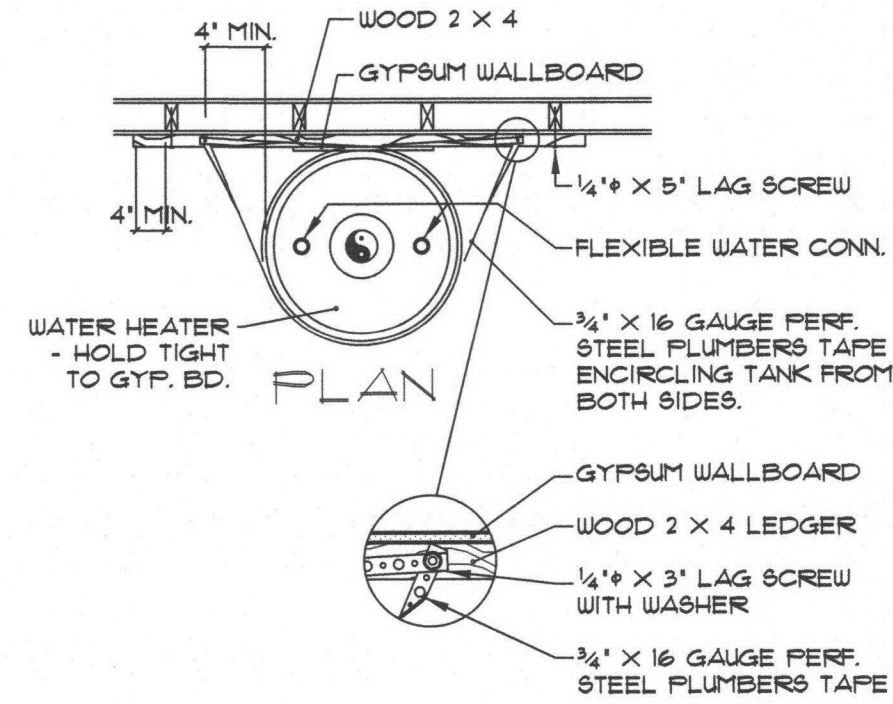
Information is subject to change.



ATTIC ACCESS HATCH
SCALE: 1 1/2" = 1'-0"



STAIR SECTION
3/4" = 1'-0"



W.H. SUPPORT
N.T.S.

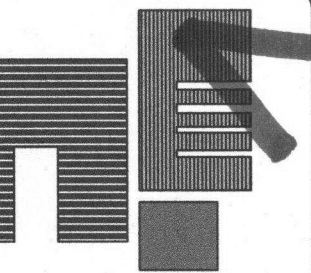
ROOFING

- Ventilation required.** Enclosed attics and enclosed rafter spaces formed where ceiling is applied to the underside of roof rafters shall have cross ventilation for each separate space by ventilated openings protected against the entrance of rain or snow. Ventilation openings shall be provided with corrosion-resistant wire mesh, with 1/8 inch minimum to 1/4 inch maximum openings. Section R806.4 (For unvented attic assemblies, see Section R806.4).
- Minimum area.** The total net free ventilating area shall be not less than 1/150 of the space ventilated. The area may be reduced to 1/300 if at least 50 percent but not more than 80 percent of the openings are in the upper part of the ventilated space and at least 3 feet above the eave or cornice vents or when a vapor barrier not exceeding 1 perm transmission rate is installed on the warm-in-winter side of the ceiling. Section R806.2.
- Fasteners for roof covering** shall be in accordance with Chapter 9 of the Oregon Residential Specialty Code, based on type of material used. In all cases, fasteners shall be long enough to penetrate into roof sheathing 3/4 inches or through the thickness of sheathing, whichever is less. Sections R905.2.6 and R905.3.6.
- Flashing** shall be installed at junctions of chimneys and roofs, in roof valleys and around all roof openings. See Chapter 9 of the Oregon Residential Specialty Code for specific requirements.
- Roof covering application.** Roof coverings shall be applied in accordance with the applicable provisions of this section and the manufacturer's installation instructions. Section R905.1 (A copy of code requirements for the kind of roofing material used shall be available on request.)

ROOF PLAN GENERAL NOTES:

- 1) ROOF SLOPE TO BE 1/4" PER FT.
- 2) MANUFACTURER TO PROVIDE TRUSS LAYOUT AND ALL HANGERS, CLIPS, ETC.
- 3) VERIFIED PLAN FOR OVERHANG AND RAKE
- 4) PROVIDE (1) 1000 ATTIC SQ FT / 150 = 1 VENTS PER UNIT

Roof Plan
SCALE: 1/4" = 1'-0"



SamedyKem
designer - consultant
custom design - stock plans - remodels

P.O. Box 1571
Hillsboro, Oregon 97123
971.563.0532 fax: 888.311.5610
E-Mail: samedykem@kem-consultant.com

"Success is not measured by the position someone has reached in my life, but the obstacles he has overcome while trying to succeed"
- Brooker T. Washington

Written dimensions on these drawing shall have precedence over scaled dimensions. Contractor shall assume responsibility for all dimensions and conditions on the job. SamedyKem, Designer must be notified and consent to any variation from dimensions set forth herein.

This document is the property of SamedyKem, Designer. No reuse to reproduction is allowed without the written consent from SamedyKem.

**MAIN STREET
DEVELOPMENT**
DREAM • DESIGN • BUILD

278 garage sq ft

2/18/2017

Date:

sk-2053-3

Project Number

1/16/2019

Revision:

Sheet Title:

Revision:

Sheet Title:

Revision:

Sheet Title:

Revision:

Sheet Title:

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Sheet Title:

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Sheet Title:

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Revision:

Lot 4
917 lower floor sq ft
591 main floor sq ft
925 upper floor sq ft
2433 total sq ft
Lot 5
1043 lower floor sq ft
713 main floor sq ft
1084 upper floor sq ft
2820 total sq ft
Lot 6
1023 lower floor sq ft
713 main floor sq ft
1033 upper floor sq ft
2772 total sq ft
Lot 7
978 lower floor sq ft
555 main floor sq ft
973 upper floor sq ft
2613 total sq ft



6
8
Sheet Number of

17-254023/26/28/29 DFS 01 RS



MiTek USA, Inc.

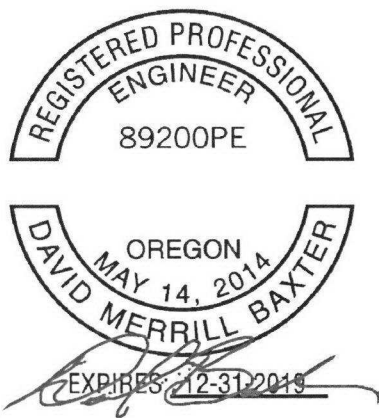
250 Klug Circle
Corona, CA 92880
951-245-9525

Re: 19-OT0360
4-Plex SW 58TH

The truss drawing(s) referenced below have been prepared by MiTek USA, Inc. under my direct supervision based on the parameters provided by Precision Roof Trusses, Inc.

Pages or sheets covered by this seal: K5735049 thru K5735104

My license renewal date for the state of Oregon is December 31, 2019.



February 15, 2019

Baxter, David

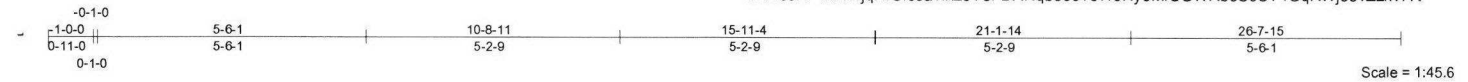
IMPORTANT NOTE: Truss Engineer's responsibility is solely for design of individual trusses based upon design parameters shown on referenced truss drawings. Parameters have not been verified as appropriate for any use. Any location identification specified is for file reference only and has not been used in preparing design. Suitability of truss designs for any particular building is the responsibility of the building designer, not the Truss Engineer, per ANSI/TPI-1, Chapter 2.

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735049
19-OT0360	A01	GABLE	1	1		

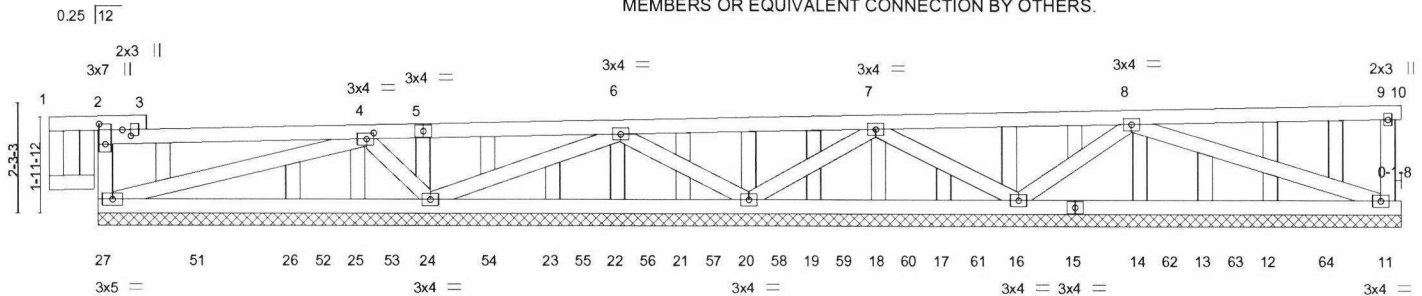
PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

Job Reference (optional)

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:47:14 2019 Page 1
ID:D0JFF4nFh1jqNrCl5JavfxzoYef-DANqb869?o7r9Hy6MfCGWRbeScCT4GqRWj58vZzkv7R



MT*1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.



6-9-12	13-3-15	18-10-3	26-7-15
6-9-12	6-6-4	5-6-4	7-9-12

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

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.56	in (loc) l/defl L/d	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.32	Vert(LL) 0.00 1 n/r 120		
TCDL 12.0	Lumber DOL 1.15	WB 0.14	Vert(CT) 0.01 1 n/r 90		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.01 11 n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014			Weight: 138 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
1-33,33-34: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 26-7-15.
(lb) - Max Horz 27=60(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 27, 13, 17, 18, 19, 21, 22 except 11=172(LC 12), 24=135(LC 12), 20=134(LC 12), 16=145(LC 12), 25=118(LC 25), 10=315(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 10 except 27=385(LC 40), 11=610(LC 1), 24=556(LC 1), 20=483(LC 1), 16=564(LC 1), 12=292(LC 54), 13=265(LC 53), 14=294(LC 52), 17=273(LC 50), 18=278(LC 49), 19=276(LC 48), 21=278(LC 46), 22=270(LC 45), 23=293(LC 44), 25=253(LC 42), 26=318(LC 41)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-27=281/105, 9-11=523/197
WEBS 4-24=495/177, 6-24=340/122, 6-20=466/163, 7-20=375/128, 7-16=346/121, 8-16=545/186

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 26-7-15 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 27, 13, 17, 18, 19, 21, 22 except (jt=lb) 11=172, 24=135, 20=134, 16=145, 25=118, 10=315.
- 12) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



EXPIRES: 12-31-2019
February 15, 2019

Continued on page 2

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK 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 **ANSI/TPI 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	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735049
19-OT0360	A01	GABLE	1	1	Job Reference (optional)	

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:47:14 2019 Page 2
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NOTES-

- 13) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 14) No notches allowed in overhang and 10000 from left end and 0 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.

LOAD CASE(S)

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-74, 2-9=-74, 9-10=-74, 11-27=-20
- 2) Dead + 0.75 Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-62, 2-9=-61, 9-10=-62, 11-27=-20
- 3) Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-40
- 4) Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=13, 2-9=25, 9-10=25, 11-27=12
Horz: 2-27=15, 1-2=21, 2-3=34, 3-9=-34, 9-10=-34, 9-11=29
- 5) Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=21, 2-9=25, 9-10=25, 11-27=-12
Horz: 2-27=-29, 1-2=29, 2-3=34, 3-9=-34, 9-10=-34, 9-11=-15
- 6) Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-19, 2-9=-34, 9-10=-34, 11-27=-20
Horz: 2-27=-19, 1-2=5, 2-3=-10, 3-9=10, 9-10=10, 9-11=-25
- 7) Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-29, 2-9=-34, 9-10=-34, 11-27=-20
Horz: 2-27=25, 1-2=-5, 2-3=-10, 3-9=10, 9-10=10, 9-11=19
- 8) Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=35, 2-9=25, 9-10=25, 11-27=12
Horz: 2-27=13, 1-2=44, 2-3=33, 3-9=-33, 9-10=-33, 9-11=17
- 9) Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=6, 2-9=10, 9-10=10, 11-27=-12
Horz: 2-27=-17, 1-2=14, 2-3=19, 3-9=-19, 9-10=-19, 9-11=-13
- 10) Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=4, 2-9=-1, 9-10=-1, 11-27=-20
Horz: 2-27=23, 1-2=28, 2-3=23, 3-9=-23, 9-10=-23, 9-11=8
- 11) Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-9=-15, 9-10=-15, 11-27=-20
Horz: 2-27=-8, 1-2=14, 2-3=9, 3-9=-9, 9-10=-9, 9-11=-23
- 12) Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=20, 2-9=25, 9-10=25, 11-27=-12
Horz: 2-27=11, 1-2=28, 2-3=33, 3-9=-33, 9-10=-33, 9-11=16
- 13) Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=6, 2-9=10, 9-10=10, 11-27=-12
Horz: 2-27=-16, 1-2=14, 2-3=19, 3-9=-19, 9-10=-19, 9-11=-11
- 14) Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=10, 2-9=15, 9-10=15, 11-27=-12
Horz: 2-27=6, 1-2=18, 2-3=23, 3-9=-23, 9-10=-23, 9-11=12
- 15) Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=1, 2-9=6, 9-10=6, 11-27=-12
Horz: 2-27=-12, 1-2=10, 2-3=14, 3-9=-14, 9-10=-14, 9-11=-6
- 16) Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=4, 2-9=-1, 9-10=-1, 11-27=-20
Horz: 2-27=21, 1-2=28, 2-3=23, 3-9=-23, 9-10=-23, 9-11=7
- 17) Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-9=-15, 9-10=-15, 11-27=-20
Horz: 2-27=-7, 1-2=14, 2-3=9, 3-9=-9, 9-10=-9, 9-11=-21
- 18) Dead + Snow on Overhangs: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-124, 2-9=-24, 9-10=-24, 11-27=-20
- 19) Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20

Continued on page 3

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735049
19-OT0360	A01	GABLE	1	1	Job Reference (optional)	

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.240 s Dec 6 2018 Mitek Industries, Inc. Fri Feb 15 09:47:14 2019 Page 3
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LOAD CASE(S)

- 20) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-40, 2-9=-44, 9-10=-44, 11-27=-20
Horz: 2-27=17, 1-2=21, 2-3=18, 3-9=-18, 9-10=-18, 9-11=6
- 21) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-51, 2-9=-55, 9-10=-55, 11-27=-20
Horz: 2-27=-6, 1-2=10, 2-3=7, 3-9=-7, 9-10=-7, 9-11=-17
- 22) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-40, 2-9=-44, 9-10=-44, 11-27=-20
Horz: 2-27=16, 1-2=21, 2-3=18, 3-9=-18, 9-10=-18, 9-11=5
- 23) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-51, 2-9=-55, 9-10=-55, 11-27=-20
Horz: 2-27=-5, 1-2=10, 2-3=7, 3-9=-7, 9-10=-7, 9-11=-16
- 24) Dead + Minimum Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-64, 2-9=-64, 9-10=-64, 11-27=-20
- 25) 1st Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 51=-250
- 26) 2nd Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 52=-250
- 27) 3rd Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 53=-250
- 28) 4th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 54=-250
- 29) 5th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 55=-250
- 30) 6th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 56=-250
- 31) 7th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 57=-250
- 32) 8th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 58=-250
- 33) 9th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 59=-250
- 34) 10th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 60=-250
- 35) 11th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 61=-250
- 36) 12th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20

Continued on page 4

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

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735049
19-OT0360	A01	GABLE	1	1	Job Reference (optional)	

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:47:14 2019 Page 4
ID:D0JFF4nFh1jqNrC15JavfxzoYef-DANqb869?o7r9Hy6MfCGWRbeScCT4GqRWj58vZzkv7R

LOAD CASE(S)

- Concentrated Loads (lb)
Vert: 15=-250
- 37) 13th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 62=-250
- 38) 14th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 63=-250
- 39) 15th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 64=-250
- 40) 16th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 27=-250
- 41) 17th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 26=-250
- 42) 18th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 25=-250
- 43) 19th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 24=-250
- 44) 20th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 23=-250
- 45) 21st Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 22=-250
- 46) 22nd Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 21=-250
- 47) 23rd Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 20=-250
- 48) 24th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 19=-250
- 49) 25th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 18=-250
- 50) 26th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 17=-250
- 51) 27th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 16=-250

Continued on page 5

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

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735049
19-OT0360	A01	GABLE	1	1	Job Reference (optional)	

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:47:14 2019 Page 5
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LOAD CASE(S)

- 52) 28th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 14=-250
- 53) 29th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 13=-250
- 54) 30th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 12=-250
- 55) 31st Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 11=-250



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

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Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



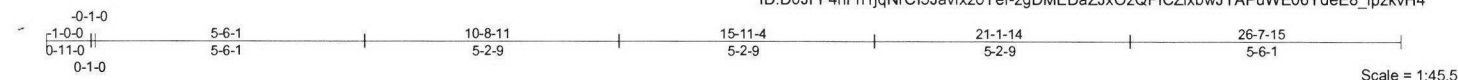
250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss A02	Truss Type Jack-Closed	Qty 1	Ply 1	4-Plex SW 58TH	K5735050
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

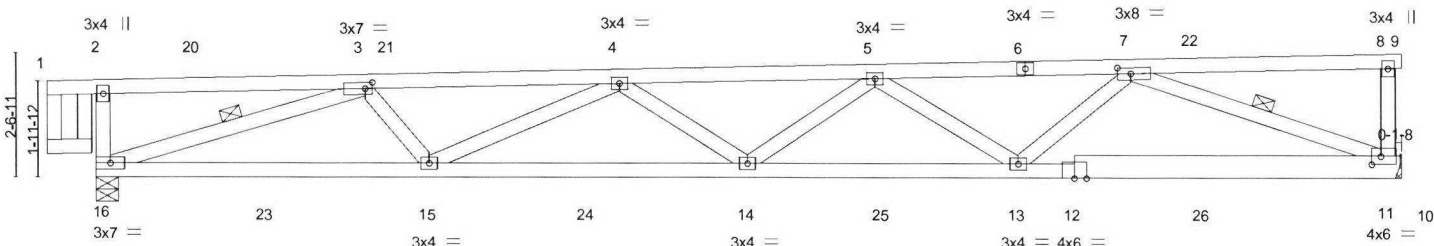
8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:36:57 2019 Page 1

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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 [12]



		6-9-12		13-3-15		18-10-3		26-7-15	
		6-9-12		6-6-4		5-6-4		7-9-12	
Plate Offsets (X,Y)-- [3:0-1-12,0-1-8], [7:0-3-4,0-1-8], [11:0-2-4,0-2-0]									
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 0.67		Vert(LL) -0.27 14 >999 240		MT20 185/148	
(Roof Snow=25.0)		Lumber DOL 1.15		BC 0.83		Vert(CT) -0.52 14-15 >605 180			
TCDL 12.0		Rep Stress Incr YES		WB 0.62		Horz(CT) 0.10 11 n/a n/a			
BCLL 0.0 *		Code IRC2015/TPI2014		Matrix-S				Weight: 121 lb FT = 0%	
BCDL 10.0									

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.1&Btr *Except*
10-12: 2x6 DF No.2
WEBS 2x4 HF Std *Except*
1-17,17-18: 2x4 DF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 2-8-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-1-3 oc bracing.
WEBS 1 Row at midpt 3-16, 7-11

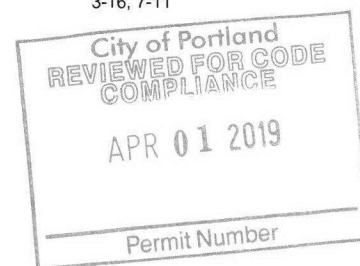
REACTIONS. (lb/size) 16=1320/0-5-8, 11=1257/Mechanical
Max Horz 16=70(LC 9)
Max Uplift 16=-207(LC 8), 11=-165(LC 8)

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

TOP CHORD 2-16=-294/105, 3-4=-3284/394, 4-5=-4026/510, 5-7=-3104/394
BOT CHORD 15-16=-373/2916, 14-15=-541/4052, 13-14=-508/3831, 11-13=-346/2457
WEBS 3-16=-2962/418, 3-15=0/624, 4-15=-862/192, 5-14=0/391, 5-13=-893/179, 7-13=-21/881, 7-11=-2544/384

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 26-7-15 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=207, 11=165.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15,2019

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

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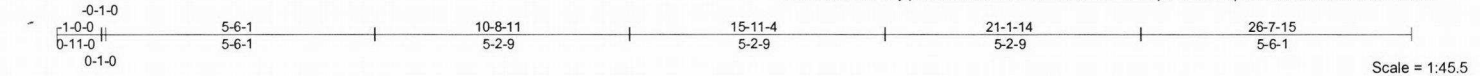


250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735051
19-OT0360	A03	Jack-Closed	8	1		

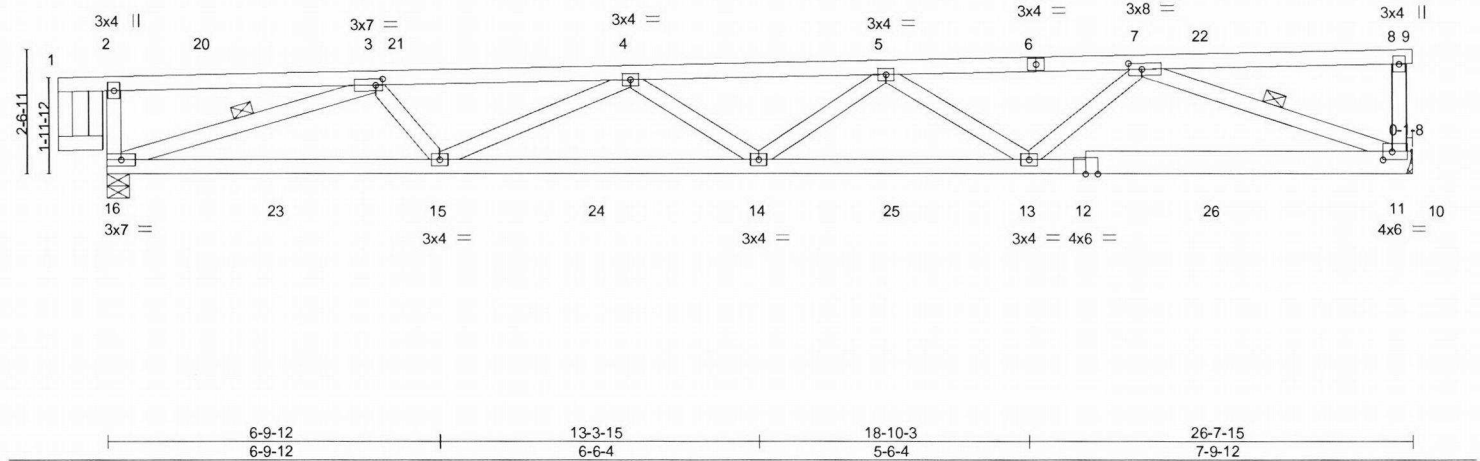
Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:36:58 2019 Page 1
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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 [12



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL	25.0	Plate Grip DOL	1.15	TC	0.67	Vert(LL)	-0.27 14 >999	MT20	185/148		
(Roof Snow=25.0)		Lumber DOL	1.15	BC	0.83	Vert(CT)	-0.52 14-15 >605				
TCDL	12.0	Rep Stress Incr	YES	WB	0.62	Horz(CT)	0.10 11 n/a				
BCLL	0.0 *	Code IRC2015/TPI2014		Matrix-S							
BCDL	10.0										
								Weight: 121 lb FT = 0%			

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.1&Btr *Except*
10-12: 2x6 DF No.2
WEBS 2x4 HF Std *Except*
1-17,17-18: 2x4 DF No.2

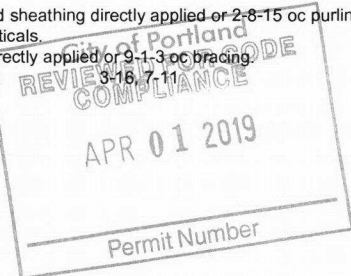
BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-8-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-1-3 oc bracing.
WEBS 1 Row at midpt

REACTIONS. (lb/size) 16=1320/0-5-8, 11=1257/Mechanical
Max Horz 16=70(LC 9)
Max Uplift 16=207(LC 8), 11=165(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-294/105, 3-4=-3284/394, 4-5=-4026/510, 5-7=-3104/394
BOT CHORD 15-16=-373/2916, 14-15=-541/4052, 13-14=-508/3831, 11-13=-346/2457
WEBS 3-16=-2962/418, 3-15=0/624, 4-15=-862/192, 5-14=0/391, 5-13=-893/179, 7-13=-21/881, 7-11=-2544/384

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 26-7-15 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=207, 11=165.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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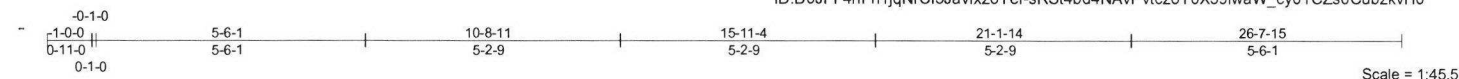


250 Klug Circle
Corona, CA 92880

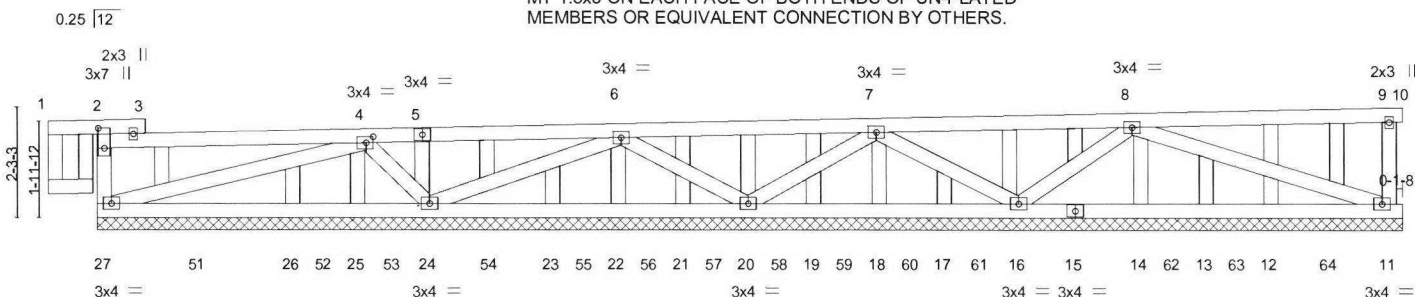
Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735052
19-OT0360	A04	GABLE	1	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:01 2019 Page 1
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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.



		6-9-12		13-3-15		18-10-3		26-7-15	
		6-9-12		6-6-4		5-6-4		7-9-12	
Plate Offsets (X,Y)-- [2:0-5-0,0-1-8], [4:0-1-12,0-1-8]									
LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES	
TCLL	25.0	2-0-0				in (loc)		GRIP	
(Roof Snow=25.0)		Plate Grip DOL 1.15		TC 0.40		l/defl L/d		MT20 185/148	
TCDL	12.0	Lumber DOL 1.15		BC 0.35		Vert(LL) 0.00 1 n/r 120			
BCLL	0.0 *	Rep Stress Incr YES		WB 0.14		Vert(CT) 0.01 1 n/r 90			
BCDL	10.0	Code IRC2015/TPI2014		Matrix-S		Horz(CT) 0.01 11 n/a n/a			
								Weight: 138 lb FT = 0%	

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
1-33,33-34: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 26-7-15.
(lb) - Max Horz 27=60(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 27, 13, 17, 18, 19, 21, 22 except
11=-196(LC 12), 24=-136(LC 12), 20=-133(LC 8), 16=-144(LC 12), 25=-141(LC 25), 10=-385(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 25, 10 except 27=381(LC 40),
11=676(LC 1), 24=561(LC 1), 20=479(LC 1), 16=562(LC 1), 12=297(LC 54),
13=263(LC 53), 14=295(LC 52), 17=273(LC 50), 18=278(LC 49), 19=276(LC 48),
21=278(LC 46), 22=270(LC 45), 23=293(LC 44), 26=336(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-27=-274/104, 9-11=-592/214
WEBS 4-24=-497/180, 6-24=-345/123, 6-20=-459/161, 7-20=-373/128, 7-16=-348/121,
8-16=-540/184

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 26-7-15 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 27, 13, 17, 18, 21, 22 except (it=lb) 11=196, 24=136, 20=133, 16=144, 25=141, 10=385.



EXPIRES: 12-31-2019
February 15, 2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880


Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735052
19-OT0360	A04	GABLE	1	1	Job Reference (optional)	

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:01 2019 Page 2
ID:D0JFF4nFh1jqNrCi5JavfxzoYef-sRSt4bd4NAvPvtczoY0X59iwaW_cy01CZs6Cubzkh0

NOTES-

- 12) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 13) No notches allowed in overhang and 10000 from left end and 0 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.

 **WARNING** - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

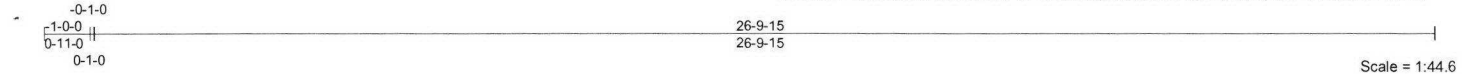


250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735053
19-OT0360	A05	GABLE	2	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:04 2019 Page 1
ID:D0JFF4nFh1jqNrCI5JavfzoYef-G08?icfyg5H_mKKYtgZEjoKVsj4I9PdeFqKsUvzvGz



MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12

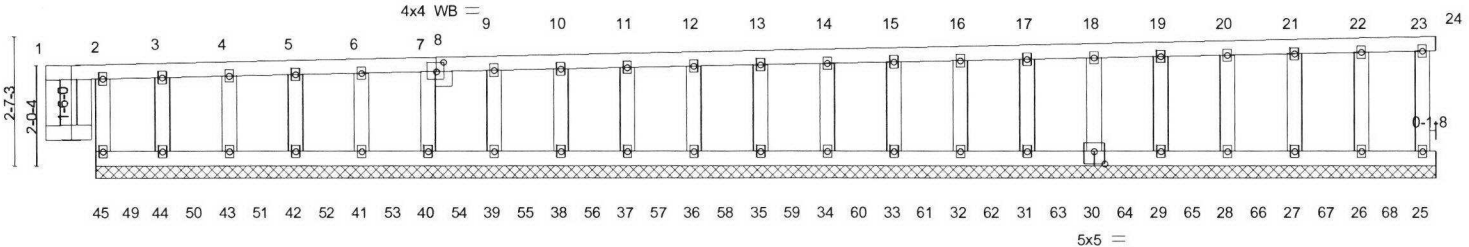


Plate Offsets (X,Y)--		[7:0-1-12,0-0-0], [8:0-1-12,0-2-4], [8:0-0-0,0-1-12], [30:0-2-8,0-3-0]		26-9-15		26-9-15	
LOADING (psf)		SPACING-	2-0-0	CSL		DEFL.	in (loc) l/defl L/d
TCLL 25.0		Plate Grip DOL	1.15	TC 0.14		Vert(LL) 0.00	1 n/r 120
(Roof Snow=25.0)		Lumber DOL	1.15	BC 0.10		Vert(CT) -0.00	1 n/r 90
TCDL 12.0		Rep Stress Incr	YES	WB 0.02		Horz(CT) -0.01	24 n/a n/a
BCLL 0.0 *		Code IRC2015/TPI2014		Matrix-R			
BCDL 10.0							
						PLATES	GRIP
						MT20	185/148
						Weight: 120 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
1-46: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 26-9-15.
(lb) - Max Horz 45=72(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 45, 24, 25, 44, 43, 42, 41, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26
Max Grav All reactions 250 lb or less at joint(s) 24 except 45=313(LC 45), 25=276(LC 65), 44=294(LC 46), 43=311(LC 47), 42=308(LC 48), 41=309(LC 49), 40=309(LC 50), 39=309(LC 51), 38=309(LC 52), 37=309(LC 53), 36=309(LC 54), 35=309(LC 55), 34=309(LC 56), 33=309(LC 57), 32=309(LC 58), 31=309(LC 59), 30=309(LC 60), 29=309(LC 61), 28=309(LC 62), 27=308(LC 63), 26=313(LC 64)

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 B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 26-9-15 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All plates are 2x3 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 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.
- 12) Bearing at joint(s) 24 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 45, 24, 25, 44, 43, 42, 41, 40, 39, 38, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26.

Continued on page 2



EXPIRES: 12-31-2019
February 15, 2019

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

Design valid for use only with MITTEK 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 BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735053
19-OT0360	A05	GABLE	2	1	Job Reference (optional)	

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:05 2019 Page 2
ID:D0JFF4nFh1qNrCI5JavfxoYef-kDINvygaQOPrNUvI1O4TF?ffc7QXustoUU4P1MzkvGy

NOTES-

- 14) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



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

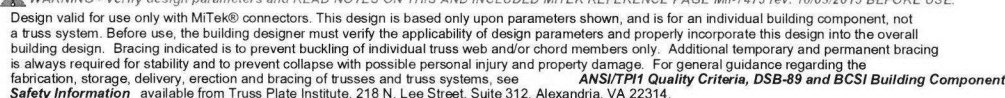
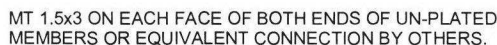
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall 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

Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314. **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component**



250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:05 2019 Page 1
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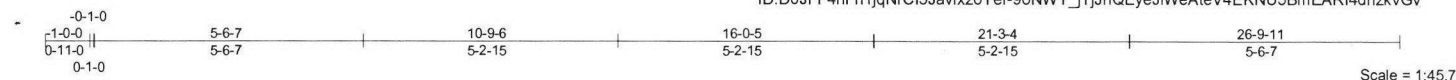


Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735055
19-OT0360	A08	GABLE	1	1		

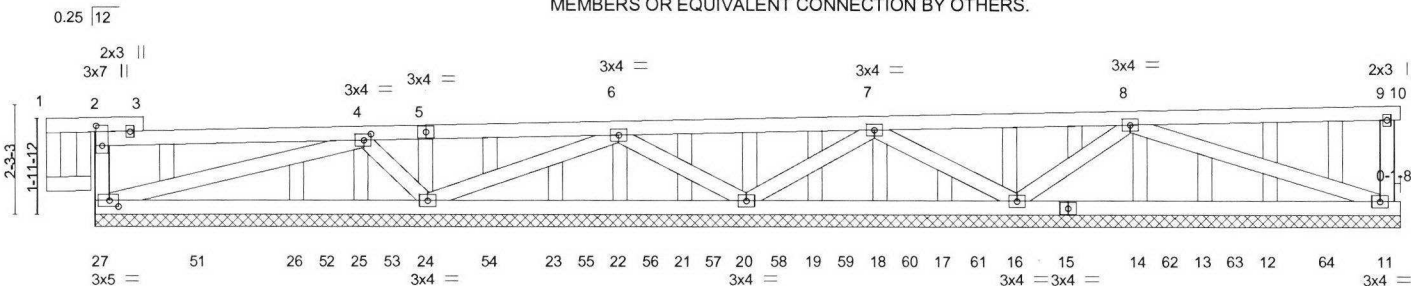
Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:08 2019 Page 1

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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.



6-10-3		13-4-14		18-11-8		26-9-11			
6-10-3		6-6-11		5-6-11		7-10-3			
Plate Offsets (X,Y)-- [2:0-5-0,0-1-8], [4:0-1-12,0-1-8], [27:0-2-4,0-1-8]									
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 0.57		Vert(LL) 0.00 1 n/r 120		MT20 185/148	
(Roof Snow=25.0)		Lumber DOL 1.15		BC 0.34		Vert(CT) 0.01 1 n/r 90			
TCDL 12.0		Rep Stress Incr YES		WB 0.14		Horz(CT) 0.01 11 n/a n/a			
BCLL 0.0 *		Code IRC2015/TPI2014		Matrix-R					
BCDL 10.0								Weight: 138 lb FT = 0%	

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
33-34: 2x4 DF No.2
OTHERS 2x4 HF Std

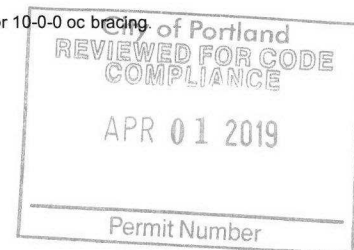
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. All bearings 26-9-11.
(lb) - Max Horz 27=60(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 27, 13, 17, 18, 19, 21, 22 except
11=-174(LC 12), 24=-134(LC 12), 20=-135(LC 12), 16=-145(LC 12), 25=-132(LC 25), 10=-320(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 25, 10 except 27=386(LC 40),
11=615(LC 1), 24=561(LC 1), 20=486(LC 1), 16=568(LC 1), 12=292(LC 54),
13=265(LC 53), 14=295(LC 52), 17=273(LC 50), 18=278(LC 49), 19=278(LC 48),
21=278(LC 46), 22=269(LC 45), 23=295(LC 44), 26=322(LC 41)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-27=-282/106, 9-11=-528/199
WEBS 4-24=-499/179, 6-24=-343/123, 6-20=-471/164, 7-20=-379/130, 7-16=-349/122,
8-16=-549/187

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 26-9-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 27, 13, 17, 18, 19, 21, 22 except (it=lb) 11=-174, 24=134, 20=135, 16=145, 25=132, 10=320.



EXPIRES: 12-31-2019
February 15, 2019

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

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MiTek
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735055
49-OT0360	A08	GABLE	1	1	Job Reference (optional)	

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:08 2019 Page 2
ID:D0JFF4nFh1jqNrCI5JavfxzoYef-9oNWY_JTjJnQEYeJiWeAteV4EKNU5BmEARl4dhzvGv

NOTES-

- 12) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 13) No notches allowed in overhang and 10000 from left end and 0 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.



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

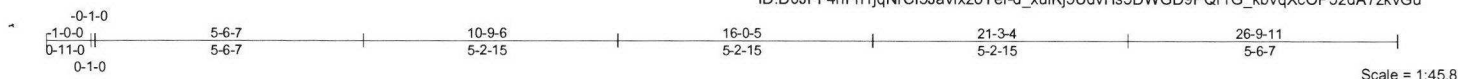
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall 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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

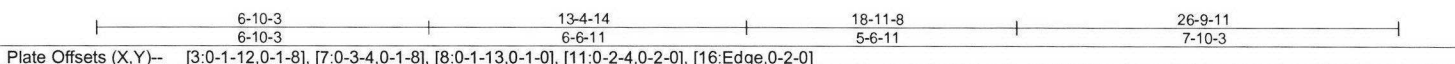
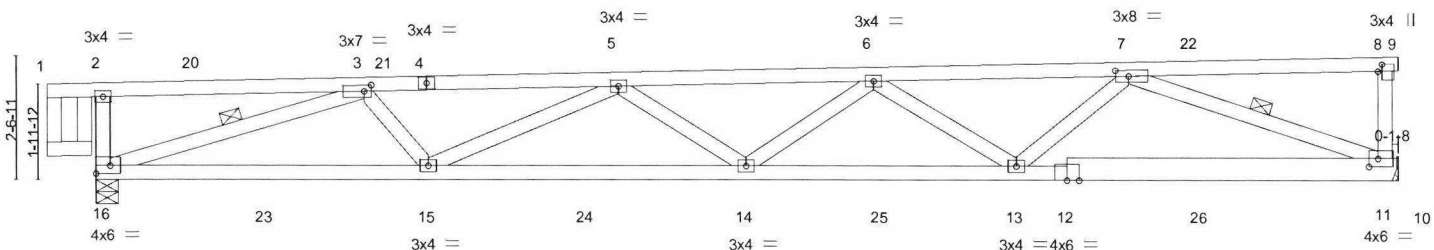
8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:09 2019 Page 1

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:09 2019 Page 1
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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12

[illegible]

LUMBER-

TOP CHORD	2x4 DF No.2
BOT CHORD	2x4 DF No.1&Btr *Except*
	10-12: 2x6 DF No.2
WEBS	2x4 HF Std *Except*
	2-16.8-11.17-18: 2x4 DF No.2

REACTIONS.

(lb/size) 16=1327/0-5-8, 11=1264/Mechanical
Max Horz 16=70(LC 9)
Max Uplift 16=-208(LC 8), 11=-166(LC 8)

FORCES.

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

TOP CHORD	2-16=-308/107, 3-5=-3305/400, 5-6=-4073/515, 6-7=-3127/398
BOT CHORD	15-16=-376/2940, 14-15=-547/4094, 13-14=-514/3871, 11-13=-348/2480
WEBS	3-16=-2916/422, 3-15=0/618, 5-15=-884/193, 6-14=0/397, 6-13=-913/181, 7-13=-24/879, 7-11=-2511/383

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCdL=4.2psf; BCdL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 26-9-11 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) TCdL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=208, 11=166.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 2-8-13 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 9-0-9 oc bracing.
WEBS	1 Row at midpt 3-16, 7-11



EXPIRES: 12-31-2019
February 15, 2019



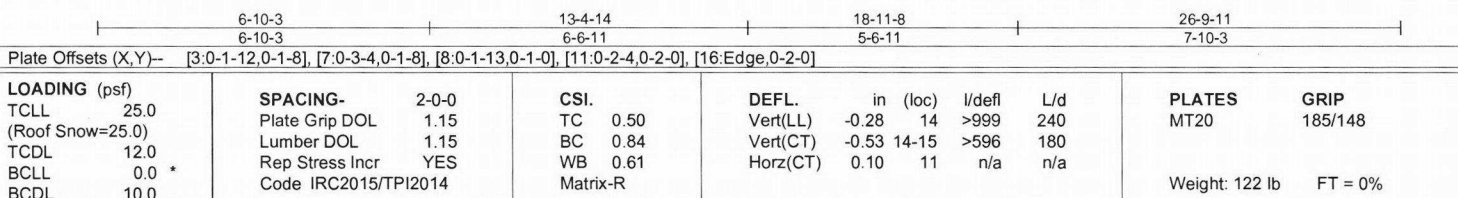
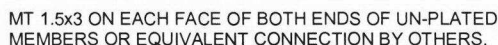
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE

WARNING: Verify design parameters and READ NOTES on this and INCLUDED INTER REFERENCE PAGE IM14743161, 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/TPI1 Quality Criteria, DSB-89 and BCS1 Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:10 2019 Page 1
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LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.1&Btr *Except*
10-12: 2x6 DF No.2
WEBS 2x4 HF Std *Except*
2-16 8-11 17-18: 2x4 DF No.2

REACTIONS. (lb/size) 16=1327/0-5-8, 11=1264/Mechanical
Max Horz 16=70(LC 9)
Max Uplift 16=-208(LC 8). 11=-166(LC 8)

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

TOP CHORD	2-16=-308/107, 3-5=-3305/400, 5-6=-4073/515, 6-7=-3127/398
BOT CHORD	15-16=-376/2940, 14-15=-547/4094, 13-14=-514/3871, 11-13=-348/2480
WEBS	3-16=-2916/422, 3-15=0/618, 5-15=-884/193, 6-14=0/397, 6-13=-913/181, 7-13=-24/879, 7-11=-2511/383

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 26-9-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 16=208, 11=166.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.

BRACING- TOP CHORD	Structural wood sheathing directly applied or 2-8-13 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 9-0-9 oc bracing.
WEBS	1 Row at midpt 3-16, 7-11



EXPIRES: 12-31-2019
February 15, 2019

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

Design valid for use only with MiTek® connectors. This design is based on this and included **WATER REFERENCE PAGE MW470** for 10032619 before use. 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-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

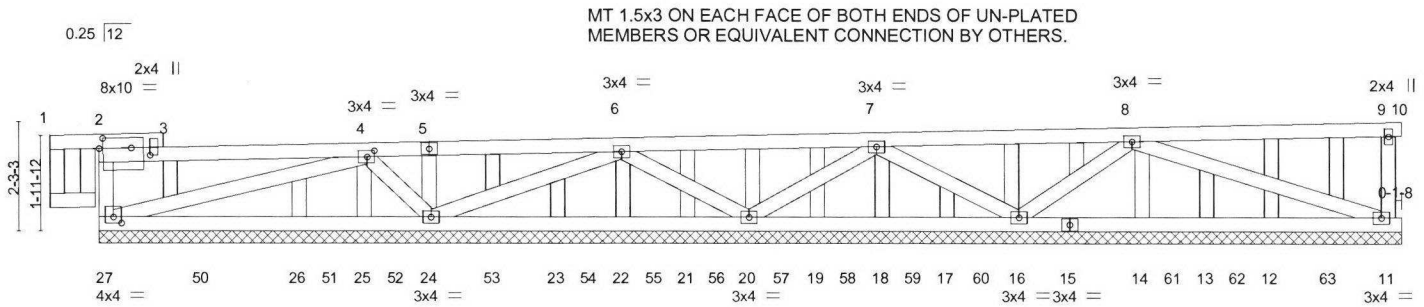
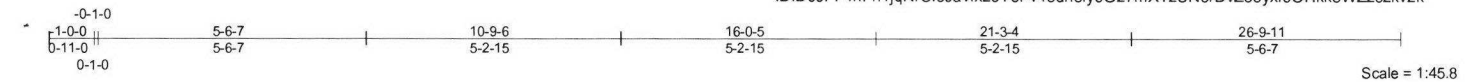


250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss A11	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH	K5735058
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PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:52:15 2019 Page 1
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		6-10-3		13-4-14		18-11-8		26-9-11	
		6-10-3		6-6-11		5-6-11		7-10-3	
Plate Offsets (X,Y)-- [2:0-1-0,0-2-8], [2:0-1-14,0-4-11], [4:0-1-12,0-1-8], [27:0-2-0,0-1-8]									
LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES	
TCLL 25.0		2-0-0				in (loc) l/defl L/d		GRIP	
(Roof Snow=25.0)		Plate Grip DOL 1.15		TC 0.45		Vert(LL) 0.00 1 n/r 120		MT20 185/148	
TCDL 12.0		Lumber DOL 1.15		BC 0.34		Vert(CT) 0.00 1 n/r 90			
BCLL 0.0 *		Rep Stress Incr YES		WB 0.14		Horz(CT) 0.01 11 n/a n/a			
BCDL 10.0		Code IRC2015/TPI2014		Matrix-R				Weight: 138 lb FT = 0%	

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
33-34: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 26-9-11.
(lb) - Max Horz 27=60(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 27, 13, 17, 18, 19, 21, 22 except 11=-174(LC 12), 24=-136(LC 12), 20=-134(LC 12), 16=-145(LC 12), 25=-133(LC 25), 10=-320(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 25, 10 except 27=385(LC 40), 11=615(LC 1), 24=565(LC 1), 20=484(LC 1), 16=568(LC 1), 12=292(LC 54), 13=265(LC 53), 14=295(LC 52), 17=273(LC 50), 18=278(LC 49), 19=278(LC 48), 21=278(LC 46), 22=269(LC 45), 23=295(LC 44), 26=324(LC 41)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-27=-276/104, 9-11=-529/199
WEBS 4-24=-502/180, 6-24=-347/124, 6-20=-465/162, 7-20=-379/130, 7-16=-349/122, 8-16=-549/187

NOTES-

- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 26-9-11 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.
- TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- 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.
- Bearing at joint(s) 10 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 27, 13, 17, 18, 19, 21, 22 except (jt=lb) 11=174, 24=136, 20=134, 16=145, 25=133, 10=320.
- This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Continued on page 2

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITTEK REFERENCE PAGE MIT-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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



EXPIRES: 12-31-2019
February 15, 2019

MiTek
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735058
19-OT0360	A11	GABLE	1	1		

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:52:15 2019 Page 2
ID:DJFF4nFh1jqNrcISJavxzoYef-v43dn3ly6G27mXTzUN5rDvZ55yxf6OHkk3WZczkv2k

NOTES-

- 13) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 14) No notches allowed in overhang and 10000 from left end and 0 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.

LOAD CASE(S)

- Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-74, 2-9=-74, 9-10=-74, 11-27=-20
- Dead + 0.75 Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-62, 2-9=-61, 9-10=-62, 11-27=-20
- Dead + Uninhabitable Attic Without Storage: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-40
- Dead + 0.6 C-C Wind (Pos. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=13, 2-9=25, 9-10=25, 11-27=-12
Horz: 2-27=15, 1-2=21, 2-3=34, 3-9=-34, 9-10=-34, 9-11=29
- Dead + 0.6 C-C Wind (Pos. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=21, 2-9=25, 9-10=25, 11-27=-12
Horz: 2-27=-29, 1-2=29, 2-3=34, 3-9=-34, 9-10=-34, 9-11=-15
- Dead + 0.6 C-C Wind (Neg. Internal) Case 1: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-19, 2-9=-34, 9-10=-34, 11-27=-20
Horz: 2-27=-19, 1-2=5, 2-3=-10, 3-9=10, 9-10=10, 9-11=-25
- Dead + 0.6 C-C Wind (Neg. Internal) Case 2: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-29, 2-9=-34, 9-10=-34, 11-27=-20
Horz: 2-27=25, 1-2=-5, 2-3=-10, 3-9=10, 9-10=10, 9-11=19
- Dead + 0.6 MWFRS Wind (Pos. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=35, 2-9=25, 9-10=25, 11-27=-12
Horz: 2-27=13, 1-2=44, 2-3=33, 3-9=-33, 9-10=-33, 9-11=17
- Dead + 0.6 MWFRS Wind (Pos. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=6, 2-9=10, 9-10=10, 11-27=-12
Horz: 2-27=-17, 1-2=14, 2-3=19, 3-9=-19, 9-10=-19, 9-11=-13
- Dead + 0.6 MWFRS Wind (Neg. Internal) Left: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=4, 2-9=-1, 9-10=-1, 11-27=-20
Horz: 2-27=23, 1-2=28, 2-3=23, 3-9=-23, 9-10=-23, 9-11=8
- Dead + 0.6 MWFRS Wind (Neg. Internal) Right: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-9=-15, 9-10=-15, 11-27=-20
Horz: 2-27=-8, 1-2=14, 2-3=9, 3-9=-9, 9-10=-9, 9-11=-23
- Dead + 0.6 MWFRS Wind (Pos. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=20, 2-9=25, 9-10=25, 11-27=-12
Horz: 2-27=11, 1-2=28, 2-3=33, 3-9=-33, 9-10=-33, 9-11=16
- Dead + 0.6 MWFRS Wind (Pos. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=6, 2-9=10, 9-10=10, 11-27=-12
Horz: 2-27=-16, 1-2=14, 2-3=19, 3-9=-19, 9-10=-19, 9-11=-11
- Dead + 0.6 MWFRS Wind (Pos. Internal) 3rd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=10, 2-9=15, 9-10=15, 11-27=-12
Horz: 2-27=6, 1-2=18, 2-3=23, 3-9=-23, 9-10=-23, 9-11=12
- Dead + 0.6 MWFRS Wind (Pos. Internal) 4th Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=1, 2-9=6, 9-10=6, 11-27=-12
Horz: 2-27=-12, 1-2=10, 2-3=14, 3-9=-14, 9-10=-14, 9-11=-6
- Dead + 0.6 MWFRS Wind (Neg. Internal) 1st Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=4, 2-9=-1, 9-10=-1, 11-27=-20
Horz: 2-27=21, 1-2=28, 2-3=23, 3-9=-23, 9-10=-23, 9-11=7
- Dead + 0.6 MWFRS Wind (Neg. Internal) 2nd Parallel: Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-10, 2-9=-15, 9-10=-15, 11-27=-20
Horz: 2-27=-7, 1-2=14, 2-3=9, 3-9=-9, 9-10=-9, 9-11=-21
- Dead + Snow on Overhangs: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-124, 2-9=-24, 9-10=-24, 11-27=-20
- Dead: Lumber Increase=0.90, Plate Increase=0.90 Plt. metal=0.90
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20

Continued on page 3



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

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735058
19-OT0360	A11	GABLE	1	1	Job Reference (optional)	

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:52:15 2019 Page 3
ID:D0JFF4nFh1jqNrCI5JavxzoYef-v43dn3lyG627mXTzUN5rDvZ55yxf6OHkk3WZzcZkv2k

LOAD CASE(S)

- 20) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Left): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-40, 2-9=-44, 9-10=-44, 11-27=-20
Horz: 2-27=17, 1-2=21, 2-3=18, 3-9=-18, 9-10=-18, 9-11=6
- 21) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) Right): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-51, 2-9=-55, 9-10=-55, 11-27=-20
Horz: 2-27=-6, 1-2=10, 2-3=7, 3-9=-7, 9-10=-7, 9-11=-17
- 22) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 1st Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-40, 2-9=-44, 9-10=-44, 11-27=-20
Horz: 2-27=16, 1-2=21, 2-3=18, 3-9=-18, 9-10=-18, 9-11=5
- 23) Dead + 0.75 Snow (bal.) + 0.75(0.6 MWFRS Wind (Neg. Int) 2nd Parallel): Lumber Increase=1.60, Plate Increase=1.60
Uniform Loads (plf)
Vert: 1-2=-51, 2-9=-55, 9-10=-55, 11-27=-20
Horz: 2-27=-5, 1-2=10, 2-3=7, 3-9=-7, 9-10=-7, 9-11=-16
- 24) Dead + Minimum Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-64, 2-9=-64, 9-10=-64, 11-27=-20
- 25) 1st Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 50=-250
- 26) 2nd Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 51=-250
- 27) 3rd Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 52=-250
- 28) 4th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 53=-250
- 29) 5th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 54=-250
- 30) 6th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 55=-250
- 31) 7th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 56=-250
- 32) 8th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 57=-250
- 33) 9th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 58=-250
- 34) 10th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 59=-250
- 35) 11th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 60=-250
- 36) 12th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20

Continued on page 4



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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735058
19-OT0360	A11	GABLE	1	1	Job Reference (optional)	

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:52:15 2019 Page 4
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LOAD CASE(S)

- Concentrated Loads (lb)
Vert: 15=-250
- 37) 13th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 61=-250
- 38) 14th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 62=-250
- 39) 15th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 63=-250
- 40) 16th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 27=-250
- 41) 17th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 26=-250
- 42) 18th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 25=-250
- 43) 19th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 24=-250
- 44) 20th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 23=-250
- 45) 21st Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 22=-250
- 46) 22nd Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 21=-250
- 47) 23rd Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 20=-250
- 48) 24th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 19=-250
- 49) 25th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 18=-250
- 50) 26th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 17=-250
- 51) 27th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 16=-250

Continued on page 5



WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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, erection and bracing of trusses and truss systems, see **ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735058
19-OT0360	A11	GABLE	1	1	Job Reference (optional)	

PRECISION TRUSS & LUMBER, INC., CLACKAMAS, OR. 97015

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 09:52:15 2019 Page 5
ID: D0JFF4nFh1jqNrCI5JavfxzoYef-v43dn3ly6G27mXTzUN5rDvZ55yxf6OHkk3WZzczkv2k

LOAD CASE(S)

- 52) 28th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 14=-250
- 53) 29th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 13=-250
- 54) 30th Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 12=-250
- 55) 31st Moving Load: Lumber Increase=1.25, Plate Increase=1.25
Uniform Loads (plf)
Vert: 1-2=-24, 2-9=-24, 9-10=-24, 11-27=-20
Concentrated Loads (lb)
Vert: 11=-250



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250 Klug Circle
Corona, CA 92880

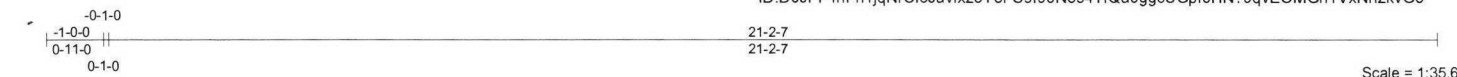
Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735059
19-OT0360	A12	GABLE	1	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:15 2019 Page 1

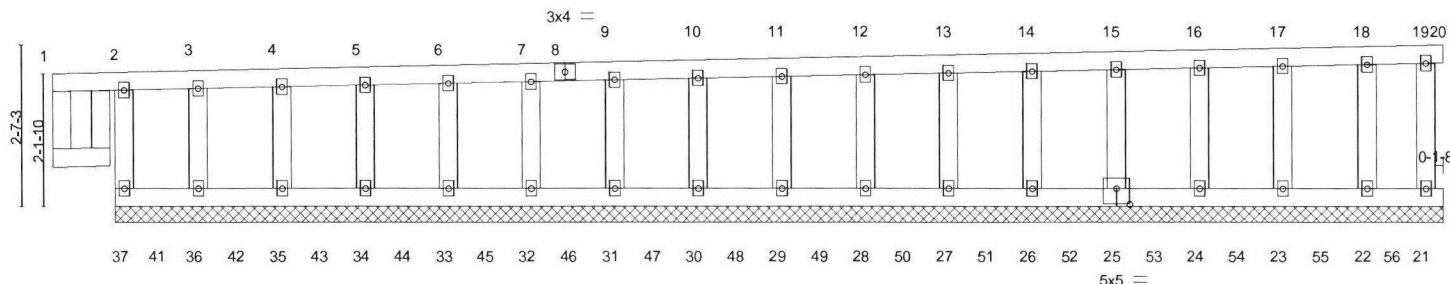
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Job Reference (optional)



MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12



21-2-7
21-2-7

Plate Offsets (X,Y)-- [25:0-2-8,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0 Plate Grip DOL 1.15	TC 0.15	Vert(LL) 0.00	1	n/r	120	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.10	Vert(CT) -0.00	1	n/r	90		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.02	Horz(CT) -0.01	20	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-R					Weight: 98 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
38-39,1-38: 2x4 DF No.2
OTHERS 2x4 HF Std

BRACING-

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

REACTIONS.

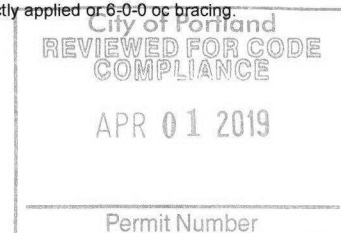
All bearings 21-2-7.
(lb) - Max Horz 37=72(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 37, 20, 21, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22
Max Grav All reactions 250 lb or less at joint(s) 20 except 37=312(LC 41), 21=267(LC 57), 36=296(LC 42), 35=311(LC 43), 34=308(LC 44), 33=309(LC 45), 32=309(LC 46), 31=309(LC 47), 30=309(LC 48), 29=309(LC 49), 28=309(LC 50), 27=309(LC 51), 26=309(LC 52), 25=309(LC 53), 24=309(LC 54), 23=310(LC 55), 22=307(LC 56)

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 B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 21-2-7 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All plates are 2x3 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 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.
- 12) Bearing at joint(s) 20 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 37, 20, 21, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22.

Continued on page 2



EXPIRES: 12-31-2019
February 15, 2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735059
18-OT0360	A12	GABLE	1	1	Job Reference (optional)	

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:15 2019 Page 2
ID:D0JFF4nFh1jqNrCl5JavfxzoYef-S8I90Nos4TfQa0ggcUGpf6HN?9qvEOMGn1VxNnzkvGo

NOTES-

- 14) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.

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

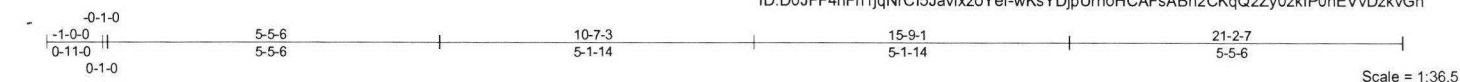
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall 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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:16 2019 Page 1

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:16 2019 Page 1
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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

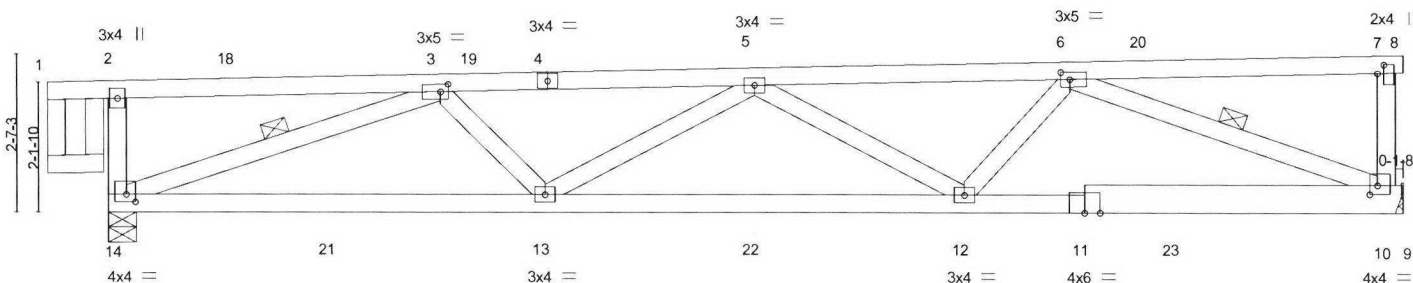
0.25 12

Plate Offsets (X,Y)-- [3:0-1-8,0-1-8], [6:0-1-12,0-1-8], [7:0-1-13,0-1-4], [10:0-1-8,0-1-12], [14:0-1-12,0-1-8], [7:2-0]

[illegible]

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2 *Except*
 9-11: 2x6 DF No.2
WEBS 2x4 HF Std *Except*
 15-16,1-15: 2x4 DF No.2

BRACING-	
TOP CHORD	Structural wood sheathing directly applied or 3-11-5 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS	1 Row at midpt 3-14. 6-10

REACTIONS. (lb/size) 14=1064/0-5-8, 10=1000/Mechanical
Max Horz 14=71(LC 9)
Max Uplift 14=-174(LC 8). 10=-129(LC 8)

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

TOP CHORD	2-14=-284/103, 3-5=-2238/255, 5-6=-2068/254
BOT CHORD	13-14=-254/1989, 12-13=-324/2457, 10-12=-242/1793
WEBS	3-14=-2035/305, 3-13=0/446, 5-13=-262/116, 5-12=-460/121, 6-12=0/492, 6-10=-1858/272

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCdL=4.2psf; BCdL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 21-2-7 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) TCdL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.0 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 14=174, 10=129.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019



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

WARNING: Verify design parameters and READ NOTES on this and INCLUDED INFORMATION PAGE IM1470164, 10/03/2019 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-89 and BCS1 Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

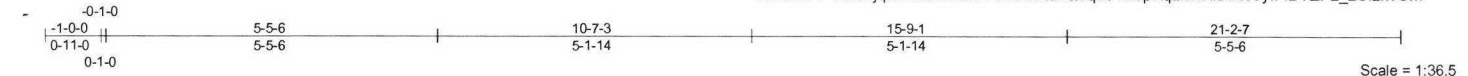


250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735061
19-OT0360	A14	Jack-Closed	1	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:17 2019 Page 1
ID:D0JFF4nFh1jqNrCl5JavfxzoYef-OWQwQ3q6c4w8pKq2kvIHkXNboyIFiBYZFL_2SfzkvGm



MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12

Scale = 1:36.5

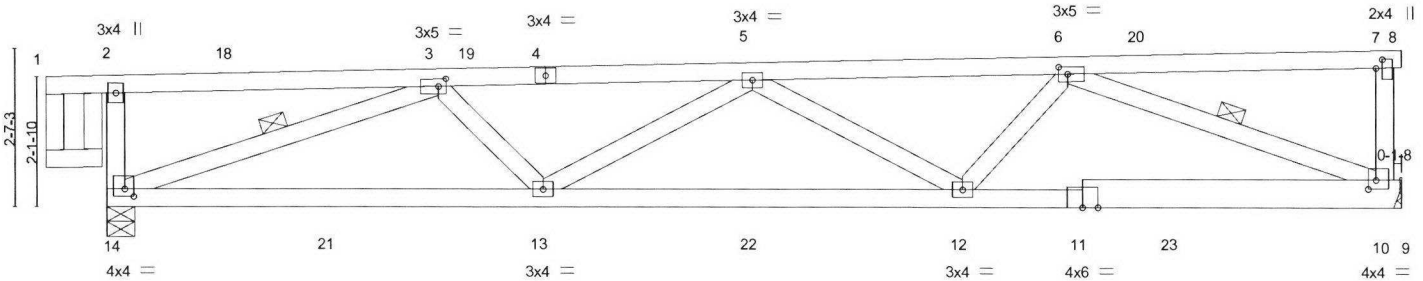


Plate Offsets (X,Y)--	[3:0-1-8,0-1-8], [6:0-1-12,0-1-8], [7:0-1-13,0-1-4], [10:0-1-8,0-1-12], [14:0-1-12,0-1-8]
-----------------------	---

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.64	in (loc) l/defl L/d	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 1.00	Vert(LL) -0.22 12-13 >999 240		
TCDL 12.0	Lumber DOL 1.15	WB 0.42	Vert(CT) -0.35 12-13 >713 180		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.05 10 n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014			Weight: 98 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2 *Except*
9-11: 2x6 DF No.2
WEBS 2x4 HF Std *Except*
15-16,1-15: 2x4 DF No.2

REACTIONS. (lb/size) 14=1064/0-5-8, 10=1000/Mechanical
Max Horz 14=71(LC 9)
Max Uplift 14=-174(LC 8), 10=-129(LC 8)

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

TOP CHORD 2-14=-284/103, 3-5=-2238/255, 5-6=-2068/254
BOT CHORD 13-14=-254/1989, 12-13=-324/2457, 10-12=-242/1793
WEBS 3-14=-2035/305, 3-13=0/446, 5-13=-262/116, 5-12=-460/121, 6-12=0/492,
6-10=-1858/272

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 21-2-7 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 14=174, 10=129.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.

City of Portland
REVIEWED FOR CODE
COMPLIANCE

APR 01 2019

Permit Number



EXPIRES: 12-31-2019
February 15, 2019

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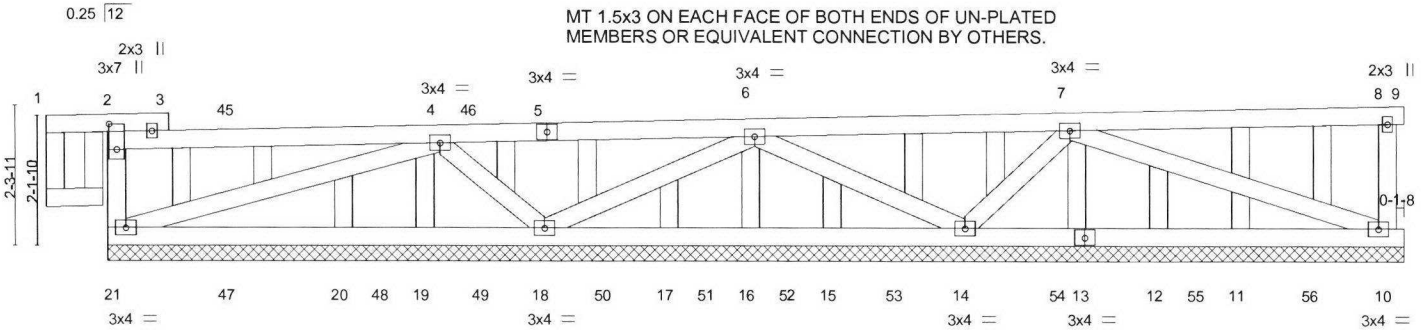
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MiTek
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735062
19-OT0360	A15	GABLE	1	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:18 2019 Page 1
ID:D0JFF4nFh1jqNrCi5JavfxoYef-sj_lePqkNO2?RUPEHcpWHLvrkMnmRiGiT?jb_6zkvGI



		7-2-0				14-0-7				21-2-7	
		7-2-0				6-10-8				7-2-0	
Plate Offsets (X,Y)-- [2-0-5-0,0-1-8]											
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 0.37		Vert(LL) 0.00 1 n/r 120		MT20		185/148	
(Roof Snow=25.0)		Lumber DOL 1.15		BC 0.34		Vert(CT) 0.01 1 n/r 90					
TCDL 12.0		Rep Stress Incr YES		WB 0.14		Horz(CT) 0.00 10 n/a n/a					
BCLL 0.0 *		Code IRC2015/TPI2014		Matrix-S							
BCDL 10.0											
								Weight: 112 lb		FT = 0%	

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
27-28,1-27: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 21-2-7.
(lb) - Max Horz 21=61(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 11, 12, 15, 16, 17 except
21=-101(LC 8), 10=-177(LC 8), 18=-150(LC 8), 14=-143(LC 8), 19=-111(LC 25),
9=-361(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 9 except 21=381(LC 35),
10=623(LC 1), 18=603(LC 1), 14=607(LC 1), 11=284(LC 44), 12=298(LC 43),
15=281(LC 41), 16=273(LC 40), 17=284(LC 39), 19=262(LC 37), 20=323(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-21=-270/103, 8-10=-564/178
WEBS 4-18=-527/163, 6-18=-408/138, 6-14=-395/129, 7-14=-492/161

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 21-2-7 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11, 12, 15, 16, 17 except (it=lb) 21=101, 10=177, 18=150, 14=143, 19=111, 9=361.
- 12) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the bottom chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15,2019

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MiTek
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735062
19-OT0360	A15	GABLE	1	1	Job Reference (optional)	

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:19 2019 Page 2
ID:D0JFF4nFh1jqNrCl5JavfxzoYef-KvYgrkrN7iAs3e_RrKKlpyS0Um7?A9WsfT9WYzkvGk

NOTES-

- 13) No notches allowed in overhang and 10000 from left end and 0 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735063
19-OT0360	B01	GABLE	1	1		

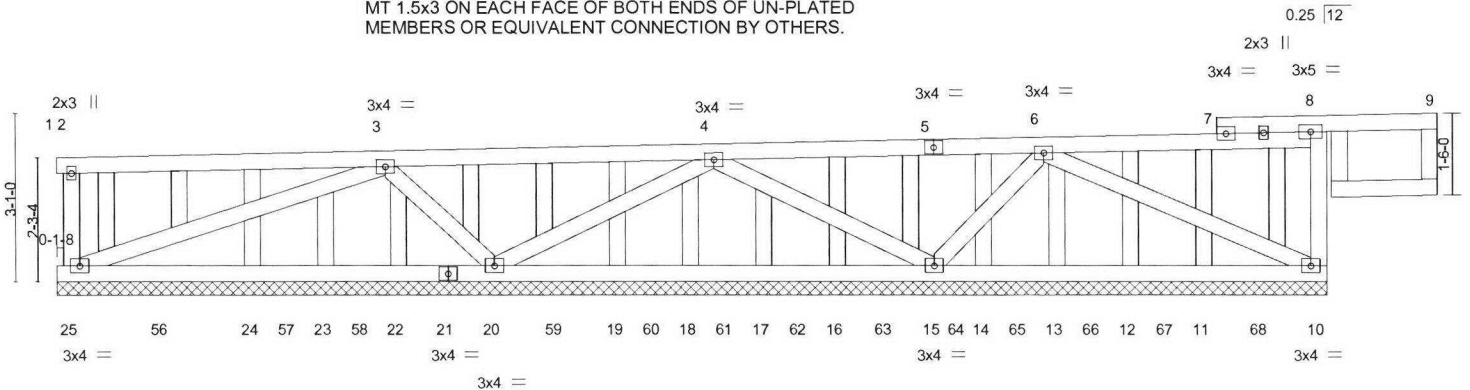
Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:21 2019 Page 1
ID:D0JFF4nFh1qNrCi5JavfxzoYef-GlgRGQtdfJQalx7pziNDvNXIdaq8e2j99zyGbQzkvGi

6-0-0	12-0-0	18-0-0	23-1-11	23-1-11	23-1-11
6-0-0	6-0-0	6-0-0	5-1-11	0-1-0	1-1-0

Scale = 1:40.6

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.



		8-0-0				16-0-0				23-1-11			
		8-0-0				8-0-0				7-1-11			
Plate Offsets (X,Y)-- [7:0-0-1,0-0-0]													
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 0.52		Vert(LL) 0.00 8		n/r		120		MT20 185/148	
(Roof Snow=25.0)		Lumber DOL 1.15		BC 0.30		Vert(CT) -0.01 9		n/r		90			
TCDL 12.0		Rep Stress Incr YES		WB 0.22		Horz(CT) 0.00 10		n/a		n/a			
BCLL 0.0 *		Code IRC2015/TPI2014		Matrix-S									
BCDL 10.0												Weight: 139 lb FT = 0%	

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
28-29: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 23-1-11.
(lb) - Max Horz 1=87(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 18, 22, 17, 14, 13, 12 except
25=-231(LC 8), 10=-106(LC 12), 20=-185(LC 8), 15=-175(LC 8), 23=-114(LC 25),
1=-451(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 1 except 25=747(LC 1), 10=405(LC
1), 20=670(LC 1), 15=608(LC 1), 18=273(LC 45), 19=289(LC 44), 22=283(LC 42),
23=258(LC 41), 24=314(LC 40), 17=276(LC 46), 16=283(LC 47), 14=268(LC 49),
13=280(LC 50), 12=271(LC 51), 11=292(LC 52)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-25=-673/248, 8-10=-370/126
WEBS 3-20=-544/196, 4-20=-481/169, 4-15=-450/160, 6-15=-473/163

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 25-1-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 22, 17, 14, 13, 12 except (jt=lb) 25=231, 10=106, 20=185, 15=175, 23=114, 1=451.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.

Continued on page 2



EXPIRES: 12-31-2019
February 15, 2019

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MiTek
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735063
19-OT0360	B01	GABLE	1	1	Job Reference (optional)	

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

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:21 2019 Page 2
ID:D0JFF4nFh1jqNrCl5JavfxzoYef-GlgRGQtdfJQalx7pziNDvNXIdaq8e2j99zyGbQzkvGi

NOTES-

- 12) No notches allowed in overhang and 0 from left end and 20000 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735065
19°OT0360	B03	JACK-CLOSED	3	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:23 2019 Page 1

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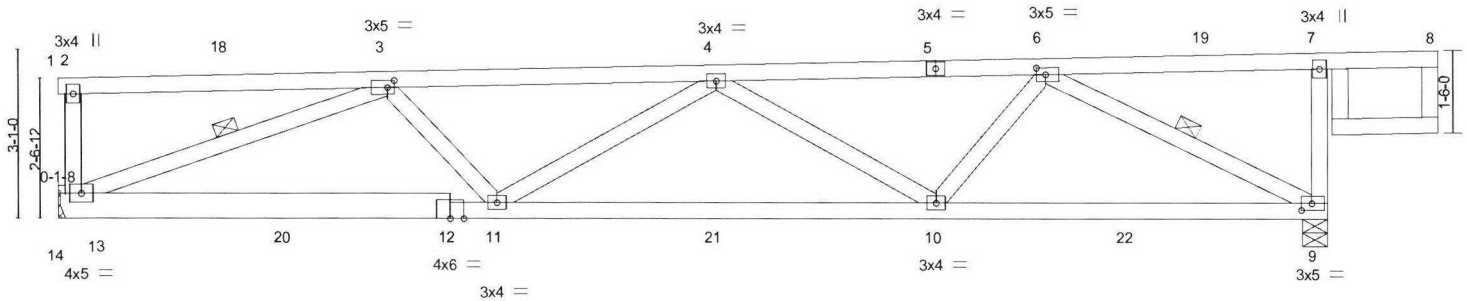
Job Reference (optional)

6-0-0 12-0-0 18-0-0 23-1-11 23-2-11 25-1-11
6-0-0 6-0-0 6-0-0 5-1-11 0-1-0 1-11-0

Scale = 1:40.6

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12



		8-0-0		16-0-0		23-1-11	
		8-0-0		8-0-0		7-1-11	
Plate Offsets (X,Y)-- [3:0-1-8,0-1-8], [6:0-2-0,0-1-8], [9:0-2-4,0-1-8]							
LOADING (psf)		SPACING- 2-0-0		CSI.		DEFL. in (loc) l/defl L/d	
TCLL 25.0		Plate Grip DOL 1.15		TC 0.68		Vert(LL) -0.26 10-11 >999 240	
(Roof Snow=25.0)		Lumber DOL 1.15		BC 0.83		Vert(CT) -0.40 10-11 >674 180	
TCDL 12.0		Rep Stress Incr YES		WB 0.47		Horz(CT) 0.05 9 n/a n/a	
BCLL 0.0 *		Code IRC2015/TPI2014		Matrix-S			
BCDL 10.0						Weight: 112 lb FT = 0%	

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x6 DF No.2 *Except*
9-12: 2x4 DF No.1&Btr
WEBS 2x4 HF Std *Except*
15-16: 2x4 DF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-10-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt

REACTIONS. (lb/size) 13=1086/Mechanical, 9=1234/0-5-8
Max Horz 13=85(LC 11)
Max Uplift 13=145(LC 8), 9=185(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-2205/256, 4-6=-1940/227, 7-9=-362/115
BOT CHORD 11-13=-263/1975, 10-11=-320/2424, 9-10=-195/1578
WEBS 3-13=-2029/308, 3-11=0/435, 4-11=-265/119, 4-10=-578/159, 6-10=0/592, 6-9=-1771/253

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 25-1-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=145, 9=185.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.

City of Portland
REVIEWED FOR CODE
COMPLIANCE

APR 01 2019

Permit Number



EXPIRES: 12-31-2019
February 15, 2019

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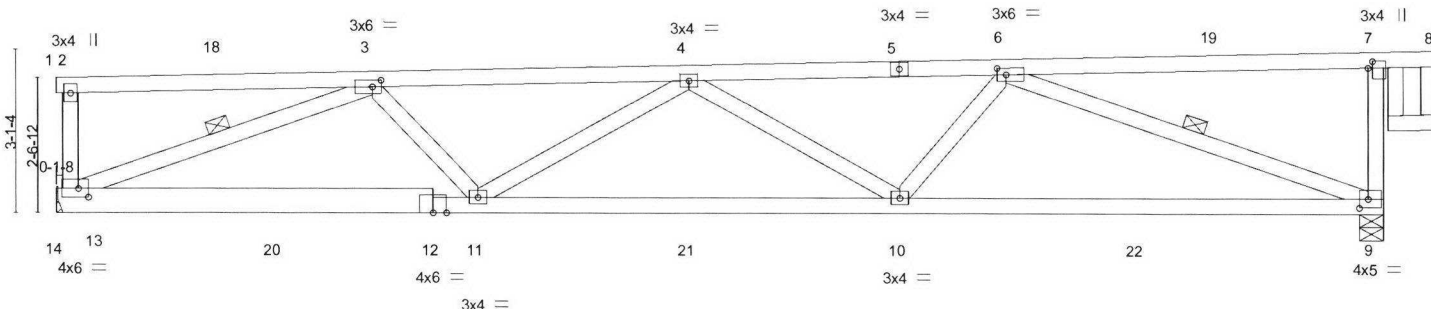
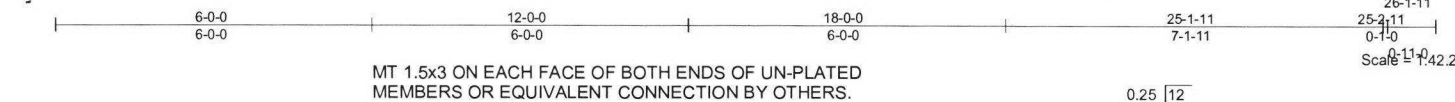
MiTek

250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735066
19-OT0360	B04	JACK-CLOSED	5	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:24 2019 Page 1
ID:D0JFF4nFh1jqNrC15JavfxzoYef-htLZuSVvYeo89PsOetwwW09jKnhyrHBbsxBwBlzkvGf



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 0.94	Vert(LL)	-0.39	9-10	>753	MT20	185/148
(Roof Snow=25.0)	Lumber DOL	1.15	BC 1.00	Vert(CT)	-0.59	9-10	>506		
TCDL 12.0	Rep Stress Incr	YES	WB 0.75	Horz(CT)	0.07	9	n/a		
BCLL 0.0 *	Code IRC2015/TPI2014		Matrix-S						
BCDL 10.0								Weight: 116 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x6 DF No.2 *Except*
9-12: 2x4 DF No.1&Btr
WEBS 2x4 HF Std *Except*
15-16: 2x4 DF No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 3-6-3 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS 2-2-0 oc bracing: 9-10.
1 Row at midpt 3-13, 6-9

REACTIONS.

(lb/size) 13=1186/Mechanical, 9=1249/0-5-8
Max Horz 13=86(LC 11)
Max Uplift 13=159(LC 8), 9=176(LC 8)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-2513/303, 4-6=-2572/308, 7-9=-334/103
BOT CHORD 11-13=-291/2214, 10-11=-377/2878, 9-10=-300/2280
WEBS 3-13=-2283/348, 3-11=0/499, 4-11=-437/132, 4-10=-368/130, 6-10=0/535, 6-9=-2345/339

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 26-1-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=159, 9=176.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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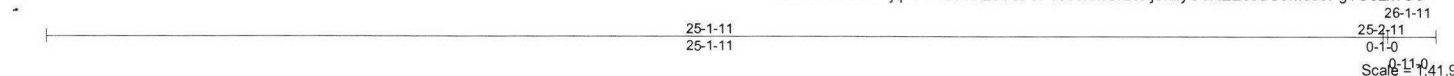


250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735067
19-OT0360	B05	GABLE	1	1		

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

8.240 s Dec 6 2018 Mitek Industries, Inc. Fri Feb 15 11:37:26 2019 Page 1
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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12

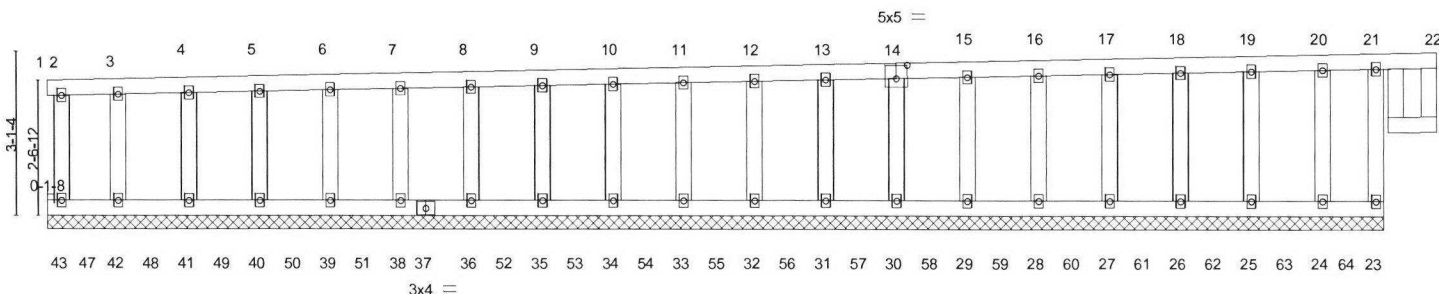


Plate Offsets (X,Y)-- [14:0-2-8,0-3-0]

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	Plate Grip DOL	1.15	TC 0.24	Vert(LL)	0.00	21	n/r	MT20	185/148
TCDL 12.0	Lumber DOL	1.15	BC 0.10	Vert(CT)	-0.00	22	n/r		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.03	Horz(CT)	0.01	23	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-R					Weight: 125 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
44-45: 2x4 DF No.2
OTHERS 2x4 HF Std

BRACING-

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

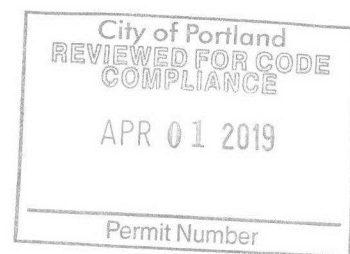
REACTIONS.

All bearings 25-1-11.
(lb) - Max Horz 1=87(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 43, 23, 1, 42, 41, 40, 39, 38, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24
Max Grav All reactions 250 lb or less at joint(s) 1 except 43=271(LC 44), 23=308(LC 63), 42=310(LC 45), 41=309(LC 46), 40=309(LC 47), 39=309(LC 48), 38=309(LC 49), 36=309(LC 50), 35=309(LC 51), 34=309(LC 52), 33=309(LC 53), 32=309(LC 54), 31=309(LC 55), 30=309(LC 56), 29=309(LC 57), 28=309(LC 58), 27=309(LC 59), 26=309(LC 60), 25=310(LC 61), 24=292(LC 62)

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 B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 26-1-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All plates are 2x3 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 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.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 43, 23, 1, 42, 41, 40, 39, 38, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24.
- 13) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

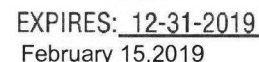
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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 1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:29 2019 Page 1
ID:D0JFF4nFh1jgNrCI5JavfxoYef-1g9Sy9zenmQRGAIMRQW5D3sgVoamWg K?DuhtzzkvGa



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 to provide lateral stability of the web and/or chord members only. Additional temporary and permanent bracing may be required for stability and to prevent collapse with possible personal injury or property damage. For general guidance on temporary bracing, see ANSI/TPI-1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information, available from Truss Plate Institute, 218 N. J. ex Street, Suite 312, Alexandria, VA 22304.

250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss B06	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH Job Reference (optional)	K5735068
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:30 2019 Page 2
ID:D0JFF4nFh1jqNrCl5JavfxoYef-V0iq9V_GY4YlIKKY_81KmHPFCw?F7ETEtEPPzkvGZ

NOTES-

- 12) No notches allowed in overhang and 0 from left end and 10000 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.



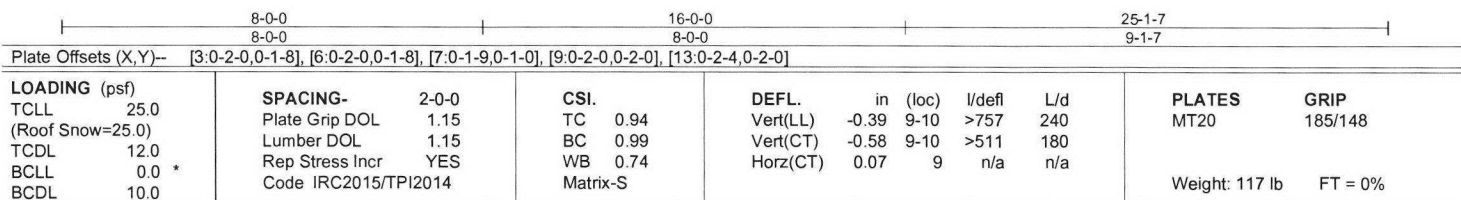
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:30 2019 Page 1
ID:D0JFF4nFh1qNcRi5JavfzxoYef-V0iq9V GY4YlIKKY 81KmHPJwCkRE7iTEtEPPzkvGZ



BRACING- TOP CHORD	Structural wood sheathing directly applied or 3-6-11 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS	1 Row at midpt. 3-13 6-9

3-13, 6-9

City of Portland
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APR 01 2019

Permit Number

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

TOP CHORD	3-4=-2465/297, 4-6=-2522/303, 7-9=-333/103
BOT CHORD	11-13=-288/2171, 10-11=-368/2823, 9-10=-293/2235
WEBS	3-13=-2247/343, 3-11=0/496, 4-11=-431/130, 4-10=-363/128, 6-10=0/531, 6-9=-2306/333

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCCL=4.2psf, BCDL=6.0psf, h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 26-1-7 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) TCCL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=159, 9=176.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

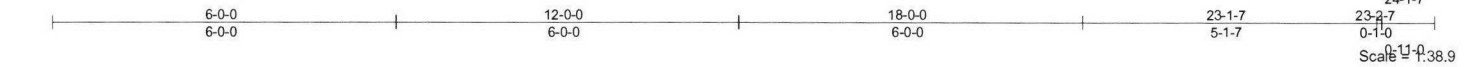


250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss B08	Truss Type Jack-Closed	Qty 5	Ply 1	4-Plex SW 58TH	K5735070
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:31 2019 Page 1
ID:D0JFF4nFh1jqNrCl5JavfxzoYef_DGCMr_ujOg9VUukYrYZJUy_ob6F_WHdTNnrxzkvGY



MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

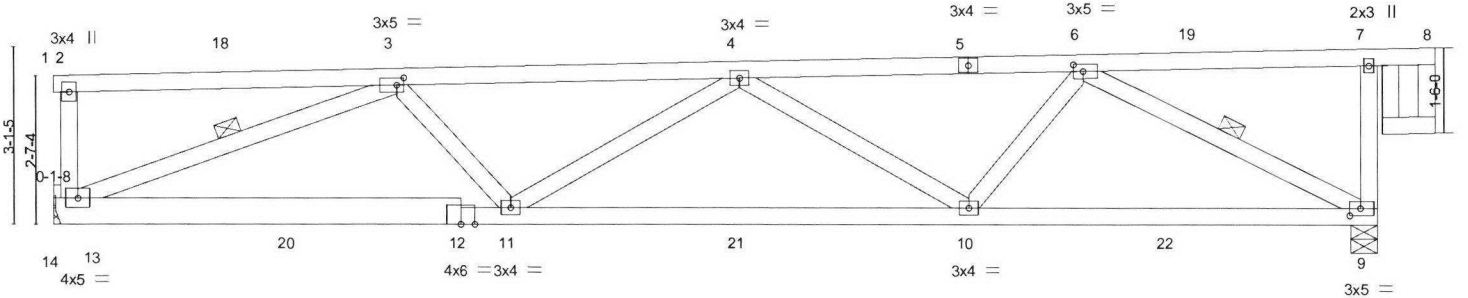


Plate Offsets (X,Y)-- [3:0-1-8,0-1-8], [6:0-2-0,0-1-8], [9:0-2-4,0-1-8]		8-0-0 16-0-0 23-1-7 8-0-0 8-0-0 7-1-7	
LOADING (psf)	SPACING-	CSI.	DEFL.
TCLL 25.0	2-0-0	TC 0.67	in (loc) l/defl L/d
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.83	Vert(LL) -0.26 10-11 >999 240
TCDL 12.0	Lumber DOL 1.15	WB 0.47	Vert(CT) -0.40 10-11 >680 180
BCLL 0.0 *	Rep Stress Incr YES	Matrix-S	Horz(CT) 0.05 9 n/a n/a
BCDL 10.0	Code IRC2015/TPI2014		
		PLATES	GRIP
		MT20	185/148
		Weight: 109 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x6 DF No.2 *Except*
9-12: 2x4 DF No.1&Btr
WEBS 2x4 HF Std *Except*
15-16: 2x4 DF No.2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 3-10-15 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 3-13, 6-9

REACTIONS. (lb/size) 13=1091/Mechanical, 9=1154/0-5-8
Max Horz 13=86(LC 11)
Max Uplift 13=-146(LC 8), 9=-163(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-2179/256, 4-6=-1936/233, 7-9=-252/78
BOT CHORD 11-13=-265/1950, 10-11=-318/2400, 9-10=-201/1587
WEBS 3-13=-2011/307, 3-11=0/434, 4-11=-268/120, 4-10=-557/152, 6-10=0/577, 6-9=-1768/255

NOTES-

- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 24-1-7 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
- TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 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 (jt=lb) 13=146, 9=163.
- This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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MiTek
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735071
19-OT0360	B09	GABLE	1	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:33 2019 Page 1

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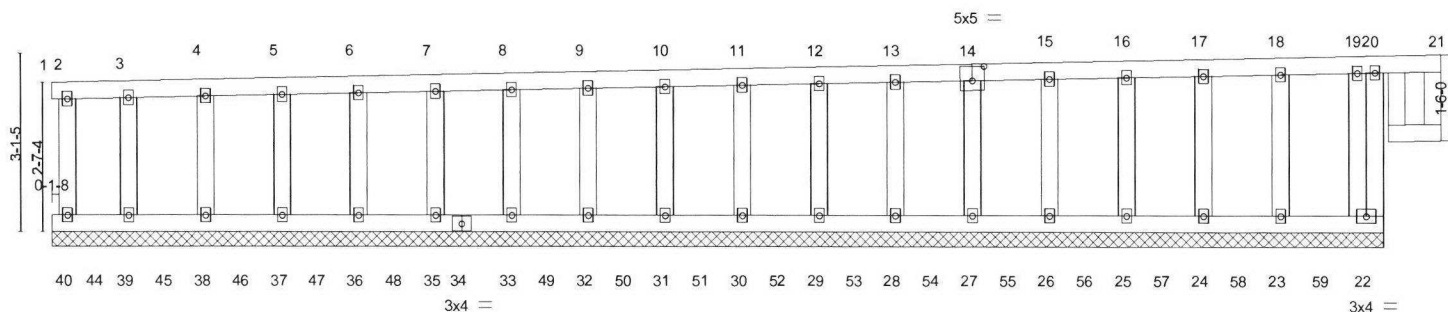
Job Reference (optional)

23-1-7
23-1-7

24-1-7
23-1-7
0-1-0
Scale 1/38.7

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED
MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12



23-1-7
23-1-7

Plate Offsets (X,Y)-- [14.0-2.8,0-3.0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.25 BC 0.12 WB 0.03	Vert(LL) 0.00 Vert(CT) -0.00 Horz(CT) 0.01	20 21 22	n/r n/r n/a	120 90 n/a	MT20	185/148
TCDL 12.0 BCLL 0.0 * BCDL 10.0	Rep Stress Incr YES Code IRC2015/TPI2014	Matrix-R					Weight: 118 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
41-42: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 23-1-7.
(lb) - Max Horz 1=88(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 40, 22, 1, 39, 38, 37, 36, 35, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23
Max Grav All reactions 250 lb or less at joint(s) 1 except 40=271(LC 42), 22=321(LC 59), 39=312(LC 43), 38=309(LC 44), 37=309(LC 45), 36=309(LC 46), 35=309(LC 47), 33=309(LC 48), 32=309(LC 49), 31=309(LC 50), 30=309(LC 51), 29=309(LC 52), 28=309(LC 53), 27=309(LC 54), 26=309(LC 55), 25=309(LC 56), 24=309(LC 57), 23=305(LC 58)

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 B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 24-1-7 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All plates are 2x3 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 9) Gable studs spaced at 14-0 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.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 40, 22, 1, 39, 38, 37, 36, 35, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23.
- 13) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.

City of Portland
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COMPLIANCE

APR 01 2019

Permit Number



EXPIRES: 12-31-2019
February 15, 2019

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MiTek

250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss B10	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH	K5735072
Job Reference (optional)						

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:36 2019 Page 1
ID:D0JFF4nFh1jqNrCi5JavfxzoYef-KA45QY217wJRbFniLO8k0YfyLc?qtUMco5Yd3zkvGT
26-0-11
25-1-11
0-1-0
Scale 1"=41.8

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12

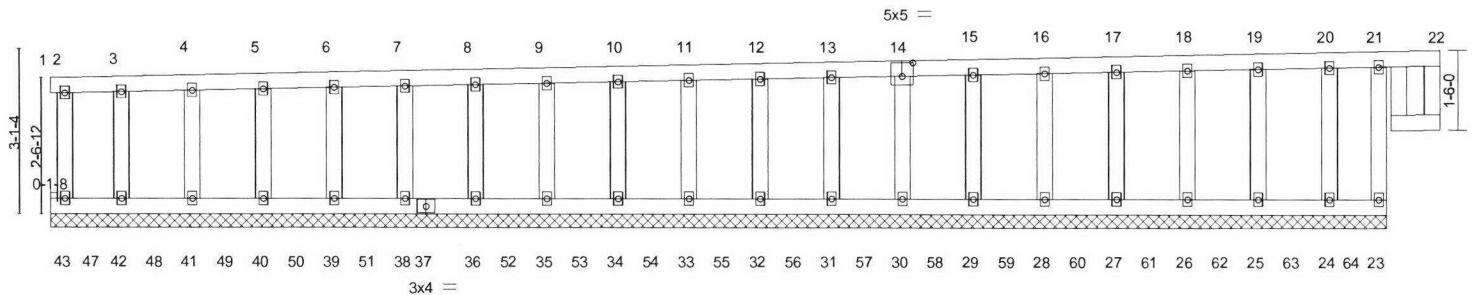


Plate Offsets (X,Y)-- [14.0-2-8,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0 Plate Grip DOL 1.15	TC 0.24	Vert(LL) 0.00	21	n/r	120	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.10	Vert(CT) -0.00	22	n/r	90		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.03	Horz(CT) 0.01	23	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-R					Weight: 125 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
44-45: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 25-0-11.
(lb) - Max Horz 1=88(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 43, 23, 1, 42, 41, 40, 39, 38, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24
Max Grav All reactions 250 lb or less at joint(s) 1 except 43=271(LC 44), 23=306(LC 63), 42=310(LC 45), 41=309(LC 46), 40=309(LC 47), 39=309(LC 48), 38=309(LC 49), 36=309(LC 50), 35=309(LC 51), 34=309(LC 52), 33=309(LC 53), 32=309(LC 54), 31=309(LC 55), 30=309(LC 56), 29=309(LC 57), 28=309(LC 58), 27=309(LC 59), 26=309(LC 60), 25=310(LC 61), 24=289(LC 62)

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 B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 26-0-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All plates are 2x3 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 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.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 43, 23, 1, 42, 41, 40, 39, 38, 36, 35, 34, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24.
- 13) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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MiTek
250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:38 2019 Page 1
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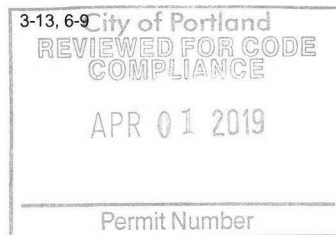


BRACING- TOP CHORD	Structural wood sheathing directly applied or 3-6-10 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 9-10.
WEBS	1 Row at midpt 3-13, 6-9


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

TOP CHORD	3-4=-2498/301, 4-6=-2544/305, 7-9=-331/102
BOT CHORD	11-13=-290/2201, 10-11=-374/2857, 9-10=-296/2249
WEBS	3-13=-2271/346, 3-11=0/496, 4-11=-430/131, 4-10=-376/131, 6-10=0/536, 6-9=-2319/335

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 26-0-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=158, 9=175.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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

Design valid for use only with MiTek® collectors. 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 1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

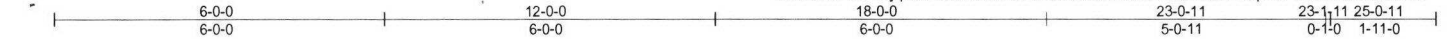


250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss B12	Truss Type JACK-CLOSED	Qty 5	Ply 1	4-Plex SW 58TH	K5735074
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

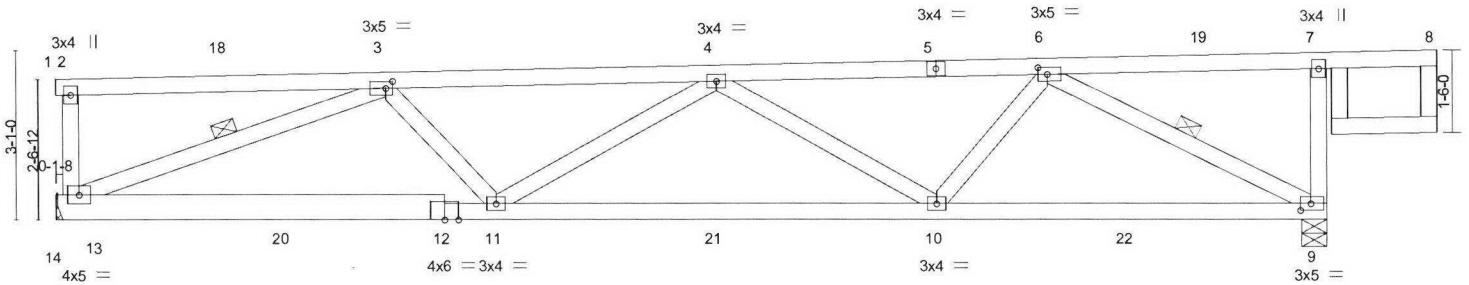
8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:39 2019 Page 1
ID:D0JFF4nFh1jqNrC15JavfxzoYef-IIIIE2a5vQrh0SiWH0XhRdAHLfqr4s7GolmJDDOzkvGQ



Scale = 1:40.4

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12



		8-0-0				16-0-0				23-0-11	
		8-0-0				8-0-0				7-0-11	
Plate Offsets (X,Y)-- [3:0-1-8,0-1-8], [6:0-2-0,0-1-8], [9:0-2-4,0-1-8]											
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 0.68		Vert(LL) -0.26 10-11	>999 240	MT20		185/148	
(Roof Snow=25.0)		Lumber DOL 1.15		BC 0.83		Vert(CT) -0.40 10-11	>673 180				
TCDL 12.0		Rep Stress Incr YES		WB 0.47		Horz(CT) 0.05 9	n/a n/a				
BCLL 0.0 *		Code IRC2015/TPI2014		Matrix-S							
BCDL 10.0									Weight: 111 lb	FT = 0%	

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x6 DF No.2 *Except*
9-12: 2x4 DF No.1&Btr
WEBS 2x4 HF Std *Except*
15-16: 2x4 DF No.2

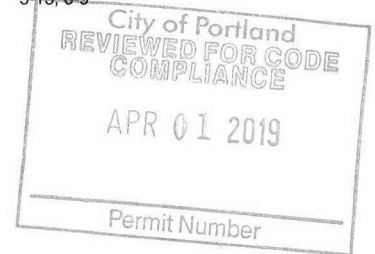
REACTIONS. (lb/size) 13=1082/Mechanical, 9=1230/0-5-8
Max Horz 13=85(LC 11)
Max Uplift 13=144(LC 8), 9=184(LC 8)

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

TOP CHORD 3-4=-2190/254, 4-6=-1914/224, 7-9=-362/114
BOT CHORD 11-13=-261/1963, 10-11=-317/2403, 9-10=-191/1549
WEBS 3-13=-2017/306, 3-11=0/433, 4-11=-258/119, 4-10=-585/159, 6-10=0/595,
6-9=-1747/249

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 25-0-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=144, 9=184.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735075
19-OT0360	B13	GABLE	1	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:41 2019 Page 1
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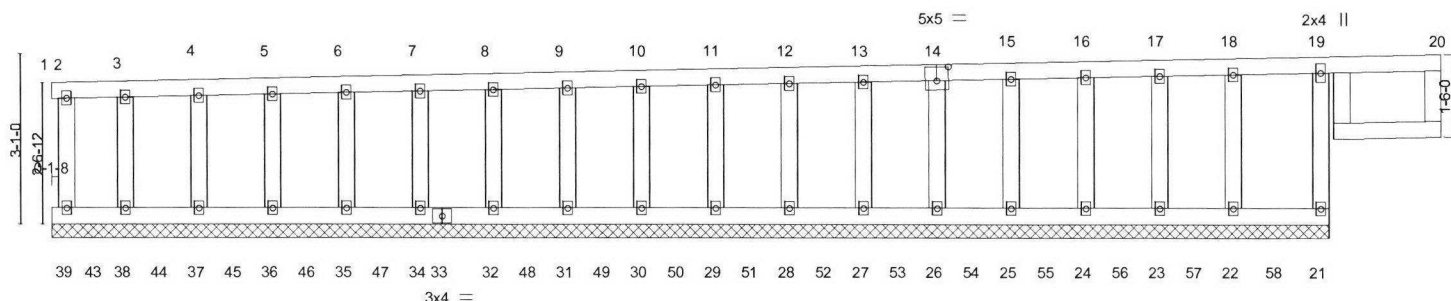
23-0-11
23-0-11

23-1-11 25-0-11
0-1-0 1-11-0

Scale = 1:40.2

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED
MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12



23-0-11
23-0-11

Plate Offsets (X,Y)-- [14:0-2-8,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.52	Vert(LL)	0.00	19	n/r	120	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.13	Vert(CT)	-0.02	20	n/r	90		
TCDL 12.0	Lumber DOL 1.15	WB 0.08	Horz(CT)	0.01	21	n/a	n/a		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-R							
BCDL 10.0	Code IRC2015/TPI2014								

Weight: 117 lb FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
40-41: 2x4 DF No.2
OTHERS 2x4 HF Std

BRACING-

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

REACTIONS.

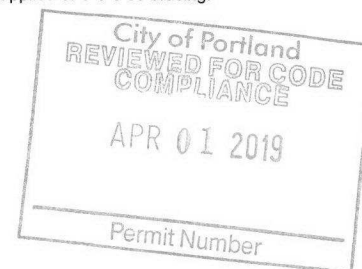
All bearings 23-0-11.
(lb) - Max Horz 1=87(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 39, 1, 38, 37, 36, 35, 34, 32, 31,
30, 29, 28, 27, 26, 25, 24, 23 except 21=-101(LC 8), 22=-114(LC 18)
Max Grav All reactions 250 lb or less at joint(s) 1 except 39=272(LC 42),
21=449(LC 18), 38=319(LC 43), 37=307(LC 44), 36=309(LC 45), 35=309(LC 46),
34=309(LC 47), 32=309(LC 48), 31=309(LC 49), 30=309(LC 50), 29=309(LC 51),
28=309(LC 52), 27=308(LC 53), 26=309(LC 54), 25=309(LC 55), 24=309(LC 56),
23=313(LC 57), 22=284(LC 58)

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

TOP CHORD 19-21=-445/147

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 25-0-11 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) All plates are 2x3 MT20 unless otherwise indicated.
- 7) Gable requires continuous bottom chord bearing.
- 8) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 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.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 39, 1, 38, 37, 36, 35, 34, 32, 31, 30, 29, 28, 27, 26, 25, 24, 23 except (jt=lb) 21=101, 22=114.
- 13) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735076
19-OT0360	B14	GABLE	1	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:43 2019 Page 1

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6-4-14	12-6-4	18-0-0	18-7-9	23-1-7	25-0-7	26-0-7
6-4-14	6-1-6	5-5-12	0-7-9	4-5-14	1-11-0	1-0-0

Scale = 1:42.0

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

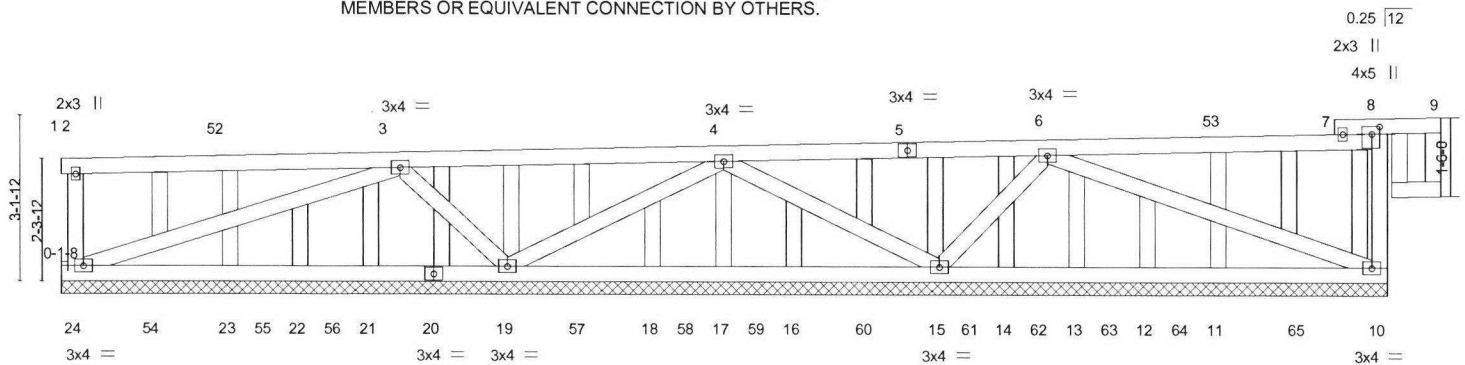


Plate Offsets (X,Y)-- [8:0-1-12,0-1-12]		8-5-5		16-7-2		18-0-0		25-0-7	
		8-5-5		8-1-13		1-4-14		7-0-7	
LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES	
TCLL 25.0		2-0-0		TC 0.53		in (loc) l/defl L/d		MT20	
(Roof Snow=25.0)		Plate Grip DOL 1.15		BC 0.28		Vert(LL) 0.00 8 n/r 120		GRIP	
TCDL 12.0		Lumber DOL 1.15		WB 0.26		Vert(CT) 0.02 9 n/r 90		185/148	
BCLL 0.0 *		Rep Stress Incr YES		Matrix-S		Horz(CT) 0.01 10 n/a n/a		Weight: 144 lb	
BCDL 10.0		Code IRC2015/TPI2014						FT = 0%	

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
25-26: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 25-0-7.
(lb) - Max Horz 1=88(LC 11)
Max Uplift All uplift 100 lb or less at joint(s) 10, 17, 22, 14, 13 except
24=-287(LC 12), 1=-490(LC 1), 19=-186(LC 8), 15=-180(LC 8), 12=-102(LC 37)
Max Grav All reactions 250 lb or less at joint(s) 1 except 24=800(LC 1), 10=392(LC 51), 17=260(LC 44), 18=297(LC 43), 19=715(LC 1), 21=295(LC 41), 22=258(LC 40), 23=307(LC 39), 16=299(LC 45), 15=680(LC 1), 14=265(LC 47), 13=283(LC 48), 12=261(LC 49), 11=308(LC 50)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-24=-720/290, 3-4=-129/285, 8-10=-294/93
WEBS 3-19=-621/212, 4-19=-555/179, 4-15=-434/149, 6-15=-572/185

NOTES-

- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 26-0-7 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.
- TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- Provide adequate drainage to prevent water ponding.
- 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) 10, 17, 22, 14, 13 except (jt=lb) 24=287, 1=490, 19=186, 15=180, 12=102.
- This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

Continued on page 2

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735076
19-OT0360	B14	GABLE	1	1	Job Reference (optional)	


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

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NOTES-

- 12) No notches allowed in overhang and 0 from left end and 10000 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.

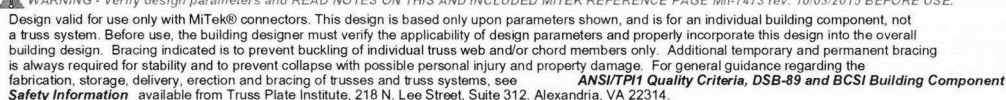
 **WARNING** - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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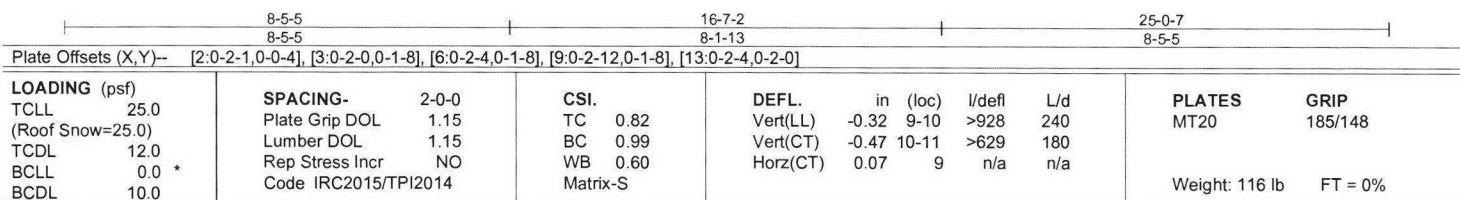
250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:45 2019 Page 1
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250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:45 2019 Page 1
ID:D0JFF4nFh1iqNrCl5JavfxzoYef-Zv6VJd9g0hRAAezRNnordRXLuFr0GpphhimXR1zkyGK



LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x6 DF No.2 *Except*
 9-12: 2x4 DF No.1&Btr
WEBS 2x4 HF Std

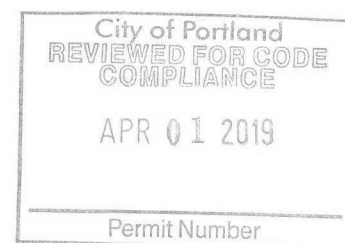
BRACING- TOP CHORD	Structural wood sheathing directly applied or 3-6-15 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 3-13. 6-9

REACTIONS. (lb/size) 13=1181/Mechanical, 9=1244/0-5-8
Max Horz 13=88(LC 11)
Max Uplift 13=-158(LC 8), 9=-175(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-2524/302, 4-6=-2399/289, 7-9=-304/93
BOT CHORD 11-13=-297/2260, 10-11=-370/2806, 9-10=-269/2063
WEBS 3-13=-2307/352, 3-11=0/470, 4-11=-340/125, 4-10=-487/146, 6-10=0/570,
6-9=-2179/315

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 26-0-7 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=158, 9=175.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



EXPIRES: 12-31-2019
February 15, 2019

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

WARNING: Verify design parameters and READ NOTES ON THIS AND INCLUDED MITER REFERENCE PAGE MM-1413 (rev. 10/03/2015) BEFORE USE.

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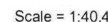
250 Klug Circle
Corona, CA 92880

K5735079

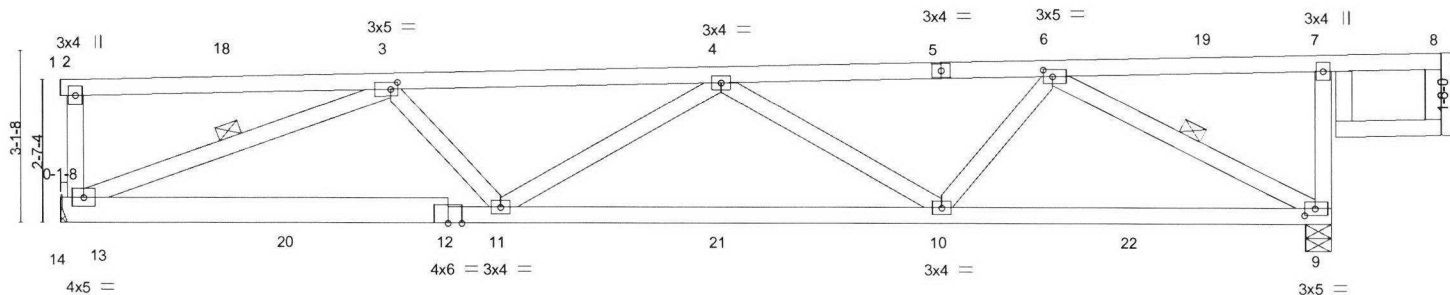
Job Reference (optional)

8 240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:46 2019 Page 1

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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 12

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LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x6 DF No.2 *Except*
9-12: 2x4 DF No.1&Btr
WEBS 2x4 HF Std *Except*
15-16: 2x4 DF No.2

BRACING- TOP CHORD	Structural wood sheathing directly applied or 3-11-5 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 3-13/ 6-9

REACTIONS. (lb/size) 13=1081/Mechanical, 9=1229/0-5-8
Max Horz 13=87(LC 11)
Max Uplift 13=-144(LC 8), 9=-184(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 3-4=-2153/250, 4-6=-1879/220, 7-9=-362/114
BOT CHORD 11-13=-259/1929, 10-11=-311/2362, 9-10=-186/1520
WEBS 3-13=-1988/302, 3-11=0/430, 4-11=-254/117, 4-10=-579/158, 6-10=0/593,
6-9=-1722/246

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf, BCDL=6.0psf, h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 25-0-7 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 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) Refer to girder(s) for truss to truss connections.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 13=144, 9=184.
- 9) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.



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February 15, 2019

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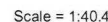
250 Klug Circle
Corona, CA 92880

K5735080

Job Reference (optional)

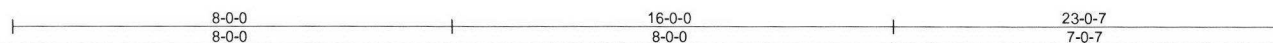
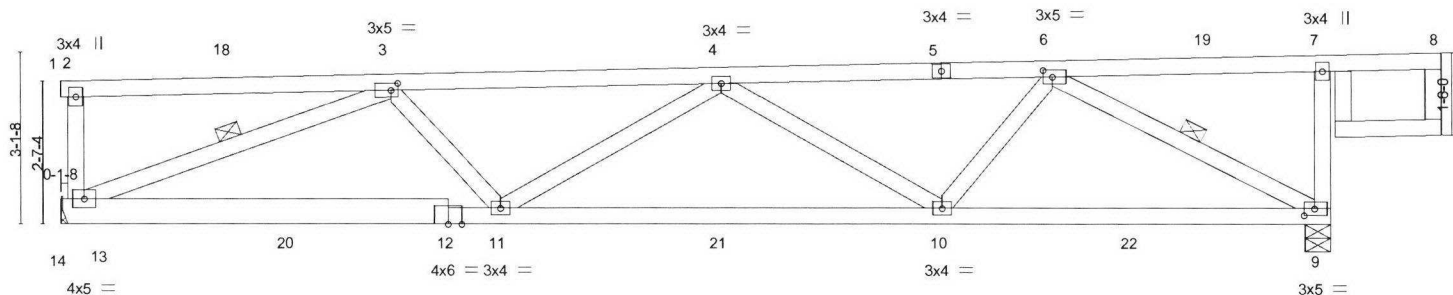
8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:47 2019 Page 1

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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

0.25 [12]



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 0.67	Vert(LL)	-0.26 10-11	>999	240	MT20	185/148
(Roof Snow=25.0)		Lumber DOL 1.15	BC 0.83	Vert(CT)	-0.40 10-11	>679	180		
TCDL 12.0		Rep Stress Incr YES	WB 0.47	Horz(CT)	0.05 9	n/a	n/a		
BCLL 0.0 *		Code IRC2015/TPI2014	Matrix-S					Weight: 111 lb	FT = 0%
BCDL 10.0									

LUMBER-

TOP CHORD	2x4 DF No.2
BOT CHORD	2x6 DF No.2 *Except*
	9-12: 2x4 DF No.1&Btr
WEBS	2x4 HF Std *Except*
	15-16: 2x4 DF No.2

BRACING-

TOP CHORD	Structural wood sheathing directly applied or 3-11-5 oc purlins, except end verticals.
BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	1 Row at midpt 3-13'-6-9'

REACTIONS.

(lb/size) 13=1081/Mechanical, 9=1229/0-5-8
Max Horz 13=87(LC 11)
Max Uplift 13=-144(LC 8), 9=-184(LC 8)

FORCES.

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

TOP CHORD	3-4=-2153/250, 4-6=-1879/220, 7-9=-362/114
BOT CHORD	11-13=-259/1929, 10-11=-311/2362, 9-10=-186/1520
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- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCdL=4.2psf, BCdL=6.0psf, h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-0-0 to 3-0-0, Interior(1) 3-0-0 to 25-0-7 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) This truss has been designed for greater of min roof live load of 20.0 psf or 2.0 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 4) Provide adequate drainage to prevent water ponding.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
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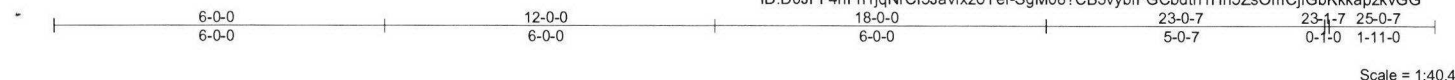


250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss B19	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH	K5735081
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

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MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

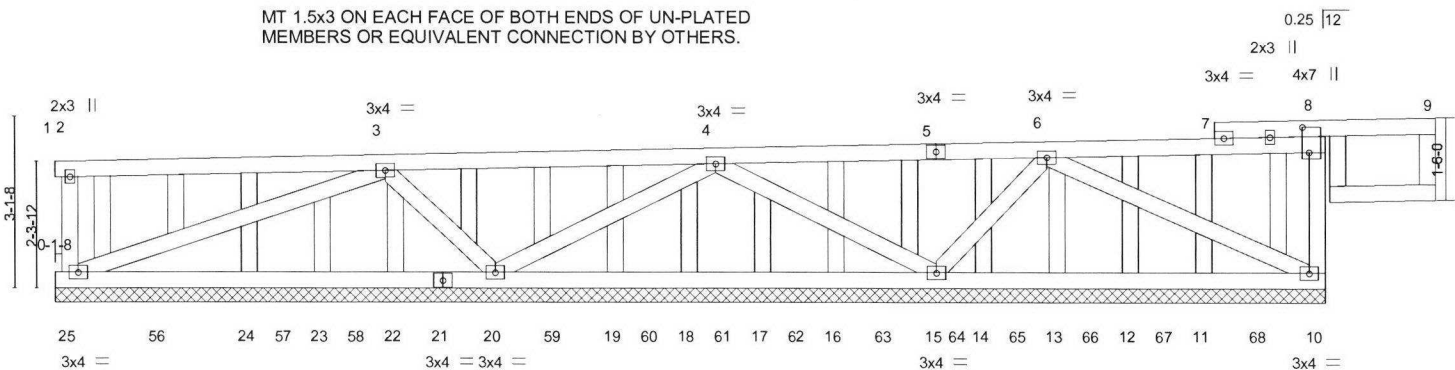


Plate Offsets (X,Y)--	[7'-0-0-1,0-0-0], [8'-0-5-9,0-1-8]
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LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.52 BC 0.29 WB 0.22 Matrix-S	Vert(LL) 0.00 Vert(CT) -0.01 Horz(CT) 0.00	8 9 10	n/r n/r n/a	120 90 n/a	MT20	185/148
TCDL 12.0	Rep Stress Incr YES							
BCLL 0.0 *	Code IRC2015/TPI2014							
BCDL 10.0							Weight: 140 lb	FT = 0%

LUMBER-
TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
26-27: 2x4 DF No.2
OTHERS 2x4 HF Std

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

REACTIONS. All bearings 23-0-7.
(lb) - Max Horz 1=88(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 18, 22, 17, 14, 13, 12 except
25=-231(LC 8), 10=-106(LC 12), 20=-186(LC 8), 15=-172(LC 8), 23=-111(LC 25),
1=-450(LC 1)
Max Grav All reactions 250 lb or less at joint(s) 1 except 25=746(LC 1), 10=402(LC
1), 20=671(LC 1), 15=603(LC 1), 18=273(LC 45), 19=288(LC 44), 22=284(LC 42),
23=258(LC 41), 24=313(LC 40), 17=275(LC 46), 16=283(LC 47), 14=267(LC 49),
13=280(LC 50), 12=271(LC 51), 11=291(LC 52)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-25=-672/247, 8-10=-369/126
WEBS 3-20=-538/194, 4-20=-477/168, 4-15=-443/158, 6-15=-461/160

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-0-0 to 3-0-0, Exterior(2) 3-0-0 to 25-0-7 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1'-4" oc.
- 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'-6" tall by 2'-0" wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 22, 17, 14, 13, 12 except (jt=lb) 25=231, 10=106, 20=186, 15=172, 23=111, 1=450.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.

Continued on page 2



EXPIRES: 12-31-2019
February 15, 2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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/TPI1 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	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735081
19-OT0360	B19	GABLE	1	1	Job Reference (optional)	

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

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NOTES-

- 12) No notches allowed in overhang and 0 from left end and 20000 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.

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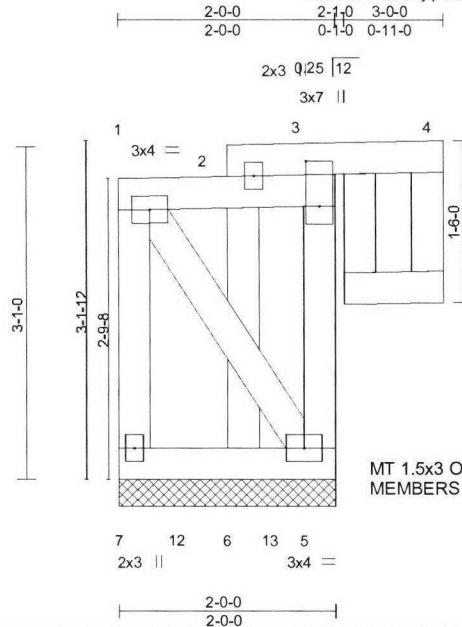
250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss B21	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH K5735083
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

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ID: D0JFF4nFh1qNrCI5JavfxoYef-O3UmZhERbXCJuZQaj2vF6inW9f6YgfVZ3eDrfhzkvGE



Scale = 1:20.6

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0 Plate Grip DOL 1.15	TC 0.20	Vert(LL) 0.00	3	n/r	120	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.08	Vert(CT) -0.00	4	n/r	90		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.07	Horz(CT) -0.00	5	n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 22 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
8-9: 2x4 DF No.2
OTHERS 2x4 HF Std

BRACING-

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

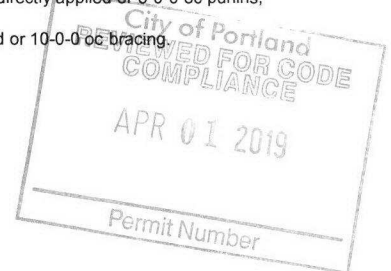
REACTIONS.

(lb/size) 7=43/2-0-0, 5=181/2-0-0, 6=22/2-0-0
Max Horz 7=88(LC 9)
Max Uplift 7=-53(LC 8), 5=-112(LC 9)
Max Grav 7=269(LC 27), 5=311(LC 29), 6=272(LC 28)

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 B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 5=112.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) No notches allowed in overhang and 0 from left end and 10000 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.



EXPIRES: 12-31-2019
February 15, 2019

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MiTek

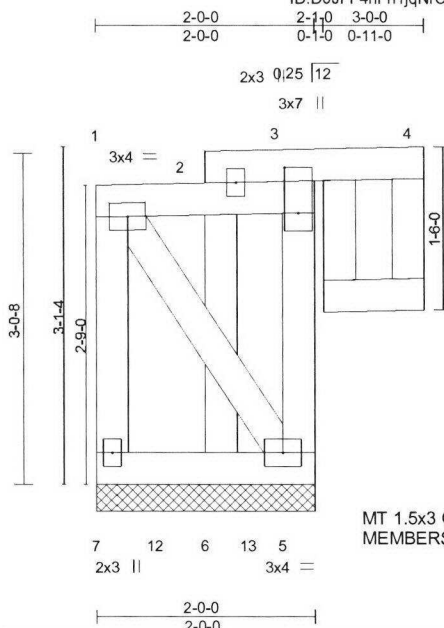
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735084
19-OT0360	B22	GABLE	1	1		

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

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Scale = 1:20.4

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

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

LOADING (psf)	SPACING-	CSL	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.19	Vert(LL) 0.00	3	n/r	120	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.08	Vert(CT) -0.00	4	n/r	90		
TCDL 12.0	Lumber DOL 1.15	WB 0.07	Horz(CT) -0.00	5	n/a	n/a		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-P						
BCDL 10.0	Code IRC2015/TPI2014						Weight: 22 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
8-9: 2x4 DF No.2
OTHERS 2x4 HF Std

BRACING-

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

REACTIONS. (lb/size) 7=43/2-0-0, 5=181/2-0-0, 6=22/2-0-0
Max Horz 7=87(LC 9)
Max Uplift 7=-51(LC 8), 5=-110(LC 9)
Max Grav 7=269(LC 27), 5=311(LC 29), 6=272(LC 28)

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 B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 5=110.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) No notches allowed in overhang and 0 from left end and 10000 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.



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February 15, 2019

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MiTek

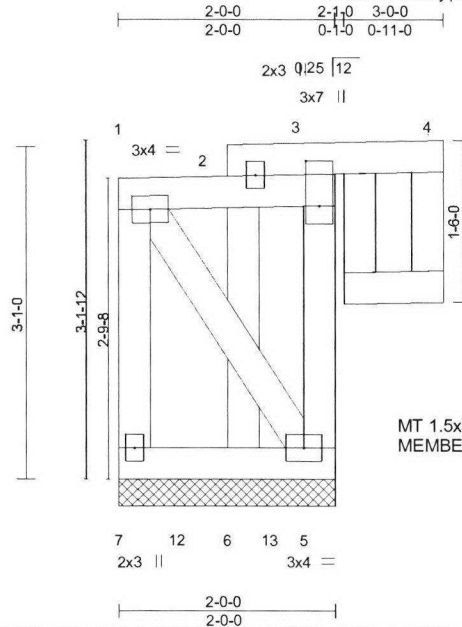
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735085
19-OT0360	B23	GABLE	1	1		

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

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Scale = 1:20.6

MT 1.5x3 ON EACH FACE OF BOTH ENDS OF UN-PLATED MEMBERS OR EQUIVALENT CONNECTION BY OTHERS.

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.20	Vert(LL) 0.00	3	n/r	120	MT20	185/148
TCDL 12.0	Plate Grip DOL 1.15	BC 0.08	Vert(CT) -0.00	4	n/r	90		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.07	Horz(CT) -0.00	5	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P					Weight: 22 lb	FT = 0%
	Code IRC2015/TPI2014							

LUMBER-

TOP CHORD 2x4 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std *Except*
8-9: 2x4 DF No.2
OTHERS 2x4 HF Std

BRACING-

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

REACTIONS.

(lb/size) 7=43/2-0-0, 5=181/2-0-0, 6=22/2-0-0
Max Horz 7=88(LC 9)
Max Uplift 7=-53(LC 8), 5=-112(LC 9)
Max Grav 7=269(LC 27), 5=311(LC 29), 6=272(LC 28)

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 B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) This truss has been designed for greater of min roof live load of 20.0 psf or 2.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
- 5) Provide adequate drainage to prevent water ponding.
- 6) Gable requires continuous bottom chord bearing.
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 7 except (jt=lb) 5=112.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) No notches allowed in overhang and 0 from left end and 10000 from right end or 12" along rake from scarf, whichever is larger. Minimum 1.5x4 tie plates required at 2-0-0 o.c. maximum between the stacking chords. For edge-wise notching, provide at least one tie plate between each notch.



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February 15,2019

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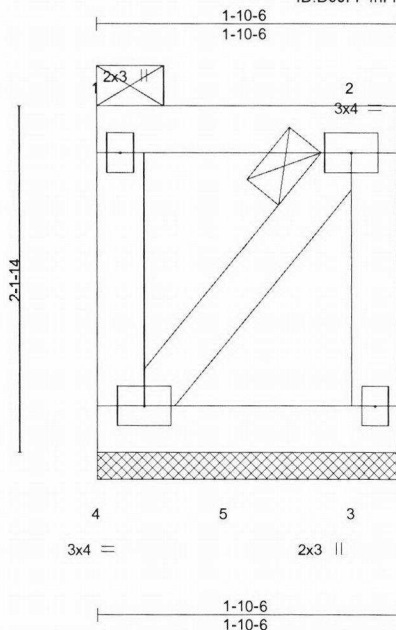
MiTek

250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss BP01	Truss Type ROOF SPECIAL SUPPORT	Qty 19	Ply 1	4-Plex SW 58TH K5735086
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:53 2019 Page 1
ID:D0JFF4nFh1jqNrCl5JavfxzoYef-KSbX_MFh78S18sazqTxjC7ssJTnZ8XgsWyyijazkvGC



Scale = 1:13.8

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.16	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Plate Grip DOL 1.15	BC 0.17	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.15	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P					Weight: 11 lb	FT = 0%
	Code IRC2015/TPI2014							

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=74/1-10-6, 3=74/1-10-6
Max Horz 4=57(LC 32)
Max Uplift 4=-296(LC 30), 3=-296(LC 33)
Max Grav 4=302(LC 37), 3=302(LC 34)

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

TOP CHORD 2-3=-350/377
WEBS 2-4=-421/421

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1'-4-0 oc.
- 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'-6-0 tall by 2'-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=296, 3=296.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



EXPIRES: 12-31-2019
February 15, 2019

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

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ANSI/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

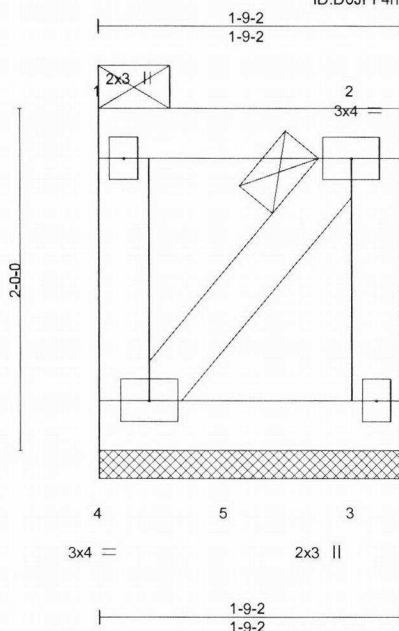


250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss BP02	Truss Type ROOF SPECIAL SUPPORT	Qty 1	Ply 1	4-Plex SW 58TH K5735087
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:54 2019 Page 1
ID:DOJFF4nFh1jqNrCl5JavfzoYef-oe9vBiGKuSaul099OATykLP1It70t_7?lcSVF0zkvGB



Scale = 1:13.0

LOADING (psf)	SPACING-	CSL.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.14	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Plate Grip DOL 1.15	BC 0.16	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.14	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P					Weight: 10 lb	FT = 0%
	Code IRC2015/TPI2014							

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

(lb/size) 4=69/1-9-2, 3=69/1-9-2
Max Horz 4=-53(LC 31)
Max Uplift 4=-270(LC 30), 3=-270(LC 33)
Max Grav 4=282(LC 63), 3=282(LC 64)

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

TOP CHORD 2-3=-320/345
WEBS 2-4=-387/387

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=270, 3=270.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-9-2 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



EXPIRES: 12-31-2019
February 15, 2019

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

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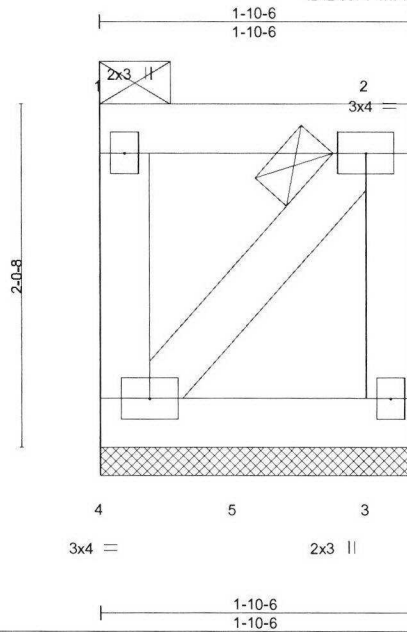


250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss BP03	Truss Type ROOF SPECIAL SUPPORT	Qty 10	Ply 1	4-Plex SW 58TH K5735088
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:55 2019 Page 1
ID:D0JFF4nFh1jqNrCI5JavfxzoYef-HqjHP2HyfllNAkMyu_BHYxC_HT1cRi9_FB3oSzkvGA



Scale = 1:13.2

LOADING (psf)	SPACING-	CSI.	DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.14	Vert(LL)	n/a	-	n/a	999	MT20	185/148
TCDL 12.0	Plate Grip DOL 1.15	BC 0.17	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.15	Horz(CT)	-0.00	3	n/a	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P						Weight: 11 lb	FT = 0%
	Code IRC2015/TPI2014								

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

(lb/size) 4=74/1-10-6, 3=74/1-10-6
Max Horz 4=-54(LC 30)
Max Uplift 4=-276(LC 30), 3=-276(LC 33)
Max Grav 4=285(LC 63), 3=285(LC 64)

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

TOP CHORD 2-3=-327/353
WEBS 2-4=-400/400

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=276, 3=276.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



EXPIRES: 12-31-2019
February 15, 2019

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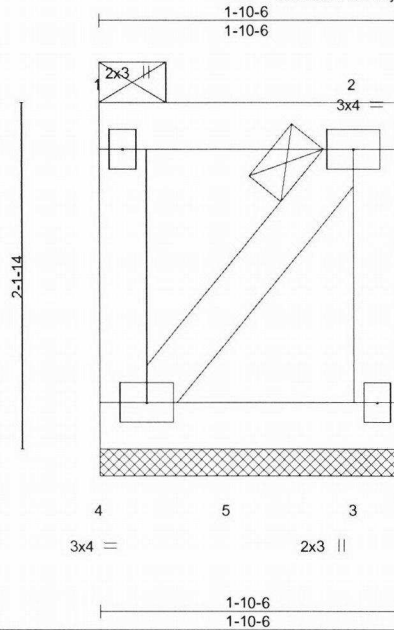
MiTek
250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss BP04	Truss Type ROOF SPECIAL SUPPORT	Qty 10	Ply 1	4-Plex SW 58TH K5735089
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:56 2019 Page 1

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Scale = 1:13.8

LOADING (psf)	SPACING-	2-0-0	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	Plate Grip DOL	1.15	TC 0.16	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Lumber DOL	1.15	BC 0.17	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.15	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TPI2014		Matrix-P					Weight: 11 lb	FT = 0%

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

(lb/size) 4=74/1-10-6, 3=74/1-10-6
Max Horz 4=57(LC 32)
Max Uplift 4=296(LC 30), 3=296(LC 33)
Max Grav 4=302(LC 37), 3=302(LC 34)

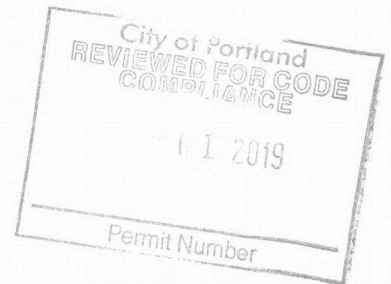
FORCES.

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

TOP CHORD 2-3=-350/377
WEBS 2-4=-421/421

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=296, 3=296.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



EXPIRES: 12-31-2019
February 15, 2019

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MiTek

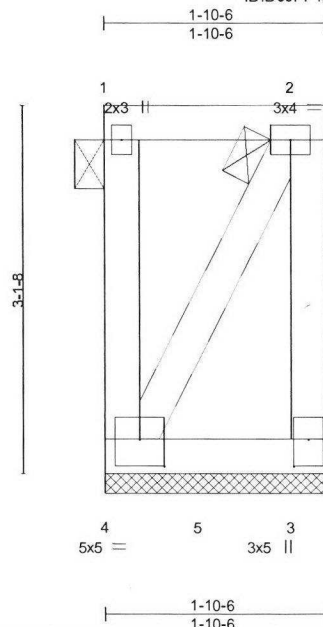
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735090
19-OT0360	BP05	ROOF SPECIAL SUPPORT	5	1		
Job Reference (optional)						

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

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:57 2019 Page 1

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Scale = 1:18.8

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.30	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.17	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.23	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 14 lb	FT = 0%

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

BRACING-
TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=74/1-10-8, 3=74/1-10-8
Max Horz 4=87(LC 33)
Max Uplift 4=471(LC 30), 3=471(LC 33)
Max Grav 4=477(LC 37), 3=477(LC 34)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-235/250, 2-3=-572/598
WEBS 2-4=-621/621

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=471, 3=471.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



EXPIRES: 12-31-2019
February 15, 2019

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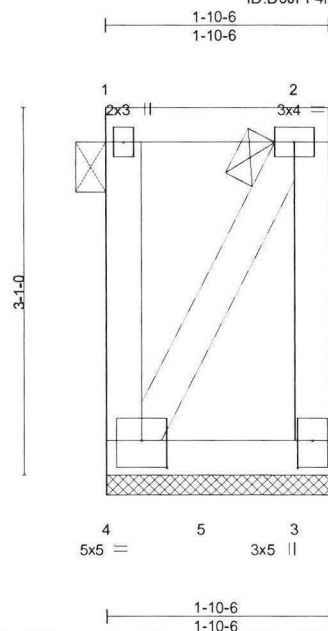
MiTek
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735091
19-OT0360	BP06	ROOF SPECIAL SUPPORT	5	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:58 2019 Page 1

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Scale = 1:18.6

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.30	Vert(LL)	n/a	-	999	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.17	Vert(CT)	n/a	-	999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.22	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 14 lb	FT = 0%

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

(lb/size) 4=74/1-10-6, 3=74/1-10-6
Max Horz 4=-86(LC 34)
Max Uplift 4=-463(LC 30), 3=-463(LC 33)
Max Grav 4=470(LC 37), 3=470(LC 34)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-563/589
WEBS 2-4=-613/613

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed on one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=463, 3=463.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



EXPIRES: 12-31-2019
February 15, 2019

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MiTek

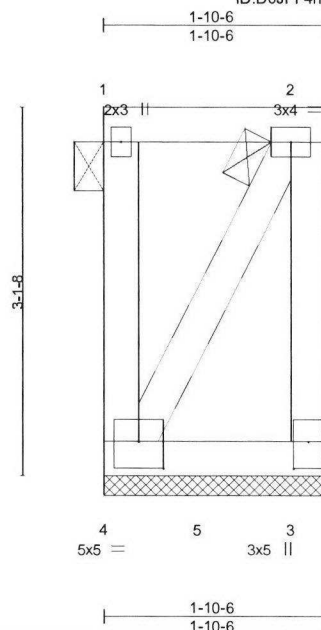
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735092
19-OT0360	BP07	ROOF SPECIAL SUPPORT	5	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:58 2019 Page 1

ID:D0JFF4nFh1jqNrC15JavfxoYef-hPPQ14Jqyg4KEdTwD0XuvBZhmUUkpnbgDQjOnzkvG7



Scale = 1:18.8

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.30	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.17	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.23	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 14 lb	FT = 0%

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

(lb/size) 4=74/1-10-8, 3=74/1-10-8
Max Horz 4=87(LC 33)
Max Uplift 4=471(LC 30), 3=471(LC 33)
Max Grav 4=477(LC 37), 3=477(LC 34)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-235/250, 2-3=-572/598
WEBS 2-4=-621/621

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=471, 3=471.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



EXPIRES: 12-31-2019
February 15, 2019

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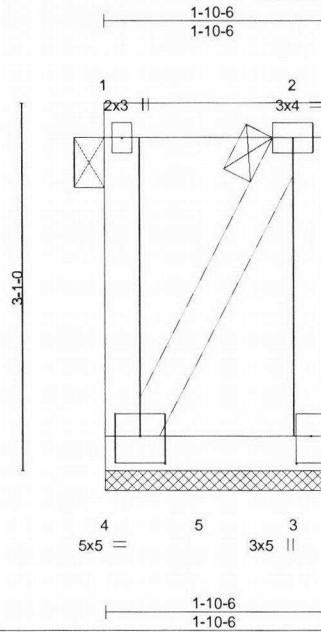
MiTek

250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss BP08	Truss Type ROOF SPECIAL	Qty 5	Ply 1	4-Plex SW 58TH	K5735093
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:37:59 2019 Page 1
ID:D0JFF4nFh1jqNrC15JavfxzoYef-9bzoFQKSj_CAsn17Bj27RO6sruqzYEC1v9GxDzkvG6



Scale = 1:18.6

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0 Plate Grip DOL 1.15	TC 0.28	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.17	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.22	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 14 lb	FT = 0%

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

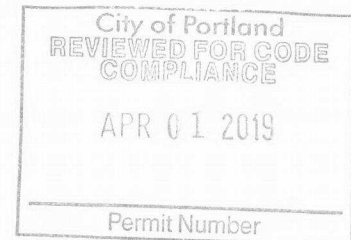
(lb/size) 4=74/1-10-6, 3=74/1-10-6
Max Horz 4=-86(LC 31)
Max Uplift 4=-463(LC 30), 3=-463(LC 33)
Max Grav 4=469(LC 37), 3=469(LC 34)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-542/548
WEBS 2-4=-589/589

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) Provide adequate drainage to prevent water ponding.
- 4) Gable requires continuous bottom chord bearing.
- 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) except (jt=lb) 4=463, 3=463.
- 8) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 9) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 10) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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February 15, 2019

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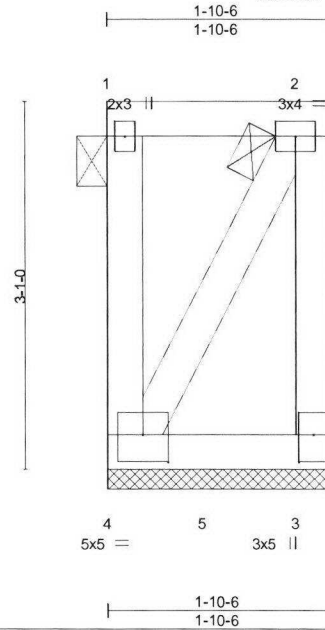
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735094
19-OT0360	BP09	ROOF SPECIAL SUPPORT	9	1		

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:00 2019 Page 1

ID:D0JFF4nFh1qNrCi5JavfxzoYef-doWASmL4UIK1UxcJIRaM_cf1LIACHhJu7XvqTgzkvG5



Scale = 1:18.6

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0 Plate Grip DOL 1.15	TC 0.30	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.17	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.22	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 14 lb	FT = 0%

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

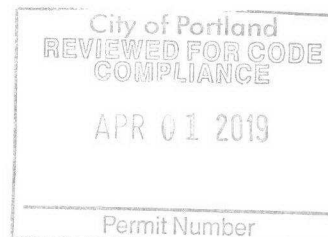
(lb/size) 4=74/1-10-6, 3=74/1-10-6
Max Horz 4=-86(LC 8)
Max Uplift 4=-463(LC 30), 3=-463(LC 33)
Max Grav 4=469(LC 37), 3=469(LC 34)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-562/588
WEBS 2-4=-612/612

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=463, 3=463.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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February 15, 2019

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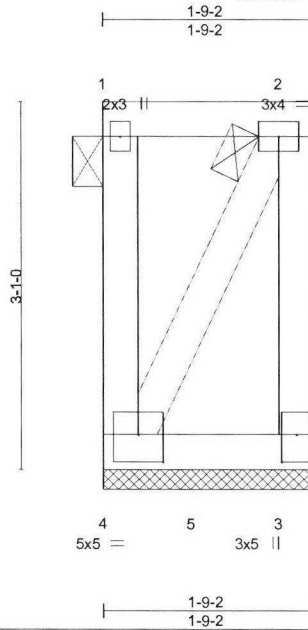
250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss BP10	Truss Type ROOF SPECIAL SUPPORT	Qty 1	Ply 1	4-Plex SW 58TH K5735095
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:01 2019 Page 1

ID:D0JFF4nFh1jqNrCI5JavfxzoYef-5_4Yf6MjEbSu55BVl85bWpBC2hWf08Y1MBen?6zkg4



Scale = 1:18.6

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.30	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Lumber DOL 1.15	BC 0.16	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.23	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 14 lb	FT = 0%

LUMBER-

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

BRACING-

TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

(lb/size) 4=69/1-9-2, 3=69/1-9-2
Max Horz 4=-86(LC 35)
Max Uplift 4=-468(LC 30), 3=-468(LC 33)
Max Grav 4=473(LC 37), 3=473(LC 34)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-571/596
WEBS 2-4=-615/615

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed on one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=468, 3=468.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-9-2 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



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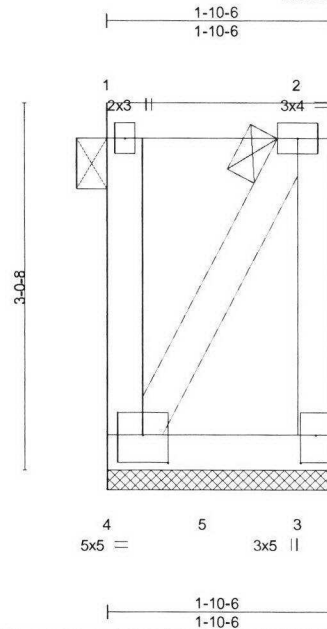
MiTek

250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735096
19-OT0360	BP11	ROOF SPECIAL SUPPORT	10	1		

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

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:02 2019 Page 1
ID:D0JFF4nFh1jqNrCl5JavfzoYef-ZAewtRML?valjFmisscq31kNx5sglbtBbrOwXYzkvG3



Scale = 1:18.4

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

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.29	Vert(LL)	n/a	-	n/a	MT20	185/148
TCDL 12.0	Plate Grip DOL 1.15	BC 0.17	Vert(CT)	n/a	-	n/a		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.22	Horz(CT)	-0.00	3	n/a		
BCDL 10.0	Rep Stress Incr YES	Matrix-P					Weight: 14 lb	FT = 0%
	Code IRC2015/TPI2014							

LUMBER-

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

BRACING-

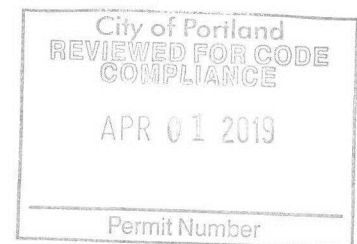
TOP CHORD 2-0-0 oc purlins: 1-2, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. (lb/size) 4=74/1-10-6, 3=74/1-10-6
Max Horz 4=-85(LC 8)
Max Uplift 4=-455(LC 30), 3=-455(LC 33)
Max Grav 4=461(LC 37), 3=461(LC 34)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-552/578
WEBS 2-4=-602/602

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(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
- 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 4=455, 3=455.
- 11) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 12) This truss has been designed for a total drag load of 135 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-10-6 for 135.0 plf.
- 13) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.



EXPIRES: 12-31-2019
February 15, 2019

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MiTek

250 Klug Circle
Corona, CA 92880

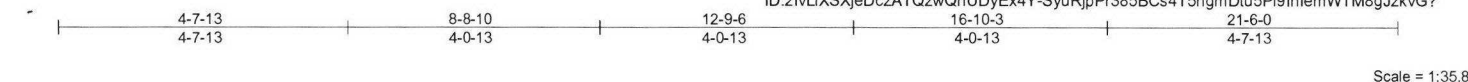
Job 19-OT0360	Truss C01-DT- Cond1	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH K5735097
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

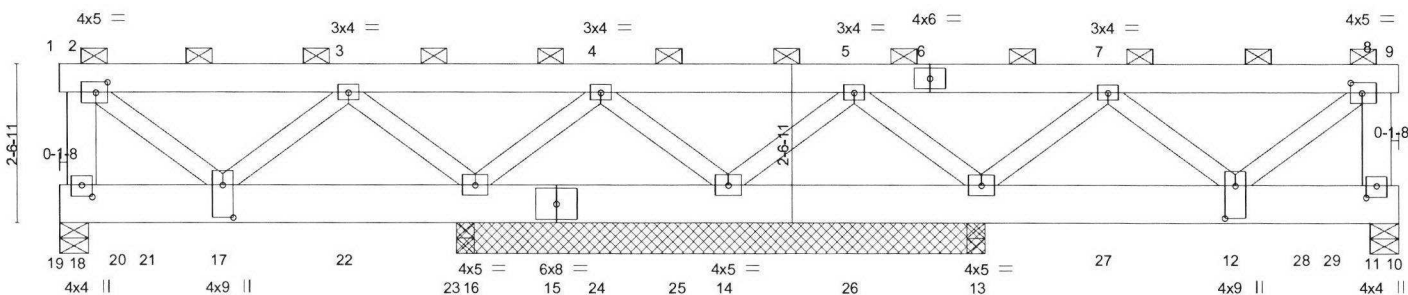
8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:06 2019 Page 1

ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-SyuRjpPr385BCs4T5hgmDtu5PI9IhlemWTM8gJzkvG?

Job Reference (optional)



Scale = 1:35.8



2-7-6	6-4-8	6-8-3	10-7-8	10-9-0	14-9-13	14-10-8	18-10-10	21-6-0
2-7-6	3-9-2	0-3-11	3-11-5	0-1-8	4-0-13	0-0-11	4-0-2	2-7-6
Plate Offsets (X,Y)-- [2-0-2-4,0-2-0], [8-0-2-4,0-2-0], [11-0-2-4,0-2-0], [12-0-6-4,0-2-0], [17-0-6-4,0-2-0], [18-0-2-4,0-2-0]								
LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL 1.15	TC 0.13	Vert(LL) -0.01 12-13	>999	240		MT20	185/148
(Roof Snow=25.0)	Lumber DOL 1.15	BC 0.39	Vert(CT) -0.03 12-13	>999	180			
TCDL 12.0	Rep Stress Incr NO	WB 0.68	Horz(CT) 0.00 11	n/a	n/a			
BCLL 0.0 *	Code IRC2015/TPI2014	Matrix-R						
BCDL 10.0							Weight: 284 lb	FT = 0%

LUMBER-

TOP CHORD 2x6 DF 1800F 1.6E
BOT CHORD 2x8 DF SS
WEBS 2x4 HF Std *Except*
2-18,8-11: 2x6 DF 1800F 1.6E

BRACING-

TOP CHORD 2-0-0 oc purlins (6-0-0 max.): 1-9, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

[MCT]

REACTIONS.

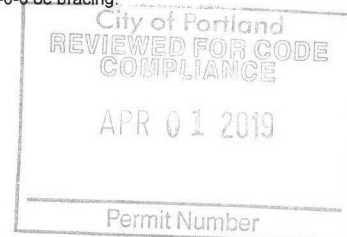
All bearings 8-6-0 except (jt=length) 18=0-5-8, 11=0-5-8.
(lb) - Max Horz 18=184(LC 22)
Max Uplift All uplift 100 lb or less at joint(s) except 18=283(LC 4), 11=287(LC 5), 16=500(LC 5), 14=324(LC 5), 13=515(LC 4)
Max Grav All reactions 250 lb or less at joint(s) except 18=3669(LC 16), 11=3818(LC 15), 16=6870(LC 15), 16=6697(LC 1), 14=4369(LC 15), 13=7174(LC 16), 13=6989(LC 1)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=-2066/177, 2-3=-2438/162, 3-4=-648/1063, 4-5=-542/804, 5-7=-622/1061, 7-8=-2509/175, 8-11=-2134/176
BOT CHORD 17-18=-307/536, 16-17=-502/1394, 14-16=-2025/1785, 13-14=-2058/1813, 12-13=-324/1299, 11-12=-486/698
WEBS 2-17=-166/2803, 3-17=-301/2146, 3-16=-2453/269, 4-16=-1149/927, 4-14=-1022/992, 5-14=-1011/987, 5-13=-1147/916, 7-13=-2523/257, 7-12=-288/2220, 8-12=-167/2903

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-8-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; 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
- TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 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 283 lb uplift at joint 18, 287 lb uplift at joint 11, 500 lb uplift at joint 16, 324 lb uplift at joint 14 and 515 lb uplift at joint 13.
- This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- This truss has been designed for a total seismic drag load of 312 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to continuous drag plate along bottom chord from 0-0-0 to 1-0-0, 6-4-8 to 14-10-8, 20-6-0 to 21-6-0 for 638.9 plf.



EXPIRES: 12-31-2019
February 15, 2019

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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 BCS Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss C01-DT- Cond1	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH Job Reference (optional)	K5735097
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:07 2019 Page 2

ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-w8Rpw9QTqRD2p0fffPC?m4RG86VXQluwk75hDmzkvG_

NOTES-

- 11) Girder carries tie-in span(s): 26-9-11 from 0-0-0 to 21-6-0; 23-0-11 from 0-0-0 to 10-0-0; 25-0-11 from 10-0-0 to 21-6-0
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-74, 2-8=-74, 8-9=-74, 19-25=-1076(F=-484, B=-572), 10-25=-1123(F=-531, B=-572)



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

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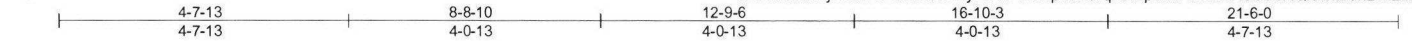
250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss C01-DT- Cond2	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH Job Reference (optional)	K5735097
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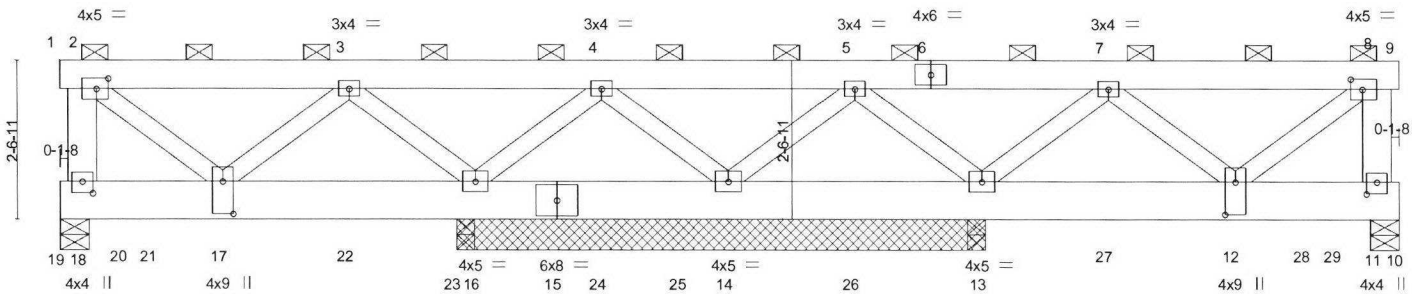
Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:07 2019 Page 1

ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-w8Rpw9QTgRD2p0ffPC?m4RG86VXQluwk75hDmzkvG_



Scale = 1:35.8



2-7-6	6-4-8	6-8-3	10-7-8	10-9-0	14-9-13	14-10-8	18-10-10	21-6-0
2-7-6	3-9-2	0-3-11	3-11-5	0-1-8	4-0-13	0-0-11	4-0-2	2-7-6

Plate Offsets (X,Y)-- [2-0-2-4,0-2-0], [8-0-2-4,0-2-0], [11-0-2-4,0-2-0], [12-0-6-4,0-2-0], [17-0-6-4,0-2-0], [18-0-2-4,0-2-0]								
LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL 1.15	TC 0.13	Vert(LL) -0.01	12-13	>999	240	MT20	185/148
(Roof Snow=25.0)	Lumber DOL 1.15	BC 0.39	Vert(CT) -0.03	12-13	>999	180		
TCDL 12.0	Rep Stress Incr NO	WB 0.68	Horz(CT) 0.00	11	n/a	n/a		
BCLL 0.0 *	Code IRC2015/TPI2014	Matrix-R						
BCDL 10.0							Weight: 284 lb	FT = 0%

LUMBER-	BRACING-	[MCT]
TOP CHORD 2x6 DF 1800F 1.6E	TOP CHORD 2-0-0 oc purlins (6-0-0 max.): 1-9, except end verticals.	
BOT CHORD 2x8 DF SS	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.	
WEBS 2x4 HF Std *Except*		
2-18,8-11: 2x6 DF 1800F 1.6E		

REACTIONS. All bearings 8-6-0 except (jt=length) 18=0-5-8, 11=0-5-8.
 (lb) - Max Horz 18=180(LC 22)
 Max Uplift All uplift 100 lb or less at joint(s) except 18=-283(LC 4), 11=-287(LC 5), 16=-500(LC 5), 14=-324(LC 5), 13=-515(LC 4)
 Max Grav All reactions 250 lb or less at joint(s) except 18=3669(LC 16), 11=3818(LC 15), 16=6870(LC 15), 16=6697(LC 1), 14=4369(LC 15), 13=7174(LC 16), 13=6989(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-18=-2057/177, 2-3=-2426/162, 3-4=-631/1050, 4-5=-528/789, 5-7=-605/1048, 7-8=-2498/175, 8-11=-2125/176
 BOT CHORD 17-18=-299/529, 16-17=-485/1381, 14-16=-1983/1743, 13-14=-2015/1771, 12-13=-311/1289, 11-12=-473/685
 WEBS 2-17=-166/2790, 3-17=-282/2132, 3-16=-2439/250, 4-16=-1126/905, 4-14=-1000/969, 5-14=-988/965, 5-13=-1125/894, 7-13=-2508/238, 7-12=-269/2206, 8-12=-167/2890

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
 Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-8-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; 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
 - TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 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 283 lb uplift at joint 18, 287 lb uplift at joint 11, 500 lb uplift at joint 16, 324 lb uplift at joint 14 and 515 lb uplift at joint 13.
 - This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
 - This truss has been designed for a total seismic drag load of 305 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to continuous drag plates along bottom chord from 0-0-0 to 1-0-0, 6-4-8 to 14-10-8, 20-6-0 to 21-6-0 for 624.5 plf.



Job 19-OT0360	Truss C01-DT- Cond2	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH Job Reference (optional)	K5735097
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:07 2019 Page 2

ID:2lvLIXSXjeDczATQzwQnUDyEx4Y-w8Rpw9QTqRD2p0fffPC?m4RG86VXQluwk75hDmzkvG_

NOTES-

- 11) Girder carries tie-in span(s): 26-9-11 from 0-0-0 to 21-6-0; 23-0-11 from 0-0-0 to 10-0-0; 25-0-11 from 10-0-0 to 21-6-0
 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-74, 2-8=-74, 8-9=-74, 19-25=-1076(F=-484, B=-572), 10-25=-1123(F=-531, B=-572)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss C02-DT- Cond1	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH Job Reference (optional)	K5735098
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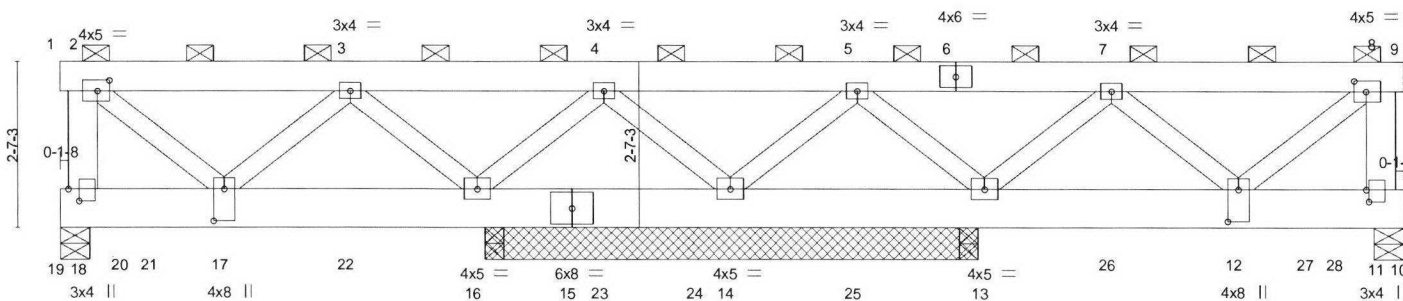
Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:13 2019 Page 1

ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-lp5BCVEQHxBXx6p?glP0LhXZrqT0o73Y0PQzkvFu



Scale = 1:34.8



4-6-8	6-7-12	8-6-1	10-5-15	12-5-9	14-4-2	16-5-2	20-11-10
4-6-8	2-1-4	1-10-5	1-11-14	1-11-10	1-10-9	2-1-0	4-6-8

Plate Offsets (X,Y)-- [2:0-2-4,0-2-0], [8:0-2-4,0-2-0], [11:0-2-4,0-0-8], [12:0-6-0,0-2-0], [17:0-6-0,0-2-0], [18:0-2-4,0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.11	Vert(LL) -0.01	12-13	>999	240	MT20	185/148
TCDL 12.0	Plate Grip DOL 1.15	BC 0.33	Vert(CT) -0.02	12-13	>999	180		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.58	Horz(CT) 0.00	14	n/a	n/a		
BCDL 10.0	Rep Stress Incr NO	Matrix-R						
	Code IRC2015/TPI2014						Weight: 278 lb	FT = 0%

LUMBER-
TOP CHORD 2x6 DF 1800F 1.6E
BOT CHORD 2x8 DF SS
WEBS 2x4 HF Std *Except*
2-18,8-11: 2x6 DF 1800F 1.6E

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.): 1-9, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 14-16,13-14.

[MCT]

REACTIONS. All bearings 7-8-6 except (l=length) 18=0-5-8, 11=0-5-8.
(lb) - Max Horz 18=-399(LC 23)
Max Uplift All uplift 100 lb or less at joint(s) except 18=-828(LC 20), 11=-865(LC 21), 16=-584(LC 28),
14=-292(LC 28), 13=-572(LC 27)
Max Grav All reactions 250 lb or less at joint(s) except 18=3632(LC 41), 11=3801(LC 38), 16=6063(LC 39),
16=5823(LC 1), 14=3803(LC 39), 13=6342(LC 40), 13=6110(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=-2082/679, 2-3=-2349/836, 3-4=-862/1102, 4-5=-712/861, 5-7=-772/1019,
7-8=-2470/812, 8-11=-2175/708
BOT CHORD 17-18=-341/460, 16-17=-938/1410, 14-16=-2338/2101, 13-14=-2108/1868,
12-13=-661/1233, 11-12=-640/748
WEBS 2-17=-879/2822, 3-17=-868/2204, 3-16=-2387/1019, 4-16=-1090/1077, 4-14=-961/1060,
5-14=-970/1067, 5-13=-1106/1085, 7-13=-2486/1061, 7-12=-911/2307, 8-12=-919/2954

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-9-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; 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
- TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 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 828 lb uplift at joint 18, 865 lb uplift at joint 11, 584 lb uplift at joint 16, 292 lb uplift at joint 14 and 572 lb uplift at joint 13.
- This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- This truss has been designed for a total wind drag load of 312 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to continuous drag rods along bottom chord from 0-0-0 to 1-0-0, 6-7-12 to 14-4-12, 19-11-10 to 20-11-10 for 671.0 plf.



EXPIRES: 12-31-2019
February 15,2019

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MiTek
250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss C02-DT- Cond1	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH K5735098
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:14 2019 Page 2

ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-DUNTOYWsbB5295h?ZNqeYZETHxv4ZwGyLjIZyszkvFt

NOTES-

- 11) Girder carries tie-in span(s): 21-3-0 from 0-0-0 to 20-11-10; 23-1-0 from 0-0-0 to 10-0-0; 25-1-0 from 10-0-0 to 20-11-10
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-74, 2-8=-74, 8-9=-74, 19-24=-954(F=-489, B=-446), 10-24=-1001(F=-536, B=-446)



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

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Safety Information available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Scale = 1:34.8

Job 19-OT0360	Truss C02-DT- Cond2	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH Job Reference (optional)	K5735098
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:15 2019 Page 2

ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-hgwrCuWVxvDvnFGC74Lt5mmeRLFJINW5aN16UlkvFs

NOTES-

- 11) Girder carries tie-in span(s): 21-3-0 from 0-0-0 to 20-11-10; 23-1-0 from 0-0-0 to 10-0-0; 25-1-0 from 10-0-0 to 20-11-10
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-74, 2-8=-74, 8-9=-74, 19-24=-954(F=-489, B=-446), 10-24=-1001(F=-536, B=-446)

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

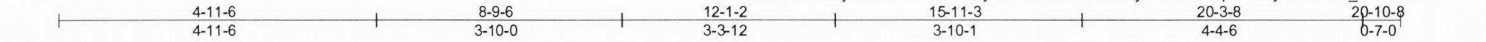


250 Klug Circle
Corona, CA 92880

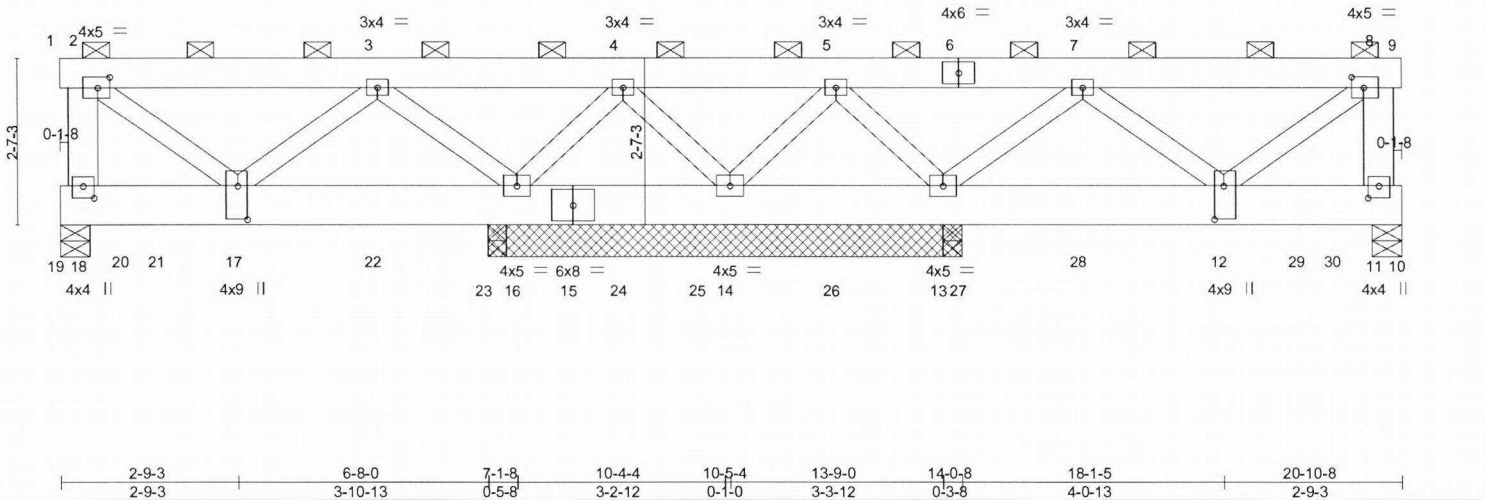
Job 19-OT0360	Truss C03-DT- Cond1	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH	K5735099
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:19 2019 Page 1
ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-aSAMRfa??7jLFsZzMWpPfcxJxybAE8JhV_?Kd3zkvFo



Scale = 1:34.7



2-9-3	6-8-0	7-1-8	10-4-4	10-5-4	13-9-0	14-0-8	18-1-5	20-10-8
2-9-3	3-10-13	0-5-8	3-2-12	0-1-0	3-3-12	0-3-8	4-0-13	2-9-3
Plate Offsets (X,Y)-- [2:0-2-4,0-2-0], [8:0-2-4,0-2-0], [11:0-2-4,0-2-0], [12:0-6-4,0-1-12], [17:0-6-4,0-1-12], [18:0-2-4,0-2-0]								
LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL 1.15	TC 0.14	Vert(LL) -0.02	12-13	>999	240	MT20	185/148
(Roof Snow=25.0)	Lumber DOL 1.15	BC 0.40	Vert(CT) -0.03	12-13	>999	180		
TCDL 12.0	Rep Stress Incr NO	WB 0.78	Horz(CT) 0.00	11	n/a	n/a		
BCLL 0.0 *	Code IRC2015/TPI2014	Matrix-R						
BCDL 10.0							Weight: 277 lb	FT = 0%

LUMBER-	BRACING-	[MCT]
TOP CHORD 2x6 DF 1800F 1.6E	TOP CHORD 2-0-0 oc purlins (6-0-0 max.): 1-9, except end verticals.	
BOT CHORD 2x8 DF SS	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.	
WEBS 2x4 HF Std *Except*		
2-18,8-11: 2x6 DF 1800F 1.6E		

REACTIONS. All bearings 7-4-8 except (jt=length) 18=0-5-8, 11=0-5-8.
(lb) - Max Horz 18=221(LC 22)
Max Uplift All uplift 100 lb or less at joint(s) except 18=301(LC 4), 11=306(LC 5), 16=505(LC 5), 14=222(LC 5), 13=521(LC 4)
Max Grav All reactions 250 lb or less at joint(s) except 18=3911(LC 16), 11=4072(LC 15), 16=7041(LC 15), 16=6854(LC 1), 14=2805(LC 15), 13=7347(LC 16), 13=7148(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=2252/193, 2-3=2701/185, 3-4=563/1145, 4-5=404/835, 5-7=508/1124, 7-8=2808/199, 8-11=2336/194
BOT CHORD 17-18=321/570, 16-17=500/1505, 14-16=1944/1576, 13-14=1876/1502, 12-13=301/1401, 11-12=535/763
WEBS 2-17=188/3138, 3-17=230/2401, 3-16=2707/243, 4-16=1132/921, 4-14=988/990, 5-14=984/996, 5-13=1140/915, 7-13=2796/240, 7-12=225/2495, 8-12=190/3263

- NOTES-**
- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-8-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; 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
 - TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
 - Provide adequate drainage to prevent water ponding.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 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 301 lb uplift at joint 18, 306 lb uplift at joint 11, 505 lb uplift at joint 16, 222 lb uplift at joint 14 and 521 lb uplift at joint 13.
 - This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
 - This truss has been designed for a total seismic drag load of 312 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to continuous drag plates along bottom chord from 0-0-0 to 1-0-0, 6-8-0 to 14-0-12, 19-10-8 to 20-10-8 for 693.2 plf.



EXPIRES: 12-31-2019
February 15,2019

Job 19-OT0360	Truss C03-DT- Cond1	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH Job Reference (optional)	K5735099
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8,240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:19 2019 Page 2
ID:2ivLiXSXjeDczATQzwQnUDyEx4Y-aSAMRFa??7jLFsZzMwPpFcxJxybAE8JhV_?Kd3zkvFo

NOTES-

- 11) Girder carries tie-in span(s): 26-9-15 from 0-0-0 to 20-10-8; 23-1-7 from 0-0-0 to 10-0-0; 25-1-7 from 10-0-0 to 20-10-8
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-74, 2-8=-74, 8-9=-74, 19-25=-1078(F=-486, B=-573), 10-25=-1125(F=-533, B=-573)



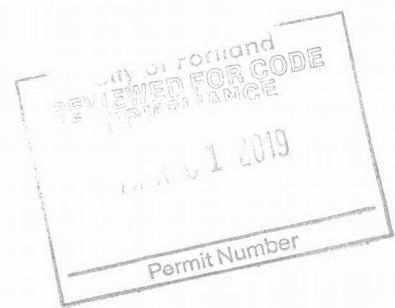
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-7473 rev. 10/03/2015 BEFORE USE.

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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:20 2019 Page 1
ID:2lWLiXSXjeDczATQzwQnUDYEx4Y-2ekkbadmRsCt089wew2ogUUQxMpZbzGkelt9WzkvFn



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

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250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss C03-DT- Cond2	Truss Type ROOF SPECIAL GIRDER	Qty 1	Ply 2	4-Plex SW 58TH K5735099
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:20 2019 Page 2
ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-2ekkfbadmRsCt089wew2oqUUgMxPzbZqkelt9WzkvFn

NOTES-

- 11) Girder carries tie-in span(s): 26-9-15 from 0-0-0 to 20-10-8; 23-1-7 from 0-0-0 to 10-0-0; 25-1-7 from 10-0-0 to 20-10-8
- 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-74, 2-8=-74, 8-9=-74, 19-25=-1078(F=-486, B=-573), 10-25=-1125(F=-533, B=-573)



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

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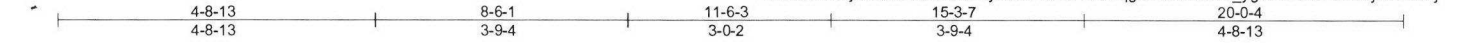


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Corona, CA 92880

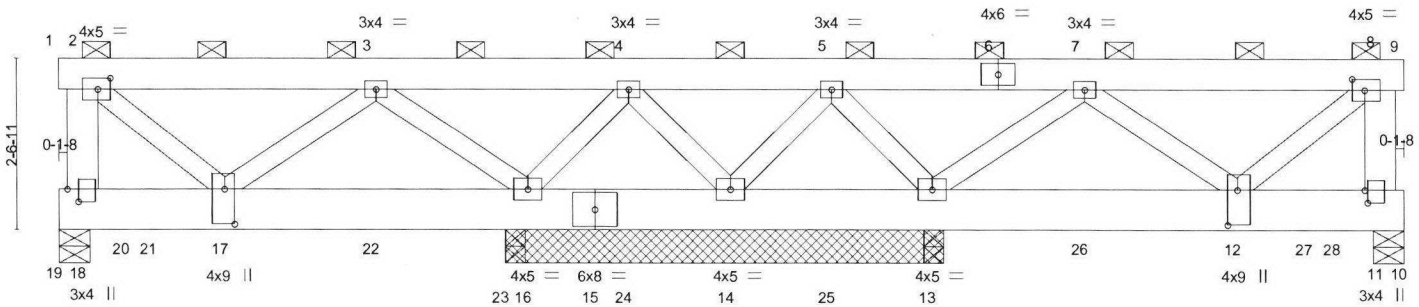
Job 19-OT0360	Truss C04-DT- Cond1	Truss Type FLAT GIRDER	Qty 1	Ply 2	4-Plex SW 58TH	K5735100
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:24 2019 Page 1
ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-wPzFUzd8ggMdMdsW9T?_ygeBwzIAvP7QfGj5IHkzVfj



Scale = 1:33.2



2-5-10	6-8-0	7-0-0	9-11-2	10-0-2	13-0-4	13-2-4	17-6-10	20-0-4
2-5-10	4-2-6	0-4-0	2-11-2	0-1-0	3-0-2	0-2-0	4-4-6	2-5-10

Plate Offsets (X,Y)-- [2:0-2-4,0-2-0], [8:0-2-4,0-2-0], [11:0-2-4,0-0-8], [12:0-6-4,0-1-12], [17:0-6-4,0-1-12], [18:0-2-4,0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0 (Roof Snow=25.0)	2-0-0	TC 0.13	Vert(LL) -0.02	16-17	>999	240	MT20	185/148
TCDL 12.0	Plate Grip DOL 1.15	BC 0.41	Vert(CT) -0.04	16-17	>999	180		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.81	Horz(CT) 0.00	11	n/a	n/a		
BCDL 10.0	Rep Stress Incr NO	Matrix-R					Weight: 267 lb	FT = 0%
	Code IRC2015/TPI2014							

LUMBER-
TOP CHORD 2x6 DF 1800F 1.6E
BOT CHORD 2x8 DF SS
WEBS 2x4 HF Std *Except*
2-18,8-11: 2x6 DF 1800F 1.6E

BRACING-
TOP CHORD 2-0-0 oc purlins (6-0-0 max.): 1-9, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

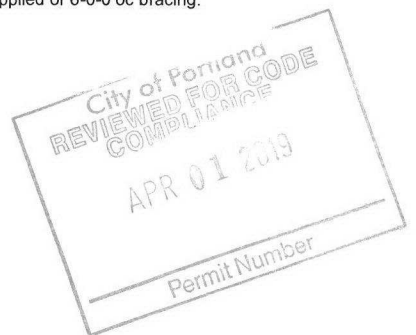
[MCT]

REACTIONS. All bearings 6-6-4 except (jt=length) 18=0-5-8, 11=0-5-8.
(lb) - Max Horz 18=98(LC 22)
Max Uplift All uplift 100 lb or less at joint(s) except 18=307(LC 4), 11=291(LC 5), 16=510(LC 5), 14=180(LC 5), 13=486(LC 4)
Max Grav All reactions 250 lb or less at joint(s) except 18=4010(LC 16), 11=3843(LC 15), 16=7194(LC 15), 16=6990(LC 1), 14=2117(LC 15), 13=6889(LC 16), 13=6704(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-18=-2486/208, 2-3=-2716/187, 3-4=-505/984, 4-5=-363/724, 5-7=-515/976, 7-8=-2625/186, 8-11=-2404/196
BOT CHORD 18-19=-260/260, 17-18=-486/692, 16-17=-286/1426, 14-16=-1767/1462, 13-14=-1897/1596, 12-13=-197/1313, 11-12=-587/785, 10-11=-260/260
WEBS 2-17=-202/3324, 3-17=-278/2325, 3-16=-2627/254, 4-16=-1079/890, 4-14=-957/948, 5-14=-951/935, 5-13=-1061/883, 7-13=-2557/272, 7-12=-299/2250, 8-12=-187/3186

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-8-0 oc.
Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; 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
- TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 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 307 lb uplift at joint 18, 291 lb uplift at joint 11, 510 lb uplift at joint 16, 180 lb uplift at joint 14 and 486 lb uplift at joint 13.
- This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- This truss has been designed for a total seismic drag load of 312 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to continuous drainage along bottom chord from 0-0-0 to 1-0-0, 6-8-0 to 13-2-4, 19-0-4 to 20-0-4 for 733.1 plf.



EXPIRES: 12-31-2019
February 15, 2019

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

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MiTek
250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss C04-DT- Cond1	Truss Type FLAT GIRDER	Qty 1	Ply 2	4-Plex SW 58TH Job Reference (optional)	K5735100
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:25 2019 Page 2
ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-OcXdiJembzUU_n17iBWEVtBLgNeOesNZtwSeqjzkvFi

NOTES-

- 11) Girder carries tie-in span(s): 26-7-15 from 0-0-0 to 20-0-4; 25-1-11 from 0-0-0 to 10-0-0; 23-1-11 from 10-0-0 to 20-0-4
12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-74, 2-8=-74, 8-9=-74, 14-19=-1122(F=-533, B=-569), 10-14=-1075(F=-486, B=-569)

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

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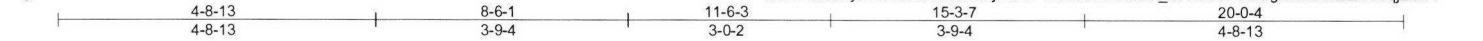
250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss C04-DT- Cond2	Truss Type FLAT GIRDER	Qty 1	Ply 2	4-Plex SW 58TH	K5735100
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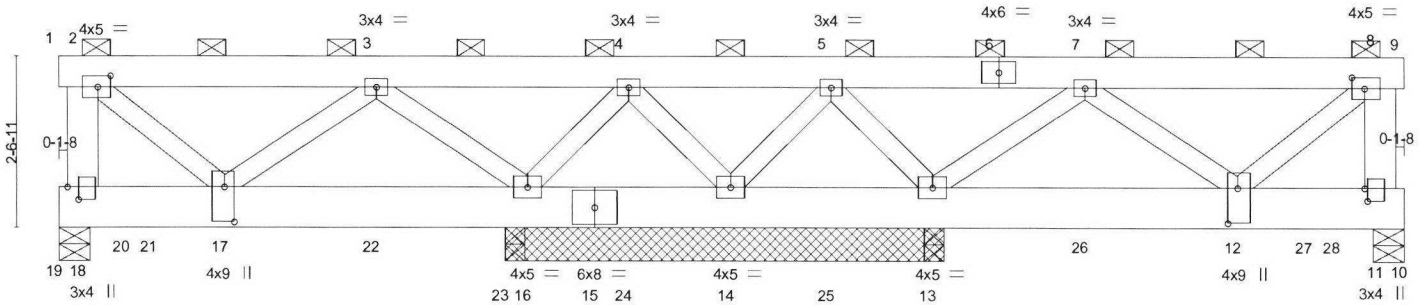
Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:25 2019 Page 1

ID:2lvLiXsXjeDczATQzwQnUDyEx4Y-OcXdiJembzUU_n17iBWEVtBLgNeOesNZtwSeqjzkvFi



Scale = 1:33.2



2-5-10	6-8-0	7-0-0	9-11-2	10-0-2	13-0-4	13-2-4	17-6-10	20-0-4
2-5-10	4-2-6	0-4-0	2-11-2	0-1-0	3-0-2	0-2-0	4-4-6	2-5-10

Plate Offsets (X,Y)-- [2-0-2-4,0-2-0], [8-0-2-4,0-2-0], [11-0-2-4,0-0-8], [12-0-6-4,0-1-12], [17-0-6-4,0-1-12], [18-0-2-4,0-2-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.13	in (loc) l/defl L/d	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.41	Vert(LL) -0.02 16-17 >999 240		
TCDL 12.0	Lumber DOL 1.15	WB 0.81	Vert(CT) -0.04 16-17 >999 180		
BCLL 0.0 *	Rep Stress Incr NO	Matrix-R	Horz(CT) 0.00 11 n/a n/a		
BCDL 10.0	Code IRC2015/TPI2014			Weight: 267 lb	FT = 0%

LUMBER-	BRACING-	[MCT]
TOP CHORD 2x6 DF 1800F 1.6E	TOP CHORD 2-0-0 oc purlins (6-0-0 max.): 1-9, except end verticals.	
BOT CHORD 2x8 DF SS	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.	
WEBS 2x4 HF Std *Except*		
2-18,8-11: 2x6 DF 1800F 1.6E		

REACTIONS. All bearings 6-6-4 except (jt=length) 18=0-5-8, 11=0-5-8.
 (lb) - Max Horz 18=96(LC 22)
 Max Uplift All uplift 100 lb or less at joint(s) except 18=307(LC 4), 11=291(LC 5), 16=510(LC 5), 14=180(LC 5), 13=486(LC 4)
 Max Grav All reactions 250 lb or less at joint(s) except 18=4010(LC 16), 11=3843(LC 15), 16=7194(LC 15), 16=6990(LC 1), 14=2117(LC 15), 13=6889(LC 16), 13=6704(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-18=2478/208, 2-3=2705/187, 3-4=490/973, 4-5=352/716, 5-7=500/965, 7-8=2614/186, 8-11=2395/196
 BOT CHORD 18-19=254/254, 17-18=474/679, 16-17=273/1416, 14-16=1731/1426, 13-14=1858/1558, 12-13=186/1304, 11-12=572/770, 10-11=254/254
 WEBS 2-17=202/3324, 3-17=259/2310, 3-16=2612/234, 4-16=1058/868, 4-14=936/927, 5-14=930/913, 5-13=1039/861, 7-13=2542/252, 7-12=280/2236, 8-12=187/3180

NOTES-

- 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
 Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-8-0 oc.
 Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
- All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
- Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; 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
- TCLL: ASCE 7-10; PF=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- Provide adequate drainage to prevent water ponding.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 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 307 lb uplift at joint 18, 291 lb uplift at joint 11, 510 lb uplift at joint 16, 180 lb uplift at joint 14 and 486 lb uplift at joint 13.
- This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- This truss has been designed for a total seismic drag load of 305 plf. Lumber DOL=(1.60) Plate grip DOL=(1.60) Connect truss to continuous drag rods along bottom chord from 0-0-0 to 1-0-0, 6-8-0 to 13-2-4, 19-0-4 to 20-0-4 for 716.6 plf.



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 on 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 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 19-OT0360	Truss C04-DT- Cond2	Truss Type FLAT GIRDER	Qty 1	Ply 2	4-Plex SW 58TH Job Reference (optional)	K5735100
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:25 2019 Page 2

ID:2lvLiXSXjeDczATQzwQnUDyEx4Y-OcXdiJembzUU_n17iBWEVIBLgNeOesNZtwSeqjzkvFi

NOTES-

- 11) Girder carries tie-in span(s): 26-7-15 from 0-0-0 to 20-0-4; 25-1-11 from 0-0-0 to 10-0-0; 23-1-11 from 10-0-0 to 20-0-4
 12) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-2=-74, 2-8=-74, 8-9=-74, 14-19=-1122(F=-533, B=-569), 10-14=-1075(F=-486, B=-569)

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

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250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss G01	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH Job Reference (optional)	K5735101
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:28 2019 Page 1
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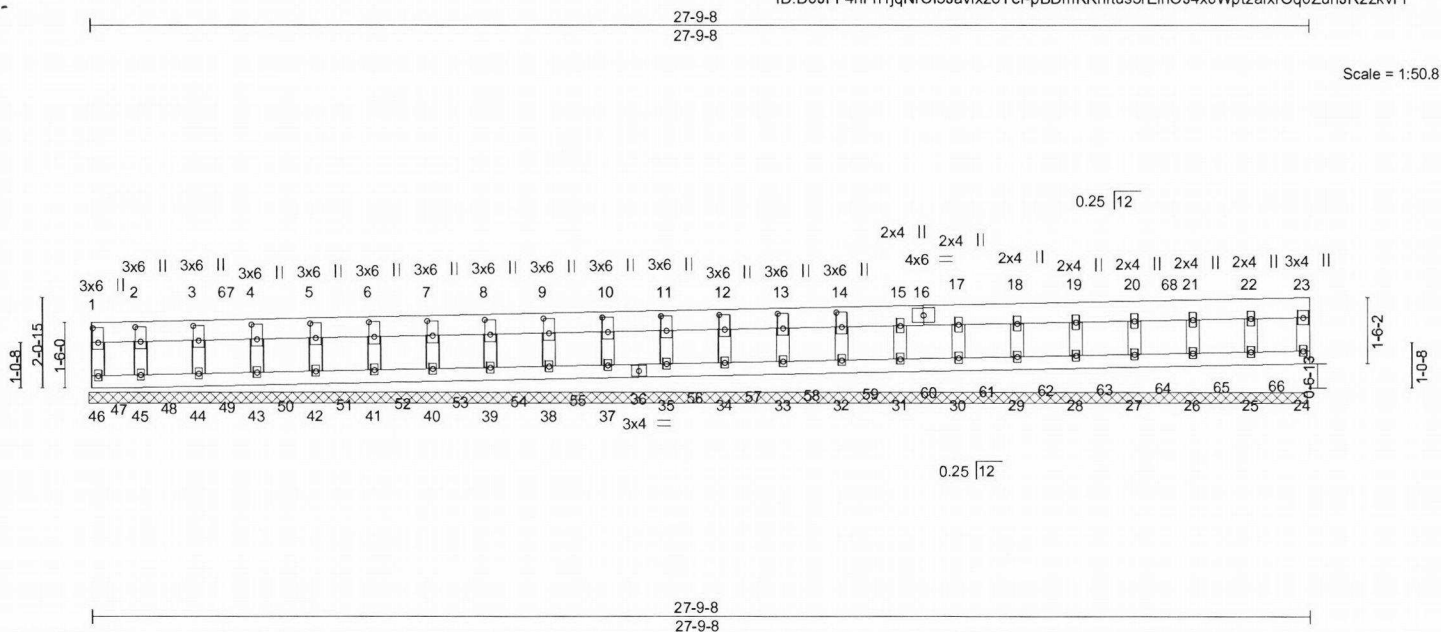


Plate Offsets (X,Y)-- [1:0-4-0,0-1-8], [2:0-4-0,0-1-8], [3:0-4-0,0-1-8], [4:0-4-0,0-1-8], [5:0-4-0,0-1-8], [6:0-4-0,0-1-8], [7:0-4-0,0-1-8], [8:0-4-0,0-1-8], [9:0-4-0,0-1-8], [10:0-4-0,0-1-8], [11:0-4-0,0-1-8], [12:0-4-0,0-1-8], [13:0-4-0,0-1-8], [14:0-4-0,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 25.0	Plate Grip DOL 1.15	TC 0.05	Vert(LL) n/a	-	n/a	999	MT20	185/148
(Roof Snow=25.0)	Lumber DOL 1.15	BC 0.10	Vert(CT) n/a	-	n/a	999		
TCDL 12.0	Rep Stress Incr YES	WB 0.12	Horz(CT) -0.00	14	n/a	n/a		
BCLL 0.0 *	Code IRC2015/TPI2014	Matrix-R						
BCDL 10.0							Weight: 116 lb	FT = 0%

LUMBER-

TOP CHORD 2x6 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

All bearings Mechanical.
(lb) - Max Horz 46=46(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 24, 46, 1, 25, 26, 27, 28, 29, 30, 31, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2
Max Grav All reactions 250 lb or less at joint(s) 1 except 24=272(LC 66), 46=258(LC 45), 25=309(LC 65), 26=309(LC 64), 27=309(LC 63), 28=309(LC 62), 29=309(LC 61), 30=309(LC 60), 31=306(LC 59), 14=297(LC 58), 13=293(LC 57), 12=295(LC 56), 11=294(LC 55), 10=295(LC 54), 9=295(LC 53), 8=295(LC 52), 7=295(LC 51), 6=295(LC 50), 5=295(LC 49), 4=294(LC 48), 3=295(LC 47), 2=286(LC 46)

FORCES.

(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 14-32=-4/261, 13-33=0/263, 12-34=0/262, 11-35=0/263, 10-37=0/263, 9-38=0/263, 8-39=0/263, 7-40=0/263, 6-41=0/263, 5-42=0/263, 4-43=0/262, 3-44=0/263, 2-45=-7/255

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) 0-1-12 to 3-1-12, Interior(1) 3-1-12 to 27-7-12 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 3) Provide adequate drainage to prevent water ponding.
- 4) All plates are 2x3 MT20 unless otherwise indicated.
- 5) Gable requires continuous bottom chord bearing.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 8) Refer to girder(s) for truss to truss connections.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 46, 1, 25, 26, 27, 28, 29, 30, 31, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2.
- 10) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 11) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.



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250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss G02	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH	K5735102
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:31 2019 Page 1
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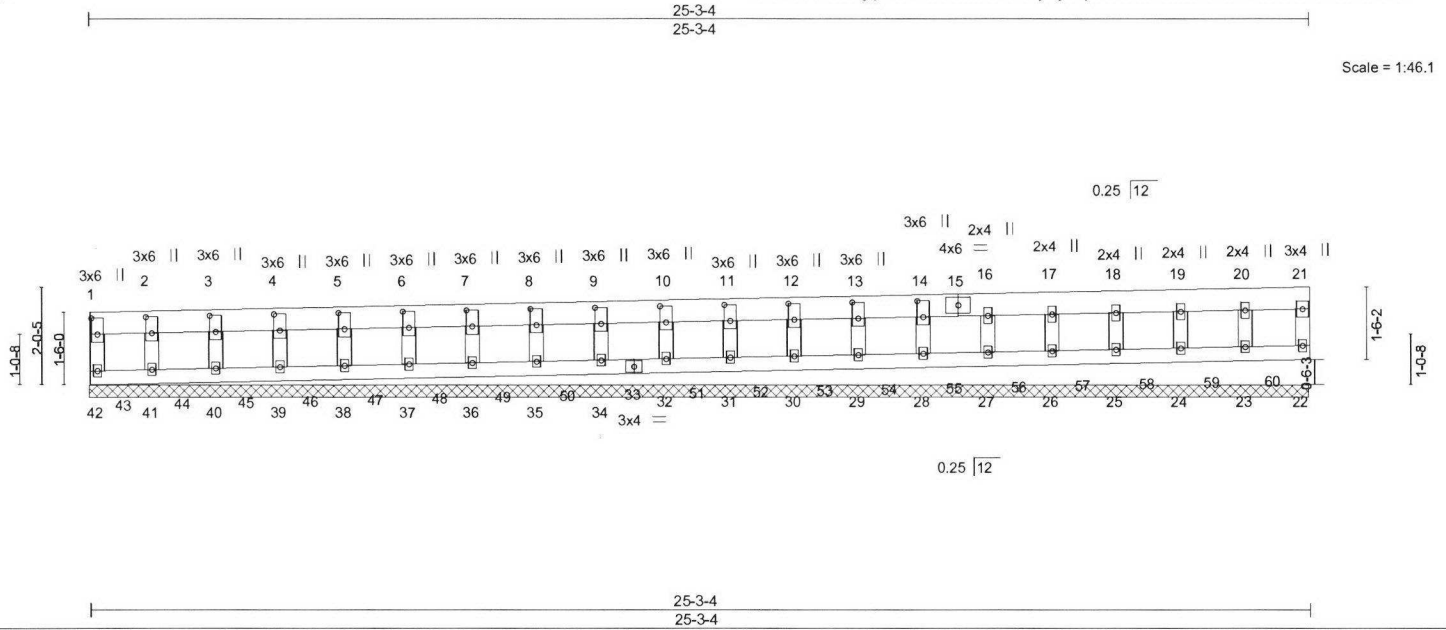


Plate Offsets (X,Y)-- [1:0-4-0,0-1-8], [2:0-4-0,0-1-8], [3:0-4-0,0-1-8], [4:0-4-0,0-1-8], [5:0-4-0,0-1-8], [6:0-4-0,0-1-8], [7:0-4-0,0-1-8], [8:0-4-0,0-1-8], [9:0-4-0,0-1-8], [10:0-4-0,0-1-8], [11:0-4-0,0-1-8], [12:0-4-0,0-1-8], [13:0-4-0,0-1-8], [14:0-4-0,0-1-8]

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 0.06	Vert(LL)	n/a	-	n/a	MT20	185/148
(Roof Snow=25.0)	Lumber DOL	1.15	BC 0.10	Vert(CT)	n/a	-	n/a		
TCDL 12.0	Rep Stress Incr	YES	WB 0.12	Horz(CT)	-0.00	13	n/a		
BCLL 0.0 *	Code IRC2015/TPI2014		Matrix-R					Weight: 106 lb	FT = 0%
BCDL 10.0									

LUMBER-

TOP CHORD 2x6 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS.

All bearings Mechanical.

(lb) - Max Horz 42=45(LC 9)

Max Uplift All uplift 100 lb or less at joint(s) 22, 42, 1, 23, 24, 25, 26, 27, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2

Max Grav All reactions 250 lb or less at joint(s) 1 except 22=272(LC 62), 42=260(LC 43), 23=309(LC 61), 24=309(LC 60), 25=309(LC 59), 26=309(LC 58), 27=306(LC 57), 14=297(LC 56), 13=293(LC 55), 12=295(LC 54), 11=294(LC 53), 10=295(LC 52), 9=295(LC 51), 8=295(LC 50), 7=295(LC 49), 6=295(LC 48), 5=295(LC 47), 4=294(LC 46), 3=295(LC 45), 2=292(LC 44)

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

WEBS 14-28=4/261, 13-29=0/263, 12-30=0/262, 11-31=0/263, 10-32=0/263, 9-34=0/263, 8-35=0/263, 7-36=0/263, 6-37=0/263, 5-38=0/263, 4-39=0/262, 3-40=0/263, 2-41=5/260

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-1-12 to 3-1-12, Exterior(2) 3-1-12 to 25-1-8 zone; cantilever left and right exposed; end vertical left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 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) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) All plates are 2x3 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 8) Gable studs spaced at 1-4-0 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 11) Refer to girder(s) for truss to truss connections.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 22, 42, 1, 23, 24, 25, 26, 27, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2.

Continued on page 2



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February 15, 2019

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250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735102
19-OT0360	G02	GABLE	1	1	Job Reference (optional)	

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

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NOTES-

- 13) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 14) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.



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250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss G03	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH	K5735103
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

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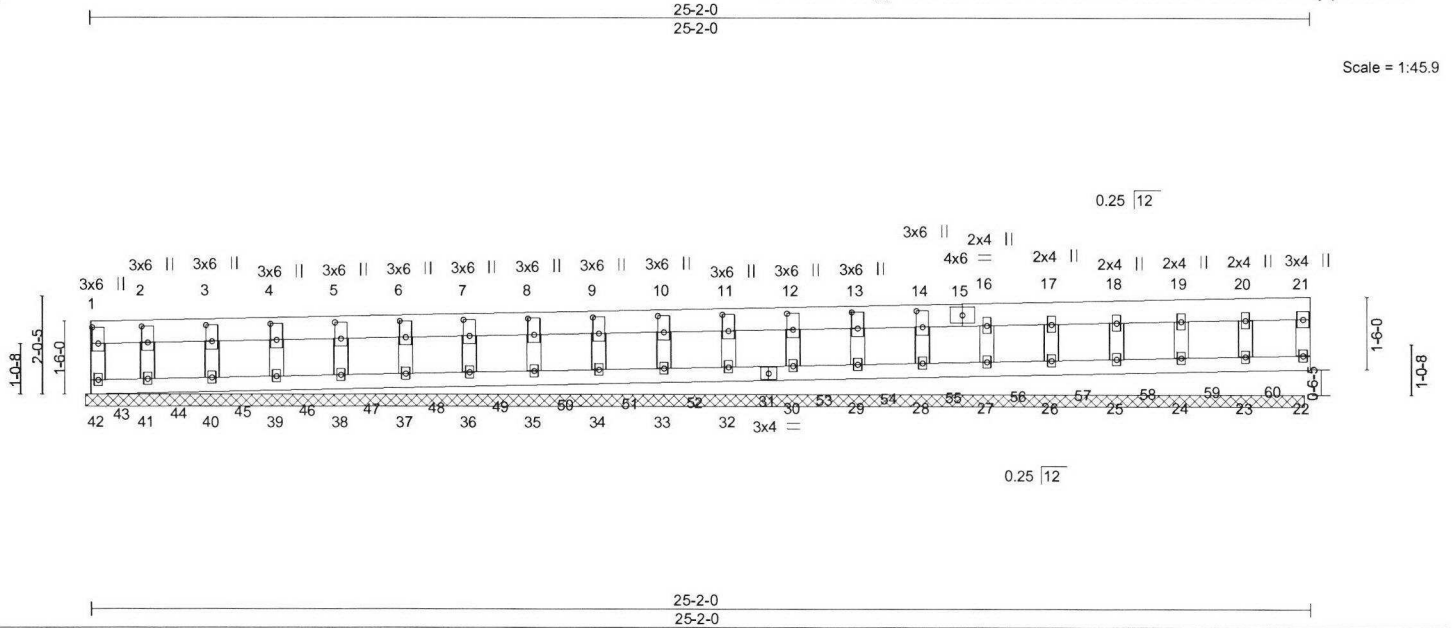


Plate Offsets (X,Y)--	[1:0-4-0,0-1-8], [2:0-4-0,0-1-8], [3:0-4-0,0-1-8], [4:0-4-0,0-1-8], [5:0-4-0,0-1-8], [6:0-4-0,0-1-8], [7:0-4-0,0-1-8], [8:0-4-0,0-1-8], [9:0-4-0,0-1-8], [10:0-4-0,0-1-8], [11:0-4-0,0-1-8], [12:0-4-0,0-1-8], [13:0-4-0,0-1-8], [14:0-4-0,0-1-8]
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	Plate Grip DOL 2-0-0	TC 0.06	in (loc) l/defl L/d	MT20	185/148
(Roof Snow=25.0)	Lumber DOL 1.15	BC 0.10	Vert(LL) n/a - n/a 999		
TCDL 12.0	Rep Stress Incr YES	WB 0.12	Vert(CT) n/a - n/a 999		
BCLL 0.0 *	Code IRC2015/TPI2014	Matrix-R	Horz(CT) -0.00 13 n/a n/a		
BCDL 10.0				Weight: 105 lb	FT = 0%

LUMBER-
TOP CHORD 2x6 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 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

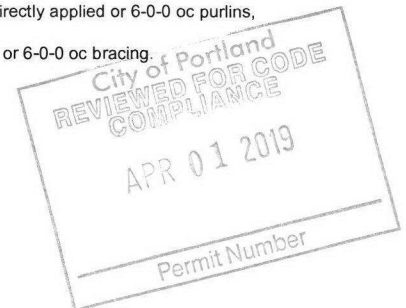
REACTIONS. All bearings Mechanical.
(lb) - Max Horz 42=44(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 42, 1, 22, 23, 24, 25, 26, 27, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2
Max Grav All reactions 250 lb or less at joint(s) 1 except 42=259(LC 43), 22=272(LC 62), 23=309(LC 61), 24=309(LC 60), 25=309(LC 59), 26=309(LC 58), 27=306(LC 57), 14=297(LC 56), 13=293(LC 55), 12=295(LC 54), 11=295(LC 53), 10=295(LC 52), 9=295(LC 51), 8=295(LC 50), 7=295(LC 49), 6=295(LC 48), 5=295(LC 47), 4=294(LC 46), 3=295(LC 45), 2=288(LC 44)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 14-28=-4/261, 13-29=0/263, 12-30=0/263, 11-32=0/263, 10-33=0/263, 9-34=0/263, 8-35=0/263, 7-36=0/263, 6-37=0/263, 5-38=0/263, 4-39=0/262, 3-40=0/263, 2-41=-7/256

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-1-12 to 3-1-12, Exterior(2) 3-1-12 to 25-0-4 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/TPI 1.
- 3) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) All plates are 2x3 MT20 unless otherwise indicated.
- 6) Gable requires continuous bottom chord bearing.
- 7) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 8) Gable studs spaced at 1-4-0 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 11) Refer to girder(s) for truss to truss connections.
- 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 42, 1, 22, 23, 24, 25, 26, 27, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2.

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EXPIRES: 12-31-2019
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MiTek
250 Klug Circle
Corona, CA 92880

Job	Truss	Truss Type	Qty	Ply	4-Plex SW 58TH	K5735103
✓ 19-OT0360	G03	GABLE	1	1	Job Reference (optional)	

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

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:35 2019 Page 2
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NOTES-

- 13) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 14) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

 **WARNING** - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MII-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/TPI1 Quality Criteria, DSB-89 and BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.



250 Klug Circle
Corona, CA 92880

Job 19-OT0360	Truss G04	Truss Type GABLE	Qty 1	Ply 1	4-Plex SW 58TH	K5735104
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Precision Truss & Lumber, Inc., CLACKAMAS, OR - 97015,

8.240 s Dec 6 2018 MiTek Industries, Inc. Fri Feb 15 11:38:37 2019 Page 1
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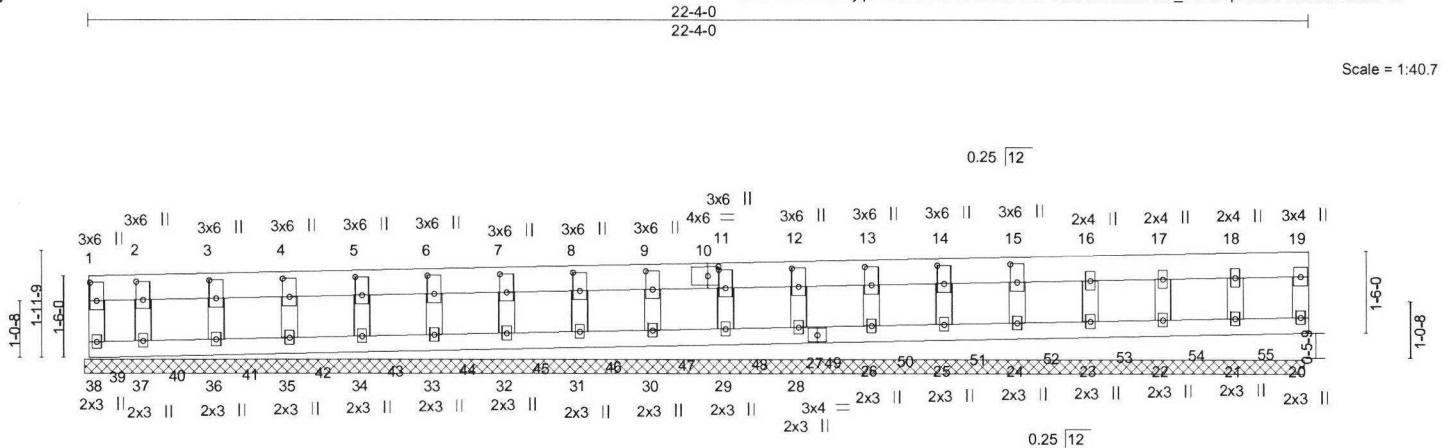


Plate Offsets (X,Y)--	[1:0-4-0,0-1-8], [2:0-4-0,0-1-8], [3:0-4-0,0-1-8], [4:0-4-0,0-1-8], [5:0-4-0,0-1-8], [6:0-4-0,0-1-8], [7:0-4-0,0-1-8], [8:0-4-0,0-1-8], [9:0-4-0,0-1-8], [10:0-2-6-0-2-0], [11:0-4-0,0-1-8], [12:0-4-0,0-1-8], [13:0-4-0,0-1-8], [14:0-4-0,0-1-8], [15:0-4-0,0-1-8]
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 25.0	2-0-0	TC 0.06	in (loc)	MT20	185/148
(Roof Snow=25.0)	Plate Grip DOL 1.15	BC 0.10	Vert(LL) n/a - n/a		
TCDL 12.0	Lumber DOL 1.15	WB 0.12	Vert(CT) n/a - n/a		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-R	Horz(CT) -0.00 14 n/a		
BCDL 10.0	Code IRC2015/TPI2014			Weight: 94 lb	FT = 0%

LUMBER-
TOP CHORD 2x6 DF No.2
BOT CHORD 2x4 DF No.2
WEBS 2x4 HF Std
OTHERS 2x4 HF Std

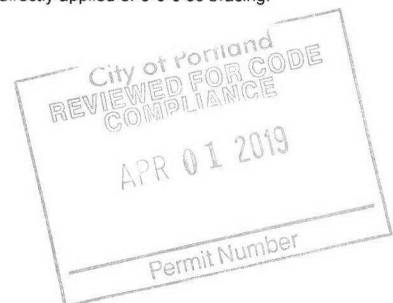
BRACING-
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

REACTIONS. All bearings Mechanical.
(lb) - Max Horz 38=43(LC 9)
Max Uplift All uplift 100 lb or less at joint(s) 38, 1, 20, 21, 22, 23, 15, 14, 13, 12, 11, 9, 8, 7, 6, 5, 4, 3, 2
Max Grav All reactions 250 lb or less at joint(s) 1 except 38=257(LC 41), 20=272(LC 58), 21=309(LC 57), 22=310(LC 56), 23=306(LC 55), 15=297(LC 54), 14=293(LC 53), 13=295(LC 52), 12=295(LC 51), 11=295(LC 50), 9=295(LC 49), 8=295(LC 48), 7=295(LC 47), 6=295(LC 46), 5=295(LC 45), 4=294(LC 44), 3=296(LC 43), 2=279(LC 42)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 15-24=-4/261, 14-25=0/263, 13-26=0/263, 12-28=0/263, 11-29=0/263, 9-30=0/263, 8-31=0/263, 7-32=0/263, 6-33=0/263, 5-34=0/263, 4-35=0/262, 3-36=0/263

NOTES-

- 1) Wind: ASCE 7-10; Vult=120mph (3-second gust) Vasd=95mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) 0-1-12 to 3-1-12, Exterior(2) 3-1-12 to 22-2-4 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/TPI 1.
- 3) TCLL: ASCE 7-10; Pf=25.0 psf (flat roof snow); Category II; Exp B; Partially Exp.; Ct=1.00
- 4) Provide adequate drainage to prevent water ponding.
- 5) Gable requires continuous bottom chord bearing.
- 6) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 7) Gable studs spaced at 1-4-0 oc.
- 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 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 10) Refer to girder(s) for truss to truss connections.
- 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 38, 1, 20, 21, 22, 23, 15, 14, 13, 12, 11, 9, 8, 7, 6, 5, 4, 3, 2.
- 12) This truss has been designed for a moving concentrated load of 250.0lb live located at all mid panels and at all panel points along the Bottom Chord, nonconcurrent with any other live loads.
- 13) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.



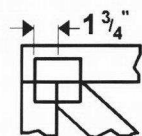
EXPIRES: 12-31-2019
February 15, 2019

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

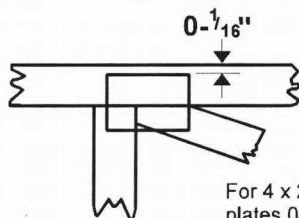
Design valid for use only with MiTek® connectors. This design is based only upon parameters shown, and is for an individual building component, not a truss system. Before use, the building designer must verify the applicability of design parameters and properly incorporate this design into the overall 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 BCSI Building Component Safety Information** available from Truss Plate Institute, 218 N. Lee Street, Suite 312, Alexandria, VA 22314.

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Corona, CA 92880

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- $\frac{1}{16}$ " 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

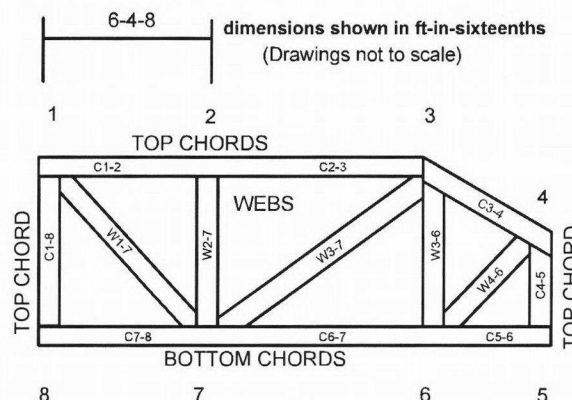


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur. Min size shown is for crushing only.

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.

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MiTek Engineering Reference Sheet: MII-7473 rev. 10/03/2015



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.