

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0111017

Insp Area: 2

Thos Bros: 337H4

Site Address: 7838 DEER CREEK DR SAC

Parcel No: 119-0280-072

Sub-Type: REP

Housing (Y/N): N

CONTRACTOR

DH CONSTRUCTION
4324 ORANGE GROVE AV
SACRAMENTO CA 95841

OWNER

TAPIA FRANCISCO/AMELIA GU
7838 DEER CREEK DR
SACRAMENTO CA 95823

ARCHITECT

Nature of Work: FIRE REPAIR ACCORDING TO SCOPE OF WORK. SUBJECT TO FIELD APPROVAL

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name Lender's Address

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B-1 License Number 362161 Date 8/27/01 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. B & PC for this reason:

Date Owner Signature

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 8/27/01 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier STATE COMPENSATION INS FUND Policy Number 1616175 - 01 Exp Date 01/01/2002

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 8/27/01 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

Sacramento Fire Department - Incident Report

Incident No : 010035724 Call# : 1080299 Date: 08/03/01 Time: 16:40
Address : 7834 DEER CREEK DR
Type : 11 BUILDING FIRE
Action Taken: 12 VENTILATION, EXTINGUISH, SALVAGE, OVERHAUL
Property : 1-2 FAMILY RESIDENTIAL: SINGLE FAMILY
UBC : DWELLINGS AND LODGING HOUSES

Weather : 85 Degrees / Clear
Resources : 6 Engines, 3 Trucks 1 Medic
1 Fire Rescue Unit

Fire Casualties : None

Fire Damage : Confined to structure of origin
Smoke Damage : Confined to structure of origin
Property Loss : \$120,000 Contents Loss : \$30,000
Property Value : \$150,000 Contents Value: \$35,000

Area of Origin : Exterior wall surface Level: A01

Caused by : No equipment involved

Form of Heat : Not classified

Ignition Factor : Suspicious

Type of Material : Fiberboard, particleboard, hardboard

Form of Material : Exterior sidewall covering, surface, finish

Type of Material : Sawn woods, finished lumber

Form of Material : Exterior roof covering, surface, finish

Smoke Travel : Doorway, passageway

Other Factors : Acts or Omissions Insufficient information

Extinguished by : Water from hydrant, draft, standpipe

Structure Type : Building with one specific property use

Structure Status : In use

Not occupied

Construction Type: Type V - Wood Frame

Roof Type : Wood shake - untreated

Number of Stories: 1

Detector Type : Smoke detector - photoelectric

Power : Hard wire w/battery backup

Performance : Undetermined/not reported

Reason Failed : No failure

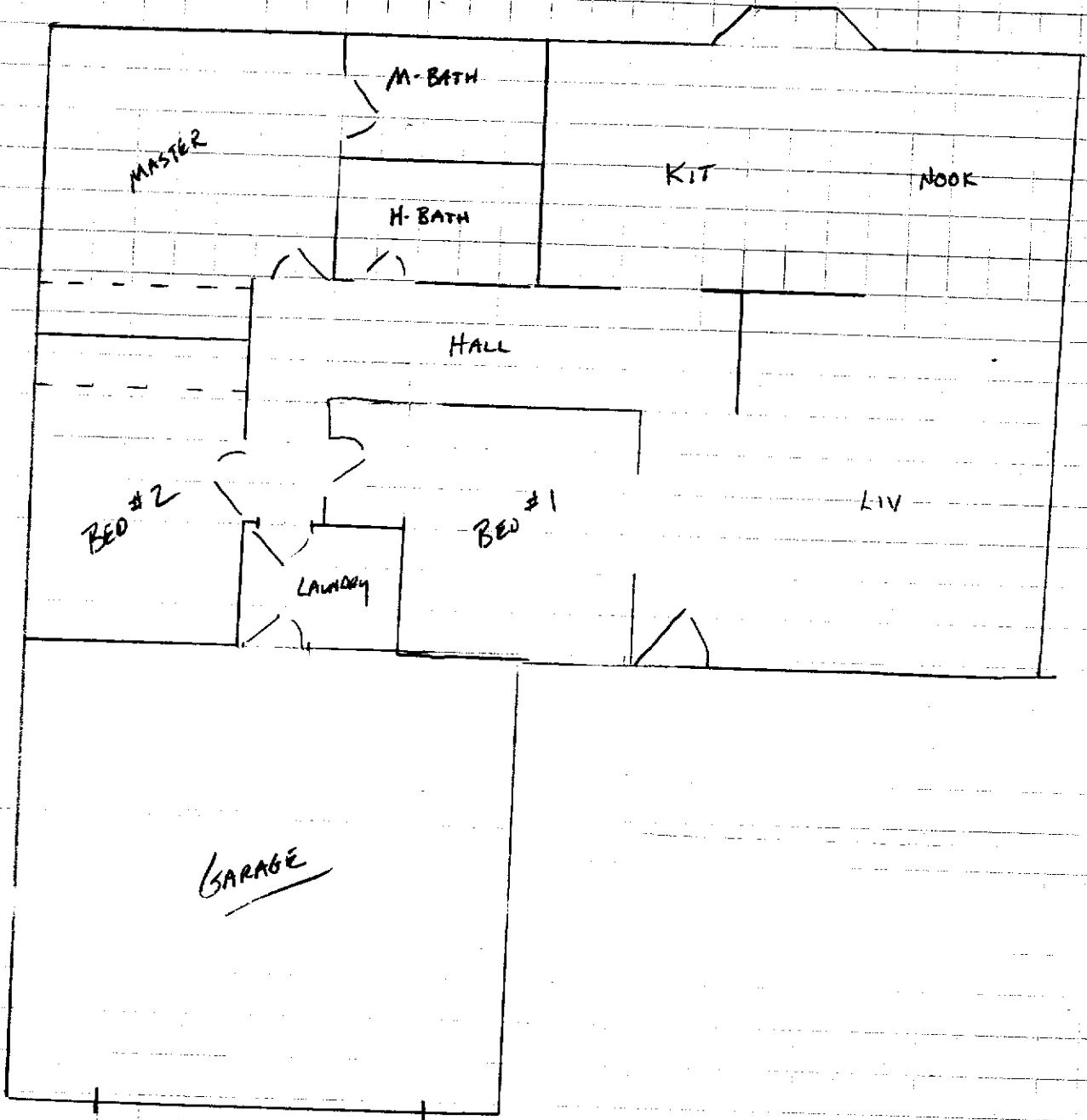
Extinguishing Sys: No extinguishing system

Report Author : P873

FIRE REPAIRS
7838 DEER CREEK DR.

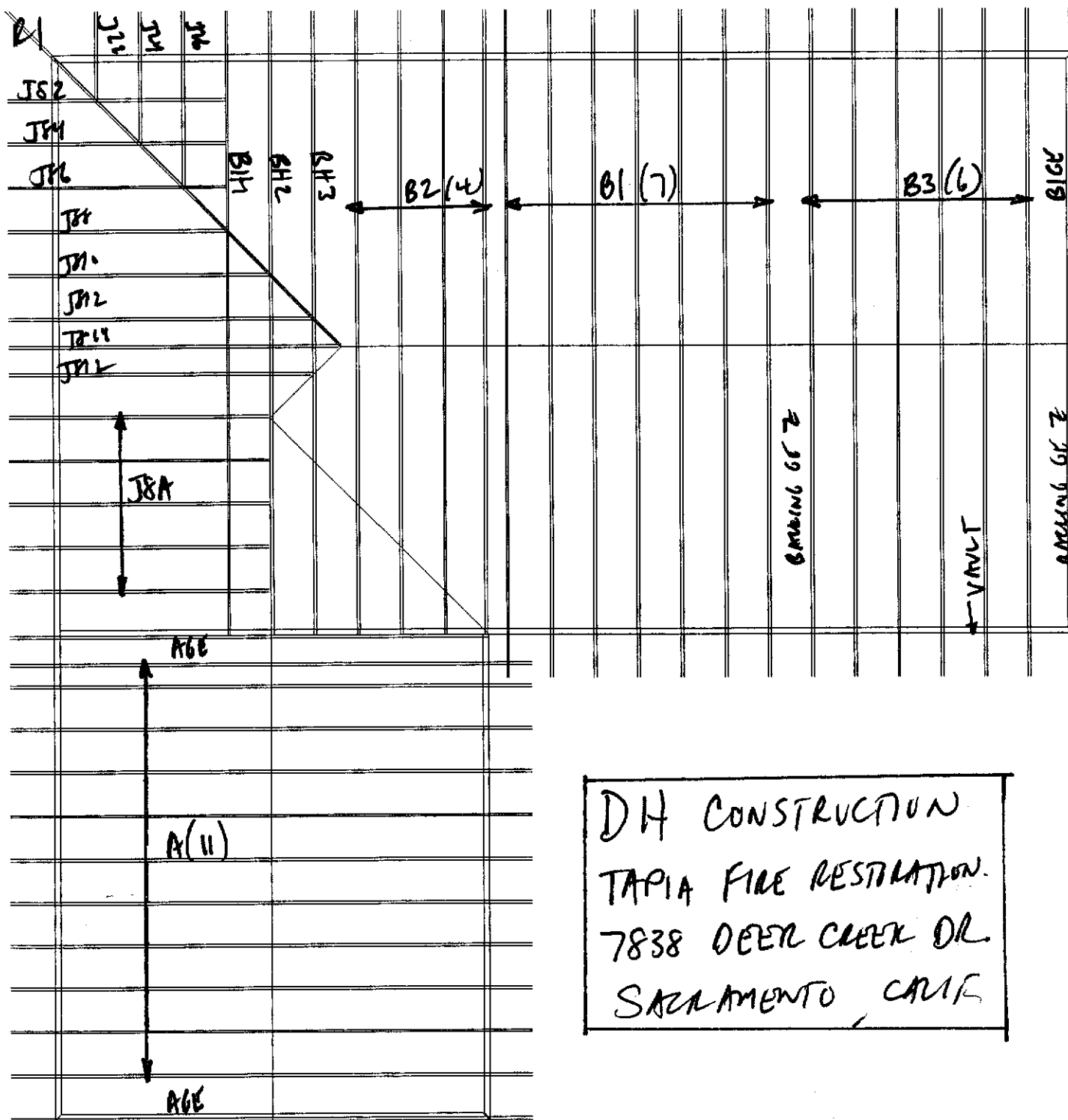
SCOPE OF WORK

1. REPLACE-ROOF TRUSSES
2. REPLACE-ONE GYPSUM WALL FRAMING APPRO-30 L.F.
3. REPLACE STUCCO AT ALL WINDOWS 3-WAT
4. REPLACE WINDOWS SMOKE DAMAGE
5. REPLACE ROOFING 25 YR. COMP W/15# FELT MIN.
6. HEAT & AIR REPLACE COMPLETE
7. DRYWALL COMPLETE
8. PLUMBING VENTS @ ROOF
9. INSULATION COMPLETE CEILING & WALLS R19 MIN. @ CEILING
(RECOMMEND R38)
R-13 WALLS
WHERE EXPOSED
10. CABINETS & DOORS & TRIM
11. FLOOR COVERING COMPLETE
12. INTERIOR & EXT. PAINT COMPLETE



REPLACE DAMAGED WALL FRAMING
APPROX 30 LF

TAPIA
7838 DEER CREEK DR
SACRAMENTO



DI CONSTRUCTION
 TAPIA FIRE RESTORATION
 7838 DEER CREEK DR
 SACRAMENTO, CALIF

ISSUED

NOV 27 2001

San Francisco Building Division



MiTek Industries, Inc.
3033 GOLD CANAL DRIVE
SUITE 200
RANCHO CORDOVA CA 95670
USA
FAX (916) 631 8225
TELEPHONE (916) 631 7811

Re: dhtapia
TAPIA FIRE REST. 7838 DEER CREEK DRIVE

The truss drawing(s) referenced below have been prepared by MiTek Industries, Inc. under my direct supervision based on the parameters provided by General Truss

Pages or sheets covered by this seal: R398630 thru R398651

My license renewal date for the state of California is September 30, 2004.



August 20, 2001

Yu, Ray

The seal on these drawings indicate acceptance of professional engineering responsibility solely for the truss components shown. The suitability and use of this component for any particular building is the responsibility of the building designer, per ANSI/TPI-1995 Sec. 2.

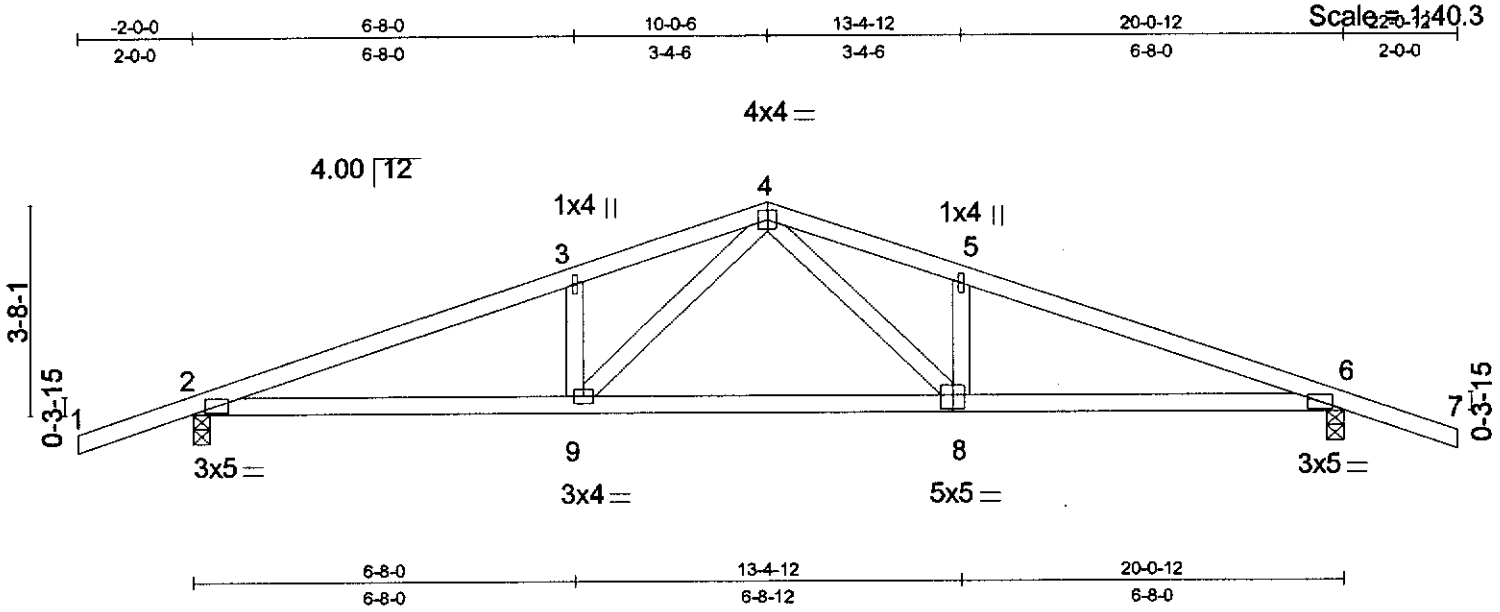


Plate Offsets (X,Y): 8:0-2-8,0-3-0

LOADING (psf)	SPACING	CSI	DEFL	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.27	(in) (loc) l/def	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.43	Vert(LL) -0.08 8-9 >999	
BCLL 0.0	Rep Stress Incr YES	WB 0.22	Vert(TL) -0.17 8-9 >999	
BCDL 7.0	Code UBC97/ANSI95		Horz(TL) 0.03 6 n/a	
			1st LC LL Min l/def = 360	Weight: 79 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G
 WEBS 2 X 4 DF Std-G

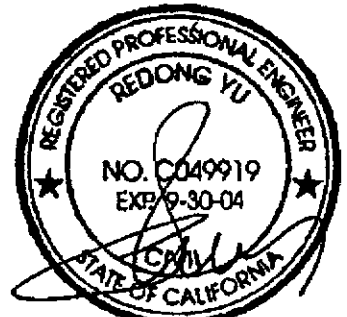
BRACING
 TOP CHORD Sheathed or 5-0-2 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 2=860/0-3-8, 6=860/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=18, 2-3=1502, 3-4=1497, 4-5=1497, 5-6=1502, 6-7=18
 BOT CHORD 2-9=1420, 8-9=1049, 6-8=1420
 WEBS 3-9=280, 4-9=526, 4-8=526, 5-8=280

- NOTES**
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) All plates are M20 plates unless otherwise indicated.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 4) A plate rating reduction of 20% has been applied for the green lumber members.
 - 5) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard



August 20, 2001

WARNING: Verify design parameters and load conditions with the Plate Institute 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 to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

MiTek Industries, Inc.

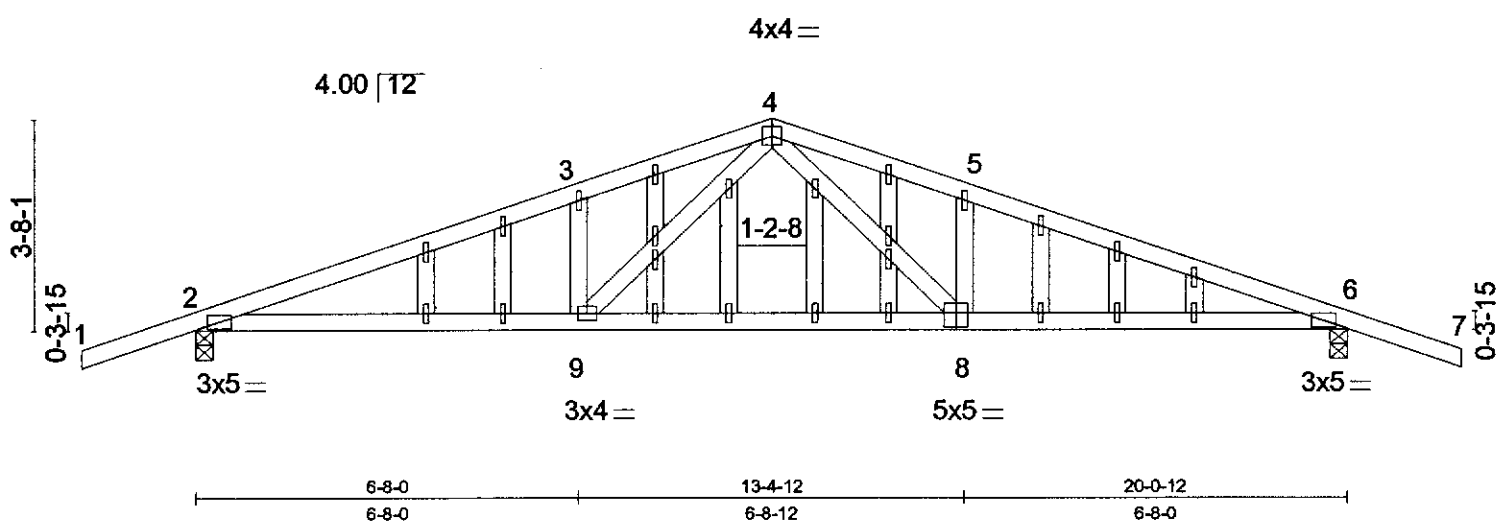
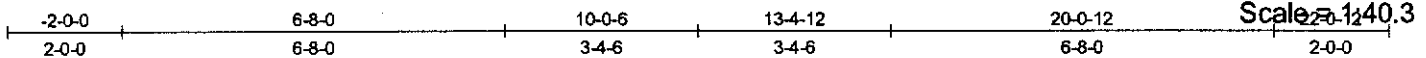


Plate Offsets (X,Y): [8:0-2-8,0-3-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.27	Vert(LL) -0.08 8-9 >999	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.43	Vert(TL) -0.17 8-9 >999	
BCLL 0.0	Rep Stress Incr YES	WB 0.22	Horz(TL) 0.03 6 n/a	
BCDL 7.0	Code UBC97/ANSI95		1st LC LL Min l/defl = 360	Weight: 100 lb

LUMBER
TOP CHORD 2 X 4 DF No.1&Btr-G
BOT CHORD 2 X 4 DF No.1&Btr-G
WEBS 2 X 4 DF Std-G
OTHERS 2 X 4 DF Std-G

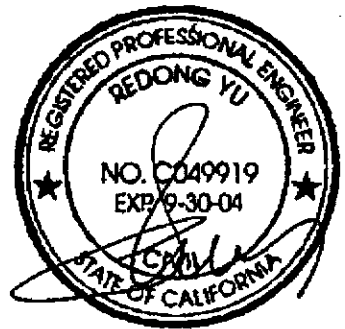
BRACING
TOP CHORD Sheathed or 5-0-2 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 2=860/0-3-8, 6=860/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=18, 2-3=1502, 3-4=1497, 4-5=1497, 5-6=1502, 6-7=18
BOT CHORD 2-9=1420, 8-9=1049, 6-8=1420
WEBS 3-9=280, 4-9=526, 4-8=526, 5-8=280

- NOTES**
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) All plates are M20 plates unless otherwise indicated.
 - 3) All plates are 1x4 M20 unless otherwise indicated.
 - 4) Gable studs spaced at 1-4-0 on center.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 6) A plate rating reduction of 20% has been applied for the green lumber members.
 - 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard



August 20, 2001

WARNING - *Use this product in accordance with the RECOMMENDED INSTALLATION INSTRUCTIONS.*

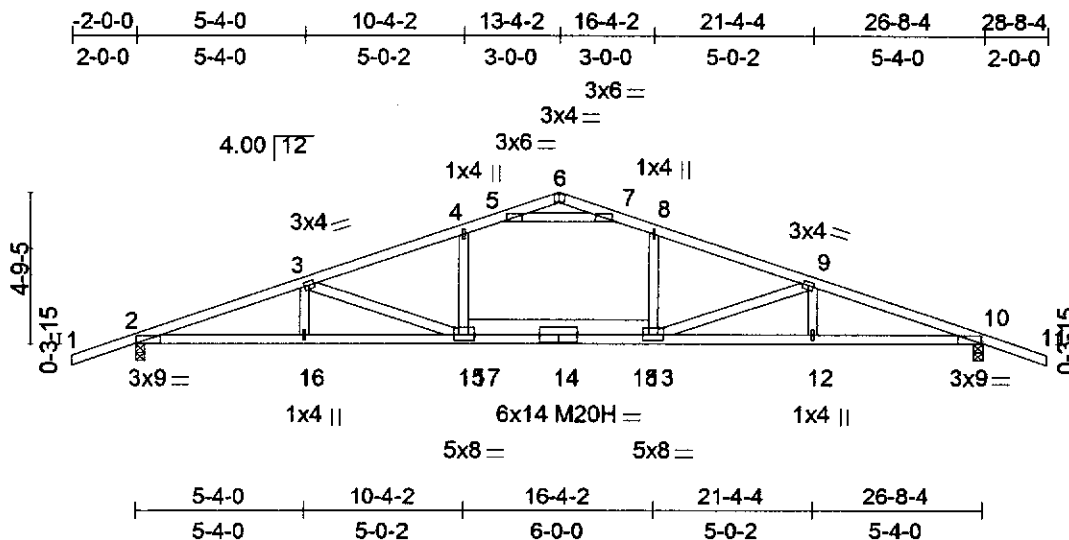
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-88 Quality Standard**, **DSB-89 Bracing Specification**, and **HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

MiTek Industries, Inc.

Job	Truss	Truss Type	Qty	Ply	TAPIA FIRE REST. 7838 DEER CREEK DRIVE	R398632
DHTAPIA	B1	FINK	7	1		

GENERAL TRUSS CO., INC., SACRAMENTO, CA 95828

4.0-32's Feb 18 1999 MiTek Industries, Inc. Mon Aug 20 10:29:53 2001 Page 1



LOADING (psf)		SPACING		CSI		DEFL (in) (loc) l/def			PLATES GRIP		
TCLL	16.0	Plates Increase	2.0-0	TC	0.87	Vert(LL)	-0.21	15-16	>999	M20	220/195
TCDL	14.0	Lumber Increase	1.25	BC	0.80	Vert(TL)	-0.45	13-15	>696	M20H	165/146
BCLL	0.0	Rep Stress Incr	NO	WB	0.55	Horz(TL)	0.09	10	n/a		
BCDL	7.0	Code	UBC97/ANSI95	(Matrix)		1st LC LL Min l/def	=	360			Weight: 124 lb

LUMBER
 TOP CHORD 2 X 4 DF No.18/Btr-G
 BOT CHORD 2 X 4 DF No.18/Btr-G
 WEBS 2 X 4 DF Std-G *Except*
 13-15 2 X 6 DF No.2-G

BRACING
 TOP CHORD Sheathed or 3-2-11 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing, Except:
 5-0-0 on center bracing: 13-15.

REACTIONS (lb/size) 2=1295/0-3-8, 10=1295/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=2997, 3-4=2442, 4-5=2189, 5-6=626, 6-7=626, 7-8=2189, 8-9=2442, 9-10=2997, 10-11=37
 BOT CHORD 2-16=2787, 15-16=2787, 15-17=2223, 14-17=2241, 14-18=2241, 13-18=2224, 12-13=2787, 10-12=2787
 WEBS 3-16=13, 3-15=574, 4-15=499, 8-13=499, 9-13=574, 9-12=13, 5-7=2907

- NOTES**
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) 200lb AC unit load placed on the bottom chord, 13-4-2 from left end, supported at two points, 5-0-0 apart.
 - 3) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
 - 4) All plates are M20 plates unless otherwise indicated.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 6) A plate rating reduction of 20% has been applied for the green lumber members.
 - 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

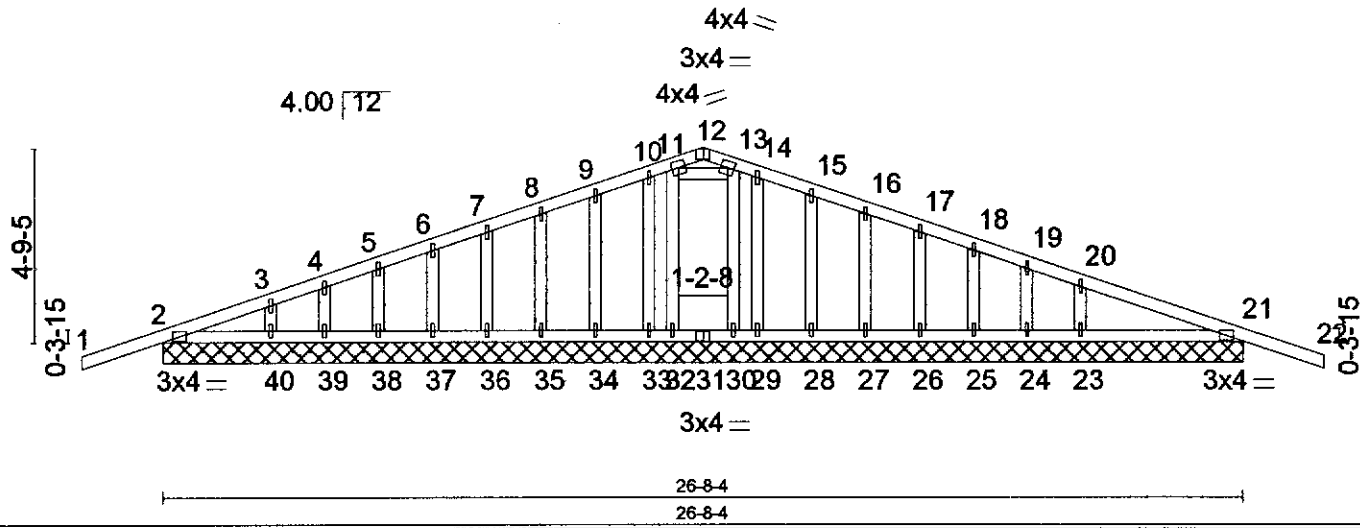
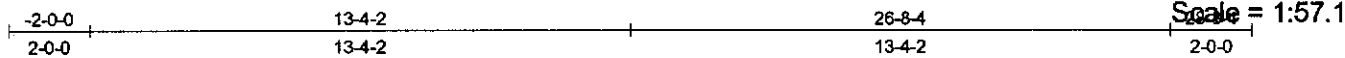
LOAD CASE(S) Standard
 *) Regular: Lumber Increase=1.25, Plate Increase=1.00
 Uniform Loads (psf)
 Vert: 1-2=60.0, 2-3=60.0, 3-4=60.0, 4-5=60.0, 5-6=60.0, 6-7=60.0, 7-8=60.0, 8-9=60.0, 9-10=60.0, 10-11=60.0,
 2-16=14.0, 15-16=14.0, 15-17=44.0, 14-17=44.0, 14-18=44.0, 13-18=44.0, 12-13=14.0, 10-12=14.0
 Concentrated Loads (lb)
 Vert: 17=100 18=100



August 20, 2001

MI
 MiTek Industries, Inc.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.21	Vert(LL) n/a - n/a	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.09	Vert(TL) 0.04 1-2 >631	
BCLL 0.0	Rep Stress Incr YES	WB 0.02	Horz(TL) 0.00 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 140 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G
 WEBS 2 X 4 DF Std-G
 OTHERS 2 X 4 DF Std-G

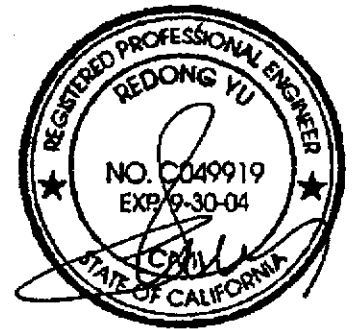
BRACING
 TOP CHORD Sheathed or 6-0-0 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 2=281/26-8-4, 31=12/26-8-4, 32=65/26-8-4, 30=65/26-8-4, 23=209/26-8-4, 24=52/26-8-4, 25=108/26-8-4, 26=97/26-8-4, 27=99/26-8-4, 28=100/26-8-4, 29=74/26-8-4, 40=72/26-8-4, 39=116/26-8-4, 38=94/26-8-4, 37=100/26-8-4, 36=98/26-8-4, 35=99/26-8-4, 34=100/26-8-4
 Max Horz 2=7 (load case 1)
 Max Grav 31=30 (load case 2), 32=65 (load case 1), 30=65 (load case 1), 23=213 (load case 2), 24=52 (load case 4), 25=108 (load case 4), 26=97 (load case 4), 27=99 (load case 1), 28=101 (load case 4), 29=74 (load case 4), 40=104 (load case 2), 39=116 (load case 3), 38=94 (load case 1), 37=100 (load case 3), 36=98 (load case 3), 35=99 (load case 1), 34=101 (load case 3)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=43, 3-4=19, 4-5=20, 5-6=20, 6-7=20, 7-8=20, 8-9=20, 9-10=20, 10-11=14, 11-12=42, 12-13=42, 13-14=14, 14-15=20, 15-16=20, 16-17=20, 17-18=20, 18-19=15, 19-20=31, 20-21=50, 21-22=37
 BOT CHORD 2-40=0, 39-40=0, 38-39=0, 37-38=0, 36-37=0, 35-36=0, 34-35=0, 33-34=0, 32-33=0, 31-32=0, 30-31=0, 29-30=0, 28-29=0, 27-28=0, 26-27=0, 25-26=0, 24-25=0, 23-24=0, 21-23=0
 WEBS 11-32=58, 13-30=58, 20-23=176, 19-24=39, 18-25=88, 17-26=79, 16-27=80, 15-28=81, 14-29=59, 3-40=85, 4-39=82, 5-38=80, 6-37=80, 7-36=80, 8-35=80, 9-34=81, 10-33=59, 11-13=23

- NOTES**
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) All plates are M20 plates unless otherwise indicated.
 - 3) All plates are 1x4 M20 unless otherwise indicated.
 - 4) Gable requires continuous bottom chord bearing.
 - 5) Gable studs spaced at 1-4-0 on center.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 7) A plate rating reduction of 20% has been applied for the green lumber members.
 - 8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard



August 20, 2001

WARNING - Application parameters are based on design conditions and are not to be used for other applications.

Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53718

MiTek Industries, Inc.

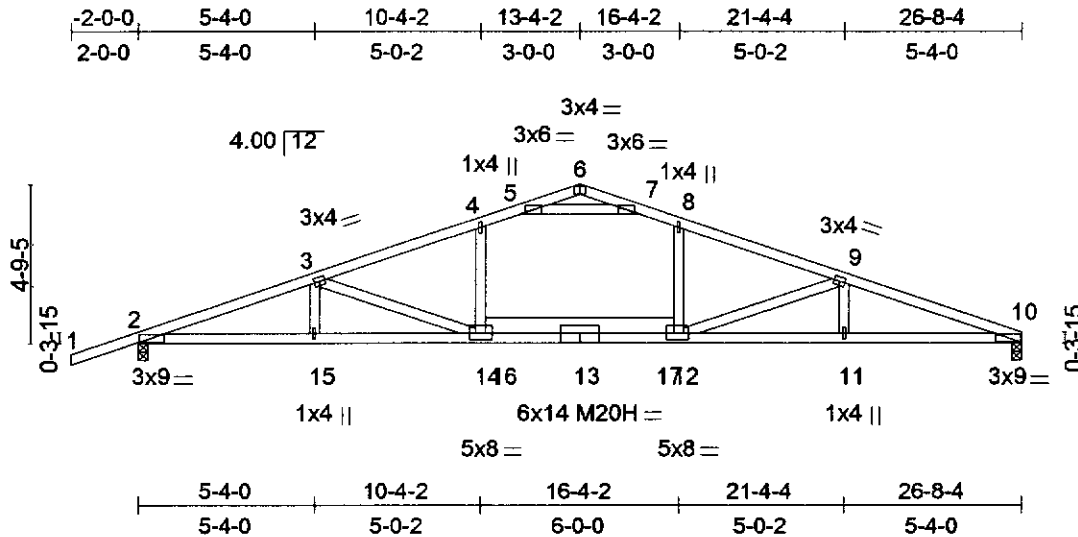


Plate Offsets (X,Y): [12:0-2:0,0-2:4], [13:0-7:0,0-3:4], [14:0-2:0,0-2:4]

LOADING (psf)	SPACING	CSI	DEFL	PLATES GRIP
TCLL 16.0	2-0-0	TC 0.88	Vert(LL) -0.22 11-12 >999	M20 220/195
TCDD 14.0	Plates Increase 1.00	BC 0.81	Vert(TL) -0.46 12-14 >689	M20H 165/146
BCLL 0.0	Lumber Increase 1.25	WB 0.55	Horz(TL) 0.09 10 n/a	Weight: 121 lb
BCDL 7.0	Rep Stress Incr NO	(Matrix)	1st LC LL Min l/def = 360	
	Code UBC97/ANSI95			

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G
 WEBS 2 X 4 DF Std-G *Except*
 12-14 2 X 6 DF No.2-G

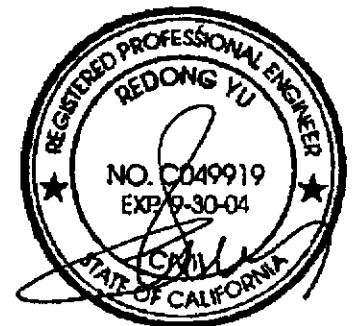
BRACING
 TOP CHORD Sheathed or 3-2-2 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing, Except:
 5-0-0 on center bracing: 12-14.

REACTIONS (lb/size) 10=1161/0-3-8, 2=1301/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=3012, 3-4=2461, 4-5=2207, 5-6=629, 6-7=630, 7-8=2206, 8-9=2463, 9-10=3068
 BOT CHORD 2-15=2801, 14-15=2801, 14-16=2241, 13-16=2259, 13-17=2259, 12-17=2242, 11-12=2869, 10-11=2869
 WEBS 3-15=11, 3-14=569, 4-14=503, 8-12=513, 9-12=642, 9-11=36, 5-7=2929

- NOTES**
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) 200lb AC unit load placed on the bottom chord, 13-4-2 from left end, supported at two points, 5-0-0 apart.
 - 3) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
 - 4) All plates are M20 plates unless otherwise indicated.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 6) A plate rating reduction of 20% has been applied for the green lumber members.
 - 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 1-2=60.0, 2-3=60.0, 3-4=60.0, 4-5=60.0, 5-6=60.0, 6-7=60.0, 7-8=60.0, 8-9=60.0, 9-10=60.0, 2-15=14.0,
 14-15=14.0, 14-16=44.0, 13-16=44.0, 13-17=44.0, 12-17=44.0, 11-12=14.0, 10-11=14.0
 Concentrated Loads (lb)
 Vert: 16=100 17=100



August 20, 2001

WARNING - Verify design parameters and **READ NOTES** carefully before fabrication and erection.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



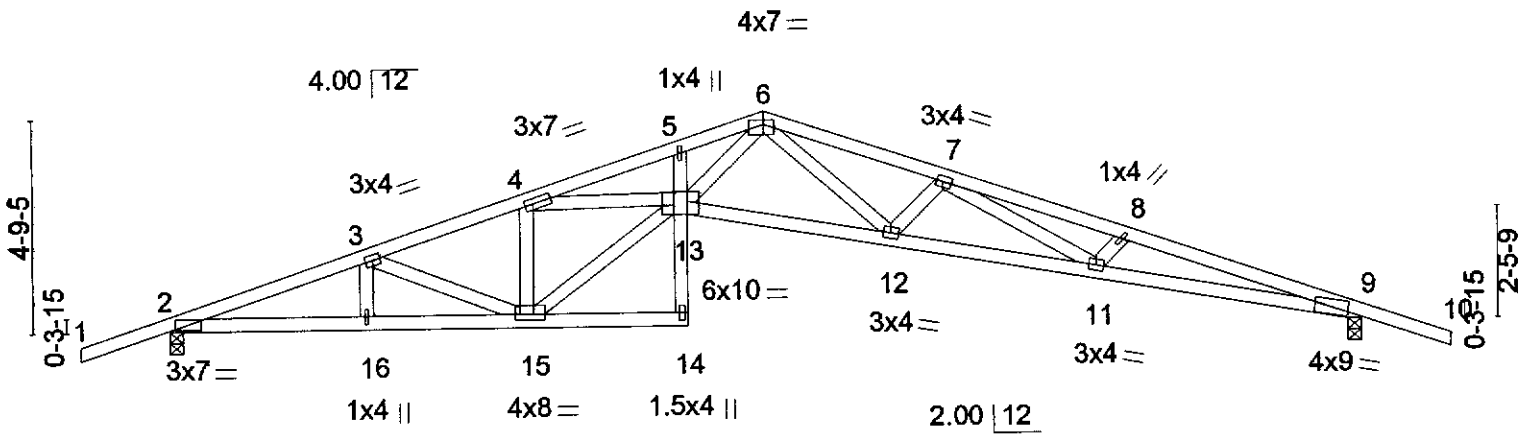
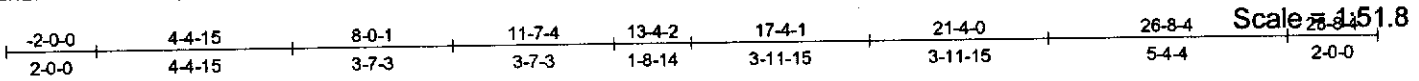


Plate Offsets (X,Y): [4:0-2-0,0-1-8], [6:0-3-0,0-1-4], [7:0-1-8,0-1-8], [9:0-4-4,0-2-0], [13:0-3-4,0-3-8], [15:0-1-8,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.63	Vert(LL) -0.31 12 >999	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.62	Vert(TL) -0.72 12 >439	
BCLL 0.0	Rep Stress Incr YES	WB 1.00	Horz(TL) 0.35 9 n/a	
BCDL 7.0	Code UBC97/ANSI95		1st LC LL Min l/defl = 360	Weight: 122 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G
 WEBS 2 X 4 DF Std-G *Except*
 4-13 2 X 4 DF No.1&Btr-G, 6-13 2 X 4 DF No.1&Btr-G

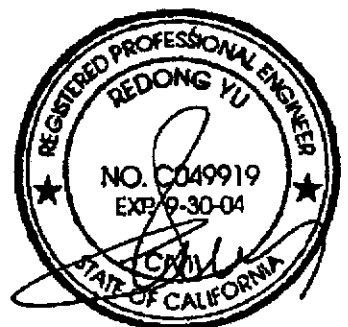
BRACING
 TOP CHORD Sheathed or 2-6-14 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing. Except: 6-0-0 on center bracing.

REACTIONS (lb/size) 2=1106/0-3-8, 9=1105/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=18, 2-3=2472, 3-4=2109, 4-5=4825, 5-6=4825, 6-7=3497, 7-8=4314, 8-9=4476, 9-10=18
 BOT CHORD 2-16=2332, 15-16=2332, 14-15=0, 13-14=24, 5-13=160, 12-13=2809, 11-12=3623, 9-11=4280
 WEBS 3-16=55, 3-15=359, 4-15=1243, 13-15=2459, 4-13=2583, 6-13=2637, 6-12=761, 7-12=410, 7-11=617, 8-11=201

- NOTES**
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) All plates are M20 plates unless otherwise indicated.
 - 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 4) A plate rating reduction of 20% has been applied for the green lumber members.
 - 5) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard



August 20, 2001

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-88 Quality Standard**, **DSB-89 Bracing Specification**, and **HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



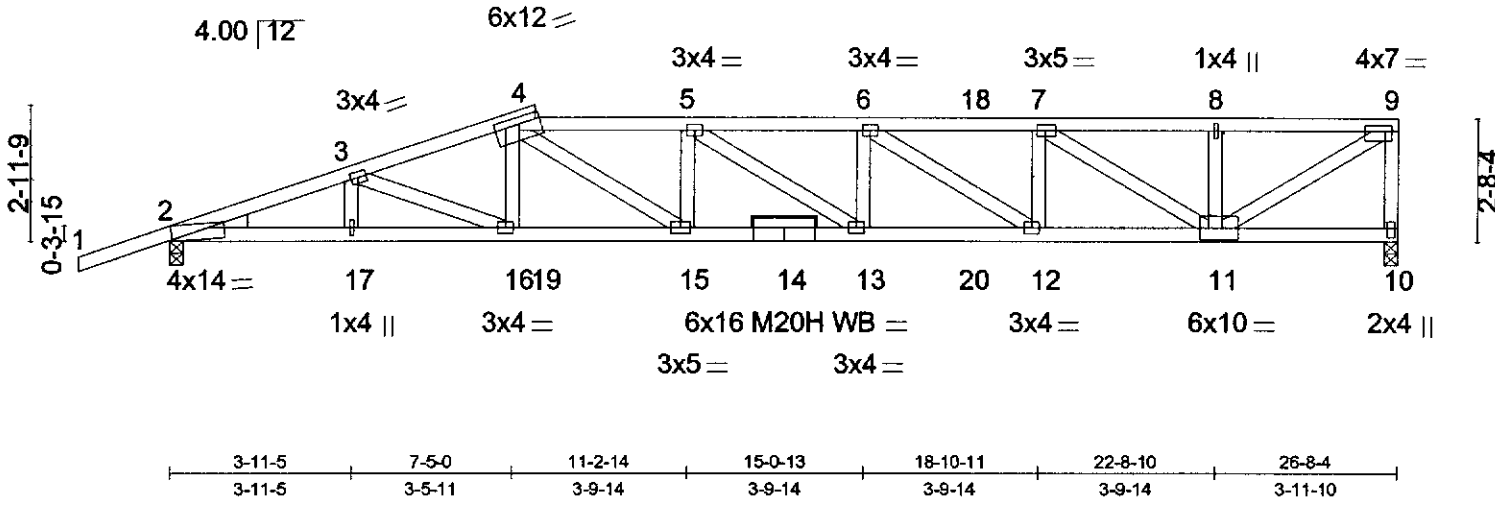
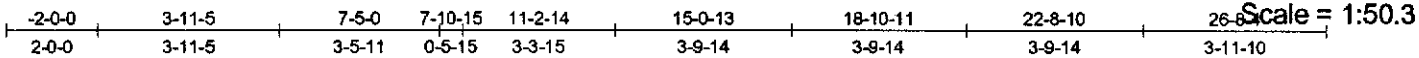


Plate Offsets (X,Y): [2:0-0-7,edge], [4:0-6-8,0-1-12], [7:0-2-4,0-1-8], [9:0-1-12,0-1-8], [10:0-1-0,0-2-4], [11:0-4-4,0-3-0], [14:0-8-0,edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.89	Vert(LL) -0.30 15 >999	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.96	Vert(TL) -0.69 13-15 >459	M20H 165/146
BCLL 0.0	Rep Stress Incr NO	WB 0.70	Horz(TL) 0.17 10 n/a	
BCDL 7.0	Code UBC97/ANSI95		1st LC LL Min l/defl = 360	Weight: 129 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G
 WEBS 2 X 4 DF Std-G *Except*
 4-15 2 X 4 DF No.1&Btr-G, 5-13 2 X 4 DF No.1&Btr-G
 6-12 2 X 4 DF No.1&Btr-G, 7-11 2 X 4 DF No.1&Btr-G
 9-11 2 X 4 DF No.1&Btr-G

BRACING
 TOP CHORD Sheathed or 1-7-13 on center purlin spacing, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing, Except: 6-0-0 on center bracing: 10-11.

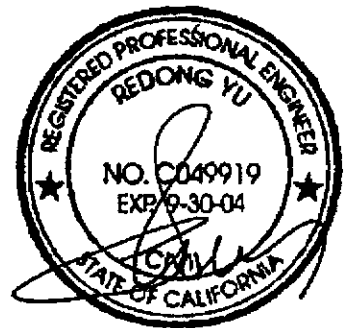
WEDGE
 Left: 2 X 4 DF Std

REACTIONS (lb/size) 10=2427/0-3-8, 2=2327/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=18, 2-3=6058, 3-4=5967, 4-5=6727, 5-6=6690, 6-18=5557, 7-18=5557, 7-8=3327, 8-9=3327, 9-10=2362
 BOT CHORD 2-17=5711, 16-17=5711, 16-19=5723, 15-19=5723, 14-15=6727, 13-14=6727, 13-20=6690, 12-20=6690, 11-12=5557, 10-11=0
 WEBS 3-17=124, 3-16=20, 4-16=117, 4-15=1198, 5-15=524, 5-13=43, 6-13=153, 6-12=1337, 7-12=840, 7-11=2631, 8-11=557, 9-11=3926

NOTES
 1) This truss has been checked for unbalanced loading conditions.
 2) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
 3) Provide adequate drainage to prevent water ponding.
 4) All plates are M20 plates unless otherwise indicated.
 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 6) A plate rating reduction of 20% has been applied for the green lumber members.
 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 1-2=60.0, 2-3=60.0, 3-4=60.0, 4-5=145.6, 5-6=145.6, 6-18=145.6, 7-18=145.6, 7-8=145.6, 8-9=145.6,
 2-17=34.0, 16-17=34.0, 16-19=34.0, 15-19=34.0, 14-15=34.0, 13-14=34.0, 13-20=34.0, 12-20=34.0,
 11-12=34.0, 10-11=34.0
 Concentrated Loads (lb)
 Vert: 4=520



August 20, 2001

WARNING Verify design and installation with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

MiTek Industries, Inc.

Job	Truss	Truss Type	Qty	Ply	TAPIA FIRE REST. 7838 DEER CREEK DRIVE	R398637
DHTAPIA	BH2	CAL HIP	1	1		

GENERAL TRUSS CO., INC., SACRAMENTO, CA 95828

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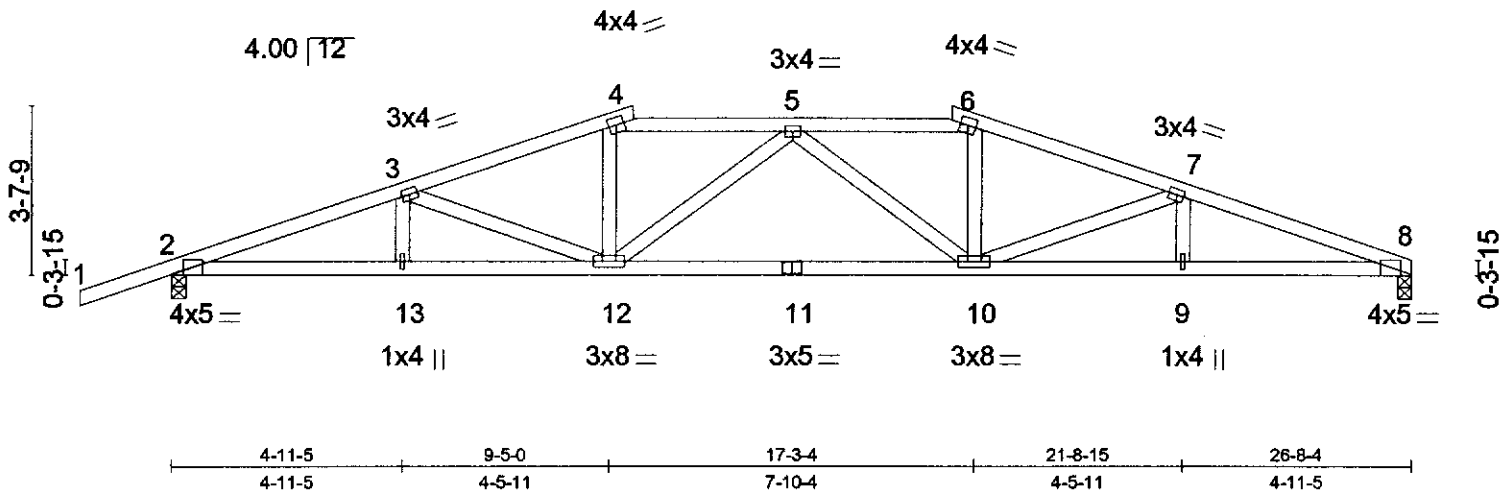
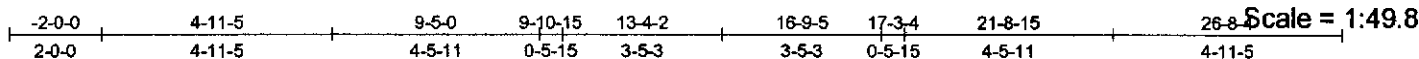


Plate Offsets (X,Y): 2:0-2-14,edge], 8:0-2-14,edge]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	(in)	(loc)	I/defl	PLATES	GRIP
TCLL 16.0	Plates Increase	1.00	TC 0.22	Vert(LL)	-0.15	10-12	>999	M20	220/195
TCDL 14.0	Lumber Increase	1.25	BC 0.56	Vert(TL)	-0.34	10-12	>936		
BCLL 0.0	Rep Stress Incr	YES	WB 0.15	Horz(TL)	0.07	8	n/a		
BCDL 7.0	Code	UBC97/ANSI95		1st LC LL Min I/defl	=	360			Weight: 114 lb

LUMBER
 TOP CHORD 2 X 4 DF No. 1&Btr-G
 BOT CHORD 2 X 4 DF No. 1&Btr-G
 WEBS 2 X 4 DF Std-G

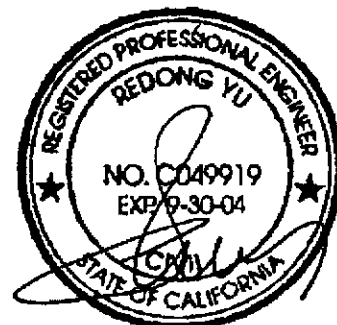
BRACING
 TOP CHORD Sheathed or 3-11-12 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 8=977/0-3-8, 2=1105/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=18, 2-3=2422, 3-4=2025, 4-5=1924, 5-6=1924, 6-7=2025, 7-8=2422
 BOT CHORD 2-13=2287, 12-13=2287, 11-12=2069, 10-11=2069, 9-10=2287, 8-9=2287
 WEBS 3-13=65, 3-12=371, 4-12=330, 5-12=184, 5-10=184, 6-10=330, 7-10=371, 7-9=65

- NOTES
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) Provide adequate drainage to prevent water ponding.
 - 3) All plates are M20 plates unless otherwise indicated.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 5) A plate rating reduction of 20% has been applied for the green lumber members.
 - 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

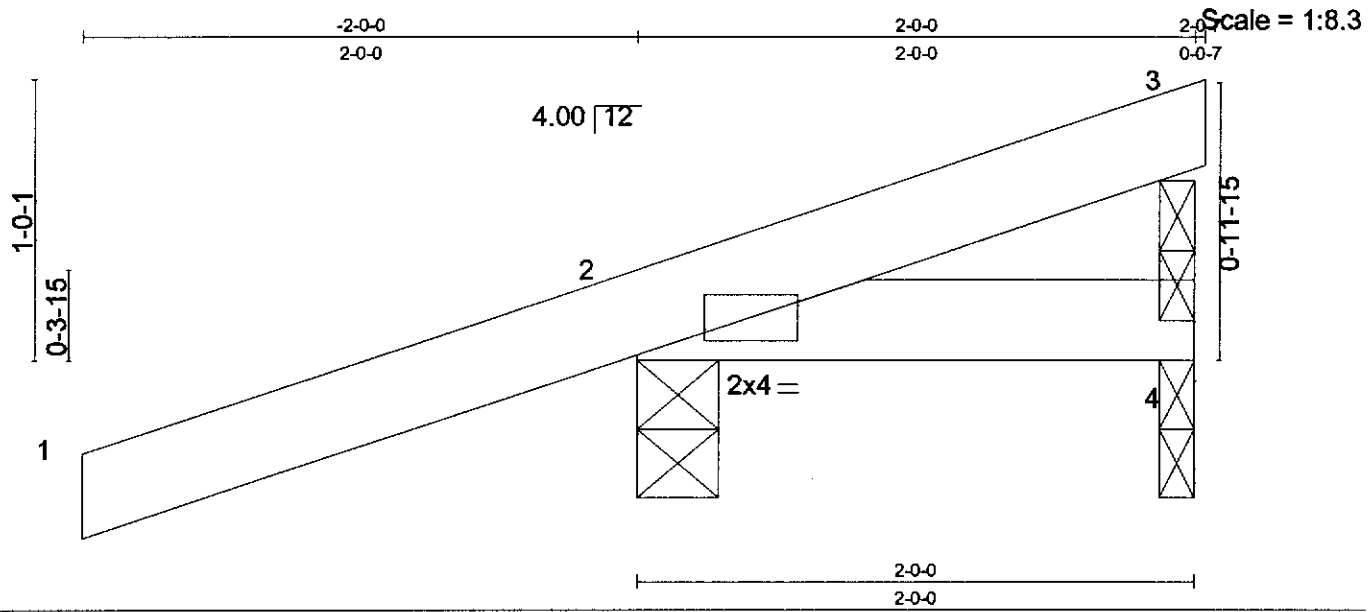


August 20, 2001

WARNING - Verify design parameters and use **READ & FOLLOW** instructions on all MiTek connectors.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-88 Quality Standard**, **DSB-89 Bracing Specification**, and **HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719





LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) <i>V</i> /def	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.19	Vert(LL) -0.00 2 >999	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.02	Vert(TL) 0.05 1-2 >535	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min <i>V</i> /def = 360	Weight: 9 lb

LUMBER
TOP CHORD 2 X 4 DF No.1&Btr-G
BOT CHORD 2 X 4 DF No.1&Btr-G

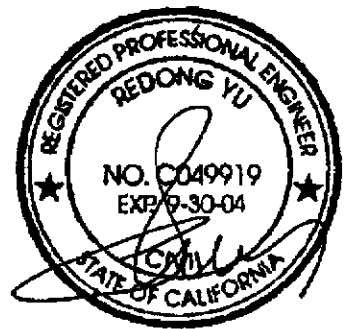
BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 3=-4/0-1-8, 2=257/0-3-8, 4=14/0-1-8
Max Uplift3=-4(load case 1)
Max Grav4=33(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=37, 2-3=-41
BOT CHORD 2-4=0

- NOTES**
- 1) All plates are M20 plates unless otherwise indicated.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 3) A plate rating reduction of 20% has been applied for the green lumber members.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 3, 4.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4 lb uplift at joint 3.
 - 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

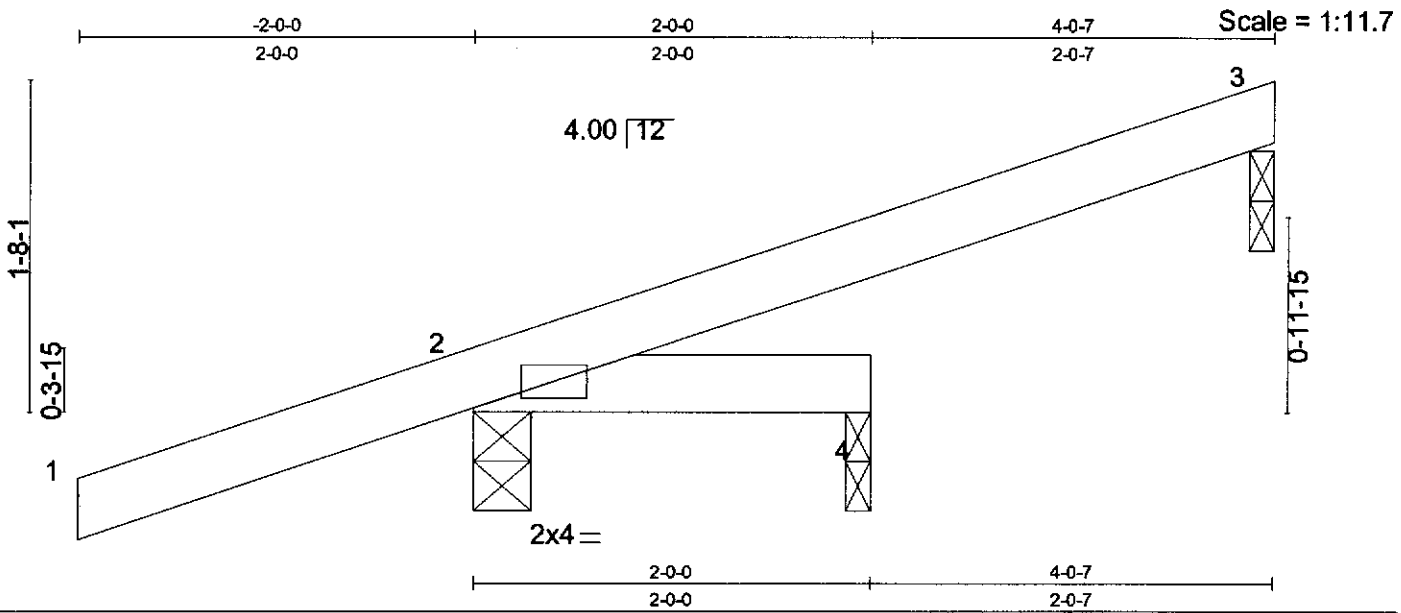
LOAD CASE(S) Standard



August 20, 2001

WARNING - Read Instructions Carefully Before Use. This design is valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

MITek Industries, Inc.



LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) I/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.19	Vert(LL) -0.00 2 >999	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.02	Vert(TL) 0.03 1-2 >934	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min I/defl = 360	Weight: 11 lb

LUMBER
TOP CHORD 2 X 4 DF No.1&Btr-G
BOT CHORD 2 X 4 DF No.1&Btr-G

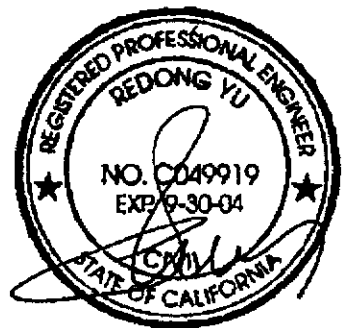
BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 3=87/0-1-8, 2=285/0-3-8, 4=14/0-1-8
Max Grav4=33(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=37, 2-3=49
BOT CHORD 2-4=0

- NOTES**
- 1) All plates are M20 plates unless otherwise indicated.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 3) A plate rating reduction of 20% has been applied for the green lumber members.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 3, 4.
 - 5) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

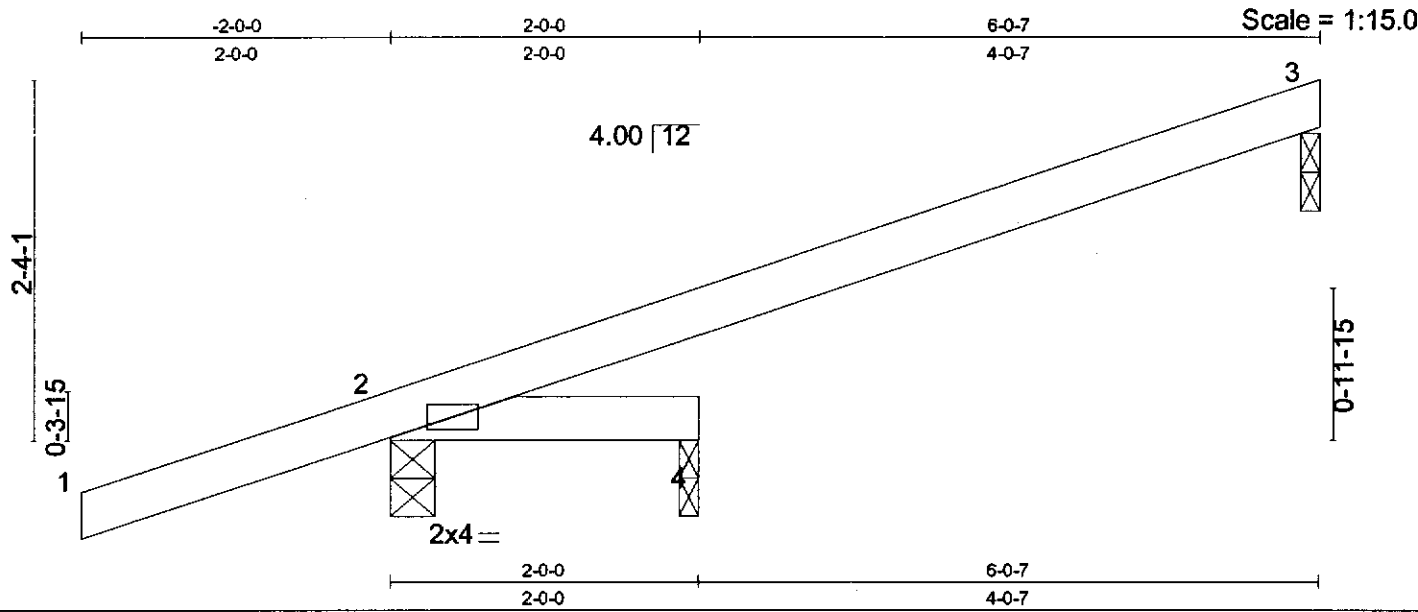


August 20, 2001

WARNING - verify design parameters and READ ALL INSTRUCTIONS before erection.

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) I/def	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.31	Vert(LL) -0.00 2 >999	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.02	Vert(TL) 0.08 1-2 >305	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min I/def = 360	Weight: 14 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G

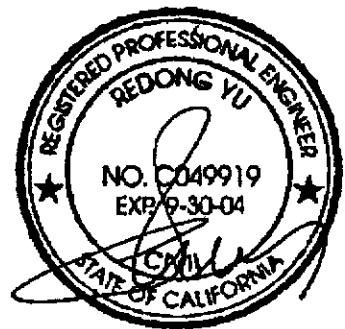
BRACING
 TOP CHORD Sheathed.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 3=158/0-1-8, 2=335/0-3-8, 4=14/0-1-8
 Max Grav4=33(load case 2)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=39
 BOT CHORD 2-4=0

- NOTES**
- 1) All plates are M20 plates unless otherwise indicated.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 3) A plate rating reduction of 20% has been applied for the green lumber members.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 3, 4.
 - 5) This truss has been designed with ANSITPI 1-1995 criteria.

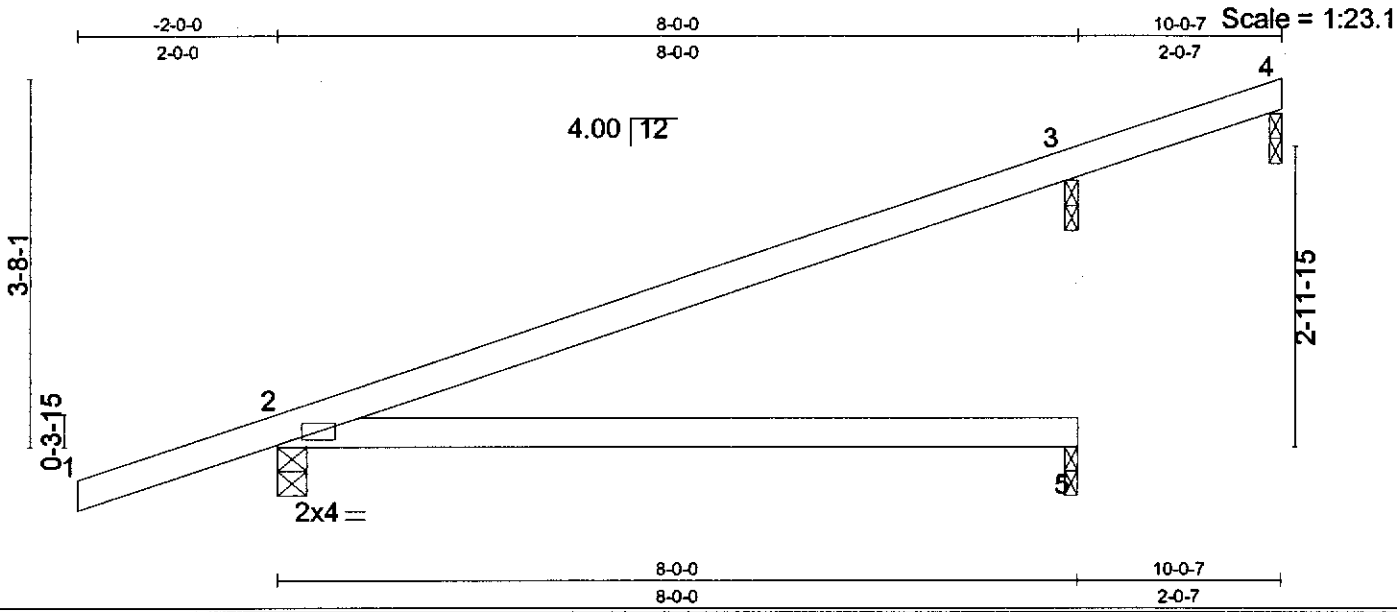
LOAD CASE(S) Standard



August 20, 2001

WARNING - Web members are designed to be used only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-88 Quality Standard**, **DSB-89 Bracing Specification**, and **HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

MiTek Industries, Inc.



LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/def	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.59	Vert(LL) -0.17 2-5 >544	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.39	Vert(TL) 0.29 1-2 >88	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 4 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/def = 360	Weight: 28 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G

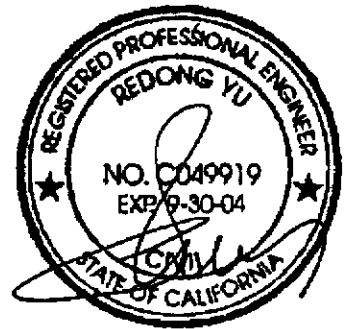
BRACING
 TOP CHORD Sheathed or 6-0-0 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 4=61/0-1-8, 2=435/0-3-8, 5=55/0-1-8, 3=277/0-1-8
 Max Grav 5=132(load case 2), 3=277(load case 1)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=55, 3-4=15
 BOT CHORD 2-5=0

- NOTES**
- 1) All plates are M20 plates unless otherwise indicated.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 3) A plate rating reduction of 20% has been applied for the green lumber members.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4, 5, 3.
 - 5) This truss has been designed with ANSITPI 1-1995 criteria.

LOAD CASE(S) Standard

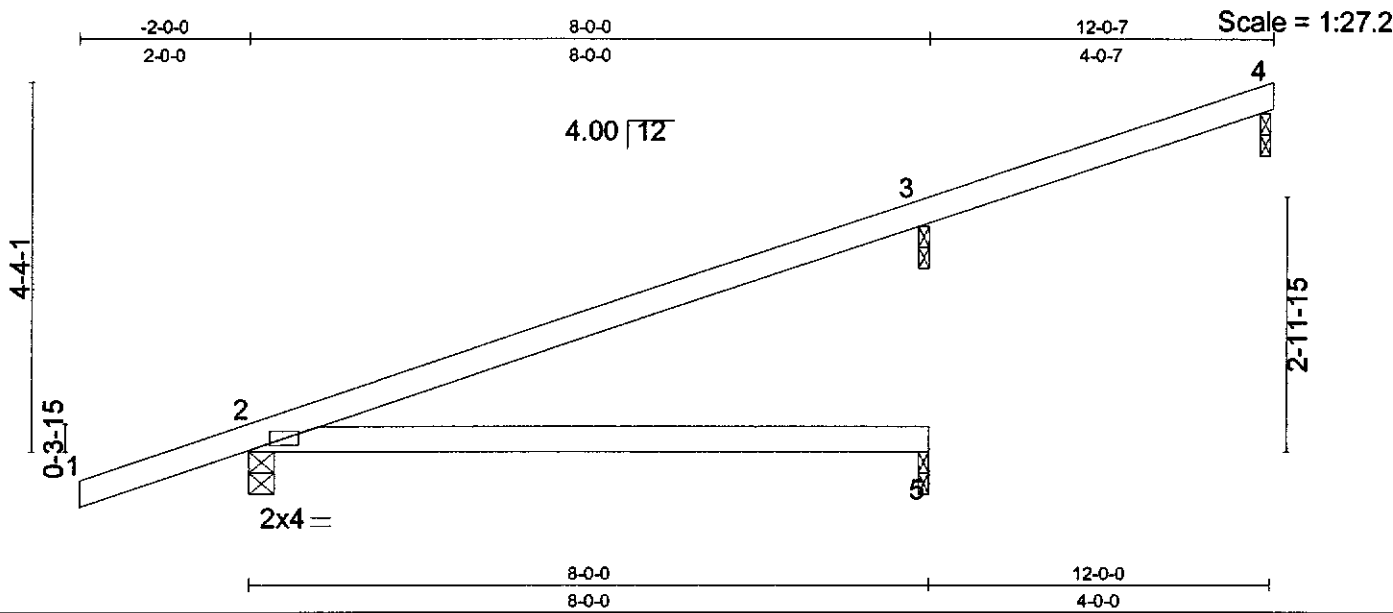


August 20, 2001

WARNING: Verify design parameters shown are ADAPTED to your specific application.

Design valid for use only with MITek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719





LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) V/def	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.59	Vert(LL) -0.17 2-5 >544	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.39	Vert(TL) 0.29 1-2 >88	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min V/def = 360	Weight: 31 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G

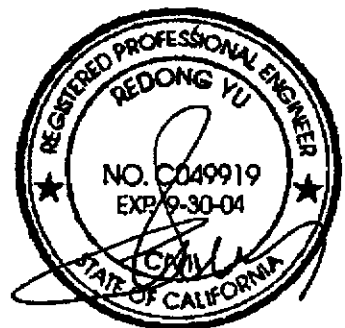
BRACING
 TOP CHORD Sheathed or 6-0-0 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 4=120/0-1-8, 2=435/0-3-8, 5=55/0-1-8, 3=336/0-1-8
 Max Grav 5=132(load case 2), 3=336(load case 1)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=55, 3-4=30
 BOT CHORD 2-5=0

- NOTES**
- 1) All plates are M20 plates unless otherwise indicated.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 3) A plate rating reduction of 20% has been applied for the green lumber members.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4, 5, 3.
 - 5) This truss has been designed with ANSI/TPI 1-1995 criteria.

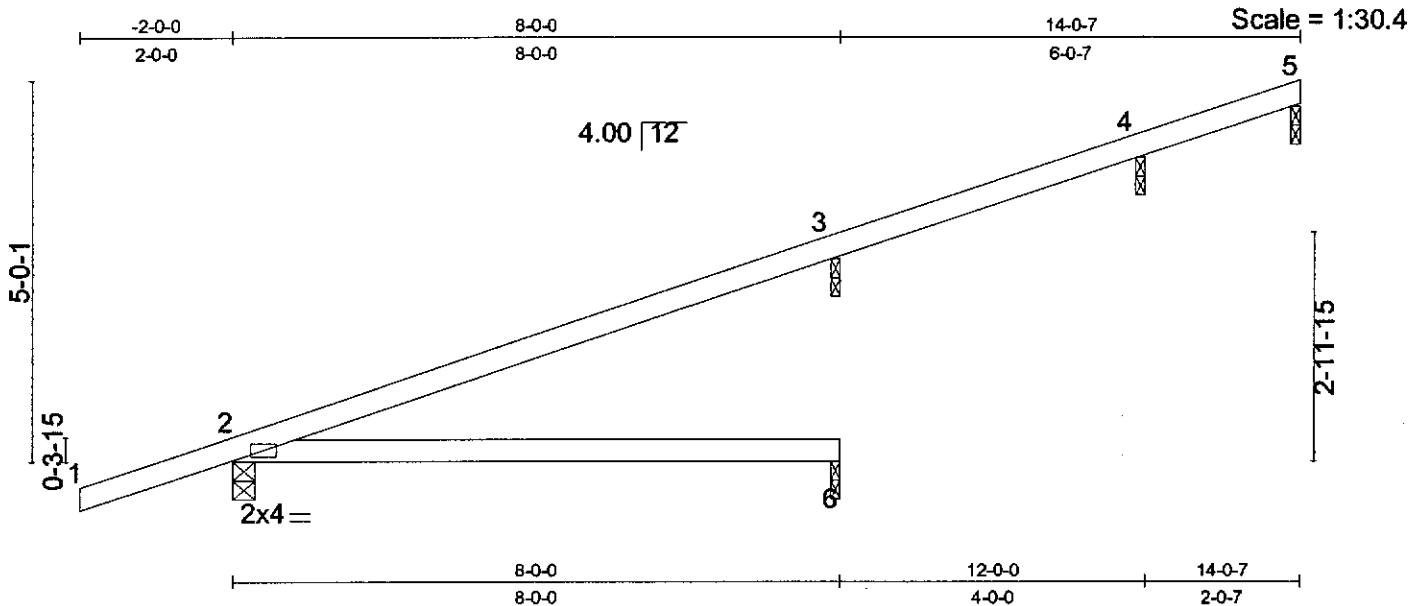
LOAD CASE(S) Standard



August 20, 2001

WARRANTY - This design is valid only for use with MITek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-98 Quality Standard**, **DSB-89 Bracing Specification**, and **HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) V/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.59	Vert(LL) -0.17 2-6 >544	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.39	Vert(TL) 0.29 1-2 >88	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 5 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min V/defl = 360	Weight: 34 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G

BRACING
 TOP CHORD Sheathed or 6-0-0 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 5=61/0-1-8, 2=435/0-3-8, 6=55/0-1-8, 3=336/0-1-8, 4=181/0-1-8
 Max Grav 6=132(load case 2), 3=336(load case 1), 4=181(load case 1)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=55, 3-4=30, 4-5=15
 BOT CHORD 2-6=0

- NOTES**
- 1) All plates are M20 plates unless otherwise indicated.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 3) A plate rating reduction of 20% has been applied for the green lumber members.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5, 6, 3, 4.
 - 5) This truss has been designed with ANSVTP1 1-1995 criteria.

LOAD CASE(S) Standard



August 20, 2001

WARNING - Verify all design parameters and conditions before construction. Do not alter design without written approval.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

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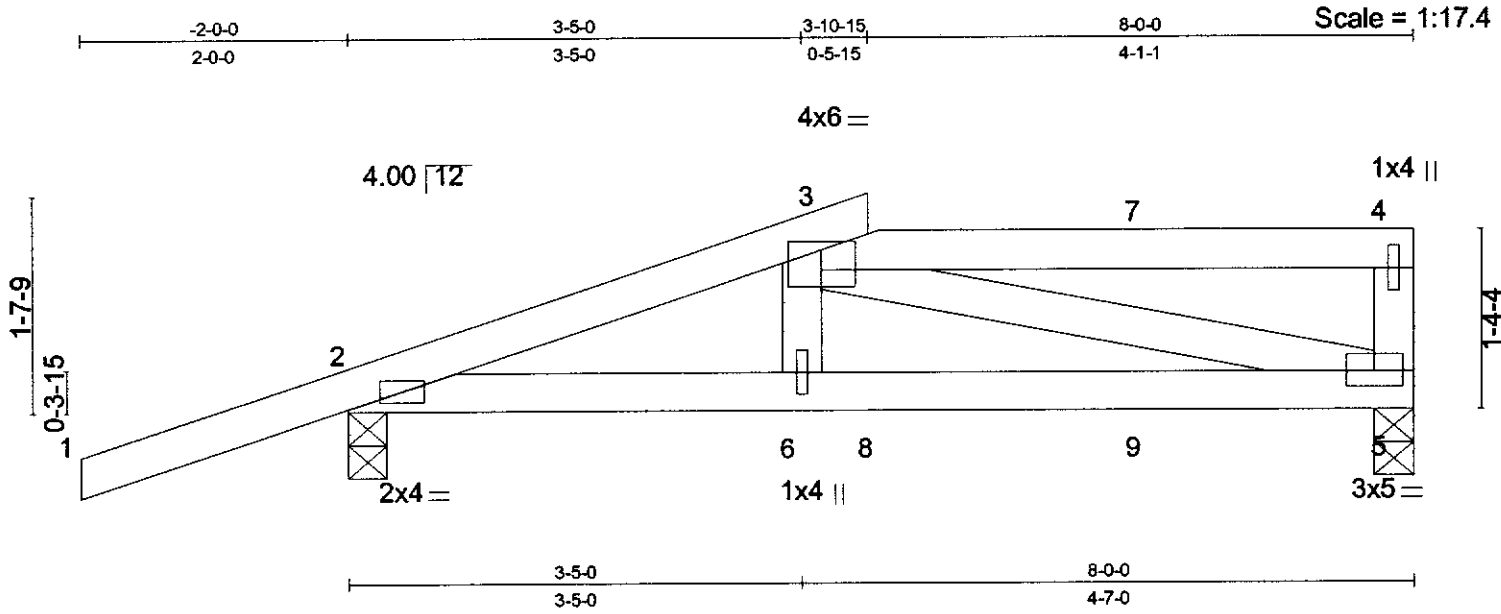


Plate Offsets (X,Y): [3:0-3:0,0-0-12]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.31	Vert(LL) -0.01 6 >999	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.22	Vert(TL) -0.03 6 >999	
BCLL 0.0	Rep Stress Incr NO	WB 0.30	Horz(TL) 0.01 5 n/a	
BCDL 7.0	Code UBC97/ANSI95		1st LC LL Min l/defl = 360	Weight: 33 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G
 WEBS 2 X 4 DF Std-G

BRACING
 TOP CHORD Sheathed or 6-0-0 on center purlin spacing, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 5=432/0-3-8, 2=523/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=18, 2-3=873, 3-7=0, 4-7=0, 4-5=-184
 BOT CHORD 2-6=834, 6-8=823, 8-9=823, 5-9=823
 WEBS 3-6=78, 3-5=848

- NOTES**
- 1) This truss has been checked for unbalanced loading conditions.
 - 2) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
 - 3) Provide adequate drainage to prevent water ponding.
 - 4) All plates are M20 plates unless otherwise indicated.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 6) A plate rating reduction of 20% has been applied for the green lumber members.
 - 7) This truss has been designed with ANSITP1 1-1995 criteria.

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 1-2=-60.0, 2-3=-60.0, 3-7=-85.6, 4-7=-85.6, 2-6=-20.0, 6-8=-20.0, 8-9=-20.0, 5-9=-20.0
 Concentrated Loads (lb)
 Vert: 3=-100

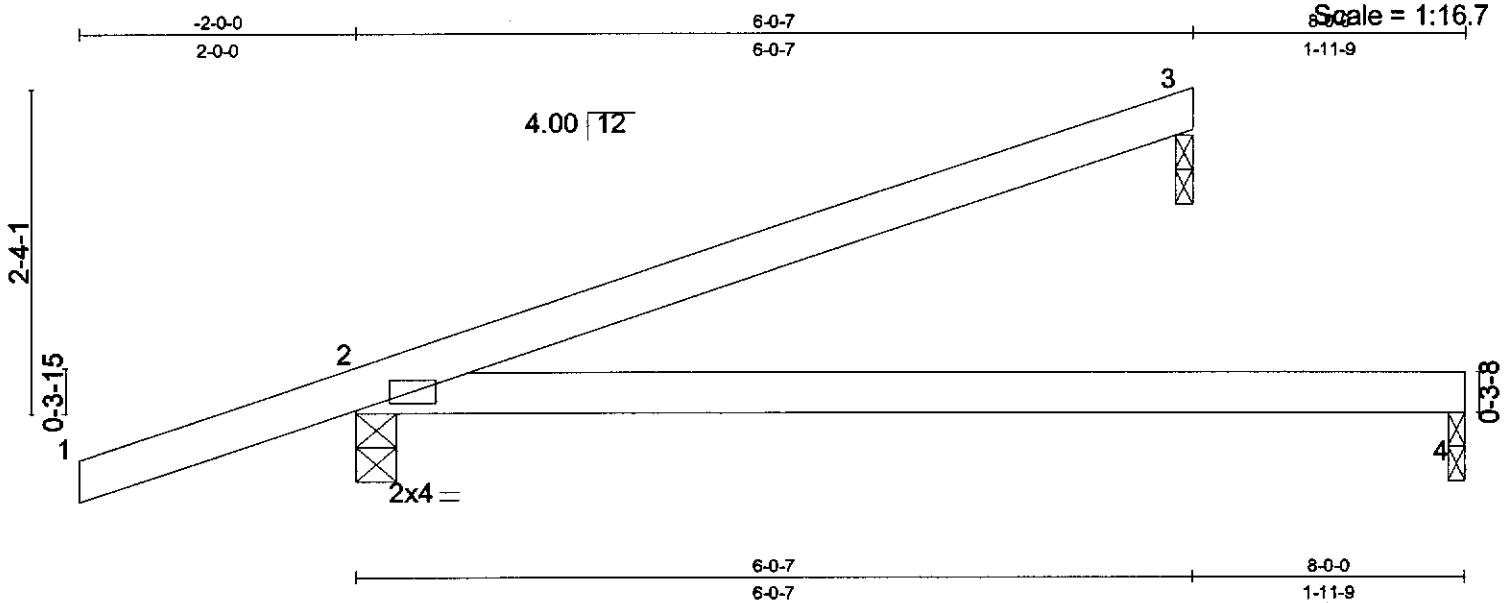


August 20, 2001

WARNING *Verwenden Sie dieses Produkt nur mit den richtigen Anweisungen.*

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.29	Vert(LL) -0.17 2-4 >544	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.39	Vert(TL) -0.29 2-4 >320	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 22 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G

BRACING
 TOP CHORD Sheathed or 6-0-0 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 3=151/0-1-8, 2=382/0-3-8, 4=55/0-1-8
 Max Grav4=132(load case 2)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=38
 BOT CHORD 2-4=0

NOTES

- 1) All plates are M20 plates unless otherwise indicated.
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
- 3) A plate rating reduction of 20% has been applied for the green lumber members.
- 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 3, 4.
- 5) This truss has been designed with ANS/TPI 1-1995 criteria.

LOAD CASE(S) Standard



August 20, 2001

WARNING - Verify design parameters and load conditions with MiTek Industries, Inc. before use.

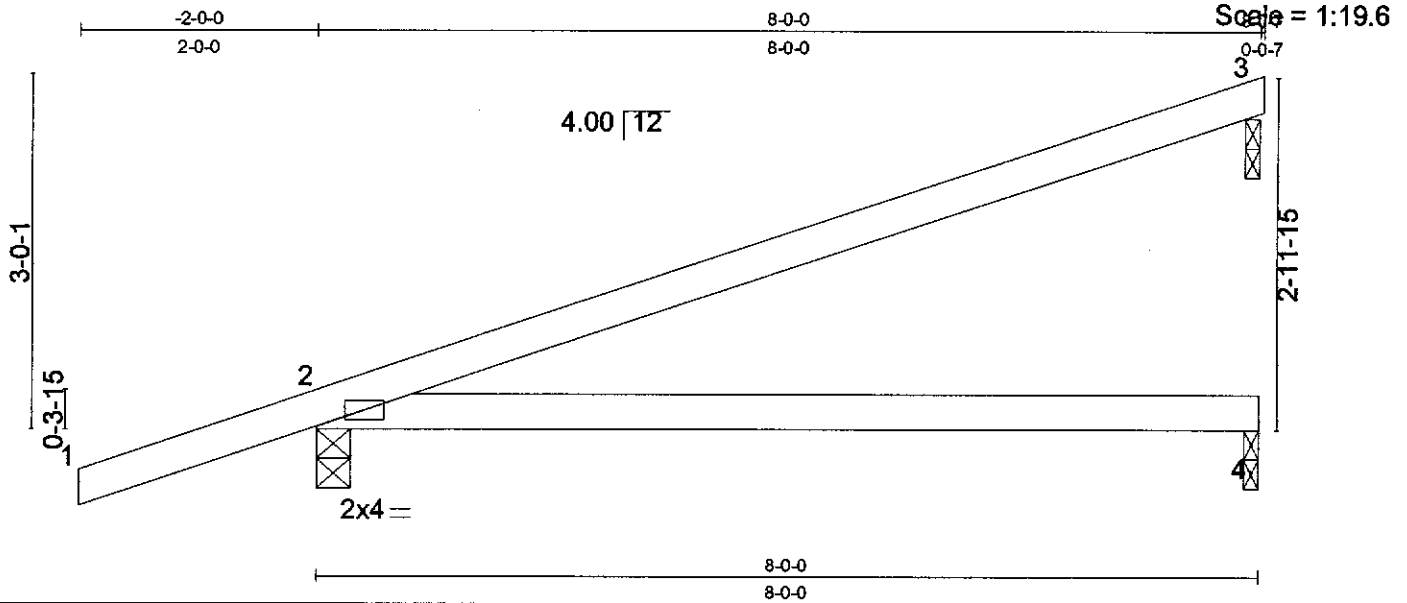
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-88 Quality Standard**, **DSB-89 Bracing Specification**, and **HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719



Job DHTAPIA	Truss J88	Truss Type JACK	Qty 1	Ply 1	TAPIA FIRE REST. 7838 DEER CREEK DRIVE	R398648
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GENERAL TRUSS CO., INC., SACRAMENTO, CA 95828

4.0-32 s Oct 7 1999 MiTek Industries, Inc. Mon Aug 20 09:40:28 2001 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.59	Vert(LL) -0.17 2-4 >544	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.39	Vert(TL) 0.29 1-2 >88	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 25 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G

BRACING
 TOP CHORD Sheathed or 6-0-0 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 3=216/0-1-8, 2=435/0-3-8, 4=55/0-1-8
 Max Grav 4=132(load case 2)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=55
 BOT CHORD 2-4=0

NOTES

- 1) All plates are M20 plates unless otherwise indicated.
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
- 3) A plate rating reduction of 20% has been applied for the green lumber members.
- 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 3, 4.
- 5) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

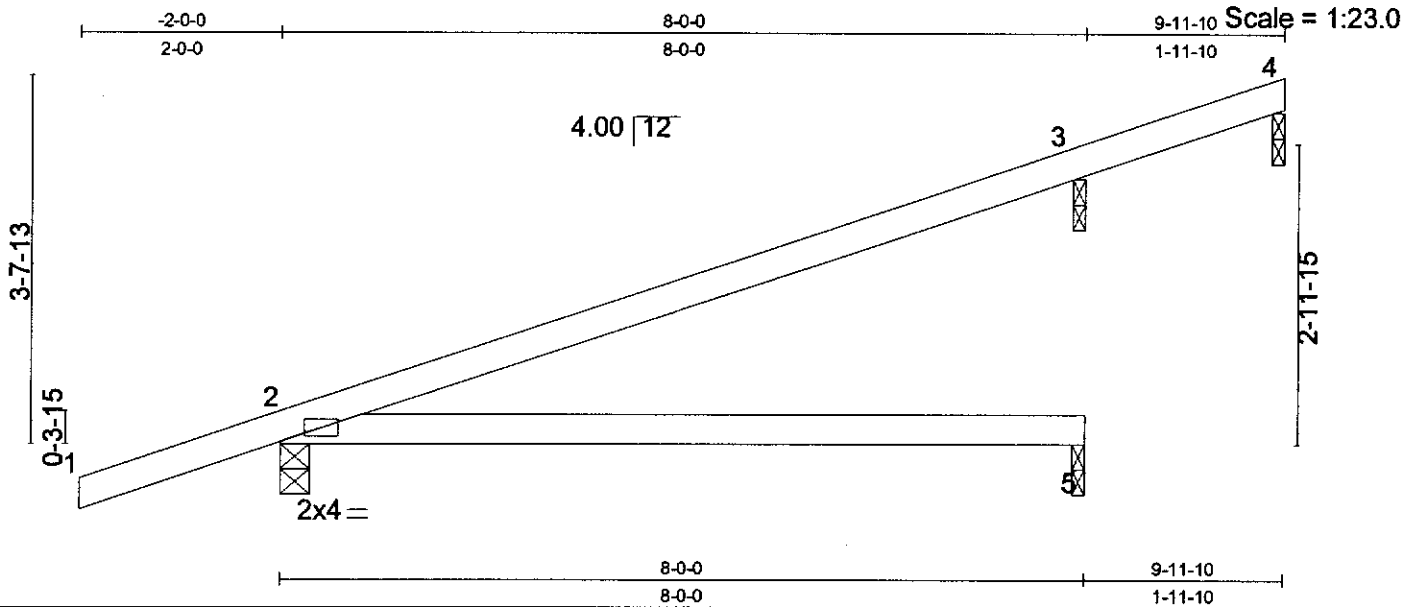


August 20, 2001

WARNING - This product is not to be used for structural purposes unless specifically designed for such.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult **QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/def	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.59	Vert(LL) -0.17 2-5 >544	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.39	Vert(TL) 0.29 1-2 >88	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 4 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/def = 360	Weight: 28 lb

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr-G
 BOT CHORD 2 X 4 DF No.1&Btr-G

BRACING
 TOP CHORD Sheathed or 6-0-0 on center purlin spacing.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 4=59/0-1-8, 2=435/0-3-8, 5=55/0-1-8, 3=275/0-1-8
 Max Grav 5=132(load case 2), 3=275(load case 1)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=37, 2-3=55, 3-4=15
 BOT CHORD 2-5=0

- NOTES**
- 1) All plates are M20 plates unless otherwise indicated.
 - 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 3) A plate rating reduction of 20% has been applied for the green lumber members.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4, 5, 3.
 - 5) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard



August 20, 2001

WARNING - Verify design parameters and READ NOTES FIRST before erection. Do not alter design without written approval.

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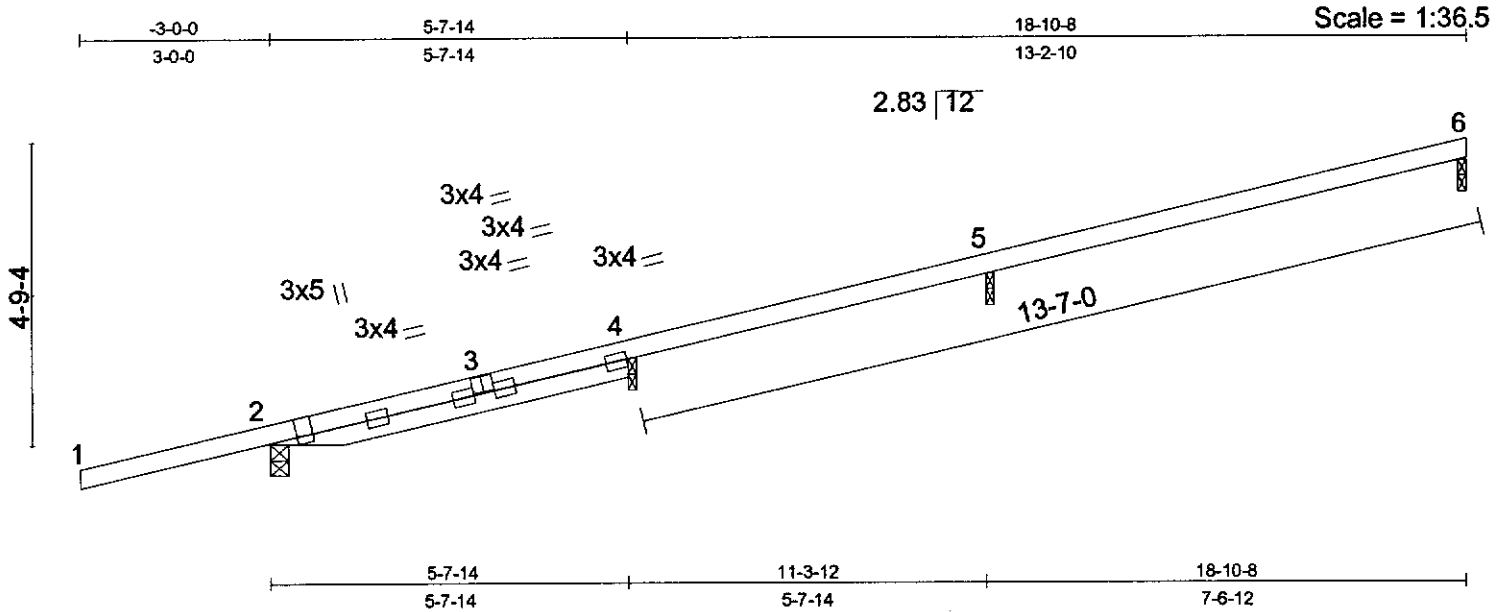


Plate Offsets (X,Y): [2:0-3-4,edge], [3:0-0-0,0-1-8], [3:0-0-0,0-1-8]				
LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/def	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.49	Vert(LL) n/a - n/a	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.00	Vert(TL) 0.14 1-2 >258	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 6 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/def = 360	Weight: 38 lb

LUMBER
TOP CHORD 2 X 4 DF No.1&Btr-G

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 0-0-0 on center bracing.

REACTIONS (lb/size) 6=180/0-1-8, 2=377/0-3-8, 4=273/0-1-8, 5=478/0-1-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=41, 2-3=38, 3-4=41, 4-5=49, 5-6=31

NOTES

- 1) All plates are M20 plates unless otherwise indicated.
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
- 3) A plate rating reduction of 20% has been applied for the green lumber members.
- 4) Bearing at joint(s) 2 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- 5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 6, 4, 5.
- 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

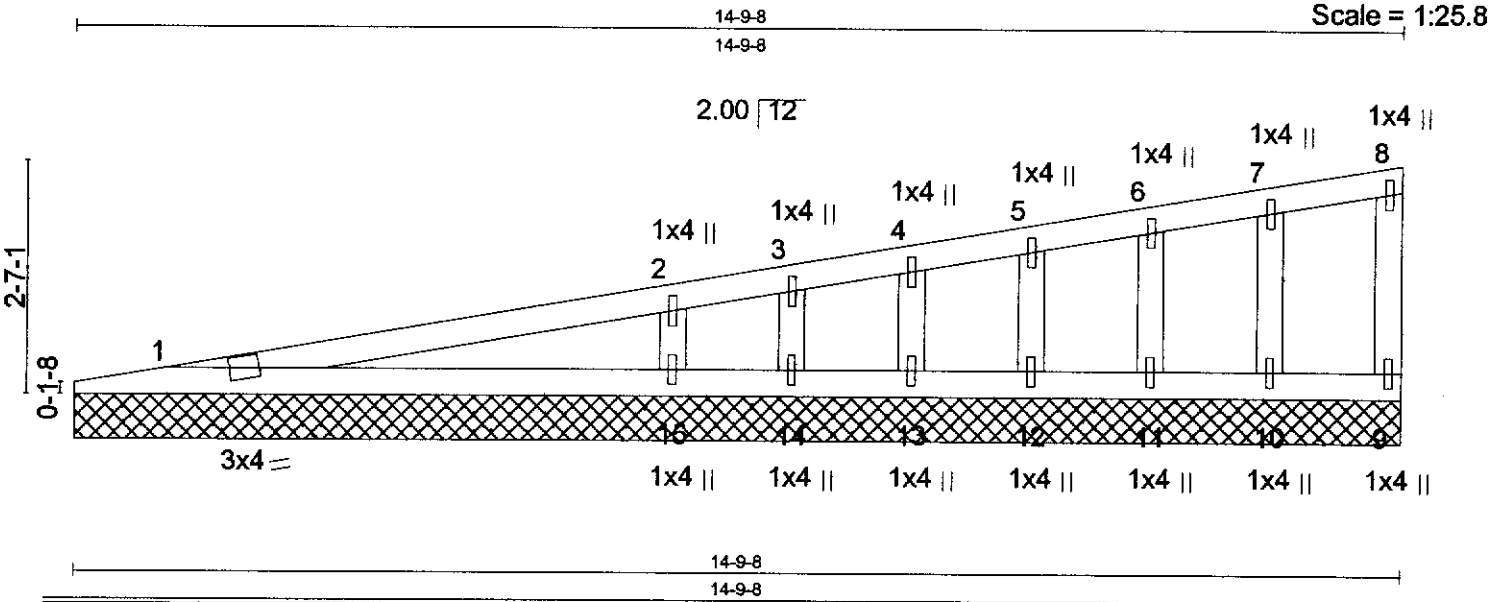


August 20, 2001

WARNA - Verify all design parameters and READ ALL NOTES, CONDITIONS, RETURNS, and REVISIONS.

Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult QST-88 Quality Standard, DSB-89 Bracing Specification, and HIB-91 Handling Installation and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719





LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.26	Vert(LL) n/a - n/a	M20 220/195
TCDL 14.0	Lumber Increase 1.25	BC 0.17	Vert(TL) n/a - n/a	
BCLL 0.0	Rep Stress Incr YES	WB 0.04	Horz(TL) 0.00 n/a	
BCDL 7.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 52 lb

LUMBER
TOP CHORD 2 X 4 DF No.1&Btr-G
BOT CHORD 2 X 4 DF No.1&Btr-G
WEBS 2 X 4 DF Std-G
OTHERS 2 X 4 DF Std-G

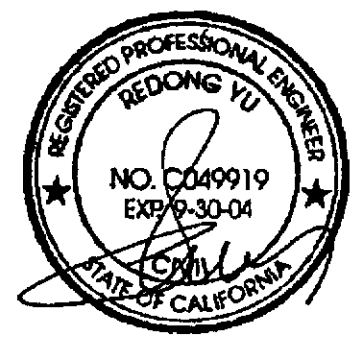
BRACING
TOP CHORD Sheathed or 6-0-0 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 1=166/14-9-8, 9=44/14-9-8, 15=519/14-9-8, 14=170/14-9-8, 13=161/14-9-8, 12=85/14-9-8, 11=101/14-9-8, 10=102/14-9-8
Max Horz 1=2(load case 1), 9=2(load case 1)
Max Uplift 14=170(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-3=33, 3-4=9, 4-5=10, 5-6=4, 6-7=9, 7-8=3, 8-9=35
BOT CHORD 1-15=0, 14-15=0, 13-14=0, 12-13=0, 11-12=0, 10-11=0, 9-10=0
WEBS 2-15=375, 3-14=100, 4-13=118, 5-12=73, 6-11=81, 7-10=83

- NOTES**
- 1) All plates are M20 plates unless otherwise indicated.
 - 2) Gable requires continuous bottom chord bearing.
 - 3) Gable studs spaced at 1-4-0 on center.
 - 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-B, UBC-97.
 - 5) A plate rating reduction of 20% has been applied for the green lumber members.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 170 lb uplift at joint 14.
 - 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard



August 20, 2001

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MiTek Industries, Inc.