

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0408321

Insp Area: 4
Thos Bros: 257C3
Sub-Type: RES
Housing (Y/N): Y

Site Address: 1811 DAWNELLE WY SAC
Parcel No: 201-0770-093

CONTRACTOR
DH CONSTRUCTION
4324 ORANGE GROVE AV
SACRAMENTO CA 95841

OWNER
KAHN
1811 DAWNELLE WAY
SACRAMENTO CA

ARCHITECT

Nature of Work: F040012048--FIRE REPAIR TO SFD. STUCCO, FLOOR, PLUMBING INSULATION, TRUSS, DRYWALL.

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 _____ 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 5/27/04 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 FUND Policy Number 713-0010769-02 Exp Date 01/01/2005

(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 5/27/04 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.

ABC INSULATION & SUPPLY CO.

11386 AMALGAM WAY
RANCHO CORDOVA, CA 95670

Phone (916) 635-7171

Fax (916) 635-7717

State License No. 369263

THIS IS TO CERTIFY THAT INSULATION HAS BEEN INSTALLED IN CONFORMANCE WITH CURRENT ENERGY REGULATIONS, CALIFORNIA ADMINISTRATIVE CODE, TITLE 24, STATE OF CALIFORNIA, IN THE BUILDING LOCATED AT:

LOT# _____ TRACT _____

STREET 1811 Dawnelle Ave CITY Sacramento

EXTERIOR WALLS:

Manufacturer N/A Thickness _____ R Value _____

CEILINGS:

Batts
Manufacturer N/A Thickness _____ R Value _____

Blown In
Manufacturer Greenfiber Thickness 10.3" R Value 38

Square footage covered 1187

Garage ceiling - living space above
Manufacturer N/A Thickness _____ R Value _____

FLOORS:

Manufacturer N/A Thickness _____ R Value _____

POLYSEAL/CAULK PER TITLE 24: N/A

REC'D AUG 09 2004

GENERAL CONTRACTOR _____

CALIFORNIA CONTRACTORS LICENSE# _____ DATE _____

SIGNATURE

TITLE

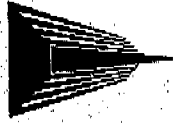
INSULATION CONTRACTOR ABC INSULATION & SUPPLY CO. DATE 8-6-04

[Signature]

SIGNATURE

office manager

TITLE



IPEX

Committed to Excellence

*In recognition for your dedication to continued education,
this Certificate of Achievement is presented to*

JIM DAVENPORT

for successful completion of the

OKITEC

PIPE AND FITTINGS CERTIFICATION COURSE

1-1-03
Date

Sacramento Stucco Co., Inc.

WESTERN ONE KOTE STUCCO SYSTEM

This Certifies That
CREATIVE STUCCO

Oscar Lazo

6814

HAS MET AND COMPLIED WITH ALL REQUIREMENTS TO BE AN
APPROVED APPLICATOR OF THE WESTERN ONE KOTE STUCCO
SYSTEM

Applicator #750

November 13, 2003

Date Issued

Meguid
Approved By

FROM :

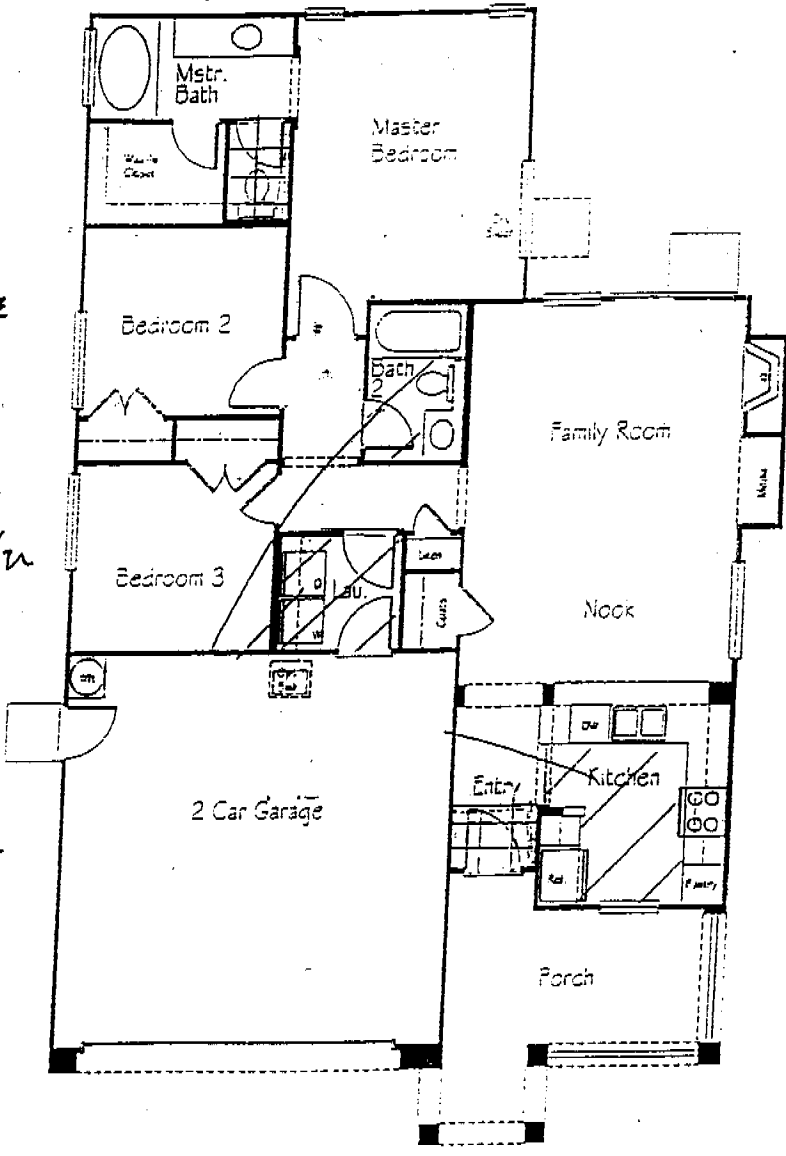
FAX NO. : 9167746703

JUL 1 07 2004 12:16PM P 1

FIRE REPAIR SCOPE OF WORK

FLOOR PLAN

1. TRUSS REPLACEMENTS
2. ELECTRICAL REPAIRS
3. REPLACE HEAT & AIR DUCTING
4. PLUMBING VENTS & FIXTURES
5. INSULATION REPLACE SOME
6. REPLACE TILE ROOF
7. DRYWALL REPAIR & REPLACE
8. REPLACE 1 PATIO DECK SLIDER
9. MINOR STUCCO REPAIRS
10. FLOOR COVERINGS
11. PAINT INTERIOR & EXTERIOR COMPLETE
12. PERMITS & FEES



PLAN 1170

1,170 sq. ft.
3 Bedrooms • 2 Baths



This set of plans and specifications must be approved by the local building department. It is unlawful to construct or alter any structure from the information shown on these plans without the approval of the local building department.





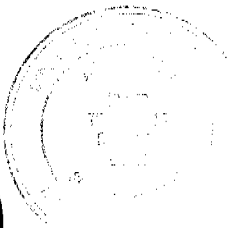
MiTek Industries, Inc.

7777 Greenback Lane
Suite 109
Citrus Heights, CA, 95610
Telephone 916/676-1900
Fax 916/676-1909

Re: BEAZER
DH CONST - BEAZER 1170B - BURN JOB

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: R12328670 thru R12328685
My license renewal date for the state of California is June 30, 2005.



The seal on these drawings must be used in accordance with the provisions of the California Engineering Board and the State Board of Professional Engineers and Surveyors. The seal is not to be used for any other purpose.

May 26, 2004

Anderson, Bob

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.

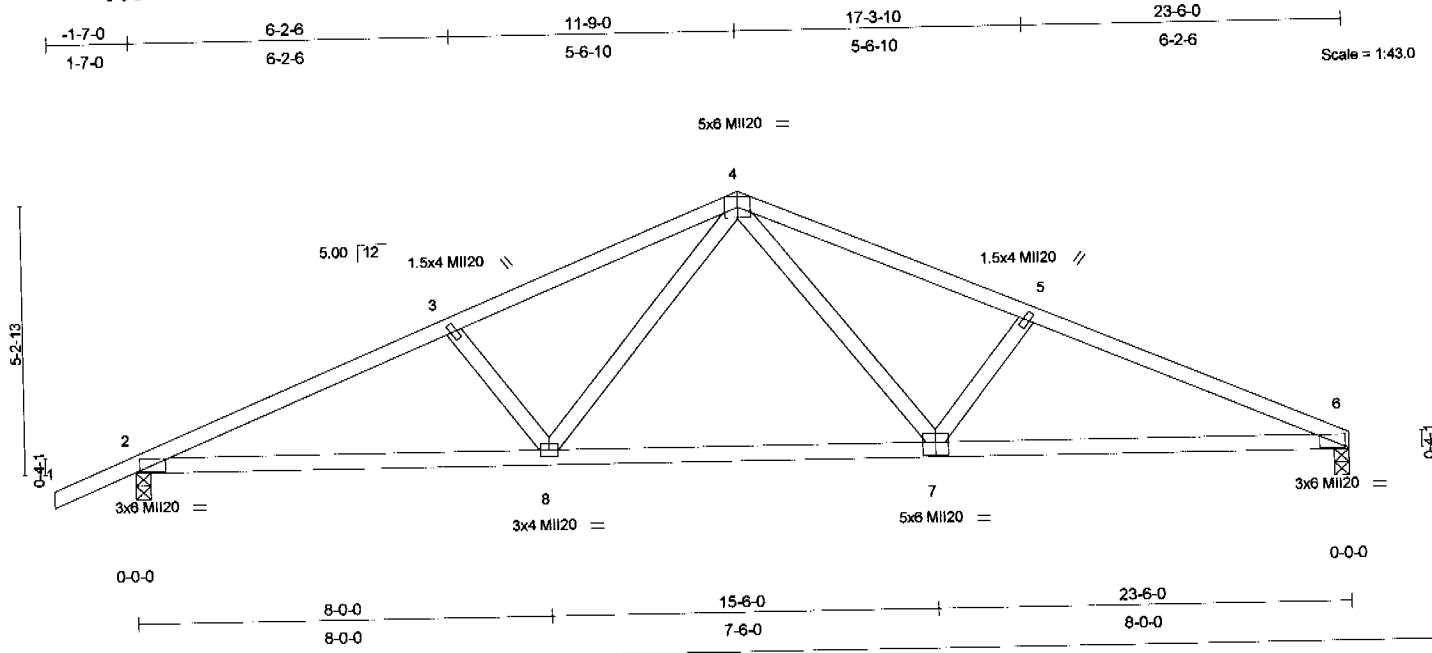


Plate Offsets (X,Y): [7-0-3-0,0-3-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.29	Vert(LL) -0.08 6-7 >999	MI120	220/195
TCDL 18.0	Lumber Increase 1.25	BC 0.42	Vert(TL) -0.21 6-7 >999		
BCLL 0.0	Rep Stress Incr NO	WB 0.24	Horz(TL) 0.05 6 n/a		
BCDL 8.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 240	Weight: 93 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 4-5-12 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 6=970/0-3-8, 2=1097/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=40, 2-3=-1936, 3-4=-1691, 4-5=-1710, 5-6=-1958
BOT CHORD 2-8=1708, 7-8=1166, 6-7=1733
WEBS 3-8=-368, 4-8=537, 4-7=565, 5-7=-380

NOTES
1) Unbalanced roof live loads have been considered for this design.
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.

LOAD CASE(S) Standard



May 26, 2004

<p>WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 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. 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 ANSI/TPI1 Quality Criteria, DSB-89 and BCS11 Building Component Safety Information available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.</p>	<p>7777 Greenback Lane Suite 109 Citrus Heights, CA, 95610</p>
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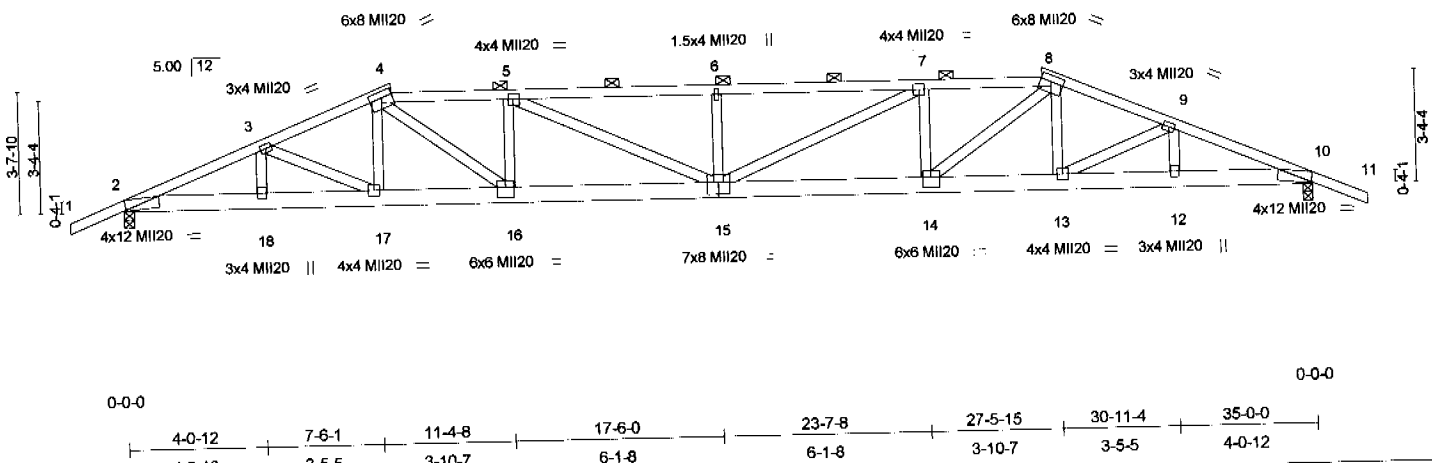
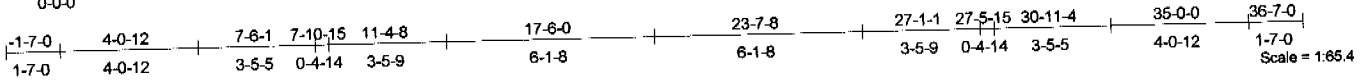


Plate Offsets (X,Y): [2:0-0-9,Edge], [4:0-3-8,0-2-4], [5:0-1-12,0-2-0], [7:0-1-12,0-2-0], [8:0-3-8,0-2-4], [10:0-0-9,Edge], [14:0-3-0,0-3-12], [15:0-4-0,0-4-8], [16:0-3-0,0-3-12]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 16.0	Plates Increase	1.00	TC 0.93	Vert(LL)	-0.24 14-15	>999	MI120	220/195
TCDL 18.0	Lumber Increase	1.25	BC 0.87	Vert(TL)	-0.63 14-15	>665		
BCLL 0.0	Rep Stress Incr	NO	WB 0.65	Horz(TL)	0.12 10	n/a		
BCDL 8.0	Code	UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl	= 240		Weight: 379 lb	

LUMBER
 TOP CHORD 2 X 4 DF No.1&Btr G
 BOT CHORD 2 X 6 DF No.2 G
 WEBS 2 X 4 DF Std G

BRACING
 TOP CHORD Sheathed or 4-6-4 oc purlins. Except:
 3-3-0 oc bracing: 4-8
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=2535/0-3-8, 10=3976/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=45, 2-3=5620, 3-4=5686, 4-5=7335, 5-6=9819, 6-7=9819, 7-8=11216, 8-9=9350,
 9-10=9079, 10-11=45
 BOT CHORD 2-18=5128, 17-18=5128, 16-17=5298, 15-16=7335, 14-15=11216, 13-14=8741, 12-13=8312,
 10-12=8312
 WEBS 3-18=123, 3-17=193, 4-17=93, 4-16=2608, 5-16=1552, 5-15=2762, 6-15=431, 7-15=1554,
 7-14=179, 8-14=3169, 8-13=182, 9-13=485, 9-12=140

- NOTES**
- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-5-0 oc.
 Bottom chords connected as follows: 2 X 6 - 2 rows at 0-4-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 - Unbalanced roof live loads have been considered for this design.
 - 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 per Table No. 16-B, UBC-97.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Special hanger(s) or connection(s) required to support concentrated load(s) 600.0lb down at 27-4-3 on top chord, and 2130.0lb down at 23-7-8 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard
 Continued on page 2



May 26, 2004

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
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7777 Greenback Lane
 Suite 109
 Citrus Heights, CA, 95610

Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328671
BEAZER	D10	CAL HIP	1	2	Job Reference (optional)	

GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 MiTek Industries, Inc. Tue May 25 12:58:43 2004 Page 2

LOAD CASE(S) Standard

1) Regular: Lumber Increase=1.25, Plate Increase=1.00

Uniform Loads (plf)

Vert: 1-4=-68.0, 4-7=-68.0, 7-8=-165.0, 8-11=-68.0, 2-14=-16.0, 10-14=-40.0

Concentrated Loads (lb)

Vert: 8=-600.0 14=-2130.0

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Citrus Heights, CA, 95610



Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328672
BEAZER	D2	CAL HIP	1	1	Job Reference (optional)	

GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 MiTek Industries, Inc. Tue May 25 12:58:44 2004 Page 2

LOAD CASE(S) Standard
 Trapezoidal Loads (plf)
 Vert: 19=-68.0-to-20=-136.0, 21=-136.0-to-22=-68.0

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 Suite 109
 Citrus Heights, CA, 95610



Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328673
BEAZER	D3	CAL HIP	1	1	Job Reference (optional)	

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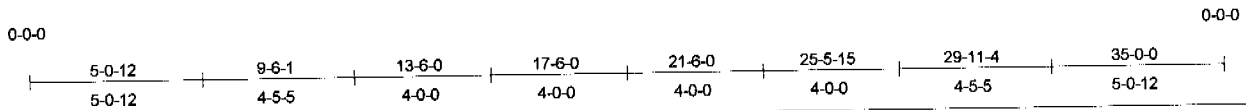
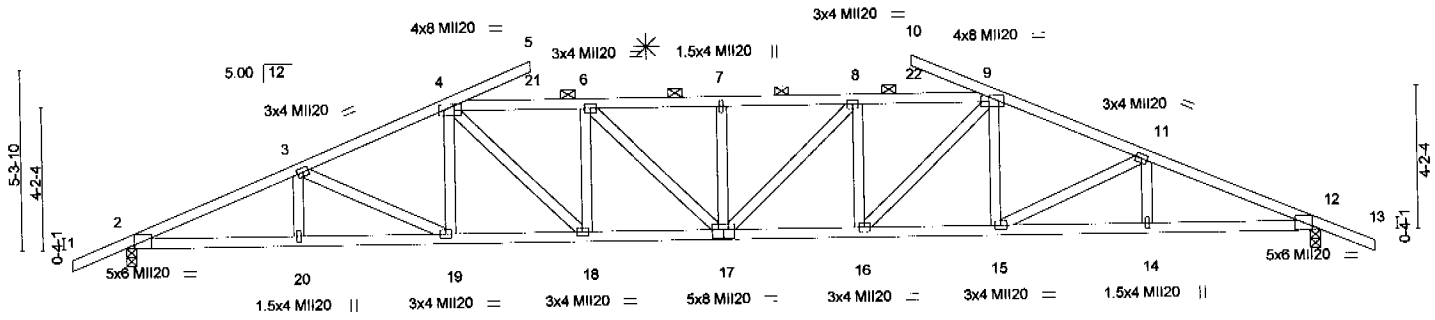
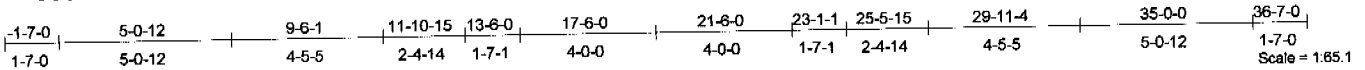


Plate Offsets (X,Y): [2:0-2-14,0-0-2], [4:0-2-12,0-0-8], [9:0-2-12,0-0-8], [12:0-2-14,0-0-2], [17:0-4-0,0-3-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.81	Vert(LL) -0.15 17 >999	MiI20	220/195
TCDL 18.0	Lumber Increase 1.25	BC 0.49	Vert(TL) -0.45 5 >60		
BCLL 0.0	Rep Stress Incr NO	WB 0.32	Horz(TL) 0.13 12 n/a		
BCDL 8.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 240	Weight: 179 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 3-5-11 oc purlins. Except:
 3-2-0 oc bracing: 4-9
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1657/0-3-8, 12=1657/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=40, 2-3=-3384, 3-4=-3056, 4-5=-67, 4-21=-3290, 6-21=-3290, 6-7=-3462, 7-8=-3462,
 8-22=-3290, 9-22=-3290, 9-10=-67, 9-11=-3056, 11-12=-3384, 12-13=40
 BOT CHORD 2-20=3038, 19-20=3038, 18-19=2802, 17-18=3290, 16-17=3290, 15-16=2802, 14-15=3038,
 12-14=3038
 WEBS 3-20=64, 3-19=-254, 4-19=192, 4-18=693, 6-18=-434, 6-17=240, 7-17=-272, 8-17=240,
 8-16=-434, 9-16=693, 9-15=192, 11-15=-254, 11-14=64

- NOTES**
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Provide adequate drainage to prevent water ponding.
 - 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) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard



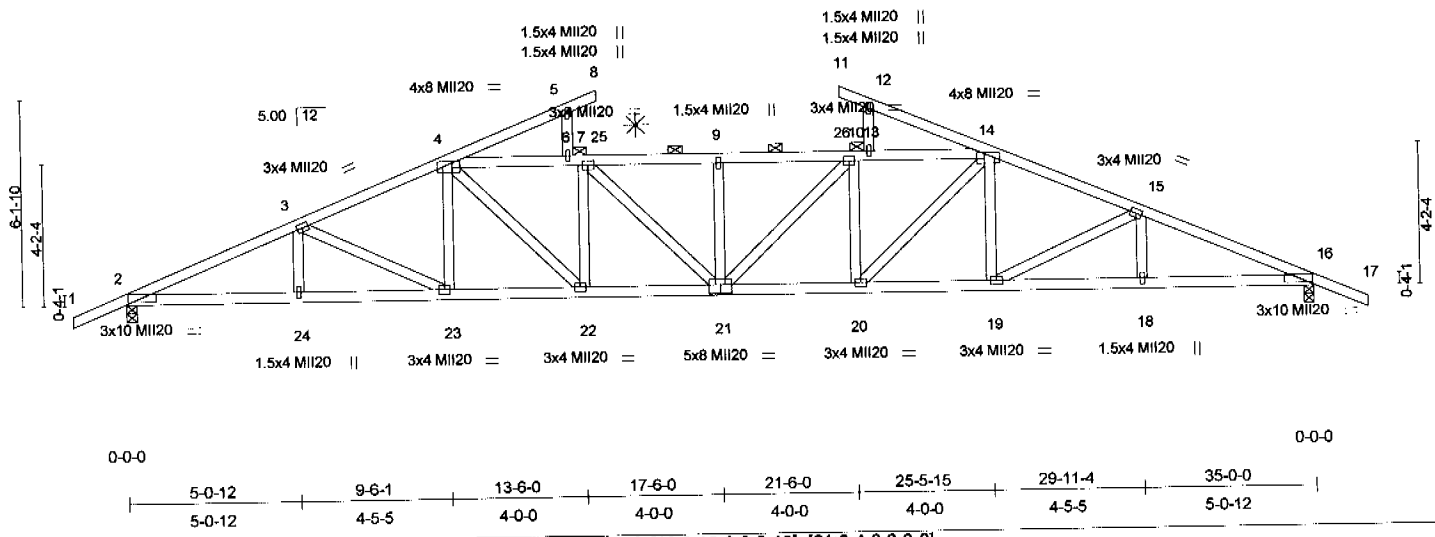
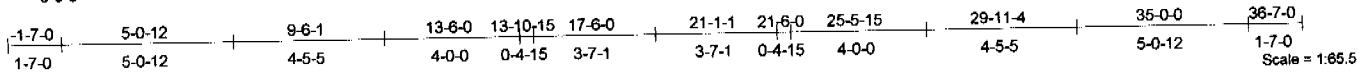
May 26, 2004

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7777 Greenback Lane
 Suite 109
 Citrus Heights, CA, 95610

Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328674
BEAZER	D4	CAL HIP	1	1	Job Reference (optional)	

GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 MiTek Industries, Inc. Tue May 25 12:58:46 2004 Page 1 0-0-0



LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/def	PLATES	GRIP
TCLL 16.0	Plates Increase	1.00	TC 0.84	Vert(LL)	-0.15	21	MI20	220/195
TCDL 18.0	Lumber Increase	1.25	BC 0.47	Vert(TL)	-0.41	21		
BCLL 0.0	Rep Stress Incr	NO	WB 0.30	Horz(TL)	0.13	16		
BCDL 8.0	Code	UBC97/ANSI95	(Matrix)	1st LC LL Min l/def	= 240			Weight: 188 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 3-6-10 oc purlins. Except:
 2 Rows at 1/3 pts 6-13
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 JOINTS 1 Brace at Jt(s): 6, 13

REACTIONS (lb/size) 2=1606/0-3-8, 16=1606/0-3-8

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=40, 2-3=-3263, 3-4=-2915, 4-5=-58, 5-8=-22, 4-6=-3167, 6-7=-3167, 7-25=-3348, 9-25=-3348, 9-26=-3348, 10-26=-3348, 10-13=-3167, 13-14=-3167, 11-12=-22, 12-14=-58, 14-15=-2915, 15-16=-3263, 16-17=40
 BOT CHORD 2-24=2929, 23-24=2929, 22-23=2665, 21-22=3167, 20-21=3167, 19-20=2865, 18-19=2929, 16-18=2929
 WEBS 3-24=64, 3-23=-284, 4-23=205, 4-22=714, 7-22=-448, 7-21=252, 9-21=-289, 10-21=252, 10-20=-448, 14-20=714, 14-19=205, 15-19=-284, 15-18=64, 5-6=-153, 12-13=-153

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - 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 per Table No. 16-B, UBC-97.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.

LOAD CASE(S) Standard



May 26, 2004

WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
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7777 Greenback Lane
 Suite 109
 Citrus Heights, CA, 95610

Job BEAZER	Truss D5	Truss Type CAL HIP	Qty 2	Ply 1	DH CONST - BEAZER 1170B - BURN JOB R12328675
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Job Reference (optional)

GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 MiTek Industries, Inc. Tue May 25 12:58:47 2004 Page 1 0-0-0

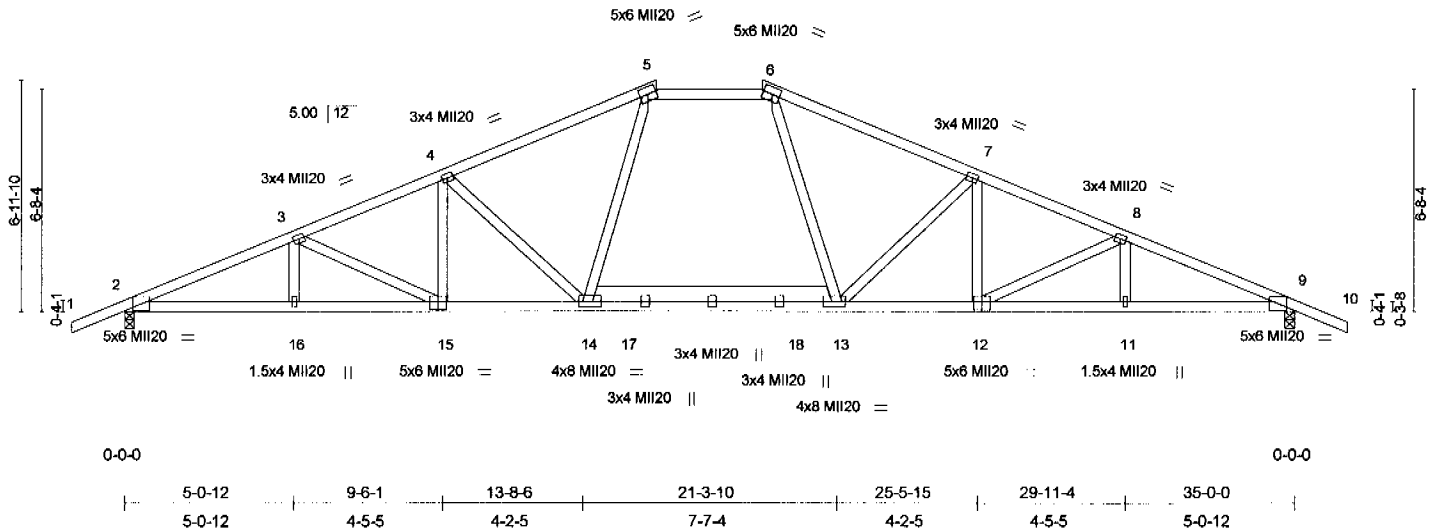
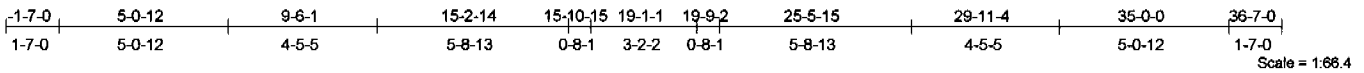


Plate Offsets (X,Y): [2:0-2-14,0-0-2], [3:0-0-0,0-0-0], [4:0-0-0,0-0-0], [5:0-0-0,0-0-0], [6:0-0-0,0-0-0], [7:0-0-0,0-0-0], [8:0-0-0,0-0-0], [9:0-2-14,0-0-2], [12:0-3-0,0-3-0], [13:0-1-4,0-2-0], [14:0-1-8,0-2-0], [15:0-3-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 18.0	Plates Increase	1.00	TC 0.89	Vert(LL)	-0.19 14-15	>999	MI20	220/195
TCDL 18.0	Lumber Increase	1.25	BC 0.61	Vert(TL)	-0.38 14-15	>999		
BCLL 0.0	Rep Stress Incr	NO	WB 0.42	Horz(TL)	0.11 9	n/a		
BCDL 8.0	Code	UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl	= 240		Weight: 180 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 DF No.1&Btr G	TOP CHORD Sheathed or 3-6-0 oc purlins.
BOT CHORD 2 X 4 DF No.1&Btr G *Except* 13-14 2 X 6 DF No.2-G	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 DF Std G	

REACTIONS (lb/size) 2=1635/0-3-8, 9=1635/0-3-8


FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=40, 2-3=-3329, 3-4=-2927, 4-5=-2464, 5-6=-2034, 6-7=-2479, 7-8=-2926, 8-9=-3329, 9-10=40
 BOT CHORD 2-16=2987, 15-16=2987, 14-15=2657, 14-17=2034, 17-18=2034, 13-18=2034, 12-13=2656, 11-12=2987, 9-11=2987
 WEBS 3-16=70, 3-15=-366, 4-15=227, 4-14=-625, 5-14=610, 6-13=615, 7-13=-615, 7-12=224, 8-12=-367, 8-11=71

- NOTES
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) 120.0lb AC unit load placed on the bottom chord, 17-6-0 from left end, supported at two points, 5-0-0 apart.
 - 3) Provide adequate drainage to prevent water ponding.
 - 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) Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - 7) Special hanger(s) or connection(s) required to support concentrated load(s) 60.0lb down at 15-0-0, and 60.0lb down at 20-0-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard



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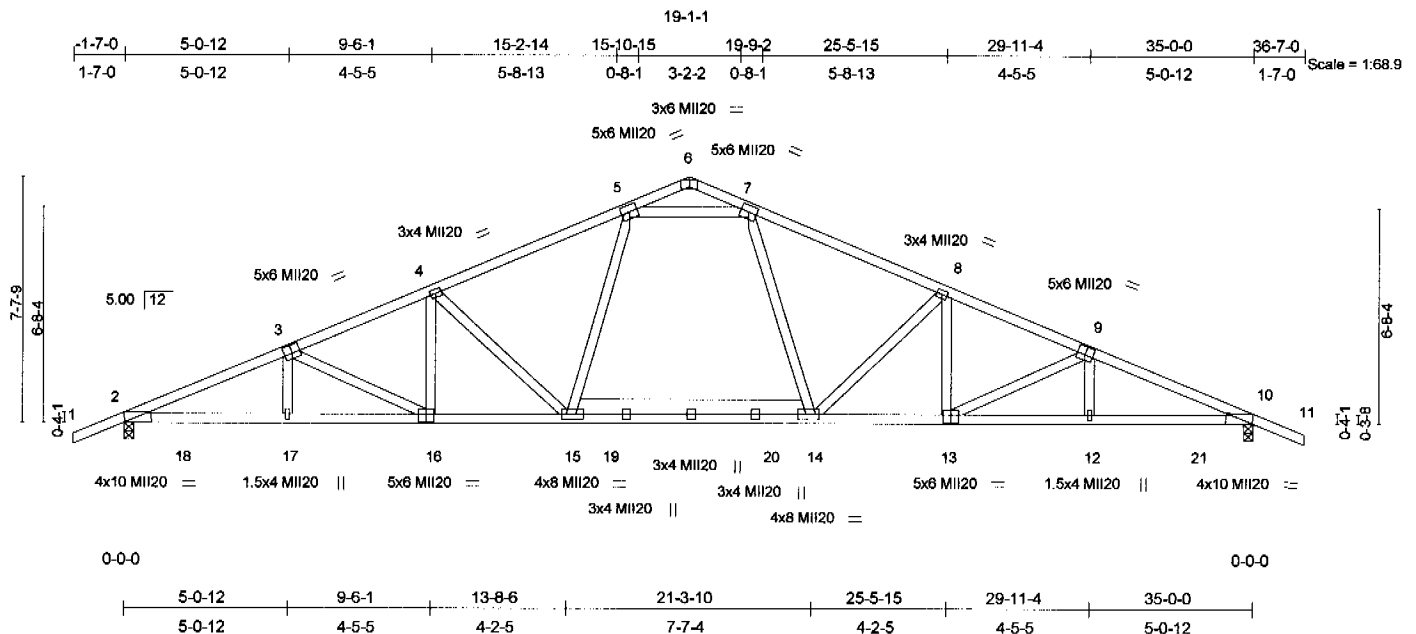


Plate Offsets (X,Y): [2:0-0-2,Edge], [3:0-3-0,0-3-0], [9:0-3-0,0-3-0], [10:0-0-2,Edge], [13:0-3-0,0-3-0], [14:0-1-4,0-2-0], [15:0-1-8,0-2-0], [16:0-3-0,0-3-0]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 16.0	Plates Increase	1.00	TC 0.56	Vert(LL)	-0.19 15-16	>999	MI20	220/195
TCDL 18.0	Lumber Increase	1.25	BC 0.61	Vert(TL)	-0.37 15-16	>999		
BCLL 0.0	Rep Stress Incr	NO	WB 0.43	Horz(TL)	0.11 10	n/a		
BCDL 8.0	Code	UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl	= 240		Weight: 184 lb	

LUMBER
TOP CHORD 2 X 4 DF No.1&Btr G
BOT CHORD 2 X 4 DF No.1&Btr G *Except*
14-15 2 X 6 DF No.2-G
WEBS 2 X 4 DF Std G

BRACING
TOP CHORD Sheathed or 2-7-10 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1635/0-3-8, 10=1635/0-3-8
Max Horz 2=308(load case 5)
Max Grav 2=2502(load case 4), 10=2502(load case 3)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=40, 2-3=-3327, 3-4=-2924, 4-5=-2465, 5-6=-52, 5-7=-2034, 6-7=-53, 7-8=-2479, 8-9=-2923,
9-10=-3328, 10-11=40
BOT CHORD 2-18=2985, 17-18=2985, 16-17=2982, 15-16=2655, 15-19=2038, 19-20=2038, 14-20=2038,
13-14=2653, 12-13=2982, 12-21=2985, 10-21=2985
WEBS 3-17=71, 3-16=-366, 4-16=231, 4-15=-618, 5-15=605, 7-14=609, 8-14=-608, 8-13=229,
9-13=-388, 9-12=72

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - 120.0lb AC unit load placed on the bottom chord, 17-6-0 from left end, supported at two points, 5-0-0 apart.
 - 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 per Table No. 16-B, UBC-97.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - This truss has been designed for a total drag load of 4100 lb. Connect truss to resist drag loads along bottom chord from 0-0-0 to 1-8-0, 33-3-0 to 35-0-0 for 1171.4 plf.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Special hanger(s) or connection(s) required to support concentrated load(s) 60.0lb down at 15-0-0, and 60.0lb down at 20-0-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

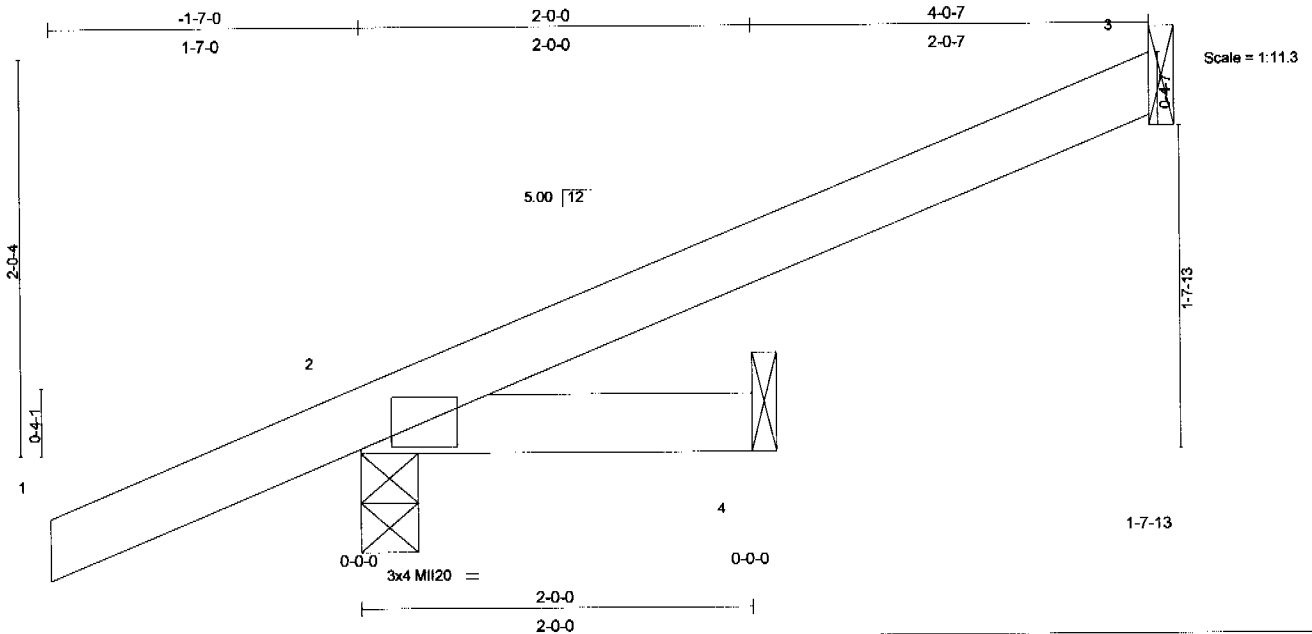


May 26, 2004

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Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB		R12328678
BEAZER	J25	JACK	1	1	Job Reference (optional)		1-7-13

GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 Mitek Industries, Inc. Tue May 25 12:58:50 2004 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc)	l/defl	PLATES	GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.14	Vert(LL) -0.00 2	>999	M1120	220/195
TCDL 18.0	Lumber Increase 1.25	BC 0.03	Vert(TL) 0.01 1	>999		
BCLL 8.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3	n/a		
BCDL 8.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 240		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 or 2-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=112/Mechanical, 2=282/0-3-8, 4=16/Mechanical
 Max Grav 3=112(load case 1), 2=282(load case 1), 4=35(load case 2)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=40, 2-3=33
 BOT CHORD 2-4=0

NOTES

- 1) 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.
- 2) A plate rating reduction of 20% has been applied for the green lumber members.
- 3) Refer to girder(s) for truss to truss connections.

LOAD CASE(S) Standard



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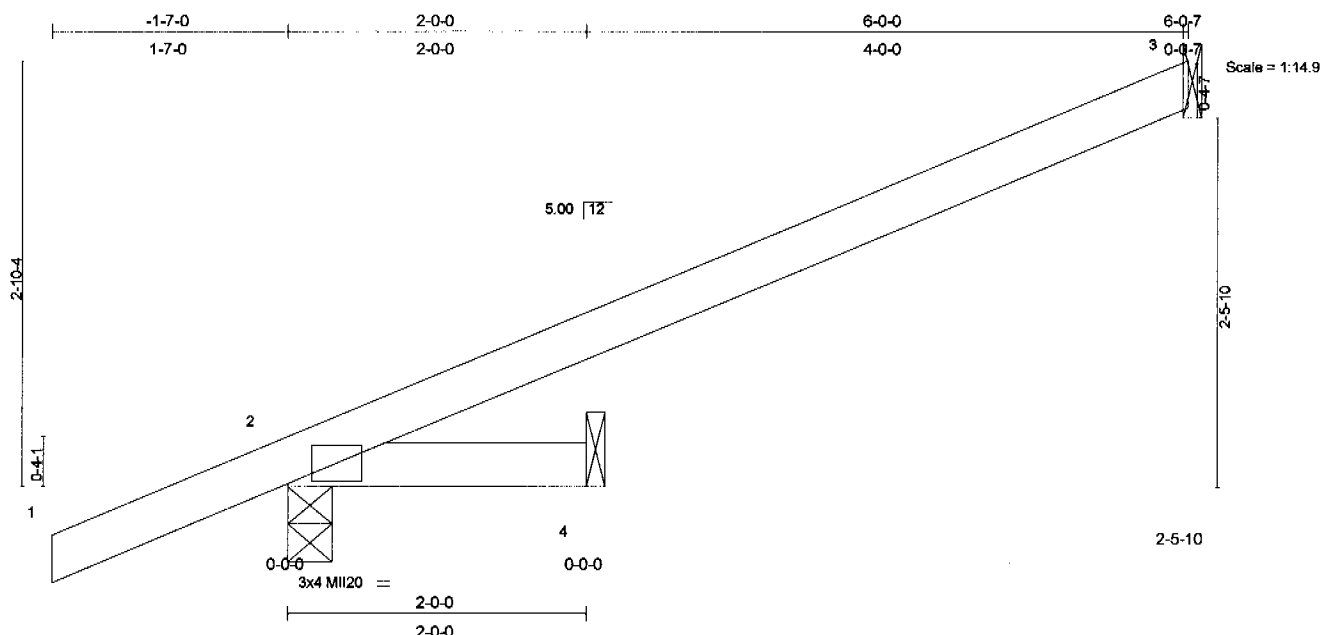
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Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328679
BEAZER	J35	JACK	1	1		

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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0 Plates Increase 1.00	TC 0.38	in (loc) l/defl Vert(LL) -0.00 2 >999	MI120	220/195
TCDL 18.0	Lumber Increase 1.25	BC 0.03	Vert(TL) 0.12 1 >164		
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a		
BCDL 8.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 240	Weight: 14 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 DF No.1&Btr G	TOP CHORD Sheathed or 2-0-0 oc purlins.
BOT CHORD 2 X 4 DF No.1&Btr G	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=186/Mechanical, 2=341/0-3-8, 4=16/Mechanical
Max Grav 3=186(load case 1), 2=341(load case 1), 4=35(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=40, 2-3=57
BOT CHORD 2-4=0

- NOTES**
- 1) 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.
 - 2) A plate rating reduction of 20% has been applied for the green lumber members.
 - 3) Refer to girder(s) for truss to truss connections.

LOAD CASE(S) Standard



May 26, 2004

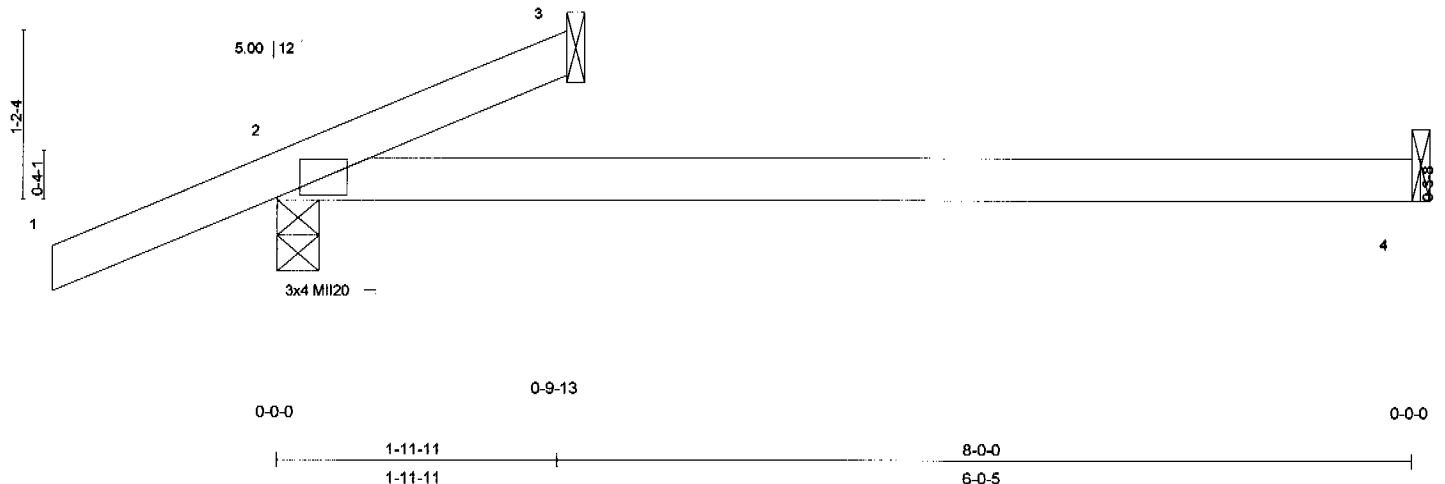
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Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328680
BEAZER	JA5	JACK	1	1	Job Reference (optional)	

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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 0.16	Vert(LL)	-0.17	2-4	MI120	220/195
TCDL 18.0	Lumber Increase	1.25	BC 0.41	Vert(TL)	-0.31	2-4		
BCLL 0.0	Rep Stress Incr	YES	WB 0.00	Horz(TL)	-0.00	3		
BCDL 8.0	Code	UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl =	240	n/a		
							Weight: 16 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 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=7/Mechanical, 2=298/0-3-8, 4=62/Mechanical
Max Grav 3=7(load case 1), 2=298(load case 1), 4=140(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=40, 2-3=50
BOT CHORD 2-4=0

- NOTES**
- 1) 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.
 - 2) A plate rating reduction of 20% has been applied for the green lumber members.
 - 3) Refer to girder(s) for truss to truss connections.

LOAD CASE(S) Standard



May 26, 2004

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Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328681
BEAZER	JB5	JACK	1	1	Job Reference (optional)	

GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 Mitek Industries, Inc. Tue May 25 12:58:53 2004 Page 1 0-0-0

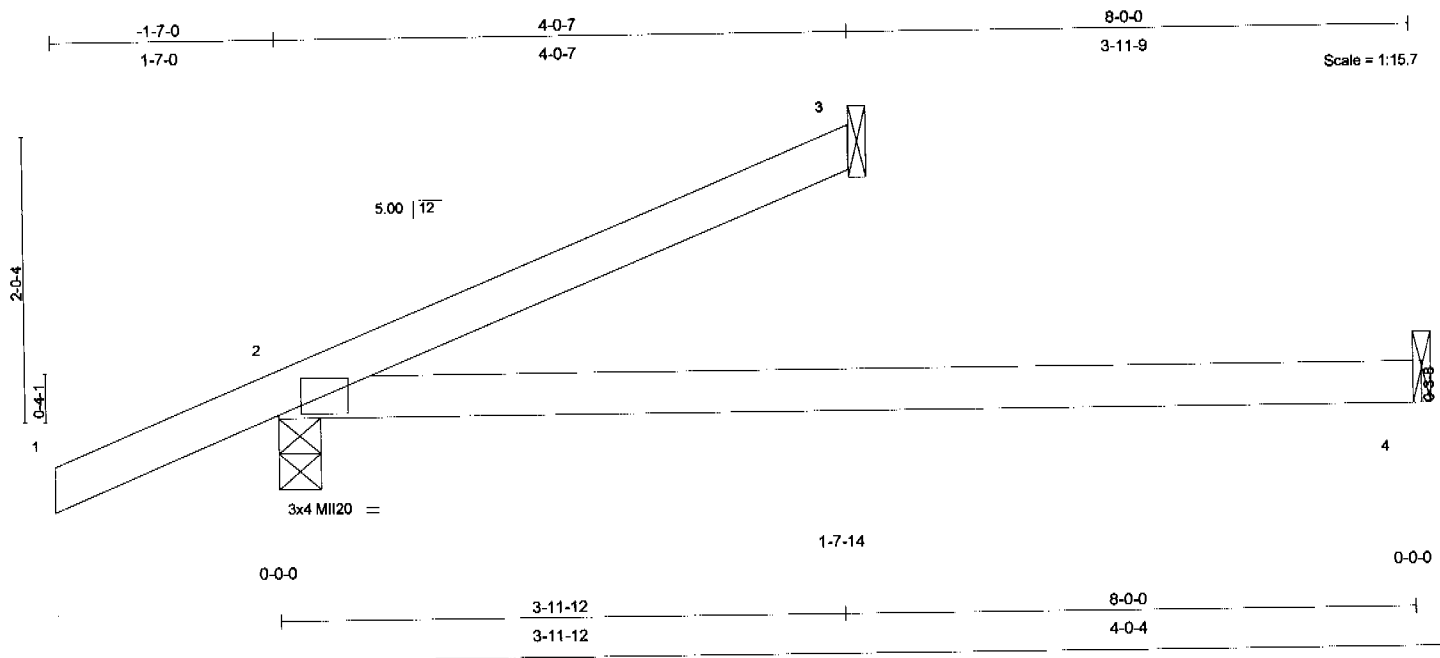


Plate Offsets (X,Y): [2:0-0-0,0-0-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.16	Vert(LL) -0.17 2-4 >544	M120	220/195
TCDL 18.0	Lumber Increase 1.25	BC 0.41	Vert(TL) -0.31 2-4 >302		
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a		
BCDL 8.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 240	Weight: 19 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 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=104/Mechanical, 2=337/0-3-8, 4=62/Mechanical
Max Grav 3=104(load case 1), 2=337(load case 1), 4=140(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=40, 2-3=31
BOT CHORD 2-4=0

- NOTES**
- 1) 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.
 - 2) A plate rating reduction of 20% has been applied for the green lumber members.
 - 3) Refer to girder(s) for truss to truss connections.

LOAD CASE(S) Standard



May 26, 2004

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Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328682
BEAZER	JC5	JACK	1	1	Job Reference (optional)	

GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 MiTek Industries, Inc. Tue May 25 12:58:53 2004 Page 1 0-0-0

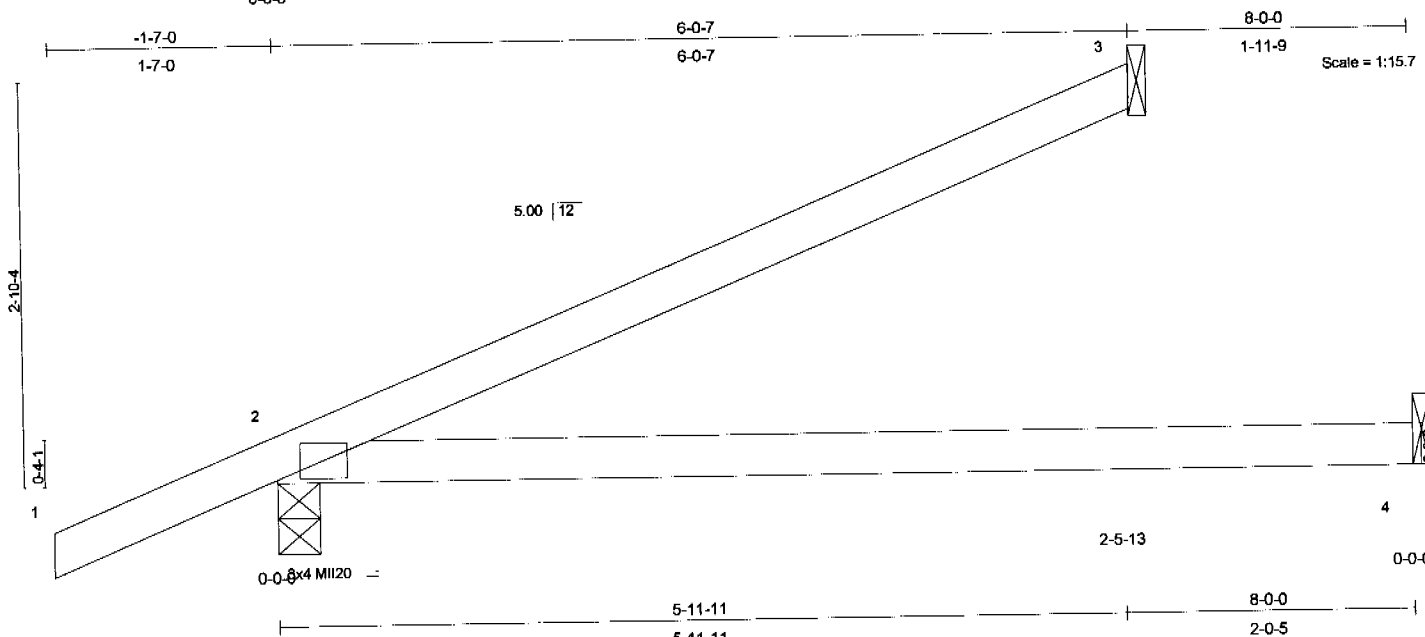


Plate Offsets (X,Y): [2-0-0,0-0-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.36	in (loc) l/def	MII20	220/195
TCDL 18.0	Plates Increase 1.00	BC 0.41	Vert(LL) -0.17 2-4 >544		
BCLL 0.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.31 2-4 >302		
BCDL 8.0	Rep Stress Incr YES	(Matrix)	Horz(TL) -0.00 3 n/a		
	Code UBC97/ANSI95		1st LC LL Min l/def = 240	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 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=181/Mechanical, 2=395/0-3-8, 4=62/Mechanical
 Max Grav 3=181(load case 1), 2=395(load case 1), 4=140(load case 2)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=40, 2-3=56
 BOT CHORD 2-4=0

- NOTES**
- 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.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - Refer to girder(s) for truss to truss connections.

LOAD CASE(S) Standard



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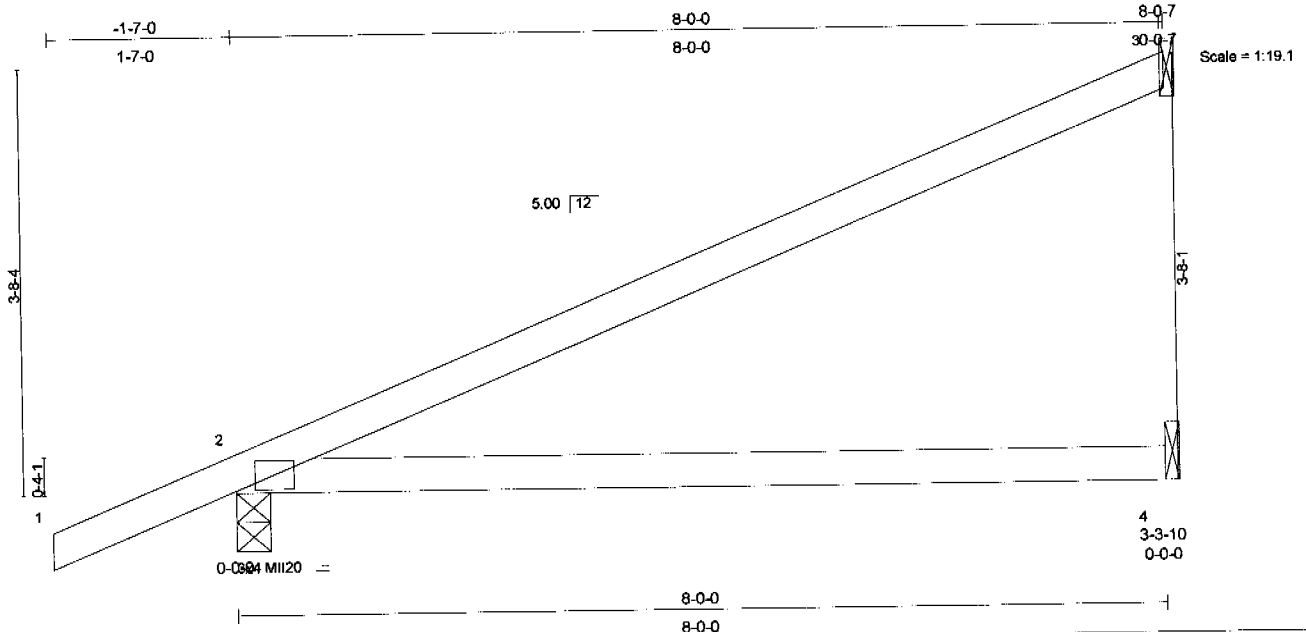
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 Citrus Heights, CA, 95610



Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB	R12328683
BEAZER	JD5	JACK	1	1	Job Reference (optional)	

GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 MiTek Industries, Inc. Tue May 25 12:58:54 2004 Page 10



LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 16.0	Plates Increase 1.00	TC 0.71	Vert(LL) -0.17 2-4 >544	MI120	220/195
TCDL 18.0	Lumber Increase 1.25	BC 0.41	Vert(TL) 0.35 1 >60		
BCLL 8.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.00 3 n/a		
BCDL 8.0	Code UBC97/ANSI95	(Matrix)	1st LC LL Min l/defl = 240	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 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=252/Mechanical, 2=458/0-3-8, 4=62/Mechanical
 Max Grav 3=252(load case 1), 2=458(load case 1), 4=140(load case 2)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=40, 2-3=78
 BOT CHORD 2-4=0

NOTES

- 1) 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.
- 2) A plate rating reduction of 20% has been applied for the green lumber members.
- 3) Refer to girder(s) for truss to truss connections.

LOAD CASE(S) Standard



May 26, 2004

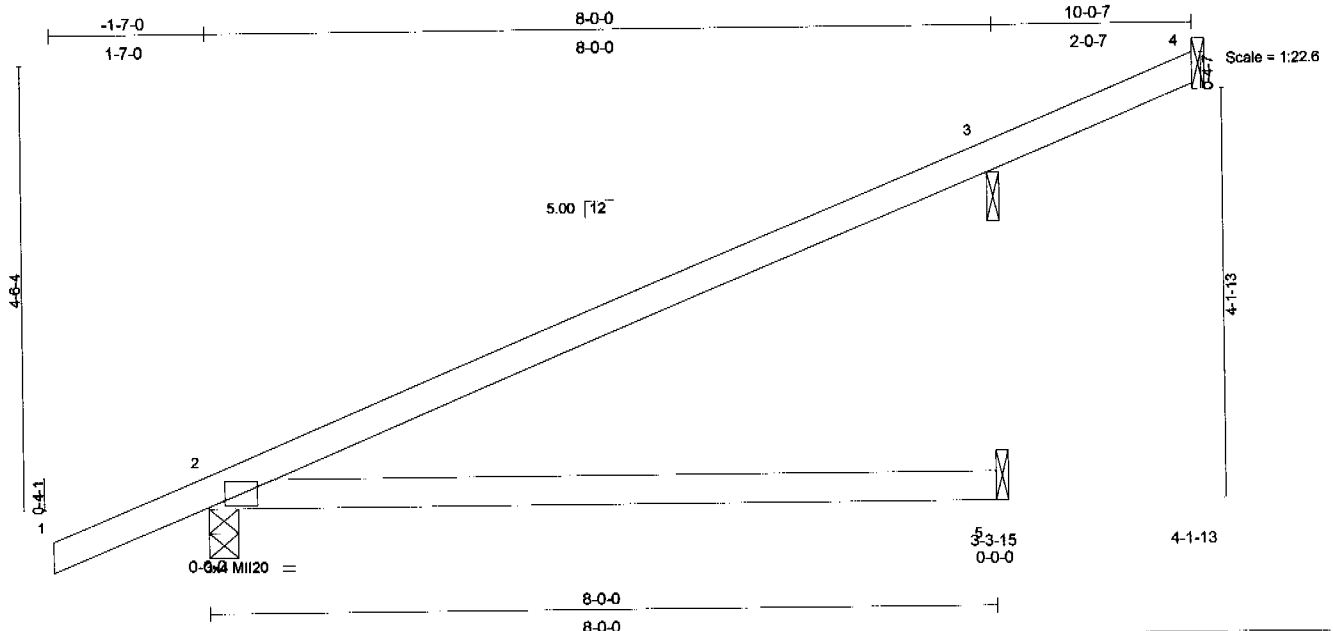
WARNING - Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE MI-7473 BEFORE USE.
 Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component. Applicability of design parameters and proper 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 **ANSI/TPI1 Quality Criteria, D58-89 and BCS11 Building Component Safety Information** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

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 Citrus Heights, CA, 95610



Job	Truss	Truss Type	Qty	Ply	DH CONST - BEAZER 1170B - BURN JOB		R12328684
BEAZER	JIE5	JACK	1	1	Job Reference (optional)		

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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.58	in (loc) l/defl	Mil20	220/195
TCDL 18.0	Plates Increase 1.00	BC 0.41	Vert(LL) -0.17 2-5 >544		
BCLL 0.0	Lumber Increase 1.25	WB 0.00	Vert(TL) -0.31 2-5 >302		
BCDL 8.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 3 n/a	Weight: 28 lb	
	Code UBC97/ANSI95		1st LC LL Min l/defl = 240		

LUMBER	BRACING
TOP CHORD 2 X 4 DF No.1&Btr G	TOP CHORD Sheathed or 6-0-0 oc purlins.
BOT CHORD 2 X 4 DF No.1&Btr G	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 4=-128/Mechanical, 2=411/0-3-8, 5=62/Mechanical, 3=565/0-1-8
 Max Uplift 4=-128(load case 1)
 Max Grav 2=411(load case 1), 5=140(load case 2), 3=565(load case 1)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=40, 2-3=119, 3-4=-101
 BOT CHORD 2-5=0

- NOTES**
- 1) 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.
 - 2) A plate rating reduction of 20% has been applied for the green lumber members.
 - 3) Refer to girder(s) for truss to truss connections.
 - 4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 3.
 - 5) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 3.

LOAD CASE(S) Standard



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Job BEAZER	Truss M1	Truss Type MONO TRUSS	Qty 1	Ply 2	DH CONST - BEAZER 1170B - BURN JOB Job Reference (optional)	R12328685
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GENERAL TRUSS COMPANY, INC., SACRAMENTO, CA, BOB CRUMP 5.000 s Jun 9 2003 MiTek Industries, Inc. Tue May 25 12:56:56 2004 Page 1

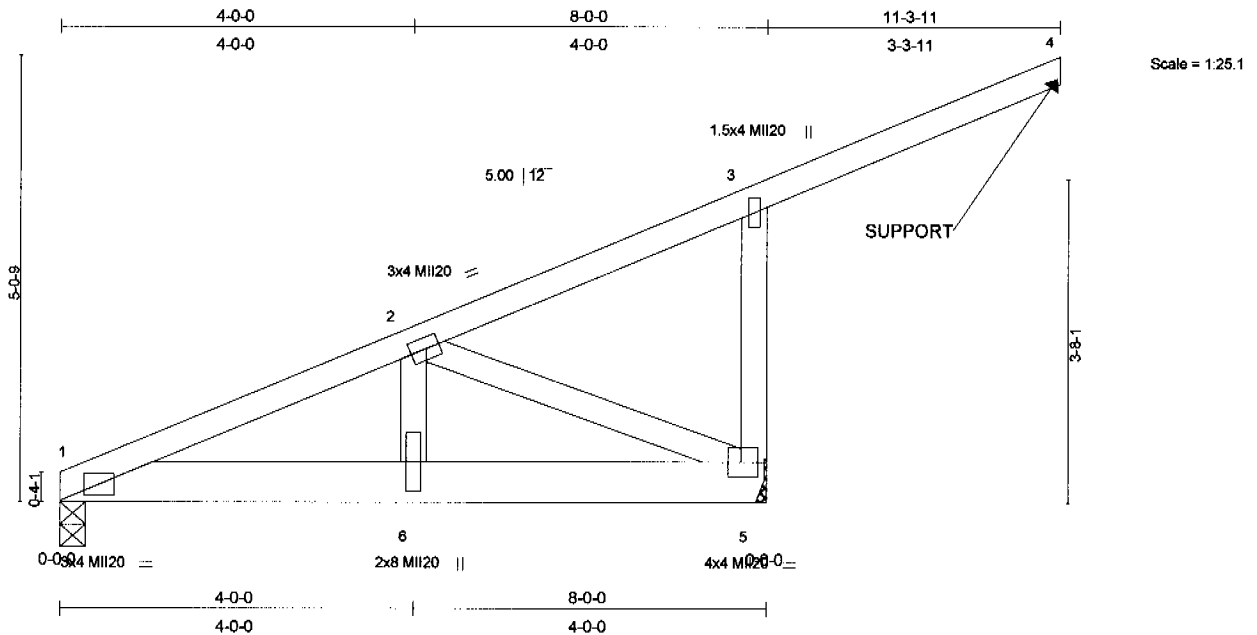


Plate Offsets (X,Y): [1:0-3-5,0-0-10], [2:0-1-12,0-1-8], [5:0-1-12,0-2-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 16.0	2-0-0	TC 0.36	in (loc) l/def	MII20	220/195
TCDL 18.0	Plates Increase 1.00	BC 0.44	Vert(LL) -0.02 1-6 >999		
BCLL 0.0	Lumber Increase 1.25	WB 0.37	Vert(TL) -0.21 4 >201		
BCDL 8.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 5 n/a		
	Code UBC97/ANSI95		1st LC LL Min l/def = 240	Weight: 89 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 DF No.1&Btr G	TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2 X 6 DF No.2 G	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 DF Std G	

REACTIONS (lb/size) 1=1783/0-3-8, 5=2123/Mechanical

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=-2599, 2-3=94, 3-4=-90, 3-5=-480
 BOT CHORD 1-6=2357, 5-6=2357
 WEBS 2-6=1837, 2-5=-2555

- NOTES
- 2-ply truss to be connected together with 0.131"x3" Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 - 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.
 - A plate rating reduction of 20% has been applied for the green lumber members.
 - Refer to girder(s) for truss to truss connections.
 - Girder carries tie-in span(s): 23-6-0 from 0-0-0 to 8-0-0

LOAD CASE(S) Standard
 1) Regular: Lumber Increase=1.25, Plate Increase=1.00
 Uniform Loads (plf)
 Vert: 1-5=-408.4, 1-3=-68.0, 3-4=-68.0

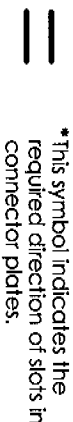
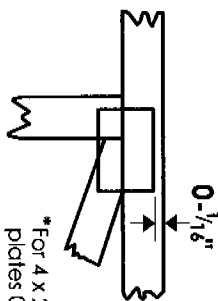
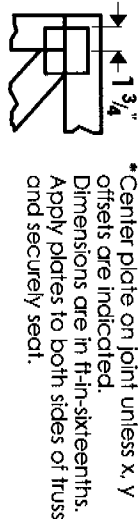


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Symbols

PLATE LOCATION AND ORIENTATION



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

PLATE SIZE

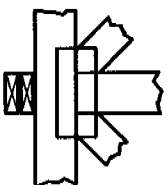
4 X 4

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

LATERAL BRACING



BEARING

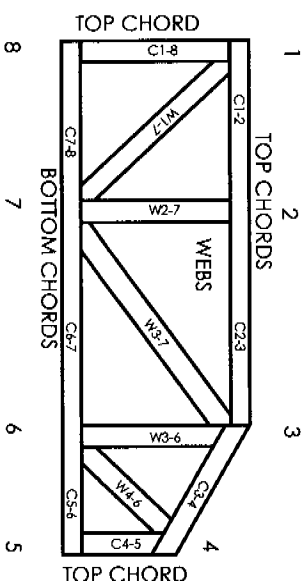
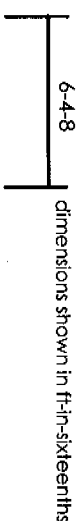


Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

Industry Standards:

ANSI/TP11: National Design Specification for Metal Plate Connected Wood Truss Construction.
DSB-89: Design Standard for Bracing.
BCS11: 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.

CONNECTOR PLATE CODE APPROVALS

BOCA	96-31, 95-43, 96-20-1, 96-67, 84-32
ICBO	4922, 5243, 5363, 3907
SBCCI	9667, 9730, 9604B, 9511, 9432A

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 BCS11.
2. Never exceed the design loading shown and never stack materials on inadequately braced trusses.
3. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
4. Cut members to bear tightly against each other.
5. Place plates on each face of truss at each joint and embed fully. Knots and warps at joint locations are regulated by ANSI/TP11.
6. Design assumes trusses will be suitably protected from the environment in accord with ANSI/TP11.
7. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
8. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
9. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
10. Plate type, size, orientation and location dimensions shown indicate minimum plating requirements.
11. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
12. Top chords must be sheathed or purlins provided at spacing shown on design.
13. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
14. Connections not shown are the responsibility of others.
15. Do not cut or alter truss member or plate without prior approval of a professional engineer.
16. Install and load vertically unless indicated otherwise.



MITek Engineering Reference Sheet: MI1-7473

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