105 Abbie Court

5427
SFR

METROPOLITAN DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901
FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902
FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Southeastern Metals Manufacturing Co., Inc.
11801 Industry Drive
Jacksonville, FL 32226

Your application for Product Approval of:
"5-V Crimp" Metal Roofing Panels
under Chapter 8 of the Miami-Dade County Code governing the use of Alternate Materials and Types of Construction, and completely described in the plans, specifications and calculations as submitted by:
Construction Research Laboratory, Inc. and Hurricane Test Laboratory, Inc.
has been recommended for acceptance by the Building Code Compliance Office to be used in Dade County, Florida under the specific conditions set forth on pages 2-4 and the standard conditions on page 5.

This approval shall not be valid after the expiration date stated below. The Building Code Compliance Office reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, the Building Code Compliance Office may revoke, modify, or suspend the use of such product or material immediately. The Building Code Compliance Office reserves the right to revoke this approval, if it is determined by the Building Code Compliance Office that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

ACCEPTANCE NO.: 98-0429.09 Renews & Revises: 97-0404.05
EXPIRES: 06/23/01

Raul Rodriguez
Product Control Supervisor

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE COMMITTEE

This application for Product Approval has been reviewed by the Miami-Dade County Building Code Compliance Office and approved by the Building Code Committee to be used in Dade County, Florida under the conditions set forth above.

Charles Danger, P.E.
Director
Building Code Compliance Dept.
Miami-Dade County

APPROVED: 06/23/98

METRO-DADE

METROPOLITAN DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
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PRODUCT CONTROL DIVISION
(305) 375-2902
FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

DAB Door Company, Inc.
12195 NW 98th Avenue
Hialeah Gardens FL 33016

Your application for Product Approval of:
24 ga. Raised Panel Embossed Garage Door
under Chapter 8 of the Metropolitan Dade County Code governing the use of Alternate Materials and Types of Construction, and completely described in the plans, specifications and calculations as submitted by:
applicant along with Dab Doors Inc. drawing No. 98-12, issued on 04/03/98, revised on 07/25/98, with Miami- Dade County Product Control Approval Stamp.
has been recommended for acceptance by the Building Code Compliance office to be used in Dade County, Florida under the specific conditions set forth on pages 2 et. seq. and the Standard Conditions on page 3.

This approval shall not be valid after the expiration date stated below. The Office of Code Compliance reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, the Code Compliance Office may revoke, modify, or suspend the use of such product or material immediately. The applicant shall re-evaluate this product or material should any ammendments to the South Florida Building Code be enacted affecting this product or material. The Building Code Compliance Office reserves the the right to revoke this approval, if it is determined by the Building Code Compliance Office that this product or material fails to meet the requirements of the South Florida Building Code. The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 98-0506.07
Expires: 10/01/01

Raul Rodriguez
Product Control Supervisor

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE COMMITTEE

This application for Product Approval has been reviewed by the Metropolitan Dade County Building Code Compliance Department and approved by the Building Code Committee to be used in Dade County, Florida under the conditions set forth above.

Charles Danger, P.E.
Director
Building Code Compliance Dept.
Metropolitan Dade County

Approved: 10/01/98

BAHAMA SHUTTER

MIAMI-DADE

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT SECTION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Alufab Hurricane Shutters, Inc.
2349 N.W. 147 Street
Opa Locka FL 33054

Your application for Product Approval of:
Florida Bahama Shutter
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.
If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 99-0208.04

Expires: 03/30/2002

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

Approved: 03/30/1999

MIAMI-DADE

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
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PRODUCT CONTROL NOTICE OF ACCEPTANCE

DAB Door Company, Inc.
12195 NW 98th Avenue
Hialeah Gardens FL 33016

Your application for Product Approval of:
Sectional Residential Garage Door
under Chapter 8 of the Metropolitan Dade County Code governing the use of Alternate Materials and Types of Construction, and completely described in the plans, specifications and calculations as submitted b

has been recommended for acceptance by the Building Code Compliance office to be used in Dade County, Florida under the specific conditions set forth on pages 2 et. seq. and the Standard Conditions on page 3.

This approval shall not be valid after the expiration date stated below. The Office of Code Compliance reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, the Code Compliance Office may revoke, modify, or suspend the use of such product or material immediately. The applicant shall re-evaluate this product or material should any ammendments to the South Florida Building Code be enacted affecting this product or material. The Building Code Compliance Office reserves the the right to revoke this approval, if it is determined by the Building Code Compliance Office that this product or material fails to meet the requirements of the South Florida Building Code. The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 98-0901.10 **(Revises No.: 98-0409.03)**

Expires: 08/14/01

Raul Rodriguez
Product Control Supervisor

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BUILDING CODE COMMITTEE

This application for Product Approval has been reviewed by the Metropolitan Dade County Building Code Compliance Department and approved by the Building Code Committee to be used in Dade County, Florida under the conditions set forth above.

Charles Danger, P.E.
Director
Building Code Compliance D
Metropolitan Dade County

Approved: 10/22/98

FR. DR. W/ SL.

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
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PRODUCT CONTROL NOTICE OF ACCEPTANCE

PGT Industries
1070 Technology Drive
Nokomis FL 34274

Your application for Product Approval of:
Series Outswing Aluminum French Door w\ Sidelites-Impact
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.
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The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 99-0716.01

Expires: 02/11/2003

Raul Rodriguez
Chief Product Control Division

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BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

Approved: 02/11/2000

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
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PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

PGT Industries
1070 Technology Drive
Nokomis FL 34274

Your application for Product Approval of:
Series PW 701 Aluminum Fixed Window - Impact Resistant (7/16" Laminated)
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.
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The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 99-0218.01
Expires: 05/20/2002

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE & PRODUCT REVIEW COMMITTEE

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

Approved: 05/20/1999

S.G.D.

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
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PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

PGT Industries
1070 Technology Drive
Nokomis FL 34274

Your application for Product Approval of:
Series SGD 70 Aluminum Sliding Glass Door-Impact
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.
If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 99-0212.09

Expires: 05/06/2002

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

Approved: 05/06/1999

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
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PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Vinyl Tech/Progressive Glass Technology
1070 Technology Drive
Nokomis FL 34275

Your application for Product Approval of:
Series SH-701 Aluminum Single Hung Window -Impact Resistant (5/16" Laminated)
under Chapter 8 of the Metropolitan Dade County Code governing the use of Alternate Materials and Types of Construction, and completely described in the plans, specifications and calculations as submitted by:
Applicant , along with Drawing No. 4040, sheets 1 thru 4 of 4.
has been recommended for acceptance by the Building Code Compliance office to be used in Dade County, Florida under the specific conditions set forth on pages 2 et. seq. and the Standard Conditions on page 3.

This approval shall not be valid after the expiration date stated below. The Office of Code Compliance reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, the Code Compliance Office may revoke, modify, or suspend the use of such product or material immediately. The applicant shall re-evaluate this product or material should any ammendments to the South Florida Building Code be enacted affecting this product or material. The Building Code Compliance Office reserves the the right to revoke this approval, if it is determined by the Building Code Compliance Office that this product or material fails to meet the requirements of the South Florida Building Code. The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 98-0223.01

Expires: 10/22/01

Raul Rodriguez
Product Control Supervisor

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE COMMITTEE

This application for Product Approval has been reviewed by the Metropolitan Dade County Building Code Compliance Department and approved by the Building Code Committee to be used in Dade County, Florida under the conditions set forth above.

Charles Danger, P.E.
Director
Building Code Compliance Dept.
Metropolitan Dade County

Approved: 10/22/98

FR. DR

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING

BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
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PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Vinyl Tech/Progressive Glass Technology
1070 Technology Drive
Nokomis FL 34275

Your application for Product Approval of:
SWD-101 Outswing Aluminum French Door
under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This approval shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing.
If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined BCCO that this product or material fails to meet the requirements of the South Florida Building Code.

The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 99-0128.01 **(Revises No.: 98-0506.02)**

Expires: 11/22/2001

Raul Rodriguez
Chief Product Control Division

THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL CONDITIONS

BUILDING CODE & PRODUCT REVIEW COMMITTEE

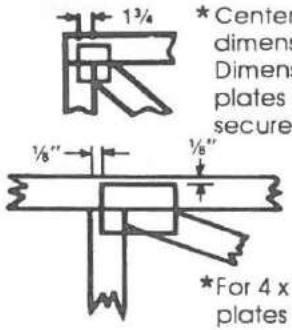
This application for Product Approval has been reviewed by the BCCO and approved by the Building Code and Product Review Committee to be used in Dade County, Florida under the conditions set forth above.

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

Approved: 02/18/1999

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

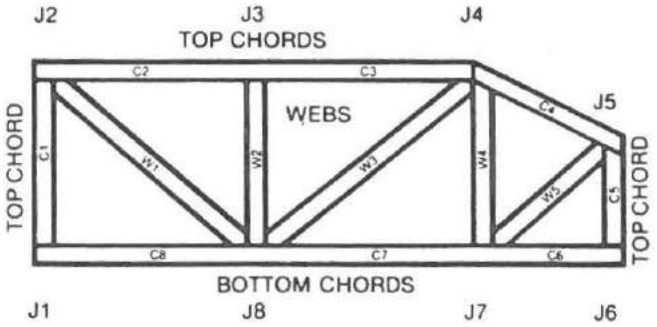
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ93	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:53 2001 Page 1

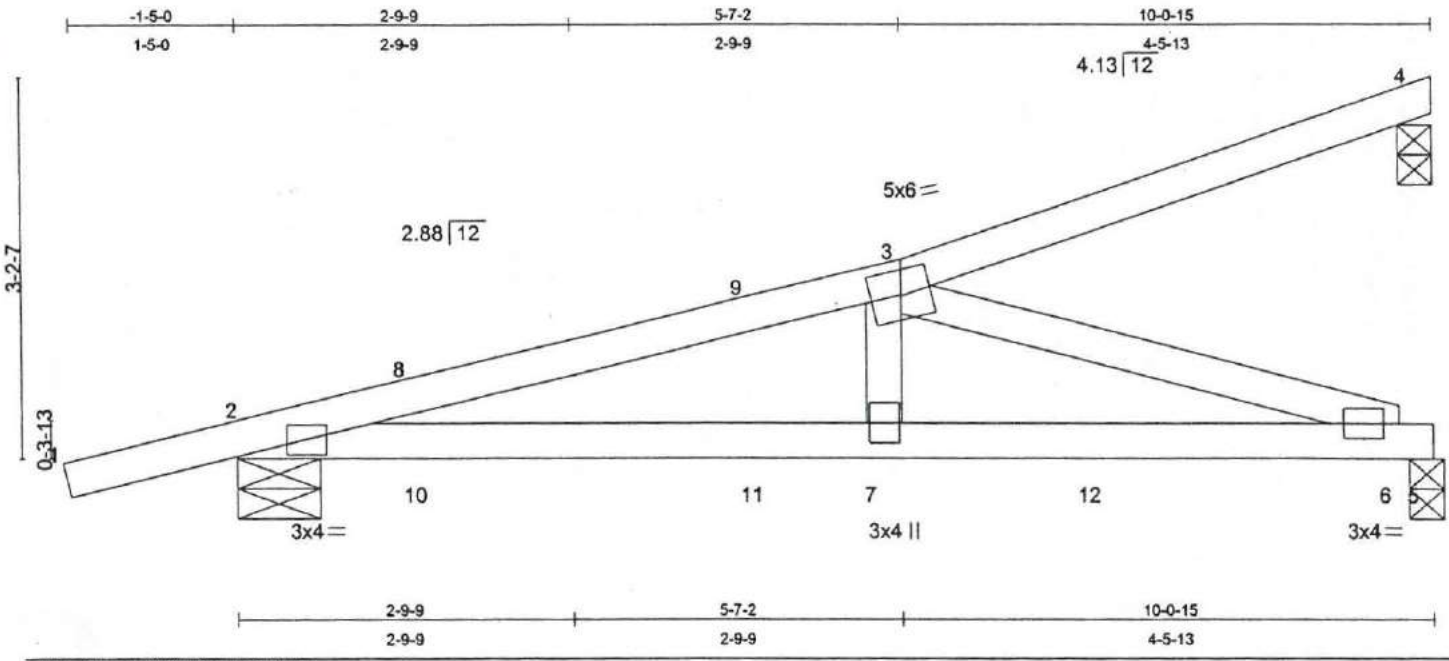


Plate Offsets (X,Y): [2:0-1-12,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.98	Vert(LL) 0.28 6-7 >424	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.79	Vert(TL) -0.26 6-7 >460	
BCLL 0.0	Rep Stress Incr NO	WB 0.69	Horz(TL) 0.03 4 n/a	
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	Weight: 41 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-8-15 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 4-4-1 on center bracing.

REACTIONS (lb/size) 4=240/0-3-8, 2=688/0-8-8, 5=754/0-3-8
Max Horz 2=288(load case 2)
Max Uplift4=-206(load case 5), 2=-728(load case 2), 5=-601(load case 2)
Max Grav2=808(load case 6), 5=754(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=29, 2-8=-1848, 8-9=-1818, 3-9=-1797, 3-4=78
BOT CHORD 2-10=1764, 10-11=1764, 7-11=1764, 7-12=1694, 6-12=1694, 5-6=0
WEBS 3-7=651, 3-6=-1782

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 206 lb uplift at joint 4, 728 lb uplift at joint 2 and 601 lb uplift at joint 5.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

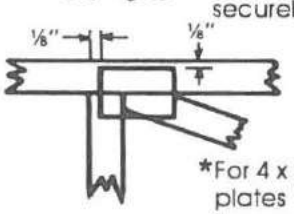
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-8=-90.0, 8-9=-90.0, 3-9=-90.0, 3-4=-90.0, 2-10=-20.0, 10-11=-20.0, 7-11=-20.0, 7-12=-20.0, 6-12=-20.0, 5-6=-20.0
Concentrated Loads (lb)
Vert: 8=195 9=-24 10=21 11=-15 12=-638

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

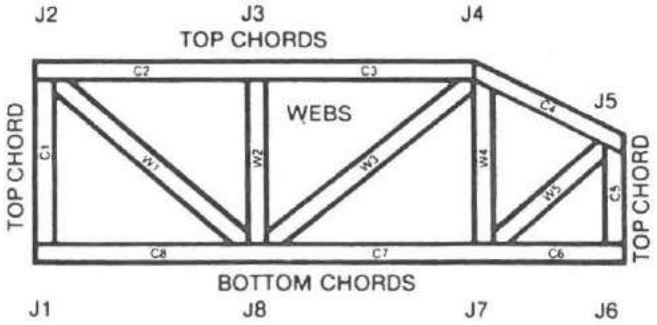
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

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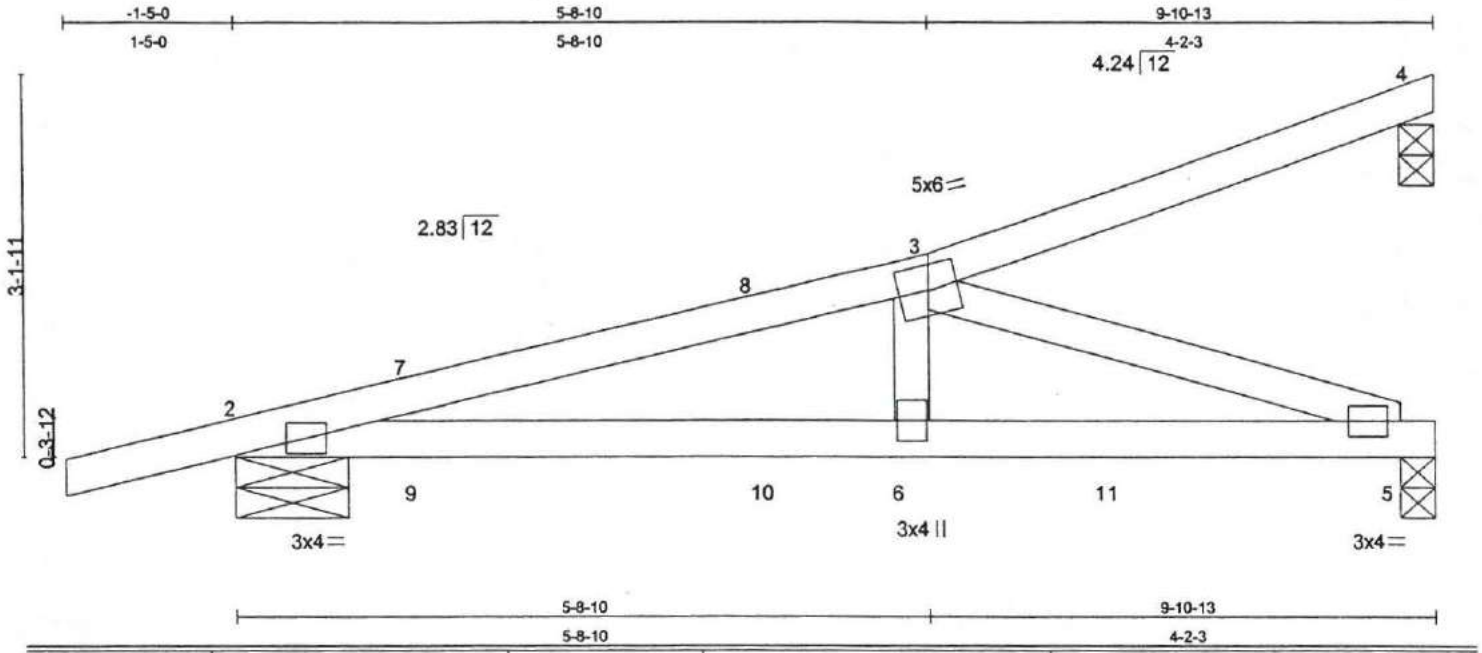
PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ92	ROOF TRUSS	2	1	



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.69	Vert(LL)	0.08	2-6	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.35	Vert(TL)	-0.08	2-6	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.37	Horz(TL)	-0.02	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 40 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-11-12 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 6-4-11 on center bracing.

REACTIONS (lb/size) 4=179/0-3-8, 2=594/0-11-5, 5=403/0-3-8
Max Horz 2=282(load case 2)
Max Uplift4=-154(load case 5), 2=-565(load case 2), 5=-242(load case 2)
Max Grav4=205(load case 7), 2=636(load case 6), 5=403(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-7=-1094, 7-8=-1052, 3-8=-1018, 3-4=59
BOT CHORD 2-9=1021, 9-10=1021, 6-10=1021, 6-11=1005, 5-11=1005
WEBS 3-6=159, 3-5=-1064

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 154 lb uplift at joint 4, 565 lb uplift at joint 2 and 242 lb uplift at joint 5.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

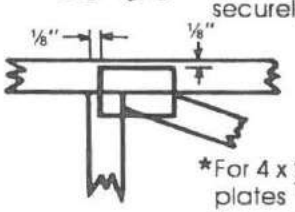
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-7=-90.0, 7-8=-90.0, 3-8=-90.0, 3-4=-90.0, 2-9=-20.0, 9-10=-20.0, 6-10=-20.0, 6-11=-20.0, 5-11=-20.0
Concentrated Loads (lb)
Vert: 7=106 8=-42 9=24 10=-14 11=-54

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

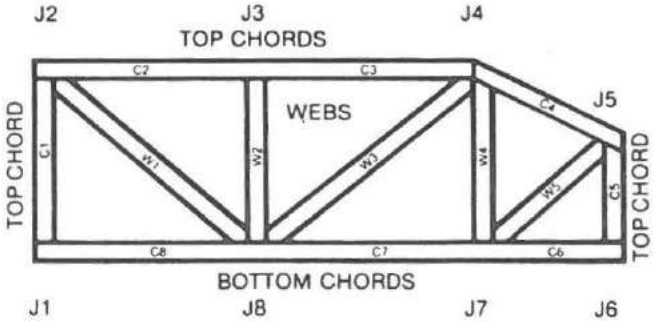
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ91	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:47 2001 Page 1

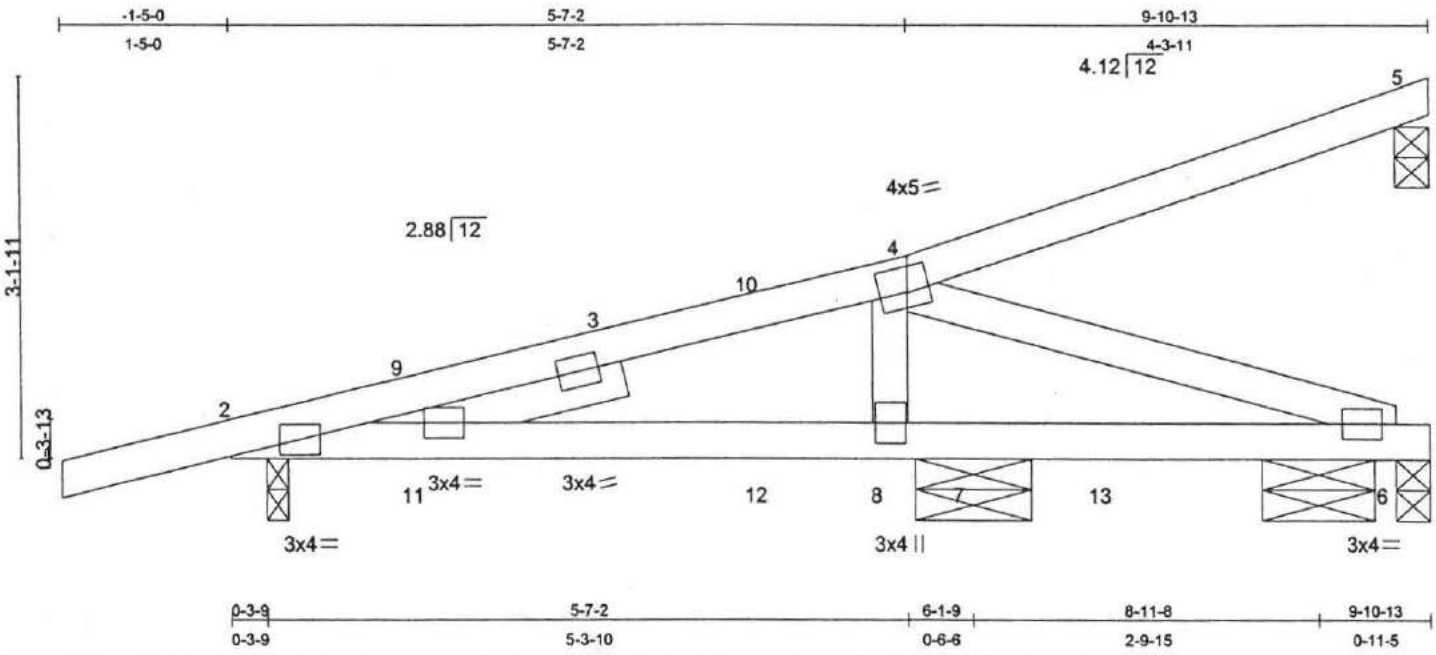


Plate Offsets (X,Y): [2:0-5-8,0-1-8], [4:0-2-12,0-2-8]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.52	Vert(LL)	0.07 2-8	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.36	Vert(TL)	-0.06 2-8	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.15	Horz(TL)	-0.01 6	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360			Weight: 43 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3
SLIDER Left 2 X 4 SYP No.2ND 2-1-12

BRACING
TOP CHORD Sheathed or 8-1-14 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 8-0-13 on center bracing.

REACTIONS (lb/size) 5=187/0-3-8, 2=361/0-2-2, 6=139/0-3-8, 6=139/0-3-8, 7=362/0-11-5
Max Horz 2=282(load case 2)
Max Uplift5=-163(load case 5), 2=-485(load case 4), 6=-112(load case 2), 7=-170(load case 2)
Max Grav5=201(load case 7), 2=524(load case 6), 6=146(load case 6), 6=139(load case 1), 7=362(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-9=-380, 3-9=-364, 3-10=-359, 4-10=-334, 4-5=60
BOT CHORD 2-11=349, 11-12=349, 8-12=349, 7-8=370, 7-13=370, 6-13=370
WEBS 4-8=-197, 4-6=-391

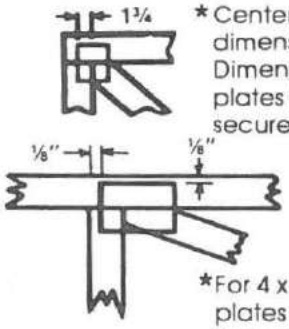
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 163 lb uplift at joint 5, 485 lb uplift at joint 2, 112 lb uplift at joint 6, and 170 lb uplift at joint 7.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-9=-90.0, 3-9=-90.0, 3-10=-90.0, 4-10=-90.0, 4-5=-90.0, 2-11=-20.0, 11-12=-20.0, 8-12=-20.0, 7-8=-20.0, 7-13=-20.0, 6-13=-20.0
Concentrated Loads (lb)
Vert: 9=212 10=-20 11=22 12=-14 13=-54

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

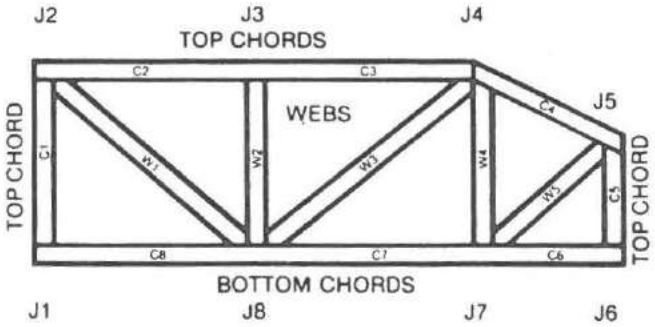
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM016,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ9	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:44 2001 Page 1

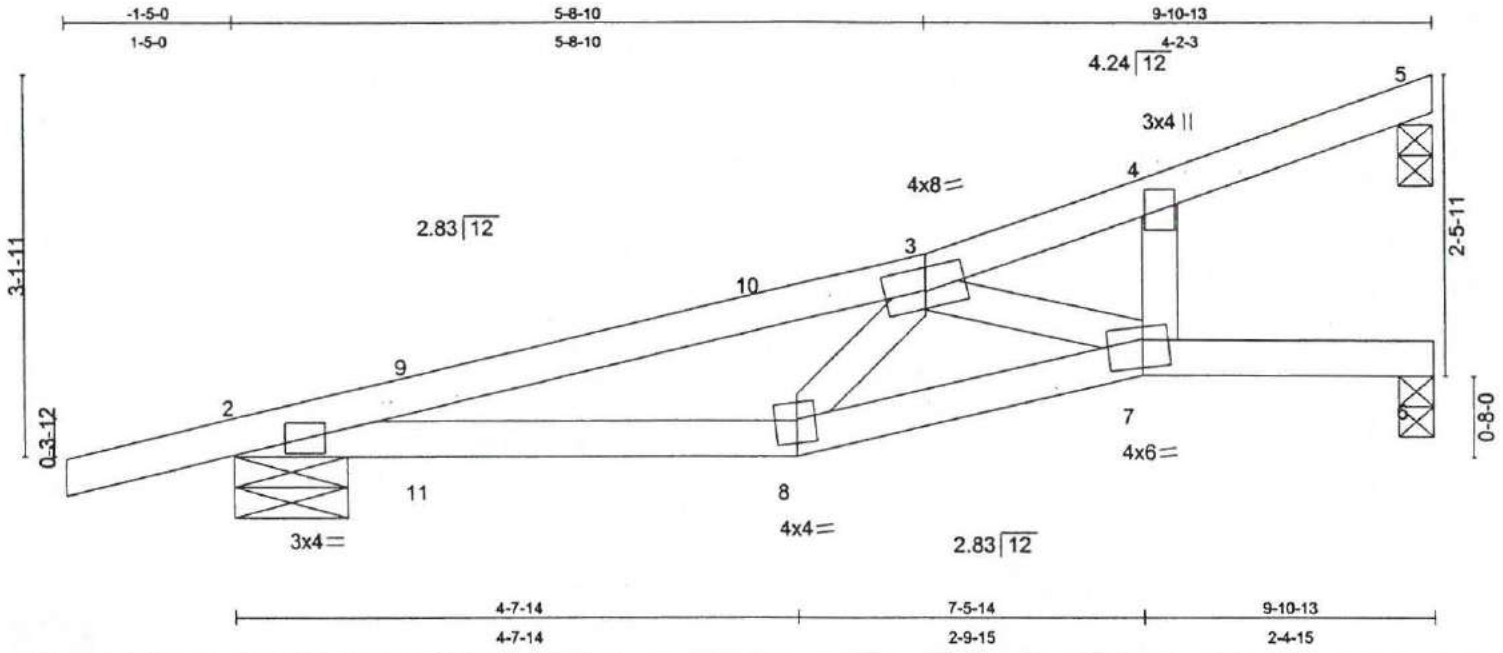


Plate Offsets (X,Y): [3:0-4-0,0-2-4], [7:0-2-8,0-2-12], [8:0-2-0,0-0-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.70	Vert(LL)	0.17	7-8	>661	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	1.00	Vert(TL)	-0.16	7-8	>716		
BCLL	0.0	Rep Stress Incr	NO	WB	0.28	Horz(TL)	0.03	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 39 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND *Except*
6-7 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 5-7-6 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 1-3-0 on center bracing.

REACTIONS (lb/size) 5=190/0-3-8, 2=453/0-11-5, 6=410/0-3-8
Max Horz 2=298(load case 2)
Max Uplift5=-155(load case 3), 2=-540(load case 4), 6=-256(load case 2)
Max Grav2=599(load case 6), 6=410(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-9=-872, 9-10=-851, 3-10=-827, 3-4=-99, 4-5=57
BOT CHORD 2-11=827, 8-11=827, 7-8=807, 6-7=-0
WEBS 3-8=32, 3-7=-856, 4-7=97

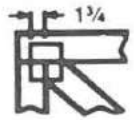
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 155 lb uplift at joint 5, 540 lb uplift at joint 2 and 256 lb uplift at joint 6.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-9=-90.0, 9-10=-90.0, 3-10=-90.0, 3-4=-90.0, 4-5=-90.0, 2-11=-20.0, 8-11=-20.0, 7-8=-20.0, 6-7=-20.0
Concentrated Loads (lb)
Vert: 8=-14 7=-55 9=212 10=-20 11=22

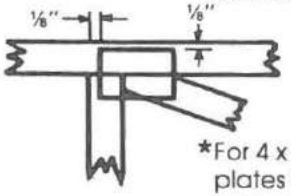
SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

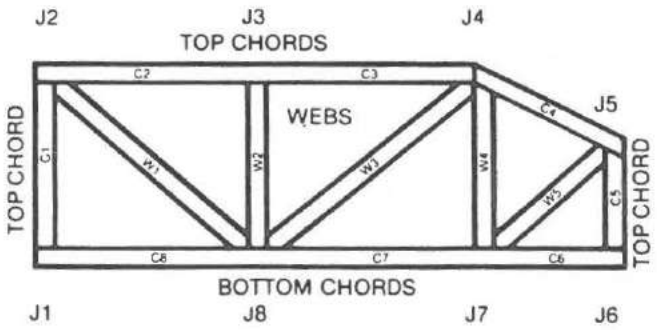
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

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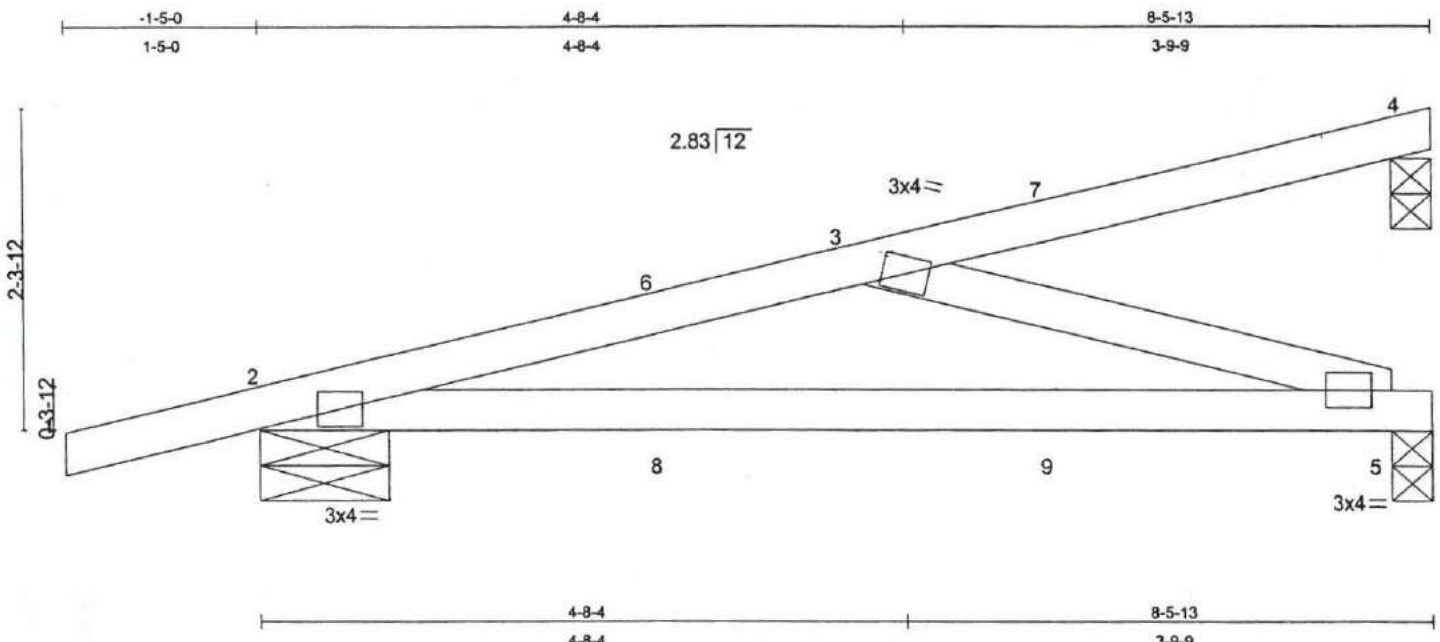
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ8	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:42 2001 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.71	Vert(LL) n/a - n/a	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.64	Vert(TL) -0.31 2-5 >307	
BCLL 0.0	Rep Stress Incr NO	WB 0.39	Horz(TL) -0.02 5 n/a	
BCDL 10.0	Code SBC/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 34 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 5-9-4 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 4-1-5 on center bracing.

REACTIONS (lb/size) 4=191/0-3-8, 2=609/0-11-5, 5=347/0-3-8,
Max Horz 2=212(load case 2)
Max Uplift 4=-219(load case 5), 2=-599(load case 2), 5=-266(load case 3)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-6=-952, 3-6=-884, 3-7=-70, 4-7=36
BOT CHORD 2-8=886, 8-9=886, 5-9=886
WEBS 3-5=-919

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 219 lb uplift at joint 4, 599 lb uplift at joint 2 and 266 lb uplift at joint 5.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

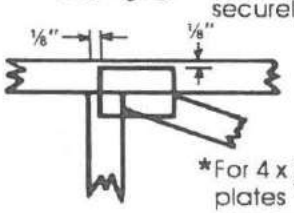
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-6=-90.0, 3-6=-90.0, 3-7=-90.0, 4-7=-90.0, 2-8=-20.0, 8-9=-20.0, 5-9=-20.0
Concentrated Loads (lb)
Vert: 6=62 7=-138 8=2 9=-34

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

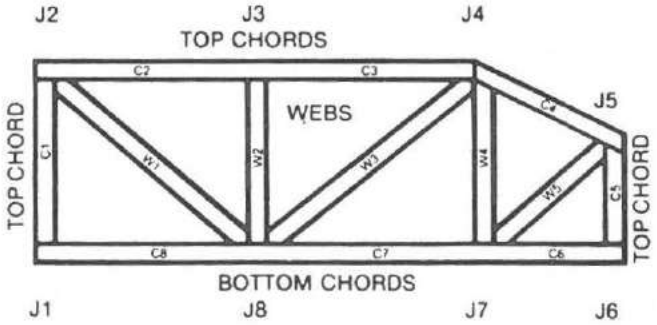
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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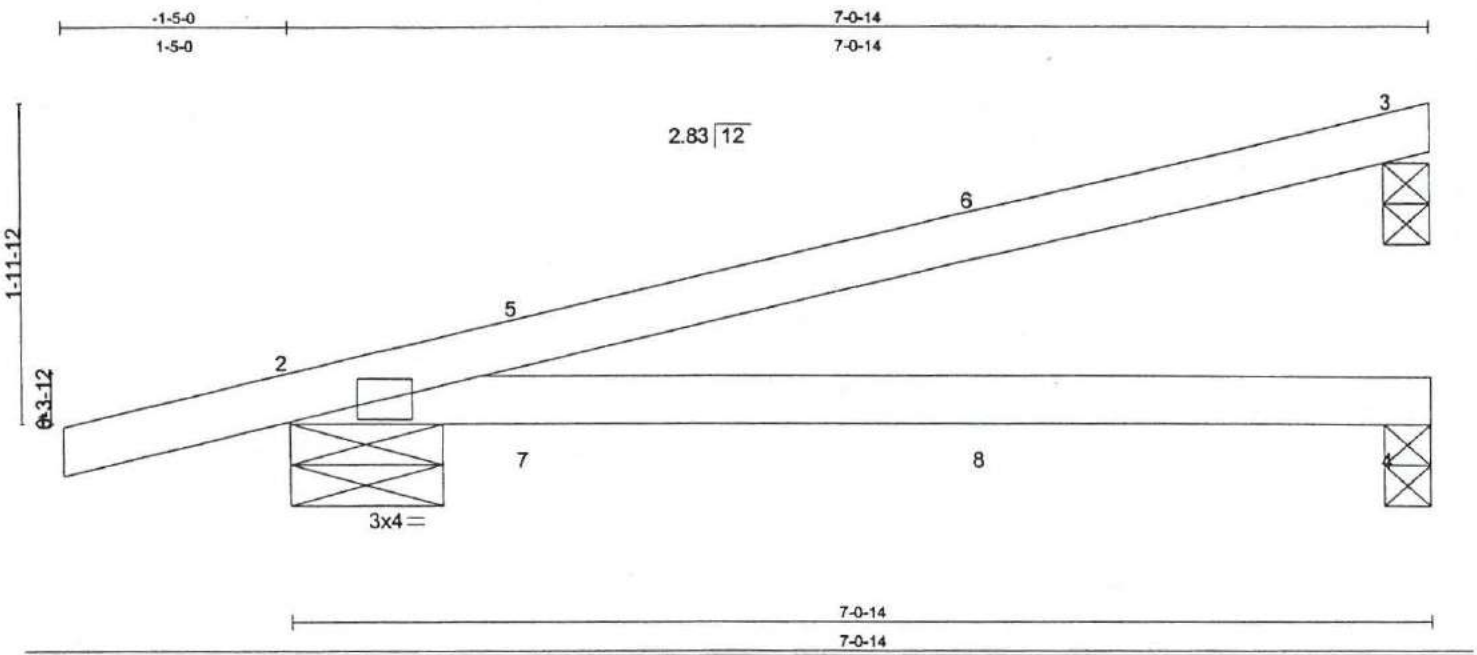
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ72	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:39 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.79	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.26	Vert(TL)	0.38	1-2	>49		
BCLL	0.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	-0.00	3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 24 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2ND

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

REACTIONS (lb/size) 3=293/0-3-8, 2=448/0-11-5, 4=72/0-3-8
Max Horz 2=187(load case 5)
Max Uplift3=-402(load case 3), 2=-405(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-5=-60, 5-6=0, 3-6=55
BOT CHORD 2-7=0, 7-8=0, 4-8=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 402 lb uplift at joint 3 and 405 lb uplift at joint 2.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

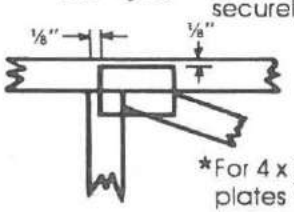
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-5=-90.0, 5-6=-90.0, 3-6=-90.0, 2-7=-20.0, 7-8=-20.0, 4-8=-20.0
Concentrated Loads (lb)
Vert: 5=106 6=-42 7=24 8=-14

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

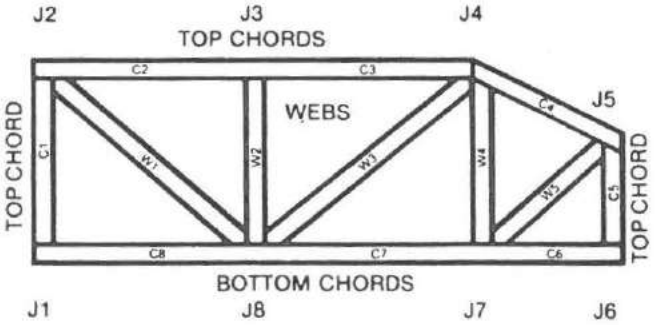
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ71	ROOF TRUSS	4	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:37 2001 Page 1

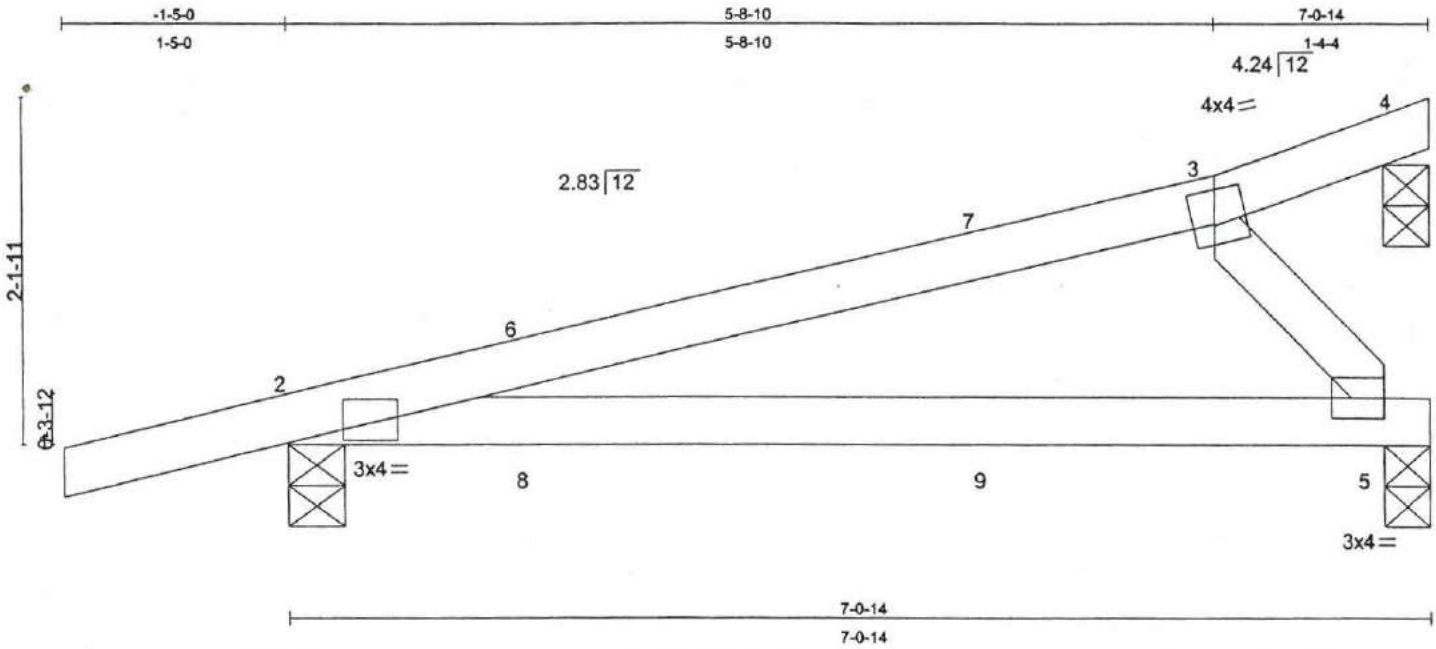


Plate Offsets (X,Y): [2:0-1-0,0-1-8], [3:0-2-0,0-0-12], [5:0-1-8,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.91	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.28	Vert(TL)	0.16	1-2	>118		
BCLL	0.0	Rep Stress Incr	NO	WB	0.11	Horz(TL)	-0.00	5	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 26 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=86/0-3-8, 2=354/0-4-4, 5=254/0-3-8
Max Horz 2=210(load case 2)
Max Uplift4=-87(load case 3), 2=-472(load case 4), 5=-241(load case 2)
Max Grav2=514(load case 6), 5=256(load case 6)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-6=-175, 6-7=-146, 3-7=-128, 3-4=29
BOT CHORD 2-8=142, 8-9=142, 5-9=142
WEBS 3-5=-231

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 4, 472 lb uplift at joint 2 and 241 lb uplift at joint 5.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

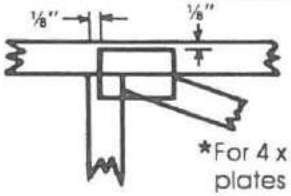
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-6=-90.0, 6-7=-90.0, 3-7=-90.0, 3-4=-90.0, 2-8=-20.0, 8-9=-20.0, 5-9=-20.0
Concentrated Loads (lb)
Vert: 6=204 7=-20 8=21 9=-15

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

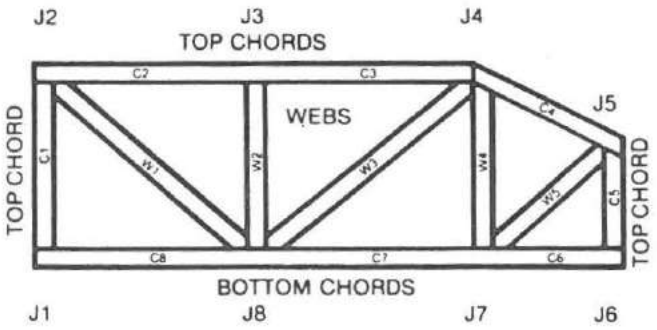
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ7	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:34 2001 Page 1

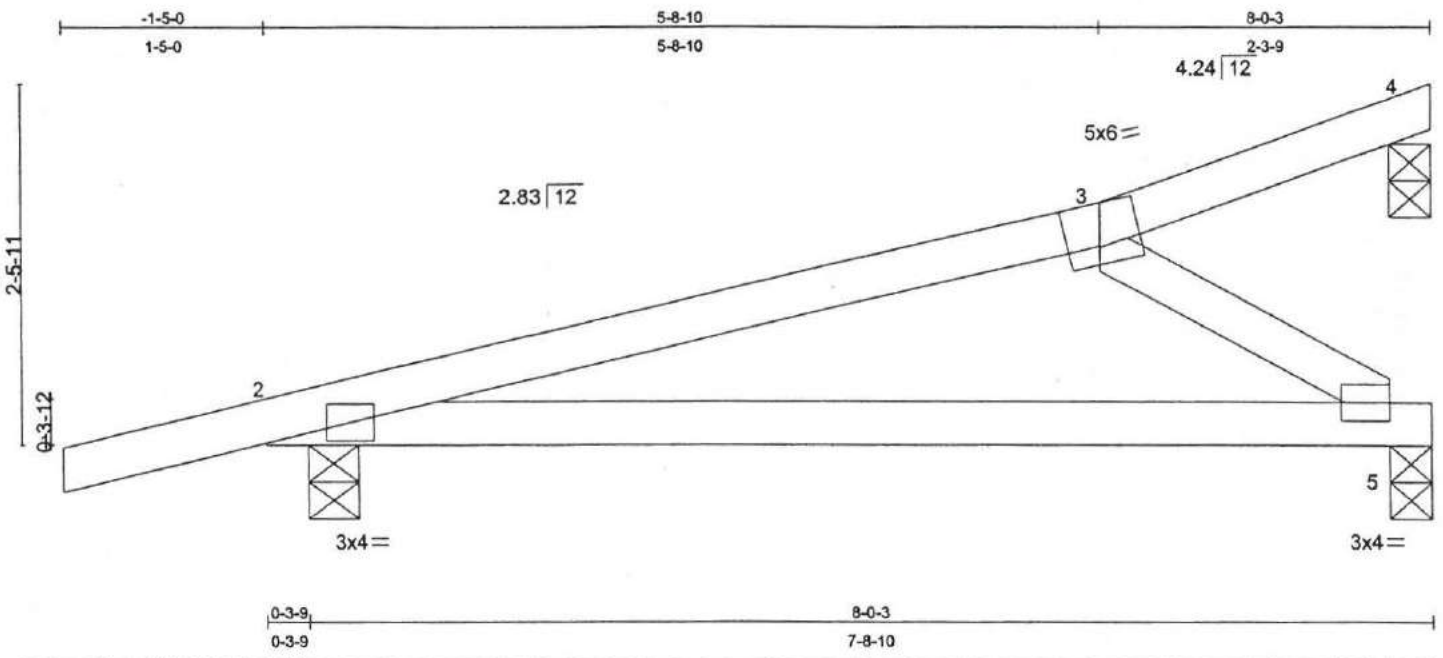


Plate Offsets (X,Y): [5:0-1-8,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.50	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.47	Vert(TL)	-0.20	2-5	>458		
BCLL	0.0	Rep Stress Incr	NO	WB	0.11	Horz(TL)	-0.00	4	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 30 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 7-6-6 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 4=232/0-3-8, 2=426/0-4-4, 5=344/0-3-8
Max Horz 2=255(load case 2)
Max Uplift4=-227(load case 3), 2=-339(load case 2), 5=-147(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-3=-402, 3-4=77
BOT CHORD 2-5=356
WEBS 3-5=-431

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 227 lb uplift at joint 4, 339 lb uplift at joint 2 and 147 lb uplift at joint 5.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

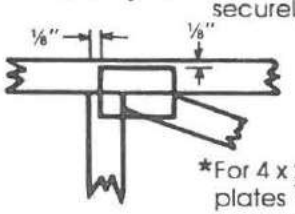
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0
Trapezoidal Loads (plf)
Vert: 2=-3.3-to-3=-131.1, 3=-131.1-to-4=-180.3, 2=0.0-to-5=-40.1

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

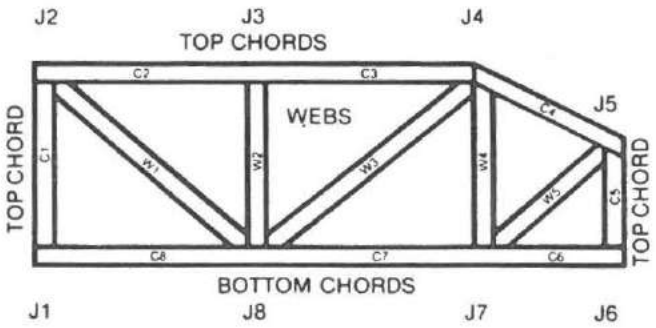
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	KJ5A	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:31 2001 Page 1

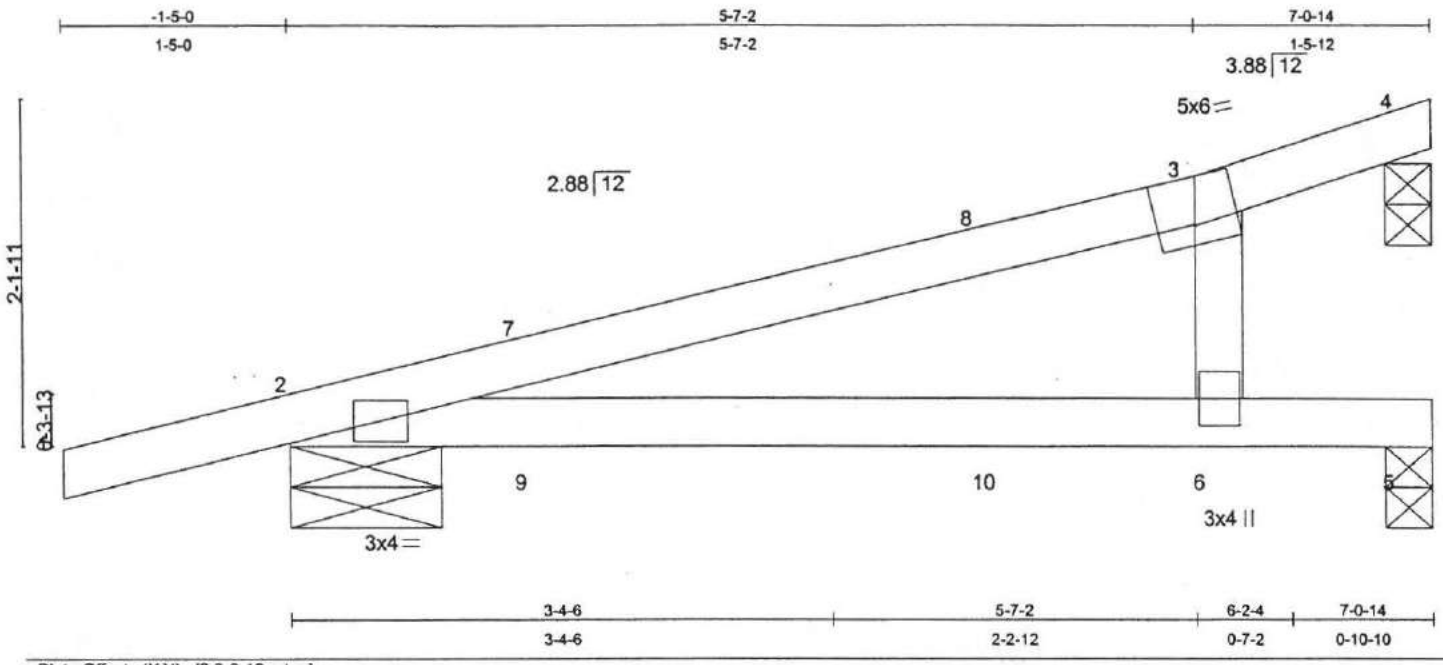


Plate Offsets (X,Y): [3:0-2-12,edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.83	Vert(LL)	0.10	2-6	>811	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.28	Vert(TL)	0.15	1-2	>127		
BCLL	0.0	Rep Stress Incr	NO	WB	0.06	Horz(TL)	0.00	4	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 26 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=340/0-3-8, 2=302/0-11-5, 5=44/0-3-8
Max Horz 2=209(load case 2)
Max Uplift4=-232(load case 2), 2=-442(load case 4), 5=-102(load case 2)
Max Grav2=468(load case 6), 5=44(load case 6)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-7=-24, 7-8=4, 3-8=37, 3-4=104
BOT CHORD 2-9=-4, 9-10=-4, 6-10=-4, 5-6=0
WEBS 3-6=34

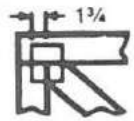
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 232 lb uplift at joint 4, 442 lb uplift at joint 2 and 102 lb uplift at joint 5.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-7=-90.0, 7-8=-90.0, 3-8=-90.0, 3-4=-90.0, 2-9=-20.0, 9-10=-20.0, 6-10=-20.0, 5-6=-20.0
Concentrated Loads (lb)
Vert: 7=212 8=-20 9=22 10=-14

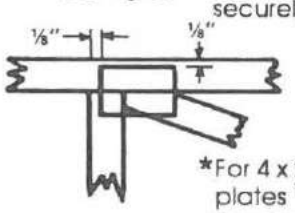
SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

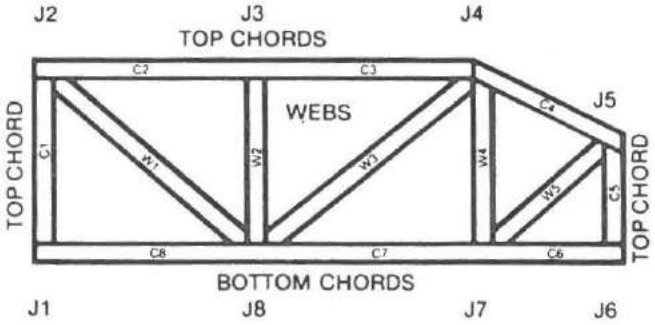
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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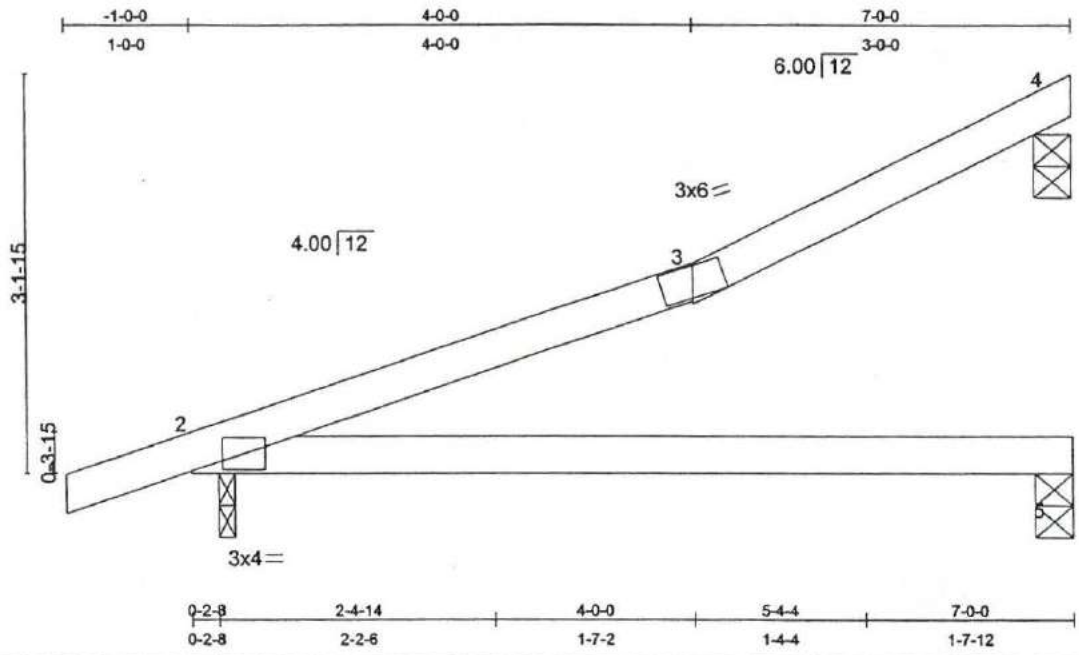
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JE7	ROOF TRUSS	20	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:29 2001 Page 1



0-2-8	2-4-14	4-0-0	5-4-4	7-0-0
0-2-8	2-2-6	1-7-2	1-4-4	1-7-12

Plate Offsets (X,Y): [3:0-3-0,0-1-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.75	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.34	Vert(TL)	0.15	1-2	>94		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.06	4	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 24 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
3-4 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 5-0-0 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 4=415/0-3-8, 2=359/0-1-8, 5=67/0-3-8
Max Horz 2=275(load case 2)
Max Uplift4=-345(load case 5), 2=-235(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=41, 3-4=186
BOT CHORD 2-5=0

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 345 lb uplift at joint 4 and 235 lb uplift at joint 2.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

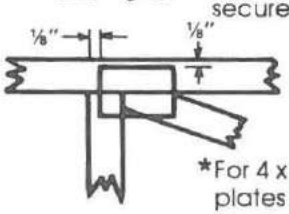
CHAI TAM - ENG - CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

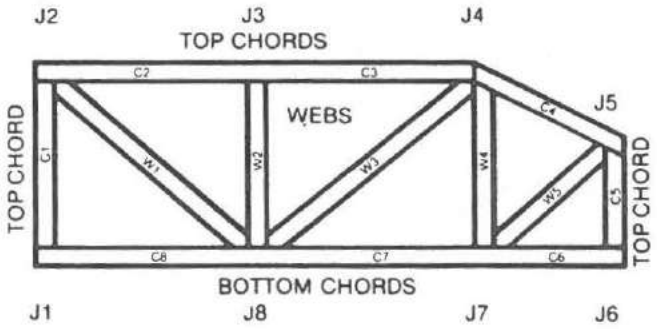
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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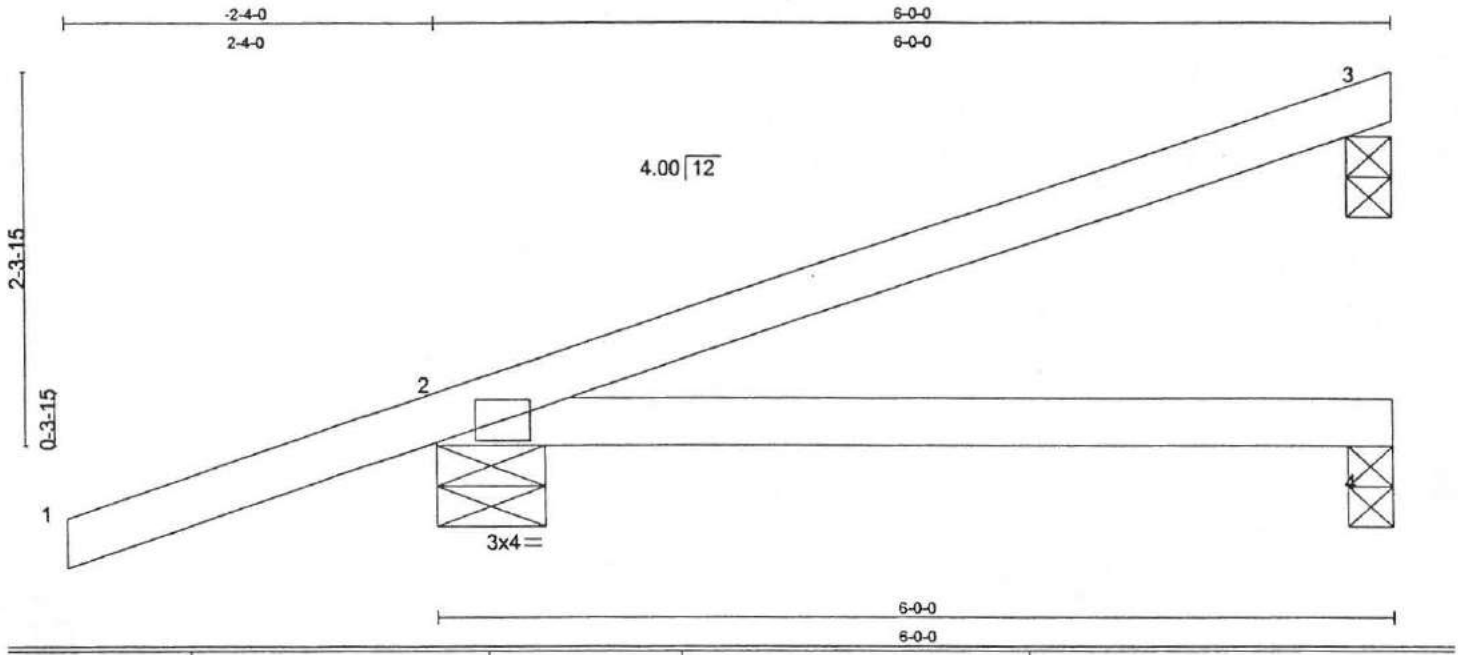
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JE6A	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:26 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.85	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.15	Vert(TL)	0.43	1-2	>69		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 22 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 5-0-0 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 3=208/0-3-8, 2=586/0-8-0, 4=57/0-3-8
Max Horz 2=264(load case 3)
Max Uplift3=-208(load case 5), 2=-498(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=65, 2-3=51
BOT CHORD 2-4=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 208 lb uplift at joint 3 and 498 lb uplift at joint 2.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

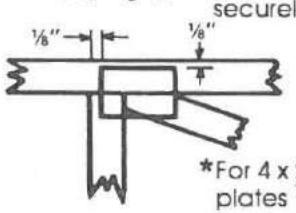
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

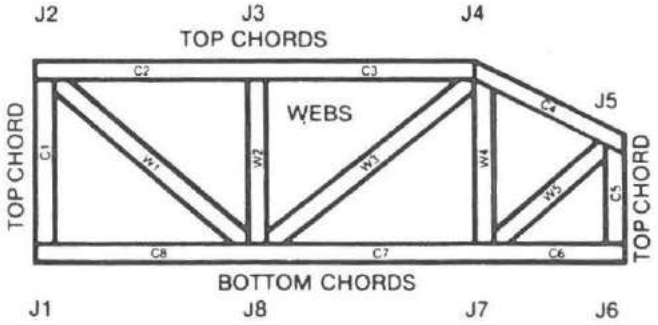
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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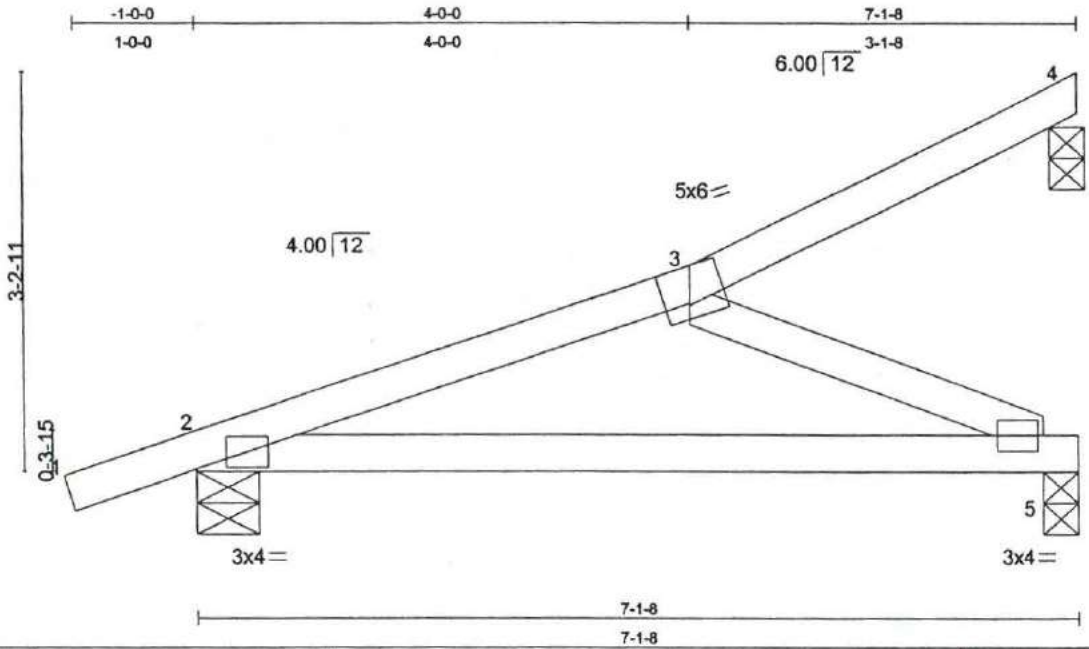
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JE68	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:24 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.26	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.27	Vert(TL)	-0.12	2-5	>669		
BCLL	0.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.00	4	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 28 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=175/0-3-8, 2=473/0-6-0, 5=214/0-3-8
Max Horz 2=284(load case 2)
Max Uplift4=-192(load case 5), 2=-322(load case 4), 5=-83(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=28, 2-3=-389, 3-4=78
BOT CHORD 2-5=308
WEBS 3-5=-341

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 192 lb uplift at joint 4, 322 lb uplift at joint 2 and 83 lb uplift at joint 5.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

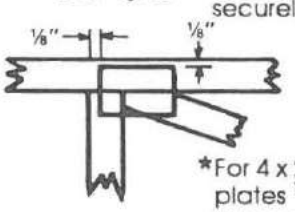
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

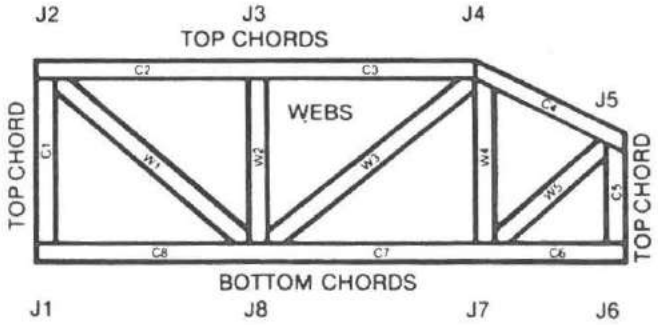
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JE67	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce FL 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:21 2001 Page 1

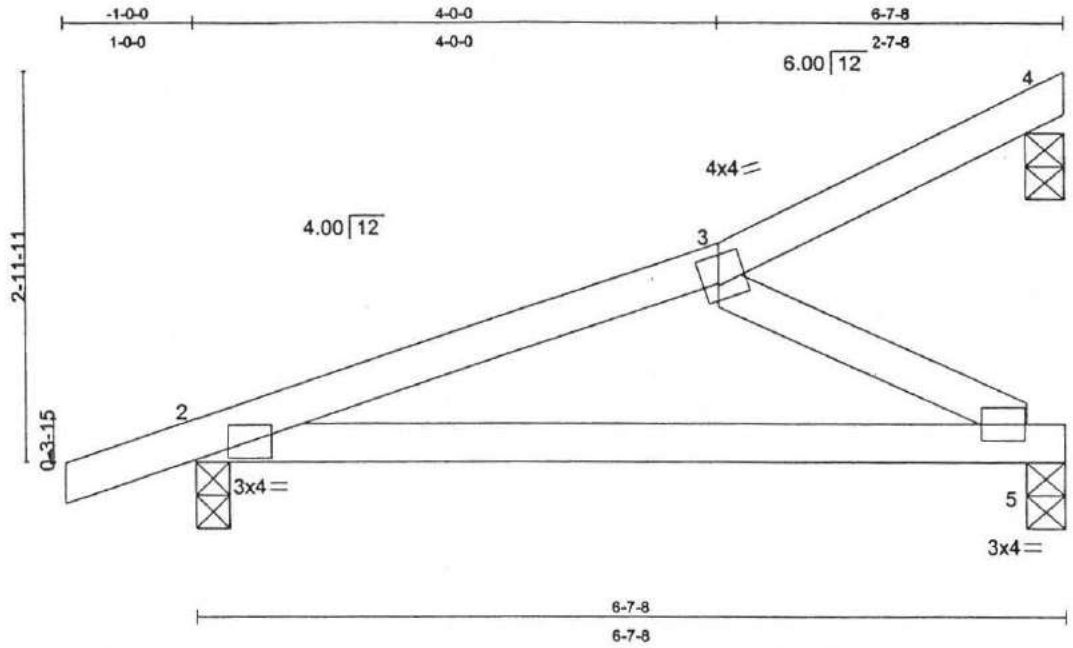


Plate Offsets (X,Y): [3:0-2-0,0-0-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.43	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.37	Vert(TL)	-0.09	2-5	>836		
BCLL	0.0	Rep Stress Incr	YES	WB	0.07	Horz(TL)	-0.00	4	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 26 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=144/0-3-8, 2=442/0-3-0, 5=211/0-3-8
Max Horz 2=262(load case 2)
Max Uplift 4=-157(load case 5), 2=-308(load case 4), 5=-90(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=-333, 3-4=64
BOT CHORD 2-5=256
WEBS 3-5=-296

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 157 lb uplift at joint 4, 308 lb uplift at joint 2 and 90 lb uplift at joint 5.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

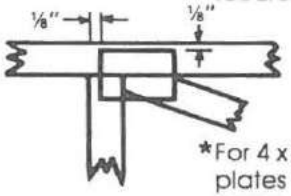
CHAI TAM SENG - CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

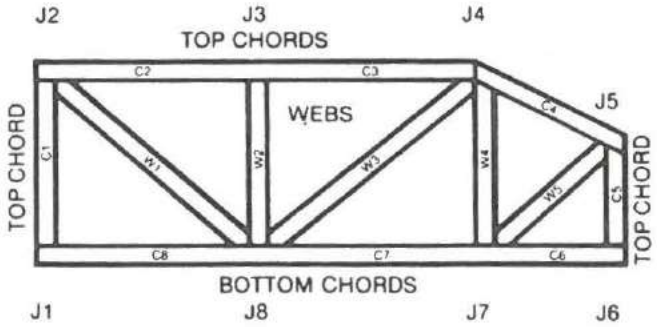
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19 % at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JE6	ROOF TRUSS	5	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:19 2001 Page 1

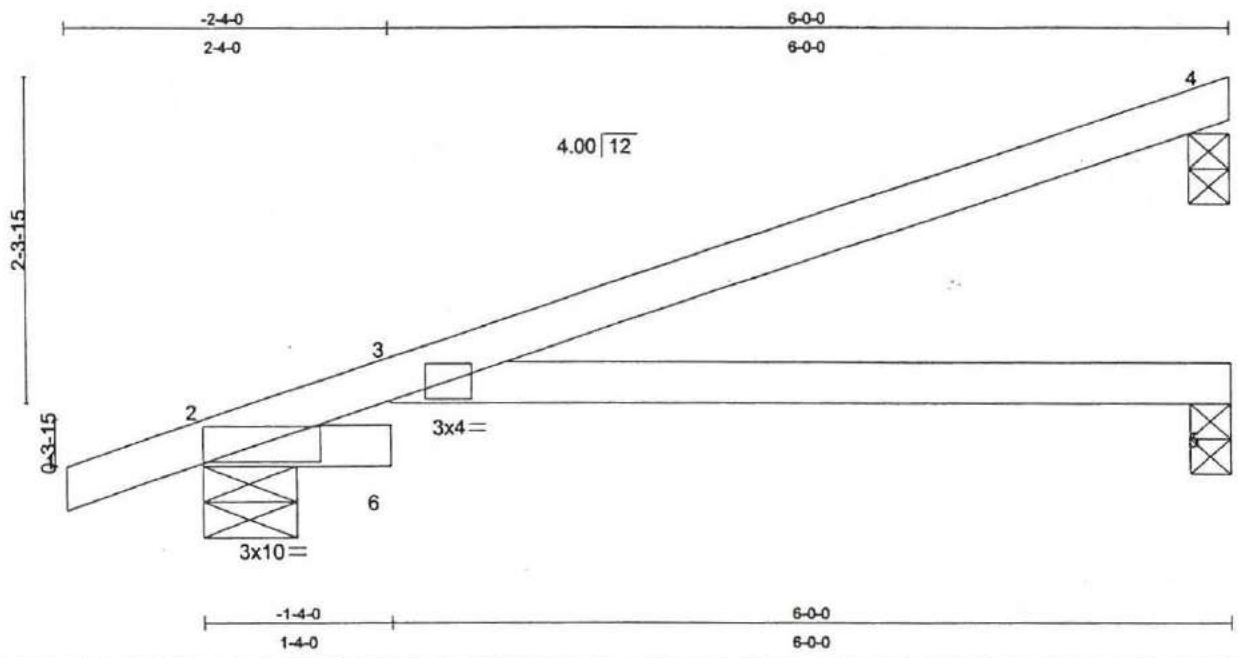


Plate Offsets (X,Y): [2:0-5-2,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.90	Vert(LL)	0.08	3	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.33	Vert(TL)	-0.07	3	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.03	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 24 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=239/0-3-8, 5=77/0-3-8, 2=559/0-8-0
Max Horz 2=252(load case 3)
Max Uplift4=-229(load case 3), 2=-352(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=-137, 3-4=62
BOT CHORD 3-5=0, 2-6=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 229 lb uplift at joint 4 and 352 lb uplift at joint 2.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

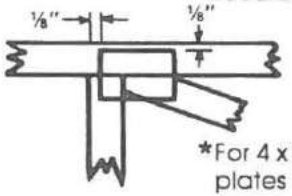
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

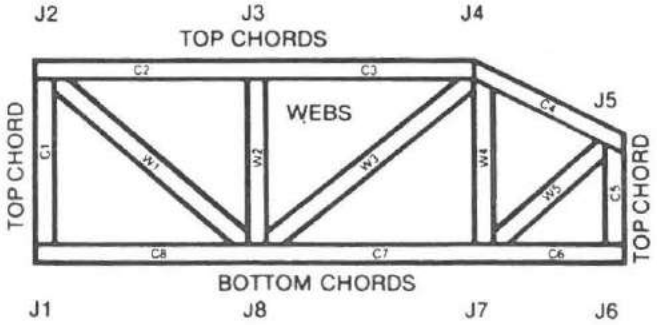
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JE55	ROOF TRUSS	4	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:16 2001 Page 1

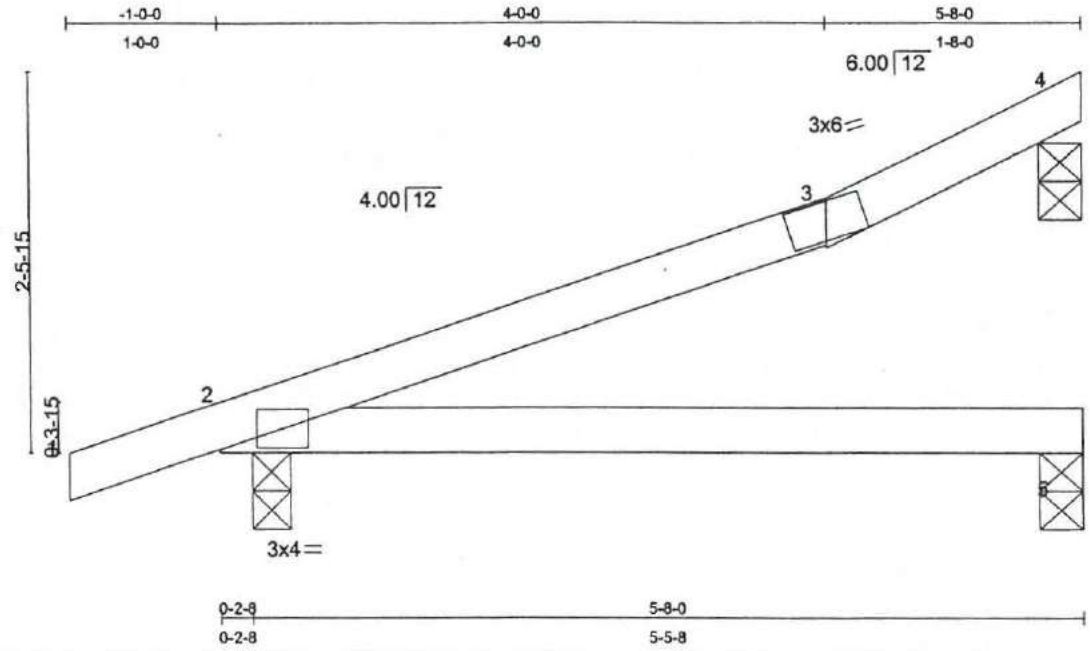


Plate Offsets (X,Y): [3:0-3-0,0-1-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.68	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.22	Vert(TL)	0.05	1-2	>268		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.01	4	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 19 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3 *Except*
3-4 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=295/0-3-8, 2=346/0-3-0, 5=54/0-3-8
Max Horz 2=229(load case 2)
Max Uplift4=-239(load case 2), 2=-256(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=41, 3-4=132
BOT CHORD 2-5=0

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 239 lb uplift at joint 4 and 256 lb uplift at joint 2.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

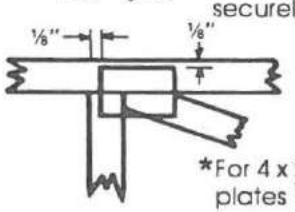
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

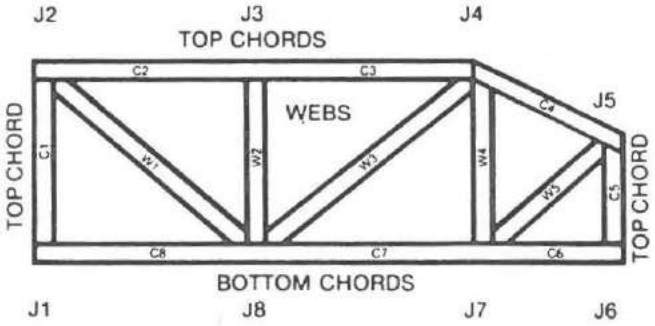
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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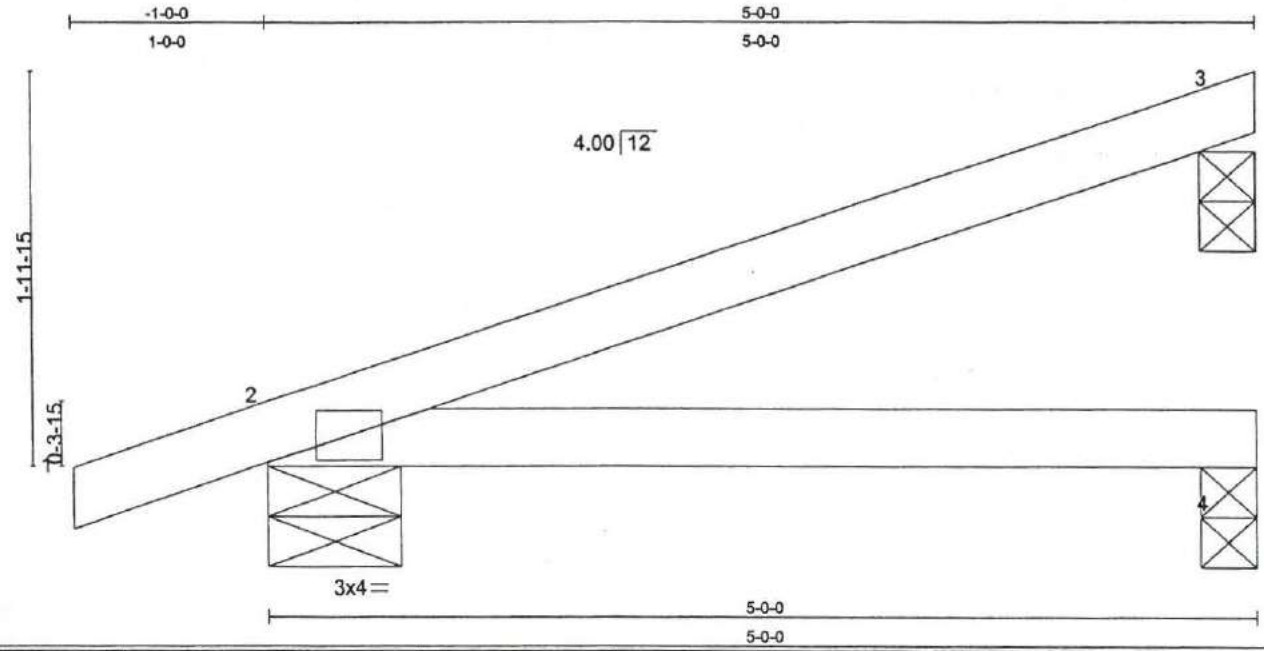
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JE5	ROOF TRUSS	6	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:14 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.67	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.17	Vert(TL)	0.08	1-2	>176		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 17 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 3=199/0-3-8, 2=375/0-8-0, 4=47/0-3-8
Max Horz 2=188(load case 3)
Max Uplift3=-196(load case 5), 2=-248(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=52
BOT CHORD 2-4=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 196 lb uplift at joint 3 and 248 lb uplift at joint 2.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

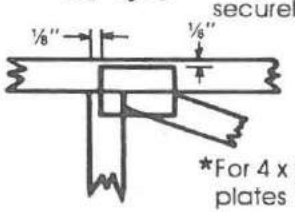
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

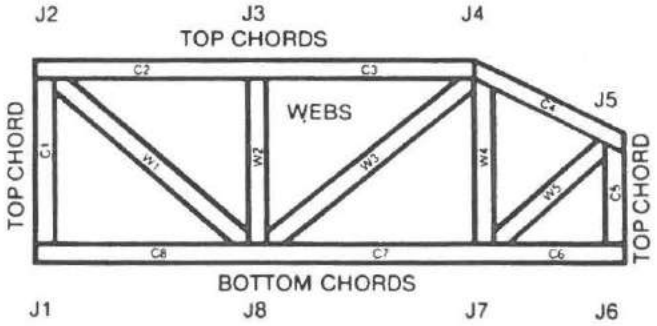
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC7	ROOF TRUSS	6	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:11 2001 Page 1

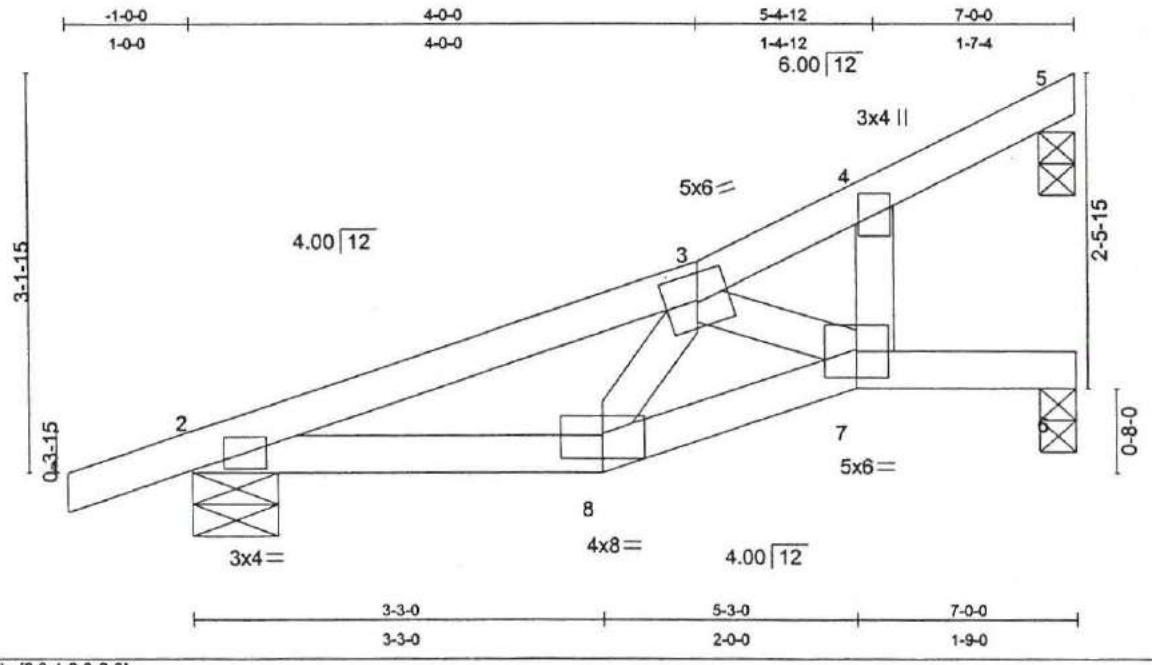


Plate Offsets (X,Y): [8:0-4-0,0-2-3]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.36	Vert(LL)	0.06	7	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.96	Vert(TL)	-0.06	7	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.08	Horz(TL)	-0.01	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 29 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 6-6-12 on center bracing.

REACTIONS (lb/size) 5=193/0-3-8, 2=433/0-8-0, 6=215/0-3-8
Max Horz 2=288(load case 4)
Max Uplift5=-128(load case 5), 2=-305(load case 4), 6=-115(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=-396, 3-4=-98, 4-5=80
BOT CHORD 2-8=314, 7-8=375, 6-7=-1
WEBS 3-8=-75, 4-7=140, 3-7=-384

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 128 lb uplift at joint 5, 305 lb uplift at joint 2 and 115 lb uplift at joint 6.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

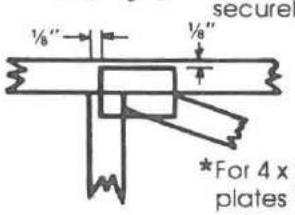
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

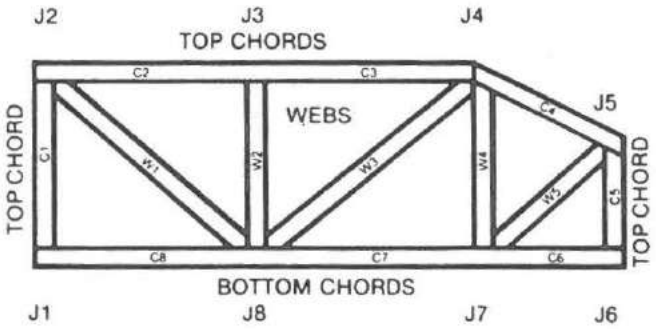
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC5C	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:09 2001 Page 1

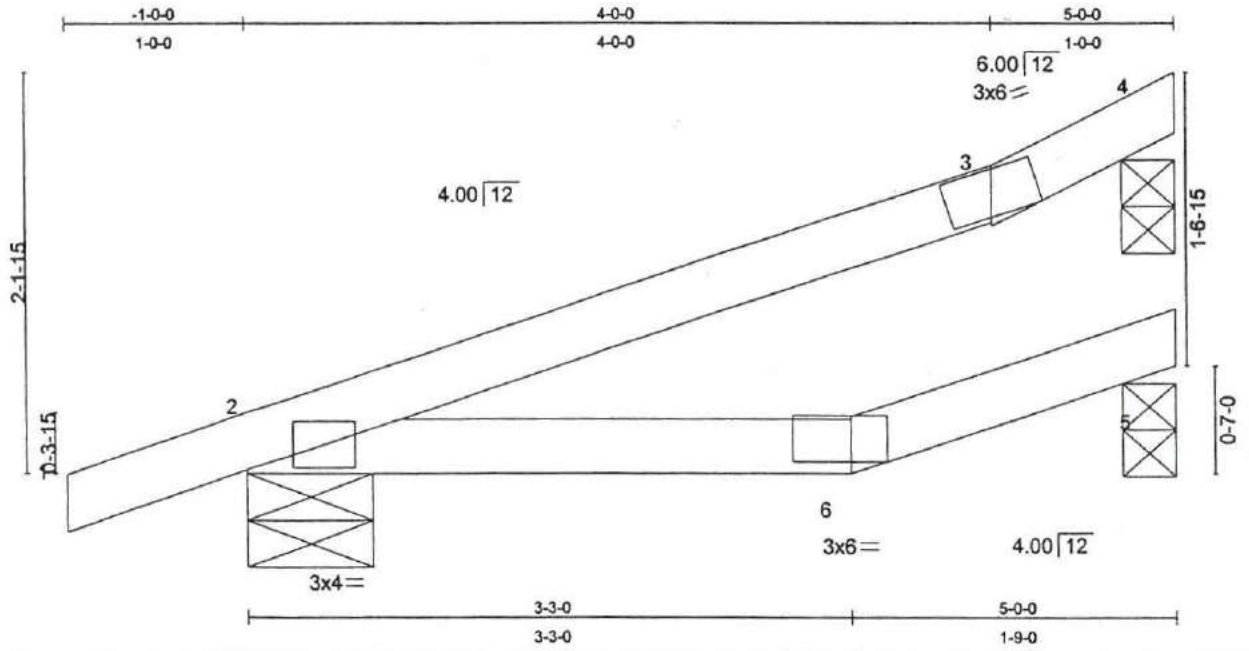


Plate Offsets (X,Y): [3:0-3-0,0-1-7], [6:0-3-12,0-0-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.60	Vert(LL)	0.00	6	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.16	Vert(TL)	0.01	1	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 18 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=228/0-3-8, 2=283/0-8-0, 5=47/0-3-8
Max Horz 2=206(load case 2)
Max Uplift4=-195(load case 2), 2=-280(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=50, 3-4=102
BOT CHORD 2-6=0, 5-6=15

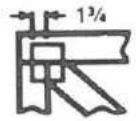
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 195 lb uplift at joint 4 and 280 lb uplift at joint 2.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

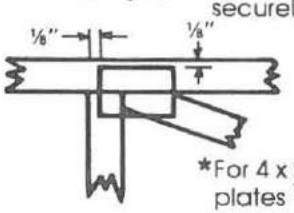
SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

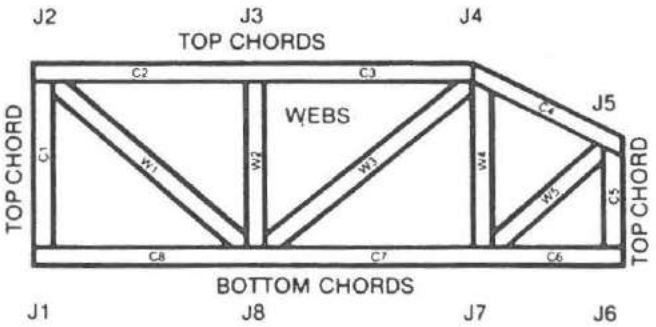
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC5B	ROOF TRUSS	24	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:06 2001 Page 1

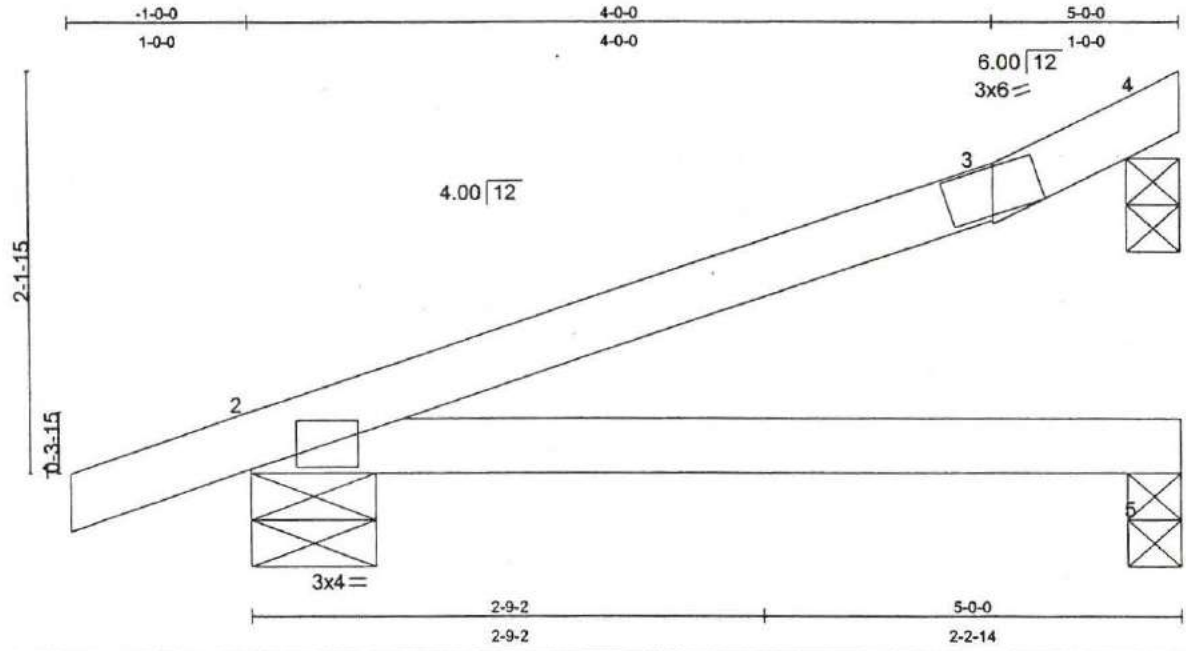


Plate Offsets (X,Y): [3:0-3-0,0-1-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.54	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.17	Vert(TL)	0.04	1-2	>383		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	4	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 17 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=235/0-3-8, 2=339/0-8-0, 5=47/0-3-8
Max Horz 2=206(load case 2)
Max Uplift4=-198(load case 2), 2=-266(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=41, 3-4=105
BOT CHORD 2-5=0

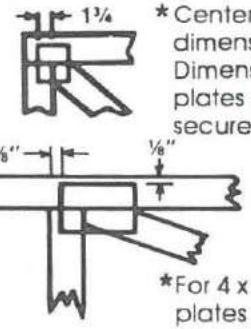
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint 4 and 266 lb uplift at joint 2.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

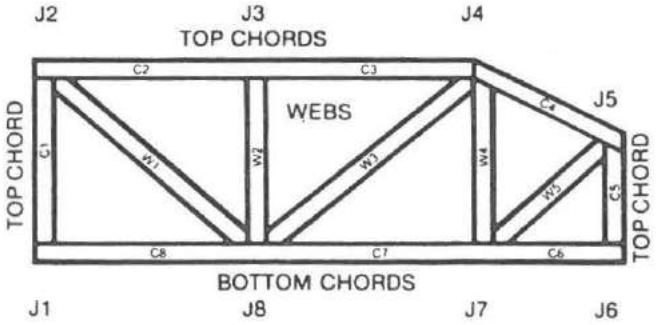
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

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2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
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14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC5A	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:04 2001 Page 1

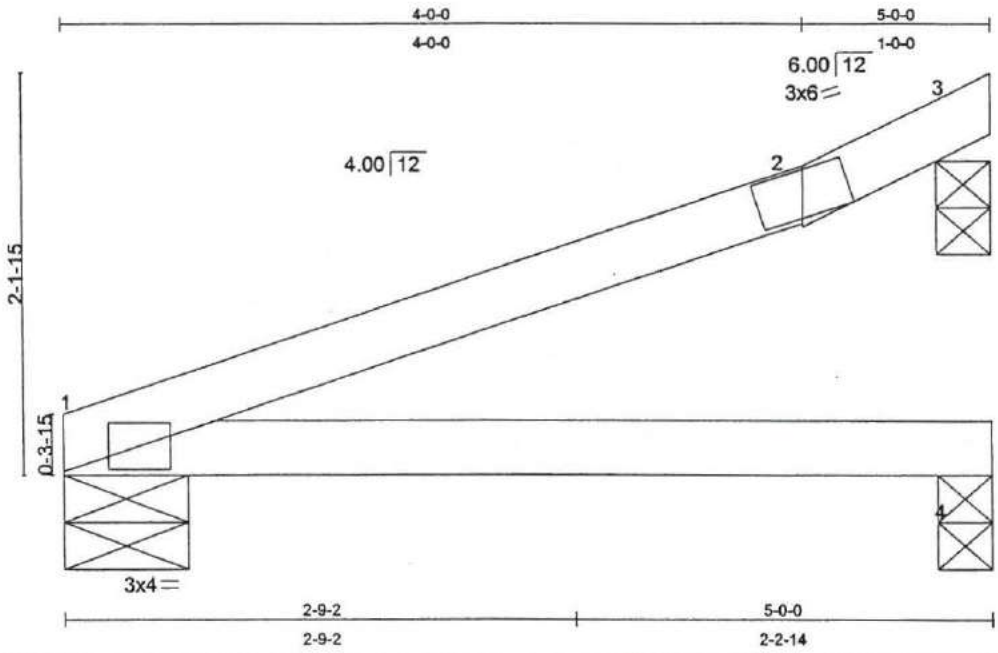


Plate Offsets (X,Y): [2:0-3-0,0-1-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.58	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.17	Vert(TL)	-0.03	1-4	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 16 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=221/0-8-0, 3=250/0-3-8, 4=47/0-3-8
Max Horz 1=160(load case 2)
Max Uplift1=-91(load case 4), 3=-222(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=46, 2-3=112
BOT CHORD 1-4=0

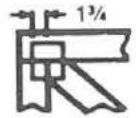
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 91 lb uplift at joint 1 and 222 lb uplift at joint 3.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

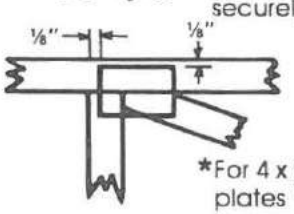
SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

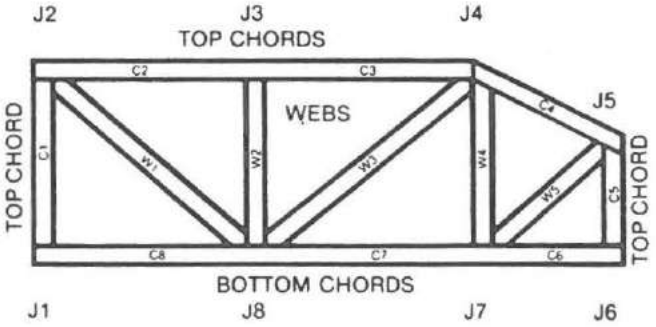
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

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2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC5	ROOF TRUSS	4	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:41:02 2001 Page 1

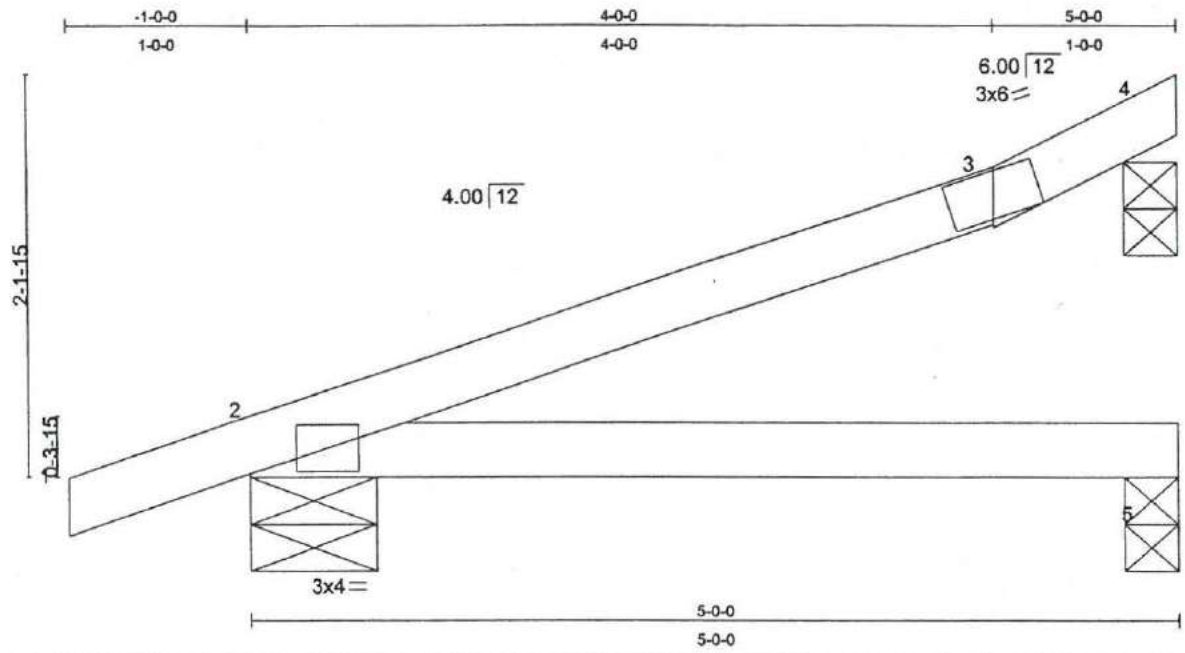


Plate Offsets (X,Y): [3:0-3-0,0-1-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.54	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.17	Vert(TL)	0.04	1-2	>383		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	4	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 17 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=235/0-3-8, 2=339/0-8-0, 5=47/0-3-8
Max Horz 2=206(load case 2)
Max Uplift4=-198(load case 2), 2=-266(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=41, 3-4=105
BOT CHORD 2-5=0

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 198 lb uplift at joint 4 and 266 lb uplift at joint 2.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

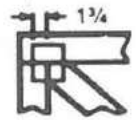
LOAD CASE(S) Standard

ENG - CHAI TAN CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

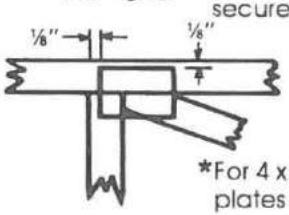
SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

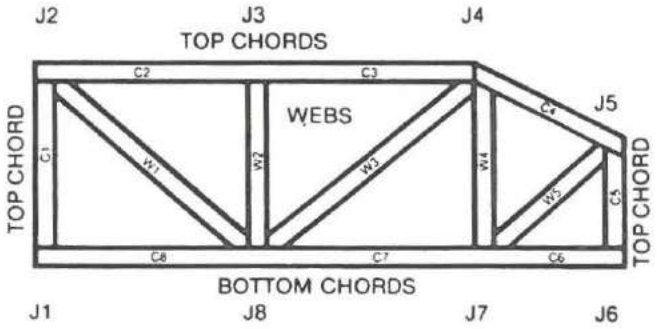
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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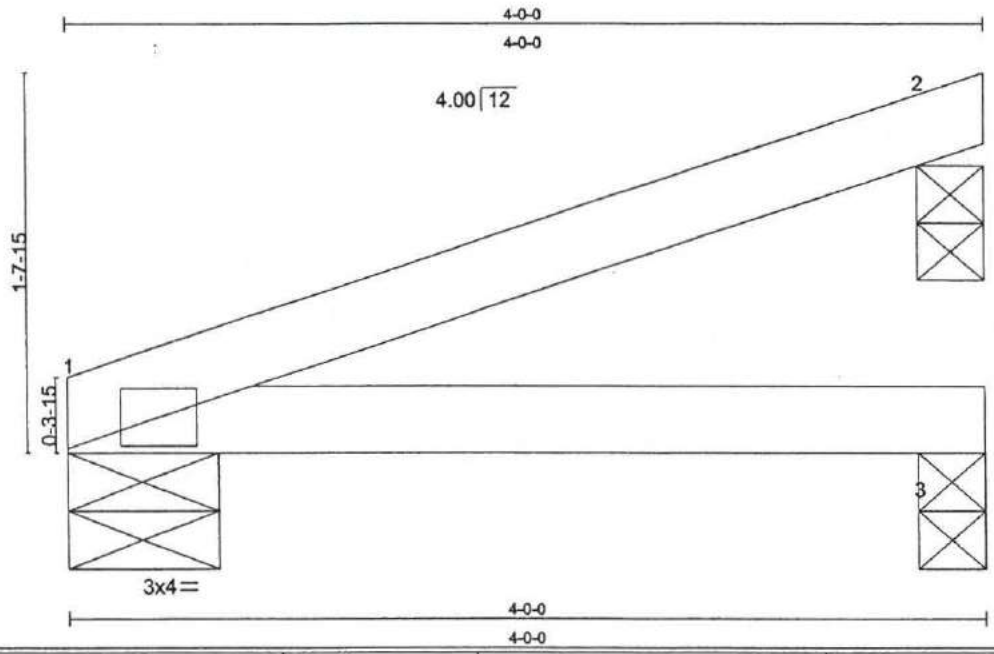
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC42	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:40:59 2001 Page 1



LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.47	Vert(LL)	n/a -	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.10	Vert(TL)	-0.01 1-3	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00 2	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360			Weight: 12 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=204/0-8-0, 2=167/0-3-8, 3=37/0-3-8
Max Horz 1=126(load case 3)
Max Uplift1=-100(load case 3), 2=-164(load case 3)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=45
BOT CHORD 1-3=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint 1 and 164 lb uplift at joint 2.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

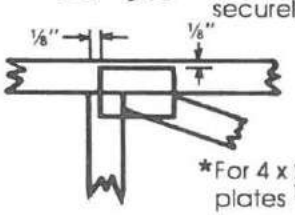
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

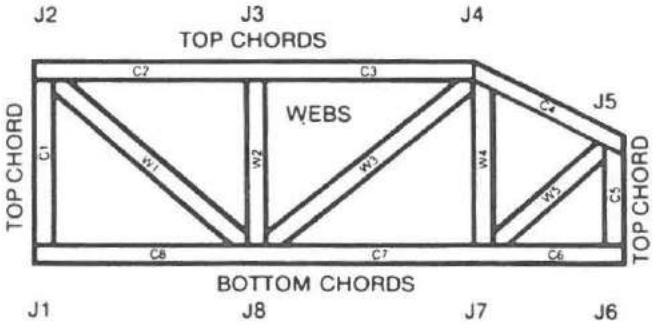
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

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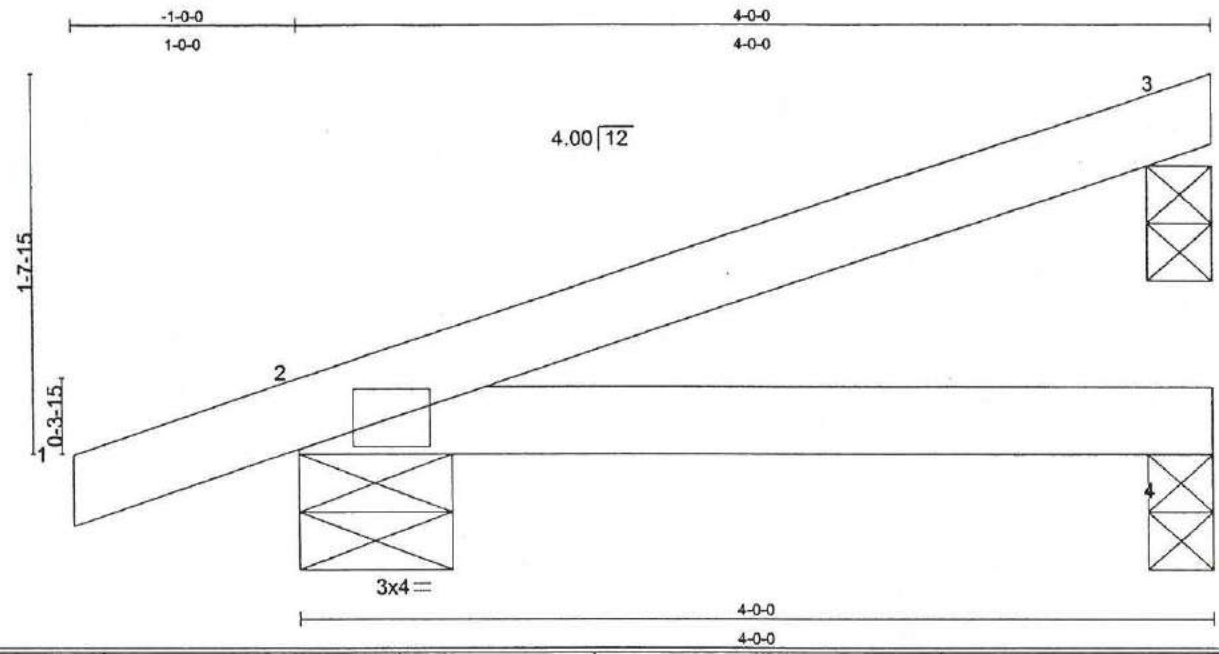
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC41	ROOF TRUSS	3	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:40:58 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.38	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.10	Vert(TL)	0.03	1-2	>458		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 14 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 3=151/0-3-8, 2=323/0-8-0, 4=37/0-3-8
Max Horz 2=156(load case 3)
Max Uplift3=-150(load case 5), 2=-236(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=39
BOT CHORD 2-4=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 150 lb uplift at joint 3 and 236 lb uplift at joint 2.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

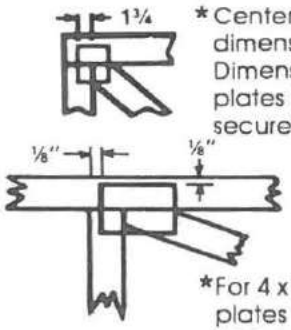
LOAD CASE(S) Standard

CHAI TAN ENG CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

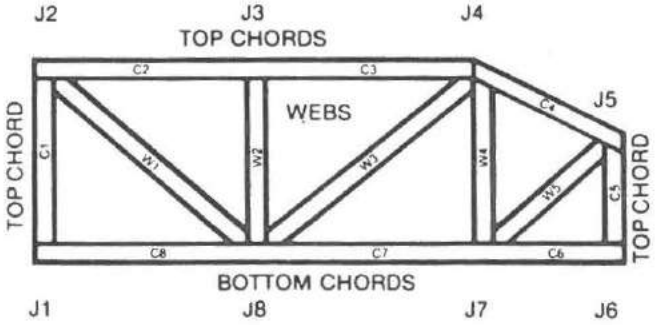
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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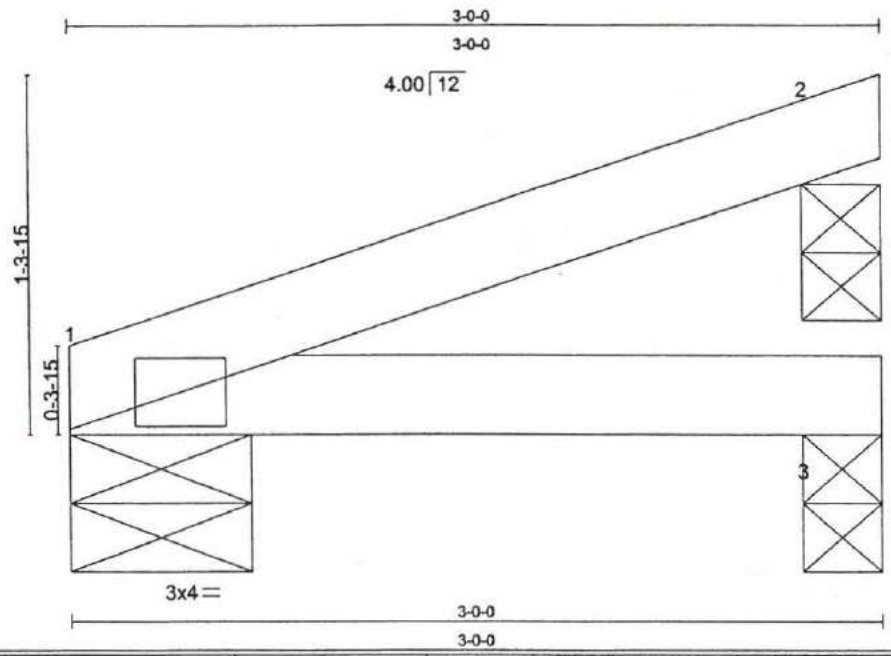
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC31	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:40:56 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.25	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.06	Vert(TL)	-0.00	1-3	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	2	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 9 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=149/0-8-0, 2=122/0-3-8, 3=27/0-3-8
Max Horz 1=94(load case 3)
Max Uplift1=-73(load case 3), 2=-120(load case 3)

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

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 1 and 120 lb uplift at joint 2.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

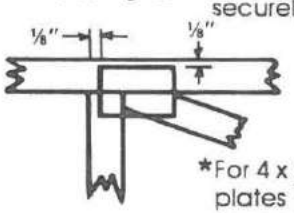
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

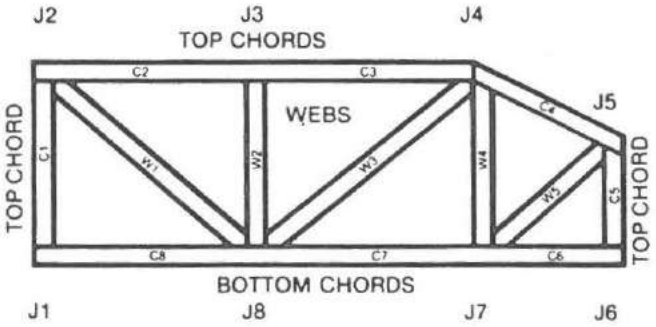
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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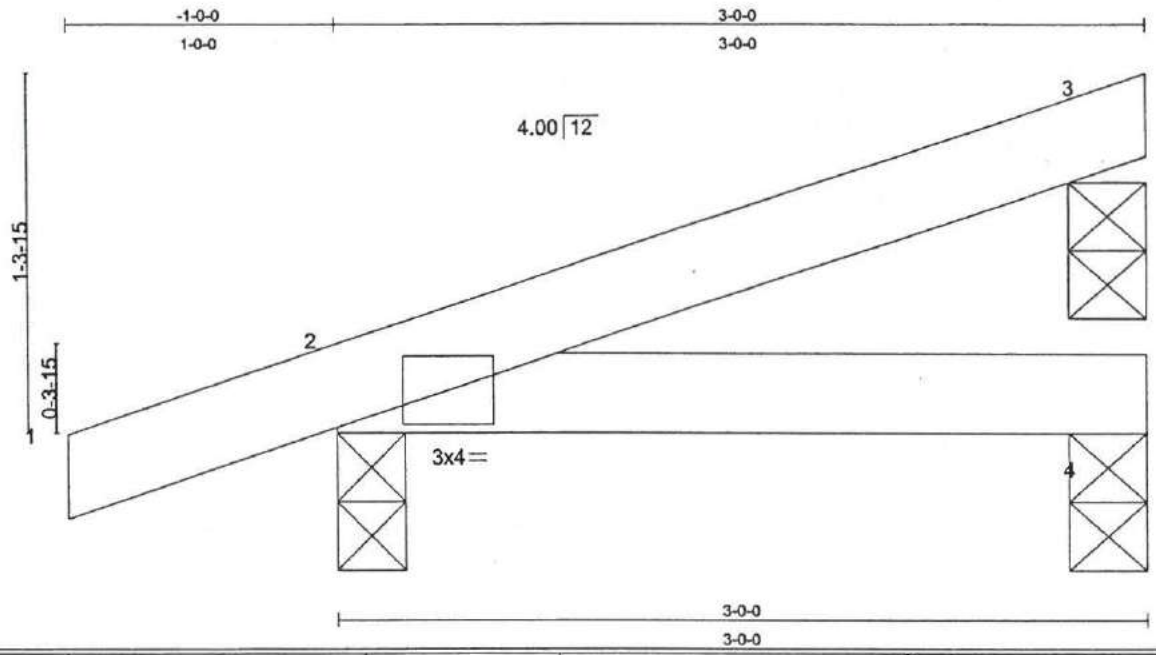
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC3	ROOF TRUSS	28	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:40:54 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.27	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.06	Vert(TL)	0.02	1	>775		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 11 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 3=102/0-3-8, 2=272/0-3-0, 4=27/0-3-8
Max Horz 2=124(load case 3)
Max Uplift3=-103(load case 5), 2=-225(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=26
BOT CHORD 2-4=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 103 lb uplift at joint 3 and 225 lb uplift at joint 2.
4) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

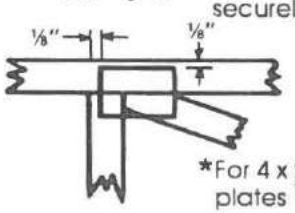
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

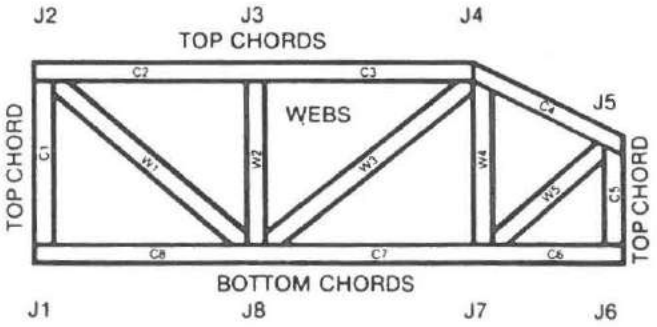
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

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HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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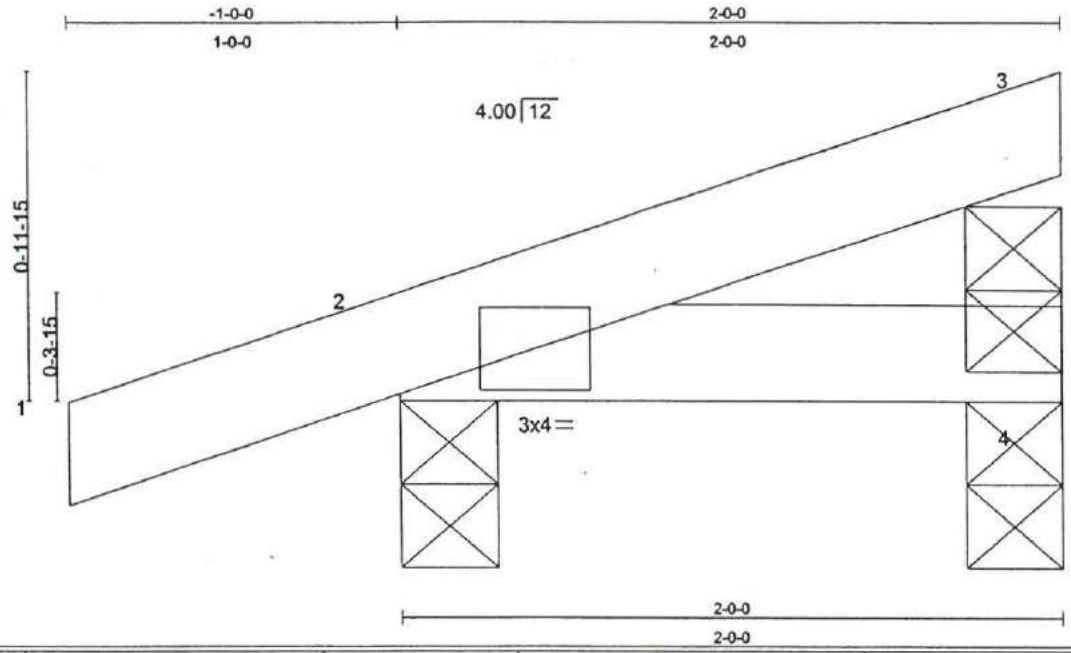
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC21	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:40:52 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.23	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.03	Vert(TL)	0.01	1	>946		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 8 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 3=63/0-3-8, 2=224/0-3-8, 4=19/0-3-8
Max Horz 2=96(load case 3)
Max Uplift3=-64(load case 5), 2=-206(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=-37
BOT CHORD 2-4=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 3 and 206 lb uplift at joint 2.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

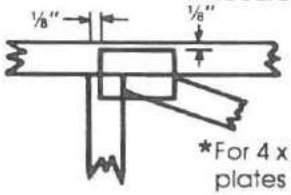
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

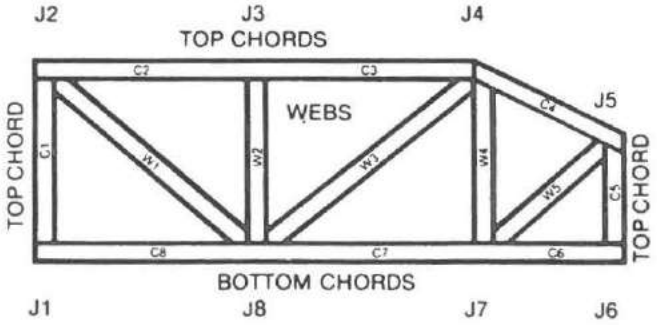
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

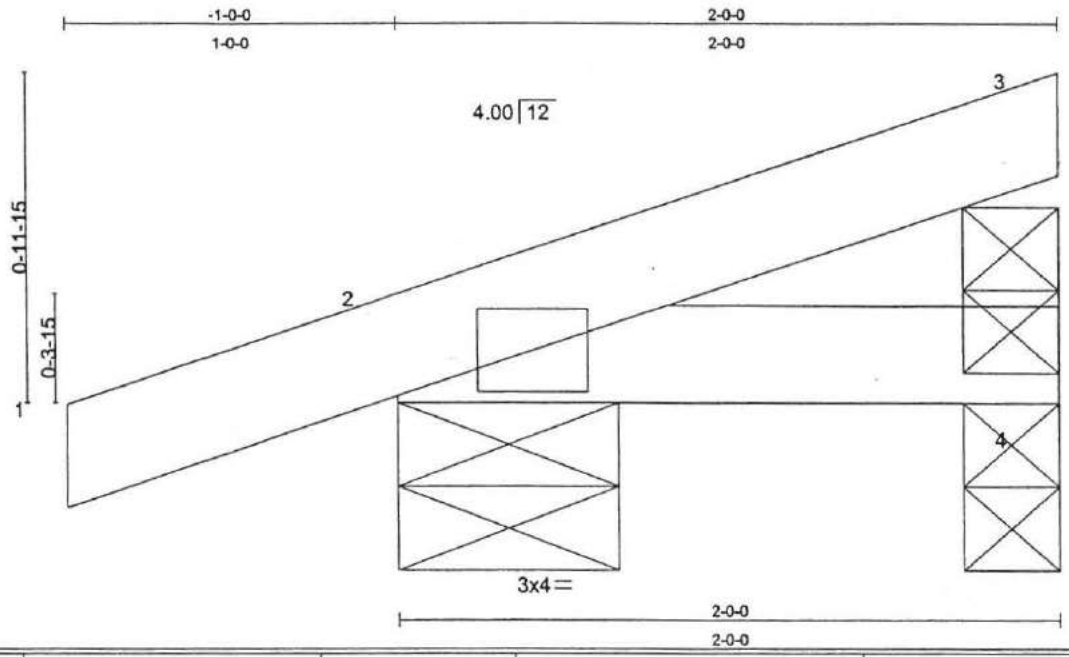
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC2	ROOF TRUSS	3	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:40:50 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.25	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.03	Vert(TL)	0.01	1	>861		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	-0.00	3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 8 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 3=59/0-3-8, 2=228/0-8-0, 4=19/0-3-8
Max Horz 2=96(load case 3)
Max Uplift 3=-61(load case 5), 2=-214(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=-38
BOT CHORD 2-4=0

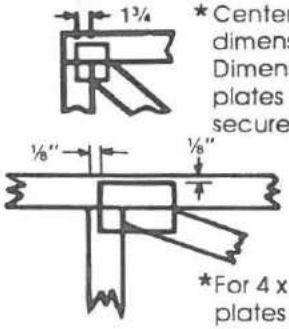
NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 61 lb uplift at joint 3 and 214 lb uplift at joint 2.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

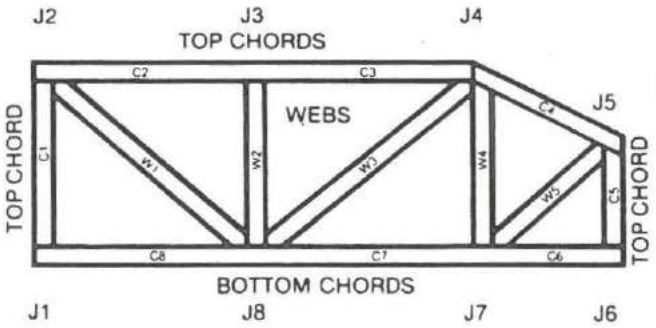
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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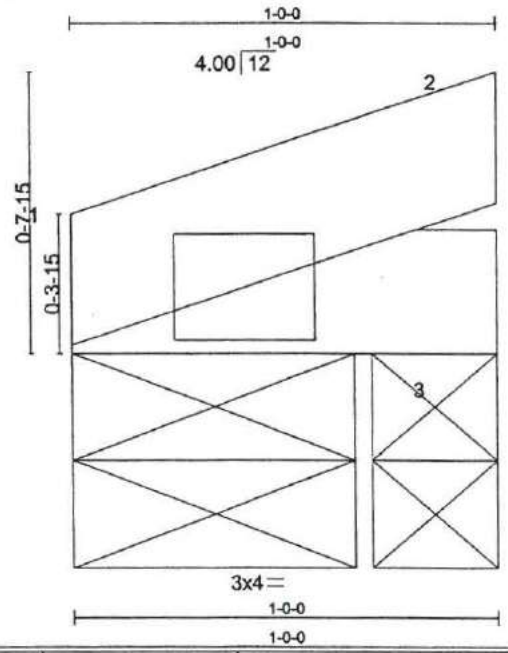
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC11	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:40:48 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.20	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.01	Vert(TL)	0.00	2	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 3 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=95/0-8-0, 3=7/0-3-8
Max Horz 1=55(load case 2)
Max Uplift1=-117(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-30
BOT CHORD 1-3=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 117 lb uplift at joint 1.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

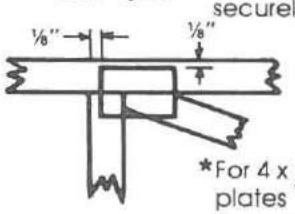
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

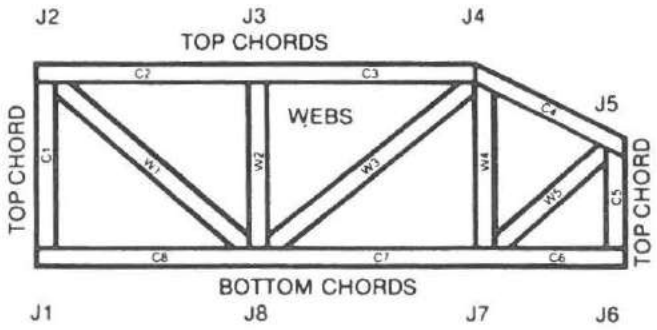
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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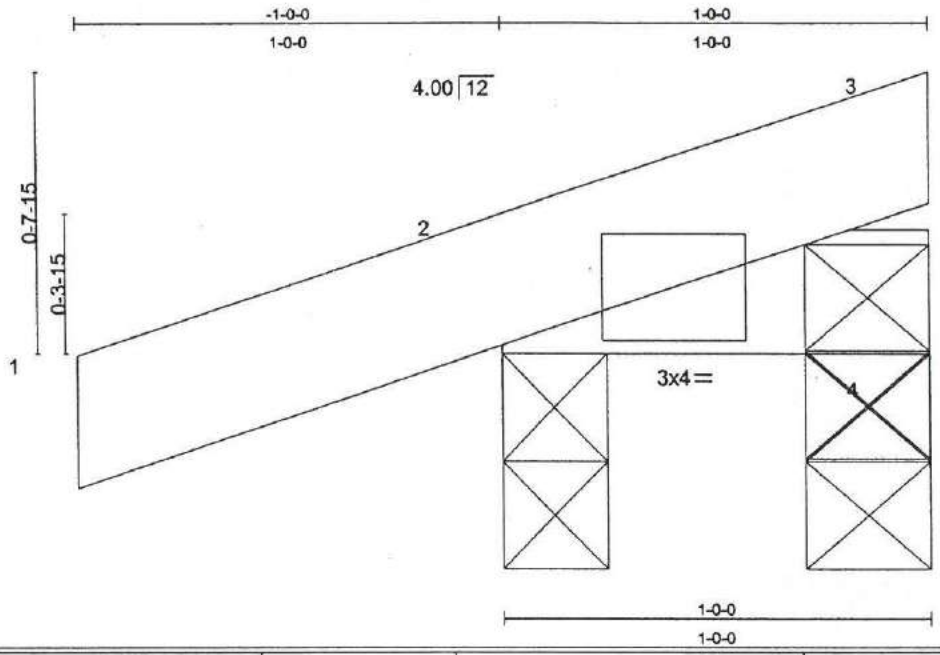
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-J	JC1	ROOF TRUSS	28	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:40:46 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.23	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.01	Vert(TL)	0.01	1	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	3	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 5 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 3=-7/0-3-8, 2=194/0-3-0, 4=9/0-3-8
Max Horz 2=71(load case 2)
Max Uplift3=-7(load case 1), 2=-230(load case 2)
Max Grav3=57(load case 4), 2=194(load case 1), 4=9(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=-32
BOT CHORD 2-4=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 7 lb uplift at joint 3 and 230 lb uplift at joint 2.
4) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

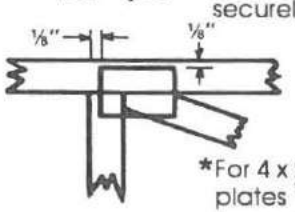
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

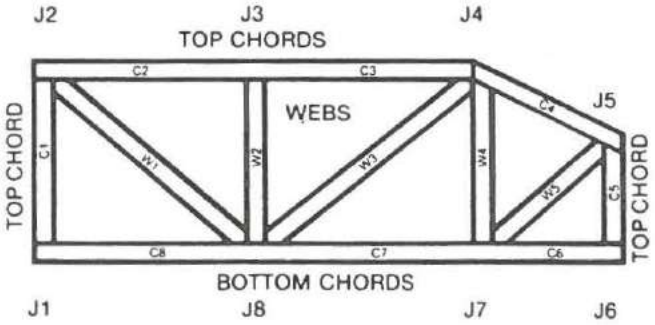
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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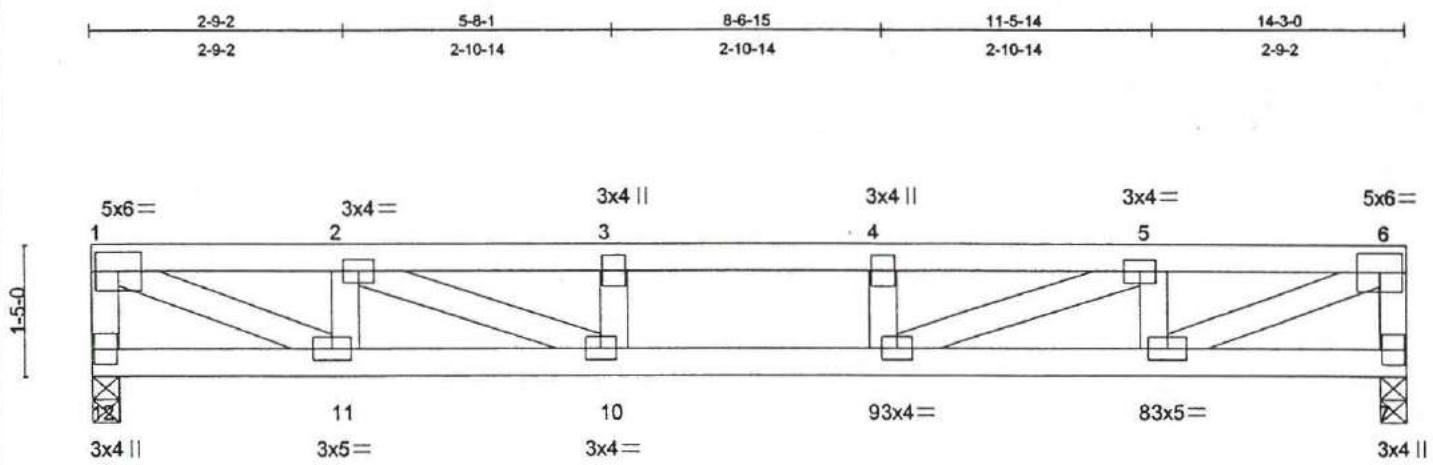
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLP	FLOOR	1	1	



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.35	Vert(LL)	-0.15	9-10	>999	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.73	Vert(TL)	-0.22	9-10	>747		
BCLL	0.0	Rep Stress Incr	YES	WB	0.64	Horz(TL)	0.03	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 65 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-4-5 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 12=837/0-3-8, 7=837/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-12=-780, 1-2=-1590, 2-3=-2491, 3-4=-2491, 4-5=-2491, 5-6=-1590, 6-7=-780
BOT CHORD 11-12=125, 10-11=1590, 9-10=2491, 8-9=1590, 7-8=125
WEBS 1-11=1595, 2-11=-606, 2-10=967, 3-10=-291, 4-9=-291, 5-9=967, 5-8=-606, 6-8=1595

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 both TPI-85 and ANSI/TPI 1-1995 plating criteria.

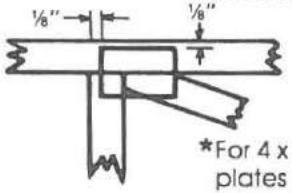
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

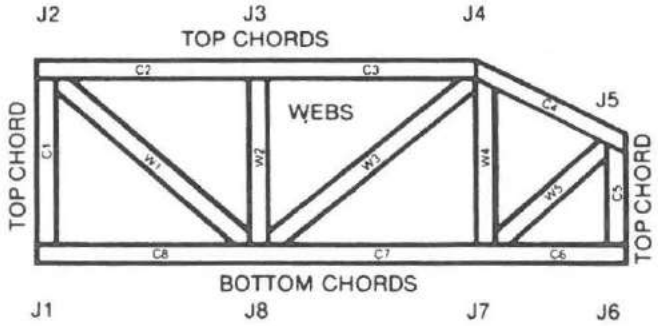
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

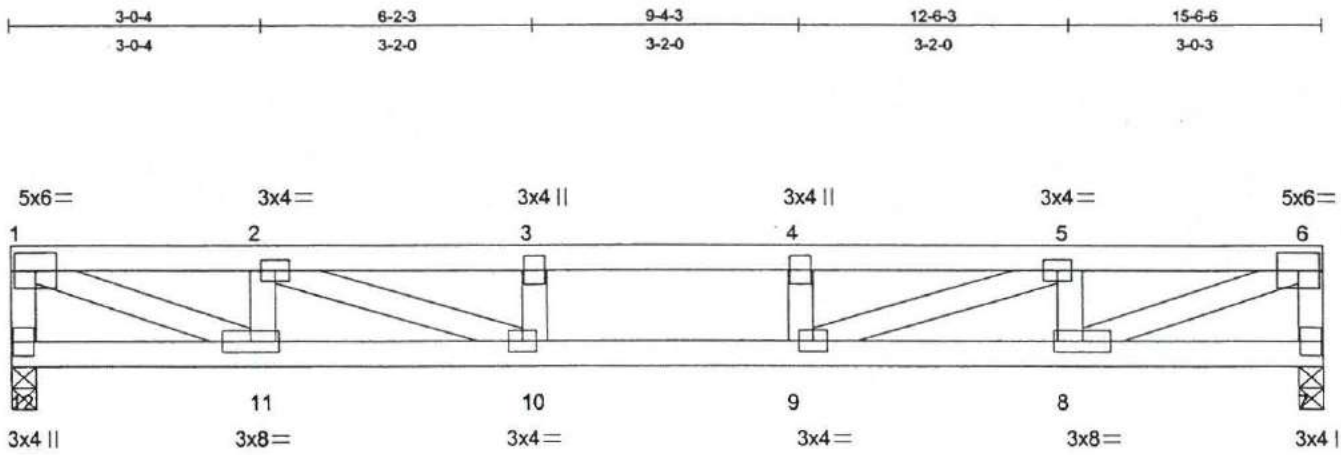
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19 % at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLO	FLOOR	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:57 2001 Page 1



3-0-4 | 6-2-3 | 9-4-3 | 12-6-3 | 15-6-6
3-0-4 | 3-2-0 | 3-2-0 | 3-2-0 | 3-0-3

Plate Offsets (X,Y): [4:0-0-0,0-0-0], [5:0-0-0,0-0-0], [8:0-0-0,0-0-0], [9:0-0-0,0-0-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.43	Vert(LL)	-0.21	9-10	>872	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.87	Vert(TL)	-0.32	9-10	>579		
BCLL	0.0	Rep Stress Incr	YES	WB	0.76	Horz(TL)	0.04	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 71 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-11-13 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 12=914/0-3-8, 7=914/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-12=-852, 1-2=-1903, 2-3=-2970, 3-4=-2970, 4-5=-2970, 5-6=-1902, 6-7=-852
BOT CHORD 11-12=149, 10-11=1903, 9-10=2970, 8-9=1902, 7-8=149
WEBS 1-11=1884, 2-11=-660, 2-10=1133, 3-10=-316, 4-9=-317, 5-9=1134, 5-8=-660, 6-8=1883

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 both TPI-85 and ANSI/TPI 1-1995 plating criteria.

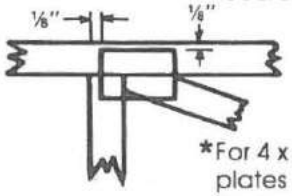
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

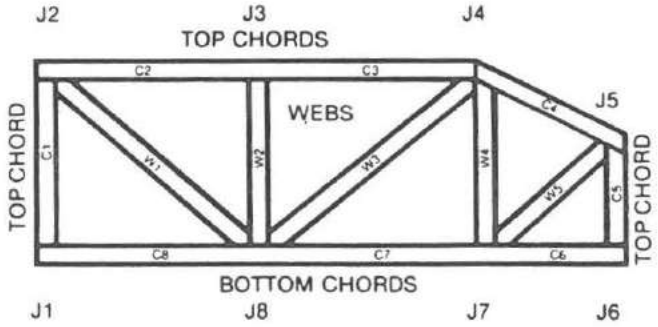
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLN	FLOOR	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:55 2001 Page 1

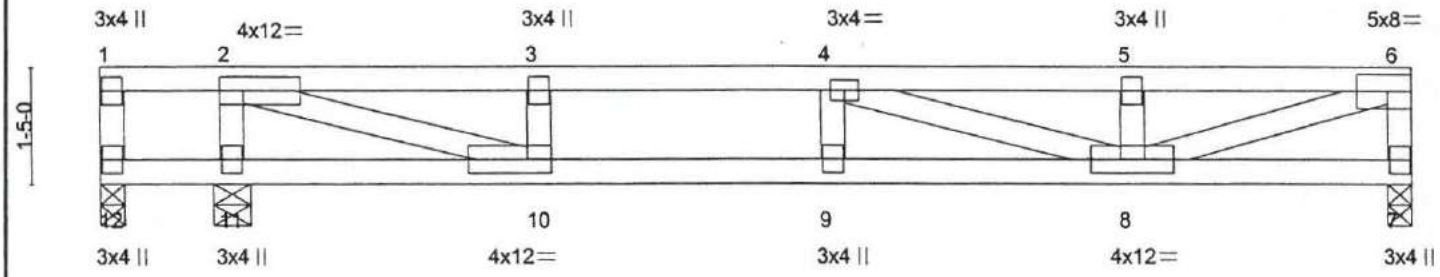


Plate Offsets (X,Y): [2:0-3-8,0-2-0], [10:0-3-8,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.68	Vert(LL)	-0.26	8-9	>651	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.97	Vert(TL)	-0.39	8-9	>433		
BCLL	0.0	Rep Stress Incr	YES	WB	1.00	Horz(TL)	0.02	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 70 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-2-4 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 12=-124/0-3-8, 7=831/0-3-8, 11=1176/0-5-8
Max Uplift12=-188(load case 3)
Max Grav12=22(load case 2), 7=831(load case 1), 11=1176(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-12=52, 1-2=130, 2-3=-2246, 3-4=-2246, 4-5=-1953, 5-6=-1953, 6-7=-781
BOT CHORD 11-12=-130, 10-11=-130, 9-10=2246, 8-9=2246, 7-8=147
WEBS 2-11=-1068, 2-10=2482, 3-10=-497, 4-9=-112, 4-8=-306, 5-8=-402, 6-8=1908

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 188 lb uplift at joint 12.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

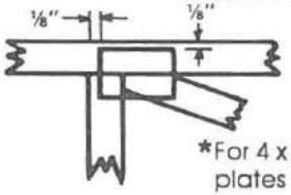
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

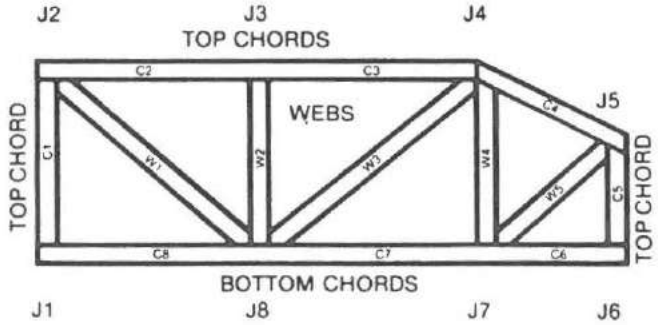
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLM	FLOOR	8	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:51 2001 Page 1

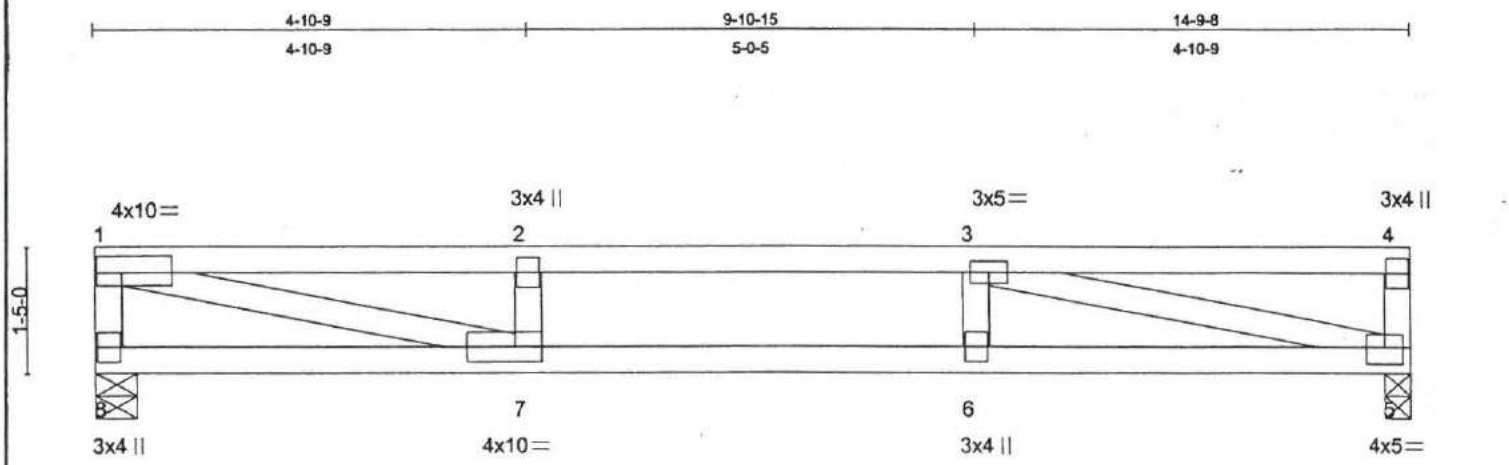


Plate Offsets (X,Y): [1:0-3-4,0-2-4], [5:0-2-8,0-2-4], [7:0-3-8,0-2-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.90	Vert(LL)	-0.23	6-7	>741	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.84	Vert(TL)	-0.33	6-7	>529		
BCLL	0.0	Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.05	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 480				Weight: 62 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-2-9 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 8=820/0-5-8, 5=820/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-8=-745, 1-2=-2338, 2-3=-2338, 3-4=-288, 4-5=-258
BOT CHORD 7-8=289, 6-7=2338, 5-6=2338
WEBS 1-7=2106, 2-7=-416, 3-6=70, 3-5=-2107

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 with ANSI/TPI 1-1995 criteria.

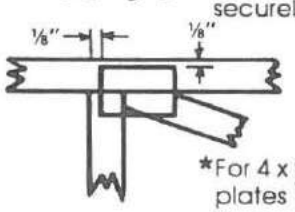
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

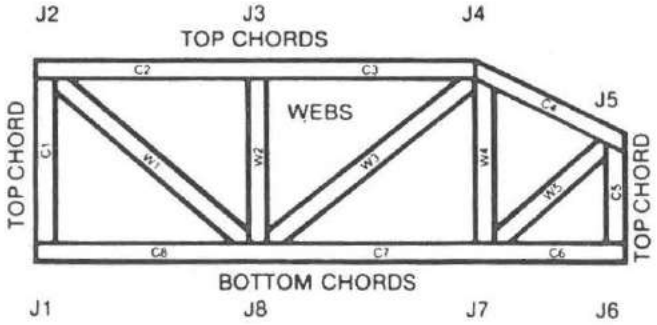
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



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WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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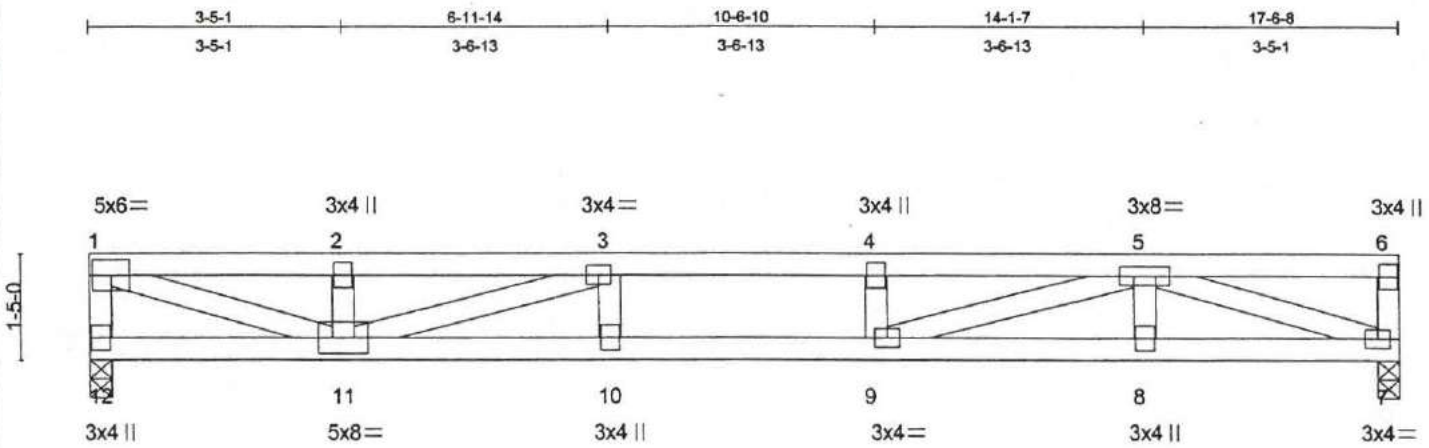
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLJ	ROOF TRUSS	6	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:49 2001 Page 1



3-5-1 6-11-14 10-6-10 14-1-7 17-6-8
3-5-1 3-6-13 3-6-13 3-6-13 3-5-1

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.53	Vert(LL) 0.35 9-10 >585	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.77	Vert(TL) -0.41 9-10 >508	
BCLL 0.0	Rep Stress Incr YES	WB 0.66	Horz(TL) 0.07 7 n/a	
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	Weight: 79 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-9-11 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-10-9 on center bracing.

REACTIONS (lb/size) 12=949/0-3-8, 7=949/0-3-8
Max Uplift12=-570(load case 2), 7=-570(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-12=-881, 1-2=-2246, 2-3=-2246, 3-4=-3491, 4-5=-3491, 5-6=-173, 6-7=-169
BOT CHORD 11-12=175, 10-11=3491, 9-10=3491, 8-9=2248, 7-8=2248
WEBS 1-11=2189, 2-11=-285, 3-11=-1305, 3-10=71, 4-9=-320, 5-9=1303, 5-8=34, 5-7=-2194

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 570 lb uplift at joint 12 and 570 lb uplift at joint 7.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

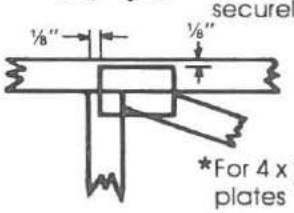
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

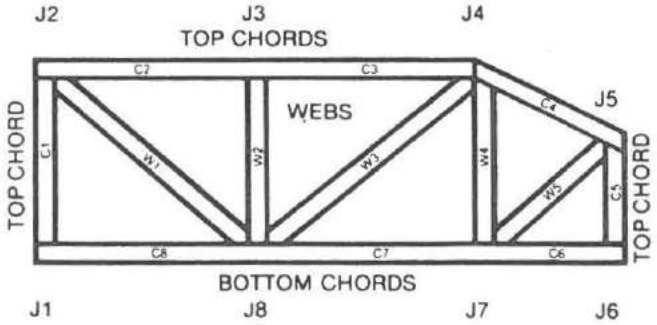
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLI	FLOOR	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:46 2001 Page 1

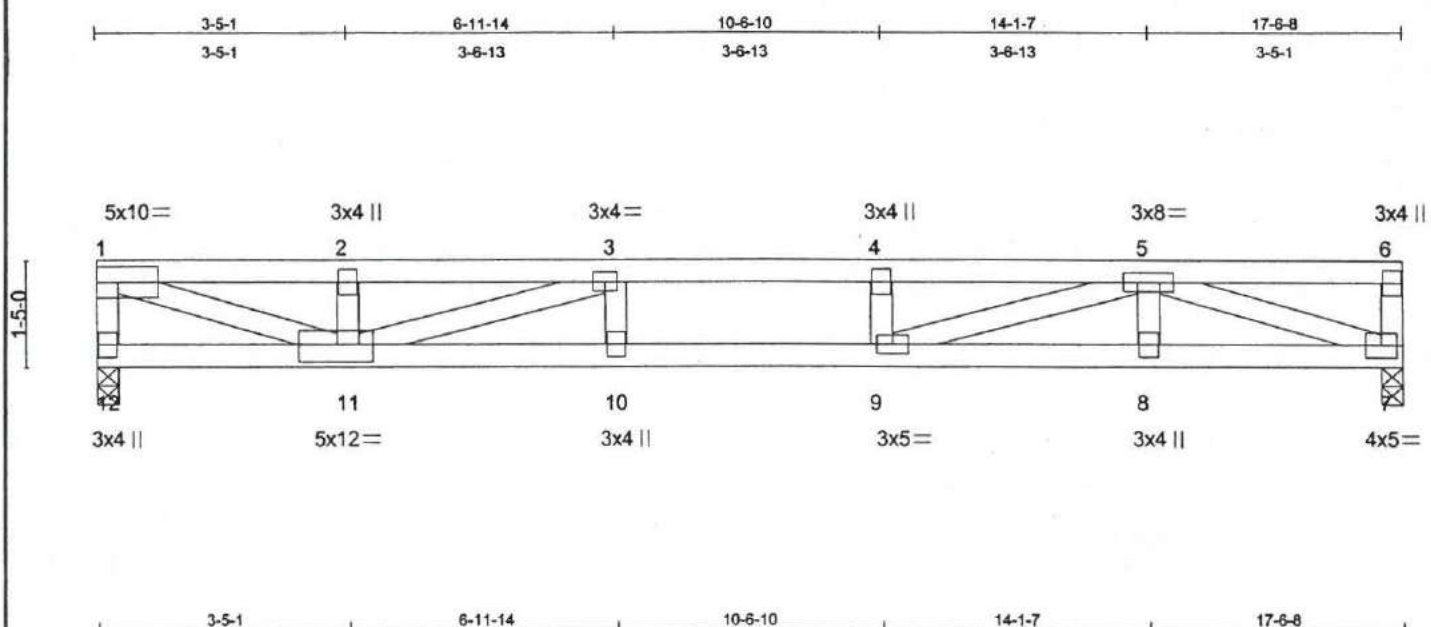


Plate Offsets (X,Y): [11:0-5-12,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.56	Vert(LL)	-0.31	9-10	>660	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.99	Vert(TL)	-0.47	9-10	>438		
BCLL	0.0	Rep Stress Incr	YES	WB	0.95	Horz(TL)	0.07	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 79 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-5-11 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 12=1035/0-3-8, 7=1035/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-12=-957, 1-2=-2439, 2-3=-2439, 3-4=-3806, 4-5=-3806, 5-6=-192, 6-7=-184
BOT CHORD 11-12=202, 10-11=3806, 9-10=3806, 8-9=2457, 7-8=2457
WEBS 1-11=2364, 2-11=-315, 3-11=-1433, 3-10=72, 4-9=-355, 5-9=1414, 5-8=30, 5-7=-2395

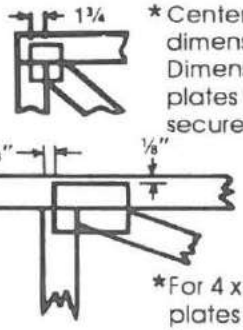
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

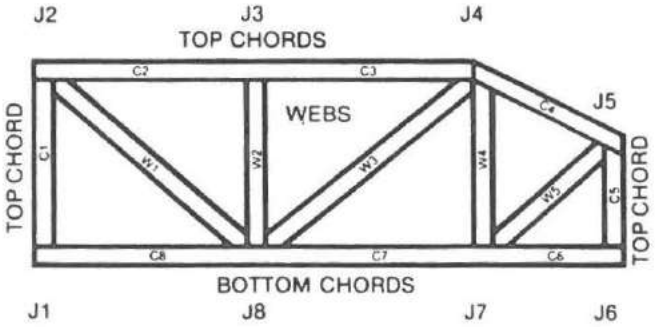
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

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PANEL CLIP™

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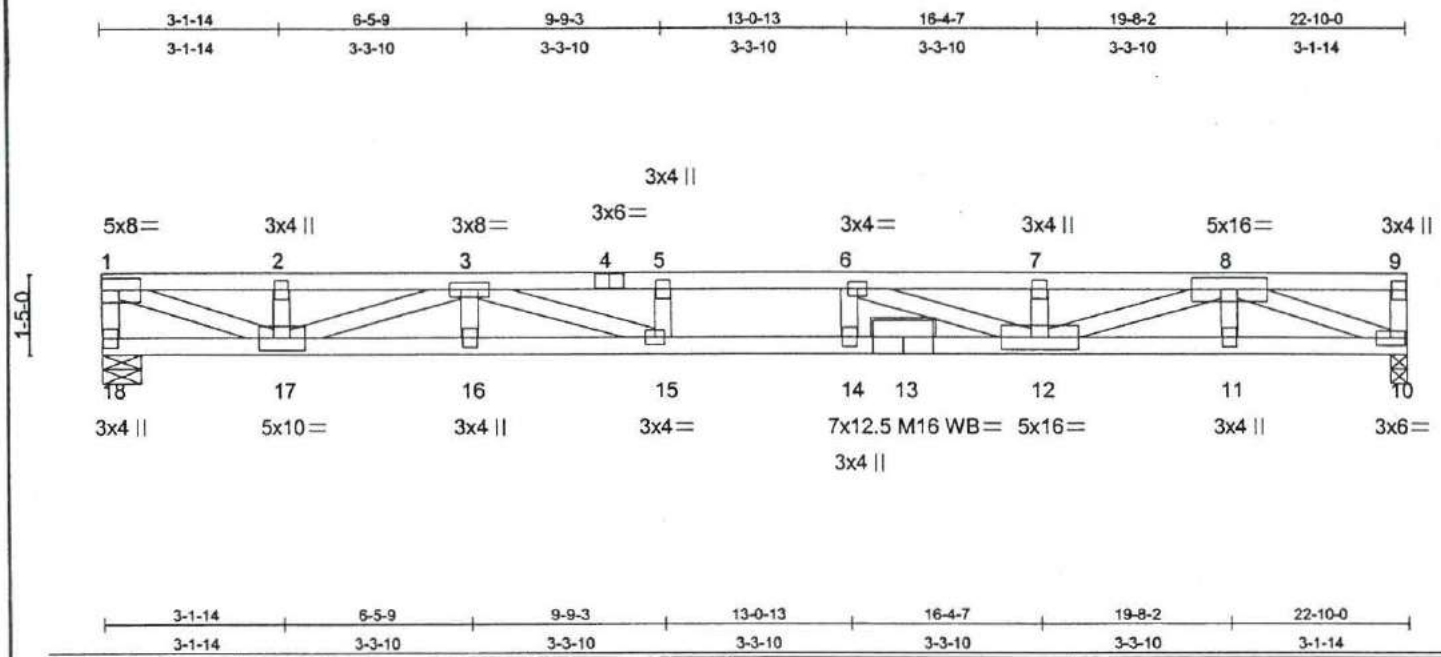
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLG	FLOOR	3	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:43 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.81	Vert(LL)	-0.73	14-15	>371	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.91	Vert(TL)	-1.10	14-15	>247	M16	174/126
BCLL	0.0	Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.15	10	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 105 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3 *Except*
1-17 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 1-8-0 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 18=1352/0-8-0, 10=1352/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-18=-1265, 1-2=-3106, 2-3=-3106, 3-4=-6555, 4-5=-6555, 5-6=-6555, 6-7=-5417, 7-8=-5417, 8-9=-219, 9-10=-187
BOT CHORD 17-18=228, 16-17=5431, 15-16=5431, 14-15=6555, 13-14=6555, 12-13=6555, 11-12=3119, 10-11=3119
WEBS 1-17=3072, 2-17=-277, 3-17=-2456, 3-16=72, 3-15=1188, 5-15=-323, 6-14=60, 6-12=-1202, 7-12=-329, 8-12=2428, 8-11=15, 8-10=-3095

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 both TPI-85 and ANSI/TPI 1-1995 plating criteria.

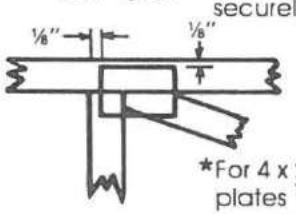
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

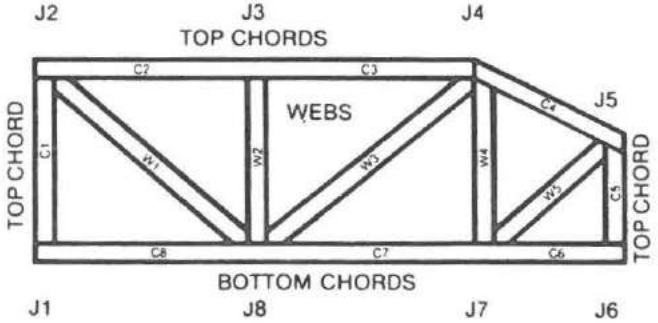
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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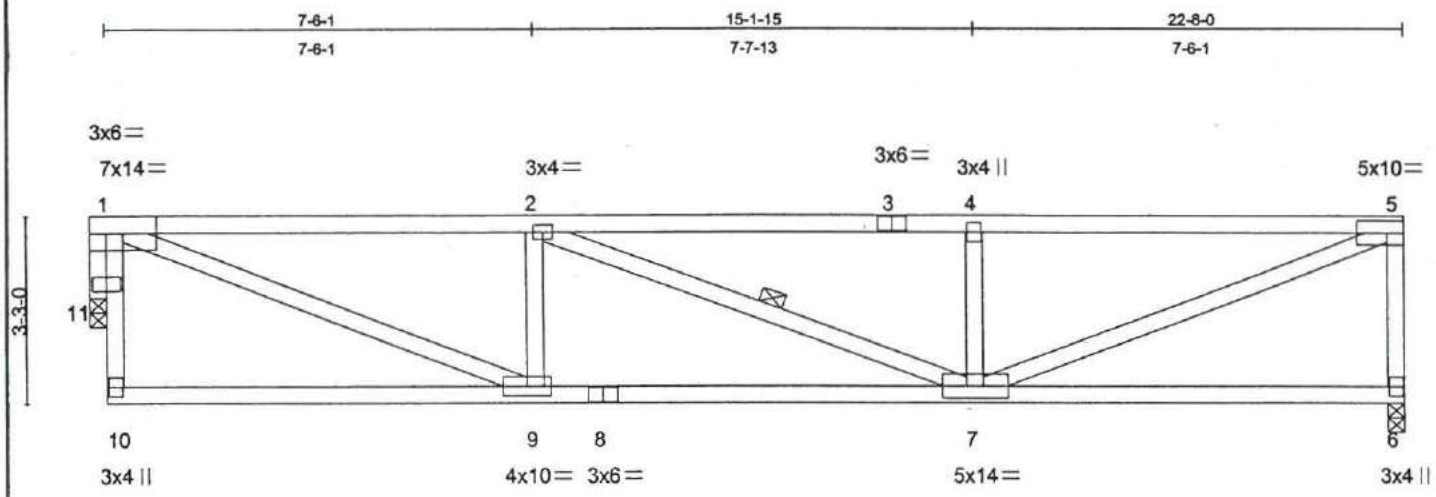
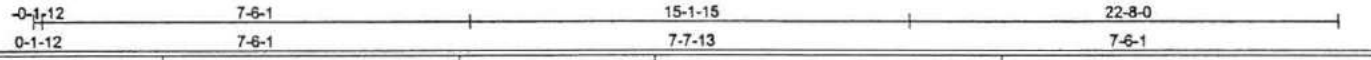
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLF	FLOOR	3	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:40 2001 Page 1





LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	1.00	Vert(LL)	-0.22	7-9	>999	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.81	Vert(TL)	-0.36	7-9	>745		
BCLL	0.0	Rep Stress Incr	YES	WB	0.99	Horz(TL)	0.02	1	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 480				Weight: 119 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS "Except"
1-3 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 "Except"
5-6 2 X 4 SYP No.2ND
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.
WEBS 1 Row at midpt 2-7

REACTIONS (lb/size) 1=1348/0-3-8, 6=1351/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 10-11=83, 1-11=104, 1-2=-2465, 2-3=-2447, 3-4=-2447, 4-5=-2447, 5-6=-1268
BOT CHORD 9-10=187, 8-9=2465, 7-8=2465, 6-7=157
WEBS 1-9=2449, 2-9=-758, 2-7=-19, 4-7=-773, 5-7=2468

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) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
5) Bearing at joint(s) 1 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 for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

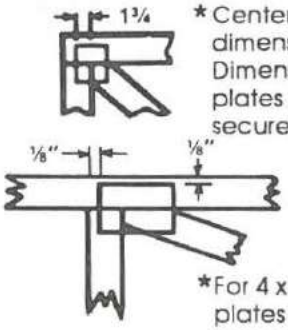
SEP 0 4 2001

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

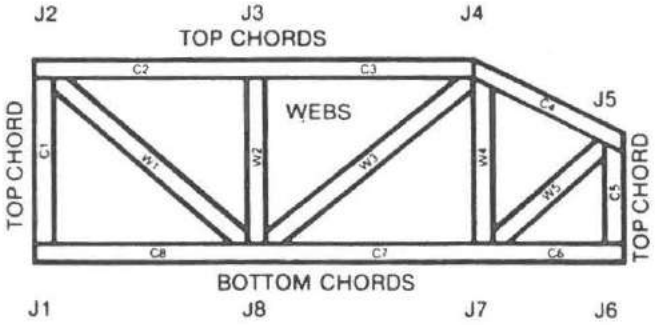
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

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2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLE	FLOOR	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:38 2001 Page 1

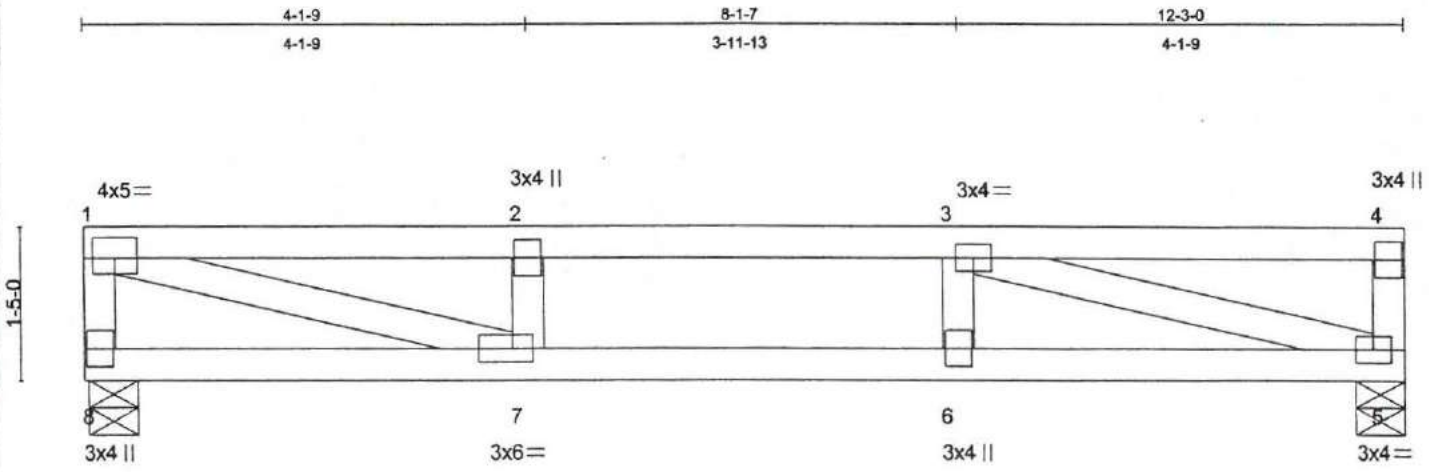


Plate Offsets (X,Y): [1:0-2-8,0-2-4], [7:0-2-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.63	Vert(LL)	-0.11	6-7	>999	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.63	Vert(TL)	-0.17	6-7	>845		
BCLL	0.0	Rep Stress Incr	YES	WB	0.64	Horz(TL)	0.03	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 480				Weight: 53 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-11-2 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 8=717/0-5-8, 5=717/0-5-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-8=-652, 1-2=-1752, 2-3=-1752, 3-4=-205, 4-5=-215
BOT CHORD 7-8=207, 6-7=1752, 5-6=1752
WEBS 1-7=1606, 2-7=-383, 3-6=53, 3-5=-1608

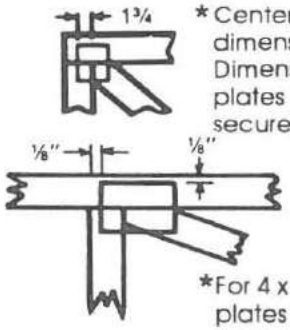
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

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PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

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FORM018.019

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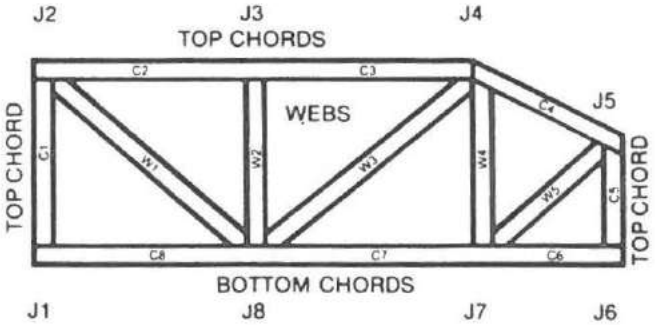

JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLC	FLOOR	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:35 2001 Page 1

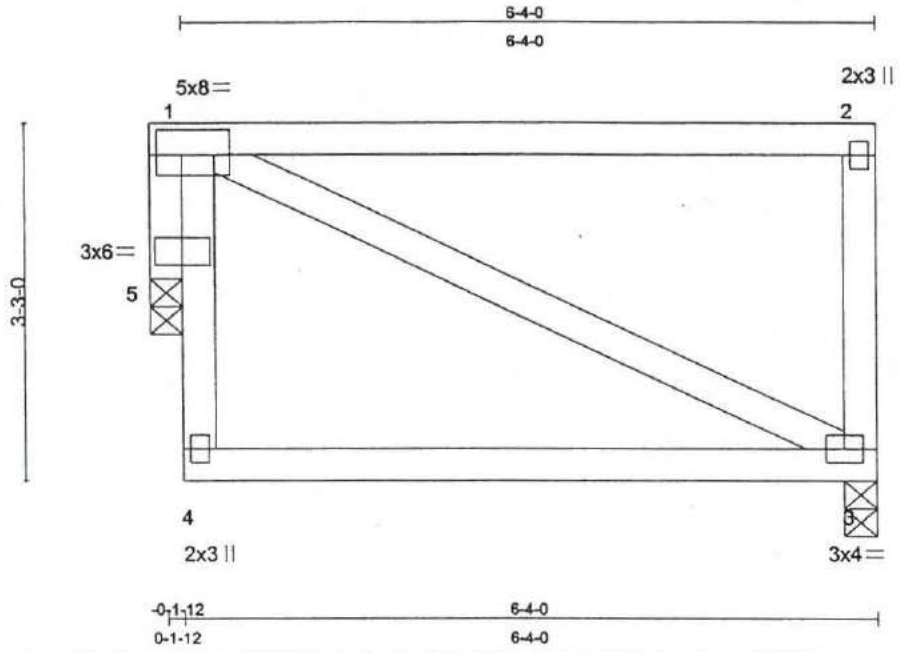


Plate Offsets (X,Y): [1:0-1-12,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.96	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.23	Vert(TL)	-0.09	3-4	>806		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00	1	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 480				Weight: 38 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 5-7-8 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 1=368/0-3-8, 3=371/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 4-5=60, 1-5=60, 1-2=0, 2-3=-309
BOT CHORD 3-4=3
WEBS 1-3=-3

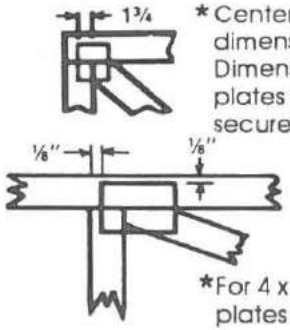
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
5) Bearing at joint(s) 1 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 for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

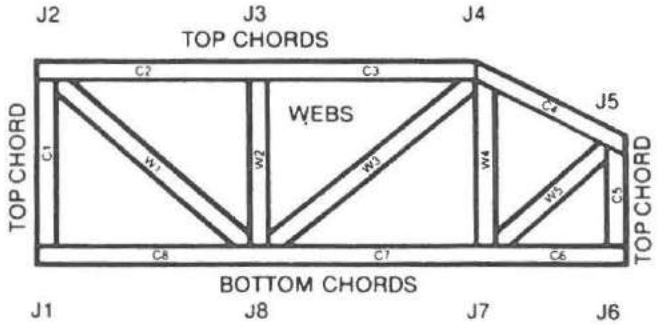
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLB	FLOOR	4	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:33 2001 Page 1

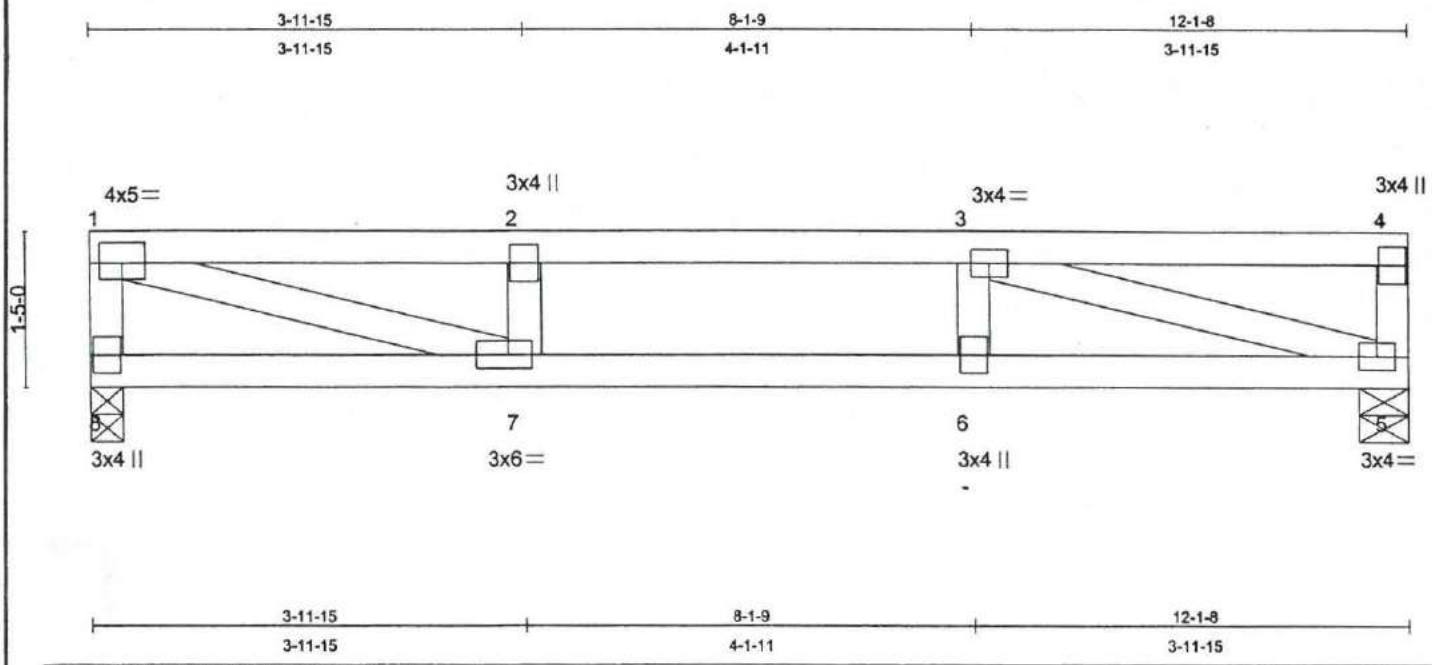


Plate Offsets (X,Y): [1:0-2-8,0-2-4], [7:0-2-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.57	Vert(LL)	-0.11	6-7	>999	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.61	Vert(TL)	-0.16	6-7	>874		
BCLL	0.0	Rep Stress Incr	YES	WB	0.63	Horz(TL)	0.03	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 480				Weight: 52 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-11-5 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 8=710/0-3-8, 5=710/0-5-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-8=-647, 1-2=-1704, 2-3=-1704, 3-4=-188, 4-5=-203
BOT CHORD 7-8=190, 6-7=1704, 5-6=1704
WEBS 1-7=1578, 2-7=-388, 3-6=55, 3-5=-1580

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 with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

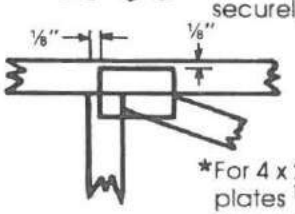
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

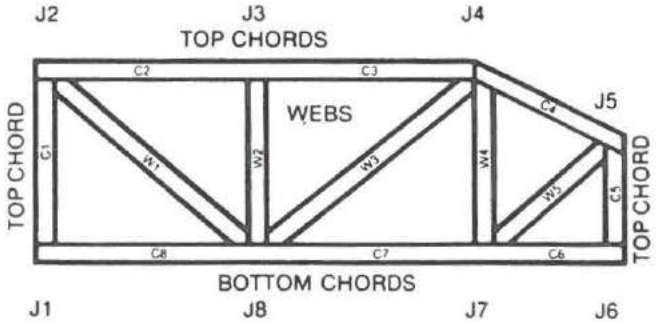
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FLA	FLOOR	3	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:31 2001 Page 1

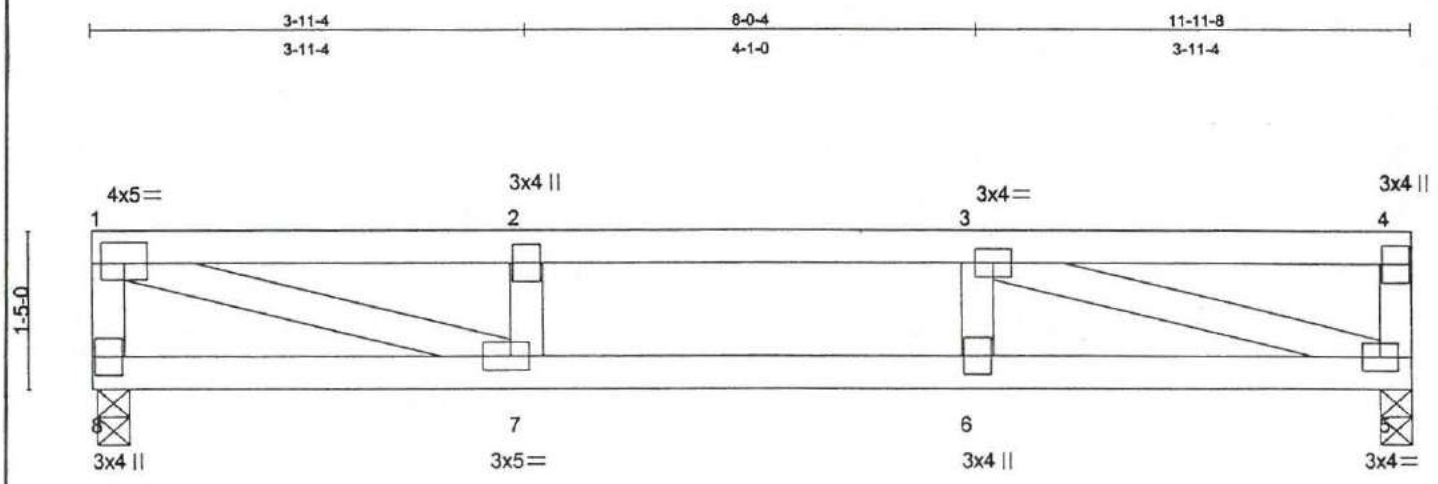


Plate Offsets (X,Y): [1:0-2-8,0-2-4], [7:0-2-0,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 40.0	Plates Increase 1.00	TC 0.55	Vert(LL) -0.10 6-7 >999	M20 249/190
TCDL 10.0	Lumber Increase 1.00	BC 0.59	Vert(TL) -0.15 6-7 >911	
BCLL 0.0	Rep Stress Incr YES	WB 0.62	Horz(TL) 0.03 5 n/a	
BCDL 10.0	Code SBC/ANSI95	(Matrix)	1st LC LL Min l/defl = 480	Weight: 51 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-0-4 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 8=700/0-3-8, 5=700/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-8=-638, 1-2=-1656, 2-3=-1656, 3-4=-183, 4-5=-200
BOT CHORD 7-8=184, 6-7=1656, 5-6=1656
WEBS 1-7=1536, 2-7=-383, 3-6=54, 3-5=-1537

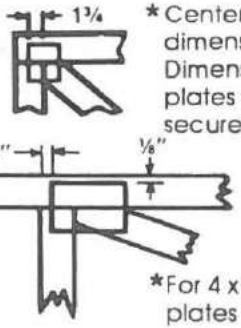
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

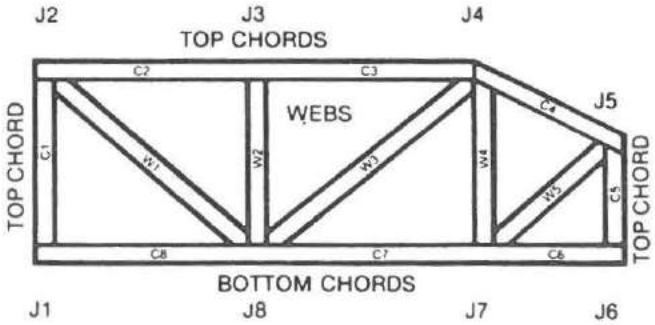
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

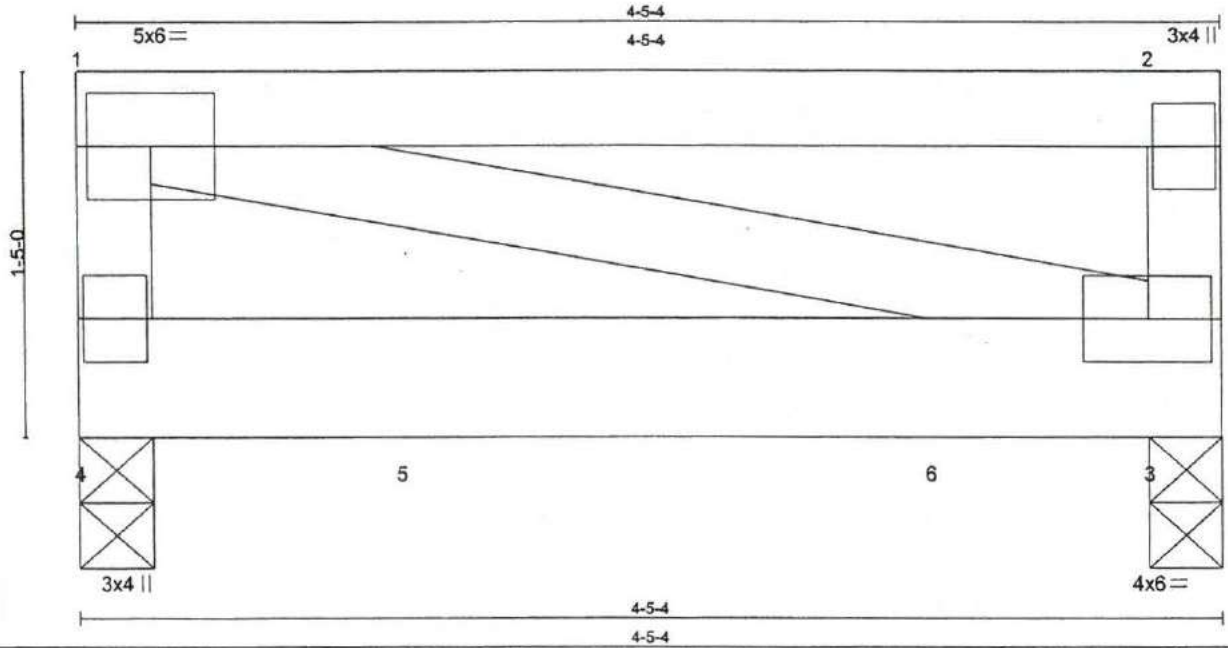
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGU	FLOOR	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:29 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.62	Vert(LL)	-0.04	3-4	>999	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.99	Vert(TL)	-0.06	3-4	>808		
BCLL	0.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 25 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 1-6-0 on center bracing.

REACTIONS (lb/size) 4=843/0-3-8, 3=405/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-4=-207, 1-2=0, 2-3=-207
BOT CHORD 4-5=0, 5-6=0, 3-6=0
WEBS 1-3=-0

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 both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-100.0, 4-5=-20.0, 5-6=-20.0, 3-6=-20.0
Concentrated Loads (lb)
Vert: 5=-894 6=144

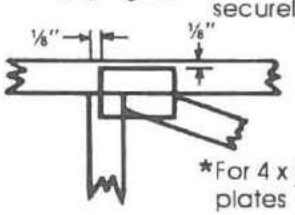
ENG - CHAI TAN CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

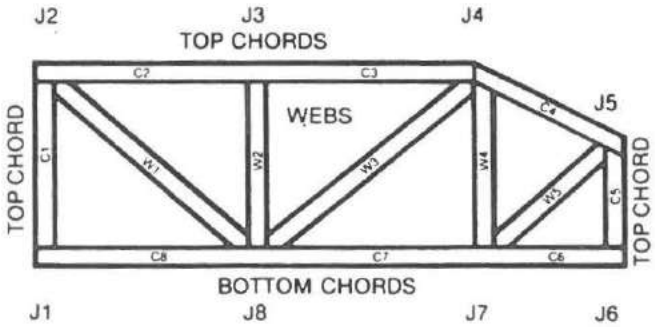
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGT	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:26 2001 Page 1

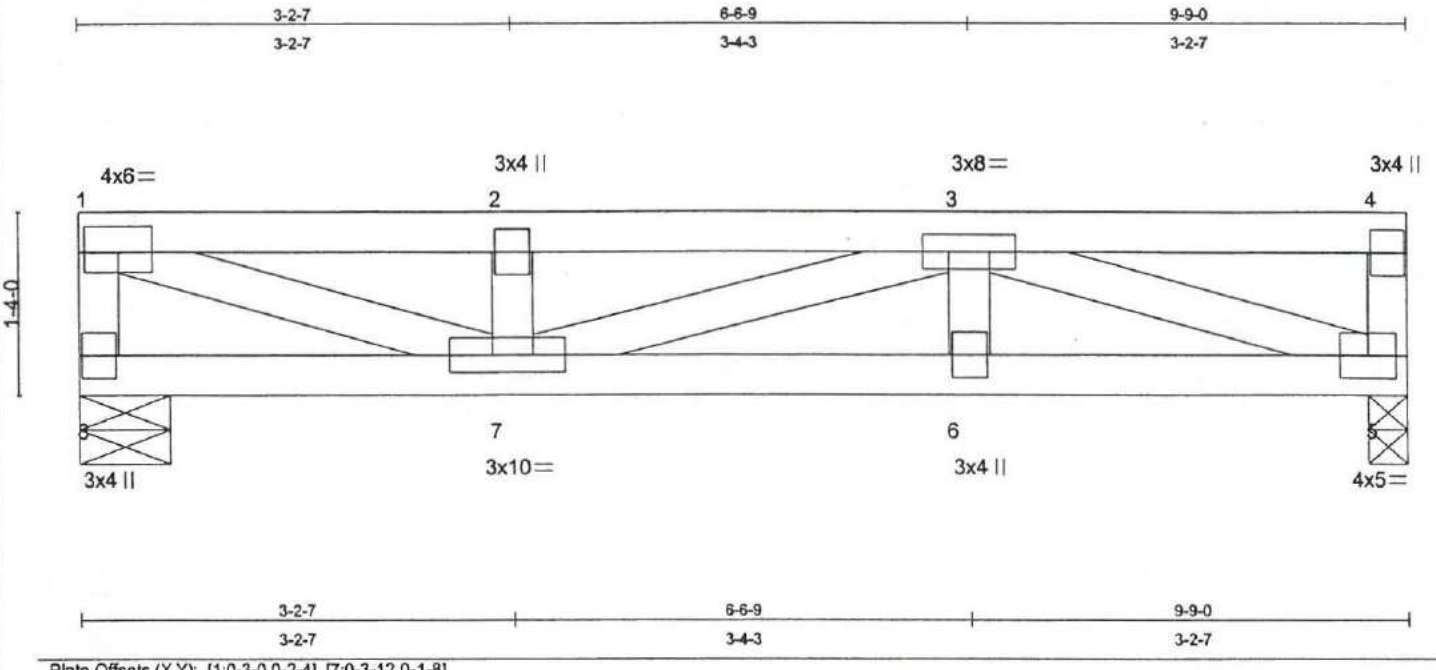


Plate Offsets (X,Y): [1:0-3-0,0-2-4], [7:0-3-12,0-1-8]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.74	Vert(LL)	-0.09 6-7	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.66	Vert(TL)	-0.14 6-7	>808		
BCLL	0.0	Rep Stress Incr	NO	WB	0.69	Horz(TL)	0.03 5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360			Weight: 93 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-9-9 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 8=2412/0-8-0, 5=3912/0-3-8
Max Uplift8=-313(load case 2), 5=-1215(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-8=-2272, 1-2=-4942, 2-3=-4942, 3-4=-566, 4-5=-2278
BOT CHORD 7-8=583, 6-7=4958, 5-6=4958
WEBS 1-7=4605, 2-7=-1528, 3-7=-17, 3-6=-41, 3-5=-4640

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) Special connection required to distribute top chord loads equally between all plies.
3) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
4) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) Provide adequate drainage to prevent water ponding.
6) All plates are M20 plates unless otherwise indicated.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 313 lb uplift at joint 8 and 1215 lb uplift at joint 5.
8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-490.0, 2-3=-490.0, 3-4=-490.0, 7-8=-20.0, 6-7=-20.0, 5-6=-20.0
Concentrated Loads (lb)
Vert: 4=-1500

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

SEP 04 2001

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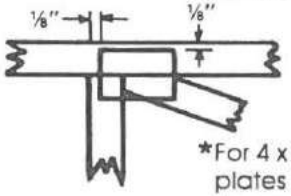
Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

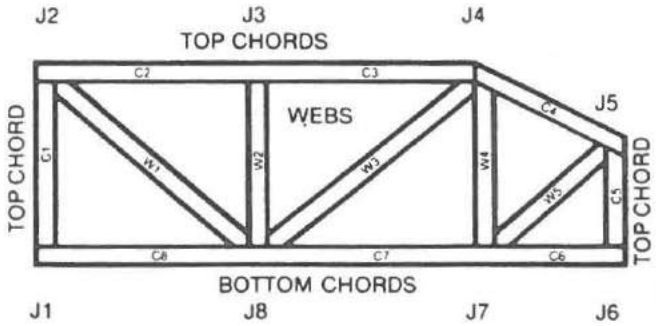
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGR	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:24 2001 Page 1

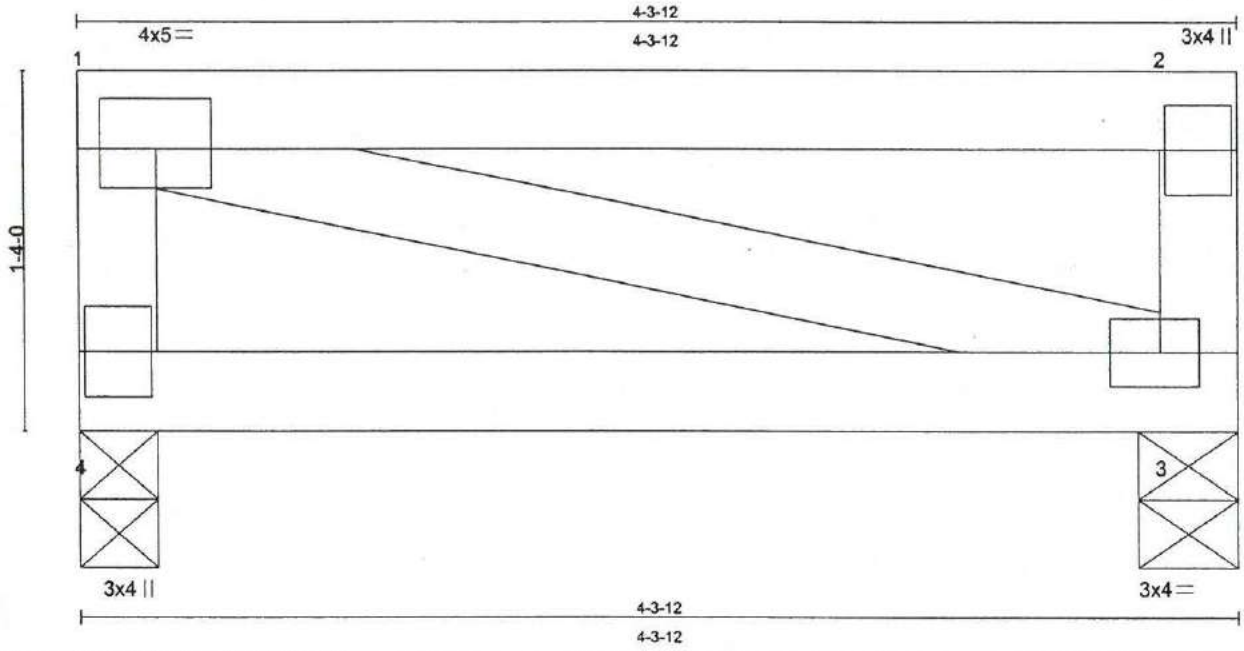


Plate Offsets (X,Y): [1:0-2-8,0-2-4], [3:0-1-12,0-1-8]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.86	Vert(LL)	n/a -	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.04	Vert(TL)	-0.01 3-4	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00 3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360			Weight: 41 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=824/0-3-8, 3=824/0-4-8
Max Uplift4=-133(load case 2), 3=-133(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-4=-784, 1-2=0, 2-3=-784
BOT CHORD 3-4=0
WEBS 1-3=-0

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 133 lb uplift at joint 4 and 133 lb uplift at joint 3.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

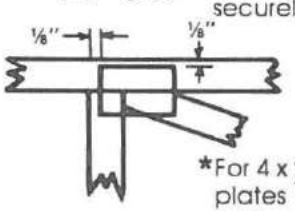
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-390.0, 3-4=-20.0

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

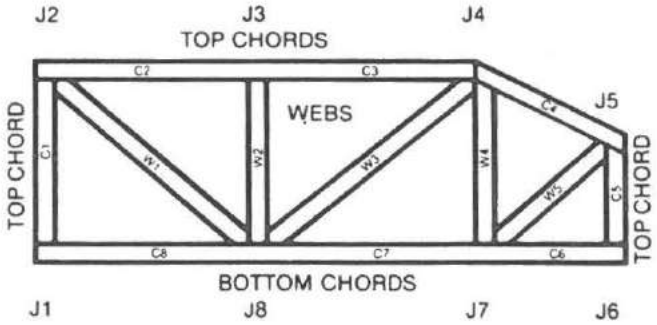
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGQ	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:21 2001 Page 1

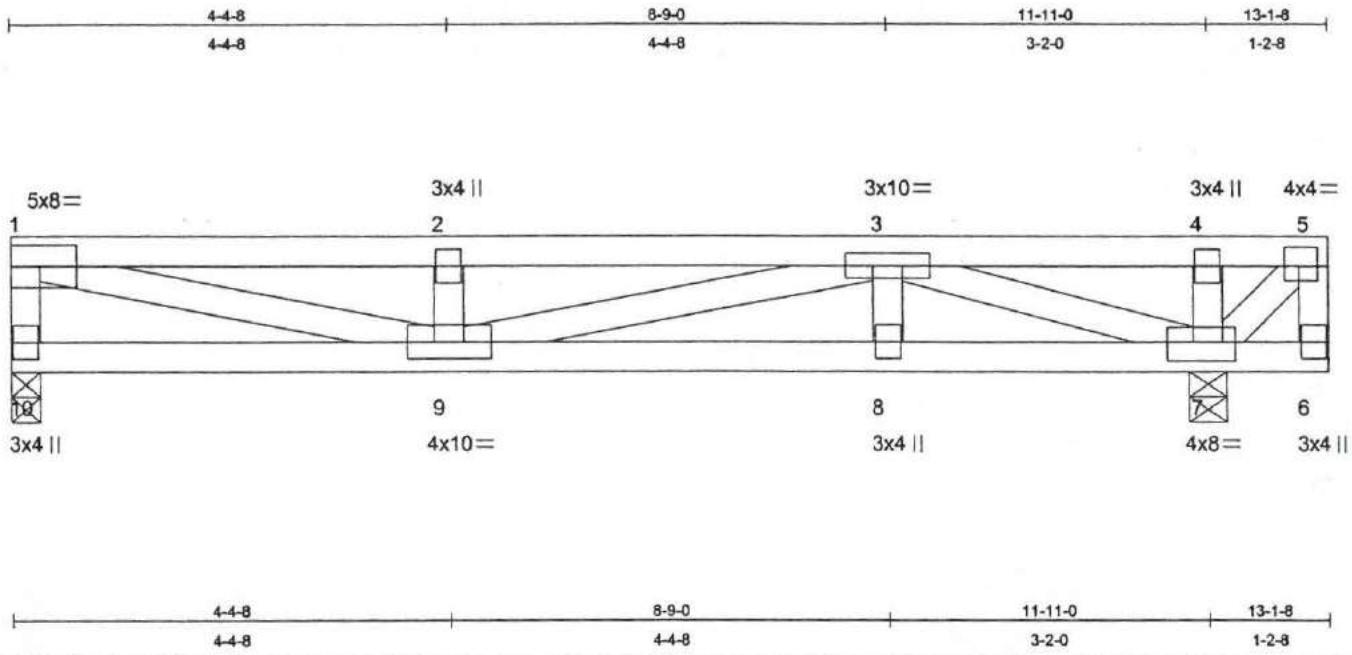


Plate Offsets (X,Y): [5:0-1-12,0-2-4], [7:0-1-8,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.98	Vert(LL)	-0.20	8-9	>711	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.85	Vert(TL)	-0.31	8-9	>452		
BCLL	0.0	Rep Stress Incr	NO	WB	0.63	Horz(TL)	0.04	7	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 126 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
1-10 2 X 4 SYP No.2ND, 1-9 2 X 4 SYP No.2ND

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

REACTIONS (lb/size) 10=2900/0-3-8, 7=4498/0-4-8
Max Uplift10=-386(load case 4), 7=-463(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-10=-2723, 1-2=-7693, 2-3=-7693, 3-4=538, 4-5=538, 5-6=583
BOT CHORD 9-10=1063, 8-9=6221, 7-8=6221, 6-7=-169
WEBS 1-9=6827, 2-9=-2065, 3-9=1513, 3-8=8, 3-7=-7115, 4-7=-1488, 5-7=-518

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-7-0 on center. Bottom chords connected with 1 row(s) at 0-8-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 386 lb uplift at joint 10 and 463 lb uplift at joint 7.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-490.0, 2-3=-490.0, 3-4=-490.0, 4-5=-490.0, 9-10=-20.0, 8-9=-20.0, 7-8=-20.0, 6-7=-20.0
Concentrated Loads (lb)
Vert: 6=-853

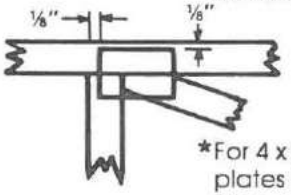
CHAI TAN - ENG - CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

SEP 04 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

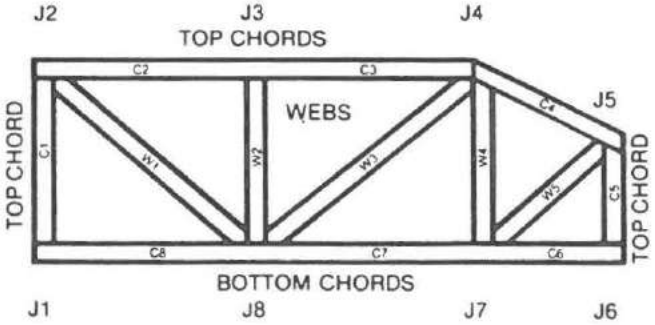
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

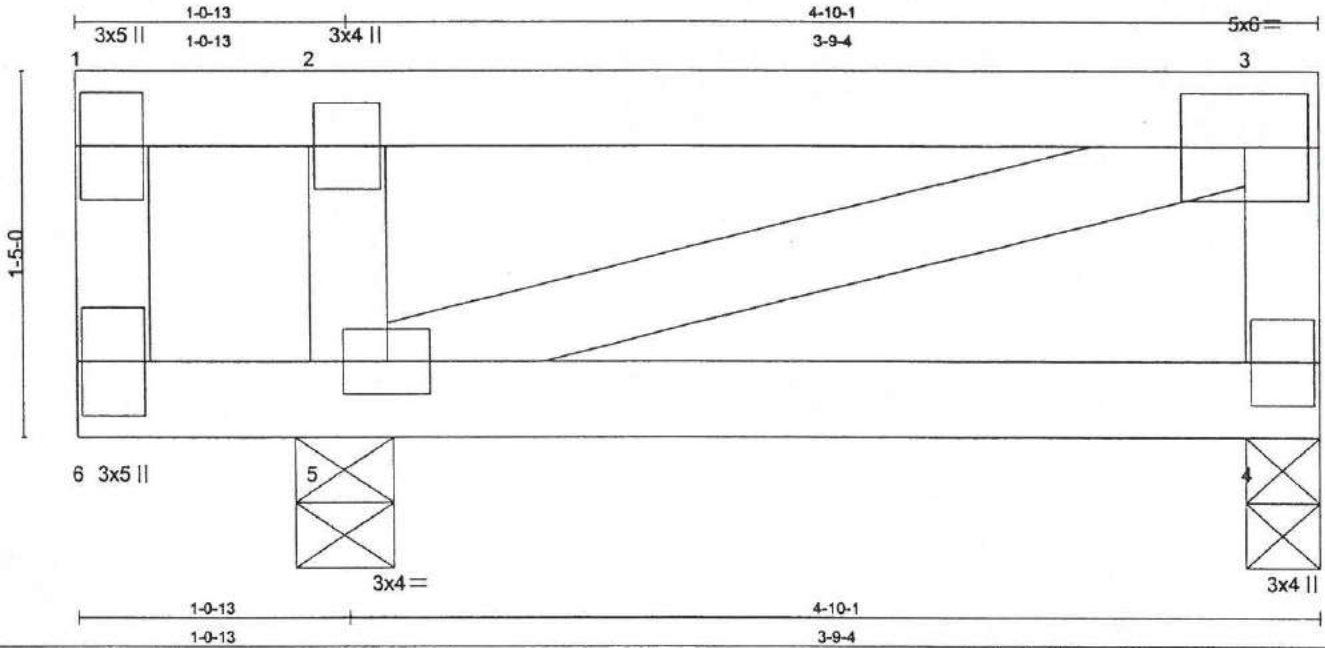
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGP1	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:18 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.96	Vert(LL)	-0.02	6	>523	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.52	Vert(TL)	-0.03	6	>428		
BCLL	0.0	Rep Stress Incr	NO	WB	0.12	Horz(TL)	-0.00	4	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 23 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 7-7-12 on center bracing.

REACTIONS (lb/size) 4=-27/0-3-8, 5=1371/0-4-8
Max Uplift4=-258(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-6=437, 1-2=419, 2-3=419, 3-4=15
BOT CHORD 5-6=-419, 4-5=-8
WEBS 2-5=-733, 3-5=-430

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 258 lb uplift at joint 4.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 5-6=-20.0, 4-5=-20.0
Concentrated Loads (lb)
Vert: 6=-843

SEP 0 4 2001

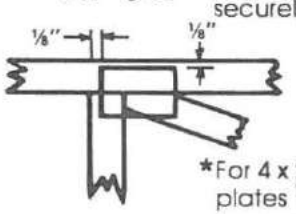
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

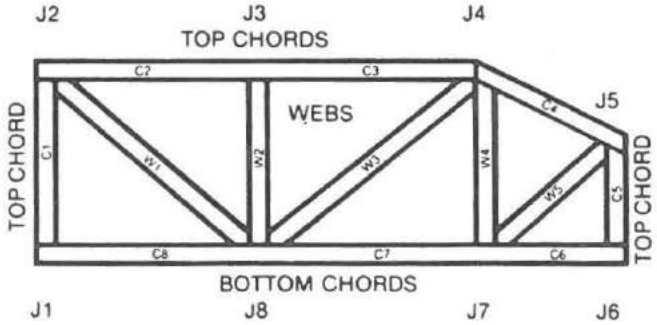
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGP	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:39:15 2001 Page 1

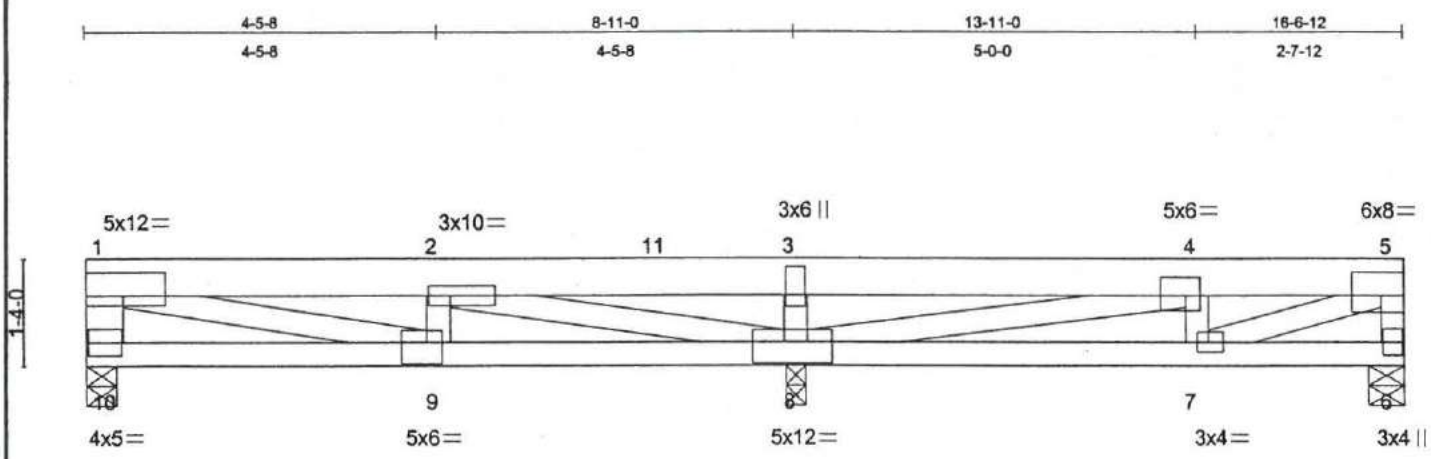


Plate Offsets (X,Y): [1:edge,0-3-8], [2:0-3-4,0-1-8], [3:0-1-8,0-4-4], [4:0-2-4,0-2-12], [5:edge,0-3-8], [7:0-1-12,0-1-8], [8:0-3-12,0-3-4], [9:0-2-4,0-3-4]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.91	Vert(LL) 0.20 8-9 >528	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.85	Vert(TL) -0.23 8-9 >459	
BCLL 0.0	Rep Stress Incr NO	WB 0.78	Horz(TL) 0.04 6 n/a	
BCDL 10.0	Code SBC/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 181 lb

LUMBER
TOP CHORD 2 X 6 SYP 2400F 2.0E
BOT CHORD 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3 *Except*
1-10 2 X 6 SYP No.2

BRACING
TOP CHORD Sheathed or 5-5-10 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-5-15 on center bracing.

REACTIONS (lb/size) 10=3496/0-4-8, 6=2974/0-5-8, 8=9608/0-5-11 (input: 0-3-0)
Max Uplift10=-2102(load case 2), 6=-1788(load case 2), 8=-5778(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-10=-1785, 1-2=-6758, 2-11=632, 3-11=632, 3-4=632, 4-5=-4228, 5-6=-2570
BOT CHORD 9-10=2528, 8-9=6758, 7-8=4228, 6-7=907
WEBS 1-9=4337, 2-9=2276, 2-8=-7559, 3-8=-4964, 4-8=-4948, 4-7=-1907, 5-7=3556

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 2 row(s) at 0-6-0 on center. Bottom chords connected with 2 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) WARNING: Required bearing size at joint(s) 8 greater than input bearing size.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2102 lb uplift at joint 10, 1788 lb uplift at joint 6 and 5778 lb uplift at joint 8.
8) This truss has been designed with ANSI/TPI 1-1995 criteria.

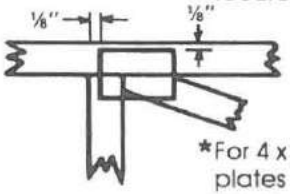
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-11=-90.0, 3-11=-90.0, 3-4=-790.0, 4-5=-790.0, 9-10=-770.0, 8-9=-770.0, 7-8=-20.0, 6-7=-20.0
Concentrated Loads (lb)
Vert: 4=-900 11=-1632

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

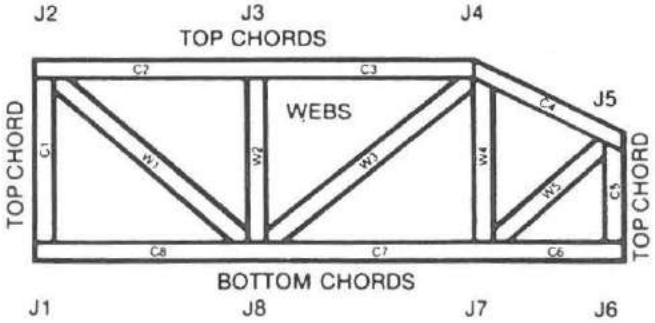
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGO	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423

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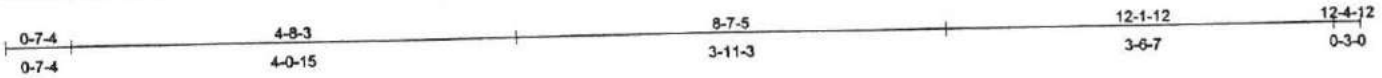
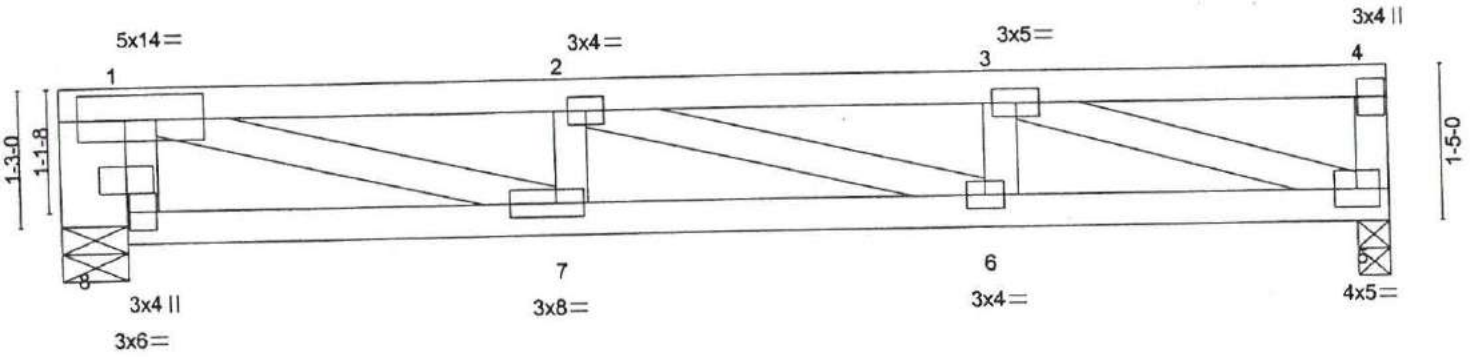




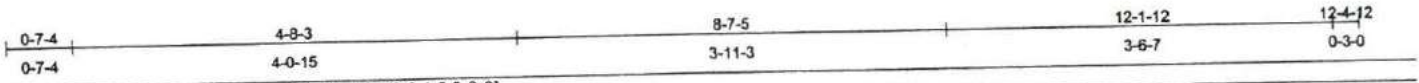


Plate Offsets (X,Y): [1:0-5-4,0-2-12], [7:0-3-0,0-1-8], [8:0-1-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.83	Vert(LL)	-0.14	6-7	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.74	Vert(TL)	-0.21	6-7	>654		
BCLL	0.0	Rep Stress Incr	NO	WB	0.73	Horz(TL)	0.04	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 118 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3
OTHERS 2 X 8 SYP 2400F 2.0E

BRACING
TOP CHORD Sheathed or 4-3-3 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 5=2397/0-3-8, 8=2282/0-7-4
Max Uplift5=-387(load case 2), 8=-364(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-6017, 2-3=-5325, 3-4=-510, 4-5=-675
BOT CHORD 1-8=-2443, 7-8=1360, 6-7=6017, 5-6=5325
WEBS 1-7=4832, 2-7=-1282, 2-6=-720, 3-6=189, 3-5=-5073

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been checked for unbalanced loading conditions.
3) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
4) Provide adequate drainage to prevent water ponding.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) All plates are M20 plates unless otherwise indicated.
7) Bearing at joint(s) 8 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 387 lb uplift at joint 5 and 364 lb uplift at joint 8.
9) This truss has been designed with ANSI/TPI 1-1995 criteria.

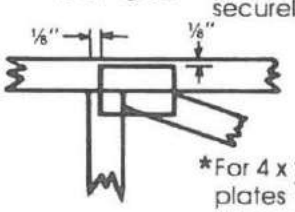
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-390.0, 2-3=-390.0, 3-4=-390.0, 7-8=-20.0, 6-7=-20.0, 5-6=-20.0

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

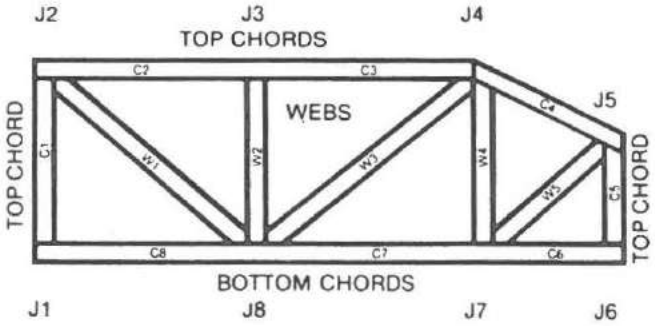
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM016,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

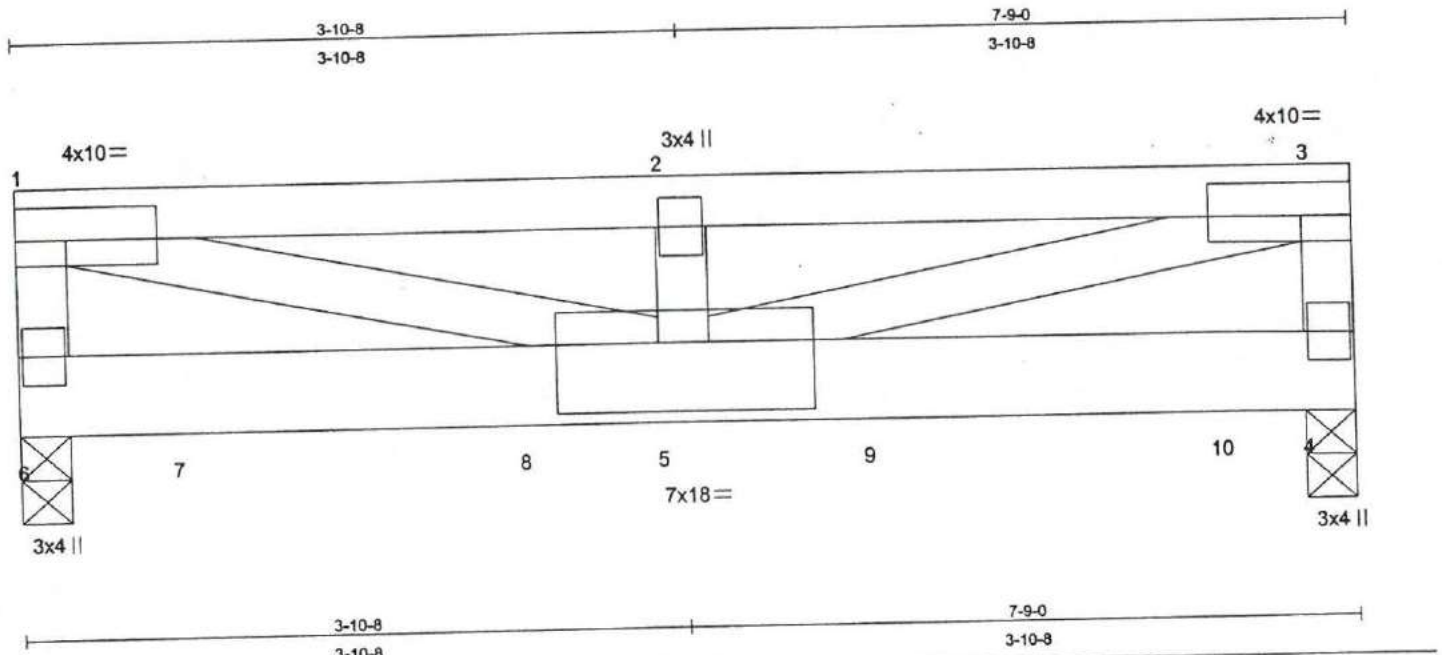
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGN	FLOOR	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423



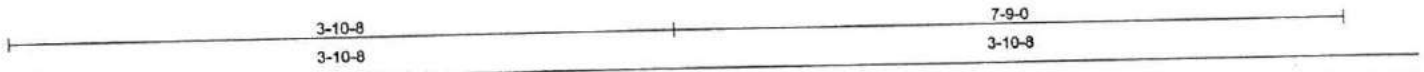


Plate Offsets (X,Y): [1:edge,0-2-4], [3:edge,0-2-4], [5:0-9-0,0-4-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.67	Vert(LL)	-0.12	5	>761	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.83	Vert(TL)	-0.17	5	>518		
BCLL	0.0	Rep Stress Incr	NO	WB	0.82	Horz(TL)	-0.00	4	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 480				Weight: 43 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3 *Except*
1-5 2 X 4 SYP No.2ND, 3-5 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 2-5-10 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 6=1758/0-3-8, 4=1897/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-6=-1072, 1-2=-3204, 2-3=-3204, 3-4=-1072
BOT CHORD 6-7=-0, 7-8=-0, 5-8=-0, 5-9=-0, 9-10=-0, 4-10=-0
WEBS 1-5=3327, 2-5=-391, 3-5=3327

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 with ANSI/TPI 1-1995 criteria.

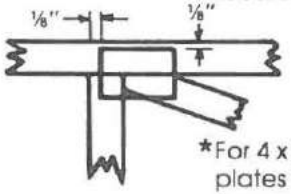
LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-100.0, 2-3=-100.0, 6-7=-20.0, 7-8=-20.0, 5-8=-20.0, 5-9=-20.0, 9-10=-20.0, 4-10=-20.0
Concentrated Loads (lb)
Vert: 7=-690 8=-690 9=-690 10=-690

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

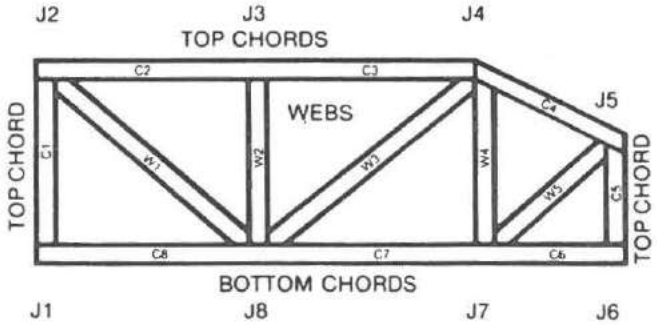
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGM	FLOOR	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423

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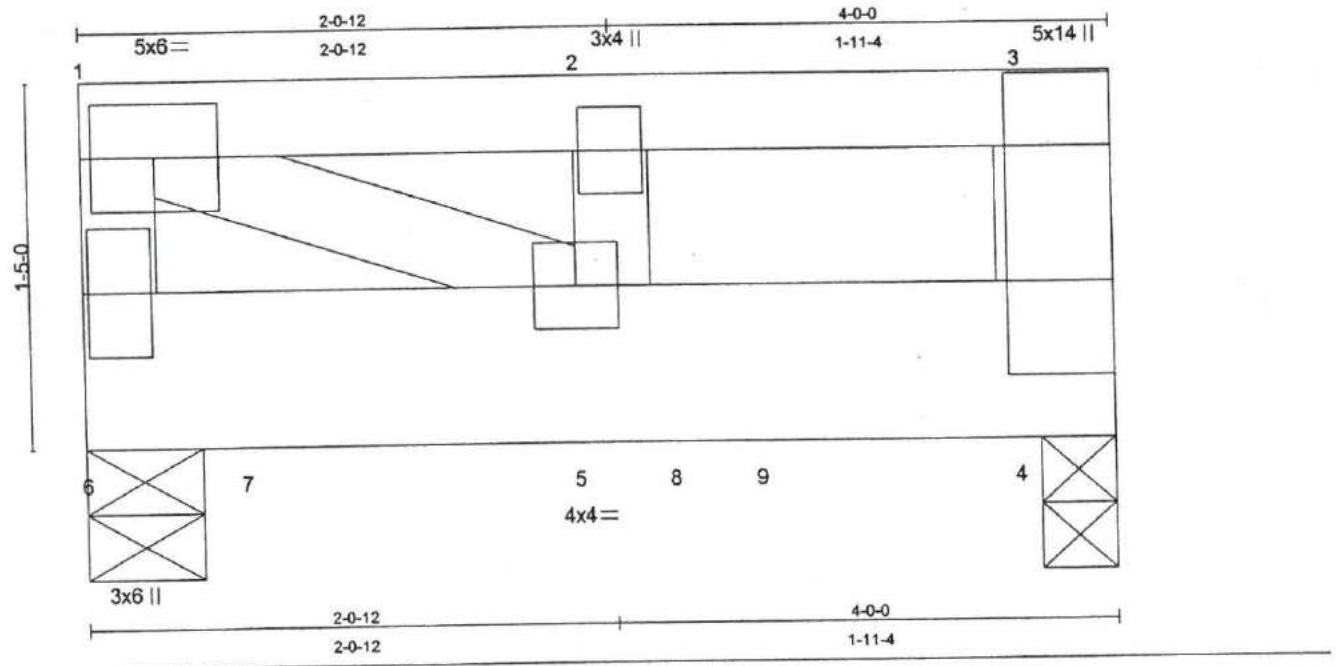


Plate Offsets (X,Y): [3:0-0-0,0-3-6]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.81	Vert(LL)	-0.01	5	>999	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.32	Vert(TL)	-0.02	5	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.26	Horz(TL)	0.00	4	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 24 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
1-6 2 X 4 SYP No.2ND, 3-4 2 X 6 SYP No.2

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

REACTIONS (lb/size) 6=1436/0-5-8, 4=1522/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-6=-496, 1-2=-846, 2-3=-846, 3-4=-255
BOT CHORD 6-7=263, 5-7=263, 5-8=846, 8-9=846, 4-9=846
WEBS 2-5=93, 1-5=653

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 both TPI-85 and ANSI/TPI 1-1995 plating criteria.

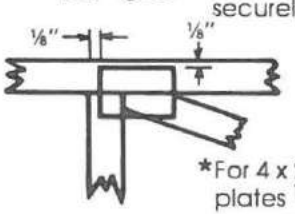
LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-100.0, 2-3=-100.0, 6-7=-20.0, 5-7=-20.0, 5-8=-20.0, 8-9=-20.0, 4-9=-20.0
Concentrated Loads (lb)
Vert: 7=-811 8=-817 9=-894

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

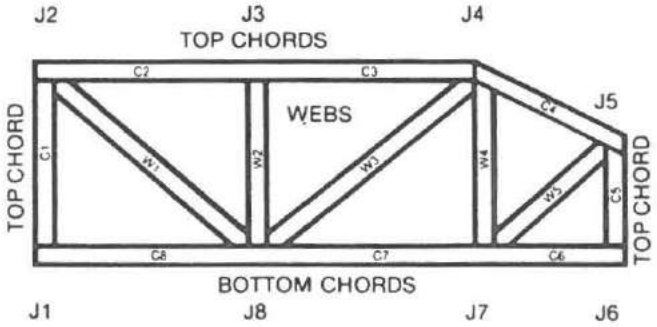
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGH	ROOF TRUSS	1	2	

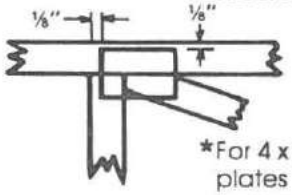
LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 12=-7445

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

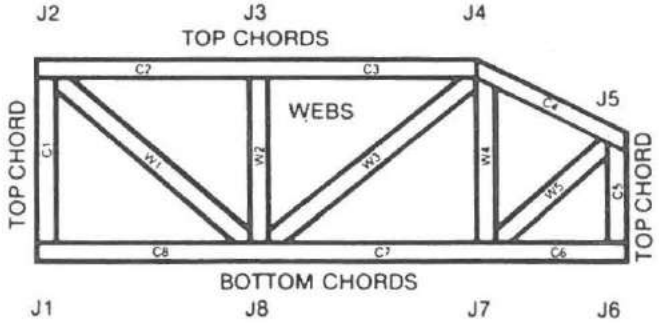
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

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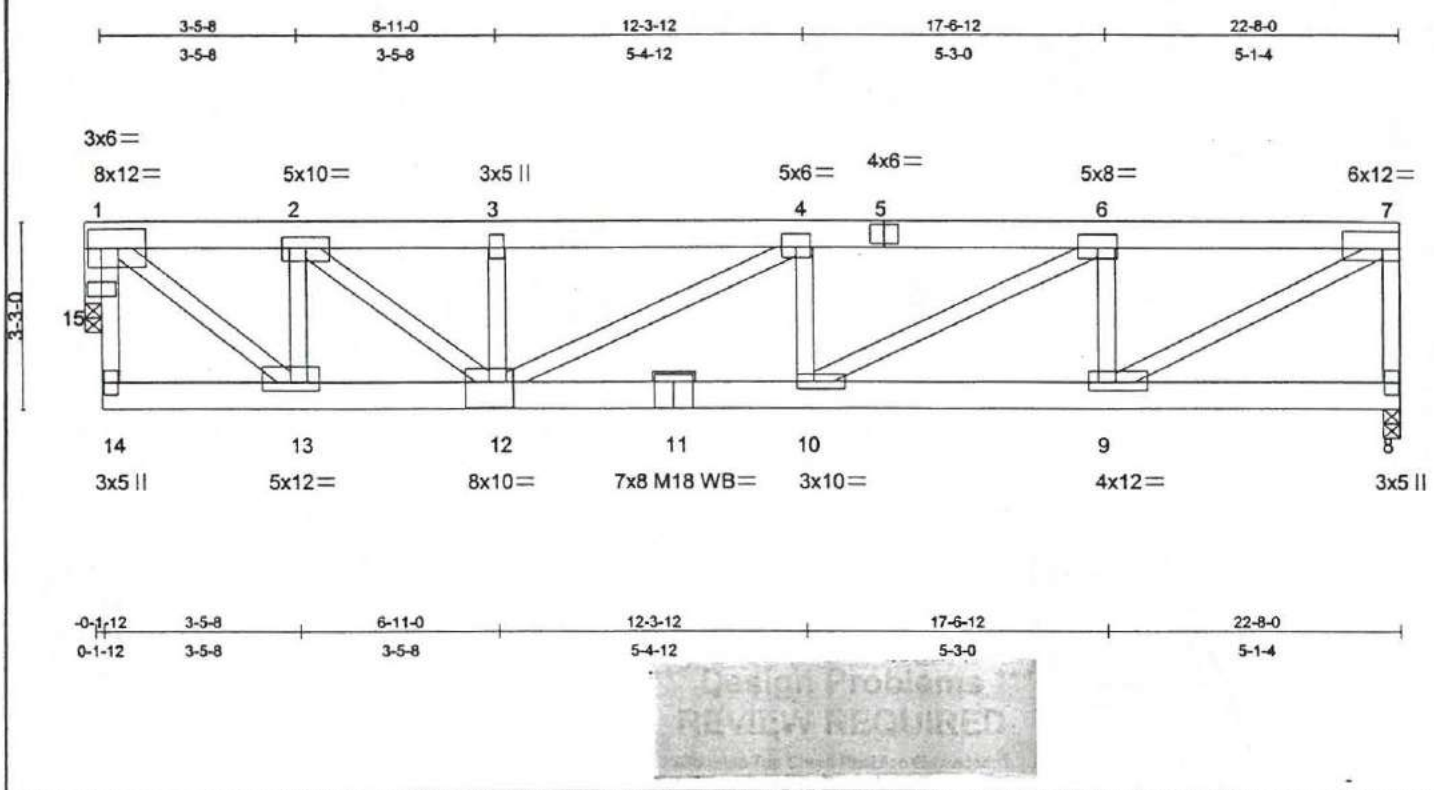
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGH	ROOF TRUSS	1	2	



Design Problems
REVIEW REQUIRED

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

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.95	Vert(LL)	-0.30	10-12	>901	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.70	Vert(TL)	-0.54	10-12	>497	M18	195/188
BCLL	0.0	Rep Stress Incr	NO	WB	0.85	Horz(TL)	0.06	1	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 329 lb	

LUMBER
TOP CHORD 2 X 6 SYP No.2 *Except*
1-5 2 X 6 SYP 2400F 2.0E
BOT CHORD 2 X 6 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
7-8 2 X 4 SYP No.2ND, 1-13 2 X 4 SYP SS, 2-12 2 X 4 SYP SS
6-10 2 X 4 SYP No.2ND, 6-9 2 X 4 SYP SS, 7-9 2 X 4 SYP SS
OTHERS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 8-2-7 on center bracing.

REACTIONS (lb/size) 1=11462/0-3-8, 8=8592/0-3-9 (input: 0-3-8)
Max Uplift1=-3457(load case 2), 8=-3643(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 14-15=186, 1-15=236, 1-2=-13019, 2-3=-23445, 3-4=-23445, 4-5=-21227, 5-6=-21227, 6-7=-13066, 7-8=-8381
BOT CHORD 13-14=423, 12-13=13019, 11-12=21227, 10-11=21227, 9-10=13066, 8-9=404
WEBS 1-13=16187, 2-13=-10045, 2-12=13400, 3-12=-2334, 4-12=2498, 4-10=-4127, 6-10=9242, 6-9=-7199, 7-9=14531

NOTES
1) 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows: Top chords connected with 2 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) Special connection required to distribute bottom chord loads equally between all plies.
3) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
4) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) Provide adequate drainage to prevent water ponding.
6) All plates are M20 plates unless otherwise indicated.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
8) WARNING: Required bearing size at joint(s) 8 greater than input bearing size.
9) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 3457 lb uplift at joint 1 and 3643 lb uplift at joint 8.
11) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-540.0, 2-3=-540.0, 3-4=-540.0, 4-5=-540.0, 5-6=-540.0, 6-7=-540.0, 13-14=-20.0, 12-13=-20.0, 11-12=-20.0, 10-11=-20.0, 9-10=-20.0, 8-9=-20.0

SEP 0 4 2001

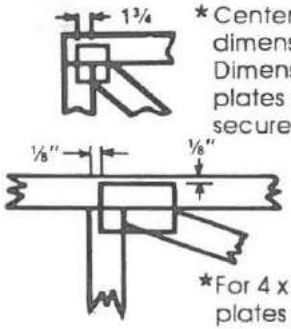
Continued on page 2

⚠ WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

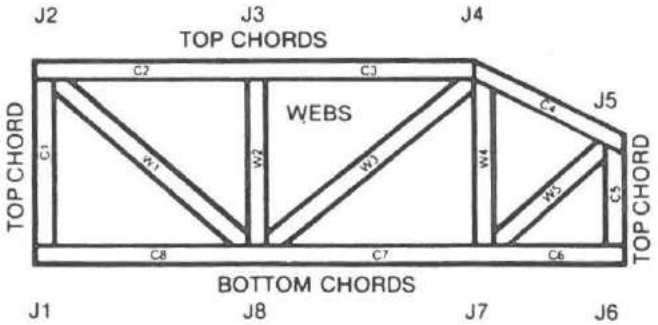
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGF	ROOF TRUSS	1	3	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:38:54 2001 Page 1

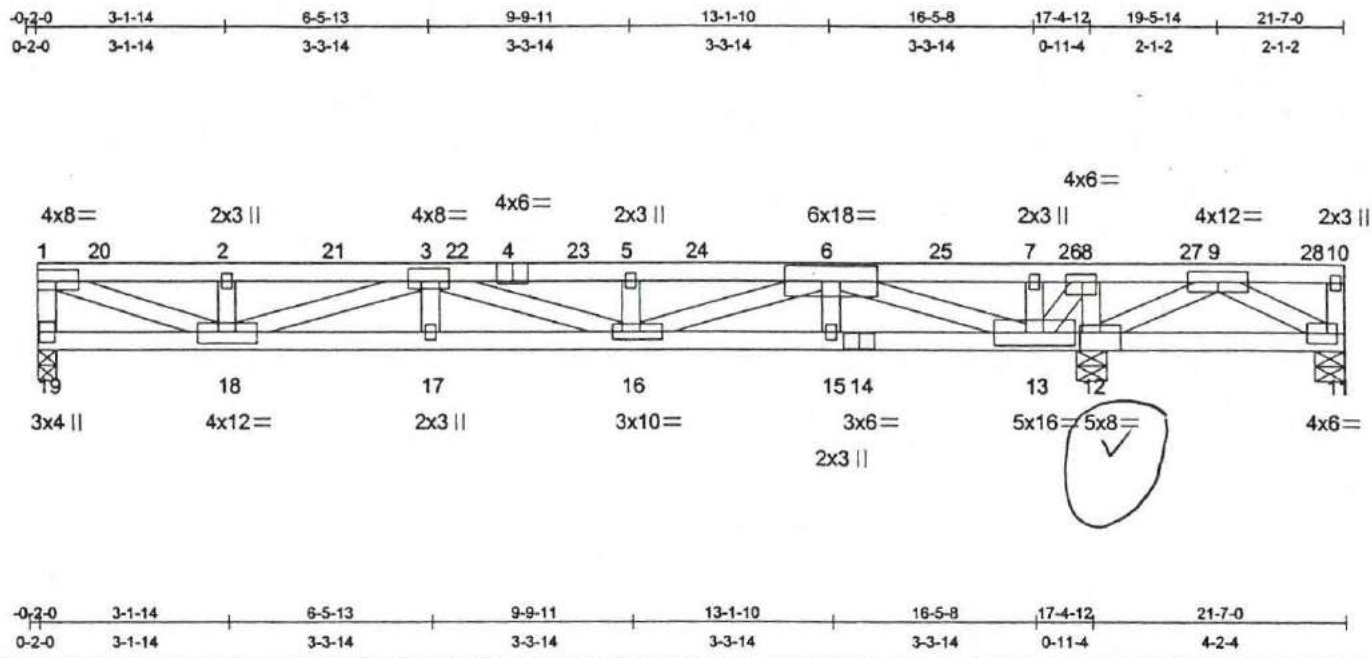


Plate Offsets (X,Y): [1:edge,0-2-4], [3:0-2-8,0-2-8], [8:0-2-12,0-1-8], [11:0-2-0,0-2-0], [12:0-4-0,edge], [16:0-2-0,0-1-8], [18:0-6-0,0-2-4]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.79	Vert(LL)	0.57 16-17	>361	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.94	Vert(TL)	-0.61 16-17	>340		
BCLL	0.0	Rep Stress Incr	NO	WB	0.96	Horz(TL)	0.07 12	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360			Weight: 314 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2D *Except*
14-19 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3 *Except*
1-18 2 X 4 SYP No.2ND, 6-16 2 X 4 SYP No.2ND, 6-13 2 X 4 SYP No.2ND
8-13 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 5-0-15 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-10-3 on center bracing.

REACTIONS (lb/size) 19=5116/0-3-8, 11=-4213/0-6-0, 12=15147/0-6-0
Max Uplift19=-3916(load case 2), 11=-4213(load case 1), 12=-10402(load case 2)
Max Grav11=2896(load case 2), 12=15147(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-19=-4877, 1-20=-12492, 2-20=-12492, 2-21=-12492, 3-21=-12492, 3-22=-18476, 4-22=-18476, 4-23=-18476, 5-23=-18476, 5-24=-18476, 6-24=-18476, 6-25=11297, 7-25=11297, 7-26=11297, 8-26=11297, 8-27=18818, 9-27=18818, 9-28=350, 10-28=350, 10-11=-788
BOT CHORD 18-19=575, 17-18=20955, 16-17=20955, 15-16=7661, 14-15=7661, 13-14=7661, 12-13=-18818, 11-12=-8655
WEBS 1-18=12721, 2-18=-1688, 3-18=-8935, 3-17=-15, 3-16=-2618, 5-16=-2714, 6-16=11417, 6-15=-154, 6-13=-20014, 7-13=-2616, 8-13=11748, 8-12=-9125, 9-12=-11537, 9-11=9590

NOTES
1) 3-ply truss to be connected together with 10d Common(.148"x3") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) Special connection required to distribute top chord loads equally between all plies.
3) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
4) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) Provide adequate drainage to prevent water ponding.
6) All plates are M20 plates unless otherwise indicated.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 3916 lb uplift at joint 19, 4213 lb uplift at joint 11 and 10402 lb uplift at joint 12.
8) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-20=-90.0, 2-20=-90.0, 2-21=-90.0, 3-21=-90.0, 3-22=-90.0, 4-22=-90.0, 4-23=-90.0, 5-23=-90.0, 5-24=-90.0, 6-24=-90.0, 6-25=-90.0, 7-25=-90.0, 7-26=-90.0, 8-26=-90.0, 8-27=-90.0, 9-27=-90.0, 9-28=-90.0, 10-28=-90.0, 18-19=-20.0, 17-18=-20.0, 16-17=-20.0, 15-16=-20.0, 14-15=-20.0, 13-14=-20.0, 12-13=-20.0, 11-12=-20.0
Concentrated Loads (lb)
Vert: 1=-261 2=-188 6=-1616 7=-645 20=-113 21=-2601 22=-1616 23=-1616 24=-1616 25=-1614 26=-357 27=-357 28=-1109

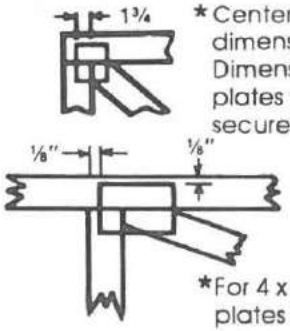
CHAI TAN ENG CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

SEP
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

* For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

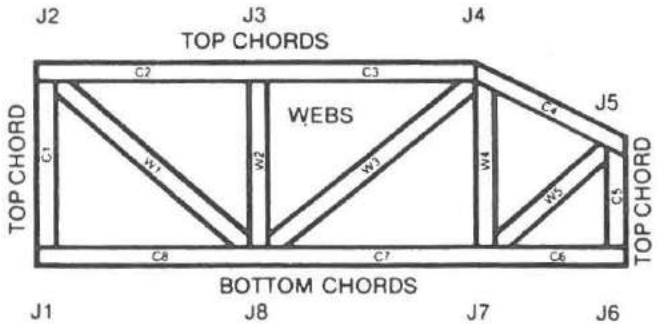
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply
49597-F	FGE	FLOOR	1	2

Chambers Truss Inc., Fort Pierce Fl. 34982-6423

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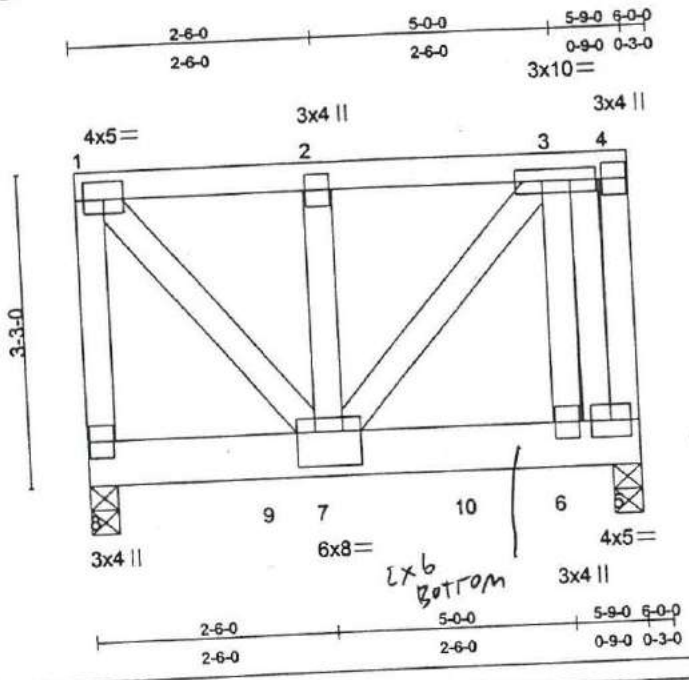

Plate Offsets (X,Y): [1:0-2-8,0-2-4], [7:0-4-0,0-4-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.28	Vert(LL)	-0.02	6-7	>999	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.68	Vert(TL)	-0.03	6-7	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.67	Horz(TL)	0.00	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 480				Weight: 101 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 8=2487/0-3-8, 5=7465/0-4-6 (input: 0-3-8)

FORCES (lb) - First Load Case Only
TOP CHORD 1-8=-2337, 1-2=-1766, 2-3=-1766, 3-4=0, 4-5=-269
BOT CHORD 8-9=-0, 7-9=-0, 7-10=1325, 6-10=1325, 5-6=1325
WEBS 1-7=2787, 2-7=-643, 3-7=671, 3-6=-521, 3-5=-6444

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 2 row(s) at 0-8-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) Special connection required to distribute top chord loads equally between all plies.
3) This truss has been checked for unbalanced loading conditions.
4) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
6) Provide adequate drainage to prevent water ponding.
7) All plates are M20 plates unless otherwise indicated.
8) WARNING: Required bearing size at joint(s) 5 greater than input bearing size.
9) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-200.0, 2-3=-200.0, 3-4=-200.0, 8-9=-20.0, 7-9=-20.0, 7-10=-20.0, 6-10=-20.0, 5-6=-20.0
Concentrated Loads (lb)
Vert: 3=-6322 9=-1215 10=-1215

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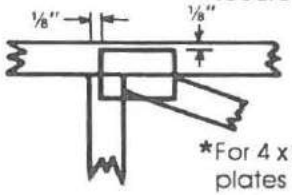
Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

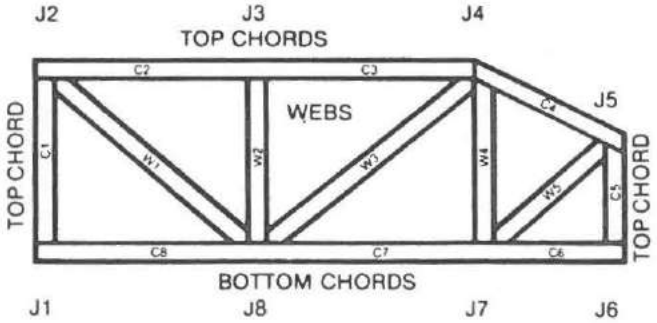
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGD	FLOOR	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:38:48 2001 Page 1

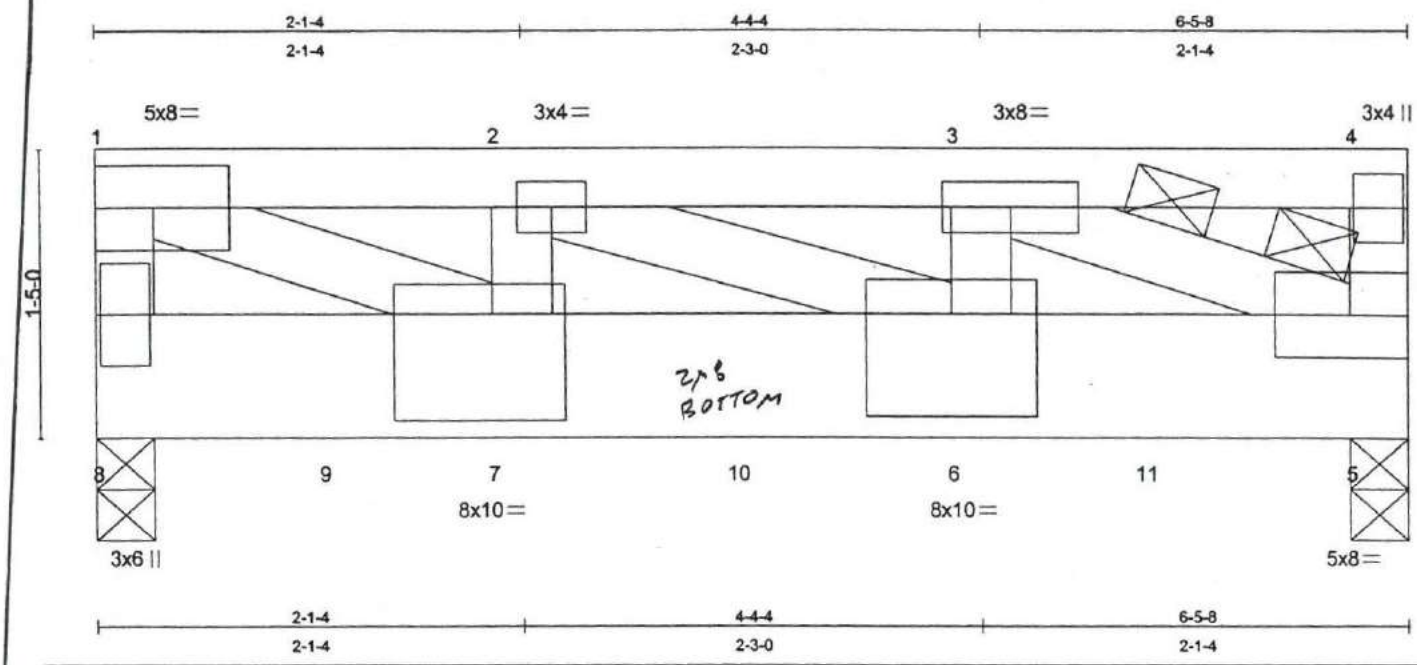

Plate Offsets (X,Y): [6:0-5-0,0-6-0], [7:0-4-4,0-6-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.58	Vert(LL)	-0.07	6-7	>999	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.85	Vert(TL)	-0.10	6-7	>712		
BCLL	0.0	Rep Stress Incr	NO	WB	0.91	Horz(TL)	0.01	5	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 480				Weight: 41 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
1-7 2 X 4 SYP SS

BRACING
TOP CHORD Sheathed or 2-3-9 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.
WEBS 2 Rows at 1/3 pts 3-5

REACTIONS (lb/size) 8=3348/0-3-8, 5=3430/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-8=-2226, 1-2=-4255, 2-3=-4107, 3-4=0, 4-5=-121
BOT CHORD 8-9=0, 7-9=0, 7-10=4255, 6-10=4255, 6-11=4107, 5-11=4107
WEBS 1-7=4747, 2-7=-124, 2-6=-161, 3-6=1845, 3-5=-4582

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 both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-100.0, 2-3=-100.0, 3-4=-100.0, 8-9=-20.0, 7-9=-20.0, 7-10=-20.0, 6-10=-20.0, 6-11=-20.0, 5-11=-20.0
Concentrated Loads (lb)
Vert: 9=-2012 10=-2012 11=-2012

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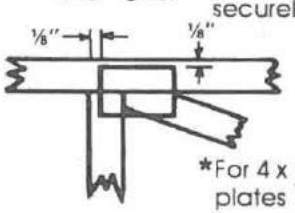
Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

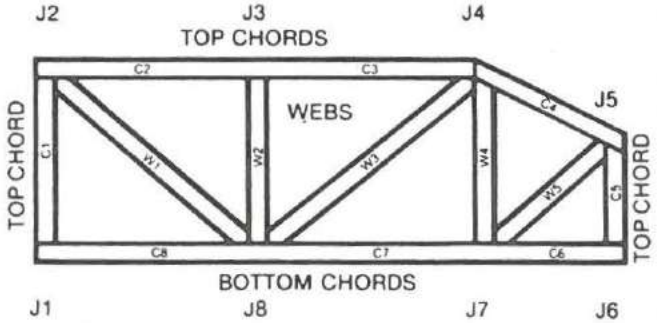
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

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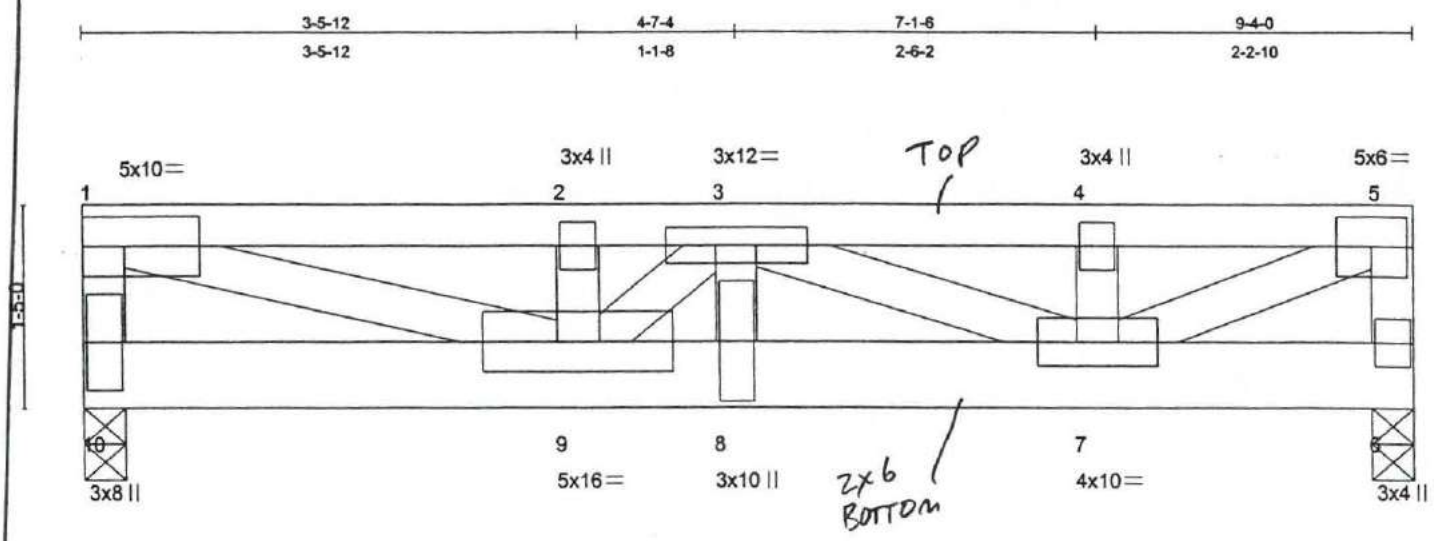
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	
49597-F	FGC	FLOOR	1	2	

Chambers Truss Inc., Fort Pierce FL 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:38:46 2001 Page 1



3-5-12 3-5-12 | 4-7-4 1-1-8 | 7-1-6 2-6-2 | 9-4-0 2-2-10

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	40.0	Plates Increase	1.00	TC	0.92	Vert(LL)	-0.13	8-9	>853	M20	249/190
TCDL	10.0	Lumber Increase	1.00	BC	0.80	Vert(TL)	-0.19	8-9	>582		
BCLL	0.0	Rep Stress Incr	NO	WB	0.87	Horz(TL)	0.02	6	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 106 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 6 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
1-10 2 X 4 SYP No.2D, 1-9 2 X 4 SYP No.2ND, 5-7 2 X 4 SYP No.2ND

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

REACTIONS (lb/size) 10=3196/0-3-8, 6=2764/0-3-8

FORCES (lb) - First Load Case Only
TOP CHORD 1-10=-2484, 1-2=-7890, 2-3=-7890, 3-4=-4957, 4-5=-4957, 5-6=-2465
BOT CHORD 9-10=1162, 8-9=9909, 7-8=9909, 6-7=469
WEBS 1-9=7049, 2-9=166, 3-9=-2752, 3-8=3591, 3-7=-5362, 4-7=-145, 5-7=5022

NOTES
1) 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) Special connection required to distribute bottom chord loads equally between all plies.
3) This truss has been checked for unbalanced loading conditions.
4) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) Provide adequate drainage to prevent water ponding.
6) All plates are M20 plates unless otherwise indicated.
7) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

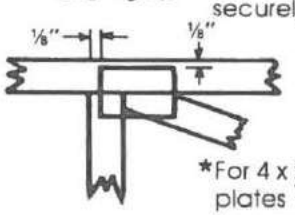
LOAD CASE(S) Standard
1) Floor: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 1-2=-100.0, 2-3=-100.0, 3-4=-100.0, 4-5=-100.0, 9-10=-20.0, 8-9=-20.0, 7-8=-20.0, 6-7=-20.0
Concentrated Loads (lb)
Vert: 9=-1466 8=-3410

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

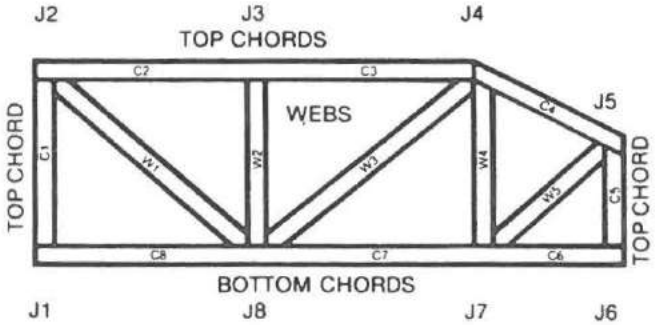
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	Z	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:54 2001 Page 1

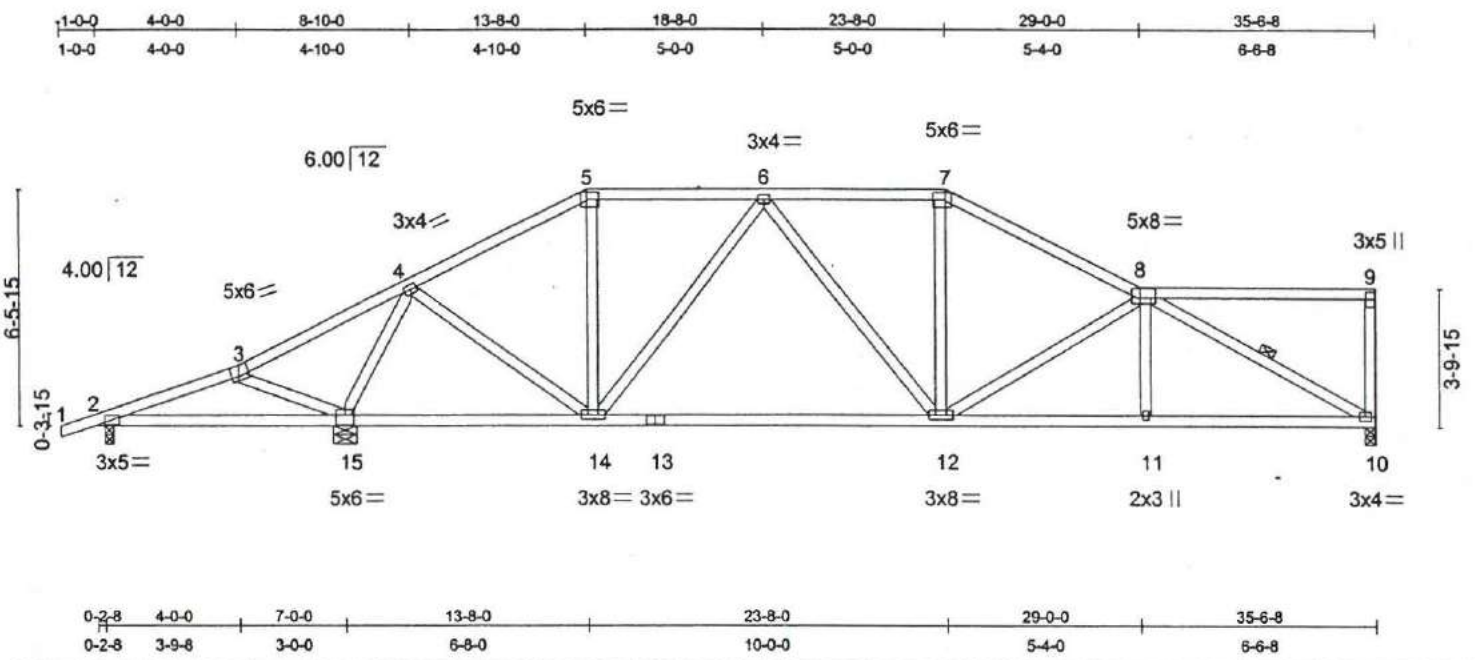

Plate Offsets (X,Y): [4:0-1-12,0-1-8], [5:0-4-0,0-2-8], [7:0-4-0,0-2-8], [8:0-5-4,0-3-4], [15:0-3-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.75	Vert(LL)	0.13	11-12	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.64	Vert(TL)	-0.32	12-14	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.87	Horz(TL)	0.06	10	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 199 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-9-1 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-8-1 on center bracing.
WEBS 1 Row at midpt 8-10

REACTIONS (lb/size) 10=1479/0-3-8, 2=146/0-3-0, 15=2355/0-8-0
Max Horz 2=480(load case 4)
Max Uplift10=-724(load case 5), 2=-200(load case 2), 15=-1367(load case 4)
Max Grav2=201(load case 6), 15=2355(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=520, 3-4=1007, 4-5=-1282, 5-6=-1062, 6-7=-1630, 7-8=-1926, 8-9=-103, 9-10=-286
BOT CHORD 2-15=-423, 14-15=177, 13-14=1519, 12-13=1519, 11-12=2116, 10-11=2119
WEBS 3-15=-431, 4-15=-2267, 4-14=1107, 5-14=86, 6-14=-743, 6-12=180, 7-12=354, 8-12=-588, 8-11=77, 8-10=-2303

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 724 lb uplift at joint 10, 200 lb uplift at joint 2 and 1367 lb uplift at joint 15.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

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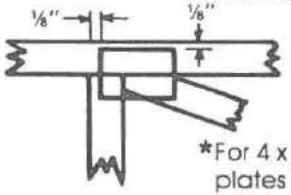
Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

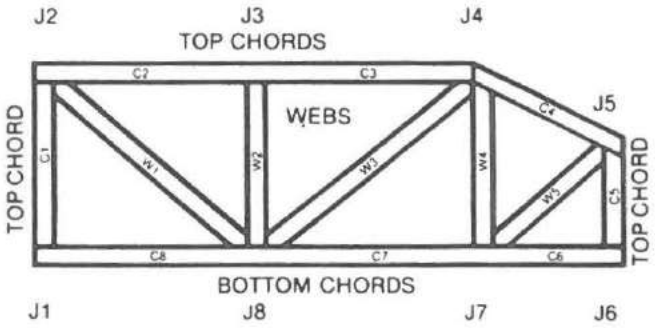
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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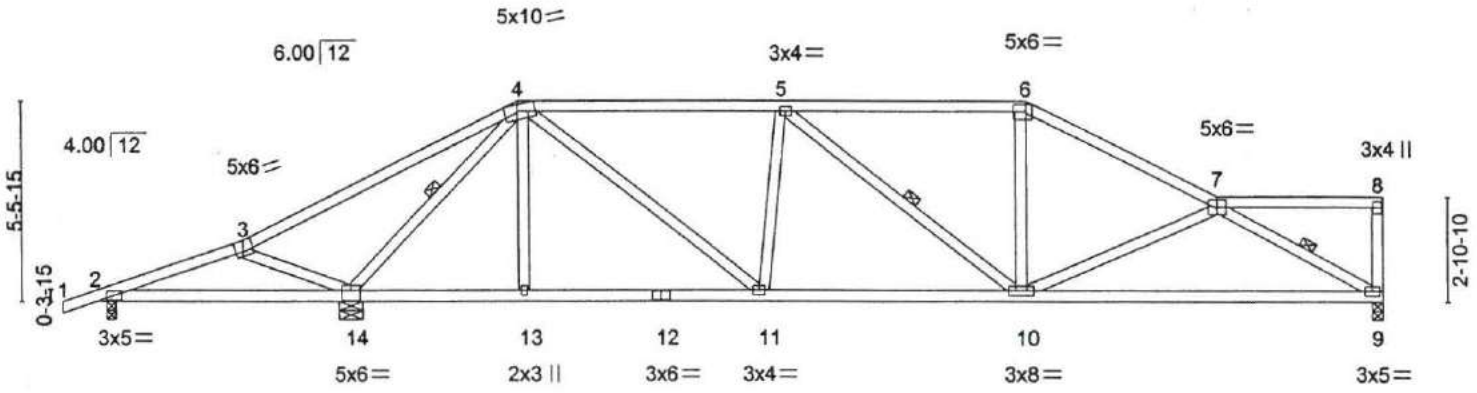
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	Y	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:51 2001 Page 1

1-0-0	4-0-0	11-8-0	18-5-1	18-11-0	25-8-0	30-10-11	35-6-8
1-0-0	4-0-0	7-8-0	6-9-1	0-5-15	6-9-1	5-2-11	4-7-13



0-2-8	4-0-0	7-0-0	11-8-0	18-5-1	18-11-0	25-8-0	30-10-11	35-6-8
0-2-8	3-9-8	3-0-0	4-8-0	6-9-1	0-5-15	6-9-1	5-2-11	4-7-13

Plate Offsets (X,Y): [4:0-4-4,edge], [6:0-4-0,0-2-8], [14:0-3-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.88	Vert(LL)	0.15	10-11	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.70	Vert(TL)	-0.28	9-10	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.94	Horz(TL)	0.07	9	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 190 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
3-4 2 X 4 SYP No.2D, 4-6 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-4-9 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-6-4 on center bracing.
WEBS 1 Row at midpt 4-14, 5-10, 7-9

REACTIONS (lb/size) 9=1493/0-3-8, 2=204/0-3-0, 14=2283/0-8-0
Max Horz 2=387(load case 4)
Max Uplift9=-686(load case 5), 2=-217(load case 2), 14=-1363(load case 4)
Max Grav2=240(load case 6), 14=2283(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=222, 3-4=983, 4-5=-1876, 5-6=-1876, 6-7=-2177, 7-8=-118, 8-9=-207
BOT CHORD 2-14=-126, 13-14=953, 12-13=956, 11-12=956, 10-11=1934, 9-10=2182
WEBS 3-14=-670, 4-14=-2527, 4-13=101, 4-11=1162, 5-11=-579, 5-10=-74, 6-10=373, 7-10=-351, 7-9=-2380

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 686 lb uplift at joint 9, 217 lb uplift at joint 2 and 1363 lb uplift at joint 14.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

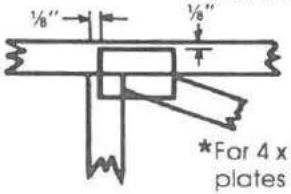
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

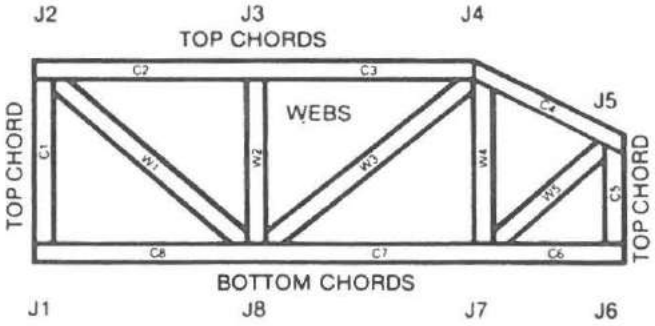
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilla Const / Baum
49597	X	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:47 2001 Page 1

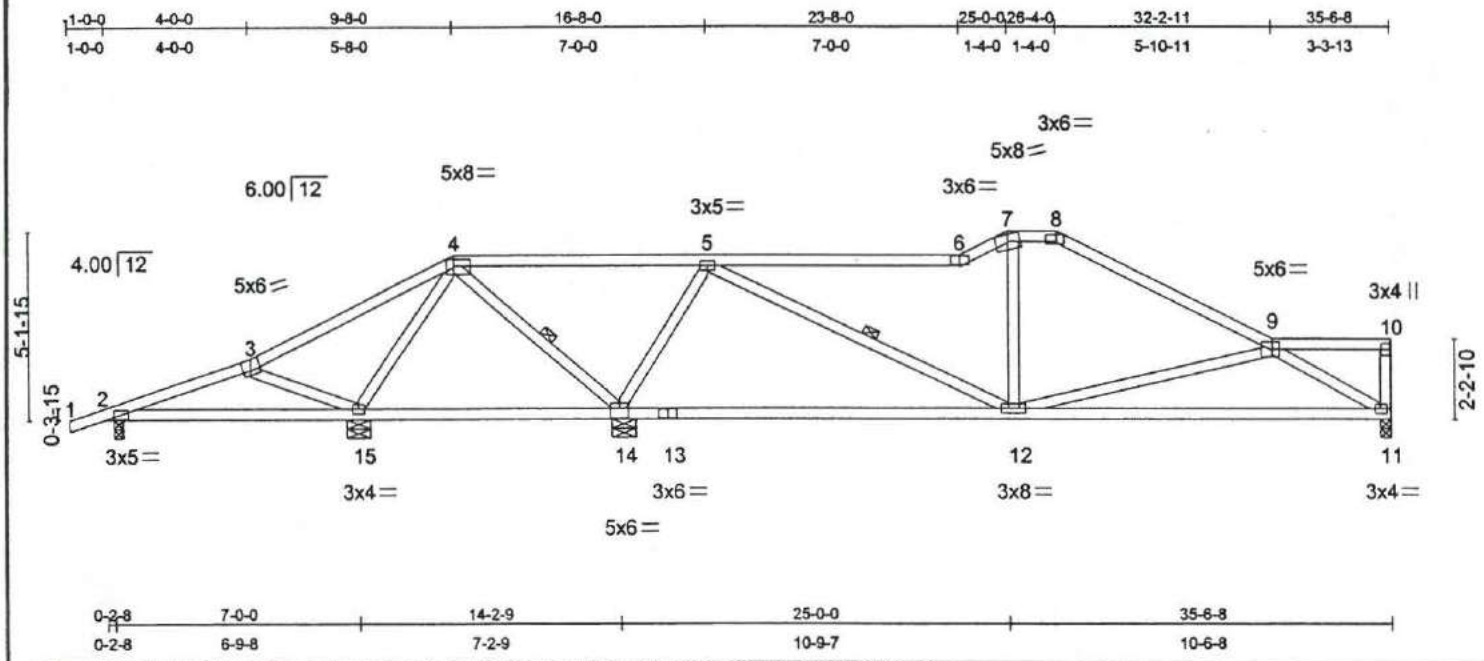


Plate Offsets (X,Y): [4:0-5-8,0-2-4], [8:0-3-8,0-2-4], [9:0-2-4,0-2-8], [11:0-1-12,0-1-8], [12:0-2-0,0-1-8], [14:0-3-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.85	Vert(LL)	0.19	12	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.56	Vert(TL)	-0.37	12-14	>696		
BCLL	0.0	Rep Stress Incr	YES	WB	0.82	Horz(TL)	-0.02	11	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 177 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
4-6 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-11-9 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-10-10 on center bracing.
WEBS 1 Row at midpt 4-14, 5-12

REACTIONS (lb/size) 11=750/0-3-8, 2=255/0-3-0, 15=3/0-8-0, 14=2973/0-8-0
Max Horz 2=335(load case 4)
Max Uplift 11=-432(load case 5), 2=-242(load case 2), 15=-55(load case 7), 14=-1751(load case 4)
Max Grav 11=788(load case 7), 2=258(load case 6), 15=241(load case 2), 14=2973(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=187, 3-4=770, 4-5=2054, 5-6=-530, 6-7=-385, 7-8=-515, 8-9=-682, 9-10=-107, 10-11=-114
BOT CHORD 2-15=-106, 14-15=-799, 13-14=-1111, 12-13=-1111, 11-12=993
WEBS 3-15=-524, 4-15=402, 4-14=-1707, 5-14=-1872, 5-12=1831, 7-12=-470, 9-12=-495, 9-11=-1036

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 432 lb uplift at joint 11, 242 lb uplift at joint 2, 55 lb uplift at joint 15 and 1751 lb uplift at joint 14.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

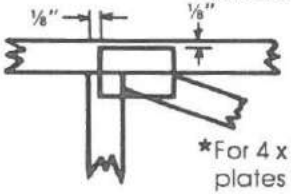
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

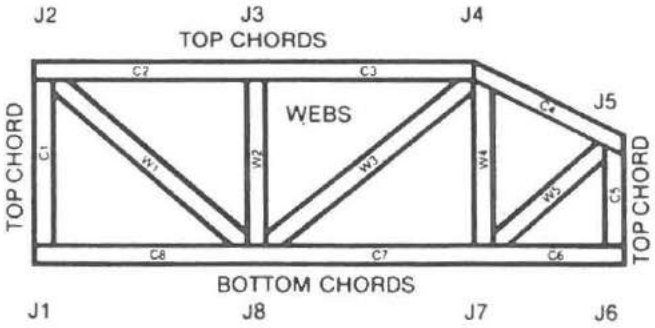
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	W	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:43 2001 Page 1

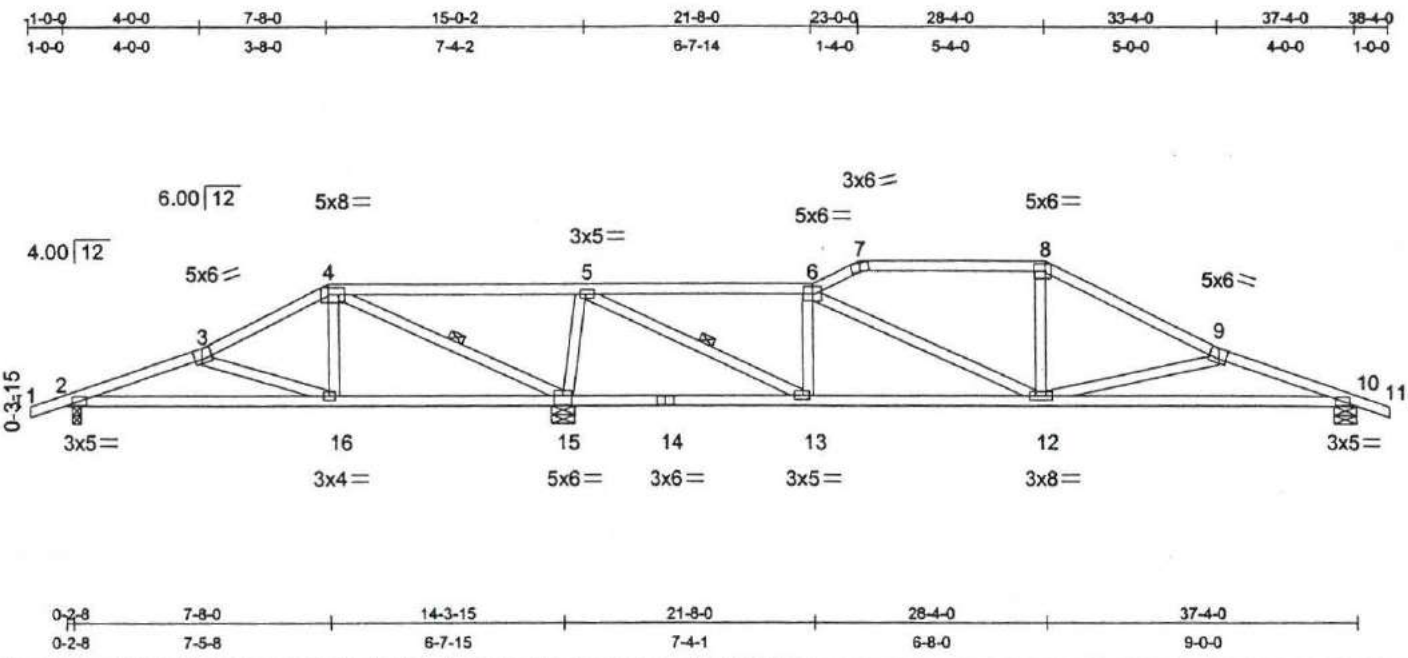


Plate Offsets (X,Y): [4:0-5-8,0-2-4], [5:0-2-0,0-1-8], [8:0-4-0,0-2-8], [13:0-2-0,0-1-8], [15:0-3-0,0-3-4]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.69	Vert(LL)	0.19 12	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.63	Vert(TL)	-0.32 10-12	>852		
BCLL	0.0	Rep Stress Incr	YES	WB	0.76	Horz(TL)	0.03 10	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360			Weight: 180 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND "Except"
4-6 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-5-7 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 4-9-6 on center bracing.
WEBS 1 Row at midpt 4-15, 5-13

REACTIONS (lb/size) 2=459/0-3-0, 15=2721/0-8-0, 10=1101/0-8-0
Max Horz 2=-155(load case 5)
Max Uplift2=-404(load case 4), 15=-1502(load case 4), 10=-654(load case 5)
Max Grav2=542(load case 6), 15=2721(load case 1), 10=1101(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-424, 3-4=164, 4-5=1766, 5-6=-655, 6-7=-1255, 7-8=-1211, 8-9=-1447, 9-10=-2370, 10-11=27
BOT CHORD 2-16=362, 15-16=-50, 14-15=-1362, 13-14=-1362, 12-13=694, 10-12=2204
WEBS 3-16=-451, 4-16=294, 4-15=-1905, 5-15=-1792, 5-13=2249, 6-13=-872, 6-12=575, 8-12=177, 9-12=-1034

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 404 lb uplift at joint 2, 1502 lb uplift at joint 15 and 654 lb uplift at joint 10.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
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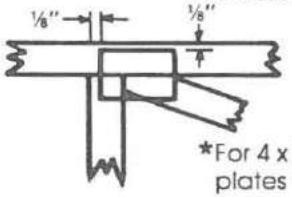
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

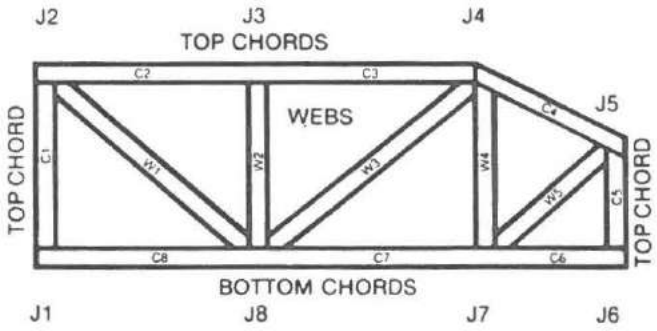
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	V41	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423

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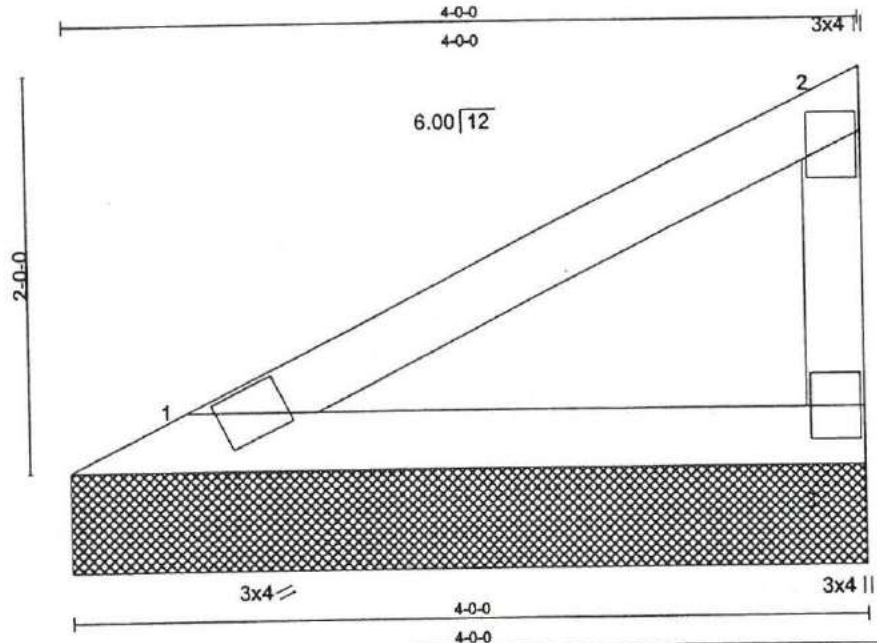


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.40	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.08	Vert(TL)	n/a	-	n/a		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 14 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=178/4-0-0, 3=178/4-0-0
Max Horz 1=156(load case 4)
Max Uplift1=-68(load case 4), 3=-146(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=52, 2-3=-146
BOT CHORD 1-3=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Gable requires continuous bottom chord bearing.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 68 lb uplift at joint 1 and 146 lb uplift at joint 3.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

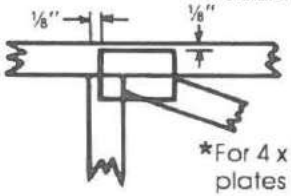
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

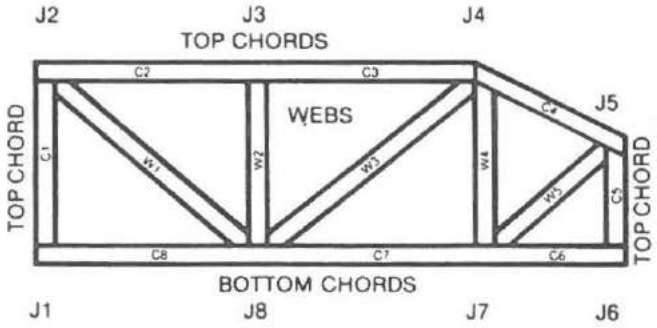
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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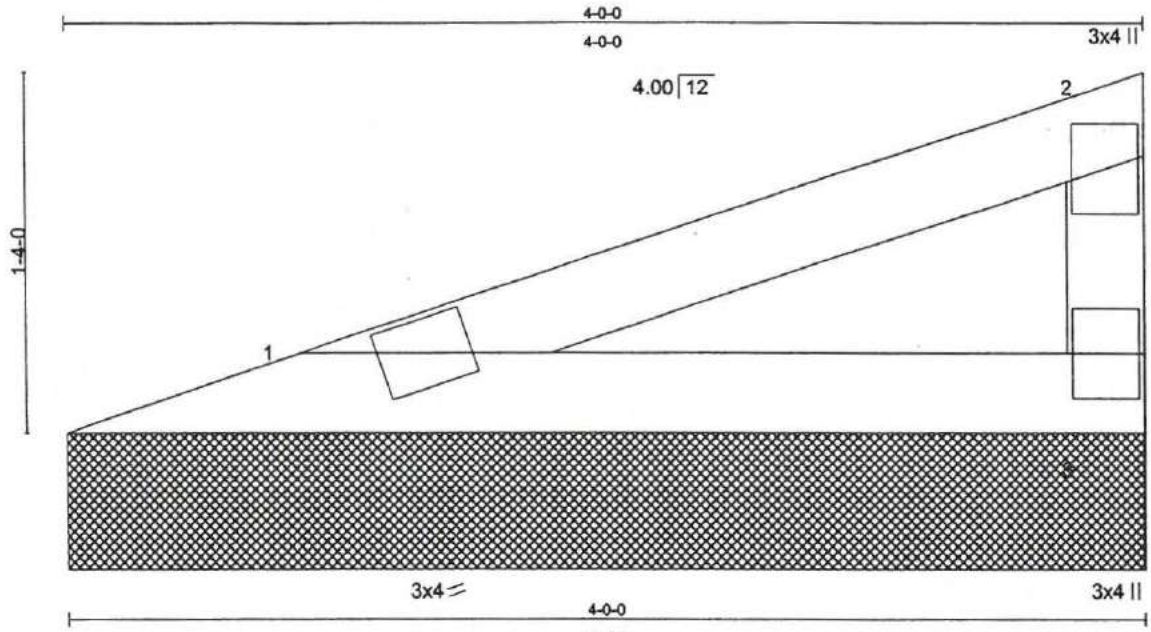
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	V4	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:38 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.30	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.07	Vert(TL)	n/a	-	n/a		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 12 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=163/4-0-0, 3=163/4-0-0
Max Horz 1=95(load case 2)
Max Uplift1=-82(load case 2), 3=-114(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=34, 2-3=-133
BOT CHORD 1-3=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Gable requires continuous bottom chord bearing.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 82 lb uplift at joint 1 and 114 lb uplift at joint 3.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

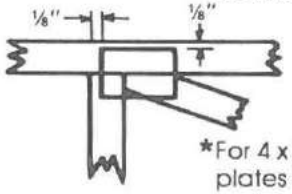
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

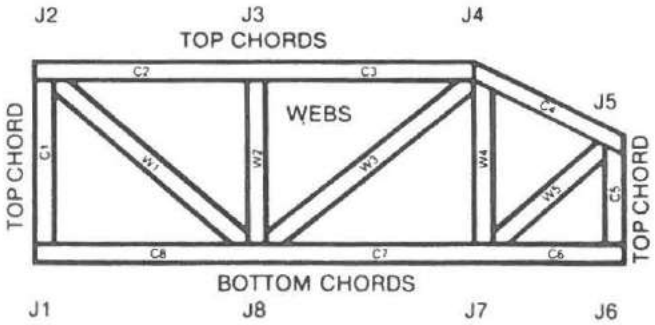
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	V21	ROOF TRUSS	1	1	

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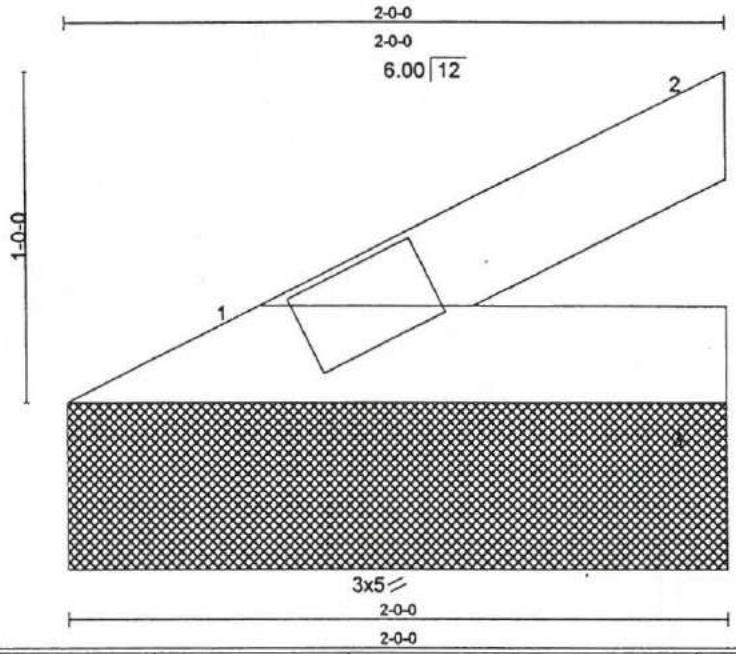


LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.49	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.01	Vert(TL)	0.02	1-2	>933		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horz(TL)	0.00		n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 5 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.3
BOT CHORD 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=142/2-0-0, 3=10/2-0-0
Max Horz 1=105(load case 4)
Max Uplift1=-173(load case 4)

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

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Gable requires continuous bottom chord bearing.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 173 lb uplift at joint 1.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

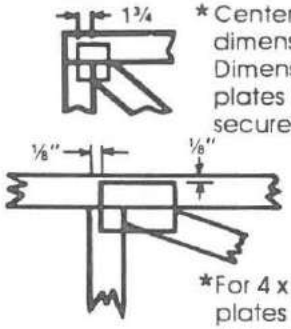
LOAD CASE(S) Standard

ENG - CHAI TAN CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

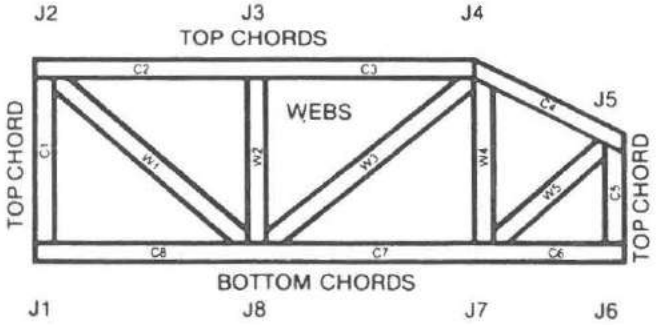
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	Q	MONO TRUSS	12	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:33 2001 Page 1

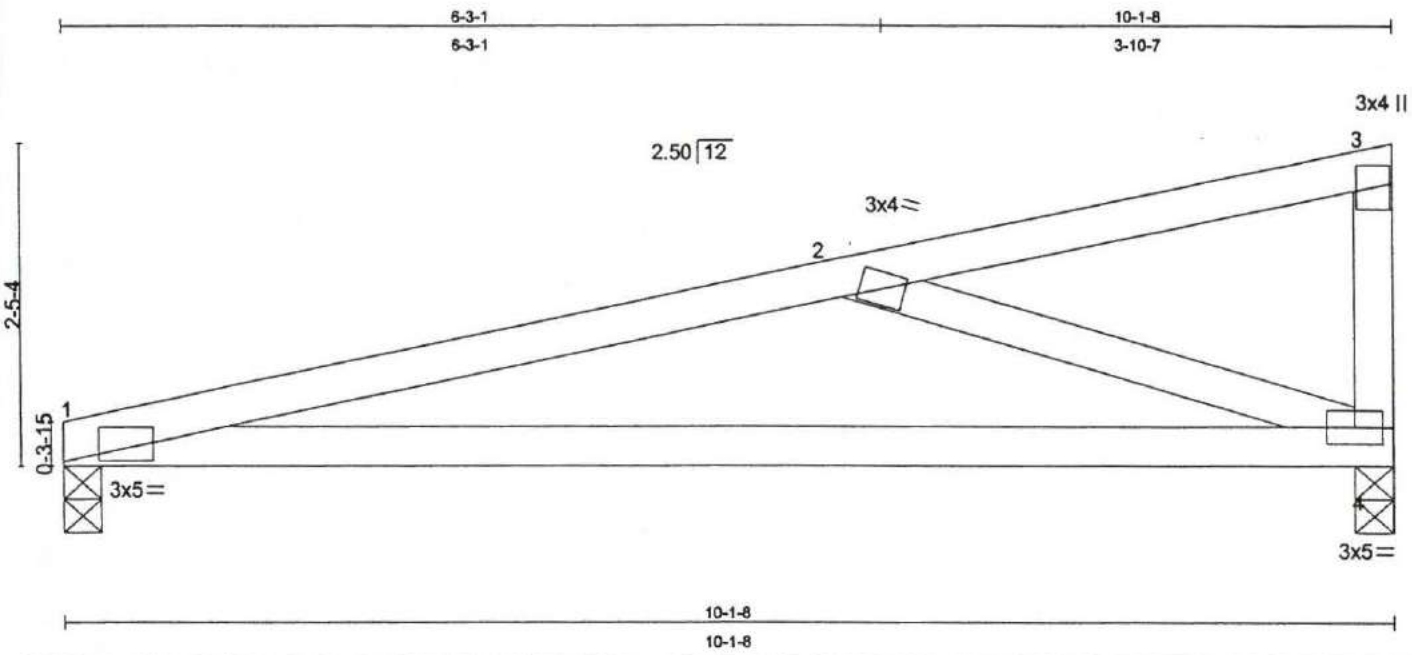


Plate Offsets (X,Y): [1:0-0-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.60	Vert(LL)	0.14	1-4	>861	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.58	Vert(TL)	-0.32	1-4	>374		
BCLL	0.0	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.02	4	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 39 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-4-2 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-11-8 on center bracing.

REACTIONS (lb/size) 1=541/0-3-8, 4=541/0-3-8
Max Horz 1=203(load case 2)
Max Uplift1=-303(load case 2), 4=-347(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-1163, 2-3=-180, 3-4=-113
BOT CHORD 1-4=1101
WEBS 2-4=-1016

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 303 lb uplift at joint 1 and 347 lb uplift at joint 4.
4) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

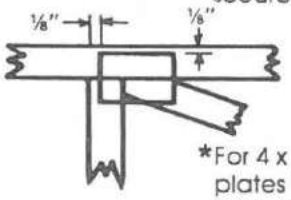
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

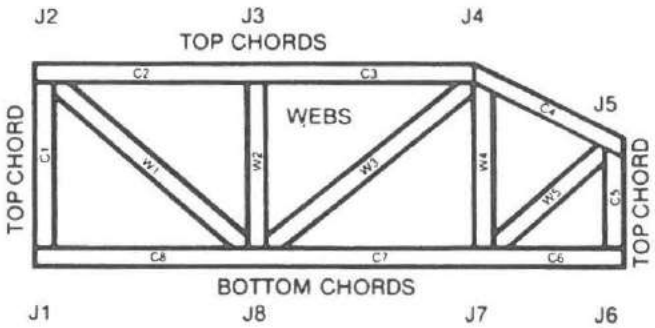
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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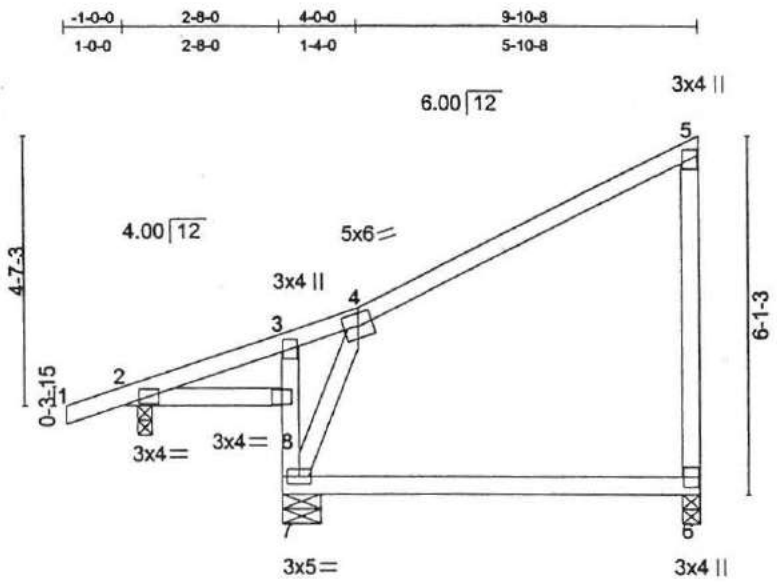
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	M	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce FL 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:30 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.61	Vert(LL)	0.02	6-7	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.34	Vert(TL)	-0.07	6-7	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.17	Horz(TL)	0.05	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 48 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 6-8-10 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 6=320/0-3-8, 2=116/0-3-0, 7=720/0-8-0
Max Horz 2=452(load case 4)
Max Uplift6=-247(load case 4), 2=-175(load case 2), 7=-537(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=358, 3-4=168, 4-5=-175, 5-6=-232
BOT CHORD 2-8=-299, 7-8=-236, 3-8=-183, 6-7=54
WEBS 4-7=-471

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 247 lb uplift at joint 6, 175 lb uplift at joint 2 and 537 lb uplift at joint 7.
4) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

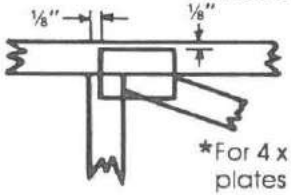
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

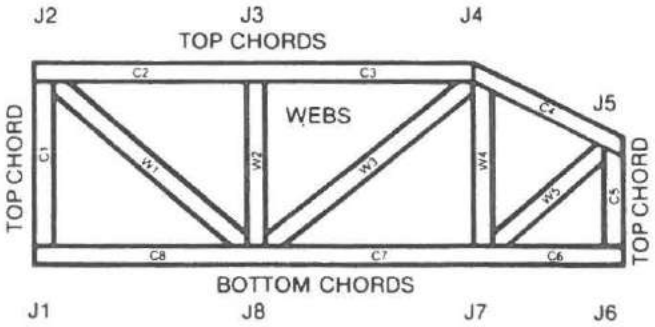
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	L	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:28 2001 Page 1

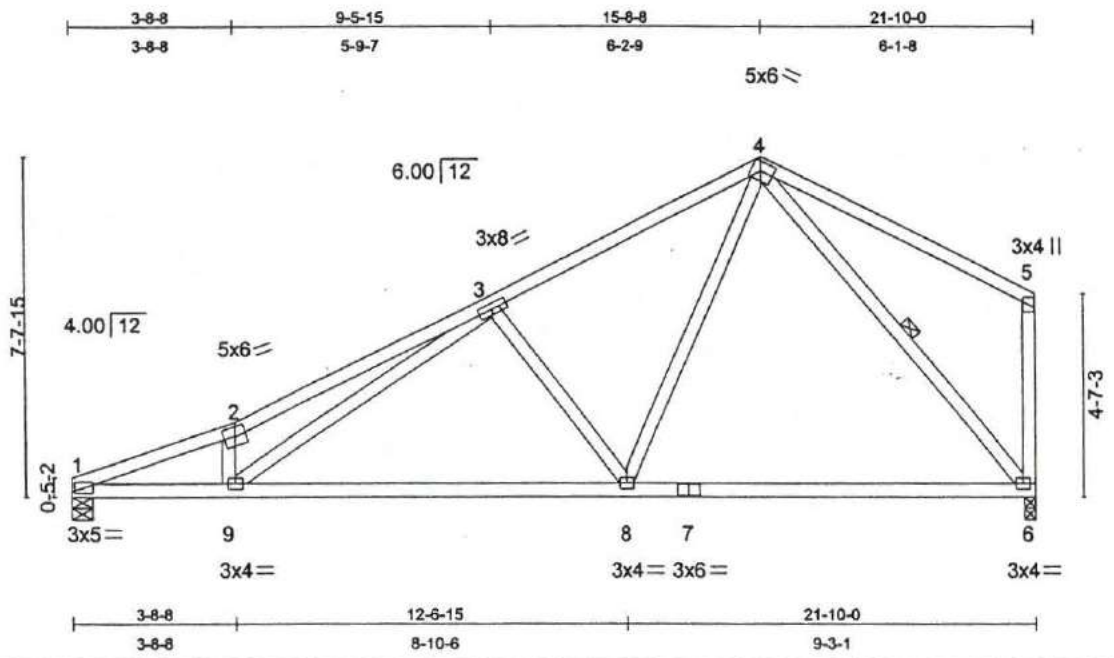


Plate Offsets (X,Y): [4:0-3-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.99	Vert(LL)	0.24	8-9	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.59	Vert(TL)	-0.37	8-9	>701		
BCLL	0.0	Rep Stress Incr	YES	WB	0.92	Horz(TL)	0.05	6	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 120 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-6-14 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-1-4 on center bracing.
WEBS 1 Row at midpt 4-6

REACTIONS (lb/size) 1=1185/0-5-8, 6=1185/0-3-0
Max Horz 1=525(load case 4)
Max Uplift 1=-612(load case 4), 6=-602(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-2929, 2-3=-3196, 3-4=-1335, 4-5=-190, 5-6=-286
BOT CHORD 1-9=2688, 8-9=1532, 7-8=731, 6-7=731
WEBS 2-9=-762, 3-9=1522, 3-8=-769, 4-8=895, 4-6=-1047

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 612 lb uplift at joint 1 and 602 lb uplift at joint 6.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

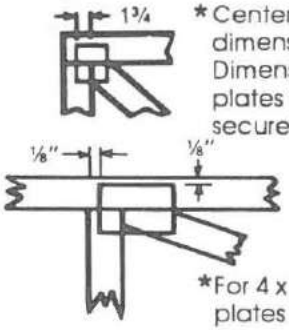
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

SEP 04 2001

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

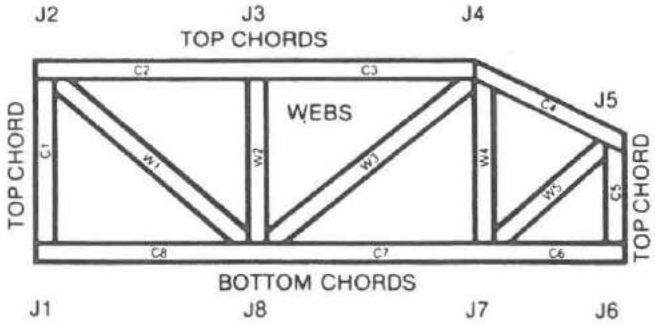
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	K	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:25 2001 Page 1

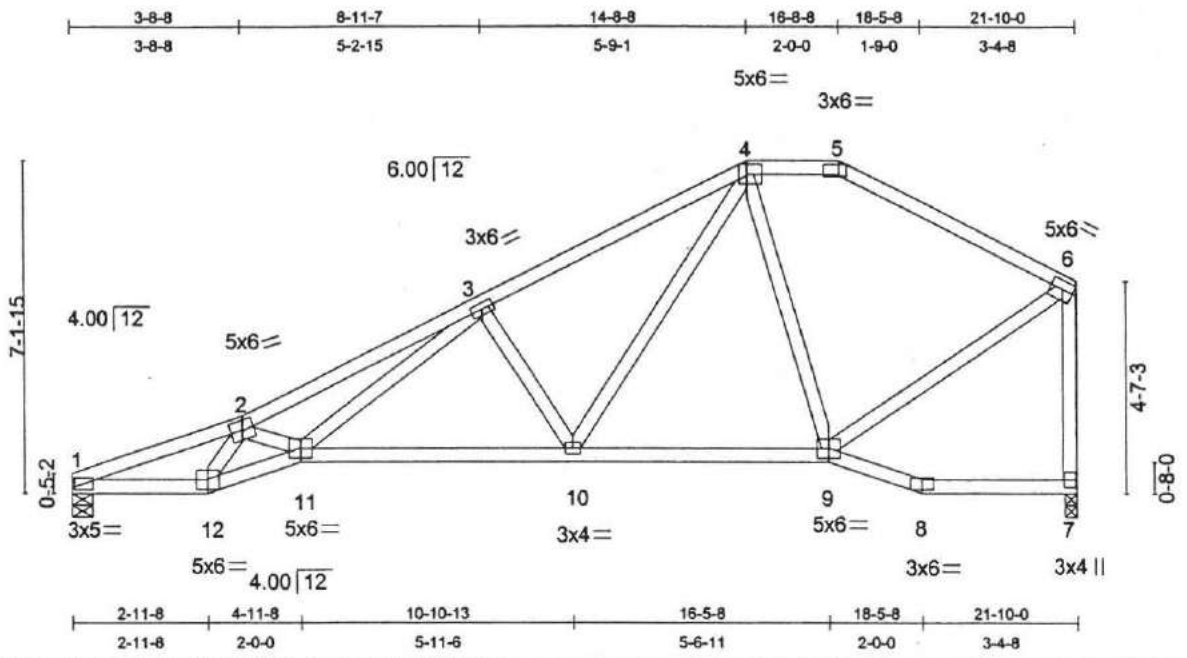


Plate Offsets (X,Y): [4:0-4-0,0-2-8], [5:0-4-0,0-2-8], [6:edge,0-2-4], [8:0-3-0,0-1-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 1.00	Vert(LL) 0.29 10-11 >877	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.73	Vert(TL) -0.34 10-11 >769	
BCLL 0.0	Rep Stress Incr YES	WB 0.72	Horz(TL) 0.10 7 n/a	
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	Weight: 121 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 3-6-15 on center bracing.

REACTIONS (lb/size) 1=1185/0-5-8, 7=1185/0-3-0
Max Horz 1=507(load case 4)
Max Uplift 1=-627(load case 4), 7=-622(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-2867, 2-3=-3733, 3-4=-1785, 4-5=-795, 5-6=-976, 6-7=-1132
BOT CHORD 1-12=2628, 11-12=3376, 10-11=1937, 9-10=918, 8-9=48, 7-8=33
WEBS 2-12=-1172, 2-11=75, 3-11=1720, 3-10=-900, 4-10=1075, 4-9=-455, 6-9=931

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 627 lb uplift at joint 1 and 622 lb uplift at joint 7.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

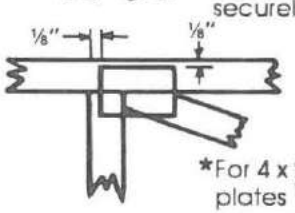
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

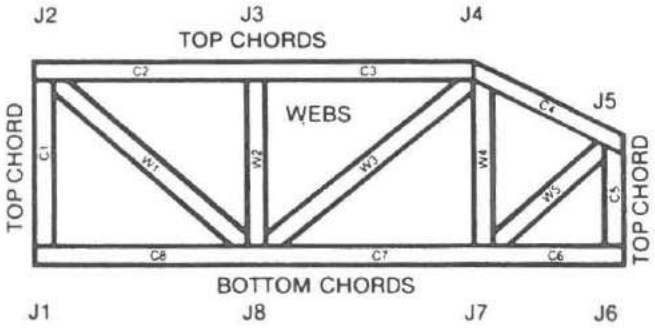
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	J	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:21 2001 Page 1

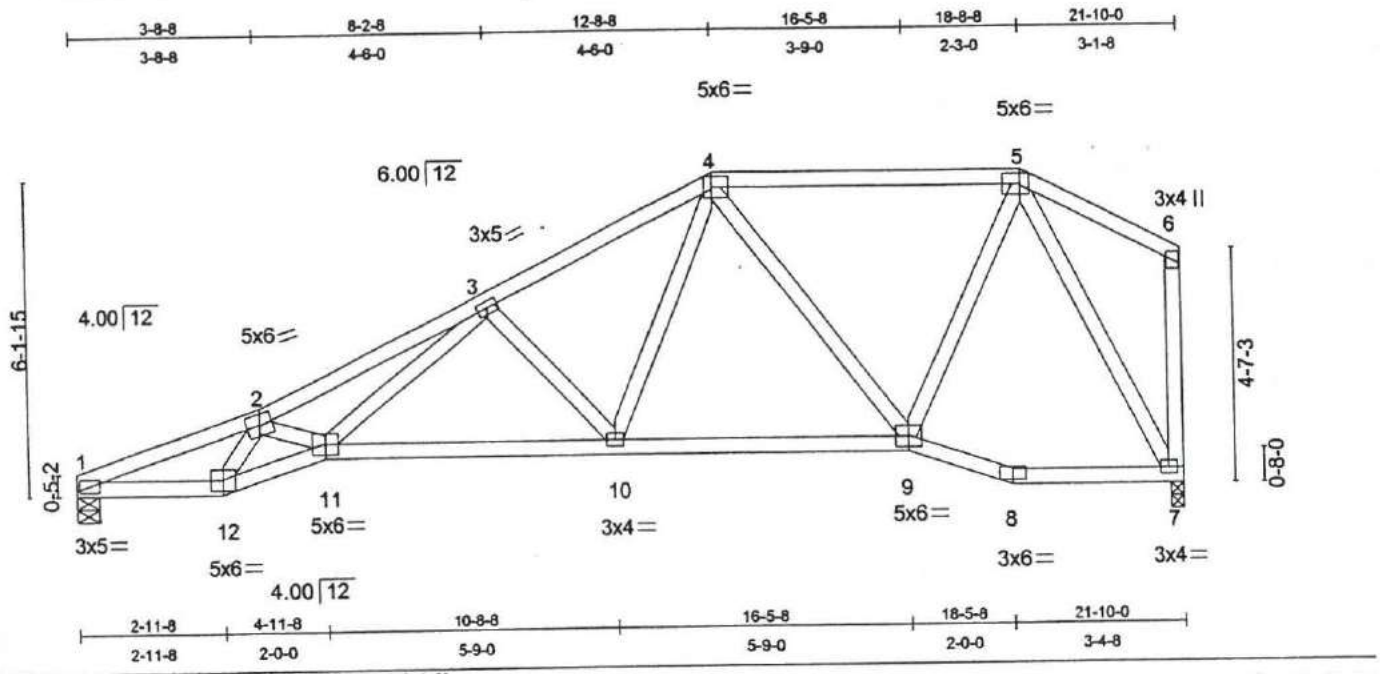


Plate Offsets (X,Y): [4:0-4-0,0-2-8], [5:0-4-0,0-2-8], [8:0-3-0,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.73	Vert(LL)	0.26	10-11	>979	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.73	Vert(TL)	-0.30	10-11	>862		
BCLL	0.0	Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.12	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 124 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-6-15 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-6-12 on center bracing.

REACTIONS (lb/size) 1=1185/0-5-8, 7=1185/0-3-0
Max Horz 1=472(load case 4)
Max Uplift1=-650(load case 4), 7=-669(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-2864, 2-3=-3731, 3-4=-1799, 4-5=-865, 5-6=102, 6-7=-59
BOT CHORD 1-12=2625, 11-12=3369, 10-11=2067, 9-10=1234, 8-9=584, 7-8=574
WEBS 2-12=-1166, 2-11=86, 3-11=1613, 3-10=-820, 4-10=840, 4-9=-629, 5-9=731, 5-7=-1286

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 650 lb uplift at joint 1 and 669 lb uplift at joint 7.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

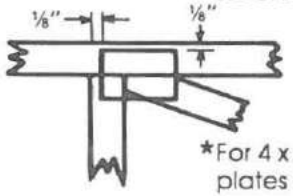
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

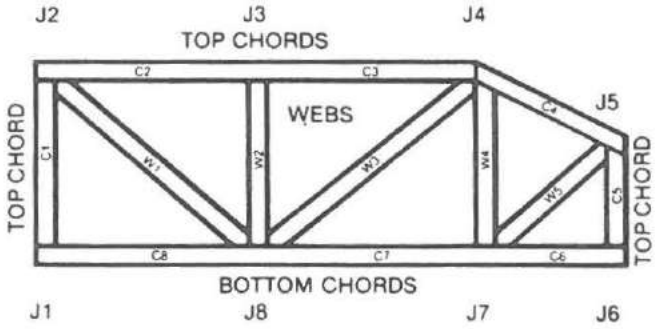
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

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PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	I	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:18 2001 Page 1

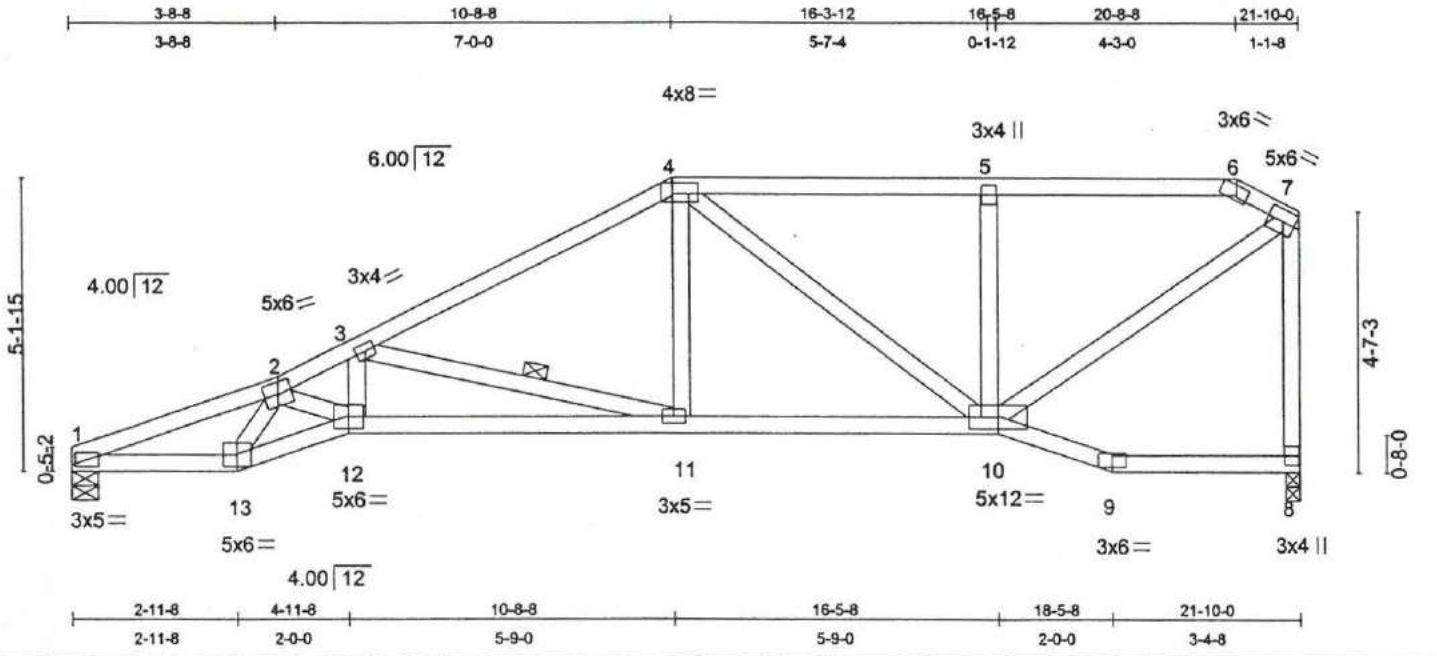


Plate Offsets (X,Y): [4:0-5-8,0-2-4], [6:0-3-0,0-0-7], [9:0-3-0,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.74	Vert(LL)	0.30	11-12	>870	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.76	Vert(TL)	-0.33	11-12	>779		
BCLL	0.0	Rep Stress Incr	YES	WB	0.69	Horz(TL)	-0.11	8	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 118 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-8-11 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-6-12 on center bracing.
WEBS 1 Row at midpt 3-11

REACTIONS (lb/size) 1=1185/0-5-8, 8=1185/0-3-0
Max Horz 1=437(load case 4)
Max Uplift1=-665(load case 4), 8=-725(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-2830, 2-3=-3806, 3-4=-1877, 4-5=-1178, 5-6=-1179, 6-7=-1193, 7-8=-1132
BOT CHORD 1-13=2585, 12-13=3306, 11-12=3318, 10-11=1610, 9-10=-9, 8-9=-13
WEBS 2-13=-1127, 2-12=327, 3-11=-1777, 4-11=554, 5-10=-394, 7-10=1445, 3-12=953, 4-10=-540

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 665 lb uplift at joint 1 and 725 lb uplift at joint 8.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

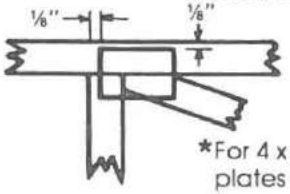
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

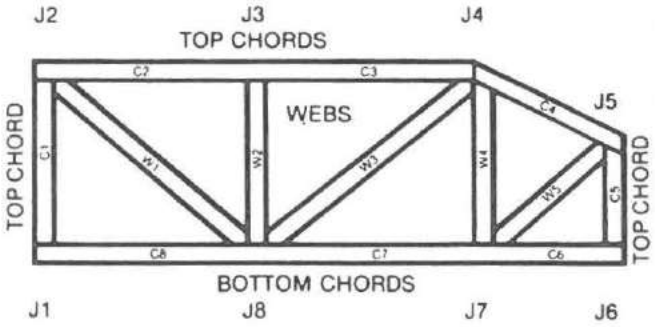
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	H9	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423

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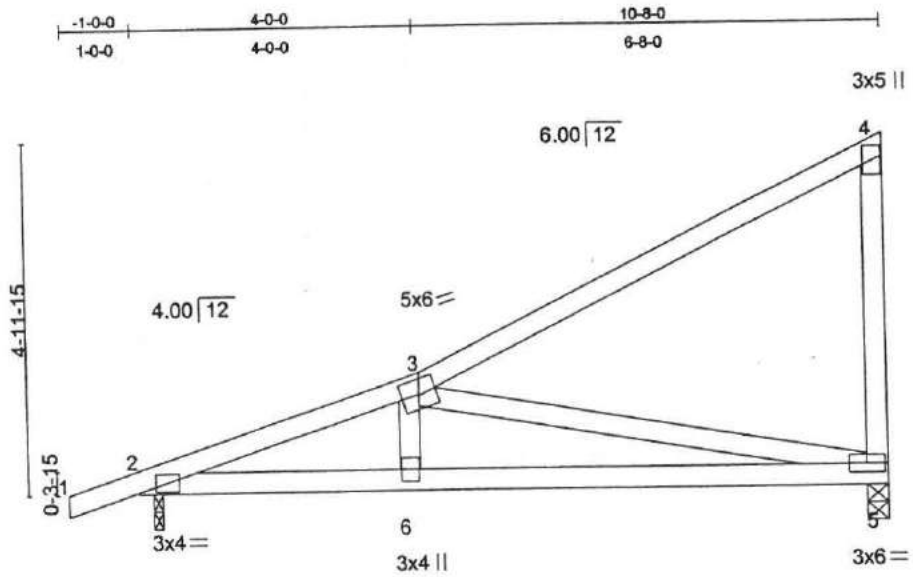


LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.83	Vert(LL) 0.07 6 >999	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.54	Vert(TL) -0.09 5-6 >999	
BCLL 0.0	Rep Stress Incr YES	WB 0.90	Horz(TL) 0.02 5 n/a	
BCDL 10.0	Code SBC/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 53 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-6-13 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-2-9 on center bracing.

REACTIONS (lb/size) 5=565/0-3-8, 2=679/0-1-8
Max Horz 2=490(load case 4)
Max Uplift5=-433(load case 4), 2=-404(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-1291, 3-4=-218, 4-5=-253
BOT CHORD 2-6=1181, 5-6=1172
WEBS 3-6=81, 3-5=-1118

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 2.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 433 lb uplift at joint 5 and 404 lb uplift at joint 2.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

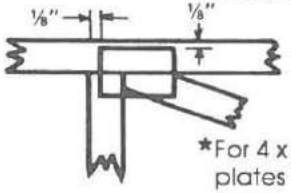
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

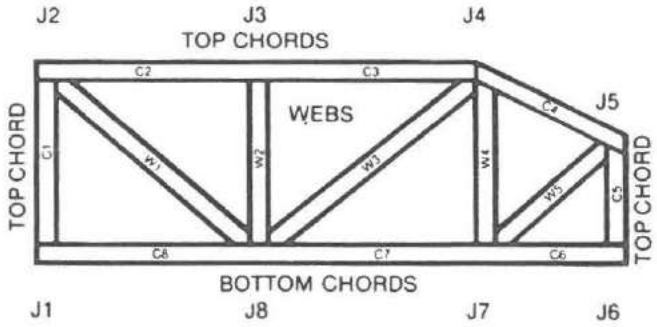
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	H5	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423

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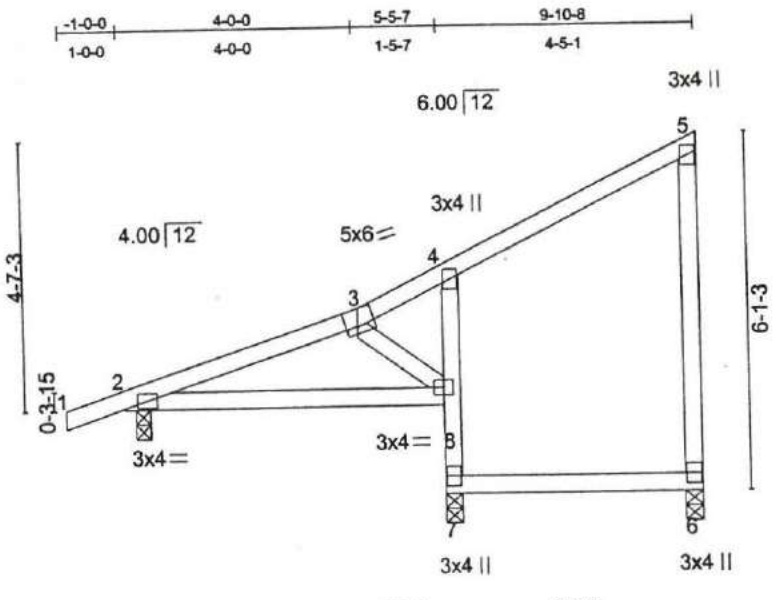


LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.39	Vert(LL) 0.01 2-8 >999	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.46	Vert(TL) -0.03 2-8 >999	
BCLL 0.0	Rep Stress Incr YES	WB 0.07	Horz(TL) -0.01 6 n/a	
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	Weight: 49 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 7-11-3 on center bracing.

REACTIONS (lb/size) 6=199/0-3-8, 2=393/0-3-0, 7=565/0-3-8
Max Horz 2=452(load case 4)
Max Uplift6=-162(load case 4), 2=-280(load case 2), 7=-412(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-288, 3-4=-38, 4-5=59, 5-6=-161
BOT CHORD 2-8=220, 7-8=-521, 4-8=-273, 6-7=15
WEBS 3-8=-285

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 162 lb uplift at joint 6, 280 lb uplift at joint 2 and 412 lb uplift at joint 7.
4) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

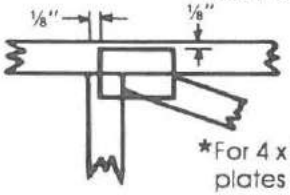
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

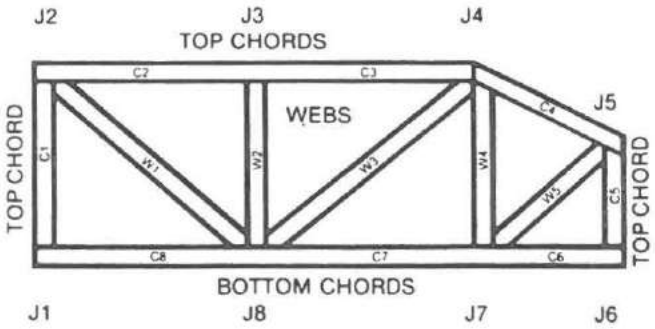
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	H1	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce FL 34982-6423

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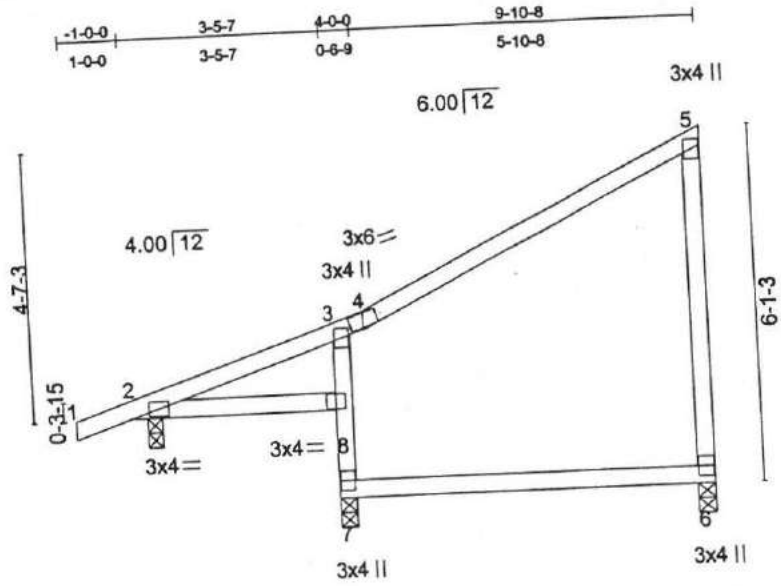


LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.64	Vert(LL) -0.03 6-7 >999	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.42	Vert(TL) -0.04 6-7 >999	
BCLL 0.0	Rep Stress Incr YES	WB 0.00	Horz(TL) -0.02 6 n/a	Weight: 44 lb
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 7-8-13 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-6-6 on center bracing.

REACTIONS (lb/size) 6=295/0-3-8, 2=235/0-3-0, 7=628/0-3-8
Max Horz 2=452(load case 4)
Max Uplift6=-234(load case 4), 2=-221(load case 2), 7=-452(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=148, 3-4=-134, 4-5=67, 5-6=-230
BOT CHORD 2-8=-79, 7-8=-570, 3-8=-542, 6-7=41

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 234 lb uplift at joint 6, 221 lb uplift at joint 2 and 452 lb uplift at joint 7.
4) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

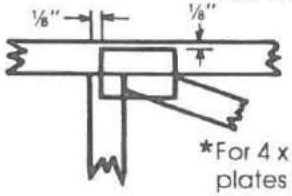
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

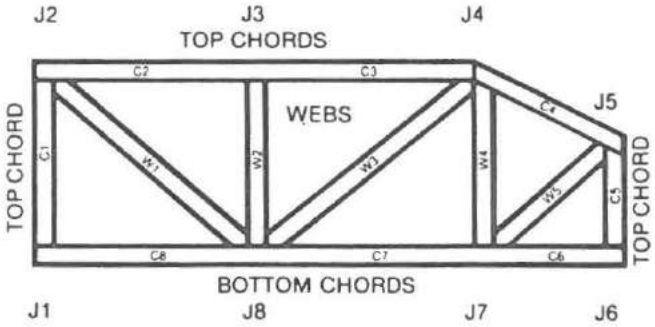
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

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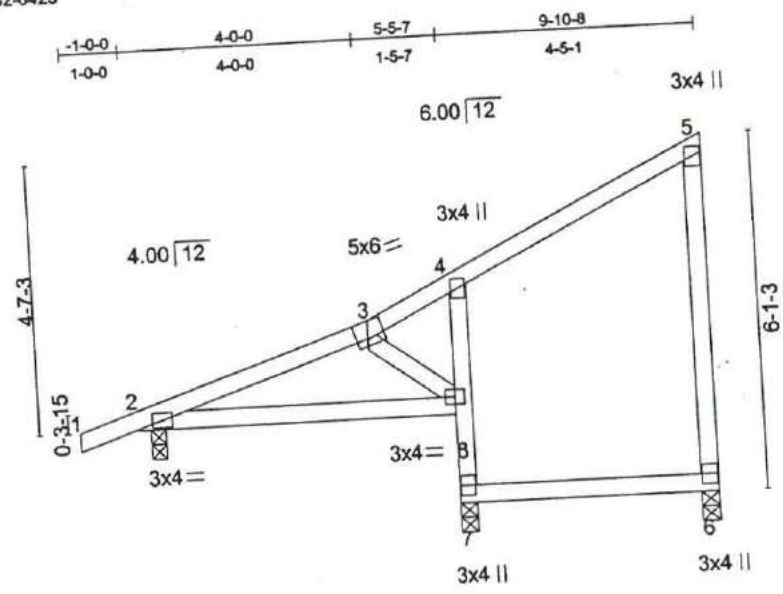
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilla Const / Baum
49597	H	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl, 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:04:07 2001 Page 1



LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.39	Vert(LL) 0.01 2-8 >999	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.46	Vert(TL) -0.03 2-8 >999	
BCLL 0.0	Rep Stress Incr YES	WB 0.07	Horz(TL) -0.01 6 n/a	
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	Weight: 49 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 7-11-3 on center bracing.

REACTIONS (lb/size) 6=199/0-3-8, 2=393/0-3-0, 7=565/0-3-8
Max Horz 2=452(load case 4)
Max Uplift6=-162(load case 4), 2=-280(load case 2), 7=-412(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-288, 3-4=-38, 4-5=59, 5-6=-161
BOT CHORD 2-8=220, 7-8=-521, 4-8=-273, 6-7=15
WEBS 3-8=-285

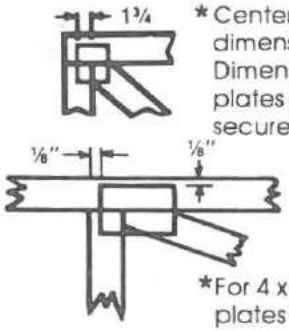
NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) All plates are M20 plates unless otherwise indicated.
3) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 162 lb uplift at joint 6, 280 lb uplift at joint 2 and 412 lb uplift at joint 7.
4) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

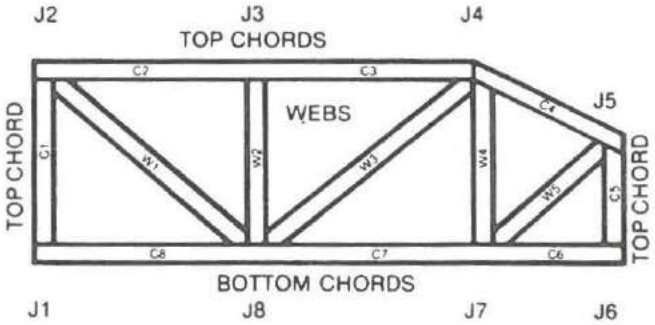
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Foglia Const / Baum
49597	GRZ	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423

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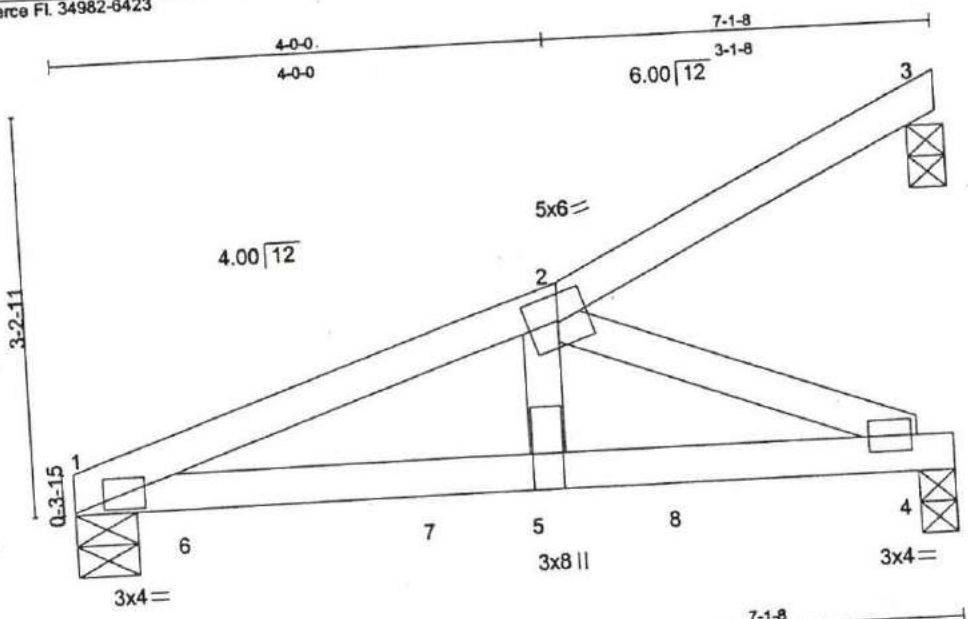


LOADING (psf)	SPACING	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	2-0-0	TC 0.55	Vert(LL) 0.11 1-5 >706	M20 249/190
TCDL 15.0	Plates Increase 1.33	BC 0.76	Vert(TL) -0.14 1-5 >569	
BCLL 0.0	Lumber Increase 1.33	WB 0.53	Horz(TL) -0.03 3 n/a	
BCDL 10.0	Rep Stress Incr NO	(Matrix)	1st LC LL Min l/defl = 360	Weight: 28 lb
	Code SBC/SBCCI			

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-1-1 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 5-5-4 on center bracing.

REACTIONS (lb/size) 1=1622/0-6-0, 3=195/0-3-8, 4=1118/0-3-8
Max Horz 1=236(load case 2)
Max Uplift1=-840(load case 4), 3=-201(load case 5), 4=-569(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-2418, 2-3=87
BOT CHORD 1-6=2237, 6-7=2237, 5-7=2237, 5-8=2073, 4-8=2073
WEBS 2-5=1538, 2-4=-2298

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 840 lb uplift at joint 1, 201 lb uplift at joint 3 and 569 lb uplift at joint 4.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

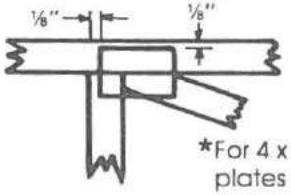
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 1-6=-20.0, 6-7=-20.0, 5-7=-20.0, 5-8=-20.0, 4-8=-20.0
Concentrated Loads (lb)
Vert: 6=-767 7=-706 8=-706

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

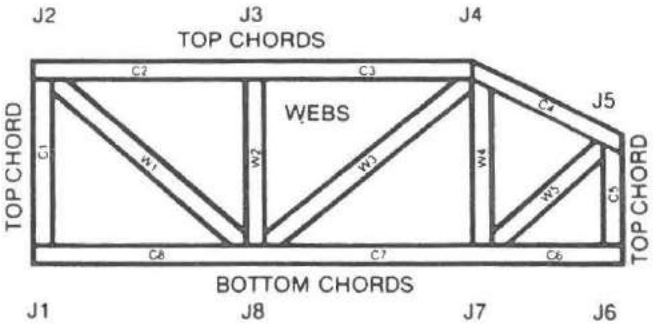
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilla Const/ Saum
49597	GRY	ROOF TRUSS	1	2	

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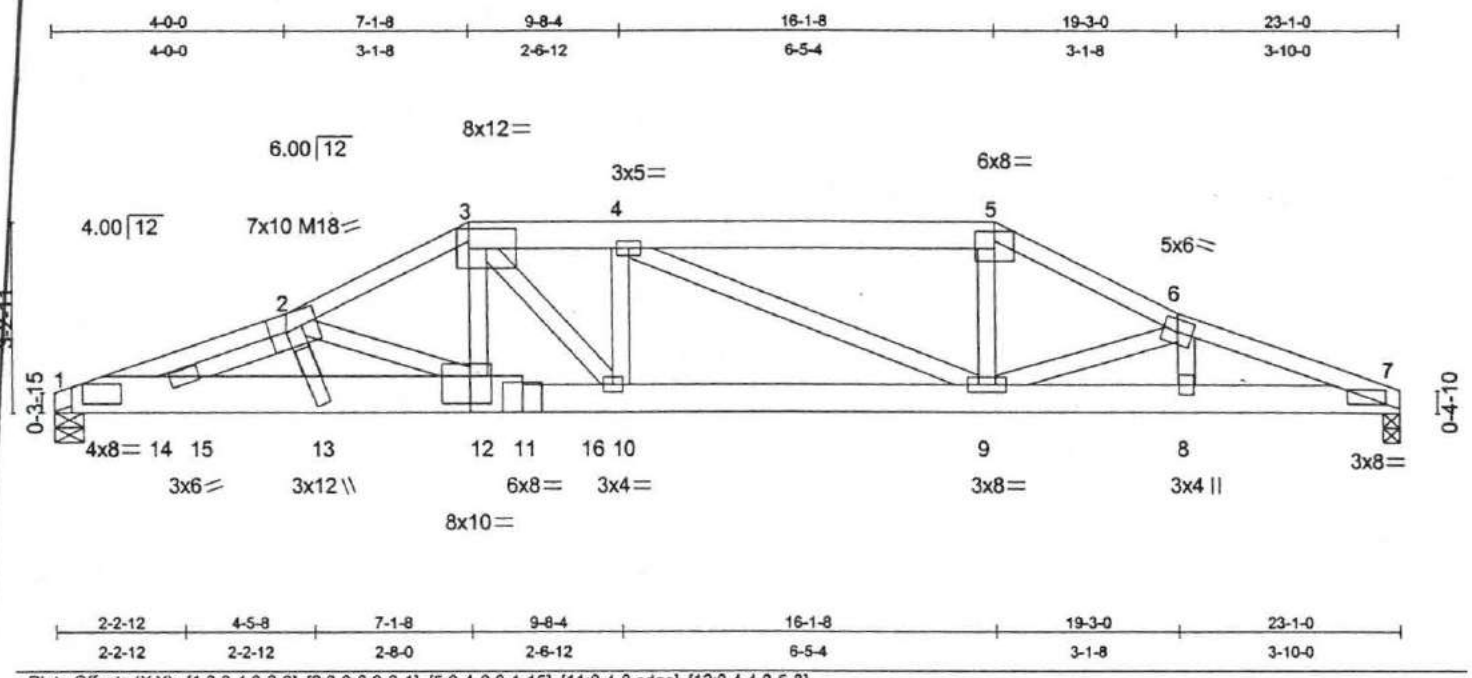


Plate Offsets (X,Y): [1:0-3-4,0-2-0], [2:0-0-0,0-0-1], [5:0-4-0,0-1-15], [11:0-4-0,edge], [12:0-4-4,0-5-8]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.99	Vert(LL)	0.42 12-13	>645	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.85	Vert(TL)	-0.47 12-13	>584	M18	195/188
BCLL	0.0	Rep Stress Incr	NO	WB	0.96	Horz(TL)	0.10 7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360			Weight: 330 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
1-2 2 X 4 SYP No.2D, 3-5 2 X 6 SYP No.2
BOT CHORD 2 X 8 SYP 2400F 2.0E *Except*
7-11 2 X 6 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
3-12 2 X 4 SYP No.2ND
LBR SCAB 1-12 2 X 8 SYP X 2400F 2.0E one side

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing. Except:
7-7-7 on center bracing: 10-12
8-0-7 on center bracing: 9-10.

REACTIONS (lb/size) 1=7627/0-6-0, 7=3269/0-3-8
Max Horz 1=-103(load case 5)
Max Uplift1=-4943(load case 4), 7=-1867(load case 3)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-13906, 2-3=-13884, 3-4=-11993, 4-5=-7356, 5-6=-8013, 6-7=-8616
BOT CHORD 1-14=13218, 14-15=19187, 13-15=19187, 12-13=21334, 11-12=12839, 11-16=12842, 10-16=12842, 9-10=11992, 8-9=8132, 7-8=8076
WEBS 2-14=-6787, 2-13=4923, 2-12=-9429, 3-12=6669, 3-10=-1258, 4-10=1593, 4-9=-5065, 5-9=2953, 6-9=-999, 6-8=-497

NOTES
1) 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows: Top chords connected with 2 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) Special connection required to distribute bottom chord loads equally between all plies.
3) This truss has been checked for unbalanced loading conditions.
4) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
5) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
6) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
7) Provide adequate drainage to prevent water ponding.
8) All plates are M20 plates unless otherwise indicated.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4943 lb uplift at joint 1 and 1867 lb uplift at joint 7.
10) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-90.0, 5-6=-90.0, 6-7=-90.0, 1-14=-20.0, 14-15=-20.0, 13-15=-20.0, 12-13=-20.0, 11-12=-20.0, 11-16=-20.0, 10-16=-20.0, 9-10=-20.0, 8-9=-20.0, 7-8=-20.0
Concentrated Loads (lb)
Vert: 13=-6031 12=-947 10=-1088 15=-129 16=-193

SEP 0 4 2001

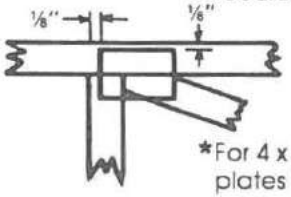
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

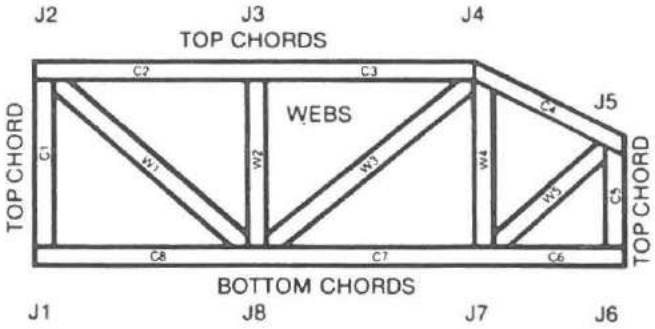
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	GRXX	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:57 2001 Page 1

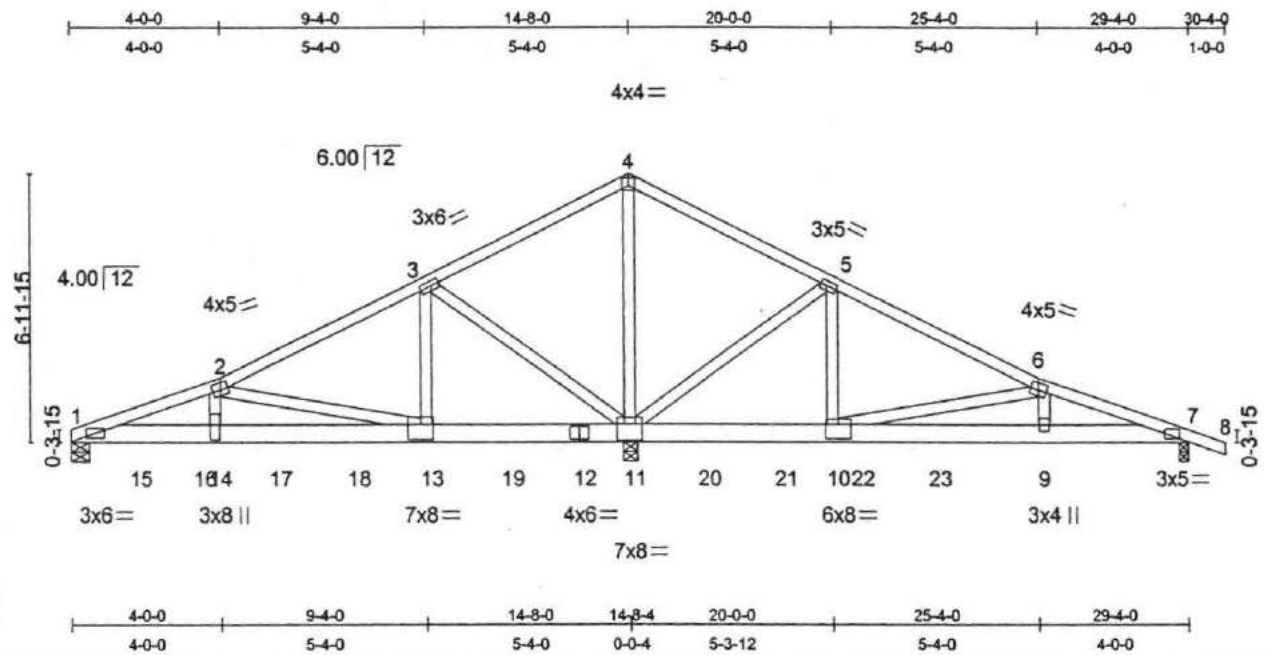

Plate Offsets (X,Y): [2:0-2-8,0-2-4], [3:0-2-8,0-1-8], [4:0-2-0,0-2-8], [5:0-1-12,0-1-8], [6:0-2-8,0-2-4], [7:0-2-14,0-0-14], [10:0-4-0,0-4-8], [11:0-4-0,0-5-0], [13:0-4-0,0-4-12], [14:0-1-8,0-4-12]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.78	Vert(LL) 0.17 13-14 >999	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.94	Vert(TL) -0.21 13-14 >833	
BCLL 0.0	Rep Stress Incr NO	WB 0.88	Horz(TL) 0.03 7 n/a	
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	Weight: 351 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 6 SYP No.2 *Except*
7-12 2 X 6 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-7-11 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 8-9-2 on center bracing.

REACTIONS (lb/size) 1=2689/0-6-0, 11=13947/0-5-12 (input: 0-4-8), 7=675/0-3-0
Max Horz 1=-292(load case 5)
Max Uplift1=-1454(load case 4), 11=-8221(load case 4), 7=-597(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-6290, 2-3=827, 3-4=5329, 4-5=5331, 5-6=1222, 6-7=-1913, 7-8=33
BOT CHORD 1-15=5934, 15-16=5934, 14-16=5934, 14-17=5548, 17-18=5548, 13-18=5548, 13-19=-625, 12-19=-625, 11-12=-625, 11-20=-986, 20-21=-986, 10-21=-986, 10-22=1610, 22-23=1610, 9-23=1610, 7-9=1761
WEBS 2-14=3394, 2-13=-6347, 3-13=4474, 3-11=-5035, 4-11=-5132, 5-11=-4587, 5-10=4051, 6-10=-2669, 6-9=1330

NOTES
1) 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 2 row(s) at 0-4-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been checked for unbalanced loading conditions.
3) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
4) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) All plates are M20 plates unless otherwise indicated.
6) WARNING: Required bearing size at joint(s) 11 greater than input bearing size.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1454 lb uplift at joint 1, 8221 lb uplift at joint 11 and 597 lb uplift at joint 7.
8) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-90.0, 5-6=-90.0, 6-7=-90.0, 7-8=-90.0, 1-15=-20.0, 15-16=-20.0, 14-16=-20.0, 14-17=-20.0, 17-18=-20.0, 13-18=-20.0, 13-19=-20.0, 12-19=-20.0, 11-12=-20.0, 11-20=-20.0, 20-21=-20.0, 10-21=-20.0, 10-22=-20.0, 22-23=-20.0, 9-23=-20.0, 7-9=-20.0
Concentrated Loads (lb)
Vert: 12=-991 13=-991 11=-991 15=-706 16=-2194 17=-991 18=-991 19=-1013 20=-991 21=-991 22=-991 23=-2174

SEP 0 4 2001

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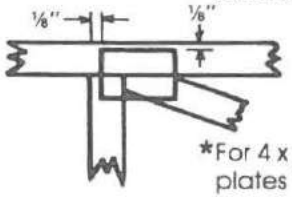
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

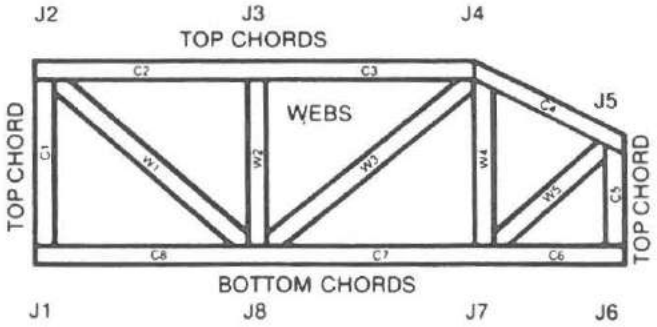
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	GRW	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:54 2001 Page 1

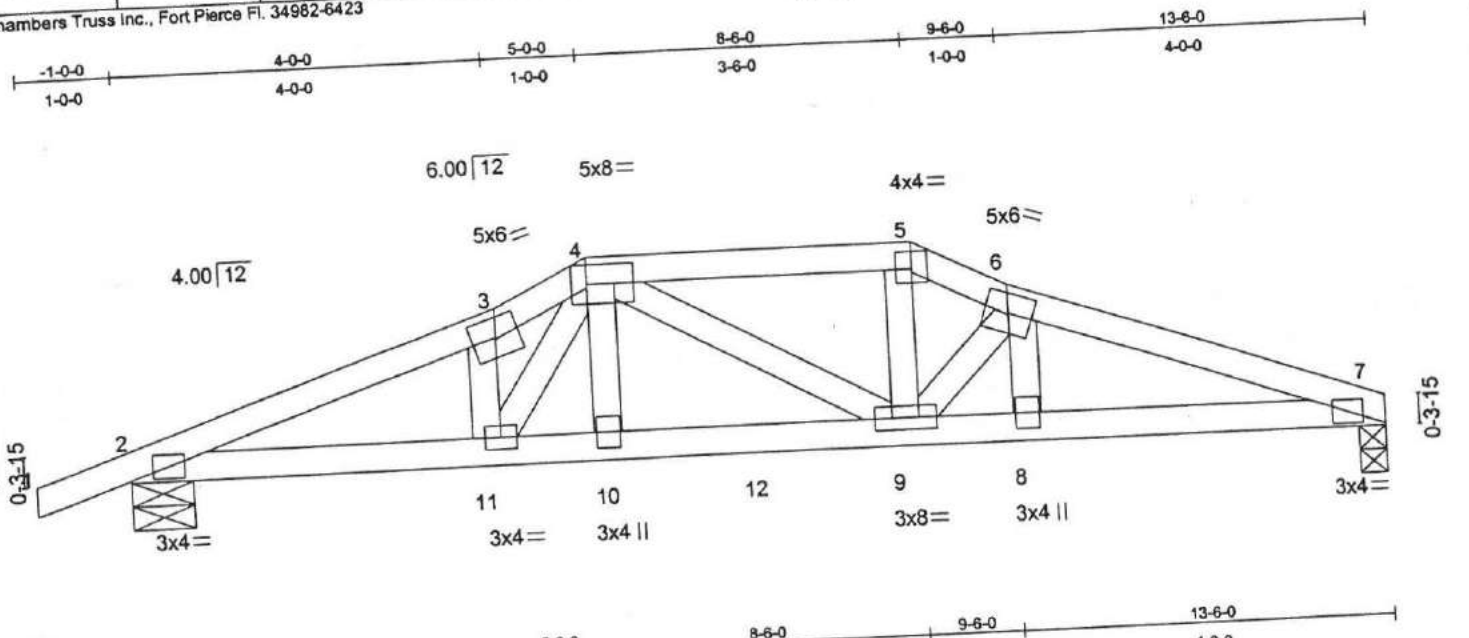


Plate Offsets (X,Y): [4:0-6-0,0-2-8], [5:0-2-0,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.44	Vert(LL)	0.09	10	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.46	Vert(TL)	-0.11	9-10	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.16	Horz(TL)	0.03	7	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 61 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-11-0 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 5-11-11 on center bracing.

REACTIONS (lb/size) 7=787/0-3-8, 2=899/0-8-0
Max Horz 2=112(load case 4)
Max Uplift7=-433(load case 3), 2=-625(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=26, 2-3=-1783, 3-4=-1865, 4-5=-1405, 5-6=-1545, 6-7=-1825
BOT CHORD 2-11=1623, 10-11=1395, 10-12=1406, 9-12=1406, 8-9=1662, 7-8=1667
WEBS 3-11=-432, 4-11=523, 4-10=146, 4-9=-1, 5-9=474, 6-9=-456, 6-8=46

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 433 lb uplift at joint 7 and 625 lb uplift at joint 2.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

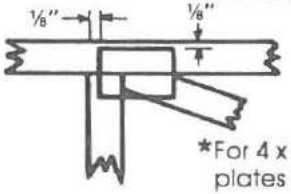
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-90.0, 5-6=-90.0, 6-7=-90.0, 2-11=-20.0, 10-11=-20.0, 10-12=-20.0, 9-12=-20.0, 8-9=-20.0, 7-8=-20.0
Concentrated Loads (lb)
Vert: 10=-51 9=-51 12=-27

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

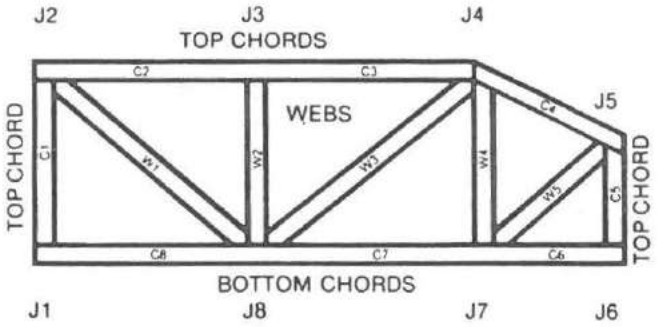
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilo Const / Baum
49597	GRU	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:50 2001 Page 1

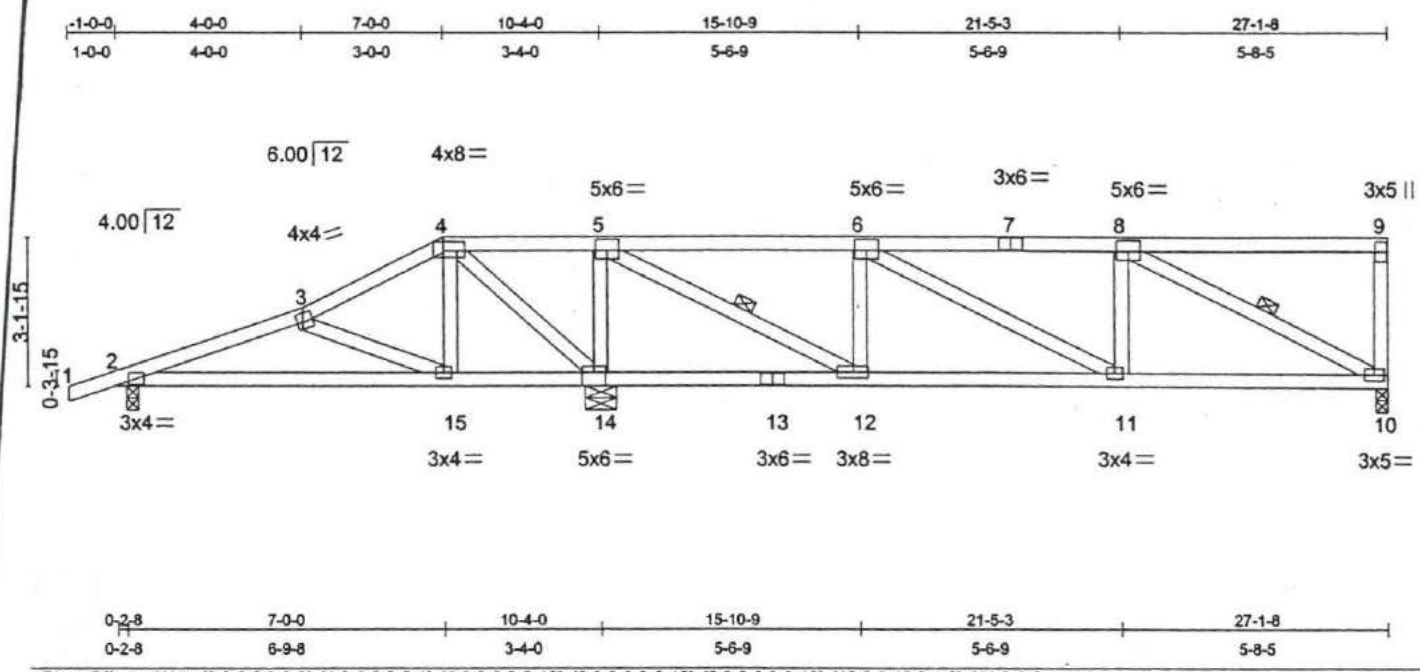


Plate Offsets (X,Y): [3:0-2-0,0-0-8], [4:0-5-8,0-2-4], [5:0-3-0,0-2-12], [6:0-3-0,0-2-12], [8:0-3-0,0-2-12], [12:0-3-12,0-1-8], [14:0-3-0,edge]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.73	Vert(LL)	0.15 11-12	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.72	Vert(TL)	-0.17 11-12	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.65	Horz(TL)	0.03 10	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360			Weight: 139 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
7-9 2 X 4 SYP SS, 4-7 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
9-10 2 X 4 SYP No.2ND, 5-12 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 3-8-13 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-6-14 on center bracing.
WEBS 1 Row at midpt 5-12, 8-10

REACTIONS (lb/size) 10=1620/0-3-0, 14=3990/0-8-0, 2=552/0-3-0
Max Horz 2=323(load case 4)
Max Uplift10=-1074(load case 2), 14=-2685(load case 4), 2=-330(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-560, 3-4=-85, 4-5=1475, 5-6=-1536, 6-7=-2098, 7-8=-2098, 8-9=-168, 9-10=-491
BOT CHORD 2-15=498, 14-15=32, 13-14=-1474, 12-13=-1474, 11-12=1536, 10-11=2098
WEBS 3-15=-532, 4-15=430, 4-14=-1984, 5-14=-2514, 5-12=3388, 6-12=-1327, 6-11=633, 8-11=-77, 8-10=-2173

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1074 lb uplift at joint 10, 2685 lb uplift at joint 14 and 330 lb uplift at joint 2.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-187.5, 5-6=-187.5, 6-7=-187.5, 7-8=-187.5, 8-9=-187.5, 2-15=-41.7, 14-15=-41.7, 13-14=-41.7, 12-13=-41.7, 11-12=-41.7, 10-11=-41.7
Concentrated Loads (lb)
Vert: 4=-578

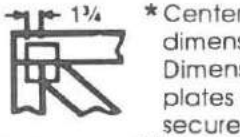
SEP 0 4 2001

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

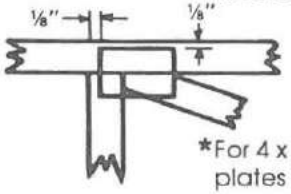
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^1/_8$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

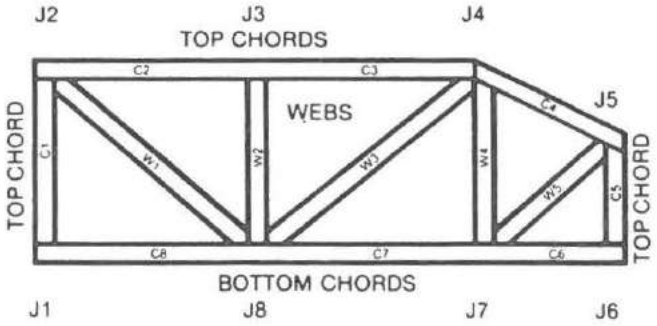
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
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ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^1/_4$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	GRS	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:47 2001 Page 1

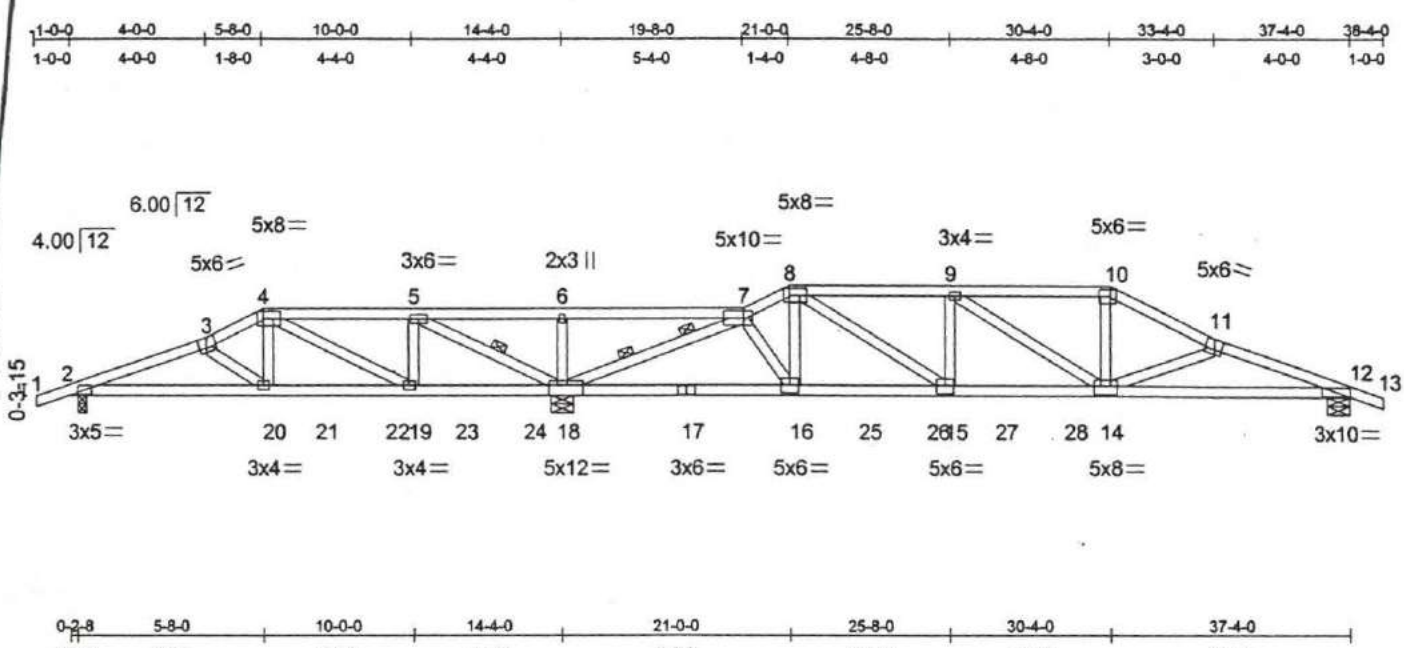


Plate Offsets (X,Y): [4:0-6-0,0-2-8], [7:0-7-0,0-2-8], [8:0-6-0,0-2-8], [10:0-4-0,0-2-8], [14:0-4-0,0-3-0], [15:0-3-0,0-2-12], [16:0-3-0,0-2-12], [18:0-3-0,edge], [19:0-1-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.91	Vert(LL)	0.52	14-15	>529	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.83	Vert(TL)	-0.55	14-15	>495		
BCLL	0.0	Rep Stress Incr	NO	WB	0.99	Horz(TL)	0.12	12	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 184 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
4-7 2 X 4 SYP SS, 11-13 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2ND *Except*
12-17 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3 *Except*
7-18 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 3-5-12 on center bracing.
WEBS 1 Row at midpt 5-18
2 Rows at 1/3 pts 7-18

REACTIONS (lb/size) 2=564/0-3-0, 18=5225/0-8-0, 12=2333/0-8-0
Max Horz 2=-120(load case 5)
Max Uplift2=-382(load case 4), 18=-3167(load case 4), 12=-1453(load case 3)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-799, 3-4=-509, 4-5=1142, 5-6=4371, 6-7=4371, 7-8=-3205, 8-9=-4841, 9-10=-4581, 10-11=-5036, 11-12=-5992, 12-13=27
BOT CHORD 2-20=698, 20-21=480, 21-22=480, 19-22=480, 19-23=-1142, 23-24=-1142, 18-24=-1142, 17-18=2132, 16-17=2132, 16-25=2878, 25-26=2878, 15-26=2878, 15-27=4840, 27-28=4840, 14-28=4840, 12-14=5582
WEBS 3-20=-336, 4-20=762, 4-19=-1818, 5-19=1309, 5-18=-3622, 6-18=-576, 7-18=-7032, 7-16=1347, 8-16=-149, 8-15=2302, 9-15=-232, 9-14=-308, 10-14=1824, 11-14=-1192

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 382 lb uplift at joint 2, 3167 lb uplift at joint 18 and 1453 lb uplift at joint 12.
7) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-90.0, 5-6=-90.0, 6-7=-90.0, 7-8=-90.0, 8-9=-90.0, 9-10=-90.0, 10-11=-90.0, 11-12=-90.0, 12-13=-90.0, 2-20=-20.0, 20-21=-20.0, 21-22=-20.0, 19-22=-20.0, 19-23=-20.0, 23-24=-20.0, 18-24=-20.0, 17-18=-20.0, 16-17=-20.0, 16-25=-20.0, 25-26=-20.0, 15-26=-20.0, 15-27=-20.0, 27-28=-20.0, 14-28=-20.0, 12-14=-20.0
Concentrated Loads (lb)
Vert: 20=-323 16=-722 14=-722 21=-180 22=-180 23=-180 24=-180 25=-339 26=-339 27=-339 28=-339

SEP 0 4 2001

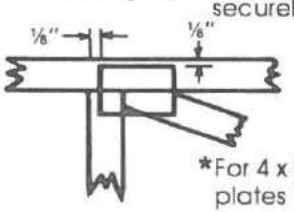
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

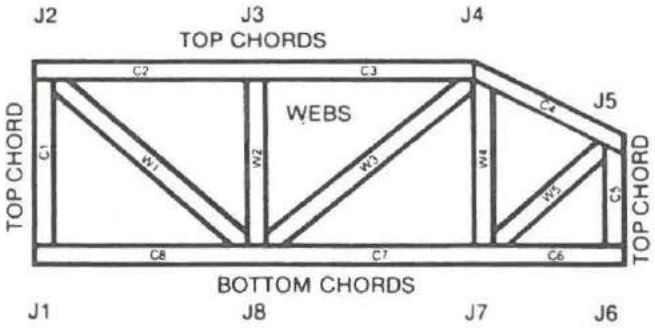
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

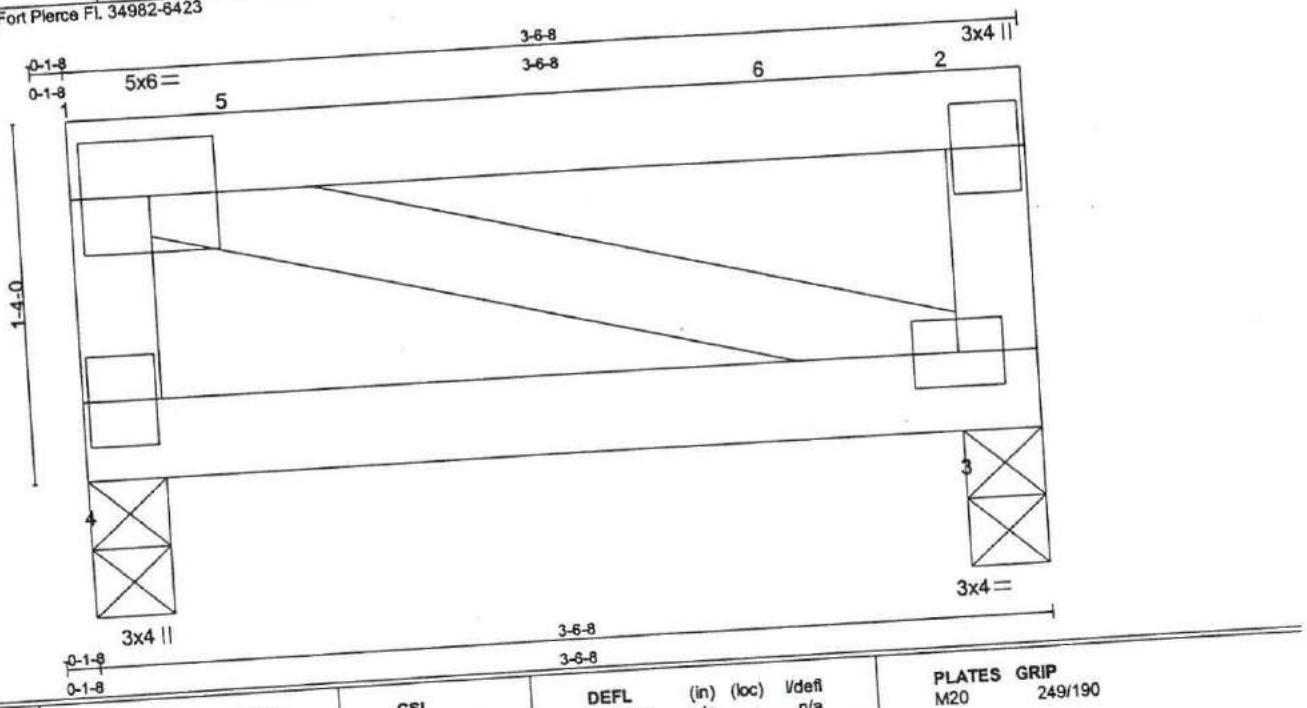
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
19597	GRL	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:43 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.54	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.06	Vert(TL)	-0.01	3-4	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.00	Horz(TL)	0.00	3	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 17 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 4=353/0-3-8, 3=301/0-3-8
Max Uplift4=-346(load case 2), 3=-342(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-4=-321, 1-5=0, 5-6=0, 2-6=0, 2-3=-268
BOT CHORD 3-4=-0
WEBS 1-3=0

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 346 lb uplift at joint 4 and 342 lb uplift at joint 3.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

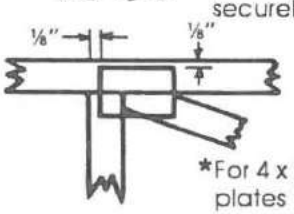
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-5=-90.0, 5-6=-90.0, 2-6=-90.0, 3-4=-20.0
Concentrated Loads (lb)
Vert: 5=-184 6=-112

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

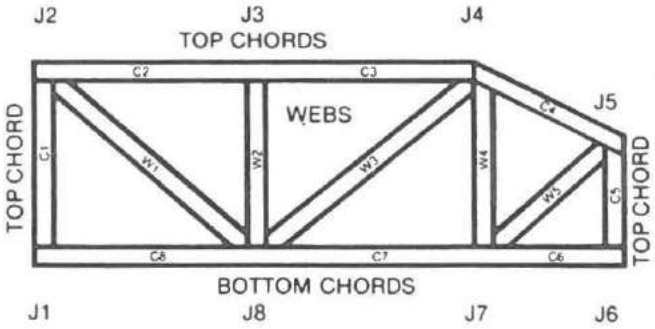
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

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PANEL CLIP™

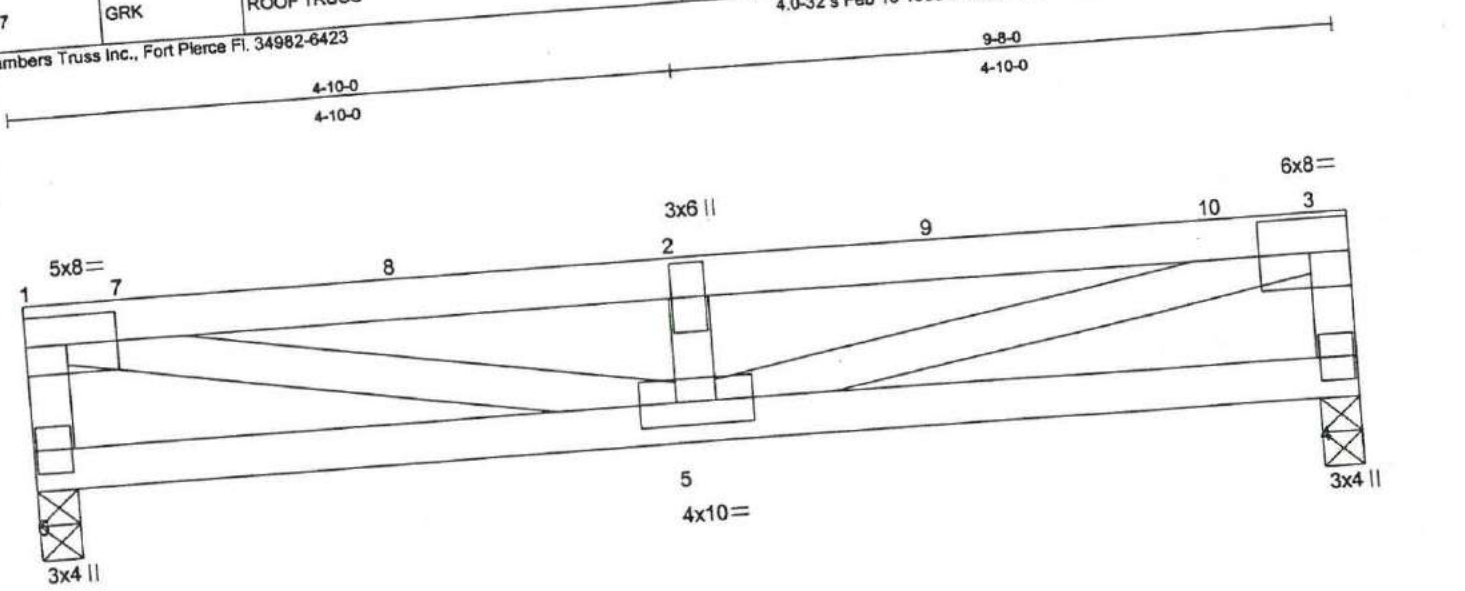
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

	Truss	Truss Type	Qty	Ply	Fogilia Const.
9597	GRK	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:40 2001 Page 1



LOADING (psf)	SPACING	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	2-0-0	TC 0.96	Vert(LL) 0.17 5 >669	M20 249/190
TCDL 15.0	Plates Increase 1.33	BC 0.45	Vert(TL) -0.15 5 >775	
BCLL 0.0	Lumber Increase 1.33	WB 0.72	Horz(TL) -0.01 4 n/a	Weight: 45 lb
BCDL 10.0	Rep Stress Incr NO	(Matrix)	1st LC LL Min l/defl = 360	
	Code SBC/ANSI95			

BRACING
TOP CHORD Sheathed or 3-0-10 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-11-10 on center bracing.

LUMBER
TOP CHORD 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
1-6 2 X 4 SYP No.2ND, 3-4 2 X 4 SYP No.2D

REACTIONS (lb/size) 6=979/0-3-8, 4=1136/0-3-8
Max Uplift6=-923(load case 2), 4=-905(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-6=-877, 1-7=-2556, 7-8=-2556, 2-8=-2556, 2-9=-2556, 9-10=-2556, 3-10=-2556, 3-4=-1033
BOT CHORD 5-6=458, 4-5=596
WEBS 1-5=2149, 2-5=-919, 3-5=2009

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 923 lb uplift at joint 6 and 905 lb uplift at joint 4.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

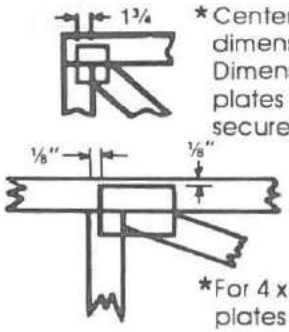
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-7=-90.0, 7-8=-90.0, 2-8=-90.0, 2-9=-90.0, 9-10=-90.0, 3-10=-90.0, 5-6=-20.0, 4-5=-20.0
Concentrated Loads (lb)
Vert: 2=-249 7=-112 8=-184 9=-269 10=-269

CHAI TAN — ENG. CERTIFICATE No. 46765 — STATE OF FLORIDA — REGISTERED ENGINEER

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

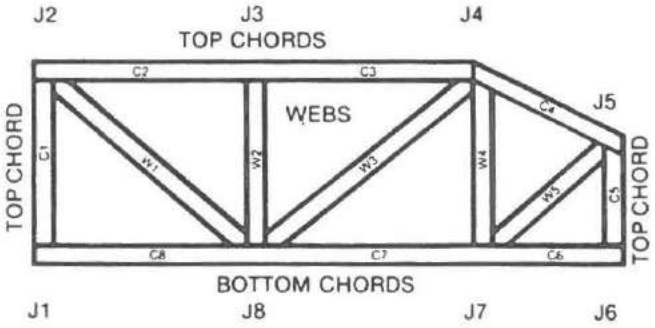
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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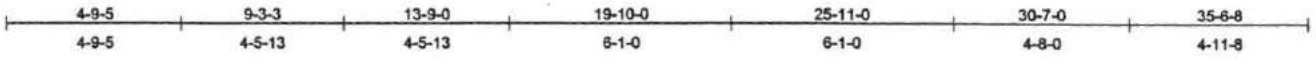
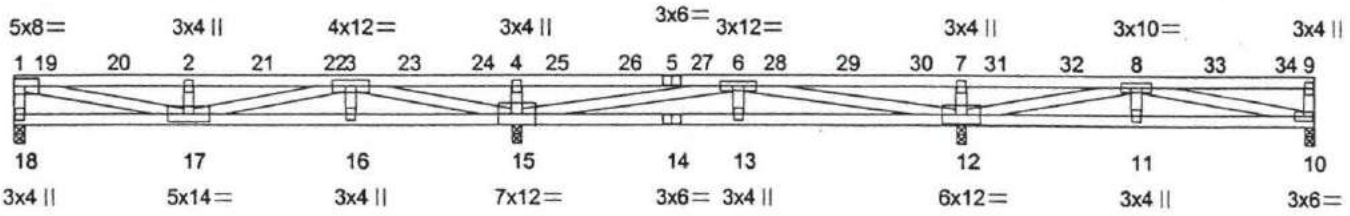
⚠General Safety Notes

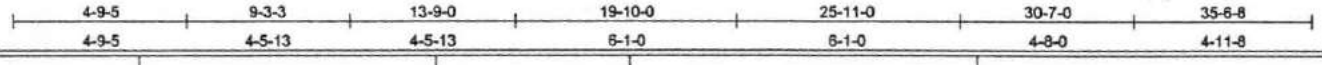
Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

	Truss	Truss Type	Qty	Ply	
97	GRJ	ROOF TRUSS	1	2	







LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.84	Vert(LL) 0.26 16-17 >618	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.69	Vert(TL) -0.28 16-17 >575	
BCLL 0.0	Rep Stress Incr NO	WB 0.76	Horz(TL) -0.03 18 n/a	
BCDL 10.0	Code SBC/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 329 lb

LUMBER
TOP CHORD 2 X 4 SYP SS *Except*
5-9 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
1-18 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 5-7-4 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing, Except:
8-1-4 on center bracing: 16-17
8-0-3 on center bracing: 15-16.

REACTIONS (lb/size) 18=2028/0-3-8, 10=1997/0-3-0, 15=4209/0-3-0, 12=2186/0-3-0
Max Uplift18=-1299(load case 2), 10=-2121(load case 2), 15=-3014(load case 2), 12=-2259(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-18=-1906, 1-19=-5419, 19-20=-5419, 2-20=-5419, 2-21=-5419, 21-22=-5419, 3-22=-5419, 3-23=3243, 23-24=3243, 4-24=3243, 4-25=3243, 25-26=3243, 5-26=3243, 5-27=3243, 6-27=3243, 6-28=1129, 28-29=1129, 29-30=1129, 7-30=1129, 7-31=1129, 31-32=1129, 8-32=1129, 8-33=-471, 33-34=-471, 9-34=-471, 9-10=-814
BOT CHORD 17-18=813, 16-17=3846, 15-16=3846, 14-15=718, 13-14=718, 12-13=718, 11-12=1022, 10-11=1022
WEBS 1-17=4722, 2-17=-1385, 3-17=1615, 3-16=-8, 3-15=-7278, 4-15=-1614, 6-15=-4019, 6-13=6, 6-12=-1874, 7-12=-1179, 8-12=-2204, 8-11=3, 8-10=-564

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-6-0 on center. Bottom chords connected with 1 row(s) at 0-7-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1299 lb uplift at joint 18, 2121 lb uplift at joint 10, 3014 lb uplift at joint 15 and 2259 lb uplift at joint 12.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-19=-90.0, 19-20=-90.0, 2-20=-90.0, 2-21=-90.0, 21-22=-90.0, 3-22=-90.0, 3-23=-90.0, 23-24=-90.0, 4-24=-90.0, 4-25=-90.0, 25-26=-90.0, 5-26=-90.0, 5-27=-90.0, 6-27=-90.0, 6-28=-90.0, 28-29=-90.0, 29-30=-90.0, 7-30=-90.0, 7-31=-90.0, 31-32=-90.0, 8-32=-90.0, 8-33=-90.0, 33-34=-90.0, 9-34=-90.0, 17-18=-20.0, 16-17=-20.0, 15-16=-20.0, 14-15=-20.0, 13-14=-20.0, 12-13=-20.0, 11-12=-20.0, 10-11=-20.0
Concentrated Loads (lb)
Vert: 9=-362 10=-979 2=-444 8=-249 19=-444 20=-444 21=-444 22=-444 23=-444 24=-553 25=-284 26=-170 27=-167 28=-167 29=-167 30=-302 31=-312 32=129 33=-184 34=-112

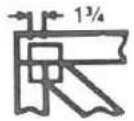
SEP 0 4 2001

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE 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 Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

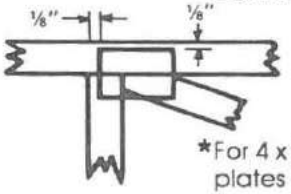
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

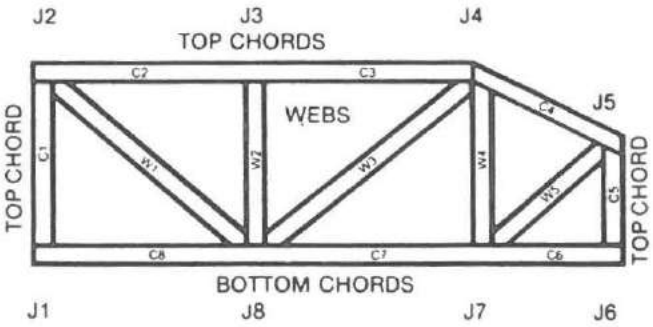
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	
9597	GRI	ROOF TRUSS	1	2

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:33 2001 Page 1

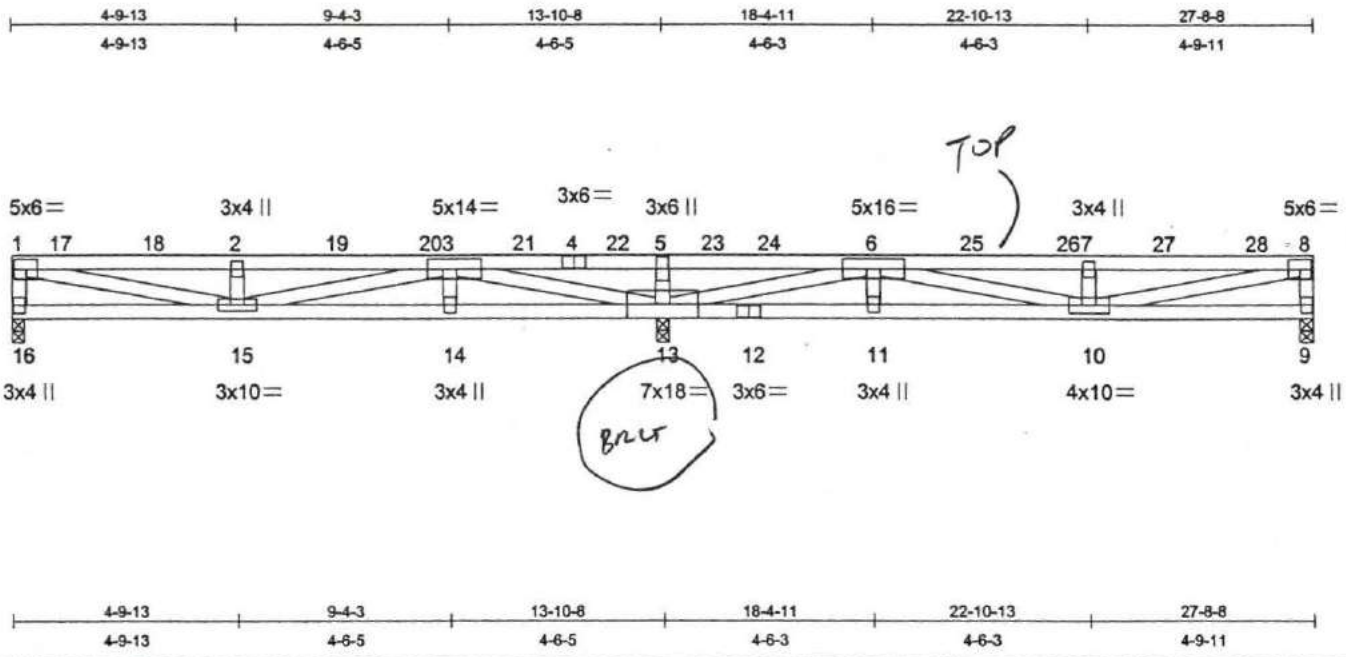


Plate Offsets (X,Y): [3:0-4-0,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.90	Vert(LL)	0.25	14-15	>647	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.67	Vert(TL)	-0.27	10-11	>611		
BCLL	0.0	Rep Stress Incr	NO	WB	0.84	Horz(TL)	-0.04	9	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 258 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
4-8 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
8-9 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 5-2-9 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-11-7 on center bracing.

REACTIONS (lb/size) 16=1878/0-3-0, 9=1790/0-3-8, 13=5949/0-4-2 (input: 0-3-0)
Max Uplift16=-1961(load case 2), 9=-1139(load case 2), 13=-4288(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-16=-1464, 1-17=-3677, 17-18=-3677, 2-18=-3677, 2-19=-3677, 19-20=-3677, 3-20=-3677, 3-21=4875, 4-21=4875, 4-22=4875, 5-22=4875, 5-23=4875, 23-24=4875, 6-24=4875, 6-25=-4996, 25-26=-4996, 7-26=-4996, 7-27=-4996, 27-28=-4996, 8-28=-4996, 8-9=-1672
BOT CHORD 15-16=468, 14-15=2040, 13-14=2040, 12-13=2962, 11-12=2962, 10-11=2962, 9-10=813
WEBS 1-15=3288, 2-15=-1047, 3-15=1680, 3-14=-21, 3-13=-7096, 5-13=-2244, 6-13=-8043, 6-11=-23, 6-10=2087, 7-10=-1380, 8-10=4286

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 2 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) WARNING: Required bearing size at joint(s) 13 greater than input bearing size.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1961 lb uplift at joint 16, 1139 lb uplift at joint 9 and 4288 lb uplift at joint 13.
8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-17=-90.0, 17-18=-90.0, 2-18=-90.0, 2-19=-90.0, 19-20=-90.0, 3-20=-90.0, 3-21=-90.0, 4-21=-90.0, 4-22=-90.0, 5-22=-90.0, 5-23=-90.0, 23-24=-90.0, 6-24=-90.0, 6-25=-90.0, 25-26=-90.0, 7-26=-90.0, 7-27=-90.0, 27-28=-90.0, 8-28=-90.0, 15-16=-20.0, 14-15=-20.0, 13-14=-20.0, 12-13=-20.0, 11-12=-20.0, 10-11=-20.0, 9-10=-20.0
Concentrated Loads (lb)
Vert: 16=-314 1=-362 2=-249 6=-444 17=-112 18=-184 19=-412 20=-479 21=-367 22=-654 23=-658 24=-589 25=-444 26=-444 27=-444 28=-444

CHAI TAN SENG - CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

SEP 0 4 2001

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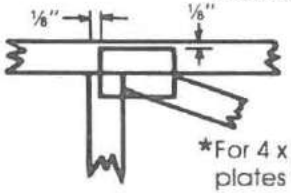
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

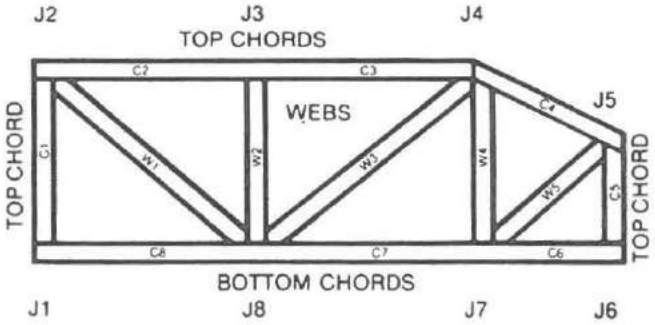
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

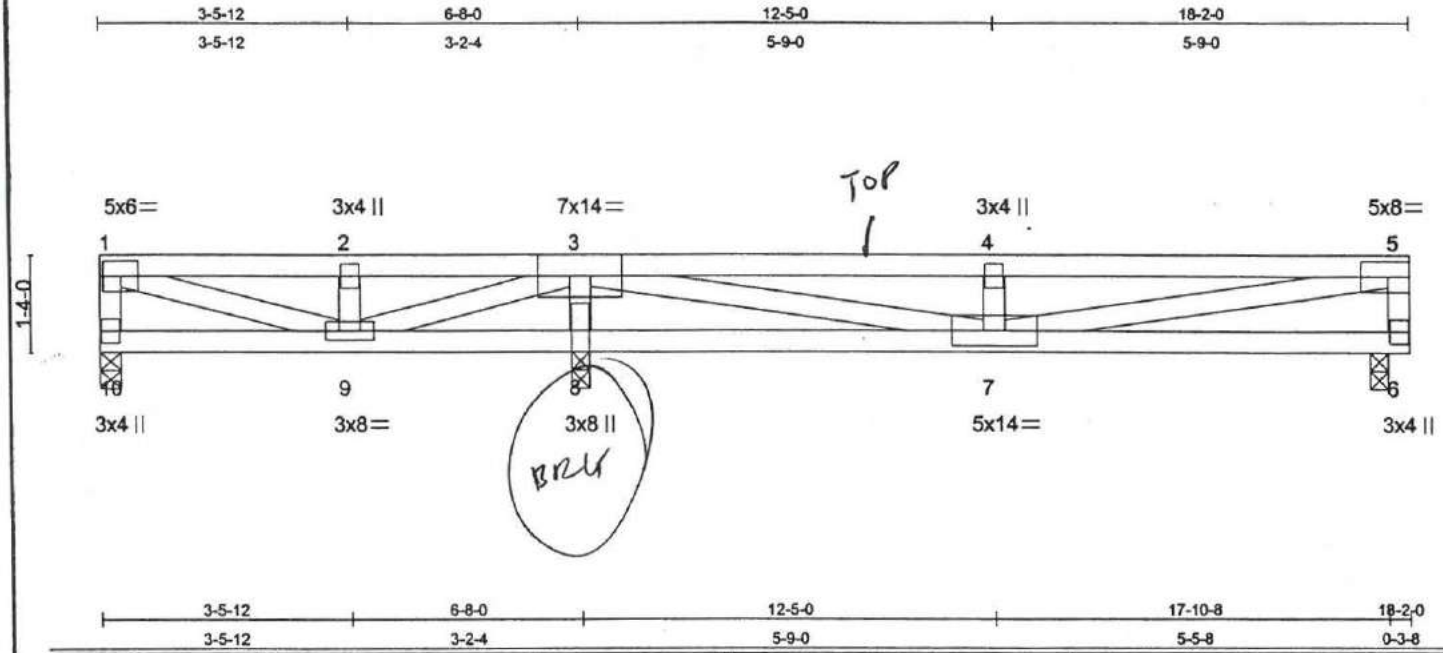
⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

49597	GRH	ROOF TRUSS	1	2

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:29 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.99	Vert(LL)	0.24	7	>571	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.50	Vert(TL)	-0.27	7	>499		
BCLL	0.0	Rep Stress Incr.	NO	WB	0.69	Horz(TL)	0.00	10	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 170 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
5-6 2 X 4 SYP No.2D, 3-7 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 5-0-4 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 9-5-15 on center bracing.

REACTIONS (lb/size) 10=958/0-3-8, 6=2224/0-3-0, 8=4683/0-3-4 (input: 0-3-0)
Max Uplift10=-576(load case 2), 6=-1337(load case 2), 8=-2816(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-10=-851, 1-2=-698, 2-3=-698, 3-4=-5824, 4-5=-5824, 5-6=-2053
BOT CHORD 9-10=486, 8-9=-1489, 7-8=-1489, 6-7=1412
WEBS 1-9=222, 2-9=-937, 3-9=2300, 3-8=-4333, 3-7=7432, 4-7=-2259, 5-7=4488

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) WARNING: Required bearing size at joint(s) 8 greater than input bearing size.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 576 lb uplift at joint 10, 1337 lb uplift at joint 6 and 2816 lb uplift at joint 8.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-420.0, 2-3=-420.0, 3-4=-420.0, 4-5=-420.0, 9-10=-20.0, 8-9=-20.0, 7-8=-20.0, 6-7=-20.0

SEP 0 4 2001

WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
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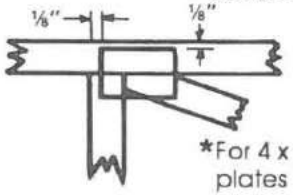
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

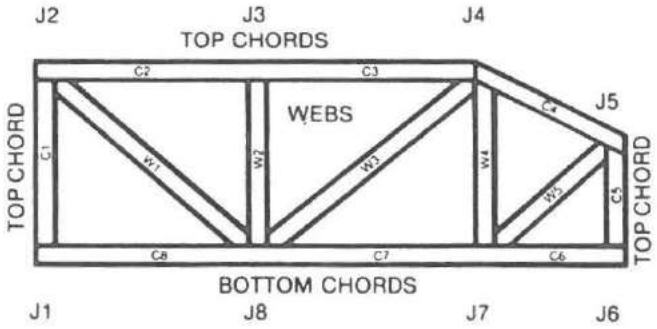
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

49597	GRG	ROOF TRUSS	1	2

Chambers Truss Inc., Fort Pierce FL 34982-6423

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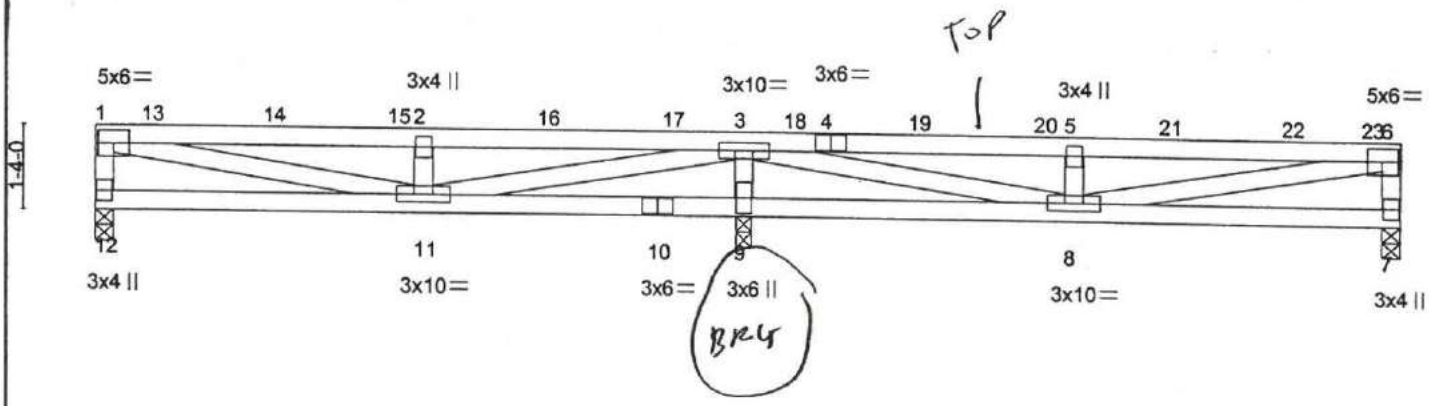

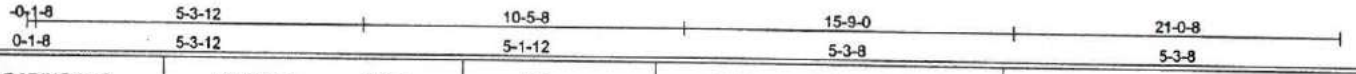

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.93	Vert(LL)	0.14	11	>855	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.31	Vert(TL)	-0.12	11	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.57	Horz(TL)	-0.00	12	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 195 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
6-7 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 6-6-14 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 on center bracing.

REACTIONS (lb/size) 12=1002/0-3-8, 7=1014/0-3-8, 9=1779/0-3-0
Max Uplift12=-934(load case 2), 7=-994(load case 2), 9=-2312(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-12=-886, 1-13=-2734, 13-14=-2734, 14-15=-2734, 2-15=-2734, 2-16=-2734, 16-17=-2734, 3-17=-2734, 3-18=-955, 4-18=-955, 4-19=-955, 19-20=-955, 5-20=-955, 5-21=-955, 21-22=-955, 22-23=-955, 6-23=-955, 6-7=-926
BOT CHORD 11-12=559, 10-11=-950, 9-10=-950, 8-9=-950, 7-8=775
WEBS 1-11=2219, 2-11=-1213, 3-11=3759, 3-9=-1558, 3-8=1941, 5-8=-392, 6-8=184

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 934 lb uplift at joint 12, 994 lb uplift at joint 7 and 2312 lb uplift at joint 9.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-13=-90.0, 13-14=-90.0, 14-15=-90.0, 2-15=-90.0, 2-16=-90.0, 16-17=-90.0, 3-17=-90.0, 3-18=-90.0, 4-18=-90.0, 4-19=-90.0, 19-20=-90.0, 5-20=-90.0, 5-21=-90.0, 21-22=-90.0, 22-23=-90.0, 6-23=-90.0, 11-12=-20.0, 10-11=-20.0, 9-10=-20.0, 8-9=-20.0, 7-8=-20.0
Concentrated Loads (lb)
Vert: 2=-202 13=-112 14=-184 15=-249 16=-336 17=54 18=-84 19=385 20=104 21=-332 22=-278 23=-278

SEP 0 4 2001

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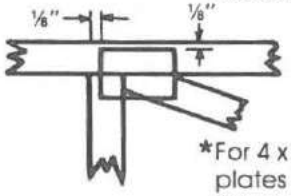
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

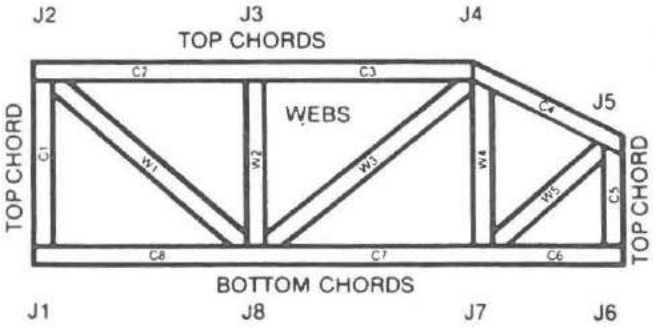
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



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HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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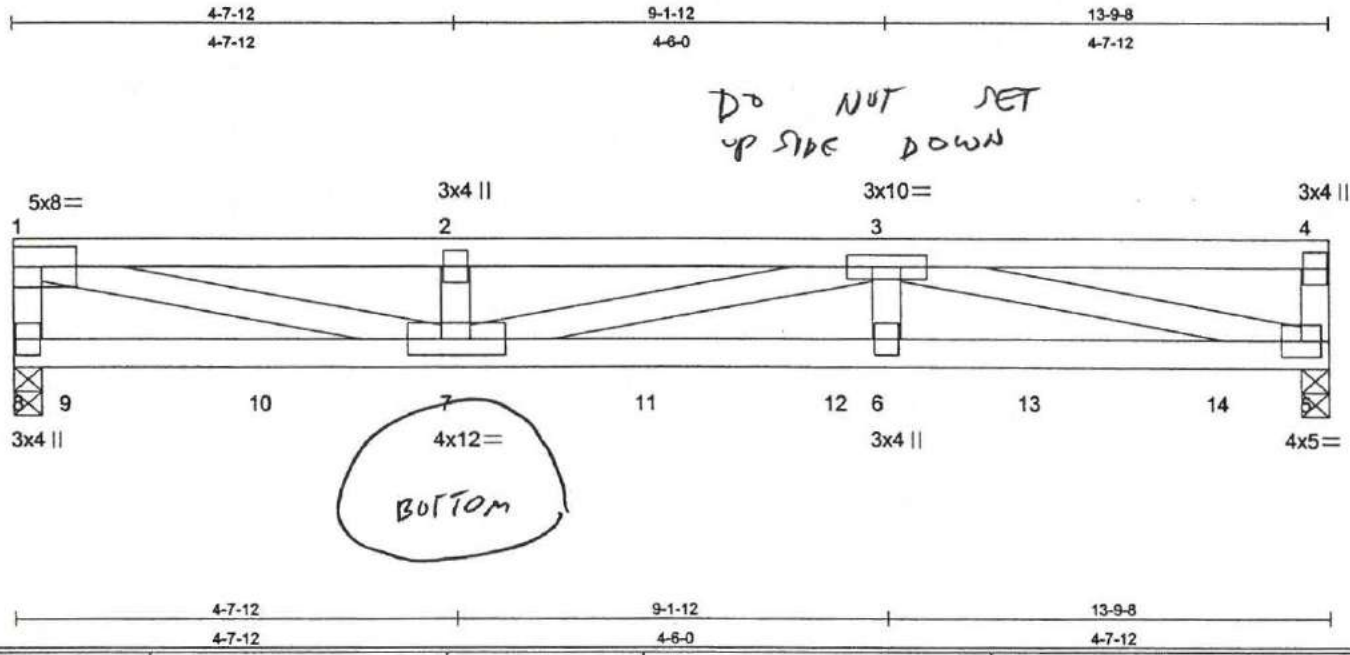
15. Care should be exercised in handling, erection and installation of trusses.

		Truss Type	Qty	Ply	Fogilia Const / Baum
49597	CRF	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:22 2001 Page 1



LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.73	Vert(LL)	0.31	6-7	>517	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.87	Vert(TL)	-0.31	6-7	>515		
BCLL	0.0	Rep Stress Incr	NO	WB	0.71	Horz(TL)	-0.04	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 129 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-11-8 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-10-11 on center bracing.

REACTIONS (lb/size) 8=1874/0-3-8, 5=1955/0-3-8
Max Uplift8=-1349(load case 2), 5=-1725(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-8=-1336, 1-2=-5287, 2-3=-5287, 3-4=-589, 4-5=-265
BOT CHORD 8-9=683, 9-10=683, 7-10=683, 7-11=5165, 11-12=5165, 6-12=5165, 6-13=5165, 13-14=5165, 5-14=5165
WEBS 1-7=4725, 2-7=-334, 3-7=125, 3-6=686, 3-5=-4696

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 1 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1349 lb uplift at joint 8 and 1725 lb uplift at joint 5.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

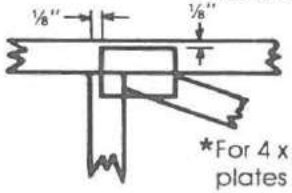
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 8-9=-20.0, 9-10=-20.0, 7-10=-20.0, 7-11=-20.0, 11-12=-20.0, 6-12=-20.0, 6-13=-20.0, 13-14=-20.0, 5-14=-20.0
Concentrated Loads (lb)
Vert: 5=-316 7=-318 9=-318 10=-318 11=-318 12=-319 13=-254 14=-182

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

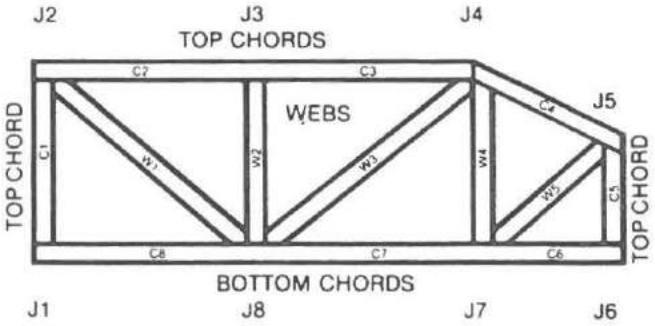
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

49597	GRB	ROOF TRUSS	1	1

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:19 2001 Page 1

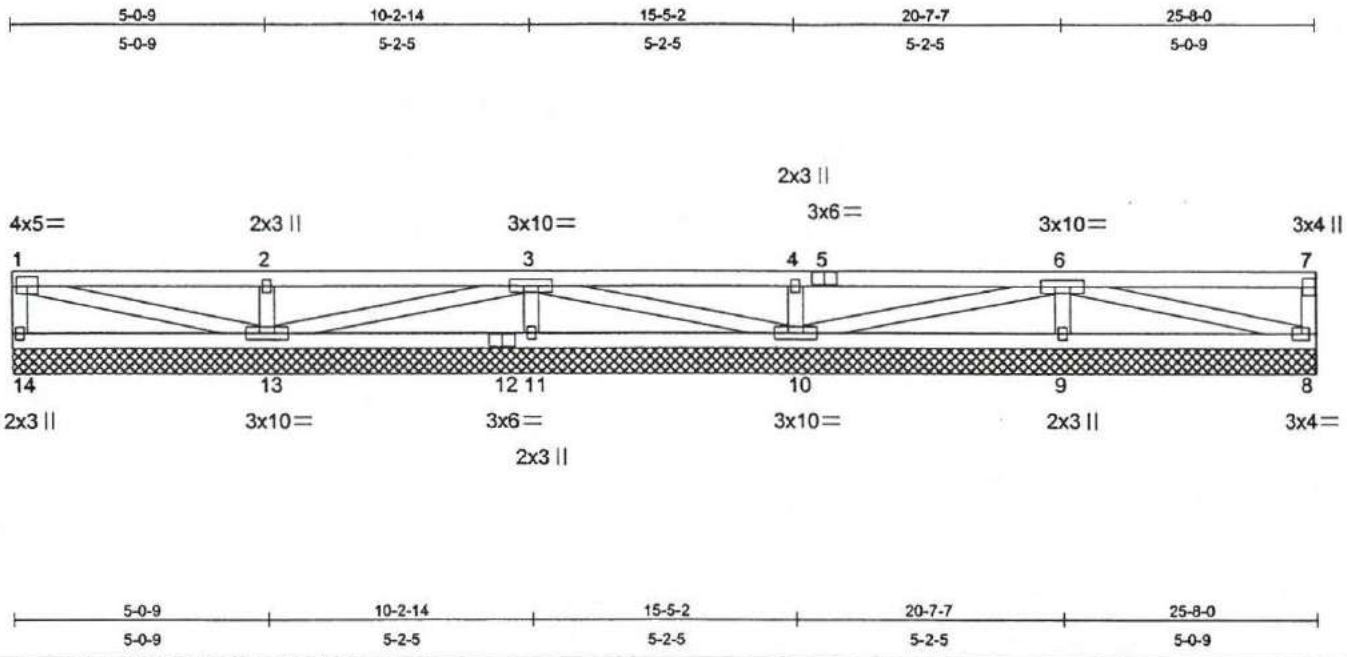


Plate Offsets (X,Y): [1:0-2-8,0-2-4], [8:0-1-12,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.48	Vert(LL)	n/a	-	n/a	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.10	Vert(TL)	n/a	-	n/a		
BCLL	0.0	Rep Stress Incr	NO	WB	0.12	Horz(TL)	0.00		n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 121 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 14=232/25-8-0, 8=248/25-8-0, 12=33/25-8-0, 13=592/25-8-0, 11=529/25-8-0, 10=600/25-8-0, 9=557/25-8-0
Max Horz 14=153(load case 1), 8=-114(load case 1), 13=-89(load case 1), 10=51(load case 1)
Max Uplift14=-139(load case 2), 8=-150(load case 2), 13=-361(load case 2), 11=-344(load case 2), 10=-361(load case 2), 9=-332(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-14=-182, 1-2=-47, 2-3=-47, 3-4=-34, 4-5=-34, 5-6=-34, 6-7=-148, 7-8=-207
BOT CHORD 13-14=0, 12-13=0, 11-12=0, 10-11=0, 9-10=0, 8-9=0
WEBS 1-13=-109, 2-13=-467, 3-13=-17, 3-11=-457, 3-10=-30, 4-10=-467, 6-10=-82, 6-9=-457, 6-8=35

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) Gable requires continuous bottom chord bearing.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 139 lb uplift at joint 14, 150 lb uplift at joint 8, 361 lb uplift at joint 13, 344 lb uplift at joint 11, 361 lb uplift at joint 10 and 332 lb uplift at joint 9.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

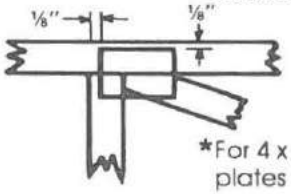
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

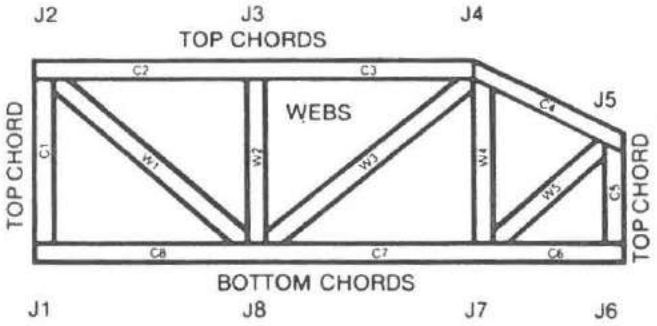
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

49597	GRAE	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:16 2001 Page 1

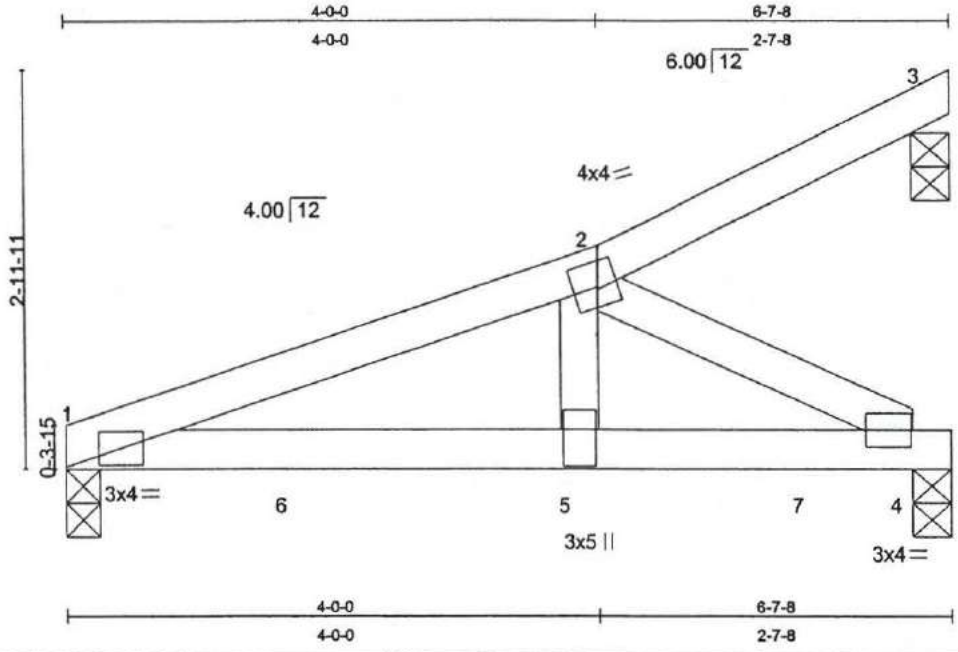


Plate Offsets (X,Y): [2:0-2-4,0-2-4], [5:0-1-8,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.53	Vert(LL)	0.09	1-5	>860	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.73	Vert(TL)	-0.12	1-5	>645		
BCLL	0.0	Rep Stress Incr	NO	WB	0.45	Horz(TL)	-0.02	3	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 26 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-4-7 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 5-10-12 on center bracing.

REACTIONS (lb/size) 1=1199/0-3-0, 3=172/0-3-8, 4=1418/0-3-8
Max Horz 1=216(load case 2)
Max Uplift1=-606(load case 4), 3=-170(load case 5), 4=-799(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-2080, 2-3=77
BOT CHORD 1-6=1920, 5-6=1920, 5-7=1762, 4-7=1762
WEBS 2-5=1481, 2-4=-2038

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 606 lb uplift at joint 1, 170 lb uplift at joint 3 and 799 lb uplift at joint 4.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

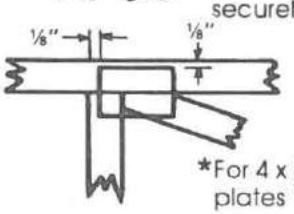
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 1-6=-20.0, 5-6=-20.0, 5-7=-20.0, 4-7=-20.0
Concentrated Loads (lb)
Vert: 5=-697 6=-697 7=-697

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

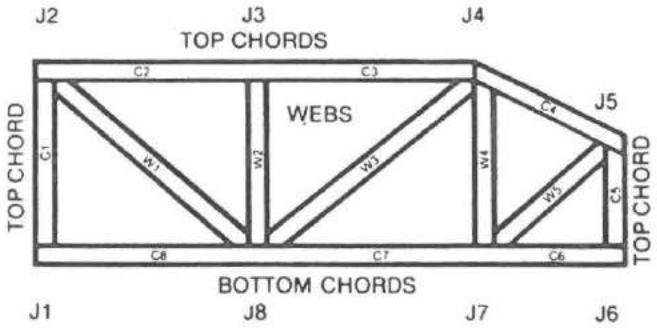
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

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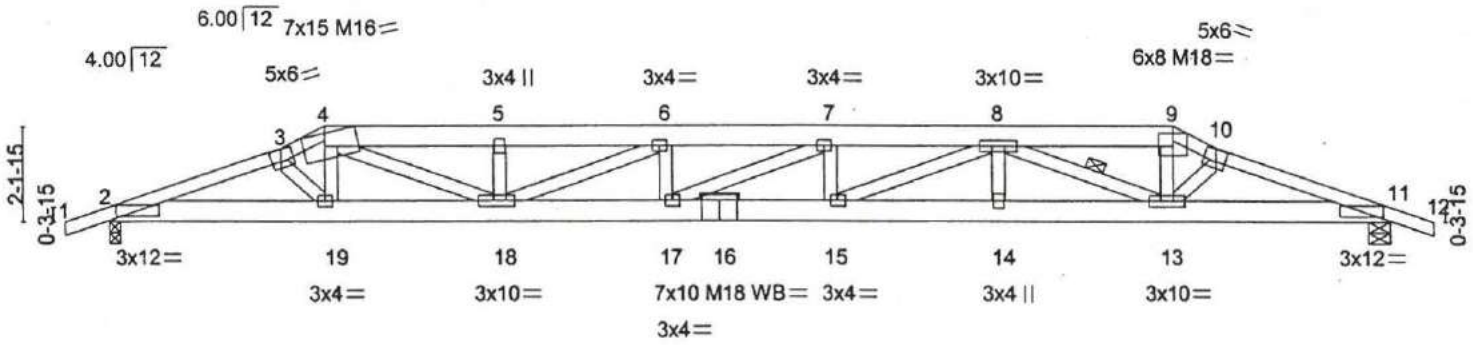
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

49597	CRAD	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:13 2001 Page 1

1-0-0	4-0-0	5-0-0	8-11-7	12-9-2	16-6-14	20-4-9	24-4-0	25-4-0	29-4-0	30-4-0
1-0-0	4-0-0	1-0-0	3-11-7	3-9-11	3-9-11	3-9-11	3-11-7	1-0-0	4-0-0	1-0-0



5-0-0	8-11-7	12-9-2	16-6-14	20-4-9	24-4-0	29-4-0
5-0-0	3-11-7	3-9-11	3-9-11	3-9-11	3-11-7	5-0-0

Plate Offsets (X,Y): [3:0-3-0,0-1-8], [4:0-5-12,0-4-4], [9:0-4-0,0-1-15], [10:0-3-0,0-1-8], [15:0-1-12,0-1-8], [16:0-5-0,edge], [18:0-4-4,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.60	Vert(LL)	1.01	15-17	>346	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.67	Vert(TL)	-1.12	15-17	>313	M18	195/188
BCLL	0.0	Rep Stress Incr	NO	WB	0.65	Horz(TL)	0.18	11	n/a	M16	174/126
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 240				Weight: 176 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS "Except"
4-9 2 X 6 SYP 2400F 2.0E
BOT CHORD 2 X 6 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 "Except"
4-18 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 3-7-13 on center bracing.
WEBS 1 Row at midpt 8-13

REACTIONS (lb/size) 2=2687/0-3-0, 11=2690/0-6-0
Max Horz 2=-85(load case 5)
Max Uplift2=-1781(load case 4), 11=-1735(load case 3)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=33, 2-3=-7244, 3-4=-6895, 4-5=-9499, 5-6=-9497, 6-7=-11027, 7-8=-11020, 8-9=-6532, 9-10=-6863, 10-11=-7195, 11-12=33
BOT CHORD 2-19=6805, 18-19=6441, 17-18=11027, 16-17=11020, 15-16=11020, 14-15=9497, 13-14=9497, 11-13=6753
WEBS 3-19=-622, 4-19=609, 4-18=3338, 5-18=-533, 6-18=-1675, 6-17=107, 7-17=7, 7-15=-565, 8-15=1668, 8-14=131, 8-13=-3249, 9-13=1891, 10-13=-569

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1781 lb uplift at joint 2 and 1735 lb uplift at joint 11.
7) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-146.2, 5-6=-146.2, 6-7=-146.2, 7-8=-146.2, 8-9=-146.2, 9-10=-90.0, 10-11=-90.0, 11-12=-90.0, 2-19=-32.5, 18-19=-32.5, 17-18=-32.5, 16-17=-32.5, 15-16=-32.5, 14-15=-32.5, 13-14=-32.5, 11-13=-32.5
Concentrated Loads (lb)
Vert: 4=-263 9=-263

SEP 0 4 2001

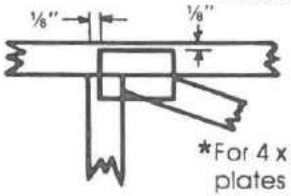
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

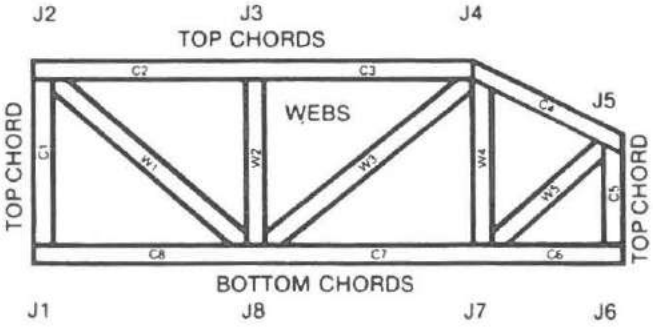
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	GRAC	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:03:03 2001 Page 1

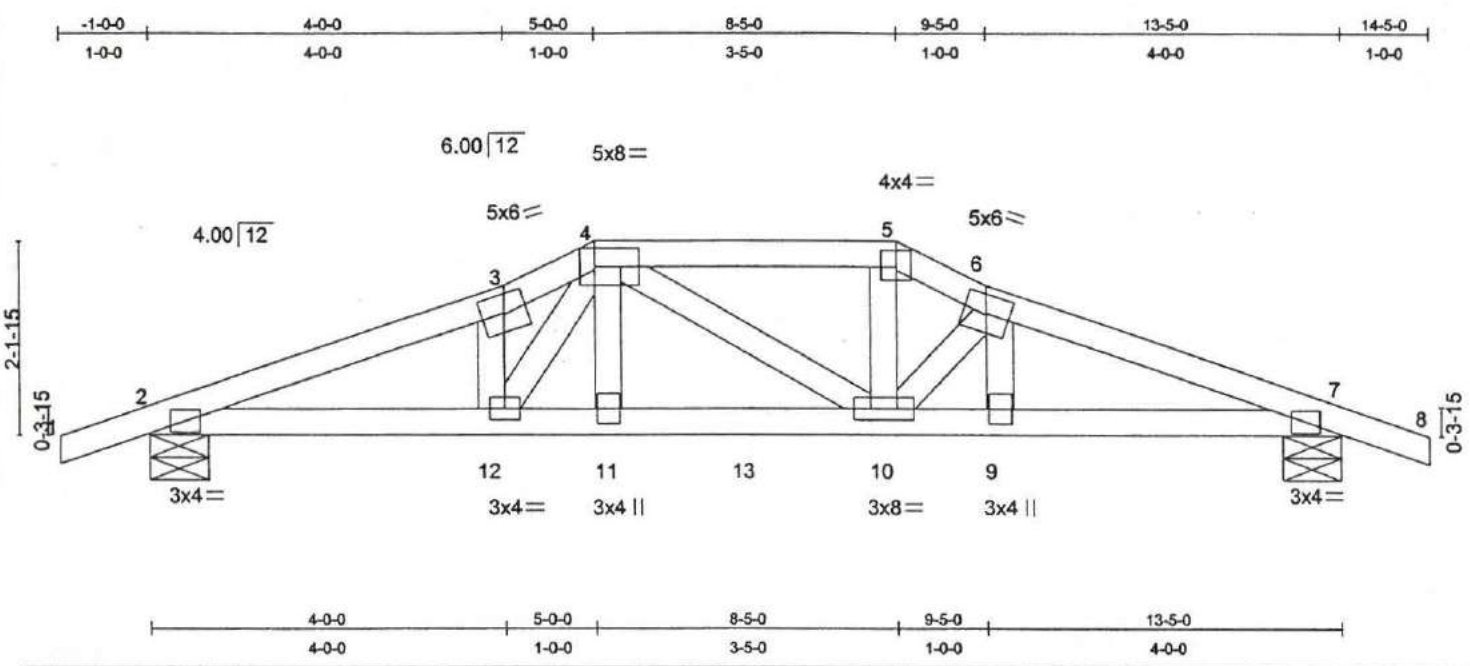


Plate Offsets (X,Y): [4:0-6-0,0-2-8], [5:0-2-0,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.44	Vert(LL)	0.09	11	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.41	Vert(TL)	-0.10	10-11	>999		
BCLL	0.0	Rep Stress Incr	NO	WB	0.16	Horz(TL)	0.03	7	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 62 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-1-7 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 6-0-8 on center bracing.

REACTIONS (lb/size) 2=862/0-8-0, 7=862/0-8-0
Max Horz 2=84(load case 4)
Max Uplift2=-627(load case 4), 7=-597(load case 3)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-1676, 3-4=-1760, 4-5=-1298, 5-6=-1427, 6-7=-1686, 7-8=27
BOT CHORD 2-12=1523, 11-12=1296, 11-13=1305, 10-13=1305, 9-10=1530, 7-9=1533
WEBS 3-12=-425, 4-12=519, 4-11=114, 4-10=-9, 5-10=422, 6-10=-412, 6-9=29

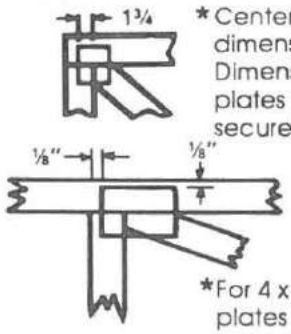
NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 627 lb uplift at joint 2 and 597 lb uplift at joint 7.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-90.0, 5-6=-90.0, 6-7=-90.0, 7-8=-90.0, 2-12=-20.0, 11-12=-20.0, 11-13=-20.0, 10-13=-20.0, 9-10=-20.0, 7-9=-20.0
Concentrated Loads (lb)
Vert: 11=-23 10=-23 13=-27

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.

*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

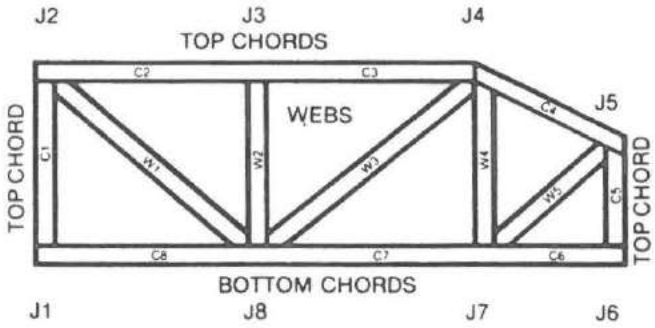
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

40607	GRAB	ROOF TRUSS	1	1	

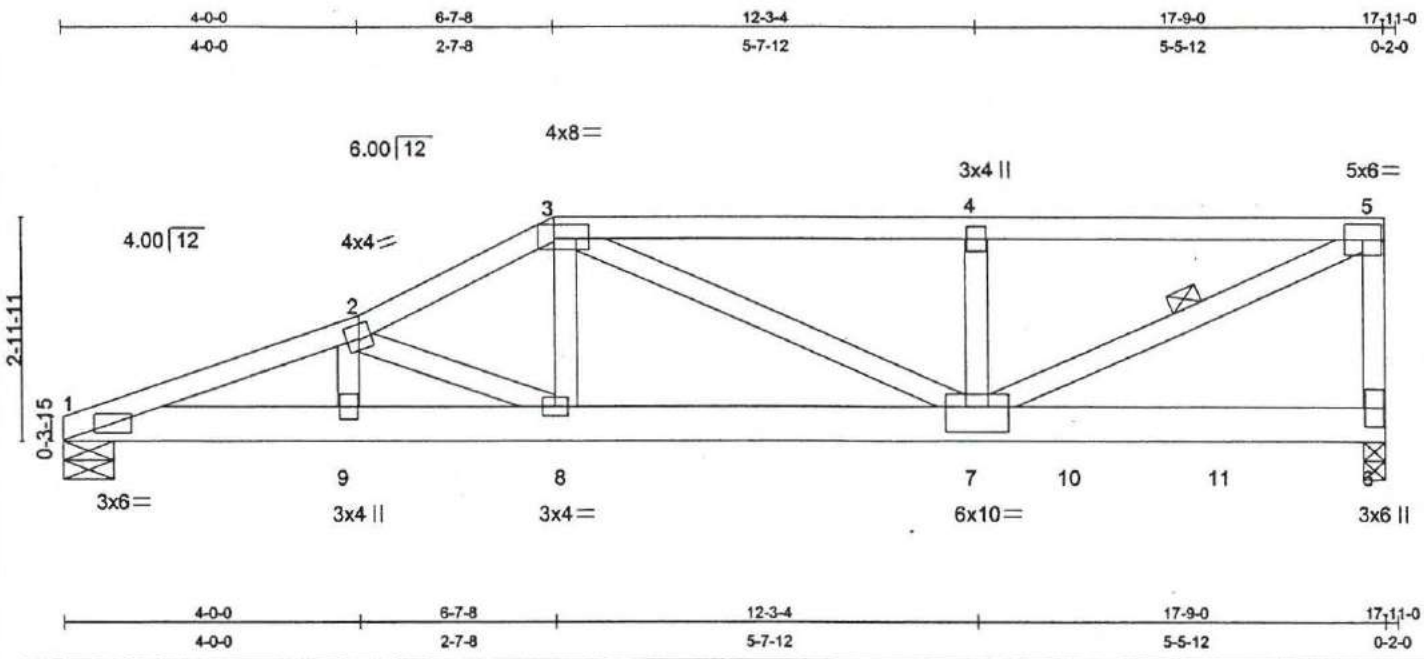


Plate Offsets (X,Y): [2:0-2-0,0-2-4], [3:0-5-8,0-2-4], [7:0-5-0,0-4-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.76	Vert(LL)	0.20	6-7	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.57	Vert(TL)	-0.22	6-7	>939		
BCLL	0.0	Rep Stress Incr	NO	WB	0.62	Horz(TL)	0.03	6	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 101 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 6 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 *Except*
5-6 2 X 4 SYP No.2D, 5-7 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 2-7-0 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-0-2 on center bracing.
WEBS 1 Row at midpt 5-7

REACTIONS (lb/size) 1=1323/0-8-0, 6=2196/0-3-8
Max Horz 1=250(load case 4)
Max Uplift1=-778(load case 4), 6=-1259(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-3352, 2-3=-2749, 3-4=-3265, 4-5=-3264, 5-6=-1723
BOT CHORD 1-9=3121, 8-9=3129, 7-8=2475, 7-10=247, 10-11=247, 6-11=247
WEBS 2-9=-66, 2-8=-745, 3-8=406, 3-7=869, 4-7=-473, 5-7=3357

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 778 lb uplift at joint 1 and 1259 lb uplift at joint 6.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

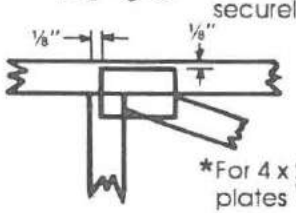
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-90.0, 1-9=-20.0, 8-9=-20.0, 7-8=-20.0, 7-10=-20.0, 10-11=-20.0, 6-11=-20.0
Concentrated Loads (lb)
Vert: 6=-43 10=-1512 11=-43

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

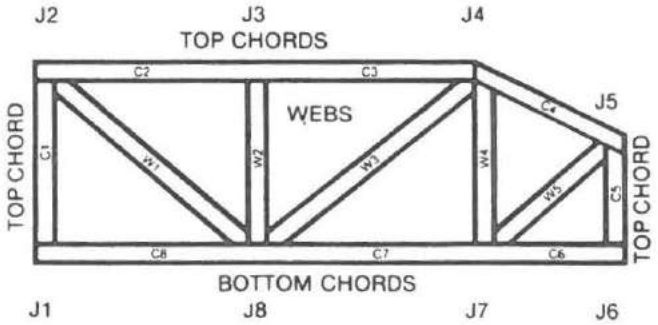
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
40697	GRAA	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:57 2001 Page 1

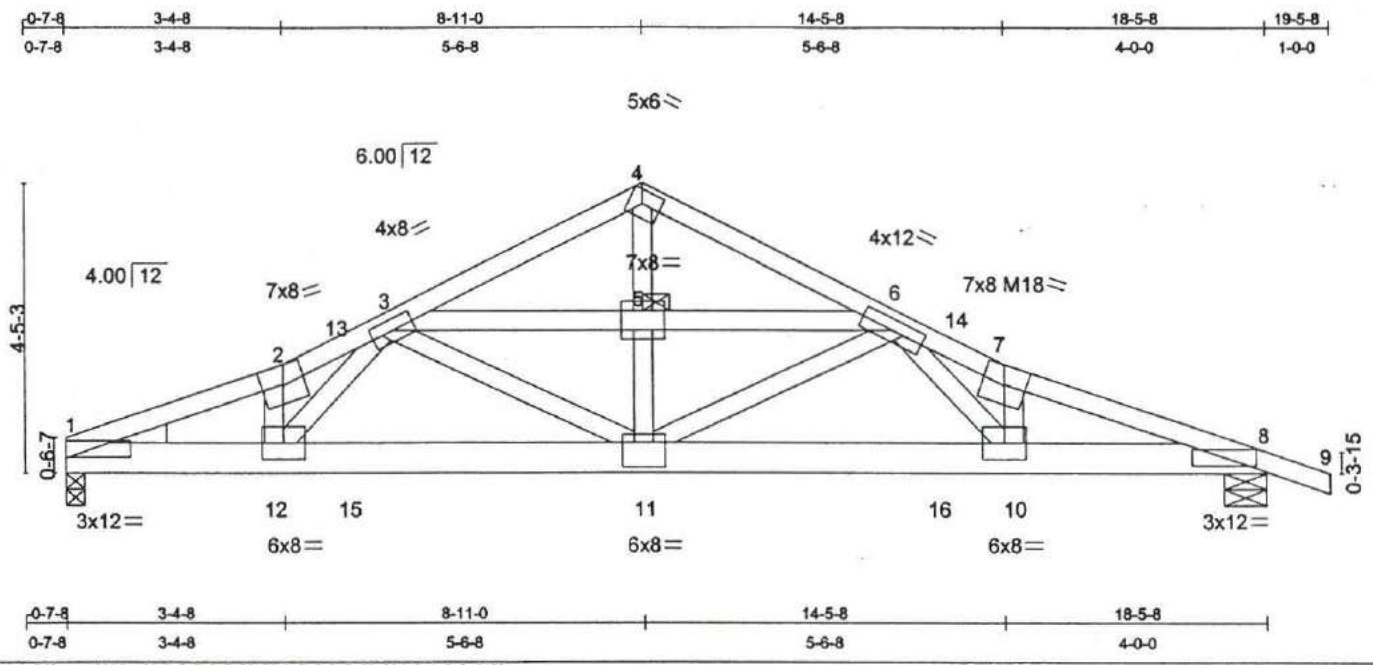


Plate Offsets (X,Y): [1:1-0-0,0-0-2], [4:0-3-8,0-2-8], [11:0-4-0,0-4-8]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.97	Vert(LL)	0.36 10-11	>599	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.74	Vert(TL)	-0.40 10-11	>547	M18	195/188
BCLL	0.0	Rep Stress Incr	NO	WB	0.83	Horz(TL)	0.08 8	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360			Weight: 230 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS *Except*
1-2 2 X 4 SYP No.2D, 3-6 2 X 4 SYP No.2ND
BOT CHORD 2 X 6 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3
WEDGE Left: 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed. Except:
1 Row at midpt 3-6
BOT CHORD Rigid ceiling directly applied or 6-9-11 on center bracing.

REACTIONS (lb/size) 1=6032/0-3-8, 8=6089/0-8-0
Max Horz 1=-202(load case 5)
Max Uplift1=-4092(load case 4), 8=-4196(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-13525, 2-13=-14028, 3-13=-13827, 3-4=-5907, 4-6=-5909, 6-14=-15804, 7-14=-16004, 7-8=-14995, 8-9=33, 3-5=-4641, 5-6=-4641
BOT CHORD 1-12=12482, 12-15=10017, 11-15=10017, 11-16=10692, 10-16=10692, 8-10=14143
WEBS 2-12=-1210, 3-11=-242, 5-11=4234, 6-11=-1026, 7-10=-2339, 4-5=4618, 3-12=3877, 6-10=5537

NOTES
1) 2-ply truss to be connected together with 16d Common(.162"x3.5") Nails as follows: Top chords connected with 1 row(s) at 0-9-0 on center. Bottom chords connected with 2 row(s) at 0-9-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been checked for unbalanced loading conditions.
3) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
4) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) Provide adequate drainage to prevent water ponding.
6) All plates are M20 plates unless otherwise indicated.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 4092 lb uplift at joint 1 and 4196 lb uplift at joint 8.
8) This truss has been designed with ANSI/TPI 1-1995 criteria.

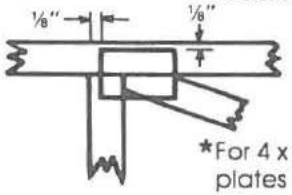
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-13=-90.0, 3-13=-150.9, 3-4=-150.9, 4-6=-150.9, 6-14=-150.9, 7-14=-90.0, 7-8=-90.0, 8-9=-90.0, 1-12=-487.3, 12-15=-487.3, 11-15=-487.3, 11-16=-487.3, 10-16=-487.3, 8-10=-487.3, 3-5=-60.9, 5-6=-60.9
Concentrated Loads (lb)
Vert: 13=-263 14=-263

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

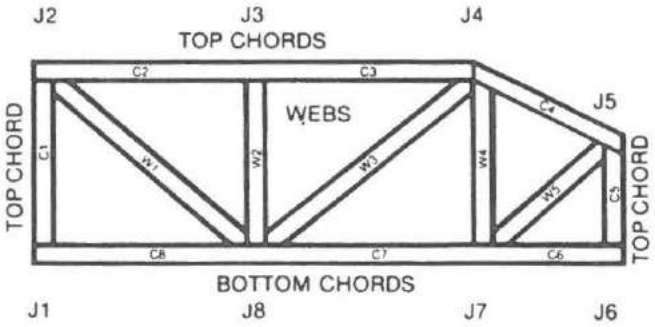
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

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HYDRO-AIR®

PANEL CLIP™

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2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19 % at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

49597	GBA1	ROOF TRUSS		2	Poglia Const / Baum

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:50 2001 Page 1

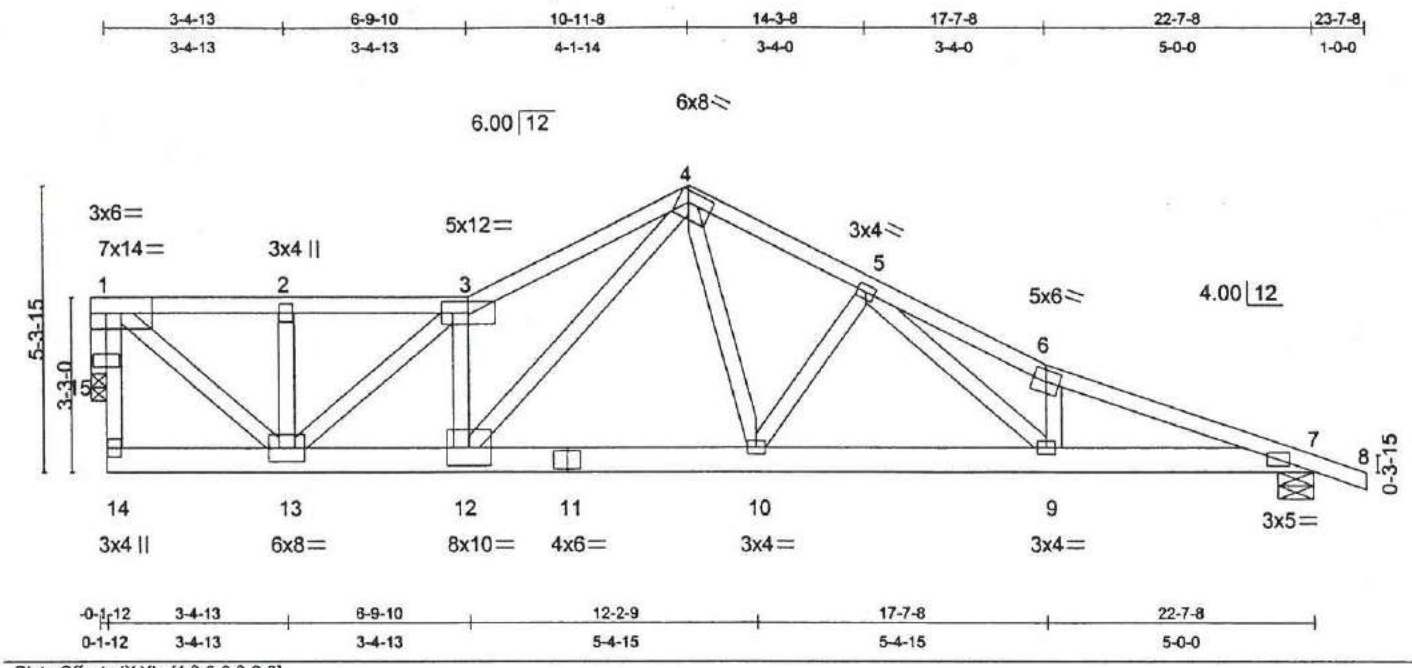


Plate Offsets (X,Y): [4:0-5-8,0-2-8]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.49	Vert(LL)	-0.16 10-12	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.73	Vert(TL)	-0.28 10-12	>947		
BCLL	0.0	Rep Stress Incr	NO	WB	0.91	Horz(TL)	0.06 1	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360			Weight: 291 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 6 SYP No.2
WEBS 2 X 4 SYP No.3
OTHERS 2 X 4 SYP No.3

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

REACTIONS (lb/size) 1=4699/0-3-8, 7=2381/0-8-0
Max Horz 7=-408(load case 5)
Max Uplift 1=-1345(load case 4), 7=-819(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 14-15=146, 1-15=168, 1-2=-4825, 2-3=-4826, 3-4=-8783, 4-5=-4697, 5-6=-6560, 6-7=-6094, 7-8=33
BOT CHORD 13-14=201, 12-13=7686, 11-12=3882, 10-11=3882, 9-10=4566, 7-9=5710
WEBS 1-13=6054, 2-13=-1433, 3-13=-3743, 3-12=-2209, 4-12=5961, 4-10=1104, 5-10=-767, 5-9=1736, 6-9=-1336

NOTES
1) 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows: Top chords connected with 1 row(s) at 0-8-0 on center. Bottom chords connected with 2 row(s) at 0-5-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been checked for unbalanced loading conditions.
3) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
4) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) Provide adequate drainage to prevent water ponding.
6) All plates are M20 plates unless otherwise indicated.
7) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.
8) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1345 lb uplift at joint 1 and 819 lb uplift at joint 7.
10) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

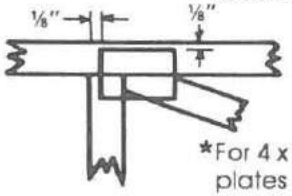
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-390.0, 2-3=-390.0, 3-4=-90.0, 4-5=-90.0, 5-6=-90.0, 6-7=-90.0, 7-8=-90.0, 13-14=-20.0, 12-13=-20.0, 11-12=-20.0, 10-11=-20.0, 9-10=-20.0, 7-9=-20.0
Concentrated Loads (lb)
Vert: 12=-2467

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

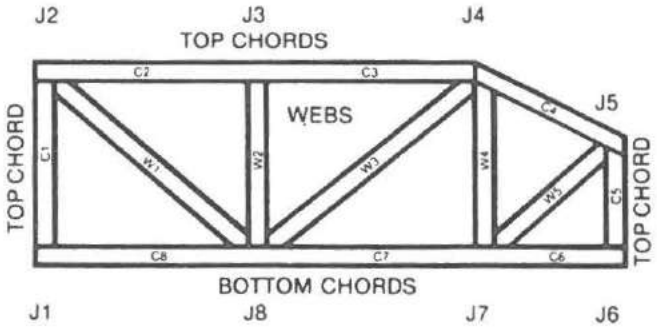
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	GRA	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:46 2001 Page 1

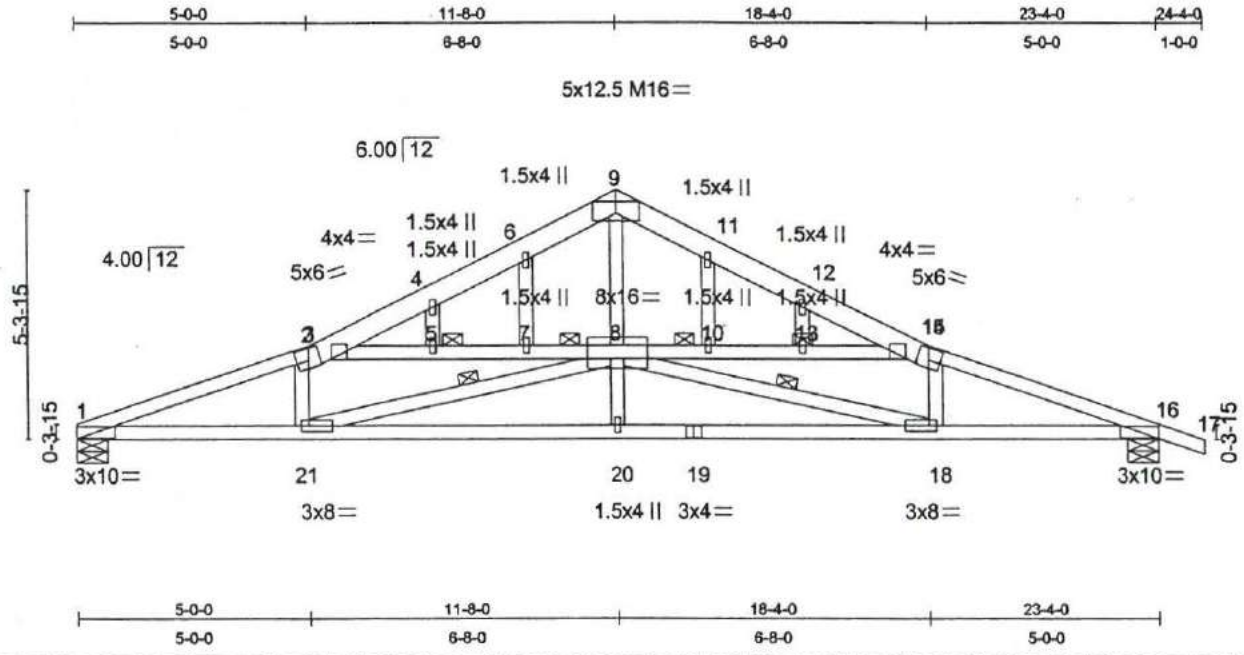


Plate Offsets (X,Y): [1:0-5-2,0-1-8], [2:0-3-0,0-3-0], [3:0-0-8,0-0-0], [8:0-8-0,0-2-8], [9:0-6-4,edge], [14:0-0-8,0-0-0], [15:0-3-0,0-3-0], [16:0-5-2,0-1-8], [18:0-2-0,0-1-8], [21:0-2-0,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.98	Vert(LL) 0.50 20-21 >557	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.68	Vert(TL) -0.49 18-20 >567	M16 174/126
BCLL 0.0	Rep Stress Incr NO	WB 0.83	Horz(TL) -0.15 16 n/a	
BCDL 10.0	Code SBC/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 145 lb

LUMBER
TOP CHORD 2 X 4 SYP SS *Except*
2-9 2 X 6 SYP 2400F 2.0E, 9-15 2 X 6 SYP 2400F 2.0E
3-14 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP SS
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed. Except:
2-6-0 on center bracing: 3-14
BOT CHORD Rigid ceiling directly applied or 2-7-11 on center bracing.
WEBS 1 Row at midpt 8-21, 8-18

REACTIONS (lb/size) 1=2344/0-8-0, 16=2452/0-8-0
Max Horz 1=-220(load case 5)
Max Uplift1=-1861(load case 4), 16=-2018(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-6484, 2-3=-6448, 3-4=-3677, 4-6=-3493, 6-9=-3325, 9-11=-3325, 11-12=-3492, 12-14=-3676, 14-15=-6419, 15-16=-6455, 16-17=27, 3-5=-2986, 5-7=-2985, 7-8=-2985, 8-10=-2955, 10-13=-2955, 13-14=-2956
BOT CHORD 1-21=6074, 20-21=3599, 19-20=3599, 18-19=3599, 16-18=6044
WEBS 2-21=-473, 8-20=282, 15-18=-473, 8-21=2594, 8-18=2563, 8-9=1773, 4-5=80, 6-7=90, 10-11=90, 12-13=79

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
6) All plates are M20 plates unless otherwise indicated.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1861 lb uplift at joint 1 and 2018 lb uplift at joint 16.
8) This truss has been designed with ANSI/TPI 1-1995 criteria.

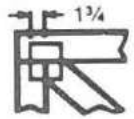
LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-142.5, 3-4=-142.5, 4-6=-142.5, 6-9=-142.5, 9-11=-142.5, 11-12=-142.5, 12-14=-142.5, 14-15=-142.5, 15-16=-90.0, 16-17=-90.0, 1-21=-31.7, 20-21=-31.7, 19-20=-31.7, 18-19=-31.7, 16-18=-31.7, 3-5=-52.5, 5-7=-52.5, 7-8=-52.5, 8-10=-52.5, 10-13=-52.5, 13-14=-52.5
Concentrated Loads (lb)
Vert: 2=-263 15=-263

CHAI TAN - CERTIFICATE No. 46765 - STATE OF FLORIDA - REGISTERED ENGINEER

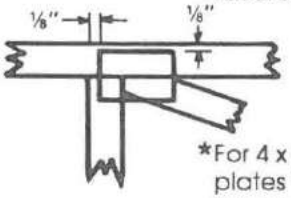
SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

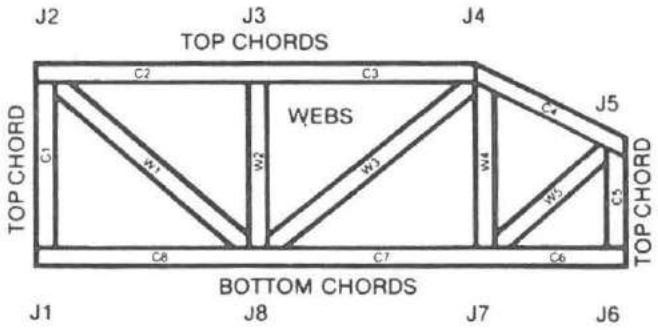
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	GB	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:28 2001 Page 1

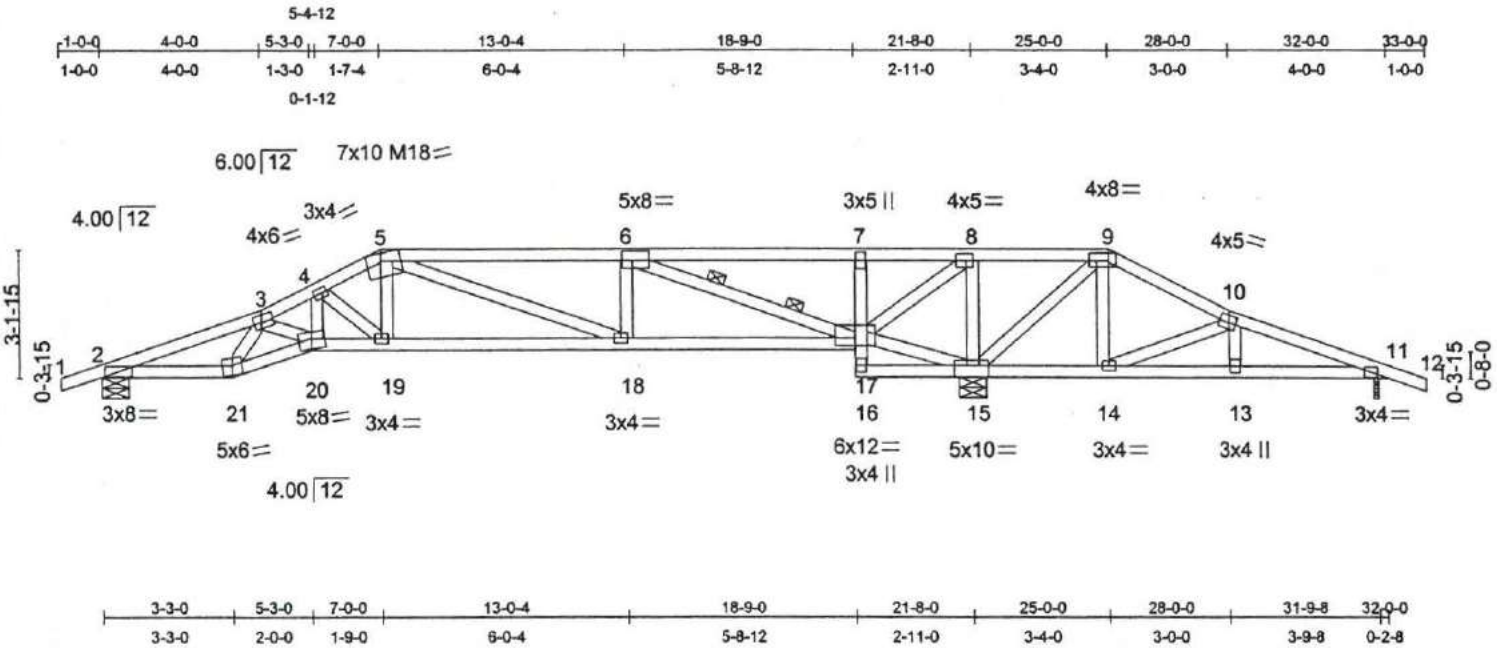


Plate Offsets (X,Y): [3:0-2-4,0-2-4], [4:0-1-4,0-1-8], [5:0-4-4,edge], [6:0-3-0,0-2-12], [8:0-2-0,0-2-0], [9:0-5-12,0-2-4], [10:0-2-0,0-2-4], [15:0-2-12,edge], [17:0-6-0,0-2-4], [20:0-4-0,0-3-0], [21:0-3-0,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.78	Vert(LL)	0.43	18-19	>602	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.90	Vert(TL)	-0.49	18-19	>526	M18	195/188
BCLL	0.0	Rep Stress Incr	NO	WB	0.97	Horz(TL)	0.15	15	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 165 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND "Except"
3-5 2 X 4 SYP SS, 5-9 2 X 4 SYP SS
BOT CHORD 2 X 4 SYP SS "Except"
2-21 2 X 4 SYP No.2D, 7-16 2 X 4 SYP No.2ND, 11-16 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 3-3-7 on center bracing.
WEBS 2 Rows at 1/3 pts 6-17

REACTIONS (lb/size) 2=1901/0-8-0, 11=-39/0-1-8, 15=5429/0-8-0
Max Horz 2=120(load case 4)
Max Uplift 2=-1280(load case 4), 11=-346(load case 6), 15=-3491(load case 4)
Max Grav 2=1920(load case 6), 11=221(load case 4), 15=5429(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-4645, 3-4=-6131, 4-5=-4744, 5-6=-3408, 6-7=1127, 7-8=1300, 8-9=3640, 9-10=1651, 10-11=1121, 11-12=27
BOT CHORD 2-21=4320, 20-21=5506, 19-20=5251, 18-19=4430, 17-18=3407, 16-17=-40, 7-17=-818, 15-16=-404, 14-15=-1414, 13-14=-1022, 11-13=-1000
WEBS 3-21=-1858, 3-20=225, 4-20=1589, 4-19=-1131, 5-19=982, 5-18=-1088, 6-18=570, 6-17=-4843, 8-17=2988, 8-15=-2467, 15-17=-3328, 9-15=-2933, 9-14=226, 10-14=-440, 10-13=209

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Provide adequate drainage to prevent water ponding.
5) All plates are M20 plates unless otherwise indicated.
6) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 11.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1280 lb uplift at joint 2, 346 lb uplift at joint 11 and 3491 lb uplift at joint 15.
8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-4=-90.0, 4-5=-90.0, 5-6=-187.5, 6-7=-187.5, 7-8=-187.5, 8-9=-187.5, 9-10=-90.0, 10-11=-90.0, 11-12=-90.0, 2-21=-41.7, 20-21=-41.7, 19-20=-41.7, 18-19=-41.7, 17-18=-41.7, 15-16=-41.7, 14-15=-41.7, 13-14=-41.7, 11-13=-41.7
Concentrated Loads (lb)
Vert: 5=-578 9=-578

SEP 0 4 2001

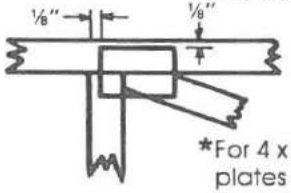
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

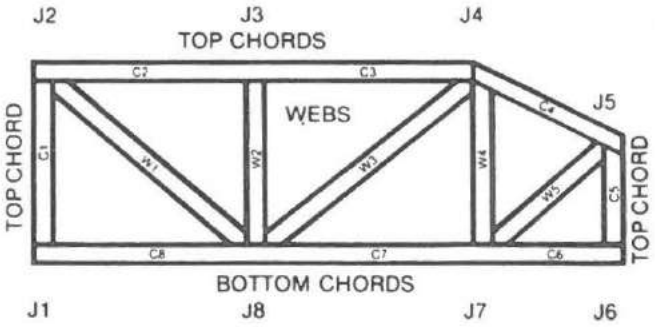
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	GA	ROOF TRUSS	1	2	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:23 2001 Page 1

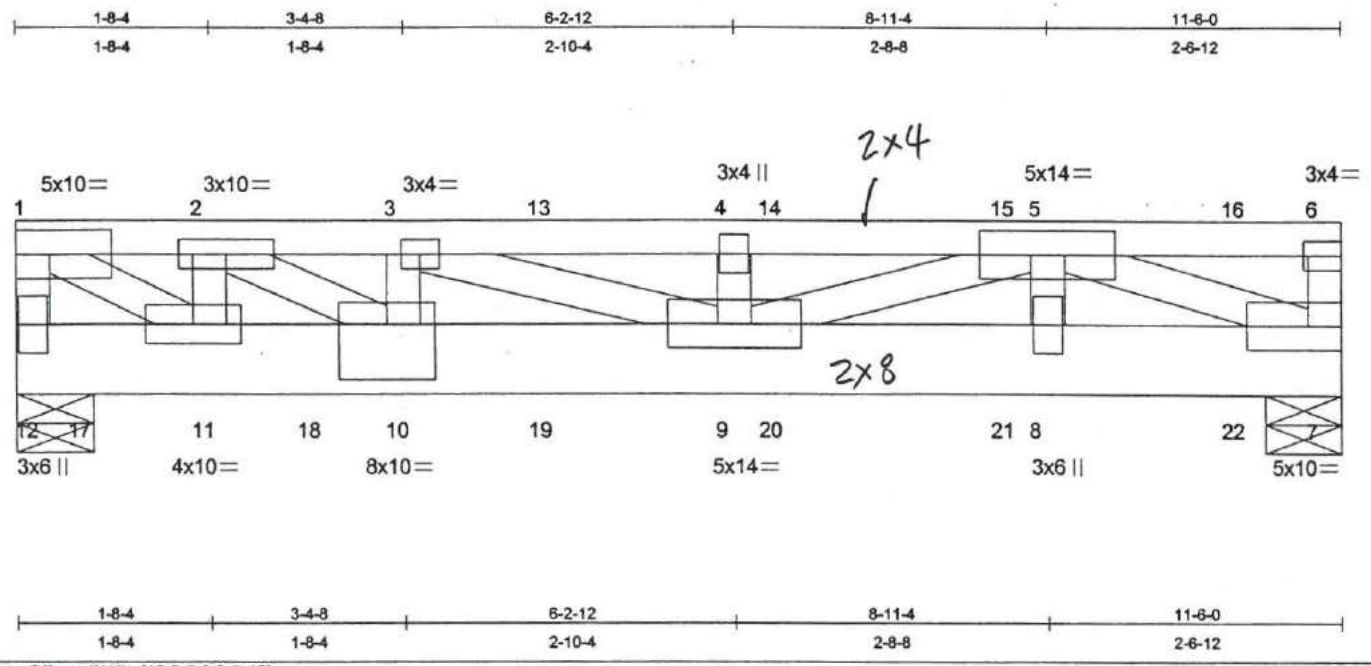


Plate Offsets (X,Y): [10:0-5-0,0-5-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.91	Vert(LL)	0.25	9-10	>544	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.73	Vert(TL)	-0.30	9-10	>442		
BCLL	0.0	Rep Stress Incr	NO	WB	0.95	Horz(TL)	0.03	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 146 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS
BOT CHORD 2 X 8 SYP 2400F 2.0E
WEBS 2 X 4 SYP No.3 "Except"
1-12 2 X 4 SYP No.2ND, 6-7 2 X 4 SYP No.2ND, 1-11 2 X 4 SYP No.2ND
2-10 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 2-7-1 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 8-0-9 on center bracing.

REACTIONS (lb/size) 12=7814/0-8-0, 7=5990/0-8-0
Max Uplift12=-2972(load case 2), 7=-3569(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-12=-6373, 1-2=-9688, 2-3=-17434, 3-13=-15889, 4-13=-15889, 4-14=-15889, 14-15=-15889, 5-15=-15889, 5-16=-1318, 6-16=-1318, 6-7=-1030
BOT CHORD 12-17=1191, 11-17=1191, 11-18=9688, 10-18=9688, 10-19=17434, 9-19=17434, 9-20=10543, 20-21=10543, 8-21=10543, 8-22=10543, 7-22=10543
WEBS 1-11=10288, 2-11=-4263, 2-10=9127, 3-10=-423, 3-9=-1646, 4-9=-1807, 5-9=5735, 5-8=445, 5-7=-10062

NOTES
1) 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows: Top chords connected with 1 row(s) at 0-5-0 on center. Bottom chords connected with 4 row(s) at 0-4-0 on center. Webs connected as follows: 2 X 4 - 1 row(s) at 0-9-0 on center.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
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) Except as shown below, special connection(s) required to support concentrated load(s). Design of connection(s) is delegated to the building designer.
5) Provide adequate drainage to prevent water ponding.
6) All plates are M20 plates unless otherwise indicated.
7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2972 lb uplift at joint 12 and 3569 lb uplift at joint 7.
8) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.
9) Load case(s) 4 has been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

LOAD CASE(S) Standard Except:
1) Regular: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=-90.0, 2-3=-90.0, 3-13=-90.0, 4-13=-90.0, 4-14=-90.0, 14-15=-90.0, 5-15=-90.0, 5-16=-90.0, 6-16=-90.0, 12-17=-20.0, 11-17=-20.0, 11-18=-20.0, 10-18=-20.0, 10-19=-20.0, 9-19=-20.0, 9-20=-20.0, 20-21=-20.0, 8-21=-20.0, 8-22=-20.0, 7-22=-20.0
Concentrated Loads (lb)
Vert: 11=-1445 10=-5104 13=-1081 14=-1081 15=-1081 16=-1081 17=-372 18=-237 19=-240 20=-240 21=-237 22=-372
4) 1st Wind Parallel: Lumber Increase=1.33, Plate Increase=1.33
Uniform Loads (plf)
Vert: 1-2=76.1, 2-3=76.1, 3-13=76.1, 4-13=76.1, 4-14=76.1, 14-15=76.1, 5-15=76.1, 5-16=76.1, 6-16=76.1, 12-17=-10.0, 11-17=-10.0, 11-18=-10.0, 10-18=-10.0, 10-19=-10.0, 9-19=-10.0, 9-20=-10.0, 20-21=-10.0, 8-21=-10.0, 8-22=-10.0, 7-22=-10.0
Concentrated Loads (lb)
Vert: 11=-1465 10=3069 13=602 14=623 15=671 16=727 17=286 18=352 19=211 20=211 21=226 22=286

SEP 0 4 2001

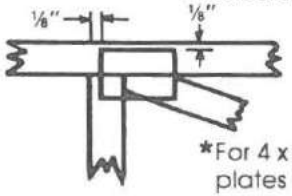
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

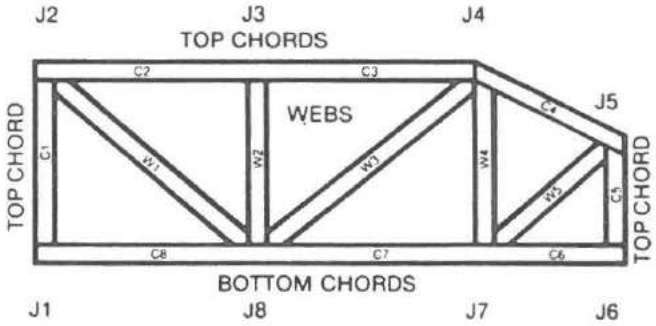
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

40597	C	ROOF TRUSS	1	1	

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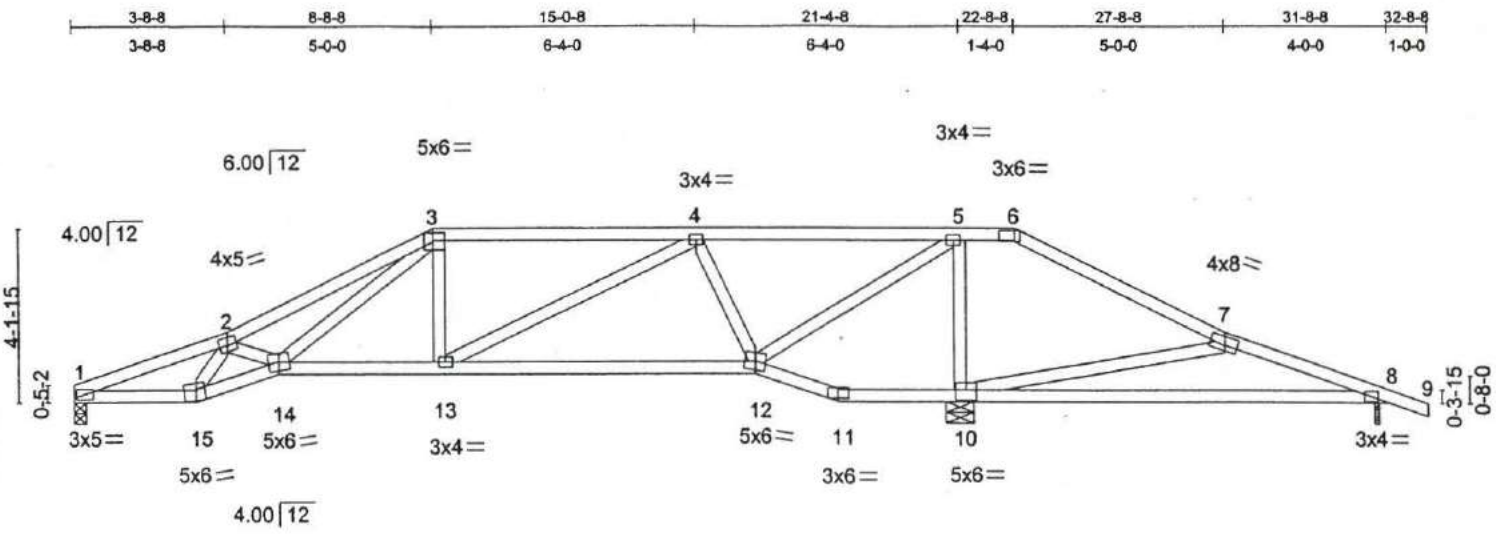


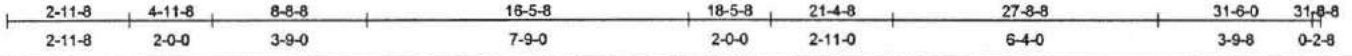


Plate Offsets (X,Y): [2:0-2-4,0-2-4], [3:0-3-8,0-2-4], [6:0-4-8,0-2-12], [7:0-4-0,0-0-12], [10:0-3-0,0-3-0], [11:0-3-0,0-1-0], [15:0-2-7,edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.99	Vert(LL)	0.23	13-14	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.69	Vert(TL)	-0.25	13-14	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.70	Horz(TL)	-0.07	1	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 153 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-9-11 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 4-2-11 on center bracing.

REACTIONS (lb/size) 1=1039/0-3-8, 8=402/0-1-8, 10=2118/0-8-0
Max Horz 10=-182(load case 5)
Max Uplift1=-641(load case 4), 8=-470(load case 5), 10=-1059(load case 4)
Max Grav8=453(load case 7), 10=2118(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-2479, 2-3=-3102, 3-4=-1627, 4-5=-753, 5-6=536, 6-7=632, 7-8=-392, 8-9=26
BOT CHORD 1-15=2265, 14-15=2867, 13-14=1632, 12-13=1107, 11-12=-528, 10-11=-529, 8-10=355
WEBS 2-15=-942, 2-14=-24, 3-14=1403, 3-13=-117, 4-13=585, 4-12=-875, 5-12=1529, 5-10=-1674, 7-10=-904

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 8.
6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 641 lb uplift at joint 1, 470 lb uplift at joint 8 and 1059 lb uplift at joint 10.
7) This truss has been designed with ANSI/TPI 1-1995 criteria.

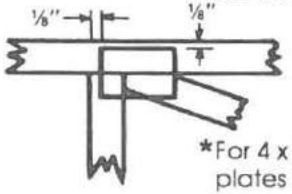
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

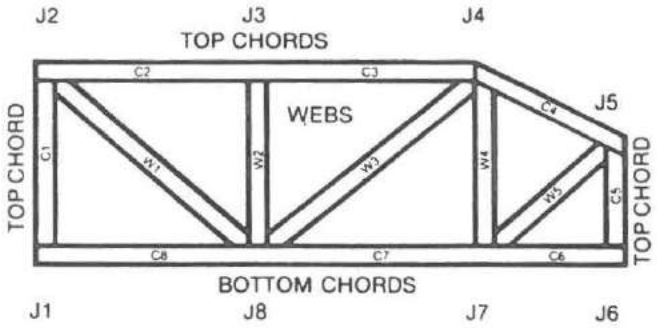
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	E	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:16 2001 Page 1

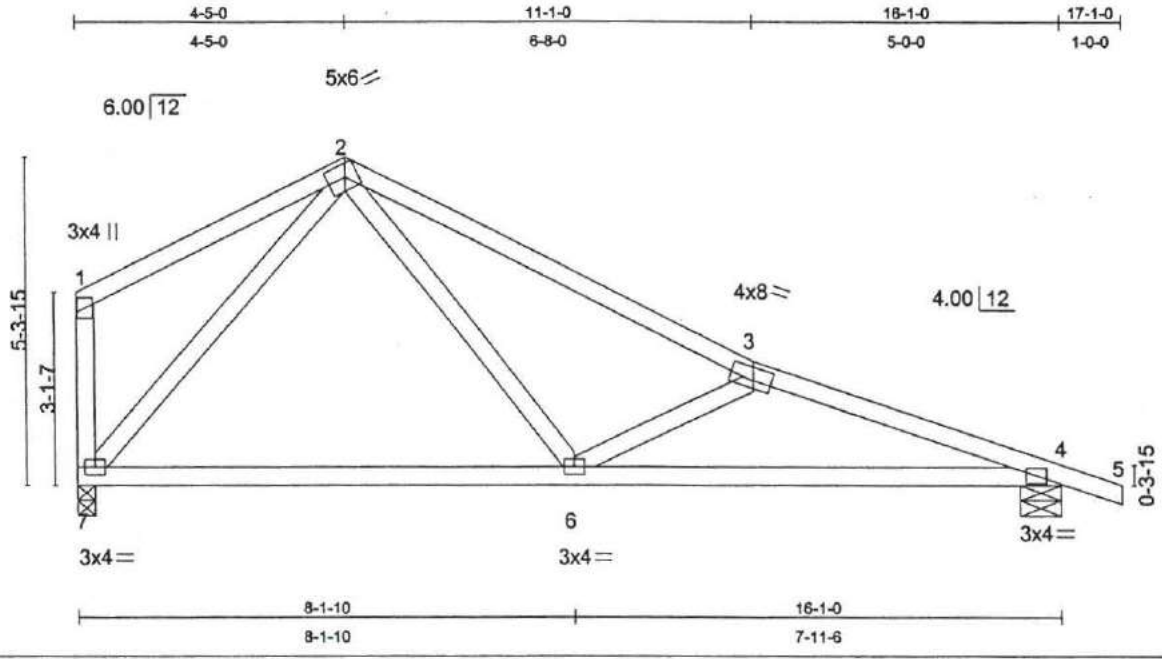


Plate Offsets (X,Y): [2:0-3-8,0-2-8], [3:0-4-0,0-0-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.77	Vert(LL)	0.08	4-6	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.54	Vert(TL)	-0.16	4-6	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.62	Horz(TL)	0.03	4	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 79 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
1-7 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 3-7-10 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-13 on center bracing.

REACTIONS (lb/size) 7=865/0-3-8, 4=975/0-8-0
Max Horz 7=-399(load case 5)
Max Uplift7=-430(load case 5), 4=-614(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=49, 2-3=-1297, 3-4=-1977, 4-5=26, 1-7=-168
BOT CHORD 6-7=580, 4-6=1829
WEBS 2-6=774, 3-6=-908, 2-7=-813

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 430 lb uplift at joint 7 and 614 lb uplift at joint 4.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

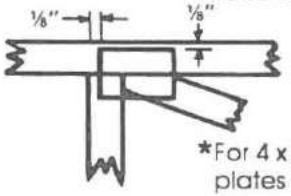
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

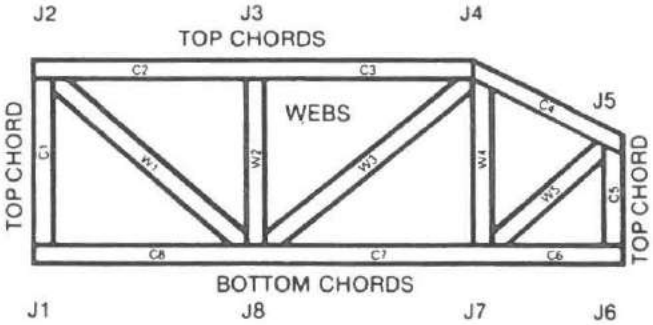
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	BZ	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:13 2001 Page 1

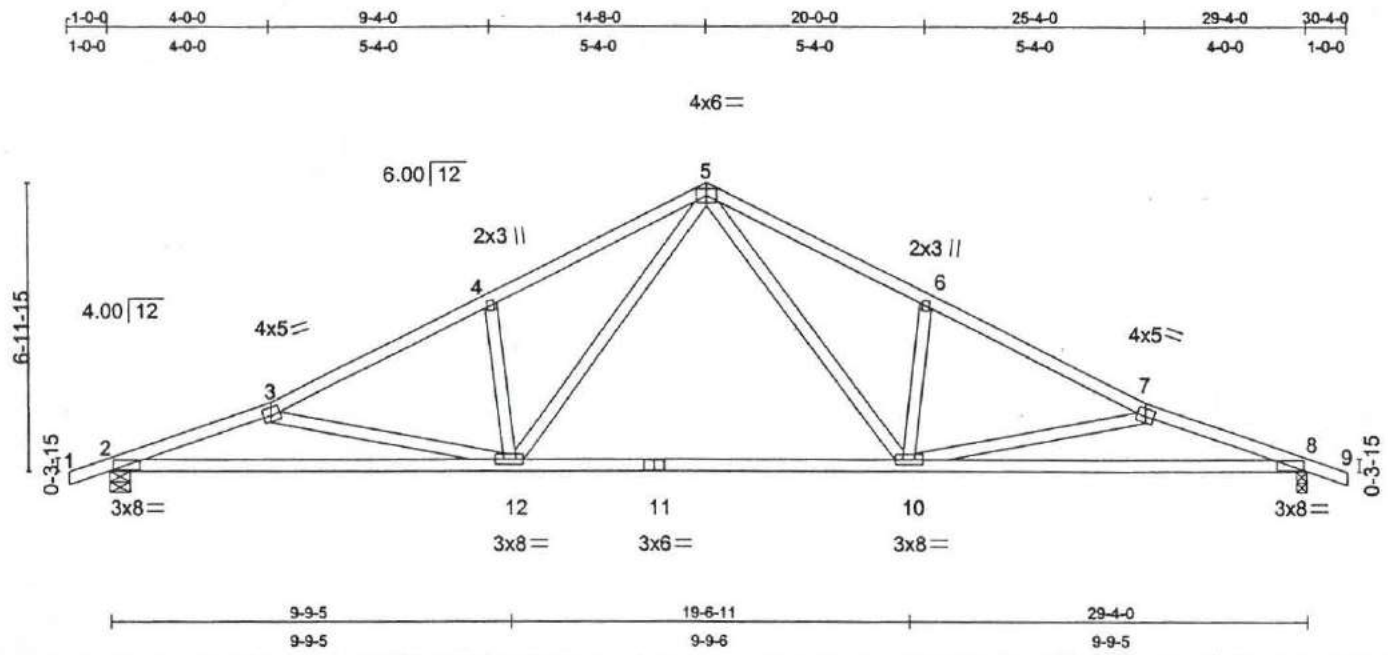


Plate Offsets (X,Y): [3:0-3-5,0-1-4], [7:0-2-7,0-2-4], [10:0-2-8,0-1-8], [12:0-2-8,0-1-8]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl		PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.80	Vert(LL)	0.35 10-12 >991	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	1.00	Vert(TL)	-0.54 10-12 >652		
BCLL	0.0	Rep Stress Incr	YES	WB	1.00	Horz(TL)	0.14 8 n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360		Weight: 147 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND *Except*
8-11 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 3-9-4 on center bracing.

REACTIONS (lb/size) 2=1702/0-6-0, 8=1700/0-3-0
Max Horz 2=255(load case 4)
Max Uplift2=-957(load case 4), 8=-955(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-4134, 3-4=-2924, 4-5=-2873, 5-6=-2877, 6-7=-2928, 7-8=-4155, 8-9=26
BOT CHORD 2-12=3863, 11-12=1748, 10-11=1748, 8-10=3884
WEBS 3-12=-1368, 4-12=-482, 5-12=1231, 5-10=1237, 6-10=-480, 7-10=-1388

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3)-All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 957 lb uplift at joint 2 and 955 lb uplift at joint 8.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

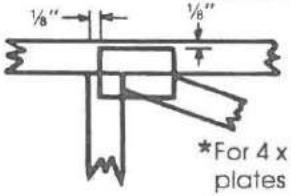
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

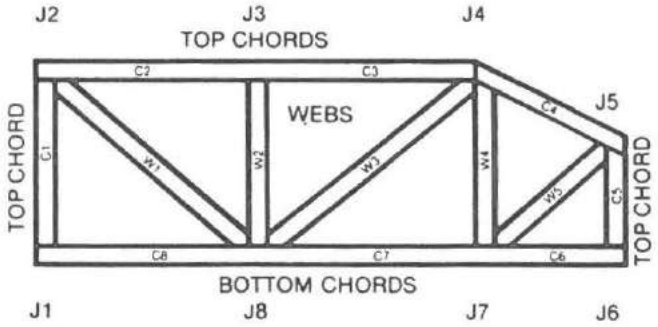
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AY	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce FL 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:10 2001 Page 1

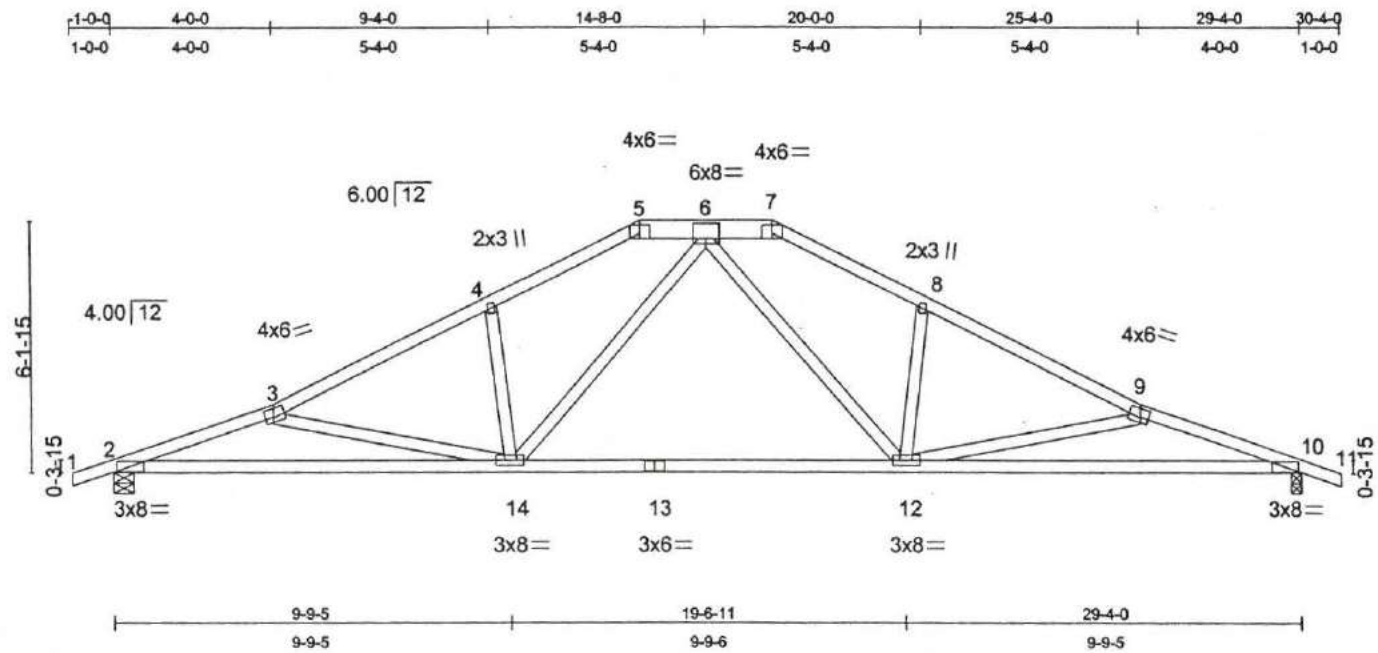


Plate Offsets (X,Y): [3:0-3-0,0-0-12], [5:0-3-0,edge], [6:0-4-0,0-4-8], [9:0-3-0,0-0-12], [12:0-2-8,0-1-8], [14:0-2-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.72	Vert(LL)	0.39	12-14	>895	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	1.00	Vert(TL)	-0.57	12-14	>610		
BCLL	0.0	Rep Stress Incr	YES	WB	0.93	Horz(TL)	0.14	10	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 147 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
5-7 2 X 6 SYP 2400F 2.0E
BOT CHORD 2 X 4 SYP No.2ND *Except*
10-13 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 3-8-2 on center bracing.

REACTIONS (lb/size) 2=1702/0-6-0, 10=1700/0-3-0
Max Horz 2=223(load case 4)
Max Uplift2=-992(load case 4), 10=-930(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-4156, 3-4=-2905, 4-5=-2795, 7-8=-2798, 8-9=-2909, 9-10=-4177, 10-11=26, 5-6=-2467, 6-7=-2470
BOT CHORD 2-14=3886, 13-14=1763, 12-13=1763, 10-12=3908
WEBS 3-14=-1420, 4-14=-310, 6-14=1092, 6-12=1097, 8-12=-307, 9-12=-1440

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 992 lb uplift at joint 2 and 930 lb uplift at joint 10.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

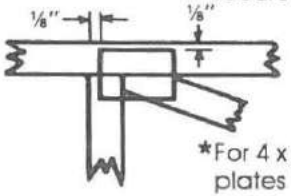
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

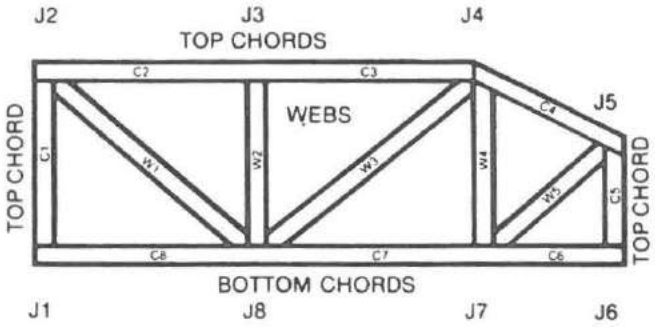
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilla Const / Baum
49597	AX	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:07 2001 Page 1

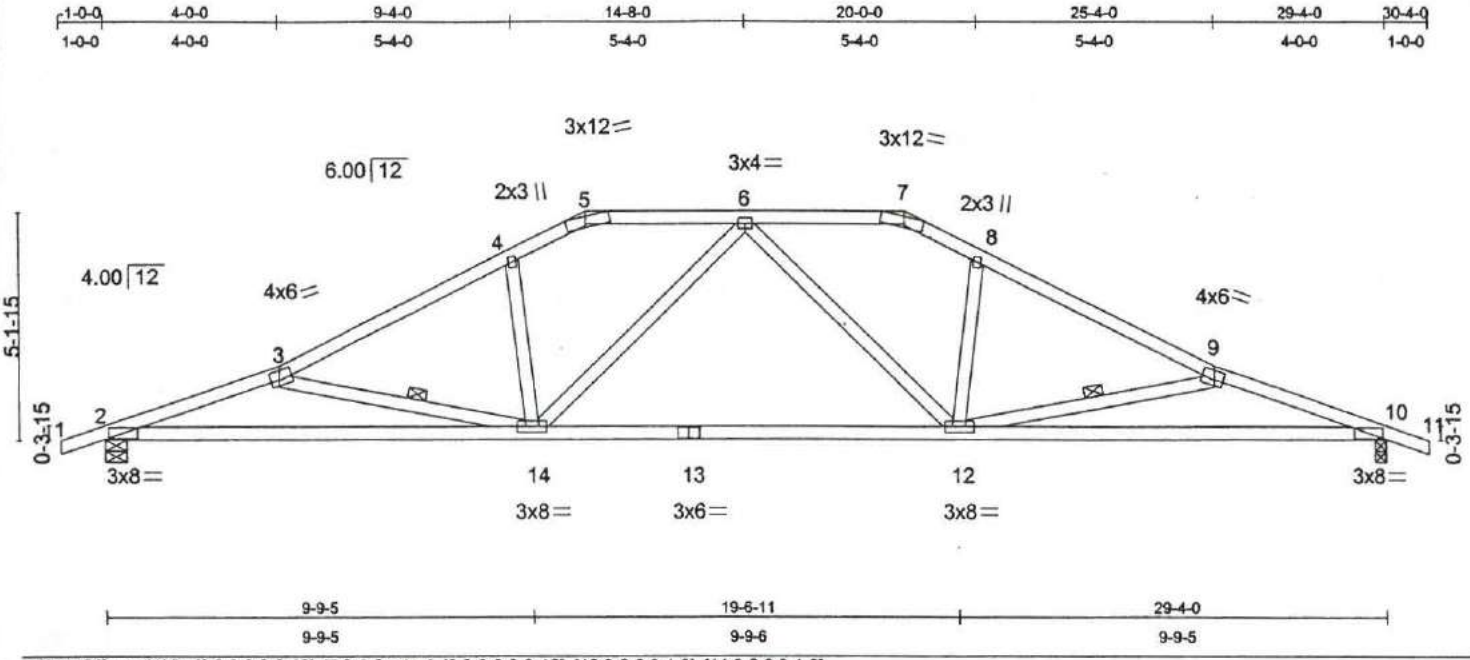


Plate Offsets (X,Y): [3:0-3-0,0-0-12], [7:0-5-3,edge], [9:0-3-0,0-0-12], [12:0-2-8,0-1-8], [14:0-2-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.78	Vert(LL)	0.58	12-14	>605	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	1.00	Vert(TL)	-0.80	12-14	>436		
BCLL	0.0	Rep Stress Incr	YES	WB	0.46	Horz(TL)	0.16	10	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 142 lb	

LUMBER
TOP CHORD 2 X 4 SYP SS *Except*
1-3 2 X 4 SYP No.2ND, 9-11 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 3-6-10 on center bracing.
WEBS 1 Row at midpt 3-14, 9-12

REACTIONS (lb/size) 2=1702/0-6-0, 10=1700/0-3-0
Max Horz 2=191(load case 4)
Max Uplift 2=-1027(load case 4), 10=-895(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-4209, 3-4=-2835, 4-5=-2498, 7-8=-2500, 8-9=-2839, 9-10=-4226, 10-11=26, 5-6=-2451, 6-7=-2454
BOT CHORD 2-14=3943, 13-14=2243, 12-13=2243, 10-12=3961
WEBS 3-14=-1575, 4-14=355, 6-14=295, 6-12=299, 8-12=356, 9-12=-1591

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1027 lb uplift at joint 2 and 895 lb uplift at joint 10.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

ENG - CHAI TAN CERTIFICATE No. 46765 STATE OF FLORIDA REGISTERED ENGINEER

SEP 0 4 2001

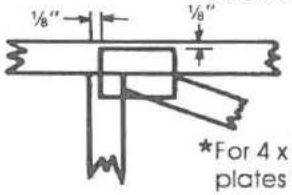
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

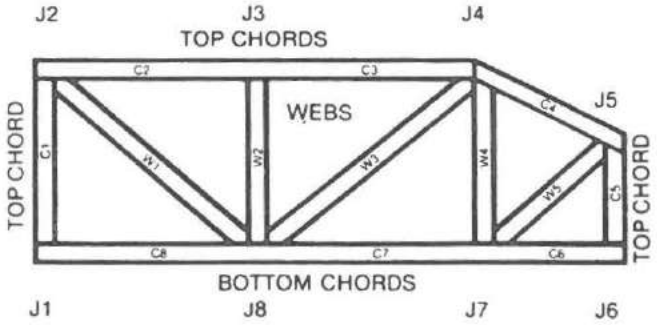
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

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HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AW	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:04 2001 Page 1

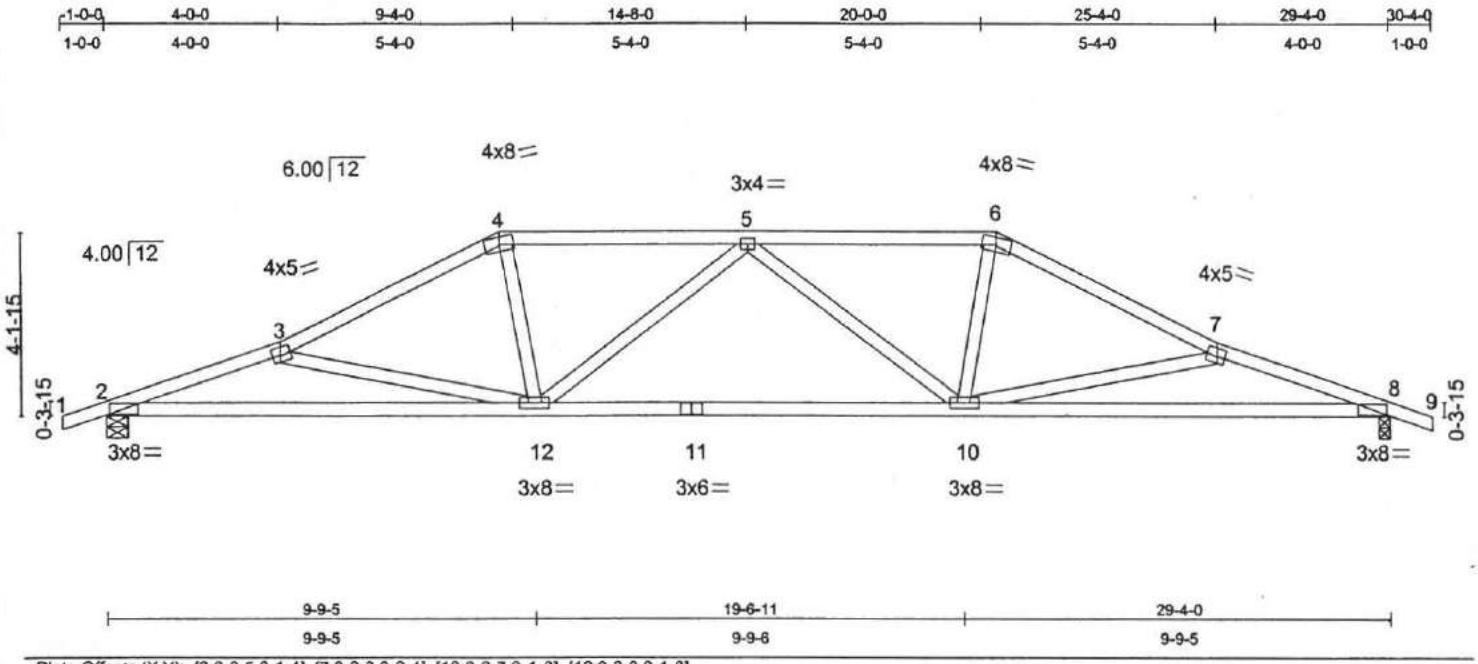


Plate Offsets (X,Y): [3:0-3-5,0-1-4], [7:0-2-3,0-2-4], [10:0-2-7,0-1-8], [12:0-2-8,0-1-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.77	Vert(LL)	0.40	10-12	>873	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	1.00	Vert(TL)	-0.58	10-12	>606		
BCLL	0.0	Rep Stress Incr	YES	WB	0.86	Horz(TL)	0.17	8	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 139 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 3-7-4 on center bracing.

REACTIONS (lb/size) 2=1702/0-6-0, 8=1700/0-3-0
Max Horz 2=155(load case 4)
Max Uplift2=-1056(load case 4), 8=-853(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-4109, 3-4=-2940, 6-7=-2944, 7-8=-4126, 8-9=26, 4-5=-2711, 5-6=-2714
BOT CHORD 2-12=3836, 11-12=3021, 10-11=3021, 8-10=3855
WEBS 3-12=-1316, 4-12=768, 5-12=-397, 5-10=-393, 6-10=770, 7-10=-1332

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1056 lb uplift at joint 2 and 853 lb uplift at joint 8.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

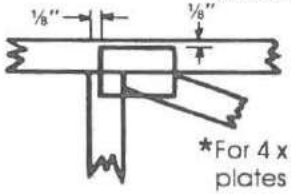
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^1/_8$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

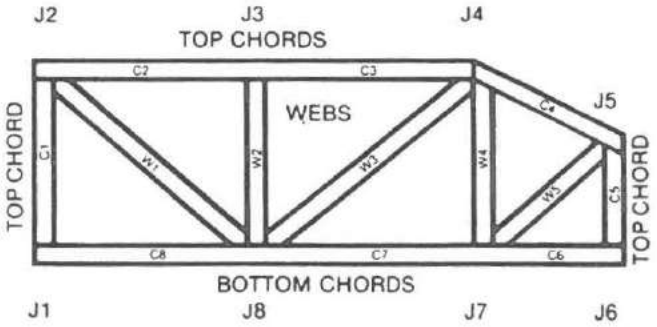
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^1/_4$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
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12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AV	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce FL 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:02:00 2001 Page 1

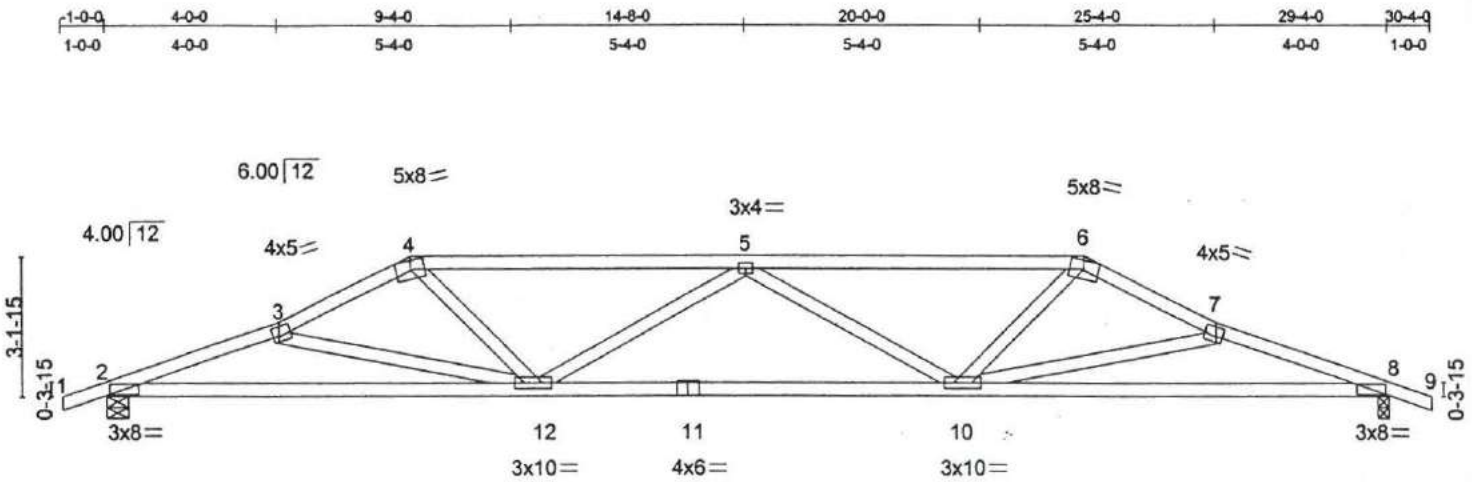


Plate Offsets (X,Y): [3:0-2-13,0-1-0], [7:0-1-11,0-2-8], [10:0-0-0,0-0-0], [11:0-3-0,edge]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.95	Vert(LL)	0.44	10-12	>794	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.91	Vert(TL)	-0.58	10-12	>600		
BCLL	0.0	Rep Stress Incr	YES	WB	0.65	Horz(TL)	0.15	8	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 137 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND "Except"
4-6 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2D
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 4-0-2 on center bracing.

REACTIONS (lb/size) 2=1702/0-6-0, 8=1700/0-3-0
Max Horz 2=120(load case 4)
Max Uplift2=-1079(load case 4), 8=-933(load case 3)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-4027, 3-4=-3083, 6-7=-3086, 7-8=-4033, 8-9=26, 4-5=-3565, 5-6=-3569
BOT CHORD 2-12=3736, 11-12=4163, 10-11=4163, 8-10=3755
WEBS 3-12=-1006, 4-12=1132, 5-12=-699, 5-10=-694, 6-10=1134, 7-10=-1022

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1079 lb uplift at joint 2 and 933 lb uplift at joint 8.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

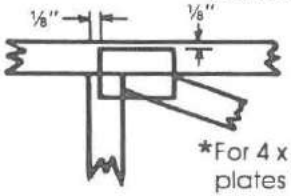
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

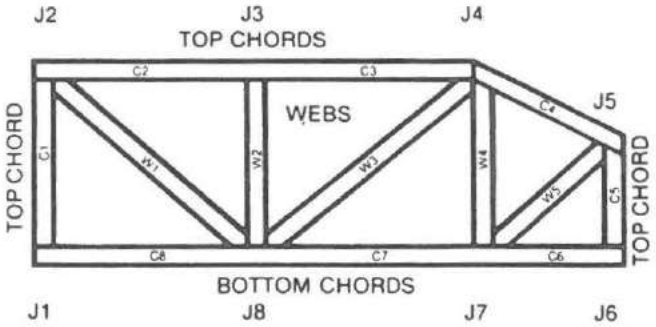
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AU	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:58 2001 Page 1

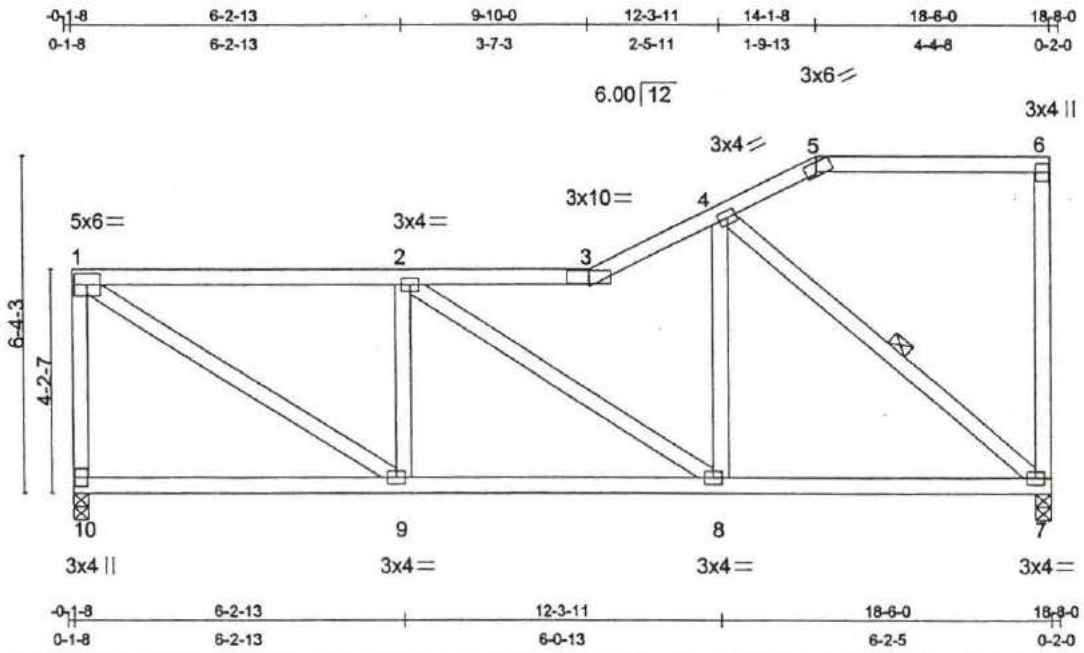


Plate Offsets (X,Y): [5:0-3-0,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.87	Vert(LL)	0.14	8-9	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.32	Vert(TL)	-0.18	8-9	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.63	Horz(TL)	-0.02	7	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 114 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D *Except*
5-6 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-3-2 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-3-6 on center bracing.
WEBS 1 Row at midpt 4-7

REACTIONS (lb/size) 10=1001/0-3-8, 7=1001/0-3-8
Max Horz 10=206(load case 4)
Max Uplift10=-546(load case 4), 7=-659(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-10=-938, 1-2=-1176, 2-3=-886, 3-4=-850, 4-5=-179, 5-6=-28, 6-7=-206
BOT CHORD 9-10=49, 8-9=1176, 7-8=886
WEBS 1-9=1339, 2-9=-599, 2-8=-344, 4-8=295, 4-7=-1125

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3).Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 546 lb uplift at joint 10 and 659 lb uplift at joint 7.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

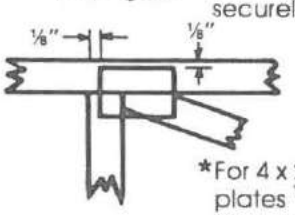
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

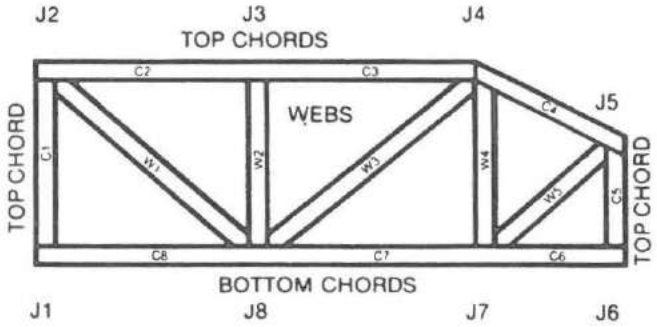
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19 % at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AT	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:53 2001 Page 1

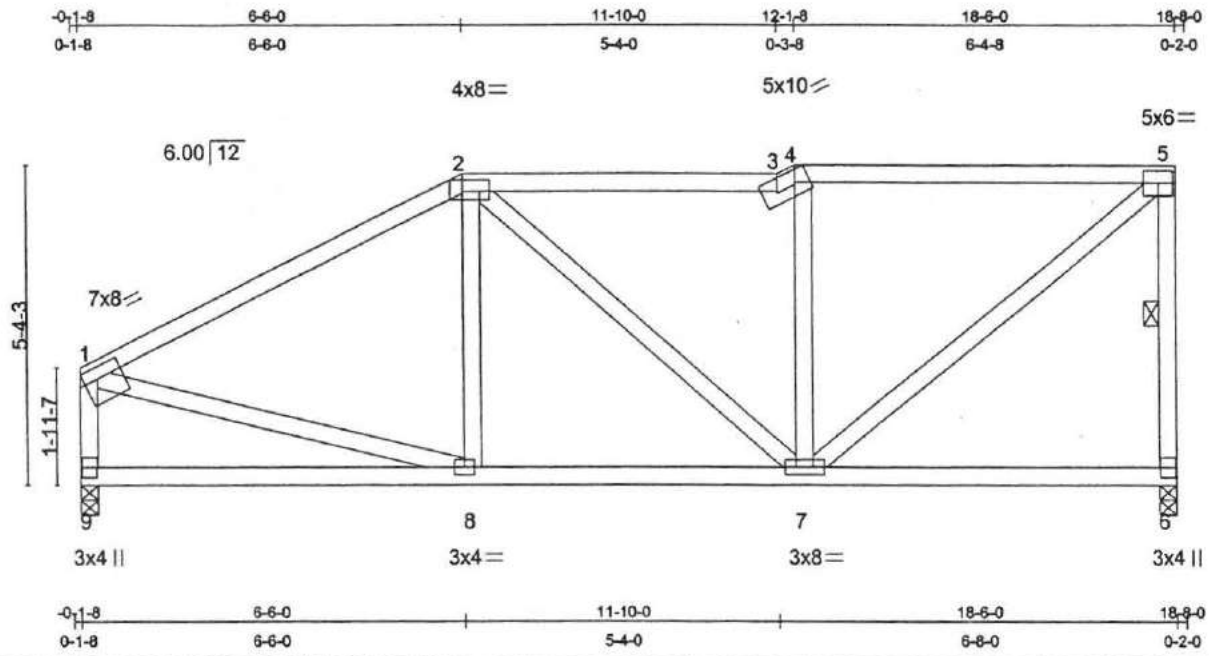


Plate Offsets (X,Y): [1:edge,0-2-4], [2:0-5-8,0-2-4], [4:0-3-1,0-2-6]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.68	Vert(LL)	0.06 7-8	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.27	Vert(TL)	-0.07 7-8	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.80	Horz(TL)	-0.02 6	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360			Weight: 111 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
1-9 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 4-8-4 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-9-7 on center bracing.
WEBS 1 Row at midpt 5-6

REACTIONS (lb/size) 6=1024/0-3-8, 9=1014/0-3-8
Max Horz 9=327(load case 4)
Max Uplift6=-671(load case 4), 9=-545(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-1171, 2-3=-914, 3-4=-706, 4-5=-898, 5-6=-957, 1-9=-941
BOT CHORD 8-9=210, 7-8=932, 6-7=50
WEBS 2-8=-76, 2-7=-24, 4-7=-580, 5-7=1101, 1-8=749

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 671 lb uplift at joint 6 and 545 lb uplift at joint 9.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

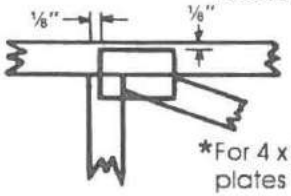
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

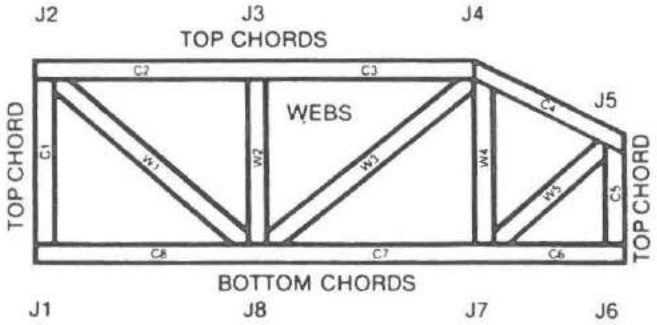
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AS	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:50 2001 Page 1

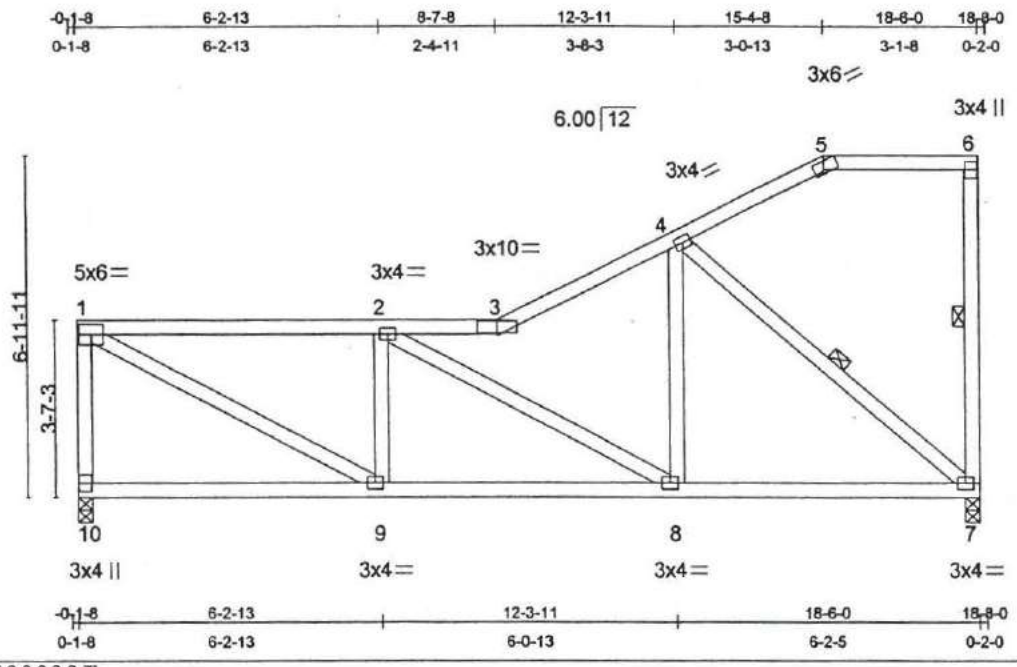


Plate Offsets (X,Y): [5:0-3-0,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.84	Vert(LL)	0.15	8-9	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.36	Vert(TL)	-0.19	8-9	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	-0.03	7	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 113 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D *Except*
5-6 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-3-2 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-8-7 on center bracing.
WEBS 1 Row at midpt 6-7, 4-7

REACTIONS (lb/size) 10=1001/0-3-8, 7=1001/0-3-8
Max Horz 10=324(load case 4)
Max Uplift 10=-513(load case 4), 7=-691(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-10=-937, 1-2=-1401, 2-3=-876, 3-4=-936, 4-5=-175, 5-6=-28, 6-7=-212
BOT CHORD 9-10=58, 8-9=1401, 7-8=878
WEBS 1-9=1528, 2-9=-608, 2-8=-595, 4-8=394, 4-7=-1115

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 513 lb uplift at joint 10 and 691 lb uplift at joint 7.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

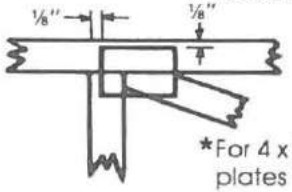
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

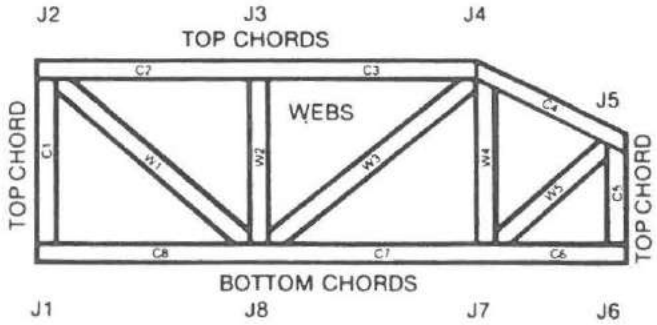
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AR	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:47 2001 Page 1

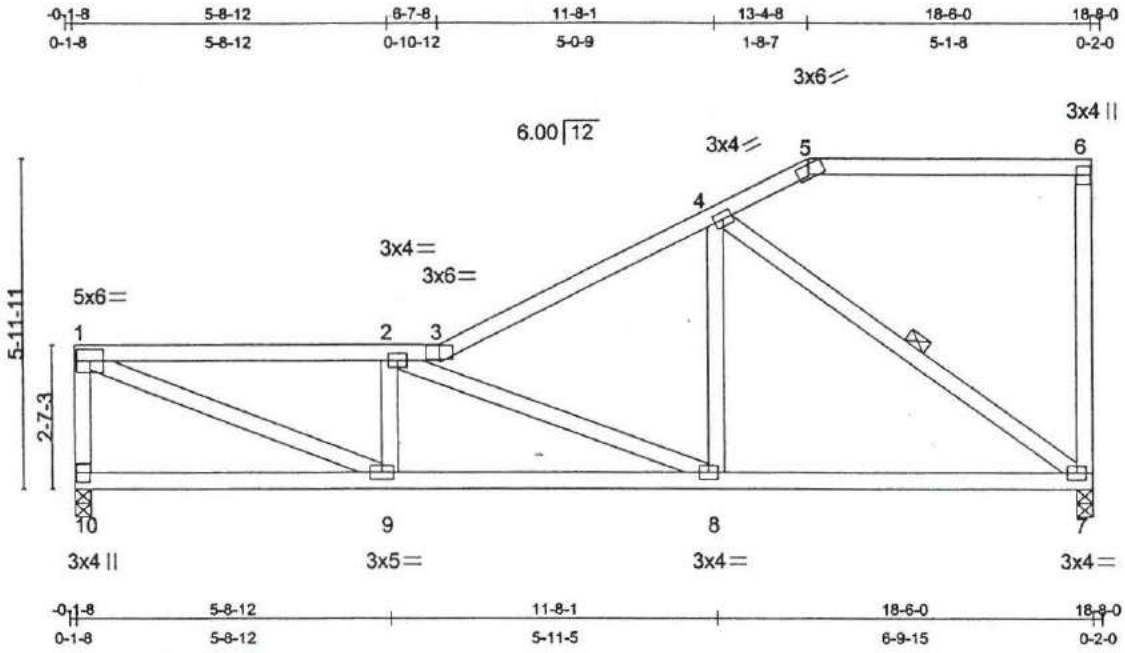


Plate Offsets (X,Y): [5:0-3-0,0-0-7]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.80	Vert(LL)	0.15	8-9	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.45	Vert(TL)	-0.18	8-9	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.68	Horz(TL)	-0.03	7	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 106 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-4-8 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-0-2 on center bracing.
WEBS 1 Row at midpt 4-7

REACTIONS (lb/size) 10=1001/0-3-8, 7=1001/0-3-8
Max Horz 10=324(load case 4)
Max Uplift10=-531(load case 4), 7=-673(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-10=-934, 1-2=-1864, 2-3=-957, 3-4=-1115, 4-5=-198, 5-6=-52, 6-7=-267
BOT CHORD 9-10=93, 8-9=1864, 7-8=969
WEBS 1-9=1916, 2-9=-634, 2-8=-960, 4-8=472, 4-7=-1130

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 531 lb uplift at joint 10 and 673 lb uplift at joint 7.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

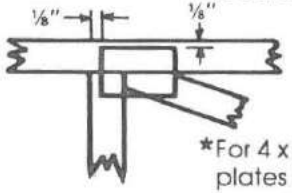
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

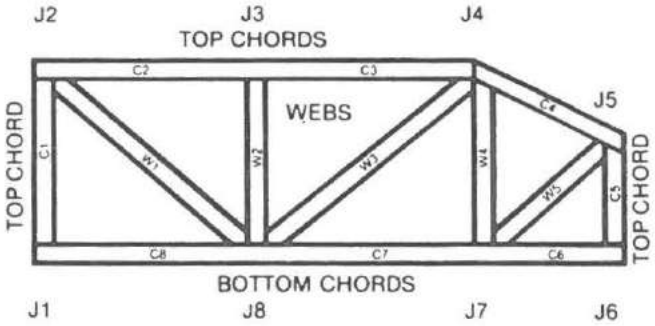
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AQ	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:44 2001 Page 1

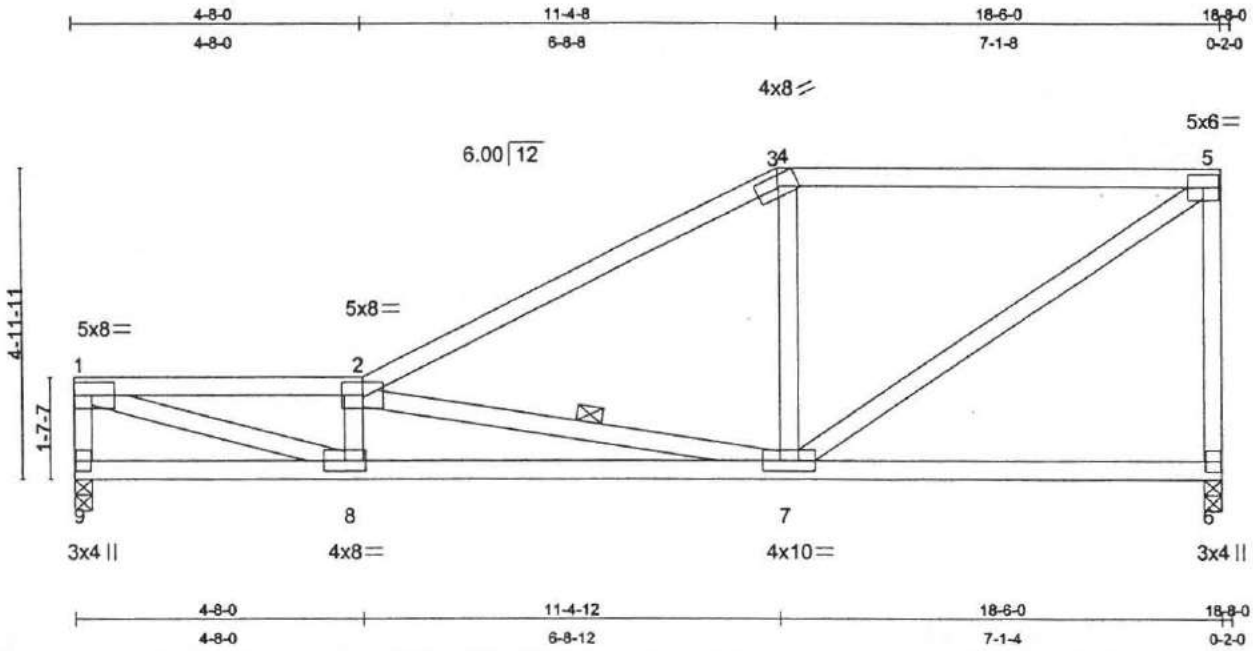


Plate Offsets (X,Y): [3:0-4-1,0-1-15]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	1.00	Vert(LL)	0.24	7-8	>914	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.68	Vert(TL)	-0.30	7-8	>729		
BCLL	0.0	Rep Stress Incr	YES	WB	0.96	Horz(TL)	-0.03	6	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 101 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 3-3-14 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 4-1-2 on center bracing.
WEBS 1 Row at midpt 2-7

REACTIONS (lb/size) 9=1005/0-3-8, 6=1008/0-3-8
Max Horz 9=322(load case 4)
Max Uplift 9=-550(load case 4), 6=-657(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-9=-931, 1-2=-2618, 2-3=-1265, 3-4=-1024, 4-5=-1024, 5-6=-941
BOT CHORD 8-9=190, 7-8=2692, 6-7=66
WEBS 1-8=2538, 2-8=-676, 2-7=-1698, 4-7=-180, 5-7=1163

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 550 lb uplift at joint 9 and 657 lb uplift at joint 6.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

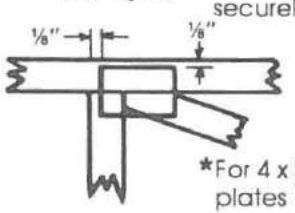
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

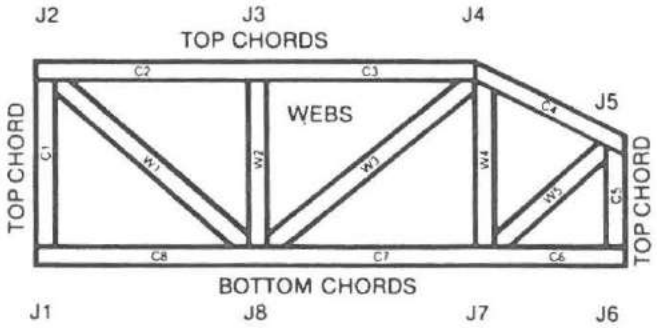
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AP	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:40 2001 Page 1

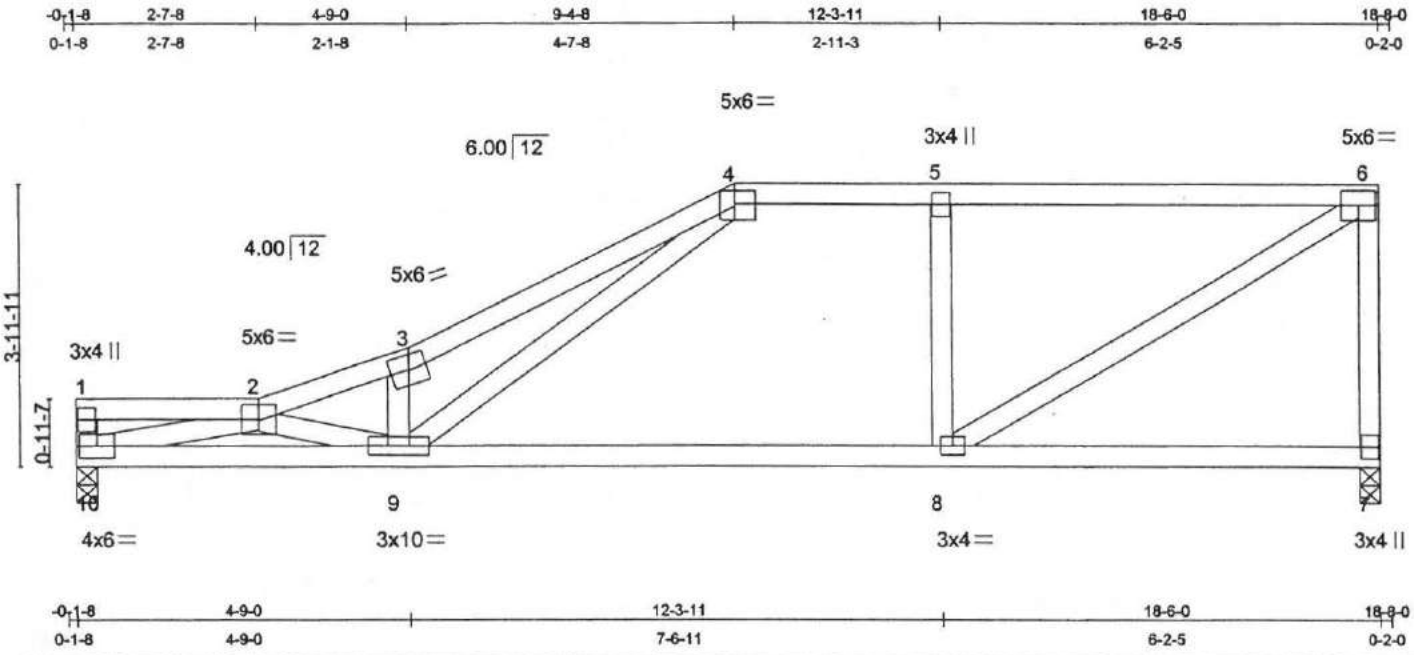


Plate Offsets (X,Y): [4:0-3-8,0-2-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.83	Vert(LL)	0.33	8-9	>661	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.66	Vert(TL)	-0.37	8-9	>588		
BCLL	0.0	Rep Stress Incr	YES	WB	0.80	Horz(TL)	0.04	7	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 93 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-8-11 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 3-10-5 on center bracing.

REACTIONS (lb/size) 10=1001/0-3-8, 7=1001/0-3-8
Max Horz 10=290(load case 4)
Max Uplift10=-568(load case 4), 7=-637(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-10=-252, 1-2=-367, 2-3=-2729, 3-4=-3129, 4-5=-1223, 5-6=-1223, 6-7=-955
BOT CHORD 9-10=2938, 8-9=1223, 7-8=62
WEBS 2-10=-2660, 2-9=-354, 3-9=-961, 4-9=1870, 5-8=-532, 6-8=1359

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 568 lb uplift at joint 10 and 637 lb uplift at joint 7.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

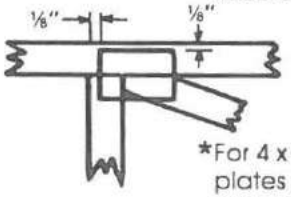
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

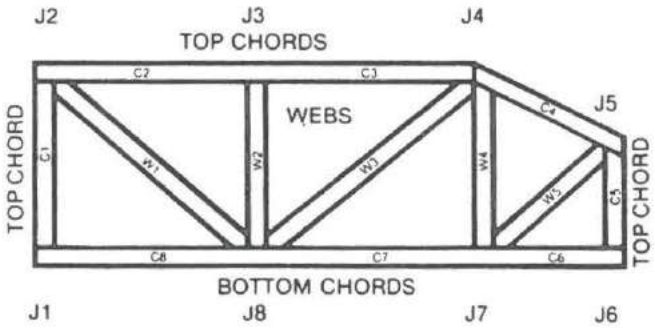
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AO	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:37 2001 Page 1

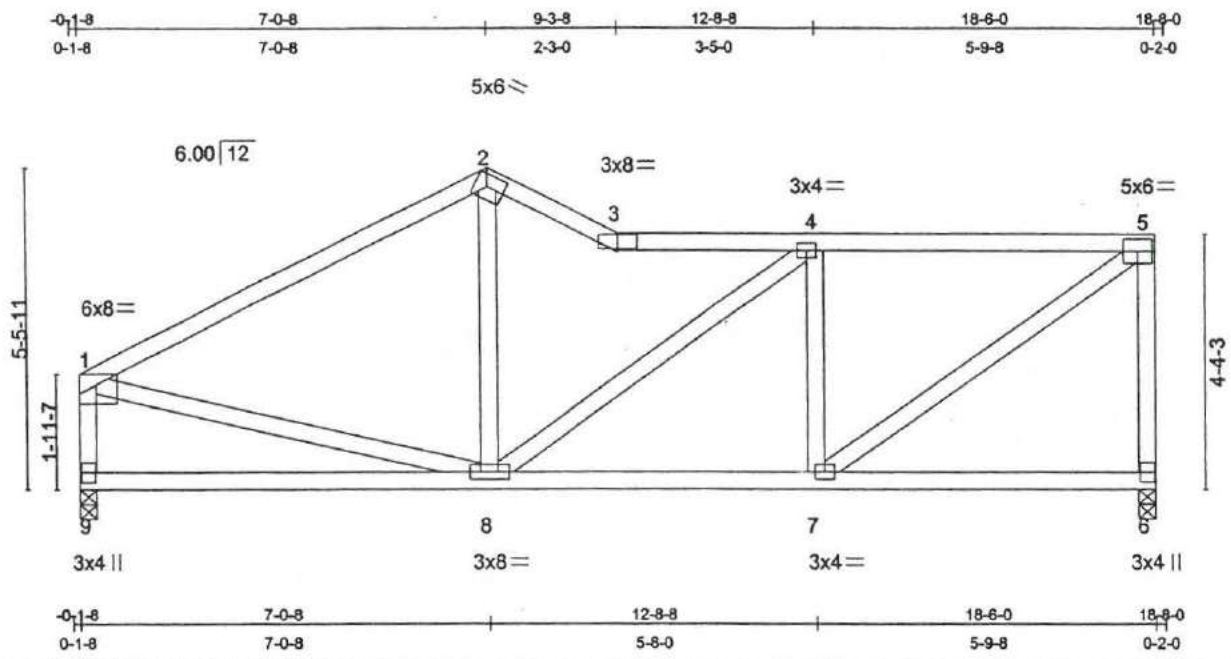


Plate Offsets (X,Y): [1:edge,0-2-3], [2:0-3-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.97	Vert(LL)	0.14	7-8	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.28	Vert(TL)	-0.16	7-8	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.59	Horz(TL)	0.01	6	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 107 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
1-9 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 3-1-1 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-4-2 on center bracing.

REACTIONS (lb/size) 6=1001/0-3-8, 9=1001/0-3-8
Max Horz 9=264(load case 4)
Max Uplift6=-569(load case 5), 9=-432(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-1164, 2-3=-887, 3-4=-930, 4-5=-1076, 5-6=-942, 1-9=-920
BOT CHORD 8-9=215, 7-8=1076, 6-7=42
WEBS 2-8=37, 4-8=-180, 4-7=-630, 5-7=1274, 1-8=737

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 569 lb uplift at joint 6 and 432 lb uplift at joint 9.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

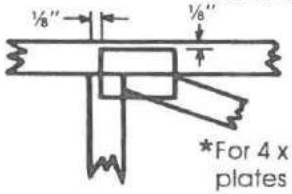
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

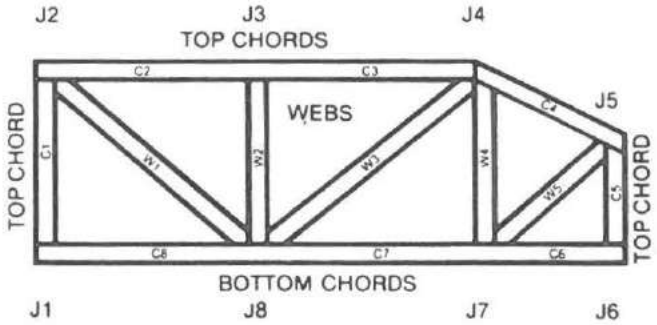
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AN	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:33 2001 Page 1

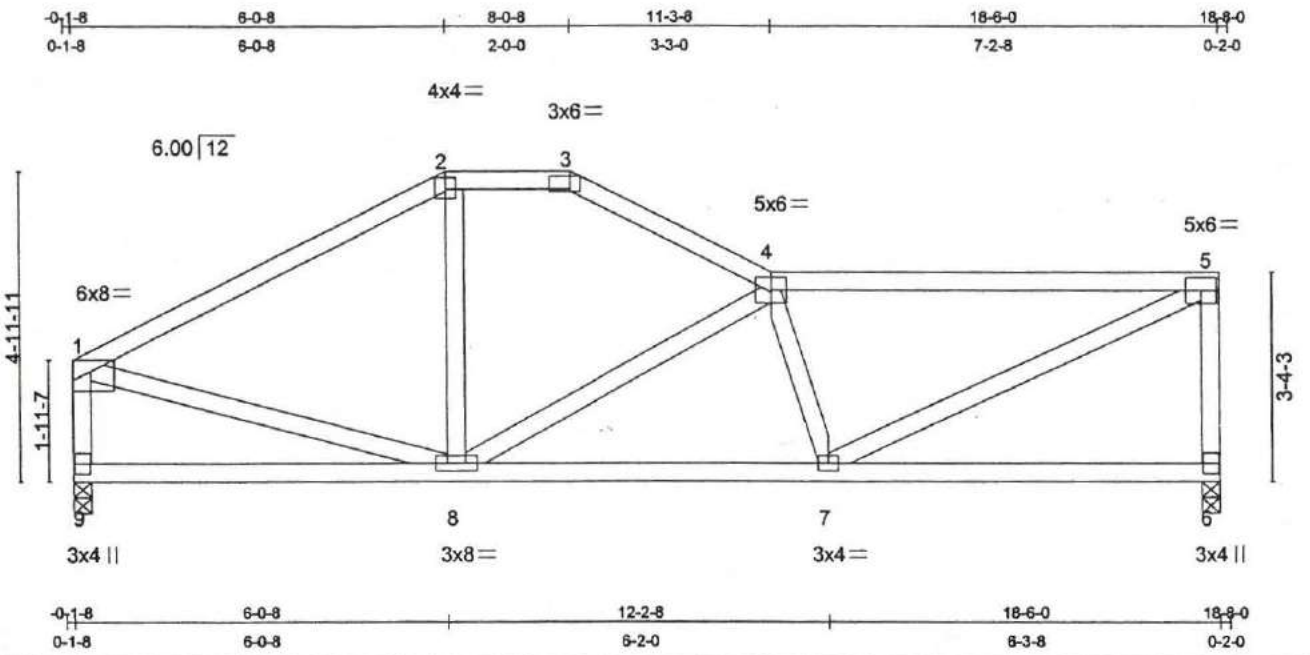


Plate Offsets (X,Y): [1:edge,0-2-3], [2:0-2-0,0-2-4], [3:0-4-0,0-1-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.70	Vert(LL)	0.12	7-8	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.38	Vert(TL)	-0.16	7-8	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.53	Horz(TL)	0.02	6	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 101 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
5-6 2 X 4 SYP No.2ND, 1-9 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 3-7-15 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-6-3 on center bracing.

REACTIONS (lb/size) 6=1001/0-3-8, 9=1001/0-3-8
Max Horz 9=186(load case 4)
Max Uplift 6=-540(load case 5), 9=-470(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-1113, 2-3=-878, 3-4=-1024, 4-5=-1328, 5-6=-927, 1-9=-930
BOT CHORD 8-9=242, 7-8=1470, 6-7=156
WEBS 2-8=285, 4-8=-690, 4-7=-495, 5-7=1309, 1-8=651

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 540 lb uplift at joint 6 and 470 lb uplift at joint 9.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

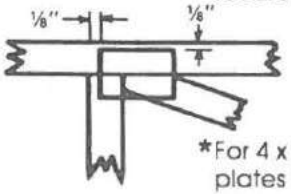
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

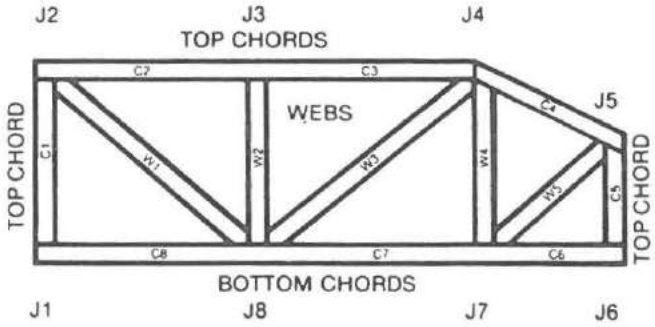
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018.019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AM	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:28 2001 Page 1

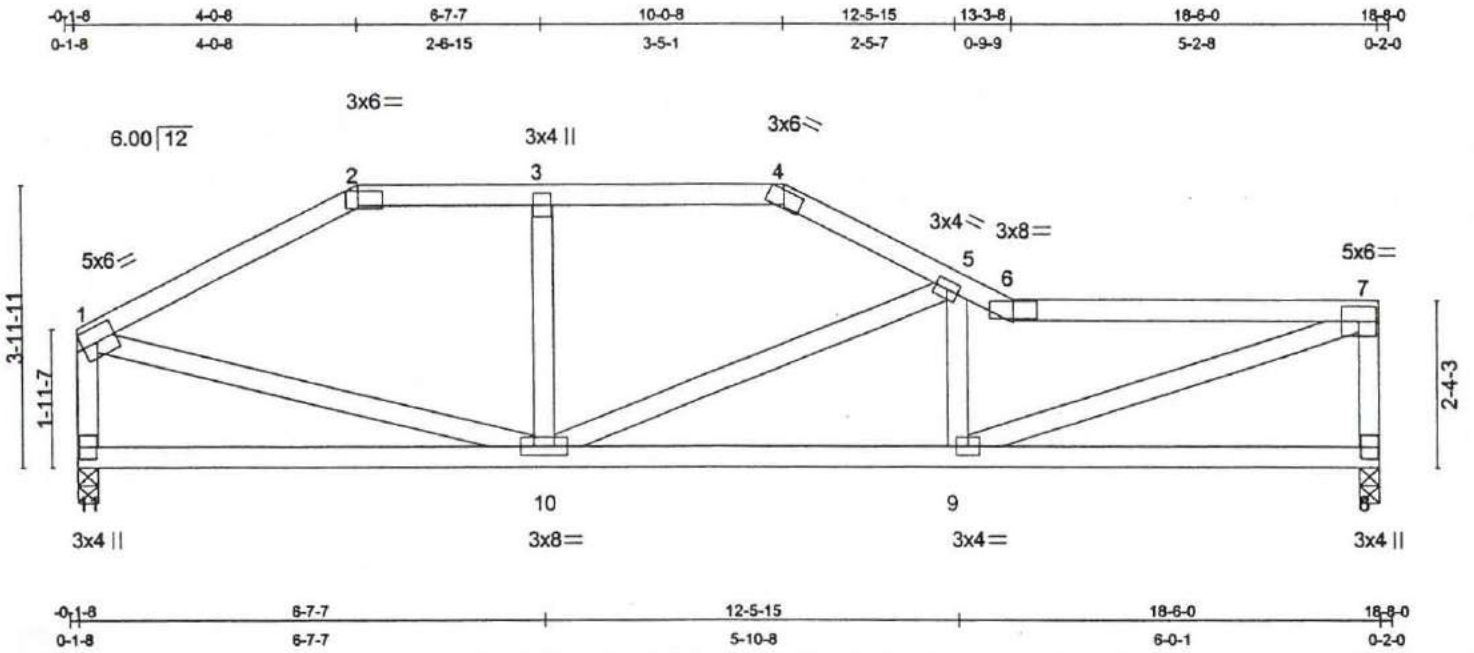


Plate Offsets (X,Y): [2:0-4-0,0-1-0], [4:0-2-11,0-2-5]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.99	Vert(LL)	0.24	9-10	>917	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.46	Vert(TL)	-0.33	9-10	>659		
BCLL	0.0	Rep Stress Incr	YES	WB	0.52	Horz(TL)	0.02	8	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 97 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
6-7 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
7-8 2 X 4 SYP No.2ND, 1-11 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed.
BOT CHORD Rigid ceiling directly applied or 6-4-12 on center bracing.

REACTIONS (lb/size) 8=1001/0-3-8, 11=1001/0-3-8
Max Horz 11=90(load case 4)
Max Uplift8=-500(load case 5), 11=-523(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-1255, 2-3=-1071, 3-4=-1072, 4-5=-1213, 5-6=-1524, 6-7=-1707, 7-8=-916, 1-11=-930
BOT CHORD 10-11=68, 9-10=1707, 8-9=292
WEBS 3-10=124, 5-10=-689, 5-9=-415, 7-9=1499, 1-10=1037

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 500 lb uplift at joint 8 and 523 lb uplift at joint 11.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

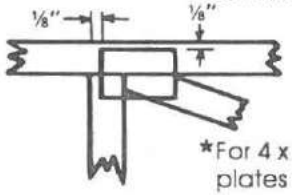
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

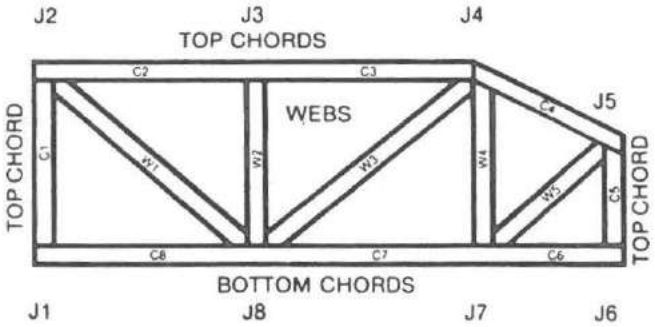
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AL	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:25 2001 Page 1

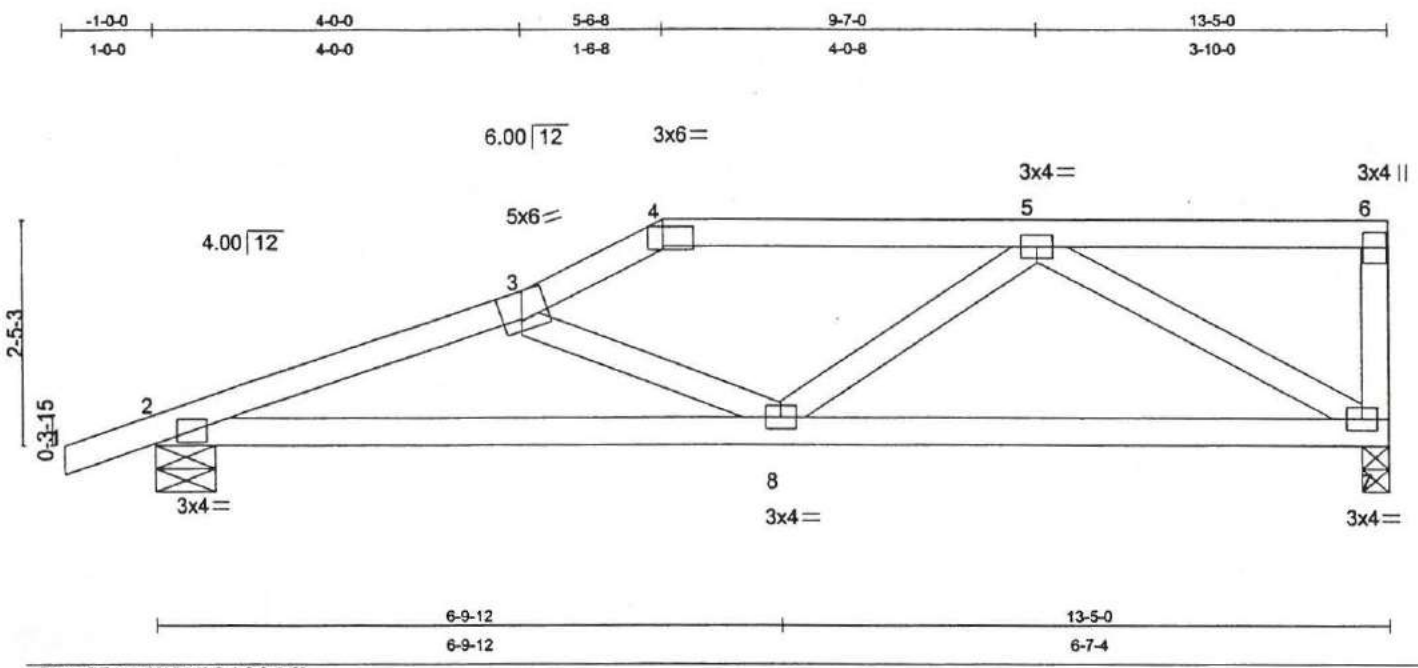


Plate Offsets (X,Y): [4:0-4-0,0-1-0]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL (in) (loc) l/defl			PLATES GRIP	
TCLL	30.0	Plates Increase	1.33	TC	0.55	Vert(LL)	0.11 2-8	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.42	Vert(TL)	-0.17 2-8	>941		
BCLL	0.0	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.02 7	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360			Weight: 61 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-2-12 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-11-12 on center bracing.

REACTIONS (lb/size) 7=717/0-3-8, 2=829/0-8-0
Max Horz 2=252(load case 4)
Max Uplift 7=-444(load case 4), 2=-575(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-1424, 3-4=-1190, 4-5=-1137, 5-6=-88, 6-7=-196
BOT CHORD 2-8=1274, 7-8=871
WEBS 3-8=-152, 5-8=336, 5-7=-906

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 444 lb uplift at joint 7 and 575 lb uplift at joint 2.
6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

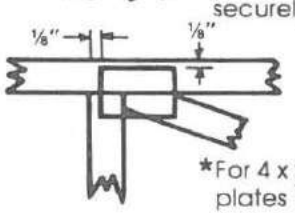
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

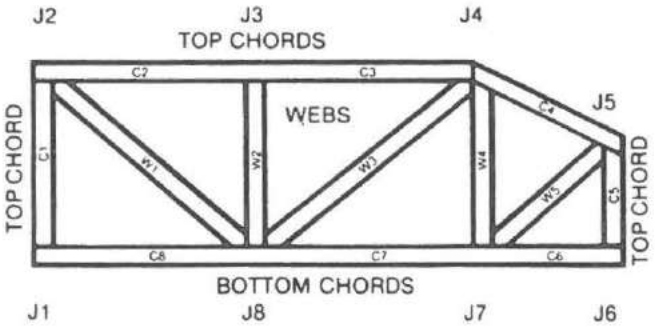
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AK1	ROOF TRUSS	3	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:22 2001 Page 1

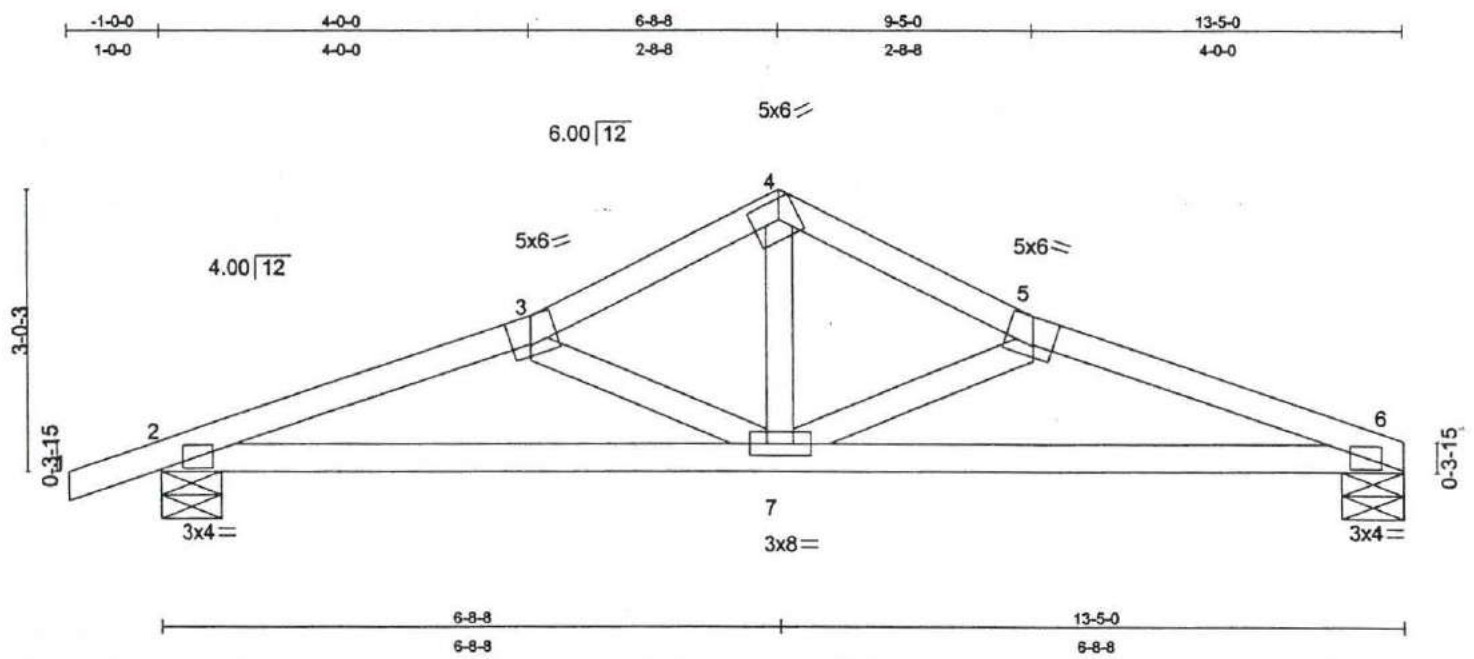


Plate Offsets (X,Y): [4:0-3-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.39	Vert(LL)	0.07	6-7	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.43	Vert(TL)	-0.12	6-7	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.03	6	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 56 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-3-3 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 6-9-12 on center bracing.

REACTIONS (lb/size) 6=717/0-8-0, 2=829/0-8-0
Max Horz 2=142(load case 4)
Max Uplift6=-362(load case 5), 2=-524(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-1566, 3-4=-1078, 4-5=-1079, 5-6=-1571
BOT CHORD 2-7=1423, 6-7=1442
WEBS 4-7=680, 3-7=-569, 5-7=-591

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 362 lb uplift at joint 6 and 524 lb uplift at joint 2.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

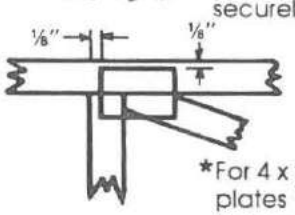
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

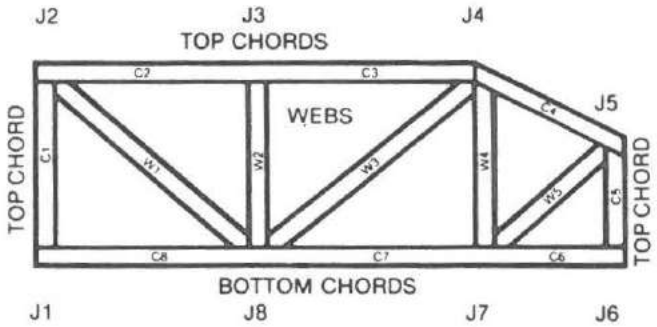
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length($\pm$ 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AK	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:19 2001 Page 1

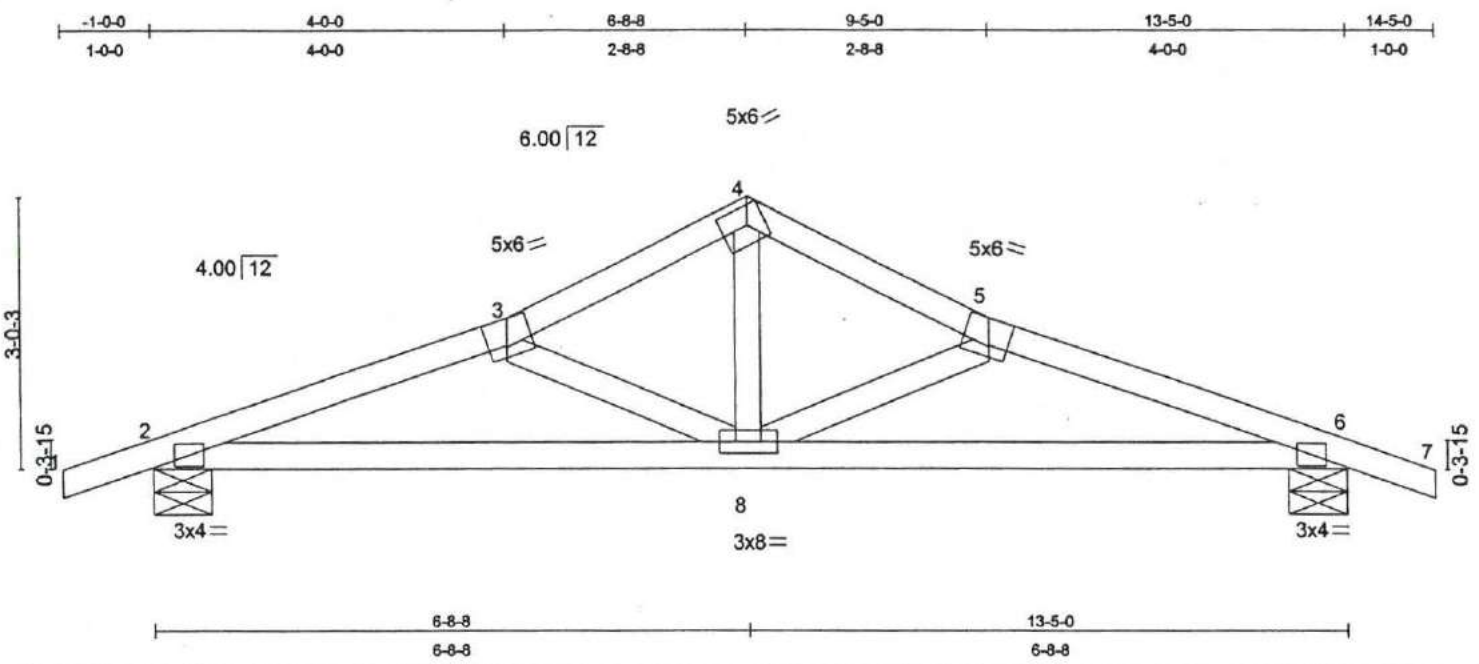


Plate Offsets (X,Y): [4:0-3-8,0-2-8]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.38	Vert(LL)	0.06	8	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.41	Vert(TL)	-0.11	6-8	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.03	6	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 57 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-4-2 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 6-11-15 on center bracing.

REACTIONS (lb/size) 2=825/0-8-0, 6=825/0-8-0
Max Horz 2=114(load case 4)
Max Uplift2=-520(load case 4), 6=-520(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-1550, 3-4=-1064, 4-5=-1064, 5-6=-1550, 6-7=27
BOT CHORD 2-8=1409, 6-8=1409
WEBS 3-8=-567, 4-8=663, 5-8=-567

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 520 lb uplift at joint 2 and 520 lb uplift at joint 6.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

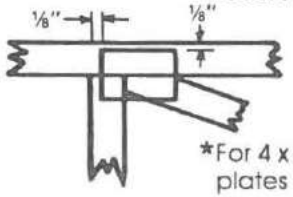
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

*Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates ⅛" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

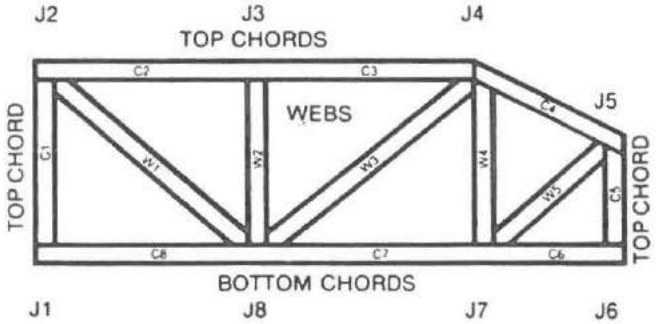
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at ¼ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AJ	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:16 2001 Page 1

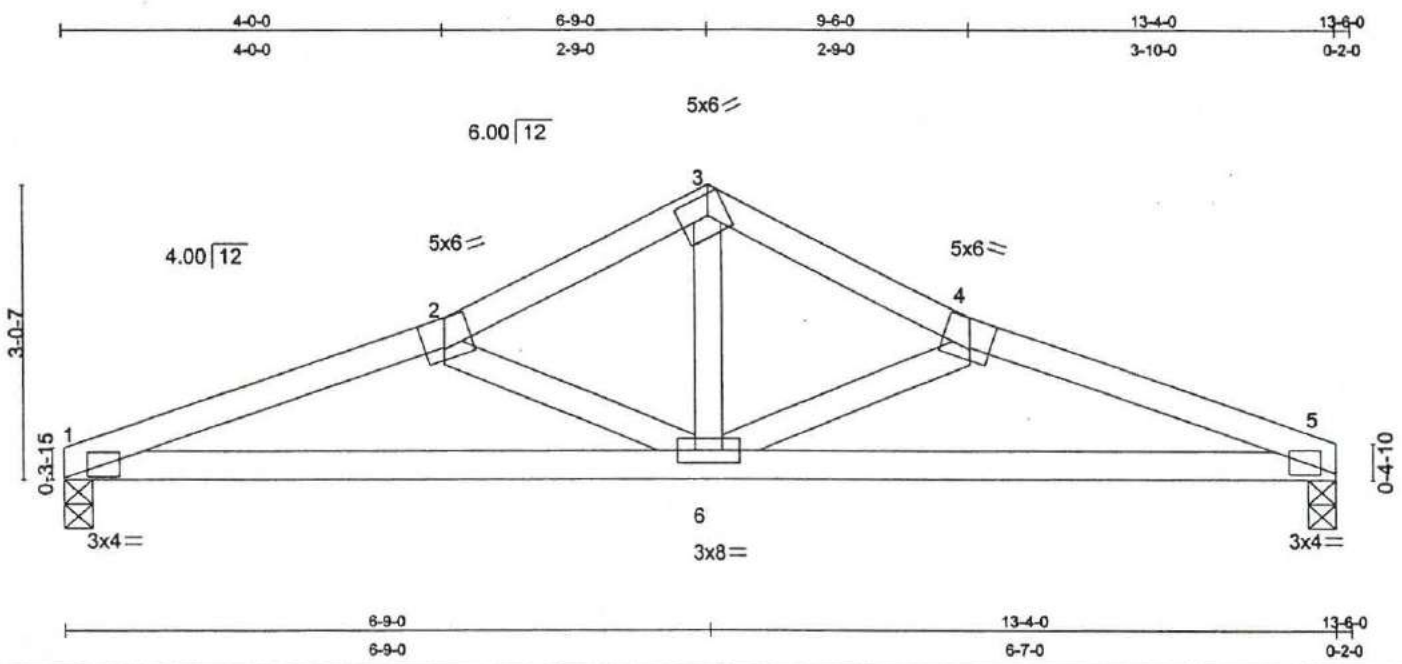


Plate Offsets (X,Y): [3:0-3-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.31	Vert(LL)	0.07	1-6	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.43	Vert(TL)	-0.12	1-6	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.20	Horz(TL)	0.03	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 54 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 4-3-4 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 6-5-7 on center bracing.

REACTIONS (lb/size) 1=717/0-3-8, 5=717/0-3-8
Max Horz 1=-96(load case 5)
Max Uplift1=-365(load case 4), 5=-362(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-1571, 2-3=-1074, 3-4=-1073, 4-5=-1537
BOT CHORD 1-6=1443, 5-6=1403
WEBS 2-6=-595, 3-6=671, 4-6=-551

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 365 lb uplift at joint 1 and 362 lb uplift at joint 5.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

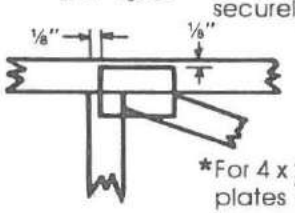
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

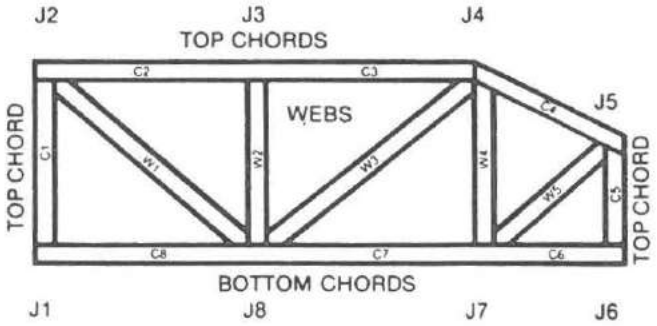
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AH	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:14 2001 Page 1

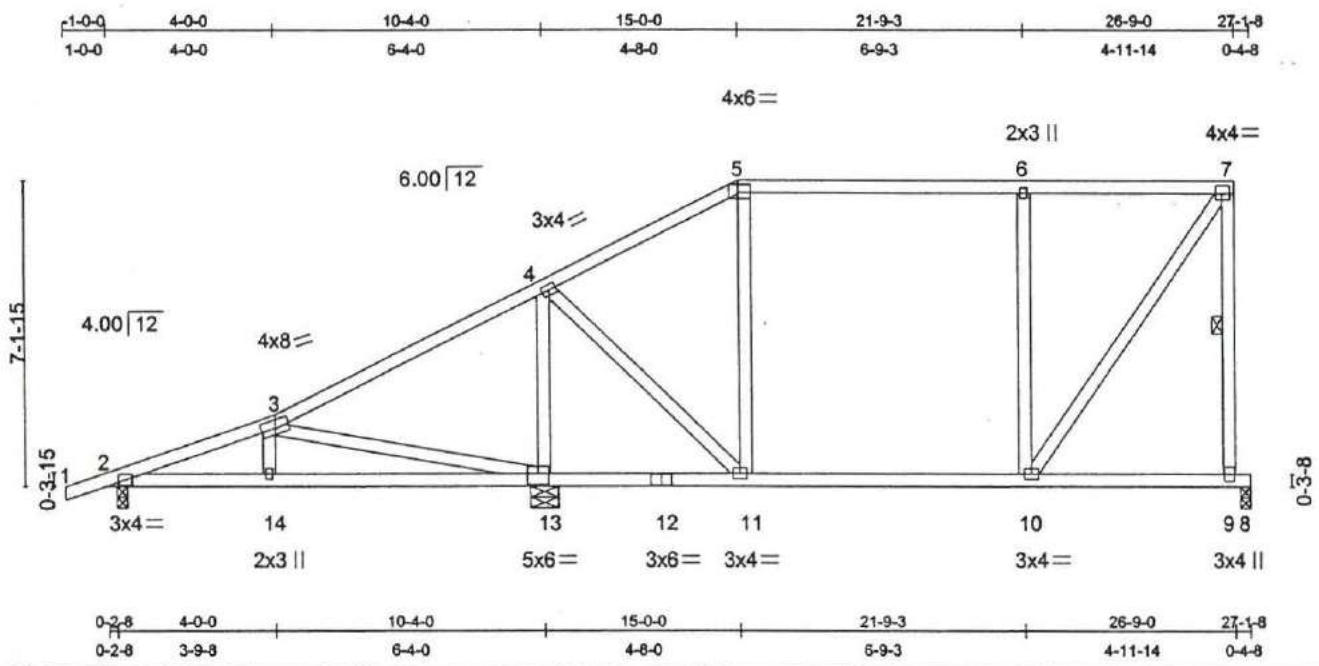


Plate Offsets (X,Y): [3:0-4-0,0-2-4], [5:0-3-8,0-2-4], [7:0-1-12,0-2-4], [13:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.58	Vert(LL)	0.11	9-10	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.55	Vert(TL)	-0.13	9-10	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.85	Horz(TL)	0.03	8	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 152 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP SS *Except*
2-12 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
7-9 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 4-6-10 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.
WEBS 1 Row at midpt 7-9

REACTIONS (lb/size) 8=897/0-3-0, 13=1431/0-8-0, 2=694/0-3-0
Max Horz 2=707(load case 4)
Max Uplift 8=-541(load case 3), 13=-1055(load case 4), 2=-390(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-1332, 3-4=-265, 4-5=-692, 5-6=-535, 6-7=-534, 7-9=-885
BOT CHORD 2-14=1218, 13-14=1208, 12-13=123, 11-12=123, 10-11=534, 9-10=43, 8-9=0
WEBS 3-14=93, 3-13=-1109, 4-13=-1083, 4-11=572, 5-11=-264, 6-10=-546, 7-10=853

NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 541 lb uplift at joint 8, 1055 lb uplift at joint 13 and 390 lb uplift at joint 2.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

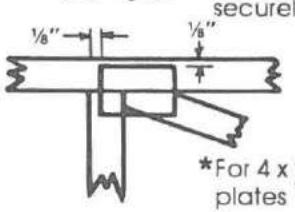
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

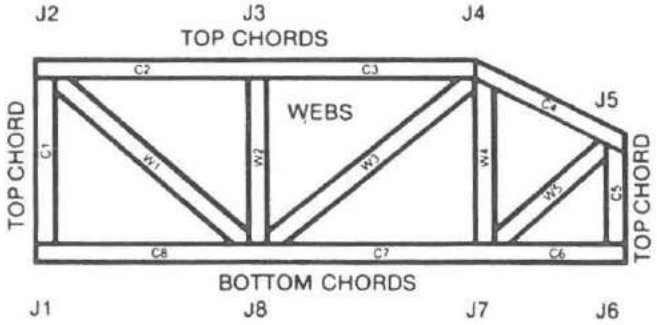
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AG	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:11 2001 Page 1

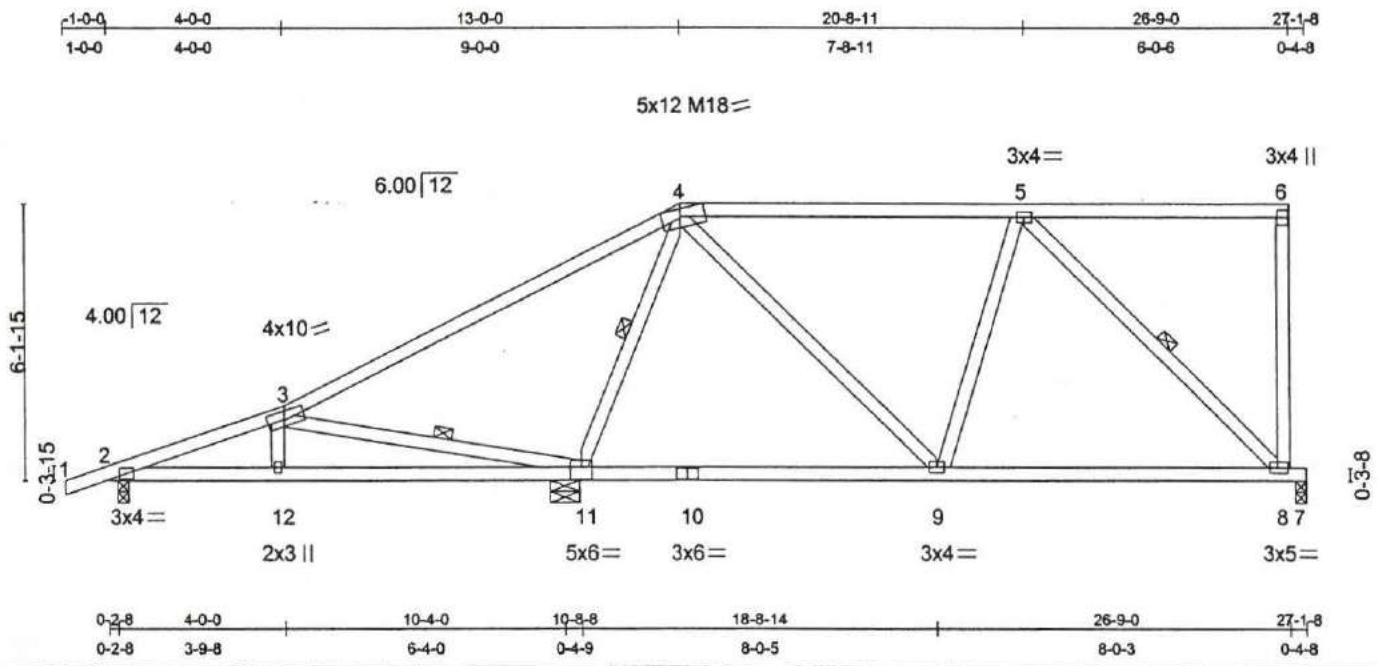


Plate Offsets (X,Y): [3:0-4-8,0-2-4], [4:0-5-4,edge], [8:0-2-0,0-1-8], [11:0-3-0,0-3-4]

LOADING (psf)		SPACING 2-0-0		CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.97	Vert(LL)	0.09	8-9	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.49	Vert(TL)	-0.17	8-9	>999	M18	195/188
BCLL	0.0	Rep Stress Incr	YES	WB	0.53	Horz(TL)	-0.02	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 145 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
3-4 2 X 4 SYP SS, 4-6 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
6-8 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 2-6-0 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.
WEBS 1 Row at midpt 3-11, 4-11, 5-8

REACTIONS (lb/size) 7=652/0-3-0, 11=2000/0-8-0, 2=369/0-3-0
Max Horz 2=610(load case 4)
Max Uplift7=-460(load case 2), 11=-1272(load case 4), 2=-254(load case 2)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-485, 3-4=997, 4-5=-337, 5-6=-69, 6-8=-239
BOT CHORD 2-12=451, 11-12=443, 10-11=-96, 9-10=-96, 8-9=419, 7-8=0
WEBS 3-12=77, 3-11=-1188, 4-11=-1722, 4-9=615, 5-9=-270, 5-8=-493

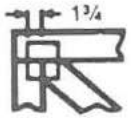
NOTES
1) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
2) Provide adequate drainage to prevent water ponding.
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 460 lb uplift at joint 7, 1272 lb uplift at joint 11 and 254 lb uplift at joint 2.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

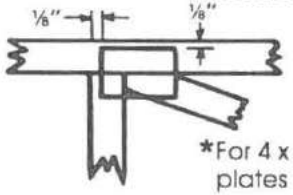
SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION



* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

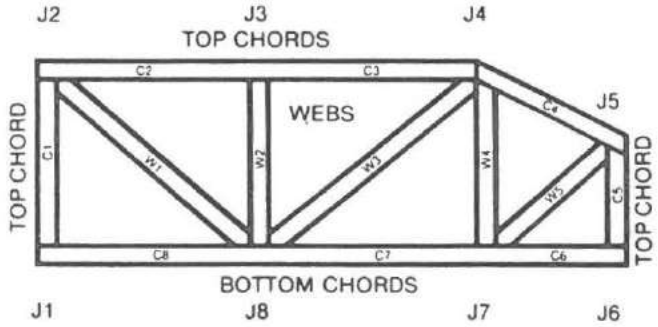
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AF	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:06 2001 Page 1

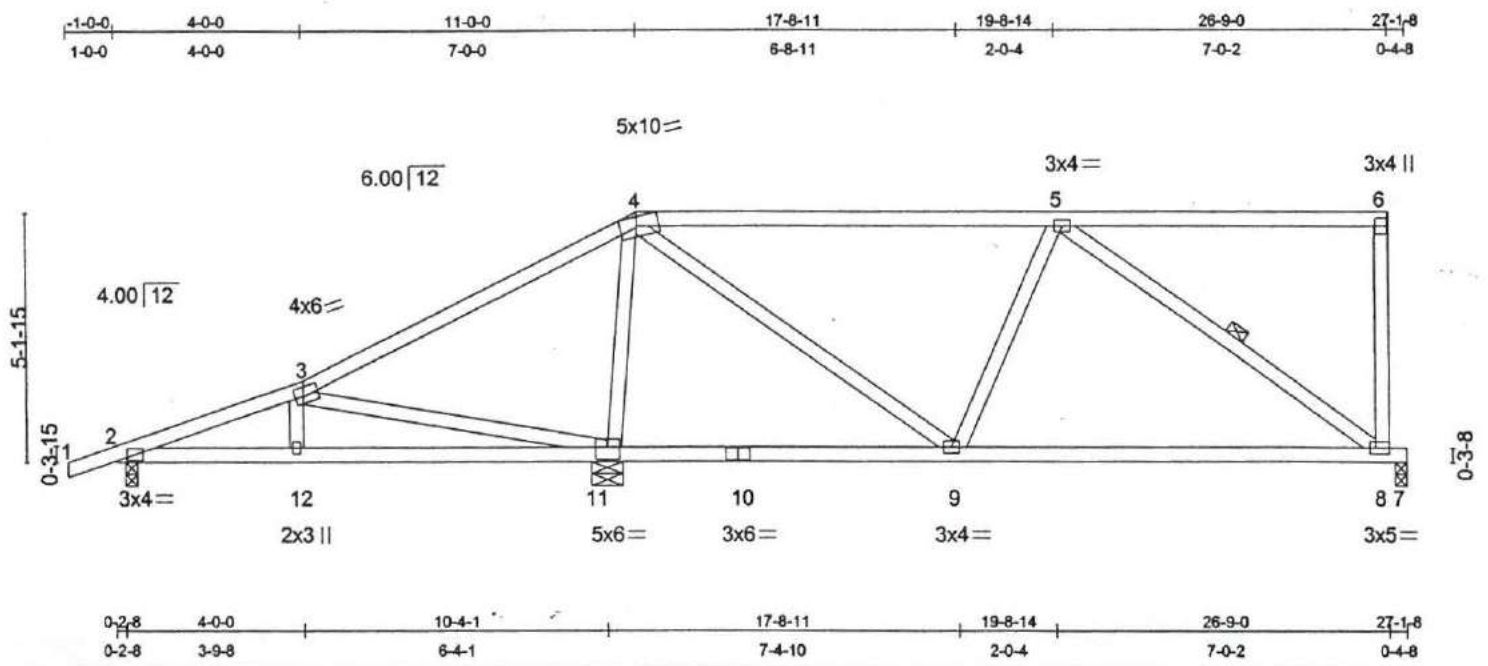


Plate Offsets (X,Y): [3:0-2-0,0-2-4], [4:0-4-4,edge], [8:0-1-8,0-1-8], [11:0-3-0,0-3-0]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.95	Vert(LL)	0.09	8-9	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.59	Vert(TL)	-0.25	8-9	>819		
BCLL	0.0	Rep Stress Incr	YES	WB	0.69	Horz(TL)	-0.01	7	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 140 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2D *Except*
1-3 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
6-8 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 5-0-0 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.
WEBS 1 Row at midpt 5-8

REACTIONS (lb/size) 7=722/0-3-0, 11=1948/0-8-0, 2=352/0-3-0
Max Horz 2=514(load case 4)
Max Uplift 7=-488(load case 2), 11=-1213(load case 4), 2=-253(load case 2)
Max Grav 7=785(load case 7), 11=1948(load case 1), 2=352(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-305, 3-4=840, 4-5=-470, 5-6=-107, 6-8=-262
BOT CHORD 2-12=247, 11-12=237, 10-11=-286, 9-10=-286, 8-9=632, 7-8=0
WEBS 3-12=95, 3-11=-865, 4-11=-1649, 4-9=937, 5-9=-401, 5-8=-646

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 488 lb uplift at joint 7, 1213 lb uplift at joint 11 and 253 lb uplift at joint 2.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

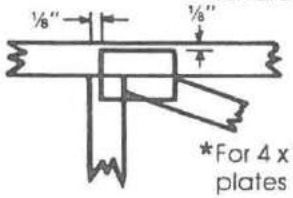
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

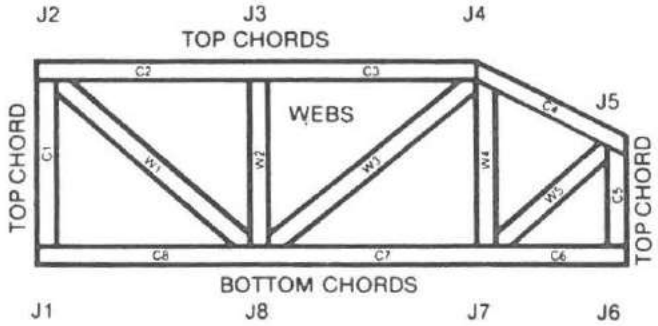
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

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1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AE	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:01:02 2001 Page 1

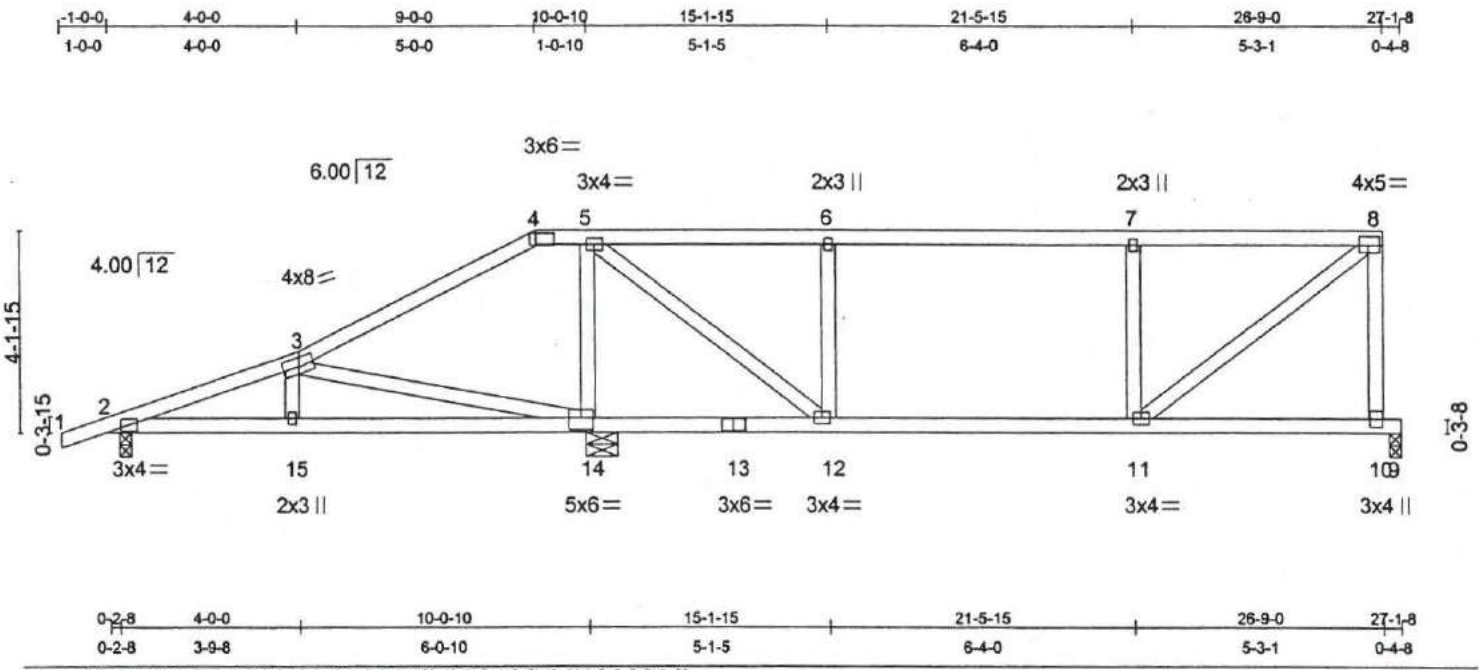


Plate Offsets (X,Y): [3:0-4-0,0-2-4], [4:0-4-8,0-0-12], [8:0-2-4,0-2-4], [14:0-3-0,0-3-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.58	Vert(LL) 0.10 10-11 >999	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.60	Vert(TL) -0.12 10-11 >999	
BCLL 0.0	Rep Stress Incr YES	WB 0.71	Horz(TL) 0.03 9 n/a	
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	Weight: 133 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP SS *Except*
2-13 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
8-10 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 4-10-10 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 on center bracing.

REACTIONS (lb/size) 9=907/0-3-0, 14=1444/0-8-0, 2=671/0-3-0
Max Horz 2=418(load case 4)
Max Uplift 9=-548(load case 4), 14=-904(load case 4), 2=-444(load case 4)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-1229, 3-4=-253, 4-5=-124, 5-6=-979, 6-7=-979, 7-8=-979, 8-10=-877
BOT CHORD 2-15=1116, 14-15=1106, 13-14=124, 12-13=124, 11-12=979, 10-11=106, 9-10=0
WEBS 3-15=90, 3-14=-1007, 5-14=-1099, 5-12=1073, 6-12=-530, 7-11=-522, 8-11=1095

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 548 lb uplift at joint 9, 904 lb uplift at joint 14 and 444 lb uplift at joint 2.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

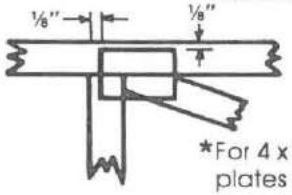
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters 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 Installing and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

MiTek®

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

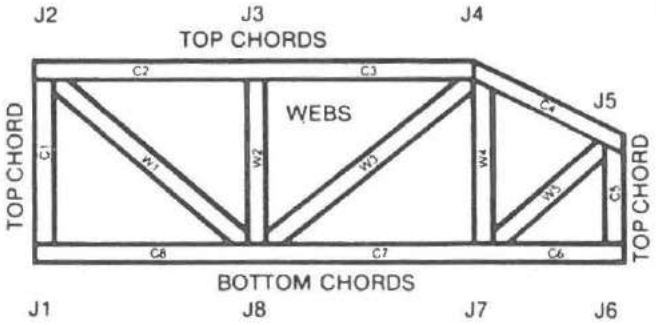
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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⚠General Safety Notes

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2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AC	ROOF TRUSS	2	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:00:59 2001 Page 1

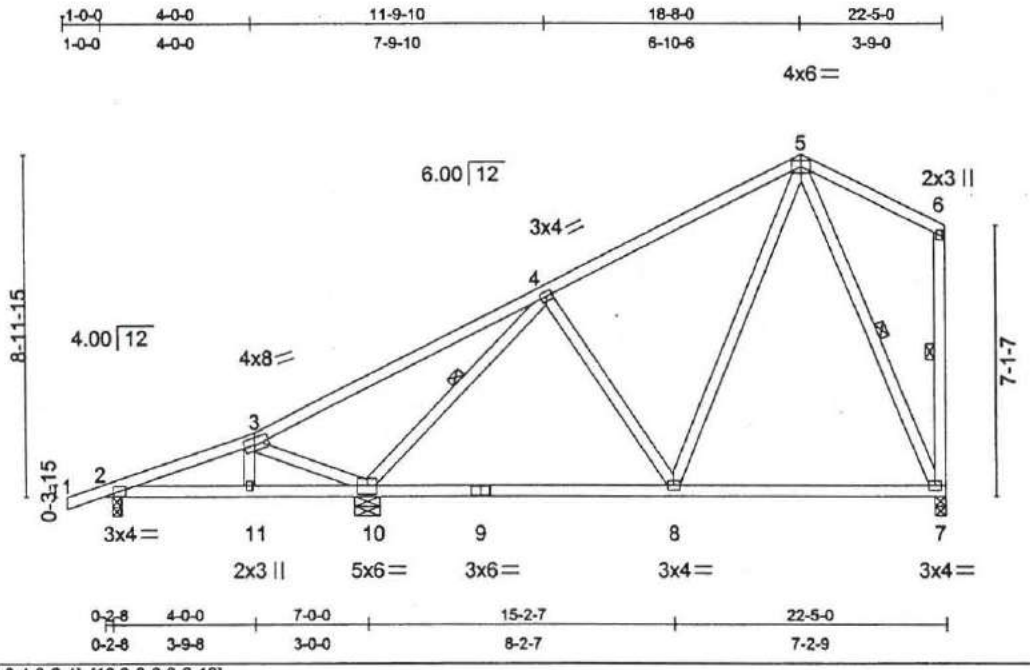


Plate Offsets (X,Y): [3:0-3-4,0-2-4], [10:0-3-0,0-2-12]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL (in) (loc) l/defl	PLATES GRIP
TCLL 30.0	Plates Increase 1.33	TC 0.83	Vert(LL) 0.03 8 >999	M20 249/190
TCDL 15.0	Lumber Increase 1.33	BC 0.49	Vert(TL) -0.08 8-10 >999	
BCLL 0.0	Rep Stress Incr YES	WB 0.47	Horz(TL) -0.02 7 n/a	
BCDL 10.0	Code SBC/SBCCI	(Matrix)	1st LC LL Min l/defl = 360	Weight: 135 lb

LUMBER
TOP CHORD 2 X 4 SYP No.2ND "Except"
3-5 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 5-0-0 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 7-5-12 on center bracing.
WEBS 1 Row at midpt 4-10, 6-7, 5-7

REACTIONS (lb/size) 2=385/0-3-0, 10=1358/0-8-0, 7=793/0-3-8
Max Horz 2=772(load case 4)
Max Uplift2=-281(load case 2), 10=-819(load case 4), 7=-482(load case 4)
Max Grav2=385(load case 6), 10=1358(load case 1), 7=793(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-434, 3-4=501, 4-5=-600, 5-6=85, 6-7=-112
BOT CHORD 2-11=394, 10-11=394, 9-10=510, 8-9=510, 7-8=268
WEBS 3-11=5, 3-10=-764, 4-10=-1204, 4-8=-203, 5-8=357, 5-7=-670

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 281 lb uplift at joint 2, 819 lb uplift at joint 10 and 482 lb uplift at joint 7.
5) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

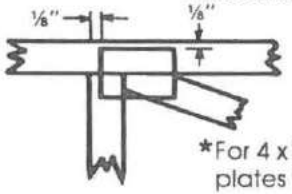
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates $^{1}/_{8}$" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

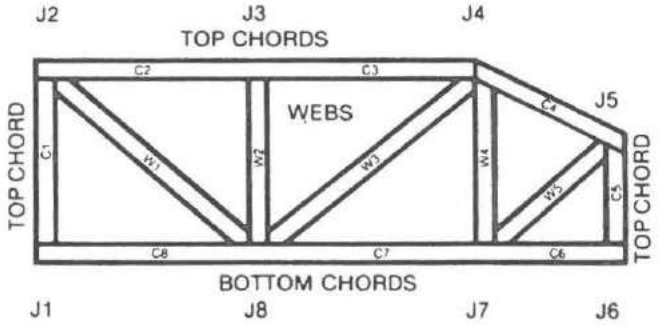
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at $^{1}/_{4}$ panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
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13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AB	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:00:57 2001 Page 1

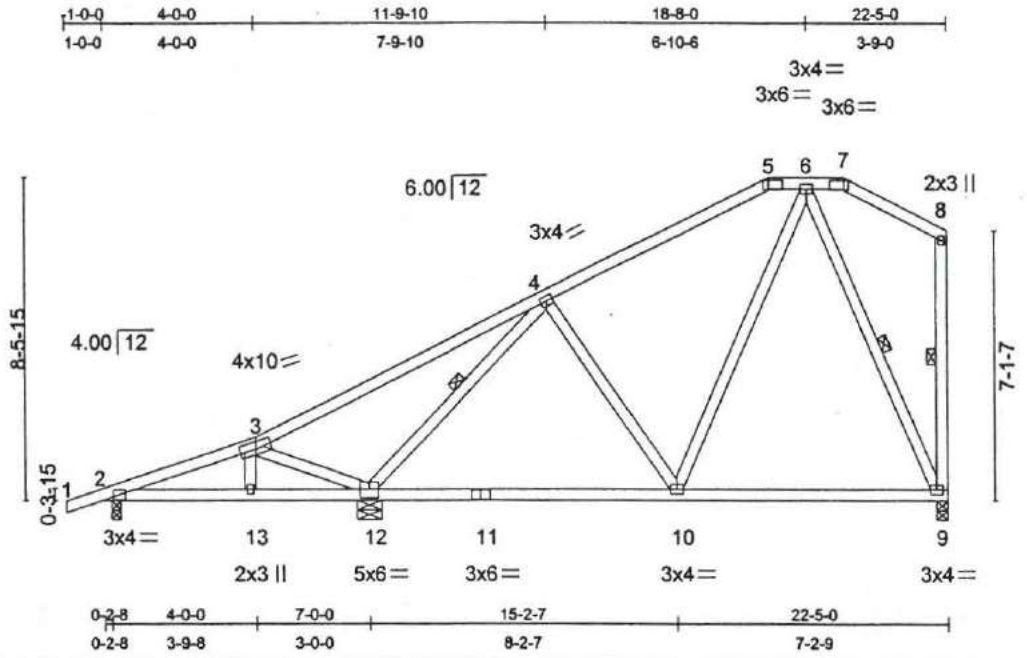


Plate Offsets (X,Y): [3:0-5-0,0-2-4], [5:0-4-8,0-2-12], [7:0-4-8,0-2-12], [12:0-3-0,0-2-12]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.99	Vert(LL)	0.02	13	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.48	Vert(TL)	-0.08	10-12	>999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.45	Horz(TL)	-0.02	9	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 133 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 5-0-0 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-12 on center bracing.
WEBS 1 Row at midpt 4-12, 8-9, 6-9

REACTIONS (lb/size) 2=405/0-3-0, 12=1330/0-8-0, 9=802/0-3-8
Max Horz 2=755(load case 4)
Max Uplift2=-279(load case 2), 12=-786(load case 4), 9=-516(load case 4)
Max Grav2=412(load case 6), 12=1330(load case 1), 9=802(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=-506, 3-4=444, 4-5=-608, 7-8=-76, 8-9=-141, 5-6=-415, 6-7=-14
BOT CHORD 2-13=464, 12-13=464, 11-12=522, 10-11=522, 9-10=277
WEBS 3-13=1, 3-12=-788, 4-12=-1150, 4-10=-197, 6-10=354, 6-9=-654

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 279 lb uplift at joint 2, 786 lb uplift at joint 12 and 516 lb uplift at joint 9.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

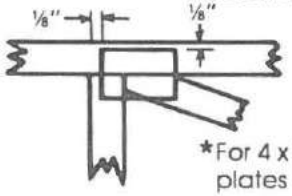
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

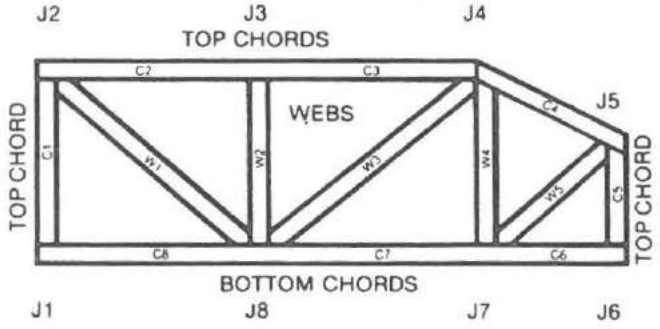
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber. .
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	AA	ROOF TRUSS	1	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:00:53 2001 Page 1

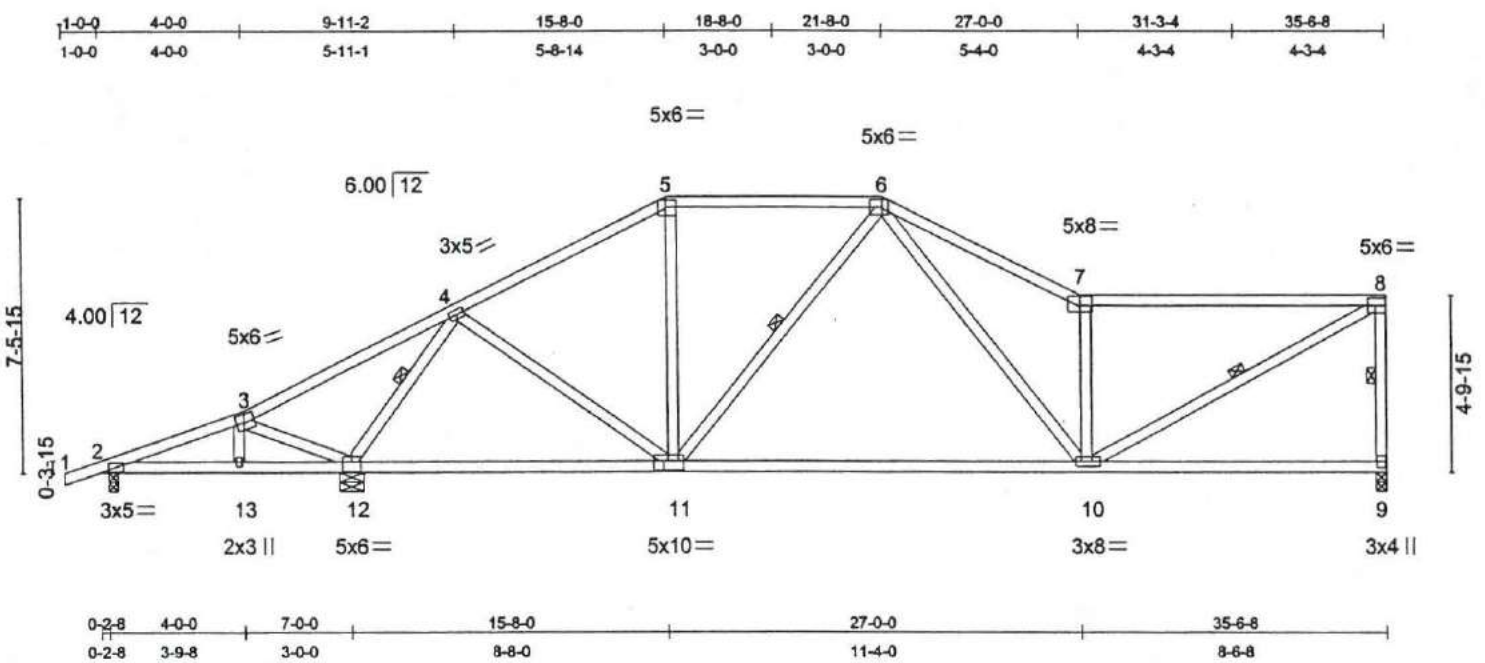


Plate Offsets (X,Y): [3:0-2-8,0-2-12], [5:0-3-8,0-2-4], [6:0-4-0,0-2-8], [7:0-4-0,0-3-0], [8:edge,0-2-8], [10:0-2-12,0-1-8], [11:0-3-4,0-3-0], [12:0-3-0,0-3-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.98	Vert(LL)	0.18	10-11	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.64	Vert(TL)	-0.49	10-11	>693		
BCLL	0.0	Rep Stress Incr	YES	WB	0.97	Horz(TL)	0.03	9	n/a		
BCDL	10.0	Code	SBC/SBCCI	(Matrix)		1st LC LL Min l/defl = 360				Weight: 198 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND *Except*
7-8 2 X 4 SYP No.2D
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3 *Except*
8-9 2 X 4 SYP No.2ND

BRACING
TOP CHORD Sheathed or 2-9-5 on center purlin spacing, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-10-3 on center bracing.
WEBS 1 Row at midpt 8-9, 4-12, 6-11, 8-10

REACTIONS (lb/size) 9=1486/0-3-8, 2=175/0-3-0, 12=2319/0-8-0
Max Horz 2=576(load case 4)
Max Uplift9=-767(load case 5), 2=-229(load case 2), 12=-1305(load case 4)
Max Grav 2=240(load case 6), 12=2319(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=27, 2-3=350, 3-4=986, 4-5=-1426, 5-6=-1173, 6-7=-2406, 7-8=-1988, 8-9=-1405
BOT CHORD 2-13=-260, 12-13=-265, 11-12=551, 10-11=1403, 9-10=119
WEBS 3-13=40, 3-12=-559, 4-12=-2363, 4-11=769, 5-11=46, 6-11=-364, 6-10=1055, 7-10=-1675, 8-10=2133

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/SBCCI If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) Provide adequate drainage to prevent water ponding.
4) All plates are M20 plates unless otherwise indicated.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 767 lb uplift at joint 9, 229 lb uplift at joint 2 and 1305 lb uplift at joint 12.
6) This truss has been designed for both TPI-85 and ANSI/TPI 1-1995 plating criteria.

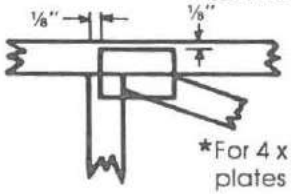
LOAD CASE(S) Standard

SEP 0 4 2001

Symbols

PLATE LOCATION AND ORIENTATION

* Center plate on joint unless dimensions indicate otherwise. Dimensions are in inches. Apply plates to both sides of truss and securely seat.



*For 4 x 2 orientation, locate plates 1/8" from outside edge of truss and vertical web.

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

*** For tabular plating format refer to the MiTek/Gang-Nail Joint/Plate Placement Chart.**

PLATE SIZE

4 x 4 — The first dimension is the width perpendicular to slots. Second dimension is the length parallel to slots.

LATERAL BRACING

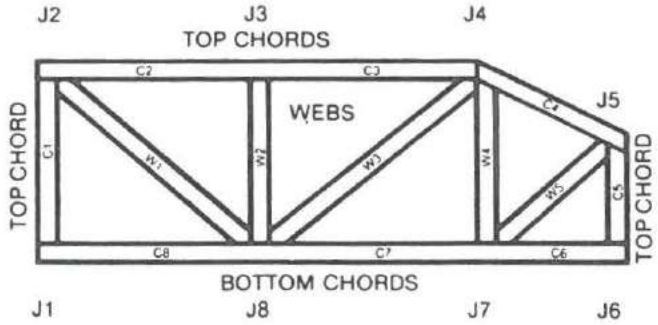
Indicates location of required continuous lateral bracing.

BEARING

Indicates location of joints at which bearings (supports) occur.

FORM018,019

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

MiTek®

GANG-NAIL®

HYDRO-AIR®

PANEL CLIP™

⚠General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless otherwise noted, locate chord splices at 1/4 panel length(± 6" from adjacent joint.)
5. Unless otherwise noted, moisture content of lumber shall not exceed 19% at time of fabrication.
6. Unless expressly noted, this design is not applicable for use with fire retardant or preservative treated lumber.
7. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
8. Plate type, size and location dimensions shown indicate minimum plating requirements.
9. Lumber shall be of the species and size, and in all respects, equal to or better than the grade specified.
10. Top chords must be sheathed or purlins provided at spacing shown on design.
11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
12. Anchorage and/or load transferring connections to trusses are the responsibility of others unless shown.
13. Do not overload roof or floor trusses with stacks of construction materials.
14. Do not cut or alter truss member or plate without prior approval of a professional engineer.
15. Care should be exercised in handling, erection and installation of trusses.

Job	Truss	Truss Type	Qty	Ply	Fogilia Const / Baum
49597	A	ROOF TRUSS	4	1	

Chambers Truss Inc., Fort Pierce Fl. 34982-6423 — 4.0-32 s Feb 18 1999 MiTek Industries, Inc. Tue Sep 04 10:00:50 2001 Page 1

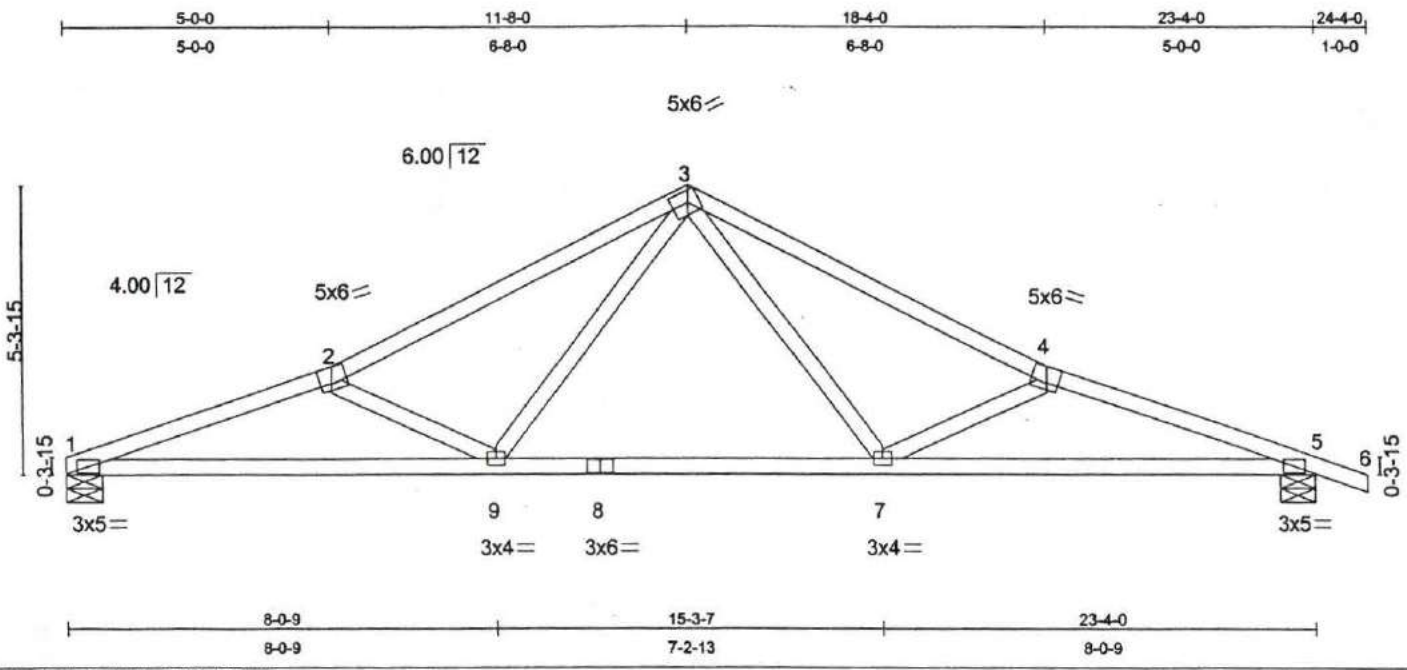


Plate Offsets (X,Y): [3:0-3-8,0-2-8]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	(in)	(loc)	l/defl	PLATES	GRIP
TCLL	30.0	Plates Increase	1.33	TC	0.85	Vert(LL)	0.23	7-9	>999	M20	249/190
TCDL	15.0	Lumber Increase	1.33	BC	0.77	Vert(TL)	-0.32	7-9	>857		
BCLL	0.0	Rep Stress Incr	YES	WB	0.31	Horz(TL)	0.09	5	n/a		
BCDL	10.0	Code	SBC/ANSI95	(Matrix)		1st LC LL Min l/defl = 360				Weight: 102 lb	

LUMBER
TOP CHORD 2 X 4 SYP No.2ND
BOT CHORD 2 X 4 SYP No.2ND
WEBS 2 X 4 SYP No.3

BRACING
TOP CHORD Sheathed or 2-9-7 on center purlin spacing.
BOT CHORD Rigid ceiling directly applied or 4-4-7 on center bracing.

REACTIONS (lb/size) 1=1265/0-8-0, 5=1373/0-8-0
Max Horz 1=-224(load case 5)
Max Uplift1=-639(load case 4), 5=-795(load case 5)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-3167, 2-3=-2372, 3-4=-2361, 4-5=-3162, 5-6=27
BOT CHORD 1-9=2952, 8-9=1515, 7-8=1515, 5-7=2930
WEBS 2-9=-1076, 3-9=847, 3-7=831, 4-7=-1062

NOTES
1) This truss has been checked for unbalanced loading conditions.
2) This truss has been designed for the wind loads generated by 140 mph winds at 22 ft above ground level, using 10.0 psf top chord dead load and 5.0 psf bottom chord dead load, in the interior roof zone on an occupancy category II, condition I enclosed building, with exposure D ASCE 7-95 per SBC/ANSI95 If end verticals or cantilevers exist, they are not exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33
3) All plates are M20 plates unless otherwise indicated.
4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 639 lb uplift at joint 1 and 795 lb uplift at joint 5.
5) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

SEP 0 4 2001

FINAL ANCHORING OF A WOOD FRAME UP TO 8'-4" x 6'-8"

Acceptance #309592

Product Acceptance # 309592

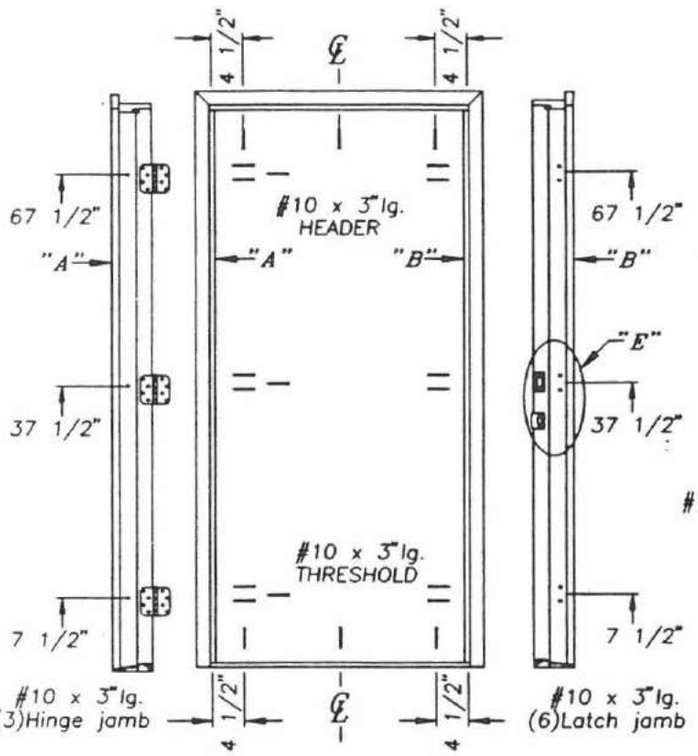
Size: Up to 8'-4" x 6'-8" Inswing
Configuration : xx, x, oxxo, oxo, ox, xo, oox

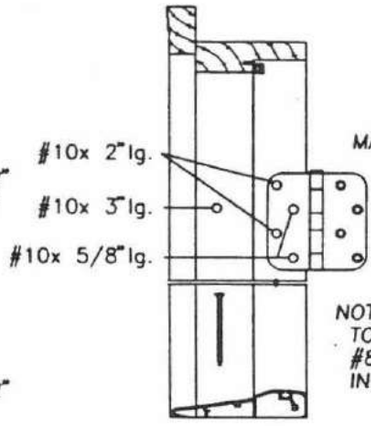
	Single	Single W/SL	Double	Double W/SL
OPAQUE	+76-86	+60-65	+60-70	+60-65
GLAZED	+50.4-50.4	+50.4-50.4	+50.4-50.4	+50.4-50.4

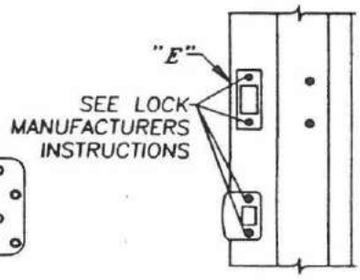
Opaque Doors Missile Impact Approved
Sidelites w/ Benchmark Shutters Missile Impact Approved
Test #ATL 0429.02-96, 0212.01-96 0212.05-96

Benchmark® H

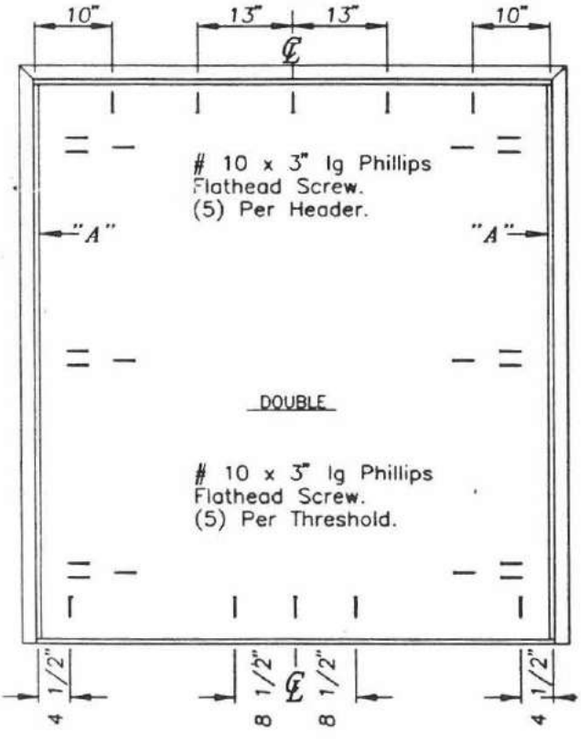
Manufactured by:
General Products Co., Inc.
Fredericksburg, VA 22404

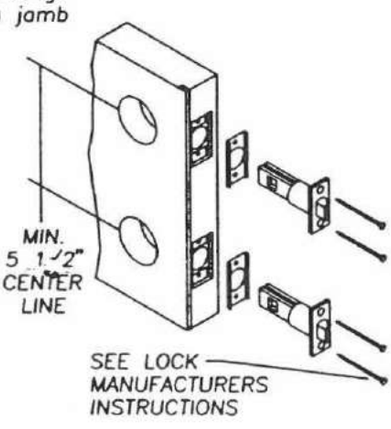


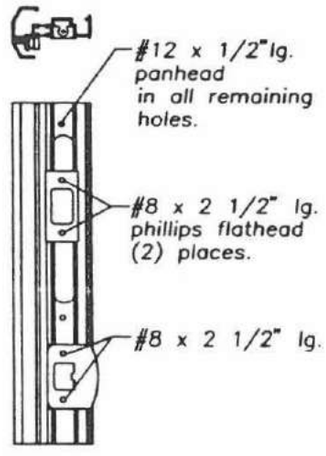


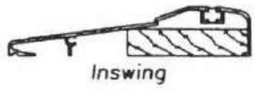


NOTE: WHEN ATTACHING SIDELITE TO THE LATCH JAMB USE #8 x 1 3/4" LG. SCREW IN THE STRIKE PLATES.

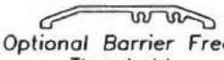


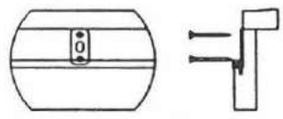




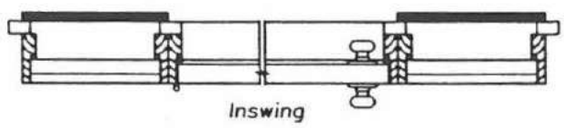

Inswing

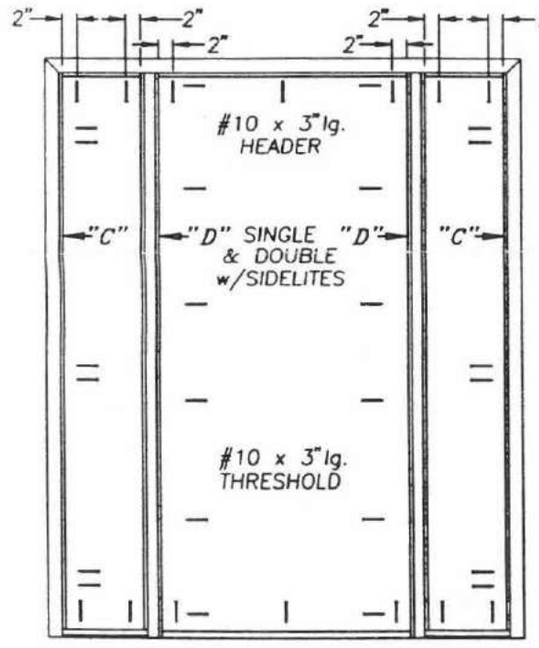

Inswing


Optional Barrier Free
Threshold

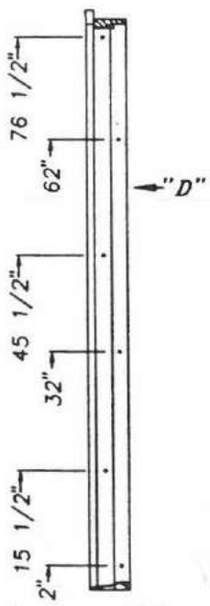


Attach Astragal throw bolt strike plate to the frame with # 8 x 2 1/2" lg. phillips flathead screws.

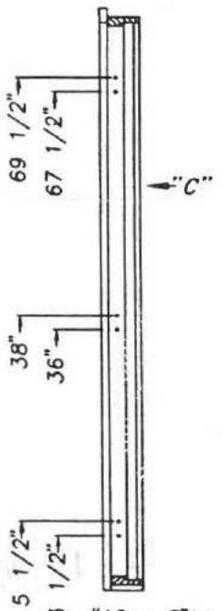

Inswing



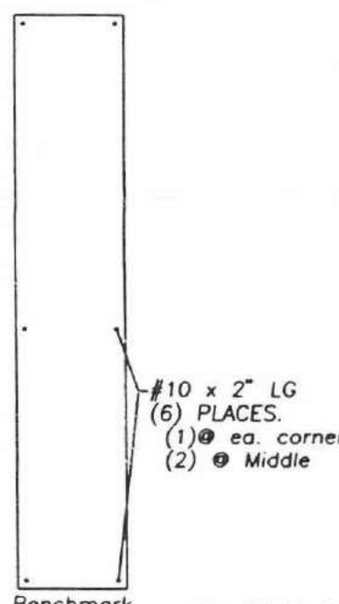
SEE DOUBLE THRESHOLD AND HEADER ABOVE



#10 x 1 3/4"lg.
(6) PER JAMB



#10 x 3"lg.
(6) PER JAMB



Benchmark Shutter

SK-2071-B

5643
POOL / DECK

MASTER PERMIT NO. N/A

TOWN OF SEWALL'S POINT

Date 12/13/01 BUILDING PERMIT NO. 5643

Building to be erected for BAUM Type of Permit POOL/DECK

Applied for by A+G CONCRETE POOLS (Contractor) Building Fee 240.00

Subdivision SEWALLS MEADOW Lot 16 Block _____ Radon Fee _____

Address 105 ABBIE COURT Impact Fee _____

Type of structure SFR A/C Fee _____

Electrical Fee _____

Parcel Control Number: Plumbing Fee _____

133841013000001600000 0 Roofing Fee _____

$240.00 32808

Amount Paid 24.00 Check # _____ Cash _____ Other Fees (PLAN REVIEW) 24.00

Total Construction Cost $ 20,000.00 TOTAL Fees 264.00

Signed _____ Signed _____

Applicant Town Building ~~Inspector~~ OFFICIAL

- ☐ DOCK/BOATLIFT
- ☐ SCREEN ENCLOSURE
- ☐ FILL
- ☐ DEMOLITION
- ☐ TREE REMOVAL
- ☐ TEMPORARY STRUCTURE
- ☐ FENCE
- ☐ HURRICANE SHUTTERS
- ☐ STEMWALL

INSPECTIONS

UNDERGROUND PLUMBING		UNDERGROUND GAS	
UNDERGROUND MECHANICAL		UNDERGROUND ELECTRICAL	
STEMWALL FOOTING		FOOTING	
SLAB		TIE BEAM/COLUMNS	
ROOF SHEATHING		WALL SHEATHING	
LATH		ROOF TIN TAG/METAL	
ROOF-IN-PROGRESS		PLUMBING ROUGH-IN	
MECHANICAL ROUGH-IN		ELECTRICAL ROUGH-IN	
GAS ROUGH-IN		FRAMING	
EARLY POWER RELEASE		FINAL PLUMBING	
FINAL MECHANICAL		FINAL ELECTRICAL	
FINAL ROOF		BUILDING FINAL	

24 HOUR NOTICE REQUIRED FOR INSPECTIONS – HAVE ALL REQUIRED PAPERWORK ON SITE
CALL 287-2455 WORKING HOURS 8:00AM – 4:00PM MONDAY THROUGH FRIDAY
INSPECTIONS 8:30AM -12:00PM MONDAY, WEDNESDAY & FRIDAY
THIS PERMIT MUST BE VISIBLE FROM THE STREET AND ACCESSIBLE TO THE INSPECTOR.

Town of Sewall's Point
BUILDING PERMIT APPLICATION

Bldg. Permit Number: _____

Owner or Titleholder's Name BAUM Phone No. (636) 519-8865
Street: 18034 PINE CANYON Ct. City WILDWOOD State: MO Zip 63005
Legal Description of Property: LOT 16 "SEWALL'S MEADOW" PLAT BOOK 14 P. 32- Public Records MARTIN CO. Parcel Number: 120164 000 2 D
Location of Job Site: 105 ABBIE COURT
TYPE OF WORK TO BE DONE: SWIMMING POOL + DECK

CONTRACTOR/Company Name: A+G CONCRETE POOLS Phone No. (561) 878-7752
Street: 410 SAGON AVE City FT. PIERCE State: FL Zip 34982
State Registration: _____ State License: CPC 057200

ARCHITECT: N/A Phone No. ( ) _____
Street: _____ City _____ State: _____ Zip _____

ENGINEER: N/A Phone No. ( ) _____
Street: _____ City _____ State: _____ Zip _____

AREA SQUARE FOOTAGE - SEWER - ELECTRIC:
Living Area: _____ Garage Area: _____ Carport: _____ Accessory Bldg: _____
Covered Patio: _____ Scr. Porch: _____ Wood Deck: _____
Type Sewage: _____ Septic Tank Permit # from Health Dept. _____
New Electrical Service Size: _____ AMPS

FLOOD HAZARD INFORMATION
Flood zone: _____ Minimum Base Flood Elevation (BFE): _____ NGVD
Proposed first habitable floor finished elevation: _____ NGVD (minimum 1 foot above BFE)

COSTS AND VALUES
Estimated cost of construction or Improvement: $ 20,000.-
Estimated Fair Market Value (FMV) prior to improvement: $ _____
If Improvement, is cost greater than 50% of Fair Market Value? YES____ NO____
Method of determining Fair Market Value: _____

SUBCONTRACTOR INFORMATION: (Notification to this office of subcontractor change is mandatory.)
Electrical: _____ State: _____ License # _____
Mechanical: N/A State: _____ License # _____
Plumbing: A+G Pools State: _____ License # _____
Roofing: N/A State: _____ License # _____

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standard of all laws regulating construction in this jurisdiction. I understand that a separate permit from the Town may be required for ELECTRICAL, PLUMBING, SIGNS, WELLS, POOLS, FURNACES, BOILERS, HEATERS, TANKS, AIR CONDITIONERS, DOCKS, SEA WALLS, ACCESSORY BUILDINGS, SAND OR FILL ADDITION OR REMOVAL, AND TREE REMOVAL.

I HEREBY CERTIFY: THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE 'BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS, INCLUDING FLORIDA MODEL ENERGY CODES.

OWNER or AGENT SIGNATURE (Required) CONTRACTOR SIGNATURE (Required)

ORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY) 04/06/2000

(561)288-2030 FAX (561)288-2481
Insurance Agency

., FL 34992

Barbara Walenius Ext:

A & G Concrete Pools, inc
410 Saeger Avenue
Fort Pierce, FL 34982

FILE
LC/LDS

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

COMPANY A: Valley Forge Ins. Co.
COMPANY B:
COMPANY C:
COMPANY D:

RECEIVED
APR - 8 2000
BY:

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS		
	GENERAL LIABILITY				GENERAL AGGREGATE	$	600,000
	X COMMERCIAL GENERAL LIABILITY				PRODUCTS - COMP/OP AGG	$	600,000
	CLAIMS MADE X OCCUR				PERSONAL & ADV INJURY	$	300,000
A	OWNER'S & CONTRACTOR'S PROT	1073661070	04/08/2000	04/08/2003	EACH OCCURRENCE	$	300,000
					FIRE DAMAGE (Any one fire)	$	100,000
					MED EXP (Any one person)	$	10,000
	AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT	$	
	ANY AUTO						
	ALL OWNED AUTOS				BODILY INJURY (Per person)	$	
	SCHEDULED AUTOS						
	HIRED AUTOS				BODILY INJURY (Per accident)	$	
	NON-OWNED AUTOS						
					PROPERTY DAMAGE	$	
	GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	$	
	ANY AUTO				OTHER THAN AUTO ONLY:		
					EACH ACCIDENT	$	
					AGGREGATE	$	
	EXCESS LIABILITY				EACH OCCURRENCE	$	
	UMBRELLA FORM				AGGREGATE	$	
	OTHER THAN UMBRELLA FORM					$	
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				WC STATU-TORY LIMITS / OTH-ER		
					EL EACH ACCIDENT	$	
	THE PROPRIETOR/ PARTNERS/EXECUTIVE OFFICERS ARE: INCL / EXCL				EL DISEASE - POLICY LIMIT	$	
					EL DISEASE - EA EMPLOYEE	$	
	OTHER						

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

CERTIFICATE HOLDER

Town of Sewalls Point
Att: Ed Arnold
Fax: 220-4765
1 S. Sewalls Point Road
Sewalls Point, FL 34996

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
David Deakins/BW

Certificate of Insurance

...ate is issued as a matter of information only and confers no rights upon you the certificate holder. This certificate is not an insurance policy and does not amend, or alter the coverage afforded by the policies listed below.

FILE

Named Insured(s):

Staff Leasing, LP, By Staff Acquisition, Inc., The General Partner, And The Affiliated Limited Partnerships Of Which Staff Acquisition, Inc. Is The General Partner And Staff Leasing, Inc. Is The Limited Partner including Staff Leasing of Texas, LP, Staff Leasing of Texas II, LP, Staff Leasing IV, LP
600 301 Boulevard West, Suite 202
Bradenton, Florida 34205

CNA RISK MANAGEMENT

Insurer Affording Coverage
Continental Casualty Company

Coverages:

The policy(ies) of insurance listed below have been issued to the insured named above for the policy period indicated. The insurance afforded by the policy(ies) described herein is subject to all the terms, exclusions and conditions of such policy(ies).

Type of Insurance	Certificate Exp. Date ☐ Continuous ☐ Extended *☒ Policy Term	Policy Number	Limits	
Workers' Compensation	1-1-2002	WC 189165165 WC 189165182 WC 247848874 WC 247848888	Employer's Liability	
			Bodily Injury By Accident $1,000,000	Each Accident
			Bodily Injury By Disease $1,000,000	Policy Limit
			Bodily Injury By Disease $1,000,000	Each Person

Other:

Employees Leased To:
18785 A and G Concrete Pools Inc

Effective Date: 1/1/01

The above referenced workers' compensation policy(ies) provide(s) statutory benefits only to the employees of the Named Insured(s) on such policy(ies), not to the employees of any other employer.

*If the certificate expiration date is continuous or extended term, you will be notified if coverage is terminated or reduced before the certificate expiration date. However, you will not be notified annually of the continuation of coverage.

Notice of Cancellation: (Not applicable unless a number of days are entered below)
Before the stated expiration date the company will not cancel or reduce the insurance afforded under the above policy(ies) until at least 30 days notice of such cancellation has been mailed to:

Certificate Holder:

Town of Sewells Point
1 S Sewalls Point Rd
Stuart, FL 34996-6736

Martin Oosterbaan
Authorized Representative

Office: St. Louis, MO
Phone: (877) 427-5567

12/15/00
Date Issued

RECEIVED
MAR 2 9 2001
BY:

AC# 5965019

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONST INDUSTRY LICENSING BOARD

DATE	BATCH NUMBER	LICENSE NBR
08/28/2000	00005570	CP -C057200

The COMMERCIAL POOL/SPA CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2002

ALLEN, ARTHUR H
A & G CONCRETE POOLS INC
410 SAEGER AVEUE
FORT PIERCE FL 34982

JEB BUSH
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CYNTHIA A. HENDERSON
SECRETARY

RECEI
MAR 2 9 2001
BY:_____

STATE OF FLORIDA AC# 5965069
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CP -C057200 08/28/2000 00005570

CERT COMMERCIAL POOL/SPA CONTR
ALLEN, ARTHUR H
A & G CONCRETE POOLS INC

IS CERTIFIED under the provisions of Ch. 489 FS.
Expiration Date: AUG 31, 2002

STATE OF FLORIDA AC# 5965049
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

QB -0015560 08/28/2000 00005638

QUALIFIED BUSINESS ORGANIZATION
A & G CONCRETE POOLS INC

(NOT A LICENSE TO PERFORM WORK. ALLOWS COMPANY TO DO BUSINESS IF IT HAS A LICENSED QUALIFIER.)

IS QUALIFIED under the provisions of Ch. 489 FS.
Expiration Date: AUG 31, 2001

MARTIN COUNTY
BOARD OF COUNTY COMMISSIONERS
2401 SE MONTEREY ROAD . STUART, FL 34996

PERMIT #

Residential Swimming Pools, Spa and Hot Tub Safety Act

Notice of Requirements

I (We) acknowledge that a new swimming pools, spa or hot tub will be constructed or installed at

105 ABBIE Court, and hereby affirm that one of the following methods
(Please Print Street Address)

will be used to meet the requirements of Chapter 515, Florida Statutes.
(please initial the method(s) to be used for your pool)

_____ The pool will be isolated from access to the home by an enclosure that meets the pool barrier requirements of Florida Statute 515.29;

_____ The pool will be equipped with an approved safety pool cover that complies with ASTM F1346-91 (Standard Performance Specifications for Safety Covers for Swimming Pools, Spas, and Hot Tubs);

_____ All doors and windows providing direct access from the home to the pool will be equipped with an exit alarm that has a minimum sound pressure rating of 85 decibels at 10 feet;

_____ All doors providing direct access from the home to the pool will be equipped with self-latching devices with release mechanisms placed no lower than 54" above the floor or deck;

I understand that not having one of the above installed at the time of final inspection, or when the pool is completed for contract purposes, will constitute a violation of Chapter 515, F.S. and will be considered as committing a misdemeanor of the second degree, punishable by fines up to $500 and/or up to 60 days in jail as established in Chapter 775, F.S.

CONTRACTOR'S SIGNATURE & DATE

CPC 057200

Arthur H. Allen
CONTRACTOR'S NAME (PLEASE PRINT)

STATE OF FLORIDA NOTARY PUBLIC TRACEY W. MCGHEE My Comm Exp. 12/12/03 No. CC 894251 [X] Personally Known [ ] Other I.D.

X 6/21/01
OWNER'S SIGNATURE & DATE

Michael J. Baum

X Patricia M. Baum 6/21/01
OWNER'S NAME (PLEASE PRINT)

Patricia M Baum

STATE OF FLORIDA NOTARY PUBLIC TRACEY W. MCGHEE My Comm Exp. 12/12/03 No. CC 894251 [X] Personally Known [ ] Other I.D.

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☐ Mon ☒ Wed ☒ Fri FEB 22, 2001 **Page** 1 **of** 2.

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5022	SMITH	ROOF SHEATHING	Passed	
(2)	133 S. RIVER RD.	TRUSS ENGR	Failed	
	MACARI.			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5643	BAUM	POOL DECK.	Passed	
(5)	105 ABBIE CT.			
	FOGLIA			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5647	PANTON	FINAL SCREEN	Passed	
(6)	17 S.E ISLAND RD.			
	COASTAL ALUM.			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5670	FREUDENBERG	DOCK & BOATLIFT	Failed	NO ACCESS
(10)	115 N. SPR	FINAL		
	J+B			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5538	MATTAWAN	METER FINAL	Passed	
(3)	141 S. River Rd.			
	LARSEN			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5663	HORVITT.	EXT. FRAMING.	Failed	
(9)	11 PORRIWINKLE.			
	DECON			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5636	FRANCK.	COLUMN.	PASSED.	
(7)	5 S. RIVER RD.			
	WILSBUILDING			INSPECTOR:

OTHER: _____

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☐ Mon ☐ Wed ☒ Fri Feb 8, 2001; Page 1 of ___.

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
I643		Pool Steel	Passed	
(8)	105 Abbie Ct.			
	A + G Pools			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5453	BRADEN	~~FINAL~~ TM TAG	Passed	
(2)	12 OAK WOOD			
	PACIFIC			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5642	WILLET	~~FINAL~~ TIN TAG.	FAILED	
(1)	3 TUMOR ST.	ROB. Rect		
	PACIFIC	283 7663		INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5612	DEGARMO	TRUSS ENGR	Failed	
(3)	24 W INDIAN POINT			
	DEGARMO			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5537	EARSLEY	DOCK/BOAT LIFT	Passed	
	3 N.E LAGOON ISL, CT.	FINAL.		
	RANCH.			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5427	[illegible] FLIA	FRAMING	Failed	
(7)	10 ABBIE			
	[illegible] FLIA			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
5548	[illegible] ILLINOIS	HURRICANE SHUTTER	Passed	
(6)	[illegible] NORTH SEWALL'S WAY			
	HAVE BLUE.			INSPECTOR:

OTHER: _____

COASTAL TESTING LABORATORY
P.O. BOX 2023
PALM CITY, FLORIDA 34991-2023
(561) 336-7161

COMPACTION TEST REPORT

ASTM D 2937-00

DATE : February 14, 2002

JOB NUMBER : 02-0212

PERMIT NUMBER : 5643

CLIENT : A & G Pools

CONTRACTOR : A & G Pools

JOB LEGAL : N/A

JOB ADDRESS : 105 Abbie Court
Sewalls Point, FL

SOIL CLASSIFICATION & REMARKS : A3 Friable brown sandy soil

TEST SAMPLE LOCATION : 10' IS LR Corner - Center of Pad - 10' IS RF Corner

	IN PLACE DRY DENSITY	MAXIMUM DRY DENSITY	% COMPACTION
1)	108.2	110.4	98.0
2)	107.8	110.4	97.6
3)	109.0	110.4	98.7

RESPECTFULLY SUBMITTED:

Ernesto Velasco

ERNESTO VELASCO, P.E.

COASTAL TESTING LABORATORY
P.O. BOX 2023
PALM CITY, FLORIDA 34991-2023
(561) 336-7161

MOISTURE DENSITY RELATIONSHIP

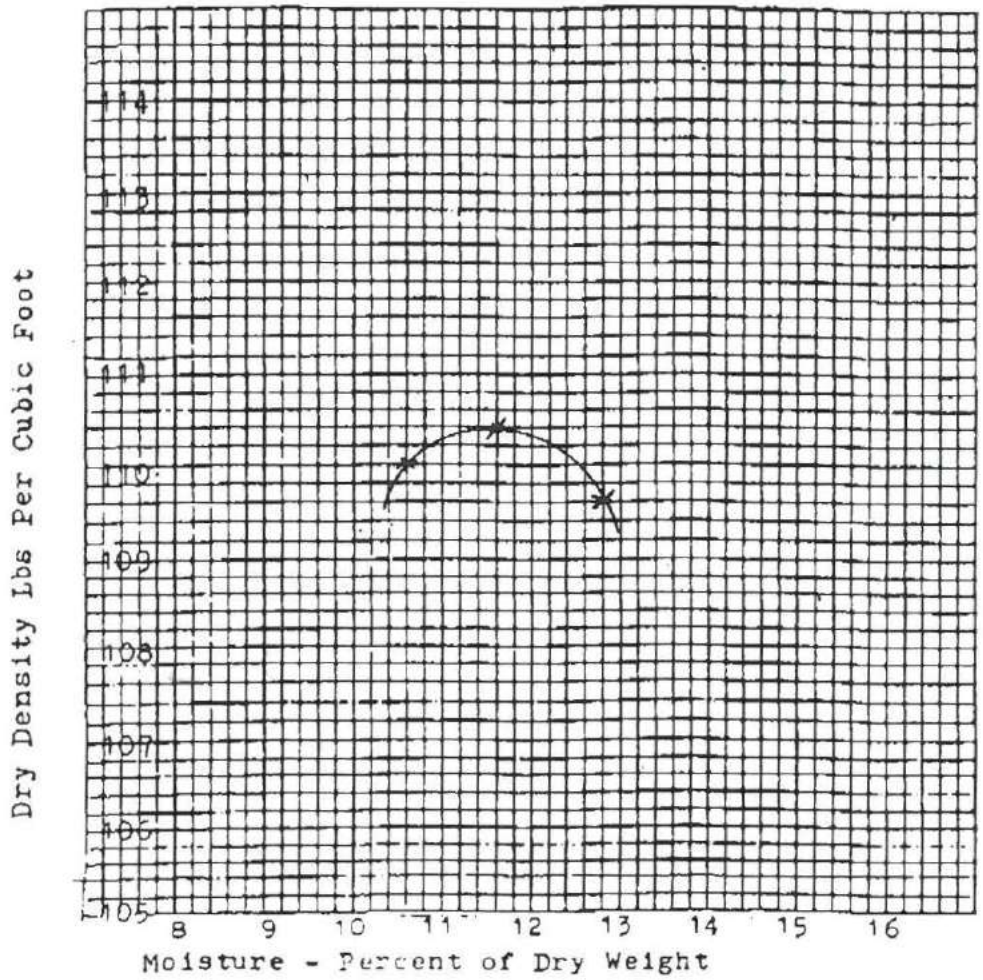
ASTM 1557-00

DATE : February 14, 2002

CONTRACTOR : A & G Pools

JOB NUMBER : 02-0212

PERMIT NUMBER : 5643



5785
ALUMINIUM SCREEN ROOF

LOT 11

NO OBSTRUCTIONS

S.24°59'18"E. 148.81'(P)(C)

138.81'(F)

SET I.B.(5/8") CAP # 4459

SET I.B.(5/8") CAP # 4459

5.0'

5.0'

CATCH BASIN

FND. C.M. (4"x4") # LB 4108

DRAINAGE EASEMENT

10.0'

5.0'

46.6'

25.0' BUILDING SETBACK LINE

S.47°35'49"W.

54.8'

20.0' BUILDING SETBACK LINE

63.7'

FLOOD ZONE: "A8" BASE ELEV. 9.00

FLOOD ZONE: "A8" BASE ELEV. 8.00

25.4'

32.0'

155.12'(P)(C)

138.81'(F)

20.0' BUILDING SETBACK LINE

DWELLING UNDER CONSTRUCTION

TOP OF STEM WALL ELEV. 9.07

9.4'

8.65'

6.0'

22.7'

23.4'

S.05°00'42"W.

32.9'

1.35'

STORM WATER MANHOLE

DRAINAGE & UTILITIES EASEMENT

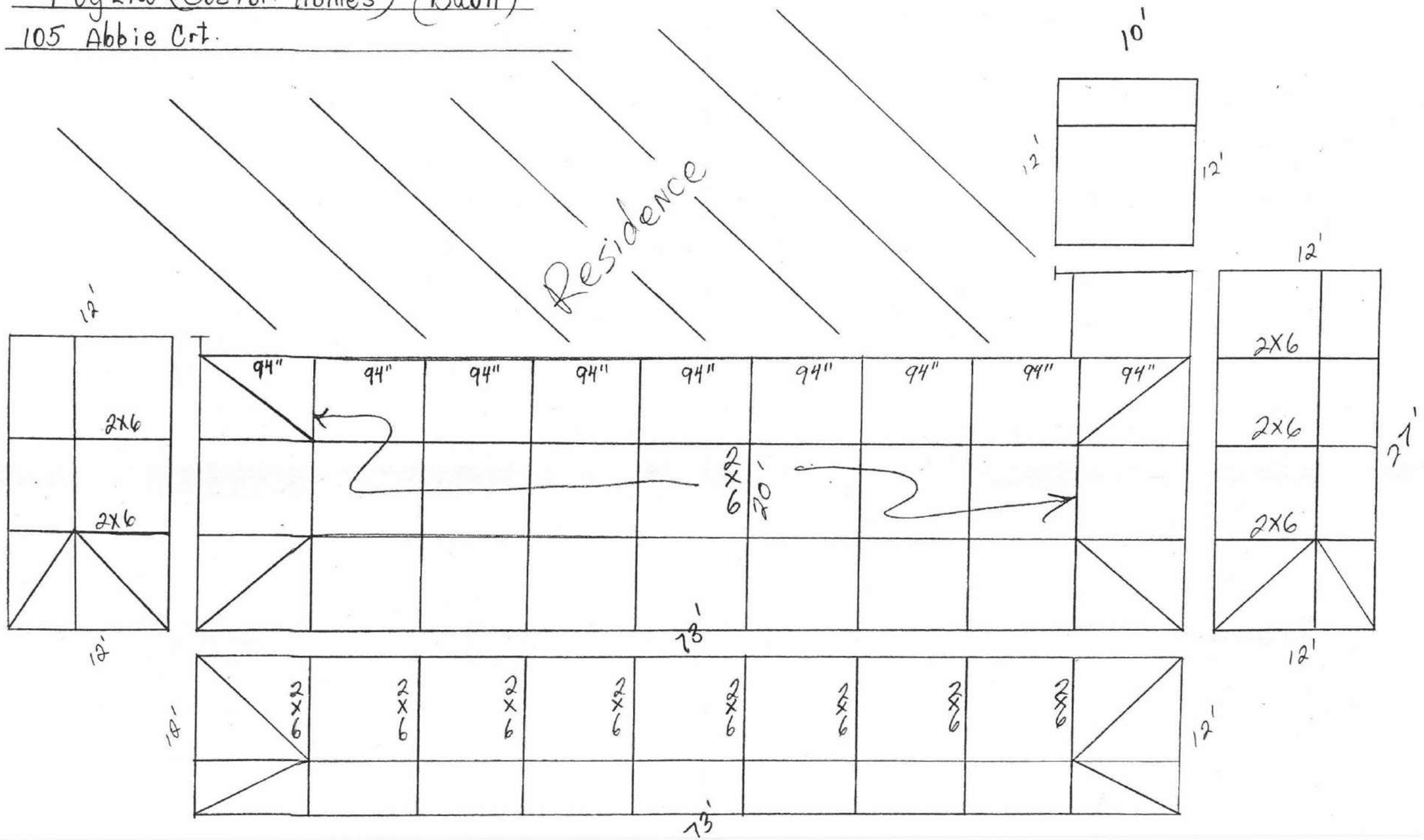
10.0'

Δ = 66°08'01"

RADIUS = 45.00

ARC = 51.94'(P)(

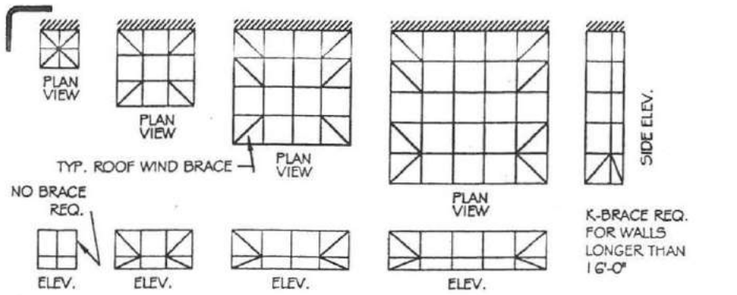
Foglia (Costom Homes) (Bauh)
105 Abbie Crt.



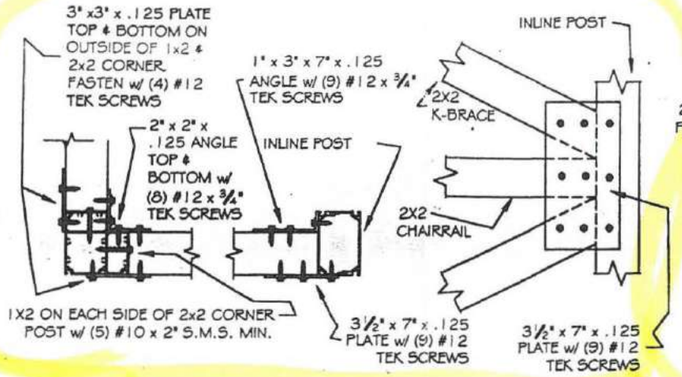
ALUMINUM SCREEN ROOF & WALL DETAILS

2001 FLORIDA BUILDING CODE SECTION 2002

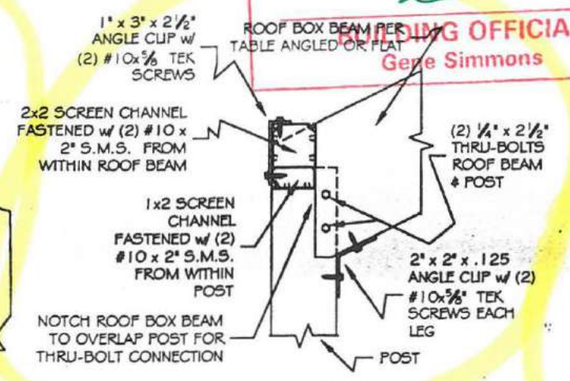
PLAN EFFECTIVE MARCH 1, 2002



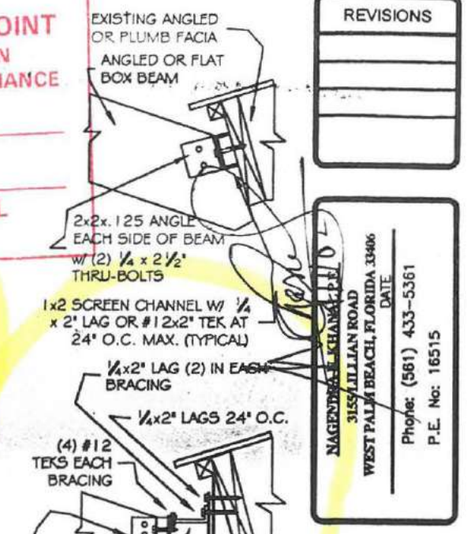
WIND BRACING DETAILS

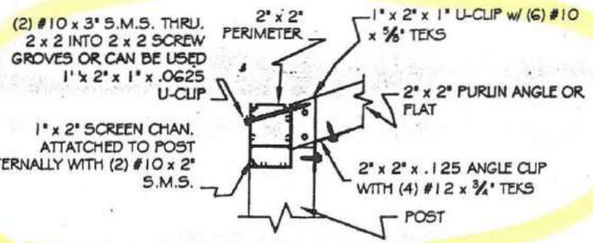


K-BRACE PLATE DETAIL

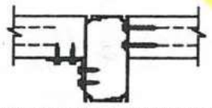


BEARING WALL PERIMETER CONNECTION



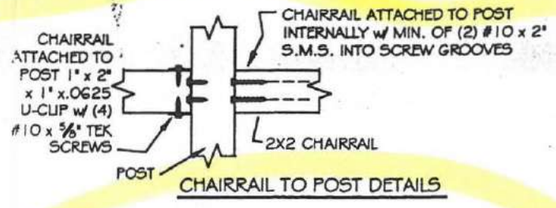


SIDE WALL PERIMETER CONNECTION

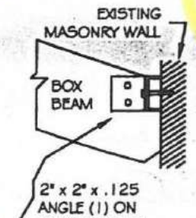


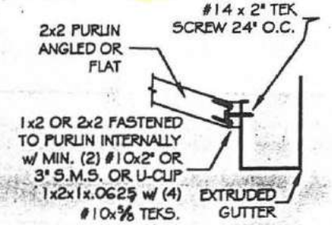
PURLINS TO SIDE WALLS OF SELF- MATING BEAM w/ (2) #10 x 2" S.M.S. EACH 1/2 OF BEAM INTO INTERNAL SCREW GROOVES OR 2 x 2 x .125" ANGLE CLIP w/ (4) #10 x 5/8" TEK SCREWS EACH SIDE OF BEAM

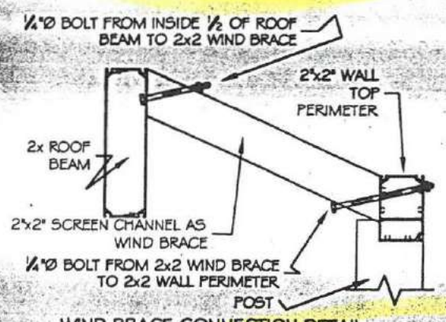
PURLIN TO BEAM CONNECTIONS



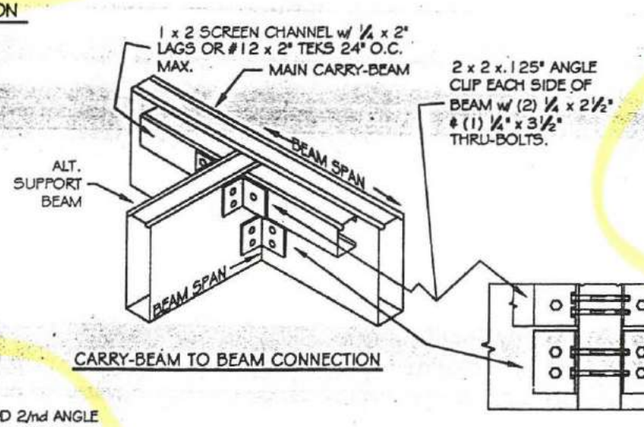
CHAIRRAIL TO POST DETAILS



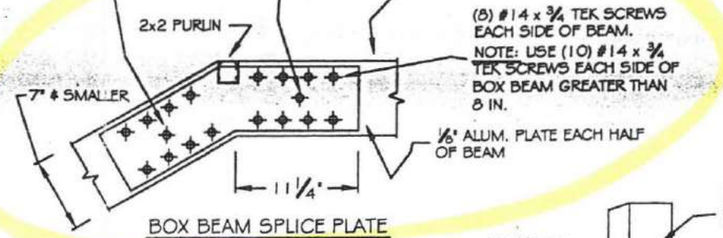




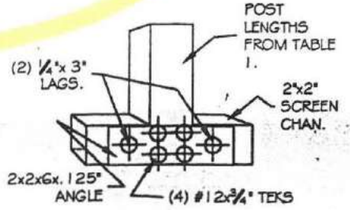
WIND BRACE CONNECTION DETAIL



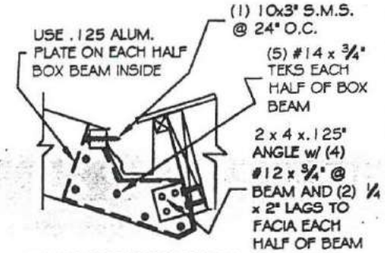
CARRY-BEAM TO BEAM CONNECTION



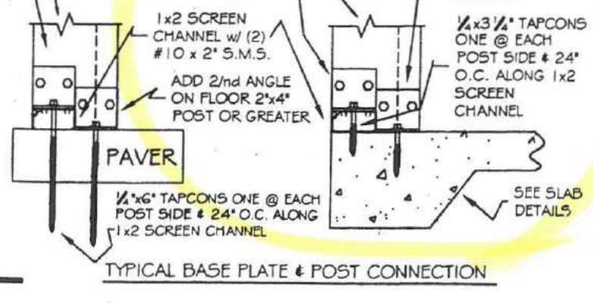
BOX BEAM SPLICE PLATE



TRANSOM PANEL DETAIL

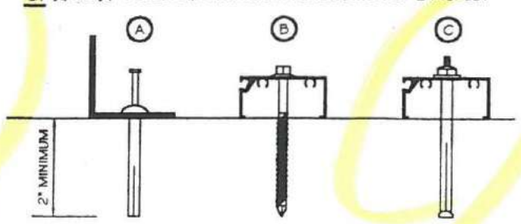


HOUSE GUTTER BEAM DETAIL

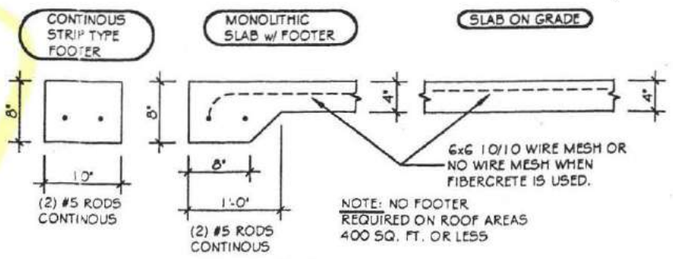


TYPICAL BASE PLATE & POST CONNECTION

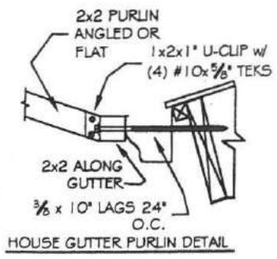
A. 1/4 x 2 1/2" DRIVE PIN w/ A MINIMUM PENETRATION OF 2 INCHES.
B. 1/4 x 3 1/2" TAPCON w/ A MINIMUM PENETRATION OF 2 INCHES.
C. 1/4 x 3 1/4" T-BOLT w/ A MINIMUM PENETRATION OF 2 INCHES.



MASONRY FASTENERS



MASONRY DETAILS



HOUSE GUTTER PURLIN DETAIL

REVISIONS

NAGENDRA L. KHAMBATI
3155 JILLIAN ROAD
WEST PALM BEACH, FLORIDA 33406
Phone: (561) 433-5361
P.E. No: 16515

SCREEN ROOFED POOL/PATIO ENCLOSURES

THESE PLANS ARE EXCLUSIVELY USED BY:

DRAWN BY: DAVID SUTTON
CHECKED BY:
SCALE: AS NOTED
DATE:
PROJECT:

SEAL

JOB#
SHEET No.
ONE
of 2 Sheets

DESIGN CERTIFICATION for BUILDING CODE COMPLIANCE

ALUMINUM SCREEN ROOF & WALL SPECIFICATIONS

2001 FLORIDA BUILDING CODE SECTION 2002

PLAN EFFECTIVE MARCH 1, 2002

Project Address: _____ Permit No: _____

Project Description: _____

Occupancy/Use Type: _____
SFD, MULTIFAMILY, COMMERCIAL, INDUSTRIAL - DESCRIBE

Design Parameters

Minimum Soil Bearing Capacity: 2500 Stair Live Load: _____

First Floor Live Load: _____ Dead Load: _____ Partition Loads: _____

Second Floor Live Load: _____ Dead Load: _____ Partition Loads: _____

Roof Truss TC Live Load: _____ TC Dead Load: _____ BC Live Load: _____ BC Dead Load: _____

Wind Loads

Code Edition Used: 2001 FBC ✓ OR ASCE 7-98 _____

Exposure Catagory: _____ (B or C or Tested)

Building Designed as: Enclosed: _____ Partially Enclosed: _____ Open: ✓

Mean Roof Height: ≤ 30 Ft. (Greater than 60 ft. must use ASCE 7-98)

Basic Wind Speed: 140 (3 second gust) Basic Velocity Pressure: 10 p.s.f.

Internal Pressure Coefficient: _____ (If ASCE 7-98 analytical proceedure is used)

Total Roof Dead Load: 2.0 (Used to determine uplifts)

Reviewed for Shearwall Requirements? YES ____ NO ✓ If No, Reason: SCREEN

Impact Protection Required? YES ____ NO ✓ If No, Reason: SCREEN

Actual positive and negative pressures for each window, door ect, are to be labeled on the plans.

Commercial and multi-family flat roofs require uplifts by zone indicated on the plans for decking and finish.

I certify that I have designed the structure associated with this form to comply with the applicable structural portions of the Florida Building Code as adopted and enforced by the Palm Beach County Planning, Zoning & Building Department, Building Division. I also certify that the structural components, systems, and related elements provide adequate resistance to wind loads and forces specified by the current Code provisions.

Name: N. Khanal

License No.: 16515

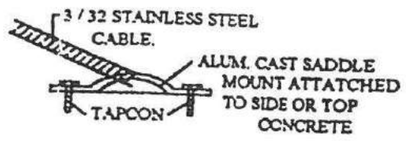


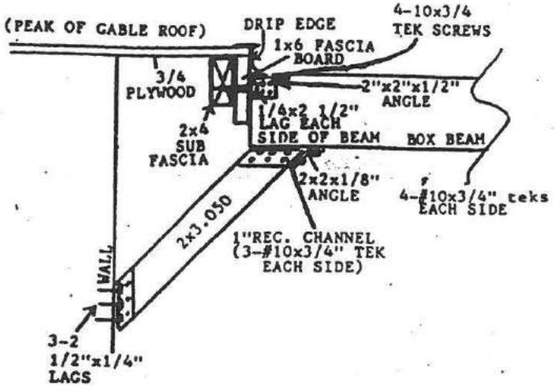
TABLE 1 Post lengths and Spacing for Screen WALLS

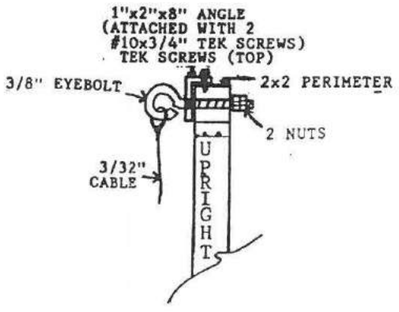
POST SIZE	MAX WALL SPACING	MAX POST HEIGHT
2"x3"x.045 Snap	7 FT.-0 IN. 8 FT.-0 IN.	7 FT.-6 IN. 8 FT.-10 IN.
2"x4"x.045 S.M.B.	5 FT.-0 IN. 6 FT.-0 IN. 7 FT.-0 IN. 8 FT.-0 IN.	11 FT.-5 IN. 10 FT.-6 IN. 9 FT.-5 IN. 9 FT.-0 IN.
2"x5"x.050 S.M.B.	4 FT.-0 IN. 5 FT.-0 IN. 6 FT.-0 IN. 7FT.-0 IN. 8 FT.-0 IN.	15 FT.-9 IN. 14 FT.-2 IN. 12 FT.-10 IN. 11 FT.-10 IN. 11 FT.-3 IN.
2"x6"x.050 S.M.B.	4 FT.-0 IN. 5 FT.-0 IN. 6 FT.-0 IN. 7 FT.-0 IN. 8 FT.-0 IN.	19 FT.-8 IN. 17 FT.-9 IN. 16 FT.-3 IN. 15 FT.-0 IN. 14 FT.-0 IN.
2"x7"x.055 S.M.B.	4 FT.-0 IN. 5 FT.-0 IN. 6 FT.-0 IN. 7 FT.-0 IN. 8 FT.-0 IN.	23 FT.-0 IN. 21 FT.-0 IN. 19 FT.-1 IN. 17 FT.-8 IN. 16 FT.-8 IN.
2"x8"x.072 S.M.B.	4 FT.-0 IN. 5 FT.-0 IN. 6 FT.-0 IN. 7 FT.-0 IN. 8 FT.-0 IN.	27 FT.-5 IN. 24 FT.-8 IN. 22 FT.-6 IN. 21FT.-2 IN. 19 FT.-7 IN.
2"x9"x.082 S.M.B.	4 FT.-0 IN. 5 FT.-0 IN. 6 FT.-0 IN. 7 FT.-0 IN. 8 FT.-0 IN.	28 FT.-10 IN. 27 FT.-7 IN. 25 FT.-4 IN. 23 FT.-8 IN. 21 FT.-9 IN.
2"x10"x.092 S.M.B.	4 FT.-0 IN. 5 FT.-0 IN. 6 FT.-0 IN. 7 FT.-0 IN. 8 FT.-0 IN.	35 FT.-6 IN. 33 FT.-1 IN. 31 FT.-1 IN. 29 FT.-7 IN. 28 FT.-4 IN.

TABLE 2 SPAN TABLE FOR SCREENED ROOF BOX BEAMS (SELF MATING BEAMS)

BEAM SIZE	2x3" SNAP .045	2x4" S.M.B. .045	2x5" S.M.B. .050	2x6" S.M.B. .055	2x7" S.M.B. .055	2x8" S.M.B. .072	2x9" S.M.B. .082	2x10" S.M.B. .092
4'0" O.C.	13'-0"	16'-3"	20'-0"	22'-7"	28'-0"	34'-0"	39'-4"	45'-10"
4'6" O.C.	12'-2"	15'-7"	19'-3"	21'-7"	26'-6"	32'-6"	37'-10"	44'-1"
5'0" O.C.	11'-5"	16'-0"	18'-6"	20'-7"	25'-0"	31'-0"	36'-5"	42'-5"
5'6" O.C.	10'-9"	14'-10"	18'-0"	19'-9"	24'-0"	29'-6"	35'-7"	41'-9"
6'0" O.C.	10'-0"	14'-3"	17'-6"	19'-0"	23'-0"	28'-0"	33'-10"	40'-0"
6'6" O.C.	9'-5"	13'-10"	16'-9"	18'-5"	22'-2"	27'-0"	32'-7"	39'-0"
7'0" O.C.	8'-10"	13'-6"	16'-0"	17'-9"	21'-4"	26'-0"	31'-4"	37'-11"
7'6" O.C.	8'-7"	13'-0"	15'-6"	17'-4"	20'-9"	25'-5"	30'-7"	36'-9"
8'0" O.C.	8'-3"	12'-7"	15'-0"	16'-10"	20'-4"	24'-10"	29'-9"	35'-8"

ADD 4.00 FEET TO THE ABOVE SPANS FOR ANY SPLICED BEAMS





SPECIFICATIONS

1. SHEET METAL SCREWS SHALL BE PLATED OR STAINLESS
2. ALUMINUM FASTENERS SHALL BE OF ALLOY 2024- T4
3. BEAM ALLOY SHALL BE 6063-T6 POST, PURLINS, ANGLES, AND CHANNELS ALLOY SHALL BE 6063-T5
4. CONCRETE TO BE 2500 P.S.I.
5. T- BOLTS, TAPCONS, LAGS, SCREWS TEKS SHALL BE 24" O.C.
6. ALL EXTRUSIONS MAY ACCEPT EITHER FLAT OR ROUND SPLINE. INSTALLED TO HOLD 18 / 14 OR 20 / 20 SCREEN INTO EXTRUDED SPLINE GROOVES.
7. STRUCTURES DETAILED AND SPECIFIED IN THESE PLANS WERE DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (F.B.C.) FOR 140 M.P.H. WIND ZONE.

REVISIONS

NAGENDRA N. KHANAL, P.E. #16515
3155 LIFTIAN ROAD
WEST PALM BEACH, FLORIDA 33406
DATE
Phone: (561) 433-5361
P.E. No: 16515

SCREEN ROOFED POOL/PATIO ENCLOSURES

THESE PLANS ARE EXCLUSIVELY USED BY:

DRAWN BY: DAVID SUTTON
CHECKED BY:
SCALE: AS NOTED
DATE:
PROJECT:

SEAL

JOB#
SHEET No.
TWO
of 2 Sheets

5802
IRRIGATION SYSTEM

MASTER PERMIT NO. _____

TOWN OF SEWALL'S POINT

Date 5/24/02

BUILDING PERMIT NO. 5802

Building to be erected for Foglia Contracting Corp Type of Permit Irrigation Sys

Applied for by Foglia Contracting Corp (Contractor)

Subdivision Sewall's Meadow Lot 16 Block _____

Address 105 Abbie Ct

Type of structure SFR

Parcel Control Number:

13384 1013 00000 160 000000

Amount Paid 35.00 Check # 4964 Cash _____

Total Construction Cost $ 2,800.00

Building Fee	35.00
Radon Fee	
Impact Fee	
A/C Fee	
Electrical Fee	
Plumbing Fee	
Roofing Fee	
Other Fees (_____)	
TOTAL Fees	35.00

Signed _____ Applicant

Signed Gene Simmons / rfn Town Building Official

PERMIT

- ☐ BUILDING
- ☐ PLUMBING
- ☐ DOCK/BOAT LIFT
- ☐ SCREEN ENCLOSURE
- ☐ FILL
- ☐ TREE REMOVAL
- ☐ ELECTRICAL
- ☐ ROOFING
- ☐ DEMOLITION
- ☐ TEMPORARY STRUCTURE
- ☐ HURRICANE SHUTTERS
- ☐ STEMWALL
- ☐ MECHANICAL
- ☐ POOL/SPA/DECK
- ☐ FENCE
- ☐ GAS
- ☐ RENOVATION
- ☐ ADDITION
- ☒ IRRIGATION

INSPECTIONS

UNDERGROUND PLUMBING		UNDERGROUND GAS	
UNDERGROUND MECHANICAL		UNDERGROUND ELECTRICAL	
STEMWALL FOOTING		FOOTING	
SLAB		TIE BEAM/COLUMNS	
ROOF SHEATHING		WALL SHEATHING	
TRUSS ENG/WINDOW/DOOR BUCKS		LATH	
ROOF TIN TAG/METAL		ROOF-IN-PROGRESS	
PLUMBING ROUGH-IN		ELECTRICAL ROUGH-IN	
MECHANICAL ROUGH-IN		GAS ROUGH-IN	
FRAMING		EARLY POWER RELEASE	
FINAL PLUMBING		FINAL ELECTRICAL	
FINAL MECHANICAL		FINAL GAS	
FINAL ROOF		BUILDING FINAL	

Town of Sewall's Point

BUILDING PERMIT APPLICATION Building Permit Number: _____

Owner or Titleholder Name: FOGLIA CONTRACTING CORP. City: CORAL SPRINGS State: FL. Zip: 33067

Legal Description of Property: LOT 16 SEWALLS MEADOW PB14 PG.32 Parcel Number: 133841013 000001600000

Location of Job Site: 105 ABBIE COURT Type of Work To Be Done: IRRIGATION SYSTEM

CONTRACTOR/Company Name: FOGLIA CONTRACTING CORP. Phone Number: 954-444-6126

Street: 7428 WILES RD. City: CORAL SPRINGS State: FL. Zip: 33067

State Registration Number: _____ State Certification Number: CGC 038434 Martin County License Number: _____

ARCHITECT: _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

ENGINEER: _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE – SEWER – ELECTRIC Living: _____ Garage: _____ Covered Patios: _____ ScreenedPorch: _____

Carport: _____ Total Under Roof _____ Wood Deck: _____ Accessory Building: _____

Type Sewage: _____ Septic Tank Permit Number From Health Depart. _____ Well Permit Number: _____

FLOOD HAZARD INFORMATION Flood Zone: _____ Minimum Base Flood Elevation (BFE): _____ NGVD

Proposed First Floor Habitable Floor Finished Elevation: _____ NGVD (Minimum 1 Foot Above BFE)

COST AND VALUES Estimated Cost of Construction or Improvements: #2,800.00 Estimated Fair Market Value (FMV) Prior

To Improvements: _____ If Improvement, Is Cost Greater Than 50% Of Fair Market Value YES _____ NO _____

SUBCONTRACTOR INFORMATION

Electrical: _____ State: _____ License Number: _____

Mechanical: _____ State: _____ License Number: _____

Plumbing: _____ State: _____ License Number: _____

Roofing: _____ State: _____ License Number: _____

IRRIGATION: SOUTHERN IRRIGATION FLORIDA MC SP007134

I understand that a separate permit from the Town may be required for ELECTRICAL, PLUMBING, SIGNS, WELLS, POOLS, FURNANCE, BOILERS, HEATERS, TANKS, AIR CONDITIONERS, DOCKS, SEA WALLS, ACCESSORY BUILDINGS, SAND OR FILL ADDITION OR REMOVAL, AND TREE REMOVAL AND RELOCATIONS.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION

Florida Building Code (Structural, Mechanical, Plumbing, Gas) _____ South Florida Building Code (Structural, Mechanical, Plumbing, Gas) _____

National Electrical Code _____ Florida Energy Code _____

Florida Accessibility Code _____

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES. LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (Required)

State of Florida, County of: Broward

This the 21st day of March, 2002

by Joseph M Foglia who is personally known to me or produced _____ as identification. Eunice G Uberstine

Notary Public

My Commission Expires: _____

Eunice G. Uberstine
Commission # CC 900842
Expires Feb. 23, 2004
Bonded Thru
Atlantic Bonding Co., Inc.

Seal

CONTRACTOR SIGNATURE (Required)

On State of Florida, County of: Broward

This the 21st day of March, 2002

by Joseph M Foglia who is personally known to me or produced _____ As identification. Eunice G Uberstine

Notary Public

My Commission Expires: _____

Eunice G. Uberstine
Commission # CC 900842
Expires Feb. 23, 2004
Bonded Thru
Atlantic Bonding Co., Inc.

Seal

ACORD CERTIFICATE OF LIABILITY INSURANCE

OP ID AC FOGLI-1

DATE (MM/DD/YY) 02/22/02

PRODUCER

INNOVATIVE INS. CONS., INC.
9365 W. SAMPLE ROAD STE.201
CORAL SPRINGS FL 33065
Phone: 954-340-9551 Fax: 954-340-9456

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURERS AFFORDING COVERAGE

INSURED

FOGLIA CONSTRUCTION CO., INC.
FOGLIA CONTRACTING CORP. D/B/A
FOGLIA CUSTOM HOMES
7428 WILES ROAD
CORAL SPRINGS FL 33067

INSURER A:	ROYAL / SUN-ALLIANCE
INSURER B:	HARTFORD INSURANCE CO.
INSURER C:	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A	GENERAL LIABILITY [X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC	AHG504412	10/20/01	10/20/02	EACH OCCURRENCE FIRE DAMAGE (Any one fire) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 50,000 $ 10,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
A	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS [X] HIRED AUTOS [X] NON-OWNED AUTOS	AHG504412-A	10/20/01	10/20/02	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
	GARAGE LIABILITY [ ] ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
A	EXCESS LIABILITY [X] OCCUR [ ] CLAIMS MADE [ ] DEDUCTIBLE [ ] RETENTION $	PHN504413	10/20/01	10/20/02	EACH OCCURRENCE AGGREGATE	$ 1,000,000 $
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY	38 WBG GD3443 FLORIDA OPERATIONS ONLY	03/01/02	03/01/03	[X] WC STATUTORY LIMITS [ ] OTHER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 100,000 $ 100,000 $ 500,000
	OTHER				10 DAYS CANC. FOR	NOTICE IF NON-PMT

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

CERTIFICATE HOLDER | N | ADDITIONAL INSURED; INSURER LETTER: ___

SEWAL-1

TOWN OF SEWALL'S POINT
1 S. SEWALL'S POINT ROAD
SEWALLS POINT FL 34496

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
THOMAS J. DEFRANCO Thomas J. DeFranco

ACORD 25-S (7/97)

AC# 5910992

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

DATE	BATCH NUMBER	LICENSE NBR
07/13/2000	00090014	CG-C038434

The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2002

FOGLIA, JOSEPH N
FOGLIA CONTRACTING CORP
7428 WILES RD
CORAL SPRINGS FL 33067

JEB BUSH
GOVERNOR

DISPLAY AS REQUIRED BY LAW

CYNTHIA A. HENDERSON
SECRETARY

CG-C038434

8255
GENERATOR

Martin County SPGI-2006-0021

MASTER PERMIT NO.

TOWN OF SEWALL'S POINT

Date 6-12-06

BUILDING PERMIT NO. 8255

Building to be erected for Baum

Type of Permit Generator, Pad & Elec

Applied for by Taurus Electric (Contractor) 960/1000 G

Building Fee 172.80

Subdivision Sewalls Meadows Lot 16 Block

Radon Fee

Address 105 Abbie Ct

Impact Fee

Type of structure SFR

A/C Fee

Electrical Fee

Parcel Control Number:

Plumbing Fee

133841013-000 00160-0000

Roofing Fee

Amount Paid $172.80 Check # 4994 Cash Other Fees ( )

Total Construction Cost $ 18000 —

TOTAL Fees 172.80

Signed Patricia M Baum

Applicant

Signed Valerie Dwyer

Town Building ~~Official~~ Dept Clerk

MARTIN COUNTY
BUILDING PERMIT

CARD MUST BE POSTED IN A CONSPICUOUS PLACE ON THE FRONT OF THE PREMISES WITHIN VIEW OF THE STREET BEFORE WORK IS STARTED.

Permit Number:	SP01 - 20060021
Permit Type:	SEWALLS POINT
Date Issued:	05-JUN-06
Project:	
Scope of Work:	INSTALL 25 KW LP GAS STANDBY GENERATOR

Applicant/Contact:	RIOUX, ALAIN P /
Parcel Control Number:	13-38-41-013-000-0016.0-00000
Subdivision:	SEWALL'S MEADOW
Construction Address:	105 ABBIE CT
Location Description:	
Owner Name:	BAUM, MICHAEL J & PATRICIA M
Prime Contractor:	RIOUX, ALAIN P 1400 FORSYTHE RD STE G WEST PALM BEACH, FL 33405 772-545-3338
	TAURUS ELECTRIC INC License No.: EC0001888

In consideration of the granting of this permit, it is agreed that in all respects the work will be performed and completed in accordance with the permitted plans and the applicable codes for Martin County, Florida. This permit may be revoked at any time upon the violation of any of the provisions of said laws, ordinances or rules and regulations or upon any change in the plans and specifications unauthorized by this department. Permit expires one hundred eighty (180) days from the date of issuance if work is not started or if work is suspended for a period of six months. Per FBC Section 3305, sanitary facilities shall be provided during construction, remodeling, or demolition activities.

"NOTICE: IN ACCORDANCE TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THE COUNTY AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES."

"WARNING TO OWNER; YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."
A CERTIFIED COPY OF RECORDED NOTICE OF COMMENCEMENT MUST BE SUBMITTED TO THE ISSUING AUTHORITY PRIOR TO THE FIRST INSPECTION.

ALL REINSPECTIONS OR ADDITIONAL INSPECTIONS WILL BE CHARGED AT A RATE ESTABLISHED BY THE BOARD OF COUNTY COMMISSION. **NOTICE**: DO NOT ORDER CONCRETE UNTIL INSPECTION IS APPROVED.

UPON COMPLETION OF WORK, A FINAL INSPECTION MUST BE CALLED FOR BY THE CONTRACTOR. FAILURE TO DO SO WILL RESULT IN A DENIAL OF FUTURE BUILDING PERMITS TO THE CONTRACTOR.

INSPECTIONS

Phone 221-2364 (interactive voice) or 288-5489 for inspections. 24 hour notice is required.
The inspections listed below may not represent all necessary required inspections for the scope of work.

6099 Residential Final _____

MARTIN COUNTY
BUILDING PERMIT CONDITIONS

Conditions

1. INFORMATIONAL COMMENTS - GENERATORS

   Engines and their weatherproof housings, if provided, that are installed outdoors shall be located at least five (5) feet from openings in walls and at least five (5) feet from structures having combustible walls. Installation shall comply strictly with applicable provisions of the National Electric Code and NFPA 37.

   Identify loads connected to gen. set. load calc's and voltage drops. (ok per Larry Massing 6/5/06)

Taurus Electric
Treasure Coast, Inc.

PO BOX 295
Jupiter, FL 33468-0295
Martin County: 772-545-3338
Palm Beach: 561-744-9260
Fax: 561-744-9262

Fax

To:	Valerie	**From:**	Alain Rioux
Fax:	772-220-4765	**Date:**	6/9/06
Phone:		**Pages:**	1 (including cover)
Re:	Baum Permit	**CC:**	

☐ **Urgent** X **For Review** ☐ **Please Comment** ☐ **Please Reply**

I authorize Patricia or Michael Baum to pick up the generator permit for their residence at 105 Abbie Court.

Thank you.

Alain Rioux - President

RECEIVED 5-1-06

Town of Sewall's Point
BUILDING PERMIT APPLICATION

Date: 5/1/06 Permit Number:

OWNER/TITLEHOLDER NAME: PATRICIA AND MICHAEL BAUM Phone (Day) 772-220-1936 (Fax)

Job Site Address: 105 ABBIE CT City: STUART State: FL Zip: 34996

Legal Desc. Property (Subd/Lot/Block) LOT 16 SEWALL'S MEADOW Parcel Number: 13-38-41-013-000-00160-0060

Owner Address (if different): City: State: Zip:

Description of Work To Be Done: INSTALL 25KW L.P. GAS STANDBY GENERATOR

WILL OWNER BE THE CONTRACTOR?:

YES (NO)

(If no, fill out the Contractor & Subcontractor sections below)

(If yes, Owner Builder Affidavit must accompany application)

COST AND VALUES:

Estimated Cost of Construction or Improvements: $ 18,000.00
(Notice of Commencement needed over $2500)

Estimated Fair Market Value prior to improvement: $

Is improvement cost 50% or more of Fair Market Value? YES (NO)

Method of Determining Fair Market Value:

CONTRACTOR/Company: TAURUS ELECTRIC T.C. INC. Phone: 561 744-9260 Fax: 561 744-9262

Street: P.O. BOX 295 City: JUPITER State: FL Zip: 33468

State Registration Number: EC4001888 State Certification Number: EC4001888 Martin County License Number:

SUBCONTRACTOR INFORMATION:

Electrical: State: License Number:

Mechanical: State: License Number:

Plumbing: State: License Number:

Roofing: State: License Number:

ARCHITECT Lic.#: Phone Number:

Street: City: State: Zip:

ENGINEER Lic# Phone Number:

Street: City: State: Zip:

AREA SQUARE FOOTAGE – SEWER – ELECTRIC Living: Garage: Covered Patios: Screened Porch:

Carport: Total Under Roof Wood Deck: Accessory Building:

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION: Florida Building Code (Structural, Mechanical, Plumbing, Gas): 2004
National Electrical Code: 2002 Florida Energy Code: 2004 Florida Accessibility Code: 2004 Florida Fire Code 2004

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (required)

Patricia M Baum

State of Florida, County of: Martin

This the 1st day of May, 2006

by Patricia M Baum who is personally known to me or produced H DRIVERS LICENSE as identification.

Rajwantie Bishundat
Notary Public

My Commission Expires:

RAJWANTIE BISHUNDAT
Notary Public, State of Florida
Commission# DD526440
My comm. expires Mar. 07, 2010

Seal

CONTRACTOR SIGNATURE (required)

On State of Florida, County of: Martin

This the 1ST day of May, 2006

by ALAIN RIOUX who is personally known to me or produced H DRIVERS LICENSE as identification.

Rajwantie Bishundat
Notary Public

My Commission Expires:

RAJWANTIE BISHUNDAT
Notary Public, State of Florida
Commission# DD526440
My comm. expires Mar. 07, 2010

Seal

PERMIT APPLICATIONS VALID 30 DAYS FROM APPROVAL NOTIFICATION – PLEASE PICK UP YOUR PERMIT PROMPTLY!

TO BE COMPLETED WHEN CONSTRUCTION VALUE EXCEEDS $2500.00

PERMIT #_____ TAX FOLIO #_____

NOTICE OF COMMENCEMENT

STATE OF Florida COUNTY OF Martin

THE UNDERSIGNED HEREBY GIVES NOTICE THAT IMPROVEMENT WILL BE MADE TO CERTAIN REAL PROPERTY, AND IN ACCORDANCE WITH CHAPTER 713, FLORIDA STATUTES, THE FOLLOWING INFORMATION IS PROVIDED IN THIS NOTICE OF COMMENCEMENT.

LEGAL DESCRIPTION OF PROPERTY(INCLUDE STREET ADDRESS IF AVAILABLE):
Lot 16 Sewall's Meadow; 105 Abbie Ct, Stuart, FL 34996

GENERAL DESCRIPTION OF IMPROVEMENT: STANDBY GENERATOR

OWNER: Michael and Patricia Baum
ADDRESS: 105 Abbie Ct. Stuart, FL 34996
PHONE #: 772-220-1936 FAX #: 772-219-5448

INTEREST IN PROPERTY: 100% owner

NAME AND ADDRESS OF FEE SIMPLE TITLE HOLDER(IF OTHER THAN OWNER):_____

CONTRACTOR: TAURUS ELECTRIC TREASURE COAST, INC.
ADDRESS: PO Box 295, JUPITER, FL 33468
PHONE #: 561-744-9260 FAX #: 561-744-9262

SURETY COMPANY(IF ANY)_____
ADDRESS:_____
PHONE #_____ FAX #_____
BOND AMOUNT:

LENDER/MORTGAGE COMPANY_____
ADDRESS:_____
PHONE #:_____ FAX #:_____

STATE OF FLORIDA
MARTIN COUNTY
THIS IS TO CERTIFY THAT THE FOREGOING 1 PAGES IS A TRUE AND CORRECT COPY OF THE ORIGINAL
MARSHA EWING, CLERK
BY _____ D.C.
DATE 4/27/06
CIRCUIT COURT MARTIN COUNTY, FLORIDA

PERSONS WITHIN THE STATE OF FLORIDA DESIGNATED BY OWNER UPON WHOM NOTICES OR OTHER DOCUMENTS MAY BE SERVED AS PROVIDED BY SECTION 713.13(1)(A)7., FLORIDA STATUTES:

NAME:_____
ADDRESS:_____
PHONE #:_____ FAX #:_____

IN ADDITION TO HIMSELF OR HERSELF, OWNER DESIGNATES _____ OF _____ TO RECEIVE A COPY OF THE LIENOR'S NOTICE AS PROVIDED IN SECTION 713.13(1)(B), FLORIDA STATUTES.
PHONE #:_____ FAX #:_____

EXPIRATION DATE OF NOTICE OF COMMENCEMENT:_____
THE EXPIRATION DATE IS ONE (1) YEAR FROM THE DATE OF RECORDING UNLESS A DIFFERENT DATE IS SPECIFIED ABOVE.

Patricia M Baum
SIGNATURE OF OWNER

SWORN TO AND SUBSCRIBED BEFORE ME THIS 26th DAY OF April 2006
BY Patricia M. Baum.

PERSONALLY KNOWN_____
OR PRODUCED ID_____
TYPE OF ID Florida Drivers License

Rosalind M Green
NOTARY SIGNATURE

/data/bid/bldg_forms/Current.forms/noc.aw 02/06/03

ROSALIND M. GREEN
MY COMMISSION # DD 209368
EXPIRES: July 25, 2007
Bonded Thru Notary Public Underwriters

ROSALIND M. GREEN
MY COMMISSION # DD 209368
EXPIRES: July 25, 2007

INSTR # 1928825 OR BK 02137 PG 0408 RECD 04/27/2006 01:27:56 PM
Pg 0408; (1pg)
MARSHA EWING MARTIN COUNTY DEPUTY CLERK L Wood

Summary

Parcel Info
Summary
Land
Residential
Improvement
Commercial
Image
Sales & Transfers
Assessments ➡
Taxes ➡
Parcel Map ➡
Full Legal ➡

Search By
Parcel ID
Owner
Address
Account #
Use Code
Legal Description
Neighborhood
Sales
Map ➡

Site Functions
Property Search
Contact Us
On-Line Help
County Home
Site Home
County Login

Parcel ID	Unit Address	Serial ID	Index Order	Commercial	Residential
13-38-41-013-000-00160-0	105 ABBIE COURT	119120	Address	0	1

Summary
Property Location 105 ABBIE COURT
Tax District 2200 Sewall's Point
Account # 119120
Land Use 101 0100 Single Family
Neighborhood 120300
Acres

Legal Description
Property Information
LOT 16 SEWALL'S MEADOW (PB 14 PG 32)

Owner Information
Owner Information
BAUM, MICHAEL J & PATRICIA M

Mail Information
105 ABBIE CT
STUART FL 34996

Assessment Info
Front Ft. 0.00

Market Land Value $252,000
Market Impr Value $569,650
Market Total Value $821,650

Recent Sale
Sale Amount $149,000

Sale Date 3/23/2001
Book/Page 1540 1005

CAPTEC Engineering, Inc.
300 S.W. St. Lucie Avenue, Stuart, FL 34994
772.692.4344 * Fax: 772.692.4341 -
captec1@aol.com

CAPTEC Engineering, Inc.
Civil Engineering Professionals

Invoice

Tuesday, May 09, 2006

Invoice Number: ***9116***

To: Mr. & Mrs. Michael Baum

105 Abbie Court
Sewall's Point, FL 34996

Project: 932.4 Permit Application Review: 105 Abbie Court generator concrete slab

Professional Services for the Period: 4/30/2006 to 5/9/2006

Task 2: Permit Application Review

Professional Services

Task 2: Permit Application Review	*Bill Hours*	*Charge*
Office Manager	0.25	16.25
Project Coordinator	0.50	27.50
P.E. / Project Manager	0.75	71.25
P.E. / Project Manager	0.75	71.25
Task 2: Permit Application Review Total:	2.25	$186.25
Professional Services Totals:		***$186.25***

****** Total Project Invoice Amount: $ 186.25***

Aged Receivables: Please note - All project work will stop if receivables reach 60 days.

Current	*+30 Days*	*+60 Days*	*+90 Days*	*120 Days +*
$186.25	*$0.00*	*$0.00*	*$0.00*	*$0.00*

Bank of America Advantage

MICHAEL J. BAUM 06-97
PATRICIA M. BAUM
105 ABBIE CT.
STUART, FL 34996-6345

4956
4-3/810 MO
1836

Date 5-12-06

Pay to the order of Captec Engineering $ 186.25

One hundred eighty six and 25/100 — Dollars

Bank of America

ACH R/T 081000032

Memo generator

Advantage Patricia M Baum

⑆081000032⑆ 3615200545401⑈4956

REGISTRATION NO. 4459 - STATE OF FLORIDA

OF ONE SHEETS

CAPTEC Engineering, Inc.
300 S.W. St. Lucie Avenue, Stuart, FL 34994
772.692.4344 * Fax: 772.692.4341 -
captec1@aol.com

CAPTEC Engineering, Inc.
Civil Engineering Professionals

Invoice

Tuesday, May 09, 2006

Invoice Number: ***9116***

To: Mr. & Mrs. Michael Baum

105 Abbie Court
Sewall's Point, FL 34996

Project: 932.4 Permit Application Review: 105 Abbie Court generator concrete slab

Professional Services for the Period: 4/30/2006 to 5/9/2006

Task 2: Permit Application Review

Professional Services

Task 2: Permit Application Review	*Bill Hours*	*Charge*
Office Manager	0.25	16.25
Project Coordinator	0.50	27.50
P.E. / Project Manager	0.75	71.25
P.E. / Project Manager	0.75	71.25
Task 2: Permit Application Review Total:	2.25	$186.25
Professional Services Totals:		***$186.25***

****** Total Project Invoice Amount : $ 186.25***

Aged Receivables: Please note - All project work will stop if receivables reach 60 days.

Current	*+30 Days*	*+60 Days*	*+90 Days*	*120 Days +*
$186.25	*$0.00*	*$0.00*	*$0.00*	*$0.00*

CAPTEC Engineering, Inc.
Civil Engineering Professionals

May 8, 2006
932..4

Mr. and Mrs. Michael Baum
105 Abbie Court
Sewall's Point, Fl 34994

RE: Building Permit Application for a concrete slab for a Generator -105 Abbie Court

Dear Mr. and Mrs. Baum:

Please be advised that a review has been performed of the materials received in our office on May 4, 2006, for the above referenced project and offer no objections.

CAPTEC Engineering, Inc. performed this review for the Town of Sewall's Point in order to confirm compliance with the applicable Codes and Regulations. Neither the Reviewer nor the Town of Sewall's Point is the Design Engineer or Architect of Record and, therefore, neither entity accepts responsibility for the accuracy or contents of the design documents and/or other data submitted by the Applicant.

Please note suggestions provided by CAPTEC Engineering, Inc. are offered in order to assist the Applicant in complying with the Town of Sewall's Point Codes and Regulations. However, the Applicant bears the burden of demonstrating that their submittal meets the applicable Town Code requirements.

If you should need further clarification or have any questions with regard to this matter, please feel free to contact me.

Sincerely,

Monica Graziani,
Project Manager

msg
P:932/932.4/1st review/050806

300 S.W. St. Lucie Avenue • Stuart, FL 34994 • 772-692-4344 • Fax: 772-692-4341 • E-mail: captec1@aol.com

ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): APR 27 06

PRODUCER
HILB ROGAL & HOBBS OF FLA. INC./SID BANACK INS.
2045 14TH AVE.
P O BOX 130
VERO BEACH FL 32961

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED
TAURUS ELECTRIC TREASURE COAST, INC.
P.O. BOX 295
JUPITER FL 33468-0295

INSURERS AFFORDING COVERAGE		NAIC #
INSURER A:	FCCI COMMERCIAL INSURANCE CO.	
INSURER B:	FCCI INSURANCE COMPANY	
INSURER C:	BRIDGEFIELD EMPLOYERS INSURANCE	
INSURER D:		
INSURER E:		

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN. THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [ ] PROJECT [ ] LOC	GL 0001545 4	MAR 1 06	MAR 1 07	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurence) MED. EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS-COMP/OP AGG	$ 1,000,000 $ 100,000 $ 5,000 $ 1,000,000 $ 2,000,000 $ 2,000,000
B		AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS	CA 0000844 4	MAR 1 06	MAR 1 07	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 500,000 $ $ $
		GARAGE LIABILITY ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
		EXCESS / UMBRELLA LIABILITY OCCUR [ ] CLAIMS MADE DEDUCTIBLE RETENTION $				EACH OCCURRENCE AGGREGATE	$ $
C		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below	0830-31441	MAR 1 06	MAR 1 07	WC STATU-TORY LIMITS [ ] OTHER E.L. EACH ACCIDENT E.L. DISEASE-EA EMPLOYEE E.L. DISEASE-POLICY LIMIT	 $ 100,000 $ 100,000 $ 500,000
		OTHER:					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/ SPECIAL PROVISIONS

FAX TO: 489-4142

CERTIFICATE HOLDER

TOWN OF SEWALL'S POINT
1 S. SEWALL'S POINT RD.
SEWALL'S POINT, FL 34996

Attention:

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, IT'S AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Robert K. Jones

2005-04126

STATE OF FLORIDA
PALM BEACH COUNTY
OCCUPATIONAL LICENSE

OC-032
CLASSIFICATION

EXPIRES: SEPTEMBER - 30- 2006

TAURUS ELECTRIC TREASURE
COAST INC
RIOUX ALAIN P

** LOCATED AT

6303 BARBARA ST
JUPITER FL 33458

CNTY $27.50

TOTAL $27.50

Is hereby licensed at above address for the period beginning on the first day of October and ending on the thirtieth day of September to engage in the business, profession or occupation of:

ELECTRICAL CONTRACTOR

THIS IS NOT A BILL - DO NOT PAY

PAID. PBC TAX COLLECTOR
$27.50 OCC 053 06955 09-09-2005

JOHN K. CLARK, CFC
TAX COLLECTOR, PALM BEACH COUNTY

THIS LICENSE VALID ONLY WHEN RECEIPTED BY TAX COLLECTOR

AC#1521808

STATE OF FLORIDA

DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

SEQ#L04080401982

DATE	BATCH NUMBER	LICENSE NBR
08/04/2004	040107639	ECA001888

The ELECTRICAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2006

RIOUX, ALAIN P
TAURUS ELECTRIC TREASURE COAST, INC.
12924 SE SUZANNE ROAD
HOBE SOUND FL 33455

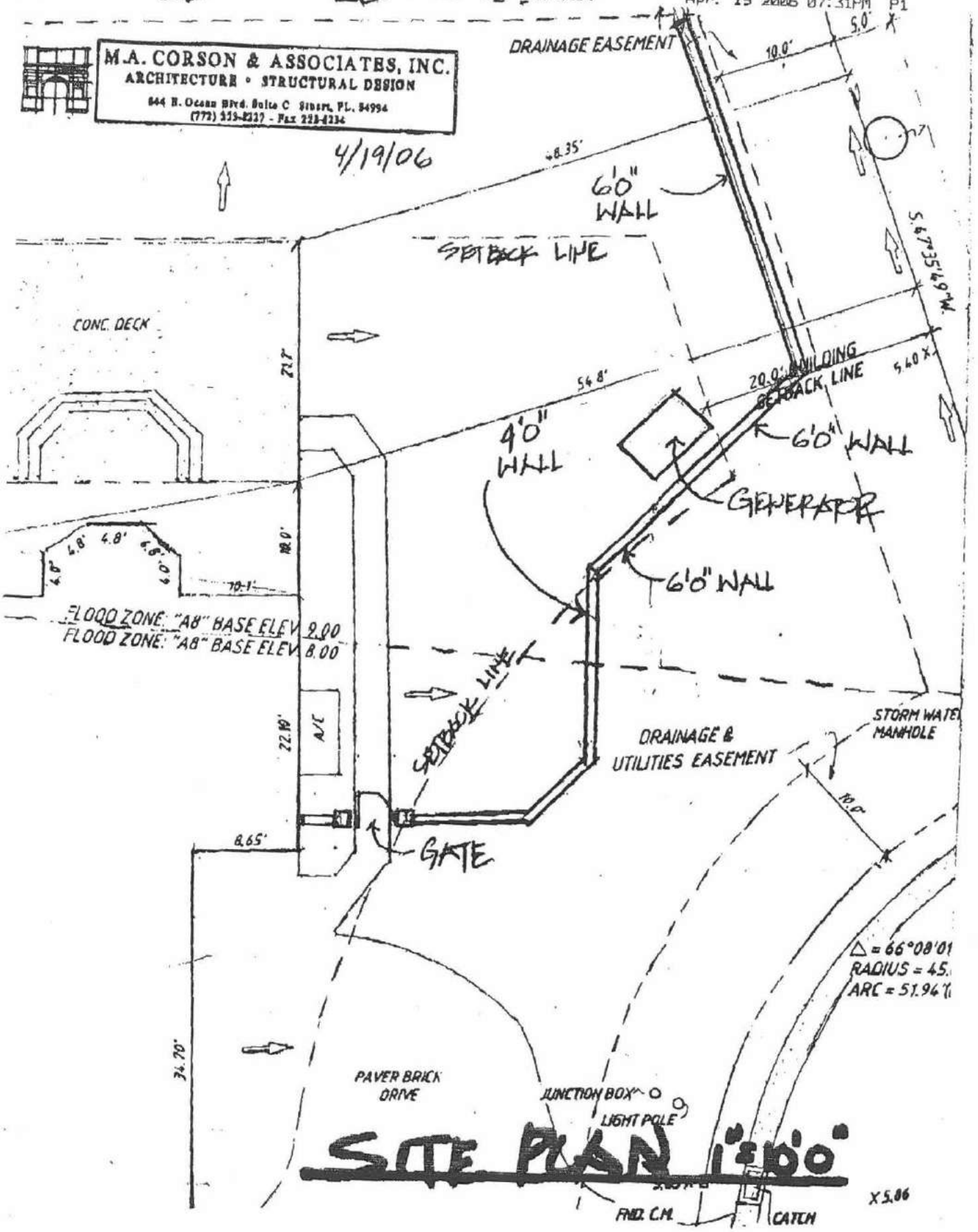
JEB BUSH
GOVERNOR

DIANE CARR
SECRETARY

DISPLAY AS REQUIRED BY LAW

M.A. CORSON & ASSOCIATES, INC.
ARCHITECTURE • STRUCTURAL DESIGN
844 E. Ocean Blvd. Suite C Stuart, FL. 34994
(772) 223-8237 - Fax 223-8234

4/19/06



SITE PLAN 1"=10'

MANUAL STANBY GENERATOR SYSTEM FOR
MICHAEL and PATRICIA BAUM
105 ABBIE CT., STUART, FL 34996

NOTES:

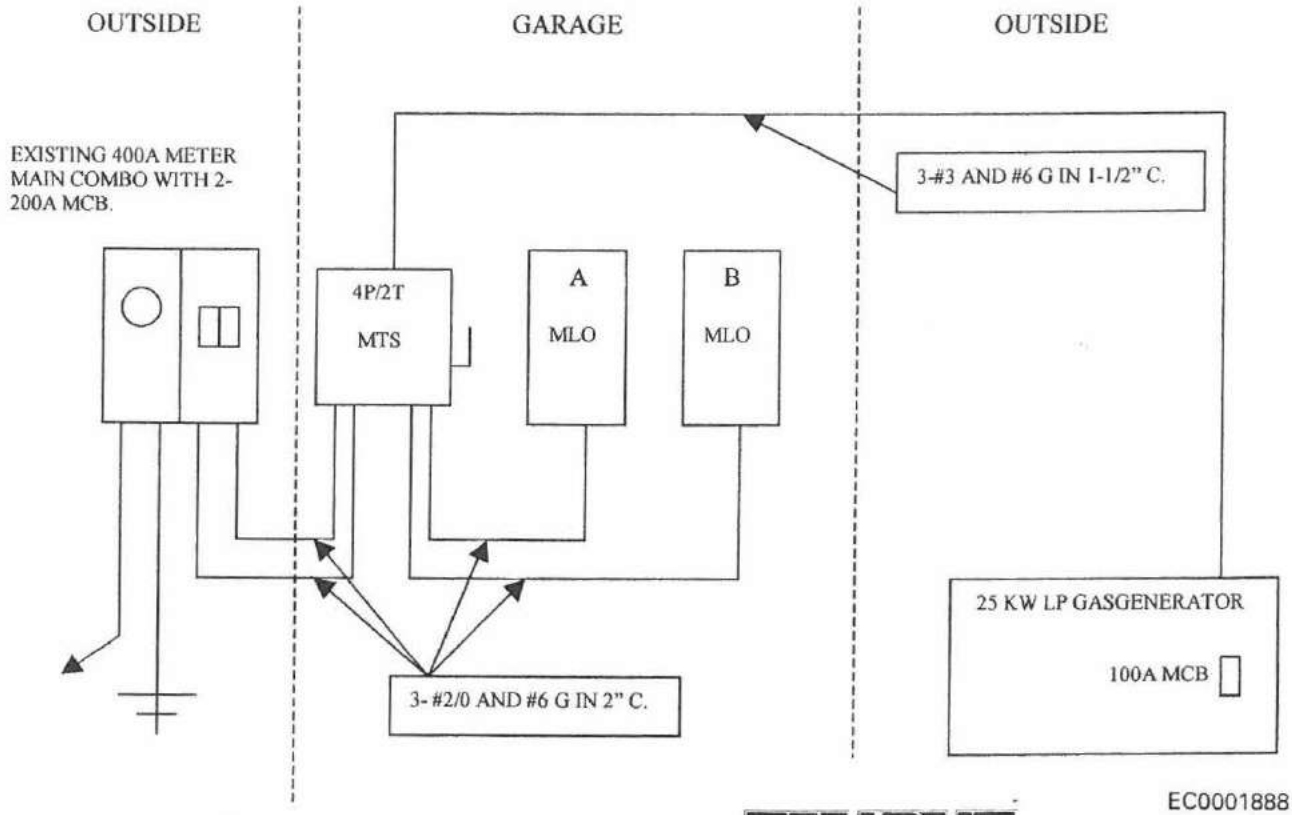
1. The existing service is 400 amps, 120/240 volt, single phase.

2. The maximum kw demand load for the previous 12 months was 18.3 kw (76.25 amps) according to FPL data.

3. The manual transfer switch ensures that the user will be available to select the loads connected to the system per NEC 702.5.

4. LP gas tank and fuel line will be installed under separate permit.

RISER DIAGRAM



EC0001888

TAURUS
ELECTRIC TREASURE COAST, INC.

ALAIN RIOUX
President
Cell: 561-719-2808

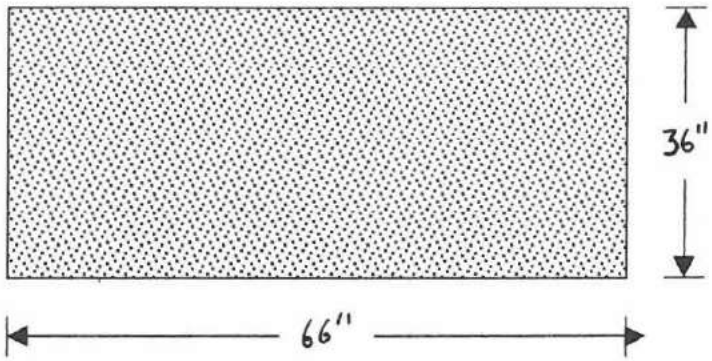
PALM BEACH 561-744-9260 | MARTIN 772-545-3338 | FAX 561-744-9262
P.O. Box 205 • Jupiter, FL 33468-0295

STANDBY GENERATOR INSTALLATION
FOR THE BAUM RESIDENCE

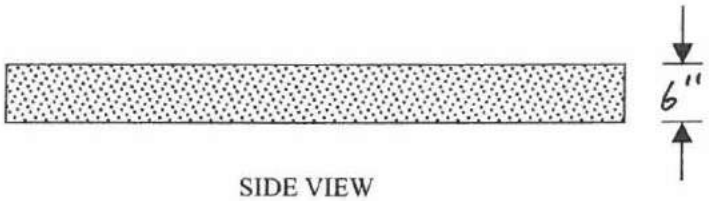
105 ABBIE CT., STUART

SLAB AND ANCHOR DETAIL

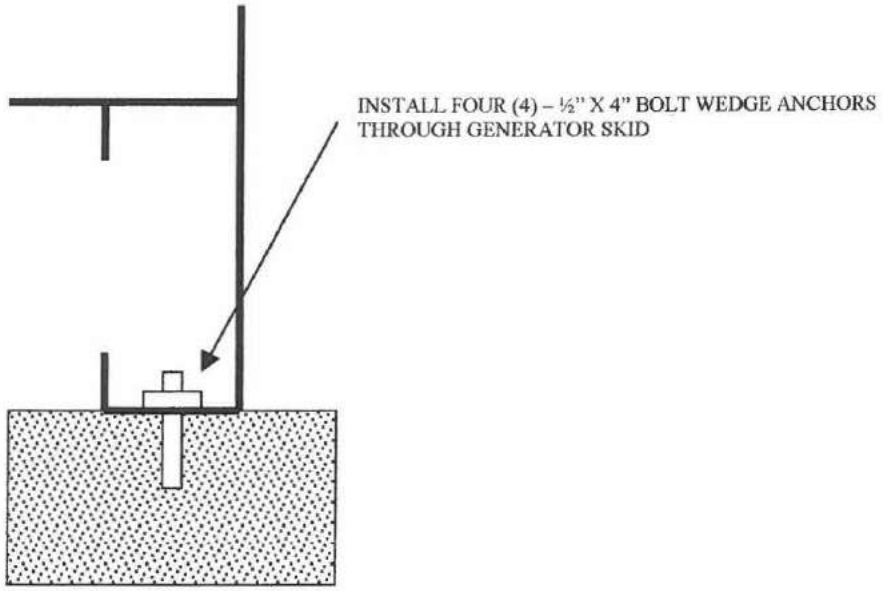
POURED CONCRETE WITH STEEL MESH REINFORCEMENT



TOP VIEW



SIDE VIEW



ANCHOR DETAIL

EC0001888

TAURUS
ELECTRIC TREASURE COAST, INC.

ALAIN RIOUX
President
Cell: 561-719-2808

PALM BEACH 561-744-9260 | MARTIN 772-545-3338 | FAX 561-744-9262
P.O. Box 295 • Jupiter, FL 33468-0295

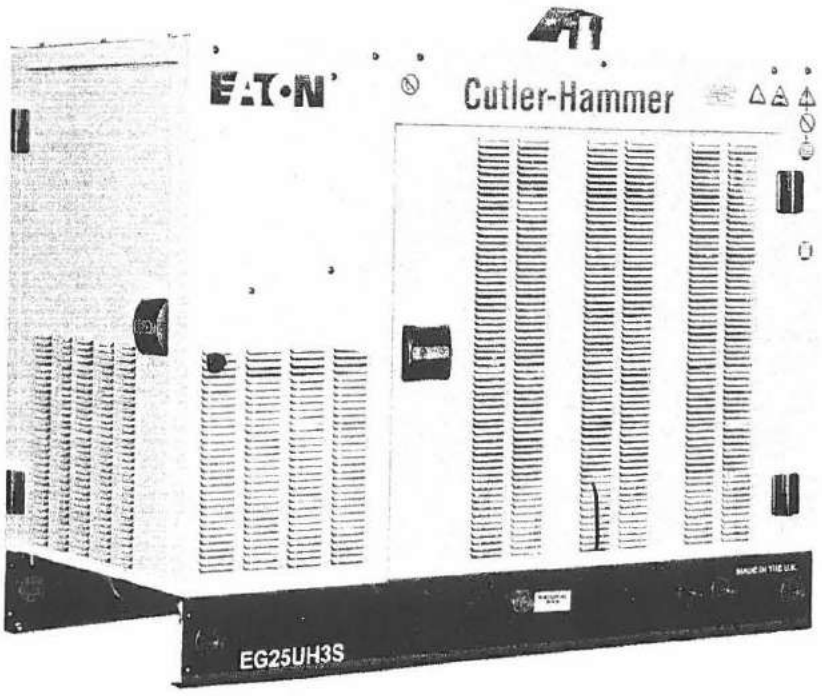
EATON | Cutler-Hammer

Proof #4 — Zoltun — September 8, 2004

LP & Natural Gas Generator Sets
Standby 17.5 – 25 kW, 60 Hz

Technical Data

New Information



Product Description

LP and Natural Gas Generator Sets from Eaton's electrical business are rated Standby 17.5 – 25 kW at 60 Hz.

Features, Functions and Benefits

Generator Set

- Complete system designed and built at ISO® 9001 certified facilities.
- Factory tested to design specifications at full load conditions.

Engine

- Governor, Woodward electronic.
- Electrical system, 12 Vdc.
- Cartridge type filters.
- Natural gas fuel system, LP gas options available.
- Gas shutoff valve, solenoid operated.
- Gas pressure regulator.
- Low oil pressure shutdown.
- Lube oil sump heater, 110/120 volts.
- Battery trickle charger.

Generator

- Insulation system, class H.
- Drip-proof generator air intake (NEMA® Type 2, IP23).
- Electrical design in accordance with BS5000 Part 99, IEC 60034-1, EN61000-6, NEMA MG-1.33, UTE51100.
- Anti-condensation heater.

Automatic Voltage Regulator

- Voltage within ± 0.5% 3-phase and ± 1.0% single-phase at steady state from no load to full load.
- Provides fast recovery from transient load changes.

Cooling System

- Radiator and cooling fan complete with protective guards.
- Standard ambient temperatures up to 110°F (43°C).
- High coolant temperature shutdown.
- Low coolant level shutdown.
- Low coolant temperature alarm.
- Coolant heater, 110/120 volts.

Mounting Arrangement

- Heavy-duty fabricated steel base with lifting points.
- Anti-vibration pads to ensure vibration isolation.
- Coolant and lube oil drains piped to edge of base.
- Complete OSHA guarding.
- Stub-up pipe ready for connection to silencer pipework.
- Fuel line terminated at base with NPT connections.
- Seismic vibration isolators (Zone 4).

Circuit Breaker

- 2-pole with solid neutral, UL®/CSA® listed.
- NEMA Type 1 steel enclosure, vibration isolated.
- Electrical stub-up area directly below circuit breaker.

Control System

- Autostart control panel.
- Vibration isolated NEMA Type 1 enclosure with hinged access door.
- Automatic start with three attempts, and Automatic Crank Disconnect with adjustable Start and Stop timers and Fail to Start indication.
- Configurable pre-heat and energize to stop functions.
- Low oil pressure and high engine temperature shutdown.
- Overspeed and underspeed (frequency) protection.
- Charge fail alarm.
- Two fully configurable auxiliary inputs.

Enclosure

- Weatherproof enclosure (includes internal silencer system).
- Large cable entry area for installation ease.
- Lockable access doors allow full 180° opening rotation and are removable with 45° opening in confined locations.
- Hinged radiator fill cover.
- Roof outlet exhaust with sealed roof aperture and rain cap.
- Stub-up cover sheets for "rodent proofing."

Equipment Finish

- All electroplated hardware.
- Anticorrosive protection prior to painting.
- High gloss polyurethane paint for durability and scuff resistance.

Quality Standards

- UL 2200, BS4999, BS5000, BS5514, IEC60034, EN61000-6, NEMA MG1-33, ISO8528.

Documentation

- Operation and maintenance manuals provided.
- Wiring diagrams included.
- UL/CSA certification.

Warranty

- All equipment carries full manufacturer's warranty. Extended warranty terms available.
- One year from date of startup, 18 months from date of shipment.

Optional Equipment

Some options may not be available on all models. Not all options are listed.

Silencer System Kit

- Residential exhaust silencer (field installable).

Engine

- Battery heater.

Fuel System

- LP gas (vapor).
- LP gas (liquid).

Miscellaneous Accessories

- Additional operator's manual pack.

Extended Warranty

- 24 months:
  - CHGENW2417K (17 kW)
  - CHGENW2425K (25 kW)
- 36 months:
  - CHGENW3617K (17 kW)
  - CHGENW3625K (25 kW)

Note: See warranty policy for details of coverage.

Generator Set Dimensions and Weights

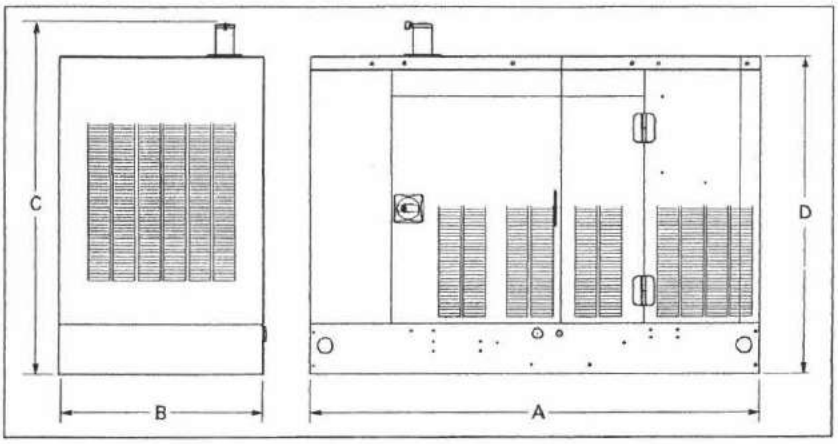


Figure 1. Generator Set Dimensions — see Table 1

Table 1. Generator Set Dimensions in Inches (mm)

A	B	C	D	Weight Lbs. (kg) ①	Catalog Number
53.10 (1348.7)	28.00 (711.2)	46.90 (1191.3)	42.50 (1079.5)	950 (432)	CHGEN17500I
53.10 (1348.7)	28.00 (711.2)	46.90 (1191.3)	42.50 (1079.5)	994 (452)	CHGEN25000I

① Includes oil and coolant.

Note: General configuration not to be used for installation. See specific dimensional drawings for detail.

Table 2. Concrete Pad Dimensions in Inches (mm)

Length	Width	Depth	Catalog Number
59.10 (1501.1)	34.00 (863.6)	7.00 (177.8)	CHGEN17500I
59.10 (1501.1)	34.00 (863.6)	7.00 (177.8)	CHGEN25000I

Product Specifications

Table 3. Generator Specifications

Specification	Description
Voltage Regulation	±1.0% single-phase at steady state from no load to full load
Frequency	±0.25% for constant load, no load to full load
Waveform Distortion	THD less than 4%
Radio Interference	EN61000-6
Telephone Influence Factor	TIF <50, per NEMA MG 1-32.11
Telephone Harmonic Factor	THF <2%
Stator Winding	2/3 Pitch
Type	Brushless, self-excited, self-regulated, drip-proof, 2-pole, sealed bearings, direct coupled by flexible disk
Insulation	Class H per NEMA MG1-1.66
Temperature Rise	Within Class H limits
Overspeed Capability	125%
Available Voltages	Single-Phase — 240/120, 220/110
Deration	Please consult factory for available outputs
Ratings	At 77°F (25°C), 500 ft. (152.4 m), 60% humidity, 1.0 pf (single-phase)

Table 4. Engine Specifications

Specification	Description
Manufacturer Model Type	HM Ltd. 4ZB1 Isuzu 4-Cycle
Aspiration Cylinder Configuration Displacement — cu in (L)	Natural In-line 4 111 (1.82)
Bore — Inches (mm) Stroke — Inches (mm) Compression Ratio	3.30 (84.0) 3.23 (82.0) 8.5:1
Governor Type Class	 Electronic A1
Piston Speed — ft/sec (m/sec) Air Cleaner Type	32.2 (9.84) Dry, light duty, disposable
LP Gas: Engine Speed — rpm Maximum Power at Rated rpm — hp (kW) Standby BMEP — psi (kPa) Standby	 3600 48 (35.9) 96 (658)
Natural Gas: Engine Speed — rpm Maximum Power at Rated rpm — hp (kW) Standby BMEP — psi (kPa) Standby	 3600 43.7 (32.6) 87.0 (600)

Table 5. Control Panel Specifications

Specification/Description
NEMA 1 steel enclosure with hinged access door.
Vibration isolated mounted Autostart control panel.
Single location customer connector point.
Electrical stub-up area directly below control panel.

Rating Definitions

Standby — Applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The generator is peak rated (as defined in ISO8528-3).

Consult your Eaton representative for more information.

Technical Data

Table 6. Standby Generator Sets CHGEN17500I and CHGEN25000I (Single-Phase) — 3600 rpm/60 Hz

Description	Units	CHGEN17500I		CHGEN25000I	
		LP Gas	Natural Gas	LP Gas	Natural Gas
Power Rating					
At 240 Volts	kW (kVA)	17.5 (17.5)	17.5 (17.5)	25.0 (25.0)	25.0 (25.0)
Lubricating System					
Type: Full Pressure					
Oil Filter: Spin-On, Full Flow					
Oil Type Required: API CF-4					
Total Oil Capacity	U.S. gal. (L)	1.2 (4.5)	1.2 (4.5)	1.2 (4.5)	1.2 (4.5)
Oil Pan	U.S. gal. (L)	1.1 (4.0)	1.1 (4.0)	1.1 (4.0)	1.1 (4.0)
Fuel System — Generator Set Fuel Consumption					
100% Load	Cfh (m^3/hr)	118.0 (3.3)	326.0 (9.2)	162.0 (4.6)	447.0 (12.7)
75% Load	Cfh (m^3/hr)	92.0 (2.6)	255.0 (7.2)	125.0 (3.6)	347.0 (9.8)
50% Load	Cfh (m^3/hr)	66.0 (1.9)	184.0 (5.2)	89.0 (2.5)	245.0 (6.9)
Engine Electrical System					
Ignition System: Electronic, Distributorless					
Voltage/Ground: 12/Negative					
Battery Charging Generator Ampere Rating	Amperes	45	45	45	45
Cooling System					
Water Pump Type: Centrifugal					
Radiator System Capacity Incl. Engine	U.S. gal. (L)	1.6 (6.1)	1.6 (6.1)	1.6 (6.1)	1.6 (6.1)
Maximum Coolant Static Head	Ft H_2O (m H_2O)	31.5 (9.6)	31.5 (9.6)	31.5 (9.6)	31.5 (9.6)
Coolant Flow Rate	U.S. gal./min. (L/min.)	23.8 (90)	23.8 (90)	23.8 (90)	23.8 (90)
Minimum Temperature to Engine	°F (°C)	169.0 (76)	169.0 (76)	169.0 (76)	169.0 (76)
Temperature Rise Across Engine	°F (°C)	7.2 (4)	7.2 (4)	8.1 (4.5)	8.1 (4.5)
Heat Rejected to Coolant at Rated Power	Btu/min. (kW)	1565.0 (27.5)	1565.0 (27.5)	2153.0 (37.9)	2153.0 (37.9)
Total Heat Radiated to Room at Rated Power	Btu/min. (kW)	788.0 (13.9)	788.0 (13.9)	1085.0 (19.1)	1085.0 (19.1)
Radiator Fan Load	hp (kW)	3.8 (2.8)	3.8 (2.8)	3.8 (2.8)	3.8 (2.8)
Air Requirements					
Combustion Air Flow	Cfm (m^3/min.)	77.8 (2.2)	73.7 (2.1)	113.0 (3.2)	106.0 (3.0)
Maximum Air Cleaner Restriction	In H_2O (kPa)	5.9 (1.5)	5.9 (1.5)	5.9 (1.5)	5.9 (1.5)
Radiator Cooling Air (Zero Restriction)	Cfm (m^3/min.)	4386.0 (124.2)	4386.0 (124.2)	4386.0 (124.2)	4386.0 (124.2)
Generator Cooling Air	Cfm (m^3/min.)	551.0 (15.6)	551.0 (15.6)	551.0 (15.6)	551.0 (15.6)
Allowable Air Flow Restriction (After Radiator)	In H_2O (kPa)	1.0 (0.247)	1.0 (0.247)	1.0 (0.247)	1.0 (0.247)
Cooling Air Flow (at Rated Speed) Rate with Restriction	Cfm (m^3/min.)	4237.0 (120)	4237.0 (120)	4237.0 (120)	4237.0 (120)
Exhaust System					
Maximum Allowable Backpressure	In Hg (kPa)	5.1 (17.3)	5.1 (17.3)	5.1 (17.3)	5.1 (17.3)
Exhaust Flow at Rated kW	Cfm (m^3/min.)	367.0 (7.0)	367.0 (7.0)	367.0 (10.4)	370.0 (10.5)
Exhaust Temperature at Rated kW — Dry Exhaust	°F (°C)	1171.0 (633)	1180.0 (638)	1234.0 (668)	1247.0 (675)
Generator Set Noise Rating ①					
(Without Attenuation) at 3 ft. (1 m)	dB(A)	100	100	100	100

① dB(A) levels are for guidance only.

Table 7. Generators CHGEN17500I and CHGEN25000I (Single-Phase)

Description		120/240 Volts	
		CHGEN17500I	CHGEN25000I
Motor Starting Capability (kVA):	Self Excited	22	35
Full Load Efficiencies:	Standby	82.6	85.6
Reactances ② (per unit):	X_d	3.35	3.33
	X'_d	0.22	0.17
	X''_d	0.109	0.083
	X_q	1.68	1.67
	X''_q	0.157	0.130
Time Constants:		t'_d = 40 ms t''_d = 5 ms	t'_d = 40 ms t''_d = 5 ms

② Reactances shown are applicable to the LPG standby rating.

Computer Friendly

Listed

Eaton Electrical Inc.
1000 Cherrington Parkway
Moon Township, PA 15108-4312
United States
tel: 1-800-525-2000
www.EatonElectrical.com

EATON | Cutler-Hammer

Printed in USA
Publication No. TD00407004E / Z2771
September 2004

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☐ Mon ☒ Wed ☐ Fri 9-13, 2006

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
8133	Slater	Final-gen+Pad	FAIL	
8	4 NE Lagoon Isl.			
	O/B			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
8080	Slater	Final	PASS	CLOSE
8	4 NE Lagoon Isl			
	Propane-Disc			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
7819	Tidikis	Tiebeams+	FAIL	
	12 Cranes Nest	Slab		
10	Advanced Concepts	(Late please)		INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0021		FINAL ~~GENERATOR FENCE~~	PASS	CLOSE
2	105 ABBIE CT.			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0084		ROOF FINAL	PASS	CLOSE
7	110 HILLCREST			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0033		FTG/SLAB	CANCEL	RESCHEDULE
9	27 NORTH RIVER			PRI FIRST
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0109		GAS ROUGH	PASS	
4	18 N. RIDGEVIEW			
				INSPECTOR:

OTHER:

REPORT: bldg03

MARTIN COUNTY REPORTS
FINALED BUILDING PERMITS WITHOUT A CERTIFICATE OF OCCUPANCY
Permits with Inspections of '6098' or '6099' or '8099' and Result of 'PASS'
Completed between: 01-MAY-2005 and 29-NOV-2006

RUN DATE:29-NOV-2006
RUN TIME:

SP01	20060021	OPEN	10-MAY-2006		13-SEP-2006	133841013	SEWALL'S MEADOW	
Conditions of Approval								Outstanding Fees
PGENINFO	INFORMATIONAL COMMENTS - GENERATORS							
SP01	20060022	DONE	30-MAY-2006	18-JUL-2006	17-JUL-2006	013841007	LUCINDIA	
Conditions of Approval								Outstanding Fees
SP01	20060023	DONE	30-MAY-2006	31-JUL-2006	28-JUL-2006	353741007	TWIN RIVERS	
Conditions of Approval								Outstanding Fees
SP01	20060024	DONE	30-MAY-2006	29-NOV-2006	09-OCT-2006	133841001	ARCHIPELAGO	
Conditions of Approval								Outstanding Fees
SP01	20060031	DONE	02-JUN-2006	20-JUL-2006	13-JUL-2006	353741004	PERRIWINKLE	
Conditions of Approval								Outstanding Fees
SP01	20060034	DONE	02-JUN-2006	24-JUL-2006	21-JUL-2006	353741000		
Conditions of Approval								Outstanding Fees
SP01	20060034	DONE	02-JUN-2006	24-JUL-2006	02-AUG-2006	353741000		
Conditions of Approval								Outstanding Fees
SP01	20060035	DONE	31-MAY-2006	24-JUL-2006	19-JUL-2006	353741006	RACEY'S	
Conditions of Approval								Outstanding Fees
SP01	20060036	DONE	02-JUN-2006	29-NOV-2006	17-NOV-2006	353741000		
Conditions of Approval								Outstanding Fees
SP01	20060037	DONE	02-JUN-2006	24-JUL-2006	03-JUL-2006	353741002	INDIALUCIE	
Conditions of Approval								Outstanding Fees
SP01	20060039	DONE	02-JUN-2006	31-JUL-2006	28-JUL-2006	123841002	RIO VISTA	
Conditions of Approval								Outstanding Fees
SP01	20060040	DONE	02-JUN-2006	29-NOV-2006	29-SEP-2006	133841001	ARCHIPELAGO	
Conditions of Approval								Outstanding Fees
SP01	20060041	DONE	02-JUN-2006	29-NOV-2006	28-JUL-2006	263741013	PLANTATION AT SEWALL'S POINT	
Conditions of Approval								Outstanding Fees

8288
CONCRETE WALL

Martin County #SP01-
MASTER PERMIT NO 20060051

TOWN OF SEWALL'S POINT

Date 6-23-06 — BUILDING PERMIT NO. Receipt 8288

Building to be erected for Baum — Type of Permit Concrete Wall

Applied for by O/B (Contractor) — Building Fee 9.65/19.9 = 191.05

Subdivision Sewall's Meadows Lot 16 Block ____ — Radon Fee ____

Address 105 Abbie Ct — Impact Fee ____

Type of structure SFR — A/C Fee ____

Electrical Fee ____

Parcel Control Number: — Plumbing Fee ____

133841-013-000-00160-00000 — Roofing Fee ____

Amount Paid $238.80 Check # 5006 Cash ____ — Other Fees (25% O/B) 47.75

Total Construction Cost $ 19900 — TOTAL Fees 238.80

Signed Patricia Baum — Signed Valerie Meyer

Applicant — Town Building ~~Official~~ Dept Clerk

MARTIN COUNTY
BUILDING PERMIT

CARD MUST BE POSTED IN A CONSPICUOUS PLACE ON THE FRONT OF THE PREMISES WITHIN VIEW OF THE STREET BEFORE WORK IS STARTED.

Permit Number:	SP01 - 20060051
Permit Type:	SEWALLS POINT
Date Issued:	22-JUN-2006
Project:	
Scope of Work:	Construction of concrete block stucco privacy wall/fence

Applicant/Contact:	BAUM, MICHAEL J & PATRICIA M /
Parcel Control Number:	13-38-41-013-000-0016.0-00000
Subdivision:	SEWALL'S MEADOW
Construction Address:	105 ABBIE CT
Location Description:	
Owner Name:	BAUM, MICHAEL J & PATRICIA M
Prime Contractor:	OWNER CONTACT OWNER
	, License No.:

In consideration of the granting of this permit, it is agreed that in all respects the work will be performed and completed in accordance with the permitted plans and the applicable codes for Martin County, Florida. This permit may be revoked at any time upon the violation of any of the provisions of said laws, ordinances or rules and regulations or upon any change in the plans and specifications unauthorized by this department. Permit expires one hundred eighty (180) days from the date of issuance if work is not started or if work is suspended for a period of six months. Per FBC Section 3305, sanitary facilities shall be provided during construction, remodeling, or demolition activities.

"NOTICE: IN ACCORDANCE TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THE COUNTY AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES."

"WARNING TO OWNER; YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."
A CERTIFIED COPY OF RECORDED NOTICE OF COMMENCEMENT MUST BE SUBMITTED TO THE ISSUING AUTHORITY PRIOR TO THE FIRST INSPECTION.

ALL REINSPECTIONS OR ADDITIONAL INSPECTIONS WILL BE CHARGED AT A RATE ESTABLISHED BY THE BOARD OF COUNTY COMMISSION. **NOTICE:** DO NOT ORDER CONCRETE UNTIL INSPECTION IS APPROVED.

UPON COMPLETION OF WORK, A FINAL INSPECTION MUST BE CALLED FOR BY THE CONTRACTOR. FAILURE TO DO SO WILL RESULT IN A DENIAL OF FUTURE BUILDING PERMITS TO THE CONTRACTOR.

INSPECTIONS

Phone 221-2364 (interactive voice) or 288-5489 for inspections. 24 hour notice is required.
The inspections listed below may not represent all necessary required inspections for the scope of work.

6099 Residential Final _____

MARTIN COUNTY
BUILDING PERMIT CONDITIONS

Conditions

RECEIVED 6-9-06

Town of Sewall's Point
BUILDING PERMIT APPLICATION

Date: 6/9/2006 Permit Number: _____

OWNER/TITLEHOLDER NAME: Baum, Michael J. & Patricia M Phone (Day) 772-220-1936 (Fax) 772-219-3448

Job Site Address: 105 Abbie Court City: Sewalls Point State: FL Zip: 34996

Legal Desc. Property (Subd/Lot/Block) Lot 16 Sewall's Meadow (PB 14 PG 32) Parcel Number: 133841-013-000016-0-00000

Owner Address (if different): _____ City: _____ State: _____ Zip: _____

Description of Work To Be Done: Construction of Concrete block/stucco privacy wall/fence

---

WILL OWNER BE THE CONTRACTOR?:

(YES) NO

(If no, fill out the Contractor & Subcontractor sections below)

(If yes, Owner Builder Affidavit must accompany application)

COST AND VALUES:

Estimated Cost of Construction or Improvements: $ 19,900.00

(Notice of Commencement needed over $2500)

Estimated Fair Market Value prior to improvement: $ 821,640.00

Is improvement cost 50% or more of Fair Market Value? YES (NO)

Method of Determining Fair Market Value: 2005 Property Tax Bill

---

CONTRACTOR/Company: _____ Phone: _____ Fax: _____

Street: _____ City: _____ State: _____ Zip: _____

State Registration Number: _____ State Certification Number: _____ Martin County License Number: _____

SUBCONTRACTOR INFORMATION:

Electrical: Masonry / George Krip / Mark IV Masonry State: FL License Number: Martin Cty SPO1658

Mechanical: _____ State: _____ License Number: _____

Plumbing: _____ State: _____ License Number: _____

Roofing: _____ State: _____ License Number: _____

ARCHITECT M. A. Corson & Associates Lic.#: AR 91665 Phone Number: 772-223-8227

Street: 844 East Ocean Blvd, Suite C City: Stuart State: FL Zip: 34996

ENGINEER _____ Lic# _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE – SEWER – ELECTRIC Living: _____ Garage: _____ Covered Patios: _____ Screened Porch: _____

Carport: _____ Total Under Roof _____ Wood Deck: _____ Accessory Building: _____

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION: Florida Building Code (Structural, Mechanical, Plumbing, Gas): 2004
National Electrical Code: 2002 Florida Energy Code: 2004 Florida Accessibility Code: 2004 Florida Fire Code 2004

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (required)

Patricia M. Baum

State of Florida, County of: Martin

This the 9th day of June, 2006

by PATRICIA M BAUM who is personally known to me or produced FL DL as identification. B500 693 63 6620

Notary Public

My Commission Expires: Rawantie Bishundat

RAWANTIE BISHUNDAT
Notary Public, State of Florida
Commission# DD526440
My comm. expires Mar. 07, 2010

Seal

CONTRACTOR SIGNATURE (required)

_____

On State of Florida, County of: _____

This the _____ day of _____ 200____

by _____ who is personally known to me or produced _____

As identification. _____

Notary Public

My Commission Expires: _____

Seal

PERMIT APPLICATIONS VALID 30 DAYS FROM APPROVAL NOTIFICATION – PLEASE PICK UP YOUR PERMIT PROMPTLY!

FENCE (Revised 12/28/05)

PERMIT APPLICATION REQUIRED INFORMATION AND SUBMITALS FOR A FENCE

IMPORTANT NOTICE: All items listed below must accompany your permit application. ***No*** application will be accepted unless all items that are applicable are submitted.

Application form must contain the following information:

1. ✓ Property appraiser's parcel number or property control number
2. ✓ Legal description of property (can be found on your deed, survey or tax bill)
3. N/A Contractors name, address, phone, fax and license numbers. N/A
4. ✓ Name all sub-contractors (properly licensed) Masonry only
5. ✓ Architect's or engineer's name, address, & phone number (if masonry wall)
6. ✓ Scope of work
7. ✓ Estimated cost of construction.
8. ✓ Original signature of owner, notarized
9. N/A Original signature of contractor, notarized

Submittals (2 copies)

1. ✓ Current survey or site plan containing the following information:
   a. Location of existing and proposed fence or wall
   b. Height of existing and proposed fence, gates, wall, etc.
2. ✓ Statement of Fact (owner/builder affidavit) ✓
3. ✓ Proof of ownership (deed or tax recpt.) ✓
4. N/A Application for tree removal or relocation (attach tree survey and removal or relocation plan if required)
5. ✓ A certified copy of the Notice of Commencement for any work over $2500.00
6. Copy of License (either Martin County Certificate of Competency or state certified or registered contractor license)
7. Copy of certificate of workmen's compensation insurance or exemption
8. Copy of certificate of liability insurance

If the fence is going to be a masonry wall then the following documents are required.

The following documents must be signed and sealed by a registered architect or engineer. (2 copies) Note: All plans must be certified for compliance with 2004 FBC with amendments.

✓ **1. Elevation Plan containing the following information:**
   a. Front elevations
   b. All heights from natural grade
   c. Wall finishes

d. Vertical features and horizontal projections

2. Foundation Plan containing the following information:

a. All footings and pad locations
b. Dimensions of all footing and pads
c. Step downs
d. Footing and pad call outs for size (width and depth), steel (size, lap and placement)
e. Column layout

3. Section/Detail Drawings and Schedules showing the following information:

a. Wall section drawings showing footer, wall, and beam with steel callouts and spacing

ALL INFORMATION AND DOCUMENTS MENTIONED ABOVE ARE INCLUDED IN THE MY PERMIT APPLICATION PACKAGE

Michael J. Baum

M J Baum Patricia Baum Patricia M Baum

(SIGNATURE OF APPLICANT)

DATE SUBMITTED: 6-9-06

TOWN OF SEWALL'S POINT

ONE SOUTH SEWALL'S POINT ROAD
SEWALL'S POINT, FLORIDA 34996

TOWN OF SEWALL'S POINT OWNER/BUILDER AFFIDAVIT

(To be submitted if permit is to be pulled by Owner/Builder)

DISCLOSURE STATEMENT

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor even through you do not have a license. You must supervise the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building at a cost of $25,000 or less. The building must be for your own use and occupancy. It may not be built for sale or lease. If you sell or lease a building you have built yourself within 1 year after the construction is complete, the law will presume that you built it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. It is your responsibility to make sure that people employed by you have licenses required by State law and by County or Municipal licensing ordinances. Any person working on your building who is not licensed must work under your supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes and zoning regulations. Florida Statues 489.103(7).

I have read the above and agree to comply with the provisions as stated.

Name: Michael J. Baum/Patricia M. Baum **Date:** 6-9-06

Signature: M J Baum Patricia M Baum

Address: 105 Abbie Court

City & State: Sewalls Point, FL 34996

Permit No. _____

TO BE COMPLETED WHEN CONSTRUCTION VALUE EXCEEDS $2500.00

PERMIT #_____ TAX FOLIO #_____

NOTICE OF COMMENCEMENT

STATE OF Florida COUNTY OF MARTIN

THE UNDERSIGNED HEREBY GIVES NOTICE THAT IMPROVEMENT WILL BE MADE TO CERTAIN REAL PROPERTY, AND IN ACCORDANCE WITH CHAPTER 713, FLORIDA STATUTES, THE FOLLOWING INFORMATION IS PROVIDED IN THIS NOTICE OF COMMENCEMENT.

LEGAL DESCRIPTION OF PROPERTY(INCLUDE STREET ADDRESS IF AVAILABLE):
Lot 16 Sewall's Meadow (PB 14 PG 32) 105 Abbie court, Sewalls Point, FL 34996

GENERAL DESCRIPTION OF IMPROVEMENT: Construction of concrete block/stucco Privacy wall / Fence

OWNER: Michael J & Patricia M. Baum

ADDRESS: 105 Abbie Court, Stuart, FL 34996

PHONE #: 772-220-1936 FAX #: 772-219-3447

CONTRACTOR:_____

ADDRESS:_____

PHONE #:_____ FAX #:_____

SURETY COMPANY(IF ANY)_____

ADDRESS:_____

PHONE #_____ FAX #:_____

BOND AMOUNT:_____

LENDER:_____

ADDRESS:_____

PHONE #:_____ FAX #:_____

STATE OF FLORIDA
MARTIN COUNTY
THIS IS TO CERTIFY THAT THE FOREGOING 1 PAGES IS A TRUE AND CORRECT COPY OF THE ORIGINAL
MARSHA EWING, CLERK
BY Jan Hyer D.C.
DATE 6/9/06
CIRCUIT COURT MARTIN COUNTY, FLORIDA

PERSONS WITHIN THE STATE OF FLORIDA DESIGNATED BY OWNER UPON WHOM NOTICES OR OTHER DOCUMENTS MAY BE SERVED AS PROVIDED BY SECTION 713.13(1XA)7., FLORIDA STATUTES:

NAME:_____

ADDRESS:_____

PHONE #:_____ FAX #:_____

IN ADDITION TO HIMSELF, OWNER DESIGNATES _____ OF_____ TO RECEIVE A COPY OF THE LIENOR'S NOTICE AS PROVIDED IN SECTION 713.13(1)(B), FLORIDA STATUTES.
PHONE #:_____ FAX #:_____

EXPIRATION DATE OF NOTICE OF COMMENCEMENT:_____
THE EXPIRATION DATE IS ONE (1) YEAR FROM THE DATE OF RECORDING UNLESS A DIFFERENT DATE IS SPECIFIED ABOVE.

Patricia M Baum
SIGNATURE OF OWNER

SWORN TO AND SUBSCRIBED BEFORE ME THIS 5th DAY OF June
19 06 BY PATRICIA M BAUM

PERSONALLY KNOWN_____
OR PRODUCED ID FPL
~~TYPE OF ID~~ B 643 63 667 0

Rajwantie Bishundat
NOTARY SIGNATURE

RAJWANTIE BISHUNDAT
Notary Public, State of Florida
Commission# DD526440
My comm. expires Mar. 07, 2010

/data/gmd/bld/bldg_forms/Noc.aw 12/01/99

INSTR # 1939195 OR BK 02151 PG 0523 RECD 06/09/2006 11:37:49 AM
Pg 0523: (1pg)
MARSHA EWING, MARTIN COUNTY DEPUTY CLERK S Phoenix

CAPTEC Engineering, Inc.
301 N.W. Flagler Avenue, Stuart, FL 34994
772.692.4344 * Fax: 772.692.4341 -
captec1@aol.com

file to me 6/16/06

Collect $140

Invoice

Tuesday, June 13, 2006

Invoice Number: ***9265***

To: M/M Michael Baum

105 Abbie Court
Sewall's Point, FL 34996

Project: 932.32 Town of Sewall's Point Review: CBS Wall/fence - Baum Residence - 105 Abbie Court

Professional Services for the Period: 6/9/2006 to 6/13/2006

Task 2: Permit Application Review

Professional Services

Task 2: Permit Application Review	*Bill Hours*	*Charge*
Office Manager	0.25	16.25
Project Coordinator	0.25	13.75
P.E. / Project Manager	1.00	110.00
Task 2: Permit Application Review Total:	1.50	$140.00
Professional Services Totals:		***$140.00***

****** Total Project Invoice Amount: $ 140.00***

Aged Receivables: Please note - All project work will stop if receivables reach 60 days.

Current	*+30 Days*	*+60 Days*	*+90 Days*	*120 Days +*
$140.00	*$0.00*	*$0.00*	*$0.00*	*$0.00*

CAPTEC Engineering, Inc.
301 N.W. Flagler Avenue, Stuart, FL 34994
772.692.4344 * Fax: 772.692.4341 -
captec1@aol.com

CAPTEC Engineering, Inc.
Civil Engineering Professionals

Invoice

Tuesday, June 13, 2006

Invoice Number: *9265*

To: M/M Michael Baum

105 Abbie Court
Sewall's Point, FL 34996

Project: 932.32 Town of Sewall's Point Review: CBS Wall/fence - Baum Residence - 105 Abbie Court

Professional Services for the Period: 6/9/2006 to 6/13/2006

Task 2: Permit Application Review

Professional Services

Task 2: Permit Application Review	*Bill Hours*	*Charge*
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****** Total Project Invoice Amount: $ 140.00***

Aged Receivables: Please note - All project work will stop if receivables reach 60 days.

Current	*+30 Days*	*+60 Days*	*+90 Days*	*120 Days +*
$140.00	*$0.00*	*$0.00*	*$0.00*	*$0.00*

CAPTEC
Engineering, Inc.
Civil Engineering Professionals

June 12, 2006
932.32

Mr. and Mrs. Michael Baum
105 Abbie Court
Sewall's Point, Fl 34996

RE: Building Permit Application to construct a CBS wall/fence at the Baum Residence – 105 Abbie Court

Dear Mr. and Mrs. Baum:

Please be advised that a review has been performed of the materials received in our office on June 7, 2006, for the above referenced project and offer no objections.

CAPTEC Engineering, Inc., a professional consultant, has been retained by the Town of Sewall's Point to assist the community with zoning issues relative to building permits. Any service provided by CAPTEC Engineering, Inc. will be a 'pass-thru' fee to the applicant.

CAPTEC Engineering, Inc. performed this review for the Town of Sewall's Point in order to confirm compliance with the applicable Codes and Regulations. Neither the Reviewer nor the Town of Sewall's Point is the Design Engineer or Architect of Record and, therefore, neither entity accepts responsibility for the accuracy or contents of the design documents and/or other data submitted by the Applicant.

Please note suggestions provided by CAPTEC Engineering, Inc. are offered in order to assist the Applicant in complying with the Town of Sewall's Point Codes and Regulations. However, the Applicant bears the burden of demonstrating that their submittal meets the applicable Town Code requirements. The applicant is responsible to obtain all regulatory agency permits.

If you should need further clarification or have any questions with regard to this matter, please feel free to contact me.

Sincerely;

Monica Graziani,
Project Manager

301 N.W. Flagler Avenue • Suite 101 • Stuart, FL 34994 • 772-692-4344 • Fax: 772-692-4341 • E-mail: captec1@aol.com

NOTICE OF AD VALOREM TAXES & NON-AD VALOREM ASSESSMENTS

55840

ORIGINAL FOR MARTIN COUNTY REAL ESTATE 5543326.0000

AD VALOREM TAXES

I.D. NUMBER: 13-38-41-013-000-00160.00000 2005 TAX DISTRICT:2200
ASSESSED VALUE: 821,640 EXEMPTIONS: 0 TAXABLE VALUE: 821,640

TAXING AUTHORITY				MILLAGE RATE	TAX AMOUNT
COUNTY	COUNTY-GENERAL FUND-OP	4.8950	0	821,640	4,021.93
	CNTY-GOVT BONDS 1986	.1960	0	821,640	161.04
	CNTY-BONDS LANDS FOR YOU	.1050	0	821,640	86.27
	CNTY-F.I.T. BOND	.0240	0	821,640	19.72
SCHOOL	SCHOOL - GENERAL	7.3000	0	821,640	5,997.98
CHLD SVC	CHILDRENS SERVICES ORDNCS	.3337	0	821,640	274.18
F.I.N.D.	FL-INLAND NAVIGATION DIST	.0385	0	821,640	31.63
CITY	TOWN OF SEWALLS PT	1.9410	0	821,640	1,594.80
S.F.W.M.	SOUTH FLORIDA WATER MANAG	.6970	0	821,640	572.68

EXEMPTION:NONE

TOTAL MILLAGE 15.53020 AD VALOREM TAXES 12,760.23

NON-AD VALOREM ASSESSMENTS

LEVYING AUTHORITY	PURPOSE	RATE/BASIS	AMOUNT

COMBINED TAXES & ASSESSMENTS TOTAL: 12,760.23

PROPERTY
ADDR:105 ABBIE COURT

13 38 41
LOT 16 SEWALL'S MEADOW (PB 14 PG 32)

13-38-41-013-000-00160.00000 2005
BAUM, MICHAEL J & PATRICIA M
30 BOULDER RIDGE RD
SCARSDALE NY 10583-3150

NOV 1-NOV 30	DEC 1-DEC 31	JAN 1-JAN31	FEB 1-FEB28	MAR 1-MAR 31	DELINQUENT ON
12,249.82	12,377.42	12,505.03	12,632.63	12,760.23	APRIL 1, 2006

SEE REVERSE SIDE FOR INSTRUCTIONS PLEASE DETACH AND RETURN BOTTOM PORTION WITH YOUR PAYMENT

Original Applicaton for Ad Valorem Tax Exemption

Applicant/Co-applicant Name and Address

BAUM, MICHAEL J + PATRICIA
105 ABBIE CT

STUART FL 34996-

MARTIN County, Florida Tax Year: 2006

Property ID: 13-38-41-013-000-00160-0 New

Legal Description

LOT 16 SEWALL'S MEADOW (PB 14 PG 32)

Permanent Florida Residency Required as of January 1	
$25,000 Homestead Exemption	☑
Partial Homestead Exemption	☐
$500 Widow's Exemption	☐
$500 Widower's Exemption	☐
$500 Disability Exemption	☐
$5000 Veteran's Disability Exemption	☐
$500 Blind Persons Exemption	☐
Total and Permanent Disability Exemption - Quadriplegics *(Documentation required)*	☐
Service Connected Total and Permanent Disability Exemption *(Documentation required)*	☐
Exemption for Disabled Veterans Confined to Wheelchairs *(Documentation required)*	☐
Total and Permanent Disability Exemption *(Documentation required)*	☐
Senior Exemption *(Requires completion of form DR-501SC)*	☐

Ownership Information

Percent of Ownership: 100 Type of Deed:
Recorded: Book 1540 Page: 1005
Date Recorded: 03/23/2001 Date of Deed: Mar 23 2001 1
Account #: 119120

NOTE: Disclosure of your social security number is mandatory. It is required by section 196.011 (1), Florida Statutes. The social security number will be used to verify taxpayer identity information, homestead exemption information submitted to property appraisers, and intangible tax information submitted to the Department of Revenue.

Owner Name	BAUM, MICHAEL J	BAUM, PATRICIA M
Address	105 ABBIE CT	105 ABBIE CT
	STUART, FL 34996	STUART, FL 34996
Social Security Number	270-40-9875	109-54-8804
Perm. Resident Date	6/24/2005	6/24/2005
Occupancy Date	6/24/2005	6/24/2005
Homestead Last Year	YES - New York	YES - New York
Marital Status	MARRIED	MARRIED
FL License # | Type	B500-550-45-213-0 - DL	B500-693-63-662-0 - DL
Date of Birth	6/13/1945	5/2/1963
Voter Registration #	319044	318712
Citizen | Immigration #	Yes -	Yes -
FL Vehicle Tag #	P011TT	W02KMH
Declaration of Domicile	No	No
Other		
Current Employer	RETIRED	UNEMPLOYED
Last IRS Address	30 BOULDER RIDGE RD	30 BOULDER RIDGE RD
	SCARSDALE, NY 10583	SCARSDALE, NY 10583
Previous Address	30 BOULDER RIDGE RD	30 BOULDER RIDGE RD
	SCARSDALE, NY 10583	SCARSDALE, NY 10583
Non-Owner Spouse	-	-

WAIVER: I hereby authorize this agency to obtain information necessary to determine my elegibility for the exemption(s) applied for. If all information is not received by March 1st, your application will be processed for whatever exemptions you qualify for on that date.

I hereby make application for the exemptions indicated and affirm that I do qualify for same under Florida Statutes. I am a permanent resident of the State of Florida and I own and occupy the property described above. I understand that section 196.131 (2), Florida Statues provides that any person who knowingly and willfully gives false information for the purpose of claiming homestead exemption is guilty of a misdemeanor of the first degree, punishable by a term of imprisonment not exceeding 1 year or a fine not exceeding $5,000 or both. Further, under penalties of perjury, I declare that I have read the foregoing application and the facts in it are true.

COPY! **COPY!**

Keep this receipt for your records!

Printed: 2/14/2006 9:59:43 AM

Deputy Signature Johnson

NOTICE OF **PROPOSED** PROPERTY TAXES

MARTIN COUNTY TAXING AUTHORITIES
c/o 100 E. Ocean Blvd., Suite 300
Stuart, Florida 34994

DO NOT PAY
THIS IS NOT A BILL

Account Number: 119120 101
LOT 16 SEWALL'S MEADOW (PB 14 PG 32)

BAUM, MICHAEL J & PATRICIA M
30 BOULDER RIDGE RD
SCARSDALE, NY 10583

The taxing authorities which levy property taxes against your property will soon hold PUBLIC HEARINGS to adopt budgets and tax rates for the next year.

The purpose of the PUBLIC HEARINGS is to receive opinions from the general public and to answer questions on the proposed tax change and budget PRIOR TO TAKING FINAL ACTION.

Each taxing authority may AMEND OR ALTER its proposals at the hearing.

105 ABBIE COURT

TAXING AUTHORITY	YOUR PROPERTY TAXES LAST YEAR	YOUR TAXABLE VALUE THIS YEAR	YOUR TAXES THIS YEAR IF **PROPOSED** BUDGET CHANGE IS MADE	YOUR TAXES THIS YEAR IF **NO** BUDGET CHANGE IS MADE	A PUBLIC HEARING ON THE PROPOSED TAXES AND BUDGET WILL BE HELD:
County	2843.24	821640	4021.93	3825.56	2401 SE Monterey Rd Stuart, FL September 7, 2005 5:05pm
Public Schools: By Local Board	1397.15	821640	2151.88	1878.27	500 E Ocean Blvd, Stuart, FL
By State Law	2730.16	821640	3846.10	3670.27	September 6, 2005 7:00pm
Sewall Point	1026.94	821640	1634.24	1411.08	1 S Sewalls Point Rd. Sewalls Point, FL Sept. 8, 2005 6:00pm
S Florida Water Mgmt	324.55	821640	490.52	425.12	3301 Gun Club Rd. Bldg. B-1 West Palm Beach , FL
SFWM Everglades Cnst	54.36	821640	82.16	71.24	September 6, 2005 5:15pm
Childrens Services	181.41	821640	274.18	243.86	2030 SE Ocean Blvd, Stuart, FL September 13, 2005 5:30pm
Florida Inland Navig	20.93	821640	31.63	28.10	Community Center 56 N Broadway Fellsmere, FL 9/7/05 6:00pm
Voter Approved	202.24	821640	267.03	267.03	Debt Payment **See County**
Total Tax	8780.98	51.145	12799.67	11820.53	
Real Property	COLUMN 1		COLUMN 2	COLUMN 3	13-38-41-013-000-00160-0
	SEE REVERSE SIDE FOR EXPLANATION				

YOUR PROPERTY VALUE LAST YEAR:	MARKET VALUE	ASSESSED VALUE	EXEMPTIONS	TAXABLE VALUE
2004	543,640	543,640	0	543,640
YOUR PROPERTY VALUE THIS YEAR: 2005	821,640	821,640	0	821,640

- IF YOU FEEL THE MARKET ASSESSED VALUE OF YOUR PROPERTY IS INACCURATE OR DOES NOT REFLECT FAIR MARKET VALUE, CONTACT YOUR PROPERTY APPRAISER AT: 100 E Ocean Blvd. Suite 300 Stuart, FL 34994 (772) 288-5608
- IF THE PROPERTY APPRAISER'S OFFICE IS UNABLE TO RESOLVE THE MATTER AS TO MARKET VALUE, YOU MAY FILE A PETITION FOR ADJUSTMENT WITH THE VALUE ADJUSTMENT BOARD. PETITION FORMS ARE AVAILABLE FROM THE COUNTY PROPERTY APPRAISER AND MUST BE **FILED ON OR BEFORE** 09/19/2005
- YOUR FINAL TAX BILL MAY CONTAIN NON-AD VALOREM ASSESSMENTS WHICH MAY NOT BE REFLECTED ON THIS NOTICE SUCH AS ASSESSMENTS FOR ROADS, FIRE, GARBAGE, LIGHTING

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☐ Mon ☐ Wed ☒ Fri 7-14, 2006 Page 2 of 2

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0051	BAUM	PRIVACY WALL	PASS	
3	105 ABBIE CT.			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0015			PASS	
7	5 GUMBO LIMBO			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0071		A/C	FAIL	
4	45 SEWALL'S PT. RD SOUTH.			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0061		UG TANK &	PASS	
8	10 CASTLE HILL	LINES		
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
~~—~~	~~STELLA BOLAND~~	~~COURTESY INSP.~~	~~—~~	
	~~97 N. S.P.A.~~	~~—~~		
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0029		ROOF	FAIL	
1C	41 W. HIGH POINT.			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

OTHER:

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☐ Mon ☐ Wed ☒ Fri 7-28, 2006 Page 2 of 2

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0051	or 0055	PRIVACY WALL	PASS	
4	105 ABBIE CT.	TIE BEAM		
		3/4 FIREWALL		INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
		DUPLICATION		
X	~~12 ADMIRAL WALK~~			
	FOOTERS			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0069		FENCE	PASS	
7	114 HILLCREST TER			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0077	CARLSON	TEMP POWER	PASS	
8	TUSCAN LANE NONI ESTATES LOT 20	FOOTERS	FAIL	
	283-2096 MASTERPIECE			INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
		DUPLICATION		
X	~~23 RIDGELAND~~			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0023		SHUTTERS	PASS	
10	108 N.S.P.R.			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
		CANCEL		
6	~~55 SEWALLS PT RD.~~			
	CODE RED	287-2829		INSPECTOR:

OTHER:

B) TUSCAN ... FOOTERS / TEMP POWER

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☐ Mon ☒ Wed ☐ Fri 9-13, 2006 **Page** 3 of 3

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0079		DRY-IN	~~CANCEL~~	~~RESCHEDULE~~
3	18 RIVERVIEW DR.		PASS	
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0079		TIN-TAG	~~CANCEL~~	~~RESCHEDULE~~
3	18 RIVERVIEW		PASS	
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0064		INSULATION	FAIL	
11	31 S. RIVER	(LATE)		
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
	~~83 S. RIVER~~			
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0051		FENCE FINAL	PASS	CLOSE
	105 ABBIE CT			
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

OTHER:

8289
GAS TANK & LINE

Martin County #SP01

MASTER ~~PERMIT~~ NO. 20060058

TOWN OF SEWALL'S POINT

Receipt

Date 6-23-06

BUILDING PERMIT NO. 8289

Building to be erected for Baum

Type of Permit Gastank & line

Applied for by Dig It Construction (Contractor)

Subdivision Sewalls Meadow Lot 16 Block

Address 105 Abbie Ct

Type of structure SFR

Parcel Control Number:

133841013-000-00160-00000

Amount Paid $35- Check # 5007 Cash

Total Construction Cost $ 1500

Building Fee

Radon Fee

Impact Fee

A/C Fee

Electrical Fee

Plumbing Fee

Roofing Fee

Other Fees (Gas) 35.00

TOTAL Fees 35.00

Signed Charmie J. Sellus-St Mary
Applicant

Signed Valerie Dwyer
Town Building ~~Official~~ Asst Clerk

MARTIN COUNTY
BUILDING PERMIT

CARD MUST BE POSTED IN A CONSPICUOUS PLACE ON THE FRONT OF THE PREMISES WITHIN VIEW OF THE STREET BEFORE WORK IS STARTED.

Permit Number:	SP01 - 20060058
Permit Type:	SEWALLS POINT
Date Issued:	23-JUN-2006
Project:	
Scope of Work:	Install 1000 gallon u/g LP Asme Tank with 25' PE 3/4 Line gas & tank

Applicant/Contact:	ST MARY, CHARMIN /
Parcel Control Number:	13-38-41-013-000-0016.0-00000
Subdivision:	SEWALL'S MEADOW
Construction Address:	105 ABBIE CT
Location Description:	
Owner Name:	BAUM, MICHAEL J & PATRICIA M
Prime Contractor:	ST MARY, CHARMIN 12885 RANDOLPH SIDING RD JUPITER, FL 33478-6582 561-748-9758 DIG IT CONSTRUCTION INC License No.: CGF22136

In consideration of the granting of this permit, it is agreed that in all respects the work will be performed and completed in accordance with the permitted plans and the applicable codes for Martin County, Florida. This permit may be revoked at any time upon the violation of any of the provisions of said laws, ordinances or rules and regulations or upon any change in the plans and specifications unauthorized by this department. Permit expires one hundred eighty (180) days from the date of issuance if work is not started or if work is suspended for a period of six months. Per FBC Section 3305, sanitary facilities shall be provided during construction, remodeling, or demolition activities.

"NOTICE: IN ACCORDANCE TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THE COUNTY AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES."

"WARNING TO OWNER; YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."
A CERTIFIED COPY OF RECORDED NOTICE OF COMMENCEMENT MUST BE SUBMITTED TO THE ISSUING AUTHORITY PRIOR TO THE FIRST INSPECTION.

ALL REINSPECTIONS OR ADDITIONAL INSPECTIONS WILL BE CHARGED AT A RATE ESTABLISHED BY THE BOARD OF COUNTY COMMISSION. **NOTICE:** DO NOT ORDER CONCRETE UNTIL INSPECTION IS APPROVED.

UPON COMPLETION OF WORK, A FINAL INSPECTION MUST BE CALLED FOR BY THE CONTRACTOR. FAILURE TO DO SO WILL RESULT IN A DENIAL OF FUTURE BUILDING PERMITS TO THE CONTRACTOR.

INSPECTIONS

Phone 221-2364 (interactive voice) or 288-5489 for inspections. 24 hour notice is required.
The inspections listed below may not represent all necessary required inspections for the scope of work.

5026 Gas Line Rough _____ 5091 Gas Final-Sfd _____

MARTIN COUNTY
BUILDING PERMIT CONDITIONS

Conditions

1. GENERATOR PERMIT REQUIRED **Must be done prior to inspection:** **6099**

   Generator permit must be submitted prior to issuance of gas permit

Due to the Martin County Sheriff's Office experiencing numerous cases of construction thefts, please post your construction site with the following Florida State Statute 810.09 (d)

"This areas is a designated construction site, and anyone who trespasses on this property commits a Felony"

NOTICE TO CONTRACTOR
OWNER/BUILDER

Repairs to any damage to adjacent sidewalks or roadway within County's maintained rights-of-way that occur during the course of construction will be responsibility of the contractor or owner/builder.

No Certificate of Occupancy will be issued until such corrective work has been completed.

Thank you,

Engineering Dept., Field Operations

RECEIVED 6-15-06

Town of Sewall's Point
BUILDING PERMIT APPLICATION

Date: 6/15/2006 Permit Number: _____

OWNER/TITLEHOLDER NAME: Michael / Patricia Baum Phone (Day) N/A (Fax) (772) 220-1936

Job Site Address: 105 Abbie Court City: Stuart State: FL Zip: 34996

Legal Desc. Property (Subd/Lot/Block) Sewalls Reach / lot #126 / bk 14 / pg 32 Parcel Number: 13-38-41-013-000-0016-0(105)

Owner Address (if different): Same City: — State: — Zip: —

Description of Work To Be Done: Install 1000 gallon 4/g LP ASME tank w/ 25' PE 3/4" line

---

WILL OWNER BE THE CONTRACTOR?:

YES (NO)

(If no, fill out the Contractor & Subcontractor sections below)

(If yes, Owner Builder Affidavit must accompany application)

COST AND VALUES:

Estimated Cost of Construction or Improvements: $ 1,500.00
(Notice of Commencement needed over $2500)

Estimated Fair Market Value prior to improvement: $ —

Is improvement cost 50% or more of Fair Market Value? YES (NO)

Method of Determining Fair Market Value: _____

CONTRACTOR/Company: Dig It Construction, INC. Phone: (561) 748-9758 Fax: Same

Street: 12885 Randolph Siding Rd. City: Jupiter State: FL Zip: 33478

State Registration Number: 22136 State Certification Number: Lpinstaller Martin County License Number: CGF 22136

SUBCONTRACTOR INFORMATION:

Electrical: _____ State: _____ License Number: _____

Mechanical: N/A State: _____ License Number: _____

Plumbing: _____ State: _____ License Number: _____

Roofing: _____ State: _____ License Number: _____

ARCHITECT N/A Lic.#: _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

ENGINEER N/A Lic# _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREA SQUARE FOOTAGE – SEWER – ELECTRIC Living: — Garage: — Covered Patios: — Screened Porch: —

Carport: — Total Under Roof — Wood Deck: — Accessory Building: —

NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies, or federal agencies.

CODE EDITIONS IN EFFECT AT TIME OF APPLICATION: Florida Building Code (Structural, Mechanical, Plumbing, Gas): 2004
National Electrical Code: 2002 Florida Energy Code: 2004 Florida Accessibility Code: 2004 Florida Fire Code 2004

I HEREBY CERTIFY THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS AND ORDINANCES DURING THE BUILDING PROCESS.

OWNER OR AGENT SIGNATURE (required)
Patricia M Baum

State of Florida, County of: Martin
This the 15 day of June, 2006
by P. Baum who is personally
known to me or produced FL dl
as identification. Joan H. Barrow
Notary Public

My Commission Expires: _____

JOAN H. BARROW
Seal
MY COMMISSION # DD 137713
EXPIRES: November 30, 2008
Bonded Thru Notary Public Underwriters

CONTRACTOR SIGNATURE (required)
Charmin D. Sellers-St Mary

On State of Florida, County of: Martin
This the 15th day of June 2006
by Charmin Sellers St Mary who is personally
known to me or produced FLDL# S356-117-67-713-0
As identification. Valerie Meyer
Notary Public

My Commission Expires: _____

VALERIE MEYER
Seal
MY COMMISSION # DD552119
EXPIRES: May 14, 2010
(407) 398-0153 Florida Notary Service.com

PERMIT APPLICATIONS VALID 30 DAYS FROM APPROVAL NOTIFICATION – PLEASE PICK UP YOUR PERMIT PROMPTLY!

2005-2006 **MARTIN COUNTY** ORIGINAL
COUNTY OCCUPATIONAL LICENSE

Larry C. O'Steen, Tax Collector, P.O. Box 9013, Stuart, FL 34995
(772) 288-5604

LICENSE 2006-275-1335 CERT PBC2006-22716
PHONE (561)748-9758 SIC NO 235930

LOCATION:
12885 RANDOLP SIDING JUP

CHARACTER COUNTS IN MARTIN COUNTY

PREV. YR. $	.00	LIC. FEE $	12.50
$	.00	PENALTY $	.00
$	.00	COL. FEE $	.00
$	.00	TRANSFER $	.00
	TOTAL	12.50	

RECEIPT of PAYMENT
LARRY C. O'STEEN
99 05/16/2006 NORMA
20060002750133
002 2005 0009762.
DIG IT CONSTRUCTION

ST. MARY, ROBERT & CHARMIN D.
DIG IT CONSTRUCTION, INC.
12885 RANDOLPH SIDING
JUPITER, FL 33478-6582

IS HEREBY LICENSED TO ENGAGE IN THE BUSINESS, PROFESSION OR OCCUPATION
OF PUBLIC SERVICE

AT LOCATION LISTED FOR THE PERIOD BEGINNING ON THE

16 DAY OF MAY 20 06

AND ENDING SEPTEMBER 30 2006

Martin County Building Department

2401 SE Monterey Road
Stuart, Fl 34996
(772) 288-5482
Fax (772) 288-5911

ST MARY, CHARMIN
DIG IT CONSTRUCTION INC
12885 RANDOLPH SIDING RD
JUPITER, FL 33478-6582

NOTICE TO ALL CONTRACTORS

PLEASE BE ADVISED THAT MARTIN COUNTY, FLORIDA SECTION 43.42 REQUIRES COMPLIANCE WITH THE FOLLOWING EXERPT FROM THE GENERAL ORDINANCES OF THE MARTIN COUNTY CODE:

PROHIBITED ACTIVITIES:

43.42 R Advertising contracting work in any advertisement to the public in a newspaper or telephone directory without including in the advertisement the number of the contractor license issued to the person or business being advertised.

43.42 S Operating any commercial vehicle in the course of conducting the practice of contracting that fails to display the contractor license number of the contractor.

If you have any questions relating to the information in this letter , please contact the Martin County Contractor's Licensing Division of the Martin County Building Department.

MARTIN COUNTY, FLORIDA
Construction Industry Licensing Board
Certificate of Competency

GAS FITTER

License Number CGF22136 Expires: 01-SEP-06

ST MARY, CHARMIN
DIG IT CONSTRUCTION INC
12885 RANDOLPH SIDING RD
JUPITER, FL 33478-6582

Florida Department of Agriculture and Consumer Services
Bureau of Liquefied Petroleum Gas
P.O. Box 6720
Tallahassee, Florida 32399-6720

License Number: 22136

Business Mailing Address

DIG IT CONSTRUCTION, INC.
12885 RANDOLPH SIDING RD
JUPITER, FL 33478-6582

Licensed Location Address

DIG IT CONSTRUCTION, INC.
12885 RANDOLPH SIDING RD
JUPITER, FL 33478-6582

The liquefied petroleum gas license at the bottom of this form is valid ONLY for the company located at the address on the license. Each business location of a company must be licensed. All LP Gas licenses must be renewed annually. Any license allowed to expire shall become inoperative because of failure to renew. The fee for restoration of a license is equal to the original license fee and must be paid before the licensee may resume operations.

Pursuant to Chapter 527, Florida Statutes, LP Gas licensees must present proof of licensure to any consumer, owner, or end user upon request when engaged in the business of servicing, testing, repairing, maintaining or installing LP Gas systems and/or equipment.

For future correspondence, please make any needed corrections or changes to your business mailing address and/or your licensed location address and return the UPPER PORTION with corrections to:

Florida Department of Agriculture and Consumer Services
Bureau of Liquefied Petroleum Gas
P.O. Box 6720
Tallahassee, Florida 32399-6720

✂ Cut Here ✂

POST LICENSE CONSPICUOUSLY

State of Florida
Department of Agriculture and Consumer Services

Division of Standards
Bureau of Liquefied Petroleum Gas
(850) 921-8001
Tallahassee, Florida

License Number: 22136
Expiration Date: August 31, 2006
Date of Issue: May 9, 2006
License Fee: $300.00
Type and Class: 0803

Liquefied Petroleum Gas License

LP GAS INSTALLER

GOOD FOR ONE LOCATION

This license is issued under authority of Section 527.02, Florida Statutes, to:

DIG IT CONSTRUCTION, INC.
12885 RANDOLPH SIDING RD
JUPITER, FL 33478-6582

Charles H. Bronson
CHARLES H. BRONSON
COMMISSIONER OF AGRICULTURE

1996-17182

STATE OF FLORIDA
PALM BEACH COUNTY
OCCUPATIONAL LICENSE

OS-012
CLASSIFICATION

EXPIRES: SEPTEMBER - 30- 2006

DIG IT CONSTRUCTION
DIG IT CONSTRUCTION INC
ST MARY ROBERT

** LOCATED AT

12885 RANDOLPH SIDING
JUPITER FL 33478-6582

CNTY $1.00

TOTAL $1.00

Is hereby licensed at above address for the period beginning on the first day of October and ending on the thirtieth day of September to engage in the business, profession or occupation of:

BACKHOE SERVICE

THIS IS NOT A BILL - DO NOT PAY

PAID. PBC TAX COLLECTOR
$1.00 DUP 325 002456 05-16-2006

PETER H. CARNEY
TAX COLLECTOR, PALM BEACH COUNTY

THIS LICENSE VALID ONLY WHEN RECEIPTED BY TAX COLLECTOR

2006-22716

STATE OF FLORIDA
PALM BEACH COUNTY
OCCUPATIONAL LICENSE

CW-008
CLASSIFICATION

EXPIRES: SEPTEMBER - 30- 2006

DIG IT CONSTRUCTION
DIG IT CONSTRUCTION INC
ST MARY CHARMIN D & ROBERT R

** LOCATED AT

COUNTYWIDE MUNICIPAL LICENSE

12885 RANDOLPH SIDING
JUPITER FL 33478-6582

C/WIDE $1.00

TOTAL $1.00

Is hereby licensed at above address for the period beginning on the first day of October and ending on the thirtieth day of September to engage in the business, profession or occupation of:

LIQUID PETROLEUM
INSTALLATION
22136

THIS IS NOT A BILL - DO NOT PAY

PAID. PBC TAX COLLECTOR
$1.00 DUP 325 000000 05-16-2006

PETER H. CARNEY
TAX COLLECTOR, PALM BEACH COUNTY

THIS LICENSE VALID ONLY WHEN RECEIPTED BY TAX COLLECTOR

2006-22715

STATE OF FLORIDA
PALM BEACH COUNTY
OCCUPATIONAL LICENSE

OG-041
CLASSIFICATION

EXPIRES: SEPTEMBER - 30- 2006

DIG IT CONSTRUCTION
DIG IT CONSTRUCTION INC
ST MARY CHARMIN D & ROBERT R

** LOCATED AT

12885 RANDOLPH SIDING
JUPITER FL 33478-6582

CNTY $1.00

TOTAL $1.00

Is hereby licensed at above address for the period beginning on the first day of October and ending on the thirtieth day of September to engage in the business, profession or occupation of:

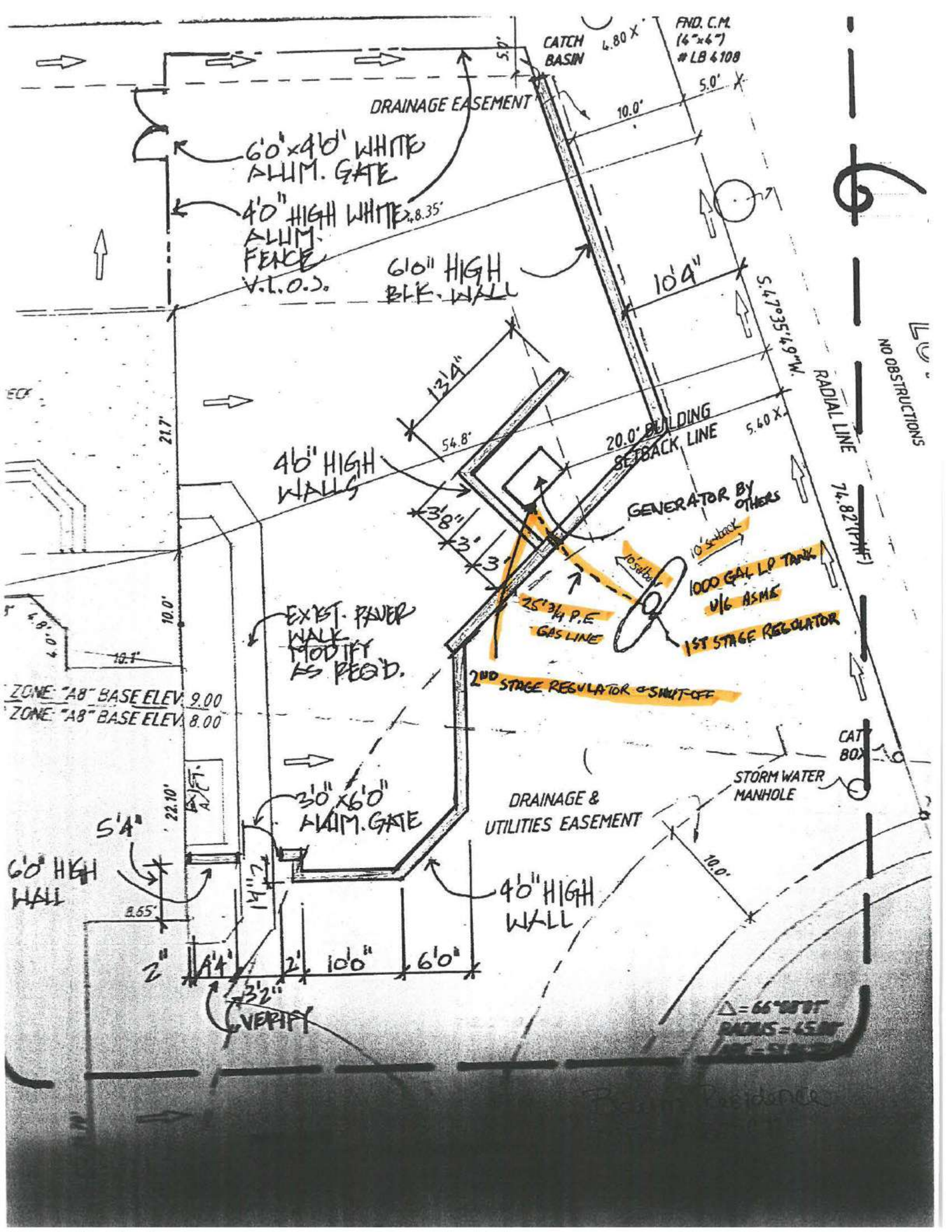
LIQUID PETROLEUM
INSTALLATION
22136

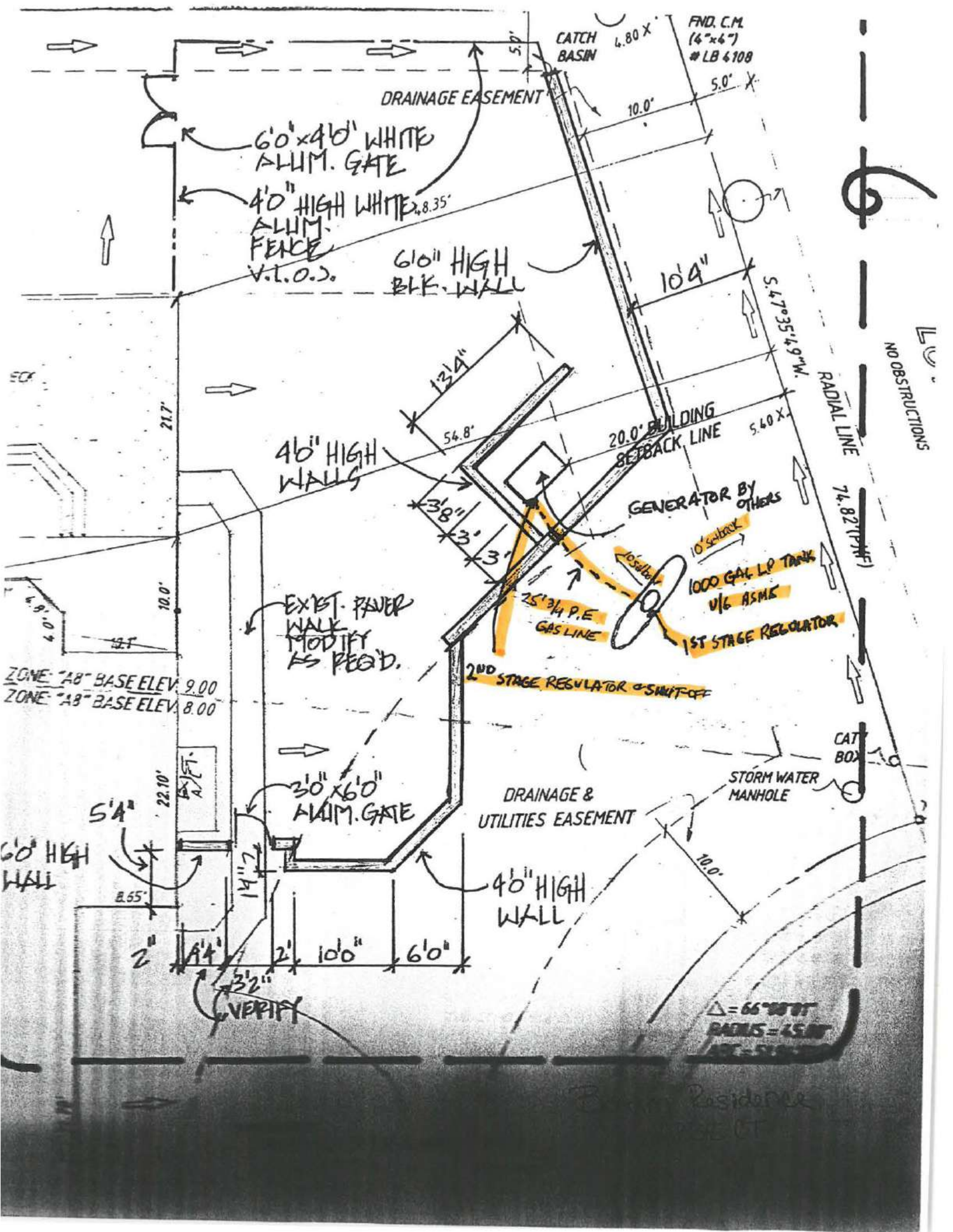
THIS IS NOT A BILL - DO NOT PAY

PAID. PBC TAX COLLECTOR
$1.00 DUP 325 000000 05-16-2006

PETER H. CARNEY
TAX COLLECTOR, PALM BEACH COUNTY

THIS LICENSE VALID ONLY WHEN RECEIPTED BY TAX COLLECTOR


CATCH BASIN
4.80 X
FND. C.M. (4"x4") # LB 4108
5.0'
10.0'
DRAINAGE EASEMENT
6'0"x4'0" WHITE ALUM. GATE
4'0" HIGH WHITE ALUM. FENCE V.I.O.
4.8.35'
6'0" HIGH BLK. WALL
10'9"
S.47°35'49"W.
RADIAL LINE
74.82'(P&MF)
NO OBSTRUCTIONS
13'4"
54.8'
20.0' BUILDING SETBACK LINE
5.40 X
46" HIGH WALLS
GENERATOR BY OTHERS
3'8"
3'
3'
10'setback
10'setback
1000 GAL LP TANK U/G ASME
25'3/4 P.E GAS LINE
1ST STAGE REGULATOR
2ND STAGE REGULATOR & SHUT-OFF
EXIST. PAVER WALK MODIFY AS REQ'D.
21.7'
10.0'
4.8'
4.0'
10.1'
ZONE "AB" BASE ELEV. 9.00
ZONE "AB" BASE ELEV. 8.00
CAT BOX
STORM WATER MANHOLE
DRAINAGE & UTILITIES EASEMENT
22.10'
3'0"x6'0" ALUM. GATE
5'4"
6'0" HIGH WALL
8.65'
14"
2"
4'4"
2'
10'0"
6'0"
3'2"
VERIFY
4'0" HIGH WALL
10.0'


CATCH BASIN
4.80 X
FND. C.M. (4"x4") # LB 4108
5.0'
DRAINAGE EASEMENT
10.0'
6'0" x 4'0" WHITE ALUM. GATE
4'0" HIGH WHITE ALUM. FENCE V.I.O.
4.8.35'
6'0" HIGH BLK. WALL
10'9"
S.47°35'49"W.
RADIAL LINE
NO OBSTRUCTIONS
74.82' (PMF)
1'3 1/4"
54.8'
46" HIGH WALLS
20.0' BUILDING SETBACK LINE
5.60 X
3'8"
3'
3'
GENERATOR BY OTHERS
10' SETBACK
10' SETBACK
1000 GAL LP TANK U/G ASME
25'3/4 P.E GAS LINE
1ST STAGE REGULATOR
2ND STAGE REGULATOR & SHUT-OFF
EXIST. PAVER WALK MODIFY AS REQ'D.
ZONE "AE" BASE ELEV 9.00
ZONE "AE" BASE ELEV 8.00
CAT BOX
STORM WATER MANHOLE
DRAINAGE & UTILITIES EASEMENT
10.0'
3'0" x 6'0" ALUM. GATE
5'4"
6'0" HIGH WALL
8.55'
14"
4'0" HIGH WALL
2"
5'4"
2'
10'0"
6'0"
3'2"
VERIFY

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☐ Mon ☐ Wed ☒ Fri 8-18, 2006 **Page** 2 **of** 2

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0058	BAUM	GAS ROUGH	PASS	
4	105 ABBIE CT.			
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0107	HADIO	POOL STEEL	PASS	
7	78 N.S.P.R.			
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0082	OESTEPHAN	DRY-IN	PASS	
6A	68 S.S.P.R.			
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0104	HILL	U.G. TANK & LINE	PASS	
10	48 N. RIVER RD.			
	SPECIALTY			INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
7576	SILAS	FINAL	PASS	CLOSE
	10 CASTLE HILL			
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

OTHER:

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☑ Mon ☐ Wed ☐ Fri 8-28, 2006

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0058	BAUM	FINAL GAS	PASS	CLOSE
1	105 ABBIE CT			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
102		ROOF-HW		
11	25 N. RIVER	SHEATHING	PASS	
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0033		FTG/SLAB	PASS	
12	27 N. RIVER			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0088	POOLE	FOOTERS	FAIL	
8	94 N. S.P.R.			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0087		DECK	PASS	
9	144 N. S.P.R.			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0064		U.G. PLUMBING	PASS	
6	31 S. RIVER RD			
				INSPECTOR:
PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
0110		ROOF SHEATH.	PASS	
5	98 S. RIVER RD.			
				INSPECTOR:

OTHER:

REPORT: bldg03

MARTIN COUNTY REPORTS
FINALED BUILDING PERMITS WITHOUT A CERTIFICATE OF OCCUPANCY
Permits with Inspections of '6098' or '6099' or '8099' and Result of 'PASS'
Completed between: 01-MAY-2005 and 29-NOV-2006

RUN DATE: 29-NOV-2006
RUN TIME:

SP01	20060042	DONE	24-MAY-2006	24-JUL-2006	26-JUN-2006	013841006	HOME WOOD (SEWALL'S PT)
Conditions of Approval							Outstanding Fees
SP01	20060047	DONE	09-JUN-2006	29-NOV-2006	17-NOV-2006	353741008	KNOWLES
Conditions of Approval							Outstanding Fees
SP01	20060048	DONE	14-JUN-2006	24-JUL-2006	24-JUL-2006	263741015	CASTLE HILL
Conditions of Approval							Outstanding Fees
SP01	20060049	DONE	14-JUN-2006	24-JUL-2006	13-JUL-2006	353741007	TWIN RIVERS
Conditions of Approval							Outstanding Fees
SP01	20060055	DONE	21-JUN-2006	29-NOV-2006	08-SEP-2006	133841006	WHITE FENCE ACRES REVISED
Conditions of Approval							Outstanding Fees
SP01	20060056	DONE	21-JUN-2006	29-NOV-2006	11-OCT-2006	013841014	HILLCREST (SEWALL'S PT)
Conditions of Approval							Outstanding Fees
SP01	20060058	DONE	21-JUN-2006	29-NOV-2006	28-AUG-2006	133841013	SEWALL'S MEADOW
Conditions of Approval							Outstanding Fees
SP01	20060059	DONE	30-MAY-2006	24-JUL-2006	17-JUL-2006	133841002	HIGH POINT
Conditions of Approval							Outstanding Fees
SP01	20060060	OPEN	20-JUN-2006		03-NOV-2006	353741000	1
Conditions of Approval							Outstanding Fees
BREINSP	REINSPECTION FEE TO BE PAID						BREINSPECT $45.00
SP01	20060061	DONE	26-JUN-2006	29-NOV-2006	11-AUG-2006	263741015	CASTLE HILL
Conditions of Approval							Outstanding Fees
SP01	20060062	DONE	20-JUN-2006	29-NOV-2006	11-AUG-2006	353741010	RIVER CREST
Conditions of Approval							Outstanding Fees
SP01	20060063	DONE	26-JUN-2006	29-NOV-2006	13-OCT-2006	133841001	ARCHIPELAGO
Conditions of Approval							Outstanding Fees
SP01	20060069	DONE	28-JUN-2006	31-JUL-2006	28-JUL-2006	013841014	HILLCREST (SEWALL'S PT)
Conditions of Approval							Outstanding Fees

9869
AC CHANGEOUT

Town of Sewall's Point
BUILDING PERMIT APPLICATION

Date: 8/29/11 Permit Number: 9869

OWNER/TITLEHOLDER NAME: Michael Baum Phone (Day) 772-220-1936 (Fax) _____

Job Site Address: 105 Abbie Court City: Stuart State: FL Zip: 34996

Legal Description Lot 16 Sewells Meadow Parcel Control Number: 13-38-41-013-000-00160-0

Owner Address (if different): N/A City: _____ State: _____ Zip: _____

Scope of work (please be specific): A/C Change out (2 units)

WILL OWNER BE THE CONTRACTOR?
(If yes, Owner Builder questionnaire must accompany application)
YES_____ NO ✓

Has a Zoning Variance ever been granted on this property?
YES_____ (YEAR)_____ NO ✓
(Must include a copy of all variance approvals with application)

COST AND VALUES: (Required on ALL permit applications)
Estimated Value of Improvements: $ 15,785
(Notice of Commencement required when over $2500 prior to first inspection, $7,500 on HVAC change out)
Is subject property located in flood hazard area? VE10___ AE9___ AE8___ X___
FOR ADDITIONS, REMODELS AND RE-ROOF APPLICATIONS ONLY:
Estimated Fair Market Value prior to improvement: $_____
(Fair Market Value of the Primary Structure only, Minus the land value)
PRIVATE APPRAISALS MUST BE SUBMITTED WITH PERMIT APPLICATION

OK

CONTRACTOR/Company: Stephen K Denny Phone: 561-743-9559 Fax: _____

Street: 406 Commerce Way City: Jupiter State: FL Zip: 33458

State License Number: CAC1813800 OR: Municipality: _____ License Number: _____

LOCAL CONTACT: _____ Phone Number: _____

DESIGN PROFESSIONAL: N/A Lic# _____ Phone Number: _____

Street: _____ City: _____ State: _____ Zip: _____

AREAS SQUARE FOOTAGE: Living: _____ Garage: _____ Covered Patios/ Porches: _____ Enclosed Storage: _____

Carport: _____ Total under Roof _____ Elevated Deck: _____ Enclosed area below BFE*: _____
* Enclosed non-habitable areas below the Base Flood Elevation greater than 300 sq. ft. require a Non-Conversion Covenant Agreement.

CODE EDITIONS IN EFFECT THIS APPLICATION: Florida Building Code (Structural, Mechanical, Plumbing, Existing, Gas): 2007 National Electrical Code: 2005(2008 after 6/1/09)Florida Energy Code:2007, Florida Accessibility Code:2007, Florida Fire Prevention Code 2007

NOTICES TO OWNERS AND CONTRACTORS:

1. YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. WHEN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.
2. THERE ARE SOME PROPERTIES THAT MAY HAVE DEED RESTRICTIONS RECORDED UPON THEM. THESE RESTRICTIONS MAY LIMIT OR PROHIBIT THE WORK APPLIED FOR IN YOUR BUILDING PERMIT. IT IS YOUR RESPONSIBILITY TO DETERMINE IF YOUR PROPERTY IS ENCUMBERED BY ANY RESTRICTIONS. SOME RESTRICTIONS APPLICABLE TO THIS PROPERTY MAY BE FOUND IN THE PUBLIC RECORDS OF MARTIN COUNTY OR THE TOWN OF SEWALL'S POINT, THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.
3. BUILDING PERMITS FOR SINGLE FAMILY RESIDENCES AND SUBSTANTIAL IMPROVEMENTS TO SINGLE FAMILY RESIDENCES ARE VALID FOR A PERIOD OF 24 MONTHS. RENEWAL FEES WILL BE ASSESSED AFTER 24 MONTHS PER TOWN ORDINANCE 50-95.
4. THIS PERMIT WILL BECOME *NULL AND VOID* IF THE WORK AUTHORIZED BY THIS PERMIT IS NOT COMMENCED WITHIN 180 DAYS, OR IF WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AT ANY TIME AFTER THE WORK IS COMMENCED. ADDITIONAL FEES WILL BE ASSESSED ON ANY PERMIT THAT BECOMES NULL AND VOID. REF. FBC 2004 W/ 2006 REVISIONS SECT. 105.4.1, 105.4.1.1 - .5.

*******A FINAL INSPECTION IS REQUIRED ON ALL BUILDING PERMITS********

APPLICATION IS HEREBY MADE TO OBTAIN A PERMIT TO DO THE WORK AND INSTALLATIONS AS SPECIFICALLY INDICATED ABOVE. I CERTIFY THAT NO WORK OR INSTALLATION HAS COMMENCED PRIOR TO THE ISSUANCE OF A PERMIT AND THAT THE INFORMATION I HAVE FURNISHED ON THIS APPLICATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. I AGREE TO COMPLY WITH ALL APPLICABLE CODES, LAWS, AND ORDINANCES OF THE TOWN OF SEWALL'S POINT DURING THE BUILDING PROCESS.

OWNER SIGNATURE: (required)
OR OWNERS LEGAL AUTHORIZED AGENT (PROOF REQUIRED)
M J Baum

State of Florida, County of: Martin
This the 29 day of Aug 2011
by Personally Michael Baum who is personally
known to me or produced _____
as identification. Charyl Javor
Notary Public
My Commission Expires: _____

CHARYL A. JAVOR
MY COMMISSION # DD 832849
EXPIRES: November 18, 2012
Bonded Thru Notary Public Underwriters

CONTRACTOR SIGNATURE: (required)
Steve Sanders

On State of Florida, County of: Palm Bch
This the 29 day of August 2011
by Steve Sanders who is personally
known to me or produced Personally
As identification. Charyl Javor
My Commission Expires: _____

CHARYL A. JAVOR
MY COMMISSION # DD 832849
EXPIRES: November 18, 2012
Bonded Thru Notary Public Underwriters

SINGLE FAMILY PERMIT APPLICATIONS MUST BE ISSUED WITHIN 30 DAYS OF APPROVAL NOTIFICATION (FBC 105.3.4) ALL OTHER APPLICATIONS WILL BE CONSIDERED ABANDONED AFTER 180 DAYS (FBC 105.3.2) – PLEASE PICK UP YOUR PERMIT PROMPTLY!

Martin County, Florida
Laurel Kelly, C.F.A
Summary

generated on 8/30/2011 9:14:31 AM EDT

Parcel ID	Account #	Unit Address	Market Total Value	Data as of
13-38-41-013-000-00160-0	119120	105 ABBIE COURT, SEWALL'S POINT	$533,970	8/27/2011

Owner Information

Owner(Current)	BAUM MICHAEL J & PATRICIA M
Owner/Mail Address	105 ABBIE CT STUART FL 34996
Sale Date	3/23/2001
Document Book/Page	1540 1005
Document No.	JMB
Sale Price	149000

Location/Description

Account #	119120	**Map Page No.**	SP-05
Tax District	2200	**Legal Description**	LOT 16 SEWALL'S MEADOW (PB 14 PG 32)
Parcel Address	105 ABBIE COURT, SEWALL'S POINT		
Acres	.5240		

Parcel Type

Use Code	0100 Single Family
Neighborhood	120300 Sewall's Meadow

Assessment Information

Market Land Value	$220,000
Market Improvement Value	$313,970
Market Total Value	$533,970

TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-220-4765

BUILDING PERMIT CARD

THIS CARD MUST BE POSTED IN A CONSPICUOUS PLACE IN PLAIN VIEW FROM THE STREET PRIOR TO BEGINNING ANY WORK
A FINAL INSPECTION IS REQUIRED FOR ALL PERMITS

PERMIT NUMBER:	9869	DATE ISSUED:	AUGUST 30, 2011
SCOPE OF WORK:	AC CHANGEOUT – 2 UNITS		
CONDITIONS :			
CONTRACTOR:	STEPHEN K DENNY INC		
PARCEL CONTROL NUMBER:	133841-013-000-001600	SUBDIVISION	SEWALLS MEADOW- L16
CONSTRUCTION ADDRESS:	105 ABBIE CT		
OWNER NAME:	BAUM		
QUALIFIER:	STEVE SANDERS	CONTACT PHONE NUMBER:	561-743-9554

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT. A CERTIFIED COPY OF THE RECORDED NOTICE OF COMMENCEMENT MUST BE SUBMITTED TO THE BUILDING DEPARTMENT PRIOR TO THE FIRST REQUESTED INSPECTION.

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN PUBLIC RECORDS OF THIS COUNTY, AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

24 HOUR NOTICE REQUIRED FOR INSPECTIONS – ALL CONSTRUCTION DOCUMENTS MUST BE AVAILABLE ON SITE
CALL 287-2455 - 8:00AM TO 4:00PM

REQUIRED INSPECTIONS

UNDERGROUND PLUMBING	_____	UNDERGROUND GAS	_____
UNDERGROUND MECHANICAL	_____	UNDERGROUND ELECTRICAL	_____
STEM-WALL FOOTING	_____	FOOTING	_____
SLAB	_____	TIE BEAM/COLUMNS	_____
ROOF SHEATHING	_____	WALL SHEATHING	_____
TIE DOWN /TRUSS ENG	_____	INSULATION	_____
WINDOW/DOOR BUCKS	_____	LATH	_____
ROOF DRY-IN/METAL	_____	ROOF TILE IN-PROGRESS	_____
PLUMBING ROUGH-IN	_____	ELECTRICAL ROUGH-IN	_____
MECHANICAL ROUGH-IN	_____	GAS ROUGH-IN	_____
FRAMING	_____	METER FINAL	_____
FINAL PLUMBING	_____	FINAL ELECTRICAL	_____
FINAL MECHANICAL	_____	FINAL GAS	_____
FINAL ROOF	_____	BUILDING FINAL	_____

ALL RE-INSPECTION FEES AND ADDITIONAL INSPECTION REQUESTS WILL BE CHARGED TO THE PERMIT HOLDER. THE CONTRACTOR OR OWNER /BUILDER MUST SCHEDULE A FINAL INSPECTION. FAILURE TO RECEIVE A SUCCESSFUL FINAL INSPECTION WILL RESULT IN PERMIT RENEWAL FEES, FINES, AND OR DENIAL OF FUTURE BUILDING PERMITS TO THE CONTRACTOR OR OWNER /BUILDER.

TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-2204765

Air Conditioning Change out Affidavit

Residential X Commercial ____

Package Unit ____ Yes X No (Use Condenser side of form below for equipment listing)

Duct Replacement ____ Yes X No - Refrigerant line replacement ____ Yes X No

Flushing Existing Refrigerant lines ____ Yes X No - Adding Refrigerant Drier ____ Yes X No

Rooftop A/C Stand Installation ____ Yes X No - Curb Installation ____ Yes X No

Smoke Detector in Supply (over 2000 CFM) ____ Yes X No

One form required for each A/C system installed

REPLACEMENT SYSTEM COMPONENTS

Air handler	Condenser
Air handler: Mfg: Lennox Model# CBX32MV-036	**Condenser:** Mfg Lennox Model# XC21-036
Volts 240 CFM's ____ Heat Strip 8 Kw	Volts 240 SEER/EER 19.2 BTU's 35,800
Min. Circuit Amps 43 Wire gauge 8	Min. Circuit Amps ____ Wire gauge ____
Max. Breaker size 60 Min. Breaker size 60	Max. Breaker size 35 Min. Breaker size 35
Ref. line size: Liquid 3/8 Suction 3/4	Ref. line size: Liquid 3/8 Suction 3/8
Refrigerant type 410 A	Refrigerant type 410 A
Location: Existing ✓ New ____	Location: Existing ✓ New ____
Attic/Garage/Closet (specify) Closet	Left/Right/Rear/Front/Roof Right
Access: —	Condensate Location —

EXISTING SYSTEM COMPONENTS

Air handler	Condenser
Air handler: Mfg: Trane Model# TWE036C	**Condenser:** Mfg Trane Model# 2TTR2036
Volts 240 CFM's — Heat Strip 8 Kw	Volts 240 SEER/EER — BTU's —
Min. Circuit Amps 43 Wire gauge 8	Min. Circuit Amps ' Wire gauge 8
Max. Breaker size 60 Min. Breaker size 60	Max. Breaker size 35 Min. Breaker size 35
Ref. line size: Liquid 3/8 Suction 3/4	Ref. line size: Liquid 3/8 Suction 3/4
Refrigerant type R22	Refrigerant type R22
Location: Ext. X New ____	Location: Ext. X New ____
Attic/Garage/Closet (specify) Closet	Left/Right/Rear/Front/Roof Right
Access: ____	Condensate Location ____

Certification:

I herby certify that the information entered on this form accurately represents the equipment installed and further that this equipment is considered matched as required by FBC – R (N)1107 & 1108

[signature] 8/29/2011

Signature Date

AHRI CERTIFIED™
www.ahridirectory.org

This combination qualifies for a Federal Energy Efficiency Tax Credit when placed in service between Feb 17, 2009 and Dec 31, 2011.

Certificate of Product Ratings

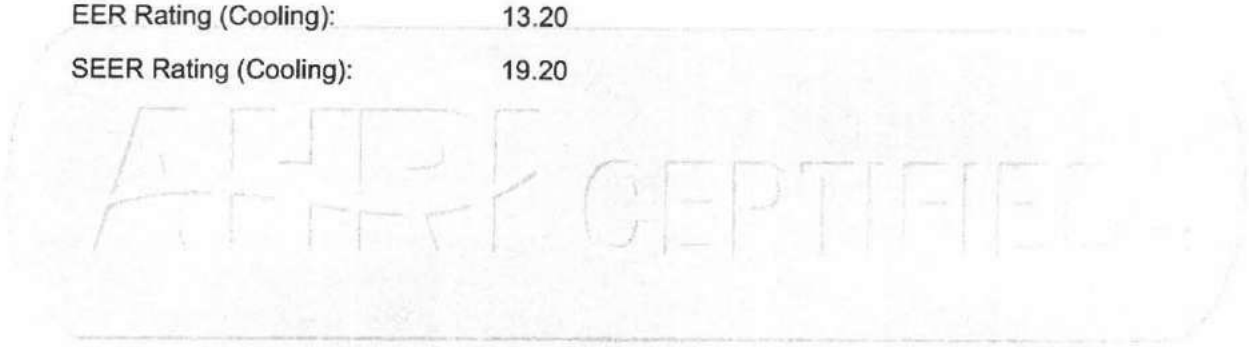
AHRI Certified Reference Number: 3946122 Date: 8/26/2011

Product: Split System: Air-Cooled Condensing Unit, Coil with Blower
Outdoor Unit Model Number: XC21-036-230-05
Indoor Unit Model Number: CBX32MV-036*+TDR
Manufacturer: LENNOX INDUSTRIES, INC.
Trade/Brand name: XC21 SERIES

Manufacturer responsible for the rating of this system combination is LENNOX INDUSTRIES, INC.

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh):	35800
EER Rating (Cooling):	13.20
SEER Rating (Cooling):	19.20



* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

AHRI Air-Conditioning, Heating, and Refrigeration Institute

CERTIFICATE NO.: 129588590264225000

TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-2204765

Air Conditioning Change out Affidavit

Residential X Commercial ____

Package Unit ____ Yes X No (Use Condenser side of form below for equipment listing)

Duct Replacement ____ Yes X No - Refrigerant line replacement ____ Yes X No

Flushing Existing Refrigerant lines ____ Yes X No - Adding Refrigerant Drier ____ Yes X No

Rooftop A/C Stand Installation ____ Yes X No - Curb Installation ____ Yes X No

Smoke Detector in Supply (over 2000 CFM) ____ Yes X No

One form required for each A/C system installed

REPLACEMENT SYSTEM COMPONENTS

Air handler: Mfg: Lennox Model# ~~CBX32MV-~~

Volts 240 CFM's ____ Heat Strip 10 Kw

Min. Circuit Amps 54 Wire gauge 6

Max. Breaker size 60 Min. Breaker size 60

Ref. line size: Liquid 3/8 Suction 3/4

Refrigerant type 410A

Location: Existing ✓ New ____

Attic/Garage/Closet (specify) Closet

Access: ____

Condenser: Mfg Lennox Model# XC21-060

Volts 240 SEER/EER 16.5 BTU's 58,500

Min. Circuit Amps ____ Wire gauge ____

Max. Breaker size 50 Min. Breaker size 50

Ref. line size: Liquid 3/8 Suction 3/4

Refrigerant type 410A

Location: Existing ✓ New ____

Left/Right/Rear/Front/Roof Right

Condensate Location ____

EXISTING SYSTEM COMPONENTS

Air handler: Mfg: Trane Model# TWE063F

Volts 240 CFM's ____ Heat Strip 10 Kw

Min. Circuit Amps 54 Wire gauge 6

Max. Breaker size 60 Min. Breaker size 60

Ref. line size: Liquid 3/8 Suction 3/4

Refrigerant type R22

Location: Ext. ✓ New ____

Attic/Garage/Closet (specify) Closet

Access: ____

Condenser: Mfg Trane Model# 2TTR2060

Volts 240 SEER/EER ____ BTU's ____

Min. Circuit Amps ____ Wire gauge 6

Max. Breaker size 50 Min. Breaker size 50

Ref. line size: Liquid 3/8 Suction 3/4

Refrigerant type R22

Location: Ext. ✓ New ____

Left/Right/Rear/Front/Roof Right

Condensate Location ____

Certification:

I herby certify that the information entered on this form accurately represents the equipment installed and further that this equipment is considered matched as required by FBC – R (N)1107 & 1108

[signature] 8/29/2011

Signature Date

AHRI CERTIFIED™
www.ahridirectory.org

Certificate of Product Ratings

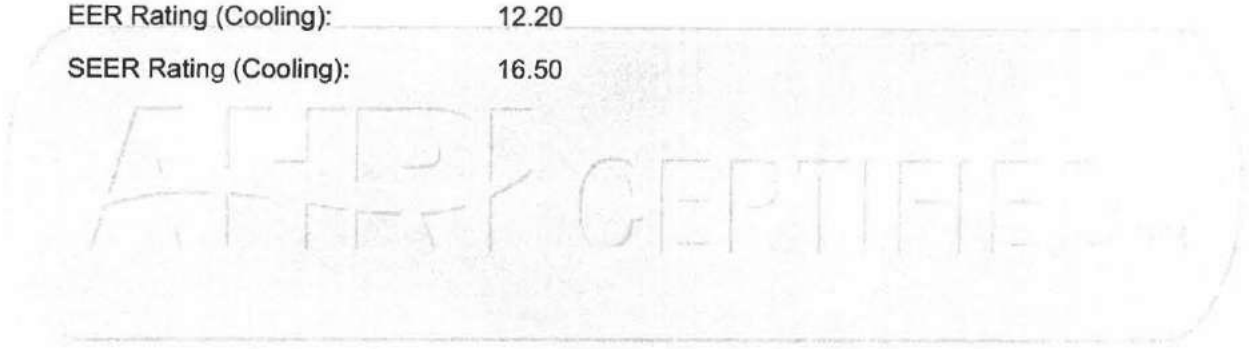
AHRI Certified Reference Number: 3946635 Date: 8/26/2011

Product: Split System: Air-Cooled Condensing Unit, Coil with Blower
Outdoor Unit Model Number: XC21-060-230-05
Indoor Unit Model Number: CBX32MV-060*+TDR
Manufacturer: LENNOX INDUSTRIES, INC.
Trade/Brand name: XC21 SERIES

Manufacturer responsible for the rating of this system combination is LENNOX INDUSTRIES, INC.

Rated as follows in accordance with AHRI Standard 210/240-2008 for Unitary Air-Conditioning and Air-Source Heat Pump Equipment and subject to verification of rating accuracy by AHRI-sponsored, independent, third party testing:

Cooling Capacity (Btuh):	58500
EER Rating (Cooling):	12.20
SEER Rating (Cooling):	16.50



* Ratings followed by an asterisk (*) indicate a voluntary rerate of previously published data, unless accompanied with a WAS, which indicates an involuntary rerate.

CERTIFICATE VERIFICATION
The information for the model cited on this certificate can be verified at www.ahridirectory.org, click on "Verify Certificate" link and enter the AHRI Certified Reference Number and the date on which the certificate was issued, which is listed above, and the Certificate No., which is listed below.

AHRI Air-Conditioning, Heating, and Refrigeration Institute

CERTIFICATE NO.: 129588589941256250

TOWN OF SEWALLS POINT

BUILDING DEPARTMENT - INSPECTION LOG

Date of Inspection [X] Mon [ ] Tue [ ] Wed [ ] Thur [ ] Fri 1-12-11 Page ___ of ___

PERMIT #	OWNER/ADDRESS/CONTRACTOR	INSPECTION TYPE	RESULTS	COMMENTS
9907	Crouch	A/C	Will	CAN APPROVED
	103 Henry Sewall's	Final	have $460.00	PASS
	NIS Air		per Nick	INSPECTOR

PERMIT #	OWNER/ADDRESS/CONTRACTOR	INSPECTION TYPE	RESULTS	COMMENTS
9906	Vance	Inspection		
After 10a	12 Wendy Lane	R. Plumb	PASS	
	Vance O/B	R. Elect U.G. Plumb		INSPECTOR

PERMIT #	OWNER/ADDRESS/CONTRACTOR	INSPECTION TYPE	RESULTS	COMMENTS
9809	Bauer	A/C Final		
9-1-12	105 Abbie Ct.		PASS	Close
	Stephen & Danny			INSPECTOR

PERMIT #	OWNER/ADDRESS/CONTRACTOR	INSPECTION TYPE	RESULTS	COMMENTS
9901	DEMAKARIAN	R. ELECTRIC		
	19 CASTLE HILL WAY		PASS	
	S. CONWAY			INSPECTOR

PERMIT #	OWNER/ADDRESS/CONTRACTOR	INSPECTION TYPE	RESULTS	COMMENTS
9918	Bonner	Initial		
	17 W High Point	STRAPPING &	PASS	
	Cardinal Roofing	DRY-IN		INSPECTOR

PERMIT #	OWNER/ADDRESS/CONTRACTOR	INSPECTION TYPE	RESULTS	COMMENTS
				INSPECTOR

PERMIT #	OWNER/ADDRESS/CONTRACTOR	INSPECTION TYPE	RESULTS	COMMENTS
	TENTLOGIX.COM			
	49 W. HIGH POINT			
	15 PALM RD	SKYLIGHT NO PERMIT		INSPECTOR

TREE

TOWN OF SEWALL'S POINT, FLORIDA

Date 10-13-06 ~~19~~ TREE REMOVAL PERMIT Nº 388

APPLIED FOR BY Baum (Contractor or Owner)

Owner 105 Abbie Ct

Sub-division _____, Lot _____, Block _____.

Kind of Trees Sable

No. Of Trees: REMOVE 1

No. Of Trees: RELOCATE _____ WITHIN 30 DAYS (NO FEE)

No. Of Trees: REPLACE _____ WITHIN 30 DAYS

REMARKS _____

FEE $ 0

Signed, _____ Applicant

Signed, Phil Watterson Bldg Inspector ~~Town Clerk~~

TOWN OF SEWALL'S POINT

Call 287-2455 – 8:00 A.M.-12:00 Noon for Inspectio

WORK HOURS 8:00 A.M. - 5:00 P.M.—NO SUNDAY WORK

TREE REMOVAL PERMIT

RE: ORDINANCE 103

PROJECT DESCRIPTION _____

REMARKS _____

Permit Fee:

1. Tree permits are $15.00, payable in advance.
2. Permit - No fee needed for tree which is dead, diseased, injured, hazardous to life or property, or a prohibited species. Prohibitive species include Earleaf Acacia, Woman's Tongue, Norfolk Island Pine, Bischofia, Schefflera, Ear Tree, Eucalyptus, Non-Native Ficus, Silk Oak, Chinese Tallow Tree, Java Plum, Chinaberry, Brazilian Peppers, Australian Pine, and Melaleuca and must be removed before construction begins on new single family residence (S.F.R.).

No removal permits will be issued for native species trees: Black Ironwood, Black Mangrove, Blolly, Buttonwood, Cabbage Palm, Cocoplum (red tip and green tip), Coral Bean, Deer Moss, Gray Twig, Gopher Apple, Gumbo Limbo, Inkwood, Laurel Oak, Leather Fern, Live Oak, Mahogany, Marlberry, Mastic, Mulberry, Myrtle Oak, Paradise Tree, Pigeon Plum, Pond Apple, Prickly Pear, Red Mangrove, Red Maple, Red bay, Saffron Plum, Sand Pine, Scrub Pine, Satinleaf, Saw Palmetto, Scrub Hickory, Sea Grape, Sea Oxeye, Slash Pine, Stoppers, Wild Lime, Sumac (southern), Sugar Berry (Hackberry), Torchwood, Wild Coffee, Varnish Leaf, Water Oak, Wax Myrtle, West Indian Cherry White Mangrove

Application procedures:

1. Fill out application information below to include:
   a. applicant information
   b. written statement giving reasons for removal, relocation, or replacement if necessary
   c. for a new single family resident see above.
2. Place identification tape or ribbon on each tree for clarity to inspector if necessary.
3. Inspector will visit site and review application and pass, fail or revise.
4. Permit must be picked up and on site prior to work proceeding.
5. Permits expire if work does not begin within 3 months and if activity is interrupted over 45 days.

Owner Mr. + Mrs. M. Baum **Address** 105 Abbie Ct **Phone** 220-1936

Contractor _____ **Address** _____ **Phone** _____

No. of Trees: REMOVE 1 **Type:** Sable Palm - 57½ inch Circum.

No. of Trees: RELOCATE _____ WITHIN 30 DAYS **Type:** _____

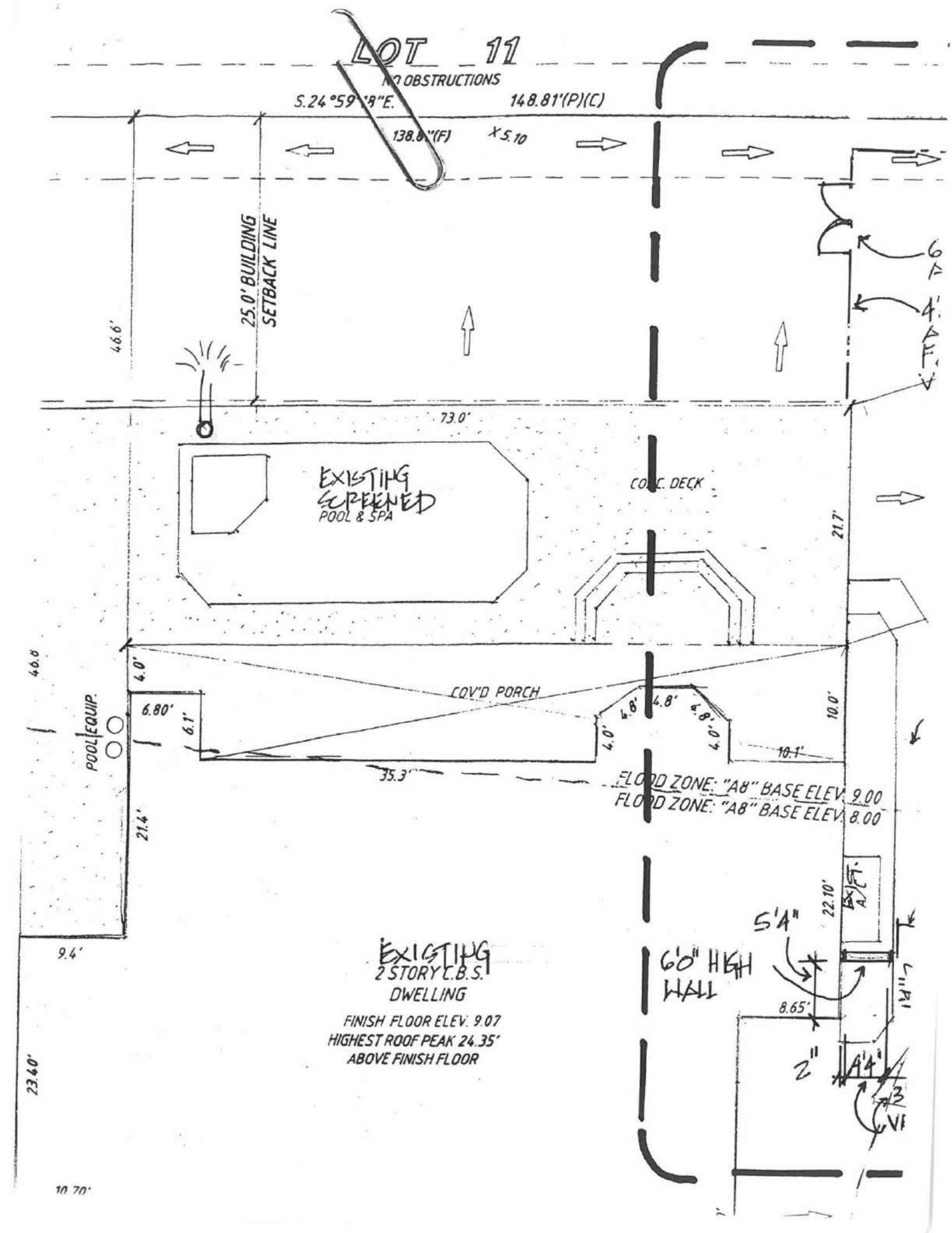
No. of Trees: REPLACE _____ WITHIN 30 DAYS **Type:** _____

Written statement giving reasons: Sheds berries on pool/spa multiple times a year that stain the deck. Costly to prune, clogs the filter. * →

Signature of Property Owner Catrina Baum / MJ Baum **Date** 10-12-06

Approved by Building Inspector: JW **Date** 10/13 **Fee:** ✓ N/A

Plans approved as submitted ✓ **Plans approved as revised/marked:** _____


LOT 11
NO OBSTRUCTIONS
S.24°59'18"E.
148.81'(P)(C)
138.6'(F)
X 5.10
25.0' BUILDING SETBACK LINE
46.6'
73.0'
EXISTING SCREENED POOL & SPA
CONC. DECK
21.7'
COV'D PORCH
4.0'
6.80'
6.1'
4.8'
4.8'
4.8'
4.0'
4.0'
10.0'
10.1'
35.3'
46.0
POOL EQUIP.
21.4'
9.4'
FLOOD ZONE: "A8" BASE ELEV. 9.00
FLOOD ZONE: "A8" BASE ELEV. 8.00
EXISTING 2 STORY C.B.S. DWELLING
FINISH FLOOR ELEV. 9.07
HIGHEST ROOF PEAK 24.35'
ABOVE FINISH FLOOR
6'0" HIGH WALL
5'4"
22.10'
8.65'
2"
4'4"
23.40'
10.70'

TOWN OF SEWALL'S POINT, FLORIDA

FILE

Date 6/29/01 19 ____ **TREE REMOVAL PERMIT** № 0459

APPLIED FOR BY FOGLIA CONTRACTING CORP (Contractor or Owner)

Owner (SAME) 105 ABBIE COURT

Sub-division SKEETER'S MEADOW, Lot 16, Block ____.

Kind of Trees SEE PLAN

No. Of Trees: REMOVE 5 INSP. 6/29/01

No. Of Trees: RELOCATE -0- WITHIN 30 DAYS (NO FEE)

No. Of Trees: REPLACE -0- WITHIN 30 DAYS

REMARKS REMOVAL INCIDENT TO CONST.

FEE $ 15.00 (RC 6/29 #3028 $15.00)

Signed, Doris Fuller Applicant

Signed, Town Clerk/BLDG OFFICIAL

TOWN OF SEWALL'S POINT

Call 287-2455 – 8:00 A.M.-12:00 Noon for Inspection

WORK HOURS 8:00 A.M. - 5:00 P.M.—NO SUNDAY WORK.

TREE REMOVAL PERMIT

RE: ORDINANCE 103

PROJECT DESCRIPTION ____

REMARKS ____

TOWN OF SEWALL'S POINT

Building Department - Inspection Log

Date of Inspection: ☐ Mon ☐ Wed ☒ Fri JUNE 29, 2001; Page 2 of 2.

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
T/R	FOGLIA	FIELD VERIFICATION	PASSED	BPN 5427 (6/29/01)
	105 ABBIE COURT			T/R PN 0459
	FOGLIA			INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

PERMIT	OWNER/ADDRESS/CONTR.	INSPECTION TYPE	RESULTS	NOTES/COMMENTS:
				INSPECTOR:

OTHER:

TOWN OF SEWALL'S POINT

APPLICATION FOR TREE REMOVAL, RELOCATION, REPLACEMENT

0459

6/29/01 FIELD INSP.

RECEIVED
MAY 25 2001
BY:

Permit # 6/29/01

105 ABBIE COURT

Date Issued

This application shall include a written statement giving reasons for removal, relocation or replacement and a site plan which shall include the dimensional location on a survey, scale drawing, or aerial photograph, superimposed with lot lines to scale, of all existing or proposed structures, improvements and site uses, location of affected trees identified with an estimated size and number, etc.

Owner FOGLIA CONTRACTING CORP Address 7428 WILES RD. CORAL SPRINGS, 33067 Phone 954-755-8808

Contractor FOGLIA CONTRACTING Address " " Phone " "

Number of trees to be removed(list kinds of trees) (4) 16"ϕ CABBAGE PALMS, (1) 14"ϕ MANGO

Number of trees to be relocated within 30 days(no fee)(list kinds of trees):

—

Number of trees to be replaced (list kinds of trees):

(4) CABBAGE, (1) MANGO

Permit Fee $ ~~($25.00 first tree plus $10.00 each additional tree not to exceed $100.00.~~ $15.00

(No permit fee for trees which are relocated on property or lie within a utility easement & are required to be removed in order to provide utility service, nor for a tree which is dead, diseased, injured or hazardous to life or property.)

Plans approved as submitted _____ Plans approved as marked ✓

Permit good for one year. Fee for renewal of expired permit is $5.00

Signature of applicant _____ Date submitted 5-21-01

Approved by Building Inspector _____ Date 6/29/01

Approved by Building Commissioner _____ Date _____

Completed _____
Date Checked by

THE FOLLOWING TREES MAY BE REMOVED OR DESTROYED WITHOUT ~~OBTAINING A PERMIT~~ FEE. BRAZILIAN PEPPER, FLORIDA HOLLY TREE, AUSTRALIAN PINE AND STRANGLER FIG. FOR THE PURPOSE OF THIS PERMIT, A TREE IS DEFINED AS ANY SELF-SUPPORTING WOODY OR FIBROUS PERENNIAL PLANT WHICH HAS A MINIMUM HEIGHT OF TWELVE (12) FEET.

THE FOLLOWING TREES MUST BE REMOVED BEFORE CONSTRUCTION BEGINS: BRAZILIAN PEPPER, FLORIDA HOLLY TREE, AUSTRALIAN PINE AND MELALEUCA?

04

TOWN OF SEWALL'S POINT BUILDING DEPARTMENT
One S. Sewall's Point Road
Sewall's Point, Florida 34996
Tel 772-287-2455 Fax 772-220-4765

TREE REMOVAL, RELOCATION, REPLACEMENT PERMIT

CALL 8:00 AM – 12:00 NOON FOR INSPECTION - WORK HOURS 8:00 AM TO 5:00 PM – NO SUNDAYS

Owner Sewall's Meadow Property Owners' Assoc. Address c/o Patricia Baum, Secretary 105 Abbie Ct. Phone 220-1436

Contractor Tony's Tree Service Address P.O. Box 8123 Hobe Sound Phone 772-546-0211

No. of Trees: REMOVE 7 Species: Brazilian Pepper-tree

No. of Trees: RELOCATE _____ Species: _____

No. of Trees: REPLACE _____ Species: _____

ANY TREE TO BE RELOCATED OR REPLACED MUST OCCUR WITHIN 30 DAYS AND REQUIRES A FINAL INSPECTION

Reason for tree removal /relocation (See notice above) Non-native, invasive

Signature of Property Owner Patricia Baum Date 8-14-09

==========

Approved by Building Inspector: [signature] Date 8.18.09 Fee: N/C

NOTES: 5 trees are on common property. 2 are on 105 Henry Sewall's Way behind the wall. I've tied red ribbons on the branches to identify their location.

SKETCH: