

CERTIFICATION IN LIEU OF OATH

I. OWNER SECTION (to be completed if the applicant is the owner in fee)

I hereby certify that I am the owner in fee of the property listed on Page 1.

Mark the following applicable boxes:

- A. ☒ I further certify that a new home (private residence) will be constructed on this property for my own use and occupancy. This dwelling is to be occupied by myself and is not to be used for any purpose other than single family residential use. I attest that all construction, plumbing, or electrical work will be done, in whole or in part, by me or by subcontractors under my supervision, in accordance with all applicable laws; and, I further acknowledge that said new home is not covered under the New Home Warranty and Builders Registration Act (N.J.S.A. 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

I UNDERSTAND THAT IN MARKING BOX A, I ACKNOWLEDGE THAT I AM ASSUMING RESPONSIBILITY FOR THE WORK DONE ON SAID PROPERTY, THE CONDITION OF THE PROPERTY PRIOR TO, DURING, AND AFTER ANY WORK PERFORMED, AND FOR THE PERFORMANCE OF THE SUBCONTRACTORS I HIRE, EMPLOY, OR OTHERWISE CONTRACT OR WITH WHOM I MAKE AGREEMENTS TO PERFORM WORK. I AM VOLUNTARILY AND KNOWINGLY ASSUMING THIS RESPONSIBILITY.

- B. ☐ I further certify the following as required by the New Jersey Uniform Construction Code, N.J.A.C. 5:23-2.15(e)1.vii:

I personally prepared the plans submitted for: 1) the new home referred to in A.; or, 2) an addition, alteration, renovation, or repair to an existing single family residence owned and occupied by myself and located on the property listed on Page 1; or, 3) a new structure that will be physically separate from, but that will be deemed part of, an existing single family residence that is owned and occupied by myself and located on the property listed on Page 1.

- C. ☒ I further certify that I will perform or supervise the following work:

C.1. ☒ Building C.2. ☒ Fire Protection

I further certify that I will perform the following work:

C.3. ☒ Electrical C.4. ☒ Plumbing

- D. ☒ I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I understand that if any of the above statements are willfully false, I am subject to punishment.

Signature

Stephen J. Hume

Date

9/07/01

II. AGENT SECTION (to be completed if the applicant is not the owner in fee)

I hereby certify the following as required by the Uniform Construction Code, N.J.A.C. 5:32-2.15(d): the proposed work is authorized by the owner in fee; and I have been authorized by the owner in fee to make this application as his agent.

I further certify the following as required by the Uniform Construction Code, N.J.A.C. 5:23-2.15(a)5: All required State, county, and local prior approvals have been given, including such certification as the construction official may require.

I agree to advise all contractors on this project that they are required to be registered with the New Jersey Division of Taxation and to comply with all New Jersey tax laws.

I understand that if any of the above statements are willfully false, I am subject to punishment.

☐ Check if contractor.

Agent Name

Address

Telephone ()

Signature

III. ☐ LEAD HAZARD ABATEMENT: Include Homeowner or Building Owner Affidavit as per N.J.A.C. 5:17.

OFFICE DATE RECEIVED: _____

VIII. PRIOR APPROVALS CHECKLIST (office use only)	LOCAL APPROVAL		COUNTY APPROVAL		REGIONAL APPROVAL		STATE APPROVAL		COMMENTS
	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	Prelimin. Initial	Final Date	
☐ Zoning Officer									
☐ Planning Board									
☐ Zoning Board									
☐ Sewer Authority									
☐ Water Authority									
☐ Police Department									
☐ Health Department									
☐ Soil Conservation									
☐ N.J. Department of Community Affairs									
☐ N.J. Department of Transportation									
☐ N.J. Department of Environmental Protection									
☐ Utility Dig No.									
☐									
☐									

IMPORTANT
A.H.B.T. - EXEMPT

IX. SUBCODES AND SPECIAL REGULATIONS APPLICABLE (office use only—optional)

Name of Code & Edition	Name of Code & Edition	Other
Building _____	Energy _____	Other _____
Electrical _____	Barrier Free _____	
Plumbing _____	Flood Hazard _____	
Fire Protection _____	As Built Elevation Cert. _____	
Mechanical _____	Other _____	

X. CERTIFICATES ISSUED (office use only)

	DATE ISSUED	DATE EXPIRED	DATE REISSUED	DATE EXPIRED
☐ Temporary Certificate of Occupancy	No. _____	_____	_____	_____
☐ Temporary Certificate of Compliance	No. _____	_____	_____	_____
☐ Continued Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Compliance	No. _____	_____	_____	_____
☐ Certificate of Occupancy	No. _____	_____	_____	_____
☐ Certificate of Approval	No. _____	_____	_____	_____
☐ Lead Abatement Clearance Certificate	No. _____	_____	_____	_____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 02/10/2003
Control #
Permit # 01-4166.2

UCC NEW JERSEY
CERTIFICATE

IDENTIFICATION

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD
S F DWELLING/BASEMENT/FRP
Owner in Fee/Occupant HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
PT PIFASANT, NJ 08742-
Telephone
Contractor HOME OWNERS
Address
Telephone () Fax ()
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. HQ-

Home Warranty No. N/A
Type of Warranty Plan: [] State [X] Private
Use Group R-3
Maximum Live Load 0
Construction Classification
Maximum Occupancy Load 0
Description of Work/Use:

S F DWELLING/BASEMENT/CHAIN LINK FENCE/1 G POOL/3
FIREPLACES

[X] CERTIFICATE OF OCCUPANCY

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

[] CERTIFICATE OF CLEARANCE - LEAD ABATEMENT 5:17

This serves notice that based on written certification, lead abatement was performed as per NMAC 5:17, to the following extent:

[] Total removal of lead-based paint hazards in scope of work
[] Partial or limited time period () years; see file

[] CERTIFICATE OF APPROVAL

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved.

If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

[] CERTIFICATE OF CONTINUED OCCUPANCY

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

[] TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

If this is a Temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than , or the owner will be subject to fine or order to vacate:

[] CERTIFICATE OF COMPLIANCE

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until , .

Fee \$ 345
Paid [X] Check No. 1828
Collected by: ERP

CONSTRUCTION OFFICIAL
U.C.C. F260 (rev. 3/96)

James P. Lawrence

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 02/10/2003
Control #
Permit # 01-4166.2

IDENTIFICATION

UCC NEW JERSEY
CERTIFICATE

Block 1385.08 Lot 5
Work Site Location 618 TURKEY POINT RD
S F DWELLING/BASEMENT/FRP
Owner in Fee/Occupant HASSE, STEPHEN & REBECCA
Address 916 OCEAN RD
PT PLEASANT, NJ 08742-
Telephone
Contractor HOMEOWNER
Address
Telephone
Fax
Lic. No. or Bids. Reg. No.
Federal Emp. No. HQ-

Home Warranty No. N/A
Type of Warranty Plans [] State [X] Private
Use Group R-3
Maximum Live Load 0
Construction Classification
Maximum Occupancy Load 0
Description of Work/Use:

S F DWELLING/BASEMENT/CHAIN LINK FENCE/1 G POOL/3
FIREPLACES

[X] CERTIFICATE OF OCCUPANCY

This serves notice that said building or structure has been constructed in accordance with the New Jersey Uniform Construction Code and is approved for occupancy.

[] CERTIFICATE OF CLEARANCE - LEAD ABATEMENT 5:17

This serves notice that based on written certification, lead abatement was performed as per NJAC 5:17, to the following extent:

[] Total removal of lead-based paint hazards in scope of work
[] Partial or limited time period () years; see file

[] CERTIFICATE OF APPROVAL

This serves notice that the work completed has been constructed or installed in accordance with the New Jersey Uniform Construction Code and is approved.

If the permit was issued for minor work, this certificate was based upon what was visible at the time of inspection.

[] CERTIFICATE OF CONTINUED OCCUPANCY

This serves notice that based on a general inspection of the visible parts of the building there are no imminent hazards and the building is approved for continued occupancy.

[] TEMPORARY CERTIFICATE OF OCCUPANCY/COMPLIANCE

If this is a Temporary Certificate of Occupancy or Compliance, the following conditions must be met no later than or the owner will be subject to fine or order to vacate:

[] CERTIFICATE OF COMPLIANCE

This serves notice that said potentially hazardous equipment has been installed and/or maintained in accordance with the New Jersey Uniform Construction Code and is approved for use until .

CONSTRUCTION OFFICIAL
U.C.C. F260 (REV. 3/96)

James P. Hurney

Fee \$ 345
Paid [X] Check No. 1828
Collected by: ERP



APPLICATION FOR CERTIFICATE

Date Received
Date Permit Issued
Control #
Permit #
Date Issued

IDENTIFICATION

Block 1385-08 Lot #5
Work Site Location 618 Turkey Point Rd
Owner in Fee Stephen J. Hays
Address 816 Ocean Rd
Pt Pleasant NJ
Tel. [REDACTED]

Contractor _____
Address _____
Tel. (____) _____
License No. _____
Federal Employee No. _____

ACTION

- ☐ CERTIFICATE OF OCCUPANCY
☐ CERTIFICATE OF CONTINUED OCCUPANCY
☐ LEAD HAZARD ABATEMENT CERTIFICATE OF CLEARANCE
☒ TEMPORARY CERTIFICATE OF OCCUPANCY

USE GROUP _____ Previous _____ Current _____

FINAL COST OF CONSTRUCTION: \$ 410,000.00

(Include value of any new structure, all on-site improvements, built-in furnishings and fixtures and all integral equipment exclusive of process or manufacturing equipment.)

A set of "As Built" or amended drawings is required if the building or structure deviates from the approved plans filed with the construction permit. Use space below to describe any deviations from approved plans:

If you are requesting a Temporary Certificate of Occupancy, please explain why in the space below.

Can not complete grading around pool. Can not put in final driveway because trucks still need to get into yard to complete pool. I am having legal problems with pool contractor. Can not seed due to drought.

DESCRIPTION OF WORK/USE:

I hereby attest, that to the best of my knowledge, all work has been completed in accordance with the approved plans, permit, and Regulations. Incomplete items listed on a Temporary Certificate of Occupancy will be completed by the date on the Certificate

SIGNED: _____

OWNER/AGENT

☒ OWNER
☐ AGENT

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Date Issued 11/13/2001
Control #
Permit # 01-9166

UCC NEW JERSEY
CONSTRUCTION
PERMITE

IDENTIFICATION Block 1853.00 Lot 5

Work Site Location 610 TURNEY POINT RD
Owner to Fee HASSE, STEPHEN & REBECCA
Address 616 OCEAN RD
PT PLEASANT, NJ 08742-
Telephone
Contractor HONEO HERR
Address
Telephone
Lic. No. or Bldg. Reg. No.
Federal Exp. No. 80-

Is hereby granted permission to perform the following work:

- (X) BUILDINGS (X) LEAD HAZARD ABATEMENT
(X) ELECTRICAL (X) FIRE PROTECTION (X) DEMOLITION
() ELEVATOR DEVICES () ASBESTOS ABATEMENT () OTHER
(Subchapter 8 only)

DESCRIPTION OF WORK:
S F BELLING/BASEMENT/CHIMNEY FENCE/1 S FOM/3 WOODBORN AND 1 GAS
FIREPLACES

NOTE: If construction does not commence within one (1) year of date of issuance,
or if construction ceases for a period of six (6) months, this permit is void.

Estimated Cost of Work \$ 296,000

Construction Official

11/13/2001

U.C.C. F170 (rev. 3/76)

Date

PAYMENTS (Office Use Only)

Building 2,122
Electrical 229
Plumbing 483
Fire Protection 462
Elevator Devices 0
Other
PCA Training Fee 134
Certificate of Occupancy 345
Other 2,122
Total 3,795
Check No. 1003
Cash
Collected By EMP

11/13/01 10:30AM 00000048064

XX07 SERV.007

DCA \$136.00
C/D \$345.00
ZPA \$15.00
EPA \$10.00
XXXTOTAL \$395.00
CHECK \$3000.00
CHECK \$959.00
CHANGE \$0.00

11/13/01 10:30AM 00000048064

XX07 SERV.007

#014166
BUILDING \$2122.00
ELECTRIC \$229.00
PLUMBING \$462.00
FIRE \$462.00

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PERMIT UPDATE

Update Issued 09/23/2002
Control # 01-4166+C
Permit # 11/13/2002

IDENTIFICATION Block 1385.08 Lot 5 Qual _____

Work Site Location 618 TURKEY POINT RD DECK SIZE CHANGED

Owner in Fee HASSE, STEPHEN & REBECCA

Address 816 OCEAN RD

Telephone _____

Contractor HOMEOWNER

Address _____

Telephone () _____

Lic. No. or Bldgs. Reg. No. _____

Federal Emp. No. HO- _____

Is hereby granted permission to perform the following work:

☒ BUILDING ☐ PLUMBING ☐ LEAD HAZARD ABATEMENT

☐ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION

☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER _____

(Subchapter 8 only)

DESCRIPTION OF WORK:

DECK SIZE CHANGED FROM ORIGINAL PLANS - NO CHANGE TO FOOTING SPECS THAT WERE ORIGINALLY APPROVED

Estimated Cost of Work \$ 10

Construction Official

09/23/2002

U.C.C. F130 (rev. 3/96)

P. Meerman Jr. / JRP

PAYMENTS (Office Use Only)

Building 35

Electrical 0

Plumbing 0

Fire Protection 0

Elevator Devices 0

Other _____

DCA State Permit Fee 0

Cert. of Occupancy 0

Other 15

Total 50

Check No. 2610

Collected By AJP

TOWNSHIP OF BRICK
401 CHANDLER DRIVE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PERMIT UPDATE

Update Issued 03/27/2002
Control #
Permit # 01-9166+A
Permit Issued 11/13/2001

IDENTIFICATION Block 1385.08 Lot 5

Area 1

Work Site Location AIR TURKEY POINT RD

CONR PIS/ALARM DEV/SMOKE

Owner In Fee WISSE, STEPHEN & REBECCA

Address 816 GREEN RD

PT PLEASANT, NJ 08742-

Telephone

Contractor CUSTOM ELECTRONIC SYSTEMS

Address 11 ALPINE DR

BRICK, NJ 08723-

Telephone (732) 477-8100

Lic. No. or Bldgs. Reg. No.

Federal Emp. No.

I hereby granted permission to perform the following work:

- ☐ BUILDING ☐ LEAD HAZARD ASSESSMENT
- ☐ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
- ☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER

(See Chapter 8 only)

DESCRIPTION OF WORK:

ALARM DEVICE/MUSIC, PHONE & CABLE COMMUNICATION POINTS

Estimated Cost of Work \$ 4,000

Construction Official

03/27/2002

Date

U.C.C. F190 (rev. 3/96)

PAYMENTS (Office Use Only)

Building	0
Electrical	35
Plumbing	0
Fire Protection	35
Elevator Devices	0
Other	0
DCG Training Fee	3
Cert. of Occupancy	0
Other	0
Total	73
Check No.	1348
Cash	
Collected By	ERP

6/27/02 12:28PM BRICK00000418

NOV 27 2007

NOV 27 2007
ELECTRIC 335.00
FIRE 335.00
DCG 65.00
CHECK 675.00

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

Update Issued 04/16/2002
Control #
Permit # 01-4166+8
Permit Issued 11/13/2001

WCC NEW JERSEY
PERMIT UPDATE

IDENTIFICATION Block 1385.09 Lot 5

(See)

Work Site Location 618 TURKEY POINT RD

AUX METER

Contractor H O N E O W N E R

Address

Owner in Fee HASSE, STEPHEN & REBECCA

Address 816 OCEAN RD

ET OF EACONT AT 10722-

Telephone ()

Lic. No. or Bldrs. Reg. No.

Federal Emp. No. HQ-

Telephone

Is hereby granted permission to perform the following work:

- ☐ BUILDING ☒ PLUMBING ☐ LEAD HAZARD ABATEMENT
☐ ELECTRICAL ☐ FIRE PROTECTION ☐ DEMOLITION
☐ ELEVATOR DEVICES ☐ ASBESTOS ABATEMENT ☐ OTHER

(Subchapter 8 only)

DESCRIPTION OF WORK:

AUX METER

PAYMENTS (Office Use Only)

Building 0
Electrical 0
Plumbing 15
Fire Protection 0
Elevator Devices 0
Other 0
DCA Training Fee 0
Cert. of Occupancy 0
Other 0
Total 15
Check No. 144
Cash
Collected By AIR

04/16/02 11:25AM 00000000915
#4166
PLUMBING
CHECK \$15.00
\$15.00

Estimated Cost of Work \$ 200

B. J. J. J.
Construction Official

04/16/2002

Date

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/13/2001
Control #
Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE, CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD
S F DWELLING/BASEMENT/FRP

Owner in Fee HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
PT. PLEASANT, NJ 08142-

Tele [REDACTED]
Contractor CUSTOM ELECTRONIC SYSTEMS
Address 11 ALCALA DR
BRICK, NJ 08723-

Tele (732) 477-8100
Lic. No. or Bldgs. Reg. No.
Federal Emp. No.

B. FIRE PROTECTION CHARACTERISTICS
Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems [X] New [] Existing [] HVAC
Type: [X] Gas [] Oil [] Elect [] Solar

Location: BASEMENT/ATTIC
Total Est Cost of Fire Prot Work \$ 8,500

INSPECTIONS
Type Alarm Sys
Failure Failure Approval Initial

Suppr Test
Standpipe
Fire Pump
PreEng Sys
Mechanical
Smoke Ctl

TCO
Final
Other

Approved By: [Signature]
Date: 8-17-02

C. CERTIFICATION
I hereby certify that I am the (agent of) owner of record and am authorized
to make this application.

D. TECHNICAL SITE DATA
Description of Work:
Water Supply Source
Method of Alarm/Suppr Sys Superv

Storage Tanks
Type: [] Flammable Liquid [] Combust Liquid
[] LPG [] LNG Capacity 0 Fuel
Alarm Systems [] 110V Interconnected NUMBER

Alarm Devices (smoke, heat, pulls, water/flow) 12
Supervisory Devices (tamper, low/high air) 0
Signalling Devices (horn/strobes, bells) 0
Other Devices 0
TOTAL 12

Suppression Systems
Fire Pump 0 GPM Type
Dry Pipe/Alarm Valves 0
Pre-action Valves 0
Sprinkler Heads (Dry and Wet) 0
Standpipes 0
Pre-Engineered Systems 0
Wet Chemical 0
Dry Chemical 0
CO2 Suppression 0
Foam Suppression 0
Halon Suppression 0
Other 0

Kitchen Hood Exhaust System 0
Smoke Control System 0
Gas [X] or Oil [] Fired Appliances 2
Other 4 FURNACES 184
Other 1 GAS/3WOOD FRPL 151

Paid [X] Check # 1828 Administrative Surcharge \$ 0
Collected by: ERP Minimum Fee \$ 0
TOTAL FEE \$ 462
DCA Training Fee \$ 0

Signature

U.C.C. F140 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/13/2001
Control #
Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1099

Block 1385.08 Lot 5

Work Site Location 618 TURKEY POINT RD

S F DWELLING/BASMENT/FRP

Owner in Fee HASSE, STEPHEN & REBECCA

Address 316 OCEAN RD

PT PLEASANT, NJ 08742-

Contractor CUSTON ELECTRONIC SYSTEMS

Address 11 ALCALA DR.

BRICK, NJ 08721-

Tele. (732)477-8100

Lic. No. or Bldg. No.

Federal Emp. No.

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3

Construction Class Present Proposed

Heating Systems (X) New () Existing () HVAC

Type: (X) Gas () Oil () Electric () Solar

() Other

Location: BASEMENT/ATTIC

Total Est Cost of Fire Prot Work \$ 8,500

JOB SUMMARY (Office Use Only)
PLAN REVIEW

() No Plans Required

Joint Plan Review Required:

() Bldg () Elevator

() Fire Plans Approved

Date:

Approved By:

SUBCODE APPROVAL

() CO () GCO () CA

Date:

Approved By:

Other

INSPECTIONS
Type Dates (Month/Day)
Failure Failure Approval Initial

Alarm Sys

Supper Test

Standpipe

Fire Pump

Prefrig Sys

Mechanical

Smoke Ctl

TCO

Final

Other

D. TECHNICAL SITE DATA

Description of Work:

Water Supply Source

Method of Alarm/Suppr Sys Superv

Storage Tanks

Type: () Flammable Liquid () Combust Liquid

() LPG () LNG Capacity () Fuel

Alarm Systems () Interconnected NUMBER

() System

Alarm Devices (smoke, heat, pulls, water/flow) 12

Supervisory Devices (tamper, low/high air) 0

Signalling Devices (horn/strobes, bells) 0

Other Devices 0

TOTAL 12

Suppression Systems

Fire Pump 0 GPM Type 0

Dry Pipe/Alarm Valves 0

Pre-action Valves 0

Sprinkler Heads (Dry and Wet) 0

Standpipes 0

Pre-Engineered Systems

Wet Chemical 0

Dry Chemical 0

CO2 Suppression 0

Foam Suppression 0

Halon Suppression 0

Other 0

Kitchen Hood Exhaust System 0

Smoke Control System 0

Gas (X) or Oil () Fired Appliances 2

other 4 FORNACES 184

other 1GAS/3FOOD FRPL 131

FEE (Office Use Only)

Paid (X) Check \$ 1322
Collected by: BPP
Administrative Surcharge \$ 0
Minimum Fee \$ 0
TOTAL FEE \$ 462
DCA Training Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 03/12/2002
Date Issued 01/01/1994
Control #
Permit # 01-4166+A
3/27/02

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE, CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 Lot 5 Qual

Work Site Location 618 TURKEY POINT RD

COMM PTS/ALARM DEV/SMOKE

Owner in Fee HASSER, STEPHEN & REBECCA

Address 816 OCEAN RD

PT PLASANT, NJ 08742-

Tele. () ax ()

Contractor CUSTOM ELECTRONIC SYSTEMS

Address 11 ALCALA DR

BRICK, NJ 08723-

Tele. (732) 477-8100

Lic. No. or Bldr

Federal Emp. No.

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3

Constr Class Present Proposed

Heating Systems [] New [] Existing [] HVAC

Type: [] Gas [] Oil [] Elect [] Solar

[] Other

Location:

Total Est Cost of Fire Prot Work \$ 1,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

Joint Plan Review Required:

[] No Plans Required

[] Blgd [] Elect

[] Plumb [] Elevator

[] Fire Plans Approved

Date: 3-15-02

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO

Date: 3-4-02

Approved By: [Signature]

INSPECTIONS

Type

Alarm Sys

Suppr Test

Standpipe

Fire Pump

PreEng Sys

Mechanical

Smoke Ctl

TCO

Final

Other

Dates (Month/Day)

Failure Approval Initial

9-4-02

9-4-02

9-4-02

9-4-02

9-4-02

9-4-02

9-4-02

9-4-02

9-4-02

9-4-02

D. TECHNICAL SITE DATA

Description of Work:

Water Supply Source

Method of Alarm/Suppr Sys Superv

Storage Tanks

Type: [] Flammable Liquid [] Combust Liquid

[] LPG [] LNG Capacity 0 Fuel

Alarm Systems [] 110V Interconnected NUMBER

[] System

Alarm Devices (smoke, heat, pulls, water/flow)

Supervisory Devices (tamper, low/high air)

Signalling Devices (horn/strobes, bells)

Other Devices

TOTAL

Suppression Systems

Fire Pump 0 GPM Type

Dry Pipe/Alarm Valves

Pre-action Valves

Sprinkler Heads (Dry and Wet)

Standpipes

Pre-Engineered Systems

Wet Chemical

Dry Chemical

CO2 Suppression

Foam Suppression

Halon Suppression

Other

Kitchen Hood Exhaust System

Smoke Control System

Gas [] or Oil [] Fired Appliances

Other

Other

FEE (Office Use Only)

Paid [] Check \$

Collected by:

Administrative Surcharge \$

Minimum Fee \$

TOTAL FEE \$

DCA Training Fee \$

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 03/12/2002
Date Issued 01/01/1954
Control #
Permit # 01-4166+A 3/8/02

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.03 Lot 5 Quad
Work Site Location 618 TURKEY POINT RD
COMM PT/ALARM DEV/SMOKE

Owner in Fee HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
OR DIVISION HI 08729

Contractor CUSTOM ELECTRONIC SYSTEMS
Address 11 ALCALA DR
BRICK, NJ 08723

Tele. 732/477-8106
Lic. No. or Bldgs. Reg. No.
Federal Emp. No.

B. FIRE PROTECTION CHARACTERISTICS
Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems [] New [] Existing [] HVAC
Type: [] Gas [] Oil [] Elect [] Solar
[] Other
Location:
Total Est Cost of Fire Prot Work \$ 1,000

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Elect
[] Plumb [] Elevator
[] Fire Plans Approved
Date: 3/5/02
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date:
Approved By:

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized
to make this application

D. TECHNICAL SITE DATA

Description of Work:
Water Supply Source
Method of Alarm/Suppr Sys Superv

Storage Tanks
Type: [] Flammable Liquid [] Combust. Liquid
[] LPG [] LNG Capacity 0 Fuel
Alarm Systems [] 110V Interconnected NUMBER

Alarm Devices/Smoke, heat, pulls, water/flow
Supervisory Devices (tamper, low/high air)
Signalling Devices (horn/strobes, bells)
Other Devices
TOTAL

Suppression Systems
Fire Pump 0 GPM Type
Dry Pipe/Alarm Valves
Pre-action Valves
Sprinkler Heads (Dry and Wet)
Standpipes
Pre-Engineered Systems
Wet Chemical
Dry Chemical
CO2 Suppression
Foam Suppression
Halon Suppression
Other

Kitchen Hood Exhaust System
Smoke Control System
Gas [] or Oil [] Fired Appliances
Other
Other

Paid [] Check \$
Collected by: DCA Training Fee
Administrative Surcharge
Minimum Fee
TOTAL FEE
DCA Training Fee

FEE (Office Use Only)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/1/2001
Control # 613-85
Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION WHEN CHANGING

CONTRACTORS: NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000
Block 1385.08 Lot 5 Quad
Work Site Location 618 TURKEY POINT RD
S.F. DWELLING/BASEMENT/FRP
Owner in fee HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
PI PLEASANT, NJ 08742-
Tele. () Fax ()
Contractor
Address
Tele. ()
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. HO-

D. TECHNICAL SITE DATA

Description of Work:
Water Supply Source
Method of Alarm/Suppr Sys Superv
Storage Tanks
Type: [] Flammable liquid [] Combust liquid
[] LPG [] LNG Capacity 0 Fuel
Alarm Systems [] 110V Interconnected NUMBER
[] System
Alarm Devices (smoke, heat, pulls, water/flood) 12
Supervisory Devices (tamper, low/high air) 0
Signalling Devices (horn/strobes, bells) 0
Other Devices 0
TOTAL 12
Suppression Systems
Fire Pump 0 GPM Type
Dry Pipe/Alarm Valves 0
Pre-action Valves 0
Sprinkler Heads (Dry and Wet) 0
Standpipes 0
Pre-Engineered Systems
Wet Chemical 0
Dry Chemical 0
CO2 Suppression 0
Foam Suppression 0
Halon Suppression 0
Other 0
Kitchen Hood Exhaust System 0
Smoke Control System 0
Gas [X] or Oil [] Fired Appliances 92
other 4 FURNACES 184
other GAS/WOOD FRPL 151

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems [X] New [] Existing [] HVAC
Type: [X] Gas [] Oil [] Elect [] Solar
[] Other
Location: BASEMENT/ATTIC
Total Est Cost of Fire Prot Work \$ 8,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Elect
[] Plumb [] Elevator
Date: 10-15-01
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date:
Approved By:

INSPECTIONS, Dates (Month/Day)
Type Failure Failure Approval Initial
Alarm Sys
Suppr Test
Standpipe
Fire Pump
Fire Pump
Fire Suppr Sys
Mechanical
Smoke Ctl
TCO
Final
Other

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Administrative Surcharge \$ 0
Paid [] Check # Minimum Fee \$ 0
Collected by: TOTAL FEE \$ 462
DCA Training Fee \$ 0

Signature

UCC 613-85 (Rev. 7/04)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
FIRE PROTECTION
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/13/01
Control # 01-4166
Permit #

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD
S.E. DWELLING/BASEMENT/FRP
Owner in Fee HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
PT PLEASANT, NJ 08742-
Tele. () Fax ()
Contractor
Address
Tele. ()
Lic. No. or Bldgs. Reg. No.
Federal Emp. No. NO-

B. FIRE PROTECTION CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Constr Class Present Proposed
Heating Systems (X) New [] Existing [] HVAC
Type: (X) Gas [] Oil [] Elect [] Solar
[] Other
Location: BASEMENT/ATTIC
Total Est Cost of Fire Prot Work \$ 8,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Elect
[] Plumb [] Elevator
Fire Plans Approved
Date: 10-15-01
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date:
Approved By:

INSPECTIONS

Type Alarm Sys
Failure Failure Approval Initial
Dates (Month/Day)
Type
Suppr Test
Standpipe
Fire Pump
Preling Sys
Mechanical
Smoke Ctl
ICO
Final
Other

D. TECHNICAL SITE DATA

Description of Work:
Water Supply Source
Method of Alarm/Suppr Sys Superv

Storage Tanks

Type: [] Flammable Liquid [] Combust Liquid
[] LPG [] LNE Capacity 0 Fuel
Alarm Systems [] 110v Interconnected NUMBER
[] System

FEE (Office Use Only)

Alarm Devices (smoke, heat, pull, water/flow) 12
Supervisory Devices (tamper, low/high air) 0
Signalling Devices (horn/strobes, bells) 0
Other Devices 0
TOTAL 12

Suppression Systems

Fire Pump 0 GPM Type 0
Dry Pipe/Alarm Valves 0
Pre-action Valves 0
Sprinkler Heads (Dry and Wet) 0
Standpipes 0
Pre-Engineered Systems 0
Wet Chemical 0
Dry Chemical 0
CO2 Suppression 0
Foam Suppression 0
Halon Suppression 0
Other 0

Kitchen Hood Exhaust System 0
Smoke Control System 0
Gas (X) or Oil [] Fired Appliances 2
Other 4 FURNACES 184
Other 1662/3000 FRPL 151

Paid [] Check \$
Collected by: Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 462
OCA Training Fee \$

Signature

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE

TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/13/2001
Control #
Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE, CALL UTILITY DIG NO: 1-800-272-1000

D. TECHNICAL SITE DATA (List all fixtures.)

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD
S F DWELLING/BASEMENT/FRP
Owner in Fee HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
PT PIRASANT NJ 08142-
Tele () Fax ()
Contractor ROSARIO ALO
Address 33 MONMOUTH AVE
MIDDLETOWN, NJ 07748-
Tele. (732) 495-6611
Lic. No. or Bldgs. Dec No. 0912
Federal Emp. No. [REDACTED]

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3
Building Sewer Size [] Public Sewer [] Private Septic
Water Sewer Size [] Public Water [] Private Well
Estimated Cost of Plumbing Work \$ 20,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required
Joint Plan Review Required:

[] Bldg [] Elect
[] Fire [] Elevator
[] Plumb. Plans Approved

Date:
Approved By: [REDACTED]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Approved By: [REDACTED]
Date: 0-25-02

INSPECTIONS
Type Failure Failure Approval Initial
Slab
Rough 2-8-02 3/11/02
Water
Sewer 9/21/02 10/23/02
Fixtures 9/21/02 10/23/02
Gas Equip. 9/21/02 10/23/02
Gas Piping 3-8-02
Solar
TCO
Paid (X) Check # 1828
Collected by: ERP
DCA Training Fee \$

NO.

FIXTURE/EQUIPMENT

FEE (Office Use Only)

Water Closet	40
Urinal / Bidet	0
Bath Tub	30
Lavatory	60
Shower	10
Floor Drain	20
Sink	40
Dishwasher	10
Drinking Fountain	0
Washing Machine	10
Hose Bib	40
Water Heater	35
Fuel Oil Piping	0
Gas Piping	25
Steam Boiler	0
Hot Water Boiler	0
Sewer Pump	35
Interceptor / Separator	0
Backflow Preventer	140
Greasetrap	0
Sewer Connection	0
Water Service Connection	0
Stacks	0
Other 4 A/C	140
Other	0

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized
to make this application and perform the work listed on this application.

Signature/Contractor Seal
[] Licensed Plumbing Contractor [] Exempt Applicant

TECHNICAT SECTION
BARCODE
BITUMING
NCC NEW JERSEY

Permit # 01-4100
Control #
Date Issued 11/13/2001
Date Received 02/15/2001

3-8-02

Vent. type

Thank you very much

F P 2nd P

Div. 2 #20 011

4-2-02

Update needed

8/2/22

0-01544681-1 NOT INSTALLED

2- BODS IN KIT. IN COMPLETE

③ Master Bath - old fixtures installed ✓

④ Culture: *W. K. Jones* *Chesapeake*

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
 Date Issued 11/13/2001
 Control #
 Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

D. TECHNICAL SITE DATA (List all fixtures.)

Block 1385.08 Lot 5 Qual
 Work Site Location 618 TURKEY POINT RD
 S F DWELLING/BASEMENT/FRP

NO. FEE (Office Use Only)

Owner in Fee HASSE, STEPHEN & REBECCA
 Address 816 OCEAN RD
 PT PLEASANT, NJ 08142-

Contractor ROSARIO ALO
 Address 33 MONMOUTH AVE
 MIDDLETOWN, NJ 07748-

Telephone (732) 495-5611
 Lic. No. or Bldgs. Reg. No. 9912
 Federal Emp. No.

B. PLUMBING CHARACTERISTICS
 Use Group Present R-1 Proposed R-3

Building Sewer Size [] Public Sewer [] Private Septic
 Water Sewer Size [] Public Water [] Private Well
 Estimated Cost of Plumbing Work \$ 20,000

JOB SUMMARY (Office Use Only)
 PLAN REVIEW
 [] No Plans Required
 Joint Plan Review Required:

[] Bldg [] Elect
 [] Fire [] Elevator
 [] Plumb. Plans Approved
 Date:

Approved By:
 SUBCODE APPROVAL
 [] CO [] CCO [] CA
 Approved By:
 Date:

C. CERTIFICATION IN LIEU OF OATH
 I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Signature/Contractor Seal
 [] Licensed Plumbing Contractor [] Exempt Applicant

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
4	Water Closet	40
0	Urinal / Bidet	0
3	Bath Tub	30
6	Lavatory	60
1	Shower	10
2	Floor Drain	20
4	Sink	40
1	Dishwasher	10
0	Drinking Fountain	0
1	Washing Machine	10
4	Hose Bib	40
1	Water Heater	35
0	Fuel Oil Piping	0
1	Gas Piping	25
0	Steam Boiler	0
0	Hot Water Boiler	0
1	Sewer Pump	35
0	Interceptor / Separator	0
4	Backflow Preventer	140
0	Greasetrap	0
0	Sewer Connection	0
0	Water Service Connection	0
0	Stacks	0
0	Other 4 A/C	140
0	Other	0

Paid [X] Check # 1828
 Collected by: ERP
 Administrative Surcharge \$ 0
 Minimum Fee \$ 0
 TOTAL FEE \$ 635
 DCA Training Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 9/11/01
Control # 613-85
Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION WHEN CHANGING
CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 Lot 5 Parcel
Work Site Location 618 TURKEY POINT RD

S F DWELLING/BASEMENT/PRP

Owner in Fee HASSE, STEPHEN & REBECCA

Address 816 OCEAN RD

PT PLASANT, NJ 08742-

Te [REDACTED] Fax [REDACTED]

Contractor STEPHEN J HASSE

Address 816 OCEAN RD

PT PLASANT, NJ 08742-

Tele. (732) 285-9551

Lic. No. of Bldgs [REDACTED]

Federal Emp. No. [REDACTED]

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3

Building Sewer Size [REDACTED] [] Public Sewer [] Private Septic

Water Sewer Size [REDACTED] [] Public Water [] Private Well

Estimated Cost of Plumbing Work \$ 20,000

C. CERTIFICATION (Office Use Only)

PLAN REVIEW

[] No Plans Required

Joint Plan Review Required:

[] Bldg [] Elect

[] Fire [] Elevator

[] Fund. Plans Approved

Date: 8-01

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CC [] CA

Approved By: [Signature]

Date: 8-3-02

INSPECTIONS
Type Failure Failure Approval Initial

Slab

Rough

Water

Sewer

Fixtures

Gas Equip.

Gas Piping

Solar

TCO

NO.

FIXTURE/EQUIPMENT

Water Closet

Urinal / Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bib

Water Heater

Fuel Oil Piping

Gas Piping

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor / Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other 4 A/C

Other

Other

FEE (Office Use Only)

40

0

30

60

10

20

40

10

0

10

40

35

0

25

0

0

35

0

140

0

0

0

0

140

0

Administrative Surcharge \$ 0

Minimum Fee \$ 0

TOTAL FEE \$ 635

DCA Training Fee \$ 0

Paid [] Check #

Collected by:

Signature/Contractor Seal
[] Licensed Plumbing Contractor [] Broom Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/1/01
Control # C13-85
Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

D. TECHNICAL SITE DATA (List all fixtures.)

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURNER POINT RD

S F DWELLING/BASEMENT/RRP

Owner in Fee HASSE, STEPHEN & REBECCA

Address 816 OCEAN RD

PT PLEASANT, NJ 08742-

Te [REDACTED] Fax [REDACTED]

Cc [REDACTED] HASSE

Address 816 OCEAN RD

PT PLEASANT, NJ 08742-

Tele. (732) 295-9551

Lic. No. or Bldgs [REDACTED]

Federal Emp. No. [REDACTED]

B. PLUMBING CHARACTERISTICS

Use Group Present R-J Proposed R-J

Building Sewer Size [REDACTED] [] Public Sewer [] Private Septic

Water Sewer Size [REDACTED] [] Public Water [] Private Well

Estimated Cost of Plumbing Work \$ 20,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

Joint Plan Review Required:

[] Bldg [] Elect

[] Fire [] Elevator

[] Plumb. Plans Approved

Date: 11-8-01

Approved By: [Signature]

SUBCODE APPROVAL

[] CO [] CCO [] CA

Approved By: [REDACTED]

Date: [REDACTED]

INSPECTIONS

Type Failure Failure Approval Initial

Slab

Rough

Water

Sewer

Fixtures

Gas Equip.

Gas Piping

Solar

TCO

NO.

FIXTURE/EQUIPMENT

FEE (Office Use Only)

Water Closet

40

Urinal / Bidet

0

Bath Tub

30

Lavatory

60

Shower

10

Floor Drain

20

Sink

40

Dishwasher

10

Drinking Fountain

0

Washing Machine

10

Hose Bib

40

Water Heater

35

Fuel Oil Piping

0

Gas Piping

25

Steam Boiler

0

Hot Water Boiler

0

Sewer Pump

35

Interceptor / Separator

0

Backflow Preventer

140

Greasetrap

0

Sewer Connection

0

Water Service Connection

0

Stacks

0

Other 4 A/C

140

Other

0

Administrative Surcharge \$ 0

Minimum Fee \$ 0

TOTAL FEE \$ 635

DCA Training Fee \$ 0

Paid [] Check \$
Collected by: [REDACTED]

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized
to make this application and perform the work listed on this application.

Signature/Contractor Seal

[] Licensed Plumbing Contractor [] Exempt Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued / /
Control # C13-85
Permit #

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

D. TECHNICAL SITE DATA

FEE (Office Use Only)

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD
S F DWELLING/BASEMENT/FBP

NO.	SIZE	ITEM
93		Lighting fixtures
104		Receptacles
72		Switches
12		Detectors
0		Light Poles
0		Motors-Fract HP
0		Emergency & Exit lights
0		Communications Points
0		Alarm Devices/F.A.C. Panel
0		TOTAL NUMBERS

281		Pool Permit/with UM Lights	90
1		Storable Pool/Spa/Hot Tub	9
0		KW Elect Range/Receptacle	0
0		KW Oven/Surface Unit	0
0		KW Elect Water Heater	0
0		KW Elect Dryer/Receptacle	0
0		KW Dishwasher	0
0		HP Garbage Disposat	0
0		KW Central A/C Unit	0
4		HP/KW Space Heater/Air Handler	36
4		Baseboard Heat	36
0		HP Motors 1/+ HP	0
1		KW Transformer/Generator	9
0		AMP Service	0
1		AMP Subpanels	100
0		AMP Motor Control Center	0
0		KW Elect Sign/Outline Light	0
0		Other	0
0		Other	0

Owner in Fee HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
PT PLEASANT, NJ 08742-
Tele. () Fax ()
Contractor
Address
Tele. ()
Lic. No. or Bldrs. Reg. No.
Federal Emp. No. HO-

8. ELECTRICAL CHARACTERISTICS
Use Group - Present R-3 Proposed R-3
[] Pole/Pad # [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 7,500

JOB SUMMARY (Office Use Only)
PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date:
Approved By:

INSPECTIONS
Type Failure Failure Approval Initial
Rough
Temp Serv
Const Serv
TCO
Other
Service
Final
Temp. Cut-in-Card Date Issued
Final Cut-in-Card Date Issued

SUBCODE APPROVAL
[] CO [] CCO [] CA
Date:
Approved By:

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized
to make this application and perform the work listed on this application.
Applicant's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

Paid [] Check #
Collected by:
Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 289
OCA Training Fee \$

U.C.C. F120 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/13/01
Control # 413-85
Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION WHEN CHANGING
CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

TECHNICAL SITE DATA

FEE (Office Use Only)

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD
S F DWELLING/BASEMENT/RRP

NO. SIZE

ITEM

FEE (Office Use Only)

Owner in Fee HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
PT PLEASANT, NJ 08742-

NO. SIZE

ITEM

FEE (Office Use Only)

Contractor STEPHEN J HASSE
Address 816 OCEAN RD
PT PLEASANT, NJ 08742-

NO. SIZE

ITEM

FEE (Office Use Only)

Tele. (732) 295-9551
Lic. No. or Bldgs. Reg. No.
Federal Emp. No.

NO. SIZE

ITEM

FEE (Office Use Only)

B. ELECTRICAL CHARACTERISTICS

Use Group - Present R-3 Proposed R-3
[] Pole/Pad [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 7,500

NO. SIZE

ITEM

FEE (Office Use Only)

C. CERTIFICATION IN LIEU OF OATH

INSPECTIONS

NO. SIZE

ITEM

FEE (Office Use Only)

PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved
Date: 10/31/01

NO. SIZE

ITEM

FEE (Office Use Only)

Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: 9/2/02

NO. SIZE

ITEM

FEE (Office Use Only)

Approved By: [Signature]
Final Cut-in-Card Date Issued 3/12/03
Final Cut-in-Card Date Issued

NO. SIZE

ITEM

FEE (Office Use Only)

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

NO. SIZE

ITEM

FEE (Office Use Only)

Applicant's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

NO. SIZE

ITEM

FEE (Office Use Only)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/15/01
Control # 05785
Permit # 07-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG-NO: 1-800-272-1000

Block 1385.08 Lot 5
Work Site Location 618 TORREY POINT RD
S F DWELLING/BASEMENT/FRP
Owner in Fee HASSE, STEPHEN & REBECCA
Address 216 OCEAN RD
PT PLEASANT, NJ 08742-
Tel: [REDACTED] Fax [REDACTED]
Contractor STEPHEN J HASSE
Address 816 OCEAN RD
PT PLEASANT, NJ 08742-
Tele. (732) 293-9351
Lic. No. or Bldg. Ref. No.
Federal Emp. No.

D. TECHNICAL SITE DATA

NO.	SIZE	ITEM	FEE (Office Use Only)
93		Lighting Fixtures	
104		Receptacles	
72		Switches	
12		Detectors	
0		Light Poles	
0		Motors-Fract HP	
0		Emergency & Exit Lights	
0		Communications Points	
0		Alarm Devices/F.A.C. Panel	
281		TOTAL NUMBERS	90
1		Pool Permit/With UV Lights	9
0		Storable Pool/Spa/Hot Tub	0
0		KW Elect Range/Receptacle	0
0		KW Oven/Surface Unit	0
0		KW Elect Water Heater	0
0		KW Elect Dryer/Receptacle	0
1		KW Dishwasher	9
0		HP Garbage Disposal	0
0		KW Central A/C Unit	36
4		HP/KW Space Heater/Air Handler	36
4		Baseboard Heat	0
0		HP Motors 1/4 HP	9
1		HP Transformer/Generator	0
0		AMP Service	100
0		AMP Subpanels	0
0		AMP Motor Control Center	0
0		KW Elect Sign/Outline Light	0
0		Other	0

B. ELECTRICAL CHARACTERISTICS

Use Group - Present R-3 Proposed R-3
[] Pole/Pad [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 7,500

JOB SUMMARY (Office Use Only)

PLAN REVIEW
[] No Plans Required
Joint Plan Review Required:
[] Bldg [] Plumb
[] Fire [] Elevator
[] Elect Plans Approved

Date: 10/3/01
Approved By: [Signature]
SUBCODE APPROVAL
[] CO [] CCO [] CA
Date: _____
Approved By: _____

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Applicant's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

Paid [] Check # _____
Collected by: _____

Administrative Surcharge \$ _____
Minimum Fee \$ _____
TOTAL FEE \$ 289
DCA Training Fee \$ _____

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 03/12/2002
Date Issued 04/01/1994
Control # 3/27/02
Permit # 01-4166+A

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

D. TECHNICAL SITE DATA

FEE (Office Use Only)

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD
COMM PTS/ALARM DEV/SMOKE

NO. SIZE ITEM

Owner in Fee HASSE, STEPHEN & REBECCA

Lighting Fixtures

Address 816 OCEAN RD

Receptacles

PT PLEASANT, NJ 08142-

Switches

Tel. ()

Detectors

Contractor CUSTOM ELECTRONIC SYSTEMS

Light Poles

Address 11 ALCALA DR

Motors-Fract HP

BRICK, NJ 08723-

Emergency & Exit Lights

Tele. (732) 477-8100

Communications Points

Lic. No. or Bldgs. No. No.

Alarm Devices/F.A.C. Panel

Federal Emp. No. [REDACTED]

TOTAL NUMBERS

B. ELECTRICAL CHARACTERISTICS

Pool Permit/with UW Lights

Use Group - Present R-3 Proposed R-3

Storable Pool/Spa/Hot Tub

[] Pole/Pad [] Temporary [] Other

KW Elect Range/Receptacle

Building Occupied as Utility Co.

KW Elect Water Heater

Estimated Cost of Electrical Work \$ 3,000

KW Dishwasher

INSPECTIONS

HP Garbage Disposal

Joint Plan Review Required:

HP Central A/C Unit

PLAN REVIEW

HP/KW Space Heater/Air Handler

Joint Plan Review Required:

Baseboard Heat

[] Bldg [] Plumb

HP Motors 1/+ HP

[] Fire [] Elevator

KW Transformer/Generator

[] Elect Plans Approved

AMP Service

Date: 3/13/02

AMP Subpanels

Approved By: [Signature]

AMP Motor Control Center

SUBCODE APPROVAL

KW Elect Sign/Outline Light

[] CO [] CCO [] CA

Other

Date: []

Other

Approved By: []

Other

Final Cut-in-Card Date Issued

Other

Final Cut-in-Card Date Issued

Other

C. CERTIFICATION IN LIEU OF OATH

Other

I hereby certify that I am the (agent of) owner of record and am authorized

Other

to make this application and perform the work listed on this application.

Other

Applicant's Signature/Contractor's Seal and Signature

Other

[] Licensed Electrical Contractor [] Exempt Applicant

Other

Administrative Surcharge \$

Other

Minimum Fee \$

Other

TOTAL FEE \$

Other

DCA Training Fee \$

Other

U.C.C. F120 (rev. 3/96)

Other

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
ELECTRICAL
SUBCODE
TECHNICAL SECTION

Date Received 03/12/2002
Date Issued 01/01/1954
Control #
Permit # 01-4166+A 3127/02

A. IDENTIFICATION-APPLICANT, COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 Lot 5 Qual
Work Site Location 613 TURNKEY POINT RD
COMM PTS/ALARM DIV/SNORE

Owner in Fee BASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
PT PARASANT, NJ 08142-

Tel. [REDACTED] at [REDACTED]
Contractor CUSTOM ELECTRONIC SYSTEMS
Address 11 ALCALA DR
BRICK, NJ 08723-

Tele. (732) 477-8100
Lic. No. or Bldgs. Reg. No.
Federal Emp. No. [REDACTED]

B. ELECTRICAL CHARACTERISTICS
Use Group - Present R-3 Proposed R-3
[] Pole/Pad [] Temporary [] Other
Building Occupied as Utility Co.
Estimated Cost of Electrical Work \$ 1,000

C. CERTIFICATION IN LIEU OF OATH
I hereby certify that I am the (agent of) owner of record and am authorized
to make this application and perform the work listed on this application.

Applicant's Signature/Contractor's Seal and Signature
[] Licensed Electrical Contractor [] Exempt Applicant

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

Approved By: [Signature]
Date: [REDACTED]
Final Cut-in-Card Date Issued

D. TECHNICAL SITE DATA
NO. SIZE ITEM

0 0 Lighting Fixtures

0 0 Receptacles

0 0 Switches

0 0 Detectors

0 0 Light Poles

0 0 Motors-Fract HP

0 0 Emergency & Exit Lights

0 0 Communications Points

0 0 Alarm Devices/F.A.C. Panel

0 0 TOTAL HOURS

0 0 Pool Permit/with UV Lights

0 0 Storable Pool/Spa/Hot Tub

0 0 KW Elect Range/Receptacle

0 0 KW Oven/Surface Unit

0 0 KW Elect Water Heater

0 0 KW Elec Dryer/Receptacle

0 0 KW Dishwasher

0 0 HP Garbage Disposal

0 0 HP Central A/C Unit

0 0 HP/KW Space Heater/Air Handler

0 0 Baseboard Heat

0 0 HP Motors 1/4 HP

0 0 KW Transformer/Generator

0 0 AMP Service

0 0 AMP Subpanels

0 0 AMP Motor Control Center

0 0 KW Elect Sign/Outline Light

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

0 0 Other

Fee (Office Use Only)

0 0

0 0

0 0

0 0

0 0

0 0

0 0

0 0

0 0

0 0

0 0

0 0

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0 0

U.C.C. #120 (rev. 3/96)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued 11/30/01
Control # 613-85
Permit # 01-4166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION. WHEN CHANGING
CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD

S F DWELLING/BASEMENT/FRP

Owner in Fee HASSE, STEPHEN & REBECCA

Address 816 OCEAN RD
PT PLEASANT, NJ 08742-

Tel [redacted]

Contractor [redacted]

Address [redacted]

Tele. () Fax ()

Lic. No. or Bldrs. Reg. No.

Federal Emp. No. HO-

C. CERTIFICATION IN-LIEU OF DATA

I hereby certify that I am the (agent of) owner
of record and am authorized to make this application.

Signature

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK

S F DWELLING/BASEMENT/CHAINLINK FENCE/1 G POOL/3 WOODBURN AND 1 GAS
FIREPLACES
18x36 Pool

JOB SUMMARY (Office Use Only)
PLAN REVIEW Date Initial

☐ No Plans Req.

☒ All

☒ Footing

☐ Foundation

☐ Frame

☐ Other

Joint Plan Review Required:

☐ Elect ☐ Plumb ☐ Fire

SUBCODE APPROVAL ☐ Elev

☐ CD ☐ CO ☐ CA

Date: 9-1-2001

Approved By: [Signature]

8. BUILDING CHARACTERISTICS

(Asst. Furniture in)

Use Group Present R-3 Proposed R-3

Constr. Class Present Proposed

No. of Stories 2

Height of Structure 28 ft.

Area Largest Floor 2,875 Sq. Ft.

New Bldg. Area/All Floors 4,250 Sq. Ft.

Volume of New Structure 74,975 Cu. Ft.

Total Land Area Disturbed 0 Sq. Ft.

[] HUD

INSPECTIONS Dates (Month/Day) 12/13/2001 12/19/2001 12/27/2001

Type Failure Failure Approval Initial TYPE OF WORK

☒ Foundation ☒ New Building

☒ Addition

☐ Alteration

☐ Roofing

☐ Siding

☐ Sign

☐ Height (exceeds 6')

☐ Sq. Ft.

☐ Pool

☐ Asbestos Abatement Subchapter 8

☐ Lead Haz. Abatement NJAC 5:17

☒ Other FENCE/IG POOL

☐ Other 4 FIREPLACES

☐ Demolition

Barrierfree

Est. Cost of Bldg. Work:

1. New Bldg. \$ 240,000

2. Alteration \$ 20,000

3. Total (1+2) \$ 260,000

Industrialized Building:

☐ State Approved

[] HUD

FEE (Office Use Only)

\$ 1,874

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

\$ 0

9-11-2002 Not quite ready for final - Plim missing in several spots, tile on my Bath Floor Tub area. Need spurs on fireplace in h.k. etc. Attch access cover in garage not on - Don KNOBS, Tripping HAZARD ON Decking + HANDRAIL & RISERS Not to code JLG

**TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION, OF INSPECTIONS**

**UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION**

Date Received 09/12/2001
Date Issued 11/30/01
Control # 213-85
Permit # 014166

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 Lot 5 Qual
Work Site Location 618 TURNKEY POINT RD
S F DWELLING/BASEMENT/FRP

Owner in Fee HASSE, STEPHEN & REBECCA
Address 816 OCEAN RD
OT DISASMT N1 08742-

Tele. [REDACTED]
Contractor [REDACTED]
Address [REDACTED]

Tele. () Fax ()
Lic. No. of Bldgs. Reg. No.
Federal Emp. No. HQ-

B. BUILDING CHARACTERISTICS
Use Group Present R-3 Proposed R-3
Constr. Class Present Proposed
No. of Stories 2
Height of Structure 28 ft.
Area Largest Floor 2,875 sq. ft.
New Bldg. Area/All Floors 4,250 sq. ft.
Volume of New Structure 74,975 cu. ft.
Total Land Area Disturbed 0 sq. ft.

JOB SUMMARY (Office Use Only)
PLAN REVIEW Date Initial
[] No Plans Req.
[X] All 11-5-01 PM

INSPECTIONS	Dates (Month/Day)
Type	Failure Failure Approval Initial
Footings	
Foundation	
Slab	
Frame	
Barrierfree	
Insulation	
Finishes	
Energy	
Mechanical	
ICD	
Other	
Final	
Barrierfree	

TYPE OF WORK	DATE	FILE (Office Use Only)
[X] New Building		1,874
[] Addition		0
[X] Alteration		0
[] Roofing		0
[] Siding		0
[] Fence	0	Height (exceeds 6')
[] Sign	0	Sq. Ft.
[] Pool		0
[] Asbestos Abatement Subchapter 8		0
[] Lead Haz. Abatement NJAC 5:17		0
[X] Other FENCE/IG POOL		108
Other 4 FIREPLACES		140
[] Demolition		0

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

Signature

D. TECHNICAL SITE DATA
DESCRIPTION OF WORK

S F DWELLING/BASEMENT/CHAINLINK FENCE/I G POOL/3 WOODBURN AND 1 GAS FIREPLACES
18X36 Pool

Est. Cost of Bldg. Work:
1. New Bldg. \$ 240,000
2. Alteration \$ 20,000
3. Total (1+2) \$ 260,000

Administrative Surcharge \$ 0
Paid [] Check # Minimum Fee \$ 0
Collected by: TOTAL FEE \$ 2,122
OCA Training Fee \$ 136

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
BUILDING
SUBCODE
TECHNICAL SECTION

Date Received 09/13/2002
Date Issued 01/01/1954
Control # 01-4166+c
Permit # 01-4166+c

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING
CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1985.08 Lot 5 Qual
Work Site Location 618 TURKEY POINT RD

DECK SIZE CHANGED

Owner in Fee HASSE, STEPHEN & REBECCA

Address 816 OCEAN RD

PT PLEASANT, NJ 08742-

Tel

Contractor

Address

Tele. () Fax ()

Lic. No. of Bldrs. Reg. No.

Federal Emp. No. NO-

JOB SUMMARY (Office Use Only)

PLAN REVIEW Date Initial

No Plans Required 9-2002 FMP

All

Footings

Foundation

Frame

Other

Joint Plan Review Required:

Elect [] Plumb [] Fire

SUBCODE APPROVAL [] Elev

CO [] CC [] CA

Date:

Approved By:

INSPECTIONS

Type

Footings

Foundation

Slab

Frame

BarrierFree

Insulation

Finishes

Energy

Mechanical

TCO

Other

Final

BarrierFree

Dates (Month/Day)

Failure

Approval

Initial

B. BUILDING CHARACTERISTICS

Use Group Present R-3

Proposed R-3

Const. Class Present

Proposed

No. of Stories

Height of Structure

Area Largest Floor

New Bldg. Area/All Floors

Volume of New Structure

Est. Cost of Bldg. Work:

1. New Bldg. \$

2. Alteration \$

3. Total (1+2) \$

Industrialized Building:

State Approved

HUD

Signature

D. TECHNICAL SITE DATA

DESCRIPTION OF WORK

DECK SIZE CHANGED FROM ORIGINAL PLANS - NO CHANGE TO FOOTING SPECS THAT WERE ORIGINALLY APPROVED

I hereby certify that I am the (agent of) owner of record and am authorized to make this application.

C. CERTIFICATION IN LIEU OF OATH

FEE (Office Use Only)

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued / /
Control # C13-85
Permit #

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS. NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 lot 5 Qual
Work Site Location 618 TURKEY POINT RD

S F DWELLING/BASEMENT/FRP

Owner in Fee HASSE, STEPHEN & REBECCA

Address 816 OCEAN RD

PT PLEASANT, NJ 08742-

Tele. () Fax ()

Contractor

Address

Tele. ()

Lic. No. or Bldrs. Reg. No.

Federal Emp. No. HQ-

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3

Building Sewer Size

Water Sewer Size

Estimated Cost of Plumbing Work \$ 20,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

☐ No Plans Required

Joint Plan Review Required:

☐ Bldg ☐ Elect

☐ Fire ☐ Elevator

☐ Plumb. Plans Approved

Date:

Approved By:

SUBCODE APPROVAL

☐ CO ☐ CCO ☐ CA

Approved By:

Date:

INSPECTIONS		Dates (Month/Day)	
Type	Failure	Initial	
Slab			
Rough			
Water			
Sewer			
Fixtures			
Gas Equip.			
Gas Piping			
Solar			
TCD			

D. TECHNICAL SITE DATA (List all fixtures.)

NO.	FIXTURE/EQUIPMENT	FEE (Office Use Only)
-----	-------------------	-----------------------

Water Closet

Urinal / Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bib

Water Heater

Fuel Oil Piping

Gas Piping

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor / Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other 4 A/C

Other

Paid ☐ Check \$
Collected by: Administrative Surcharge \$
Minimum Fee \$
TOTAL FEE \$ 635
OCA Training Fee \$

Signature/Contractor Seal
☐ Licensed Plumbing Contractor ☐ Exempt Applicant

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 09/12/2001
Date Issued / /
Control # C13-85
Permit #

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE. CALL UTILITY DIG NO: 1-800-272-1000

Block 1385.08 Lot 5 Sub

Work Site Location 618 TURKEY POINT RD

Owner in Fee HASSE, STEPHEN & REBECCA

Address 816 OCEAN RD

PT PLEASANT, NJ 08742-

Tele. () Fax ()

Contractor

Address

Tele. ()

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. HQ-

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3

Building Sewer Size [] Public Sewer [] Private Septic

Water Sewer Size [] Public Water [] Private Well

Estimated Cost of Plumbing Work \$ 20,000

JOB SUMMARY (Office Use Only)

PLAN REVIEW

[] No Plans Required

Joint Plan Review Required:

[] Bldg [] Elect

[] Fire [] Elevator

[] Plumb. Plans Approved

Date:

Approved By:

SUBCODE APPROVAL

[] CC [] CC0 [] CA

Approved By:

Date:

C. CERTIFICATION IN LIEU OF OATH

I hereby certify that I am the (agent of) owner of record and am authorized to make this application and perform the work listed on this application.

Signature/Contractor Seal
[] Licensed Plumbing Contractor [] Exempt Applicant

D. TECHNICAL SITE DATA (List all fixtures.)

NO. FEE (Office Use Only)

4 Water Closet 40

0 Urinal / Bidet 0

3 Bath Tub 30

6 Lavatory 60

1 Shower 10

2 Floor Drain 20

4 Sink 40

1 Dishwasher 10

0 Drinking Fountain 0

1 Washing Machine 10

4 Hose Bib 40

1 Water Heater 35

0 Fuel Oil Piping 0

0 Gas Piping 25

0 Steam Boiler 0

0 Hot Water Boiler 0

1 Sewer Pump 35

0 Interceptor / Separator 0

0 Backflow Preventer 140

0 GreaseTrap 0

0 Sewer Connection 0

0 Water Service Connection 0

0 Stacks 0

0 Other 4 A/C 140

0 Other 0

Administrative Surcharge \$ 0

Minimum Fee \$ 0

TOTAL FEE \$ 635

CCA Training Fee \$ 0

TOWNSHIP OF BRICK
401 CHAMBERS BRIDGE RD
DIVISION OF INSPECTIONS

UCC NEW JERSEY
PLUMBING
SUBCODE
TECHNICAL SECTION

Date Received 04/16/2002
Date Issued 04-16-2002
Control # 4-16-02
Permit # 01-4166+B

A. IDENTIFICATION-APPLICANT: COMPLETE ALL APPLICABLE INFORMATION, WHEN CHANGING CONTRACTORS, NOTIFY THIS OFFICE, CALL UTILITY DIG NO: 1-800-272-1000

D. TECHNICAL SITE DATA (List all fixtures.)

Block 1385.08 Lot 5 Sublot
Work Site Location 618 TURKEY POINT RD

AUX METER

Owner is Fee BASE, STEPHEN & REBECCA

Address 316 OCEAN RD

PT PLEASANT, NJ 08742-

Tele. () Fax ()

Contractor

Address

Tele. ()

Lic. No. or Bldgs. Reg. No.

Federal Emp. No. NO.

B. PLUMBING CHARACTERISTICS

Use Group Present R-3 Proposed R-3

Building Sewer Size

Water Sewer Size

Estimated Cost of Plumbing Work \$ 200

PLAN REVIEW

Joint Plan Review Required:

PLAN REVIEW

Joint Plan Review Required:

INSPECTIONS

TYPE

Slab

Rough

Water

Sewer

Fixtures

Gas Equip.

Gas Piping

Solar

Approved By:

Date:

C. CERTIFICATION IN LIEU OF OATH

I, hereby certify that I am the (agent of) owner of record and am authorized

to make this application and perform the work listed on this application.

Signature/Contractor Seal

Licensed Plumbing Contractor [] Exempt Applicant

NO.

PICTURE/EQUIPMENT

Water Closet

Urinal / Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bib

Water Heater

Fuel Oil Piping

Gas Piping

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor / Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other

AUX METER

Other

FEE (Office Use Only)

Water Closet

Urinal / Bidet

Bath Tub

Lavatory

Shower

Floor Drain

Sink

Dishwasher

Drinking Fountain

Washing Machine

Hose Bib

Water Heater

Fuel Oil Piping

Gas Piping

Steam Boiler

Hot Water Boiler

Sewer Pump

Interceptor / Separator

Backflow Preventer

Greasetrap

Sewer Connection

Water Service Connection

Stacks

Other

AUX METER

Other

Administrative Surcharge

Minimum Fee

TOTAL FEE

DCA Training Fee

PAID BY: [] Check \$

Collected by: []

U.C.C. F130 (rev. 3/96)

TOWNSHIP OF BRICK ZONING PERMIT

Approved: September 14, 2001

No. 1.1439

Block: 1385.08 Lot: 4

Zone: R-20

Property Address: 618 Turkey Point Road

Applicant: Stephen J. Husse

Property Owner: Stephen J. Husse

Existing Use: Vacant Land

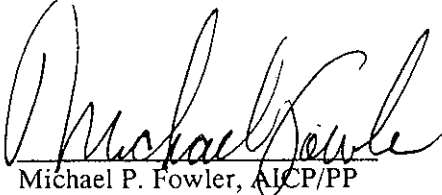
Proposed Use: Single Family Residential

Proposed Construction: 107' 5½" x 55' 4½", 28' high, two-story single family dwelling with attached three-car garage; 6' high chain link fence; 35' x 17' in-ground swimming pool.

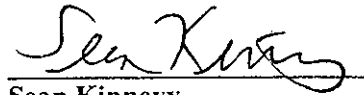
Conditions: The house must be set back at least 40 feet from the front property line, at least 15 feet from the side property lines and at least 50 feet from the rear property line. The swimming pool must be set back at least 5 feet from the side property lines and at least 5 feet from the rear property line. The 6' high chain link fence must be set back at least 10 feet from the street pavement.

This permit shall be null, void and of no effect if any of the facts contained in the application upon the basis that this permit was granted are false or untrue in any material respect.

This permit shall expire one (1) year after the date of issuance if the use or substantial construction has not been commenced.



Michael P. Fowler, AICP/PP
Municipal Planner



Sean Kinnevy
Zoning Officer

**TOWNSHIP OF BRICK
ZONING PERMIT**

Approved: September 20, 2002

No. 2.1566

Block: 1385.08 Lot: 4

Zone: R-20

Property Address: 618 Turkey Point Road

Applicant: Stephen J. Hasse

Property Owner: Same.

Existing Use: Single-family residential.

Proposed Use: Single-family residential.

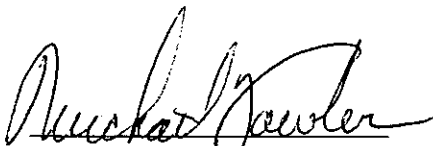
Proposed Construction: Rear deck addition, 7' x 20'6", 8' high.

Conditions: The deck must be set back at least 15 feet from the side property lines and at least 50 feet from the rear property line.

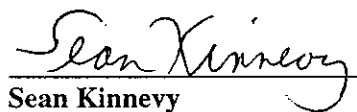
Zoning Permit No. 1.1439 approved on September 14, 2001.

This permit shall be null, void and of no effect if any of the facts contained in the application upon the basis that this permit was granted are false or untrue in any material respect.

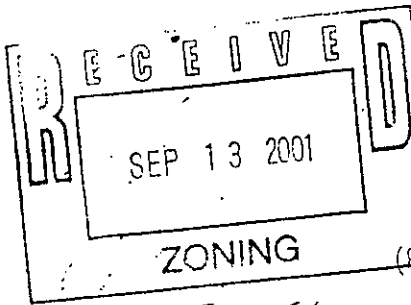
This permit shall expire one (1) year after the date of issuance if the use or substantial construction has not been commenced.



Michael P. Fowler, AICP/PP
Municipal Planner



Sean Kinnevy
Zoning Officer



TOWNSHIP OF BRICK
Zoning Permit Application
(Please Type or Print Neatly)

Block 1385-08 Lot 5 Qualifier _____

PROPERTY ADDRESS 618 Turkey Point Rd

PERSONAL NAME OF APPLICANT Stephen J. Husse

BUSINESS NAME OF APPLICANT _____

PROPERTY OWNER Stephen & Rebecca Husse

PRESENT USE OF PROPERTY (check all that apply)

- ☒ Vacant Lot ☐ Single-family dwelling ☐ Multi-family dwelling
☐ Commercial (please describe) _____

PROPOSED USE OF PROPERTY (check all that apply)

- ☐ Vacant Lot ☒ Single-family dwelling ☐ Multi-dwelling
☐ Commercial (please describe) _____

PROPOSED CONSTRUCTION (check all that apply)

- ☒ New Building (please describe) 2 Story Single Family Home
☐ Addition
☐ Alteration
☒ Porch or deck (state heights) Lower 52.67 Middle 63.57 Upper 73.57
☐ Shed (state height) _____
☒ Fence (state type & height) Chain Link 6'0"
☒ Swimming Pool ☐ In-ground ☐ Above-ground
☐ Other (please describe) _____

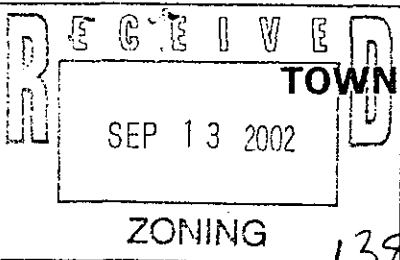
CHECKLIST

- ☐ All information completed above
☐ Two (2) copies of a plot plan containing:
☐ All existing and proposed structures
☐ All dimensions of the lot and structures
☐ All setbacks from the structures to the property lines
☐ All adjacent streets and waterways
☐ If applicable, include a copy of the zoning Board of Adjustment Resolution, the date that the map was signed, and/or the date that the subdivision map was filed with the Ocean County Clerk, along with the file map and number.

The applicant certifies that all statements and information made and provided as part of this application are true to the best of the applicant's knowledge, information and belief. The applicant further states that the applicant will comply with all other Municipal approvals and ordinances, and all County, State, and Federal Regulations.

Signature of applicant Stephen Husse Date 9/07/01

Reviewed by Zoning Office MC Date 9/14/01 () Approved () Denied



TOWNSHIP OF BRICK ZONING PERMIT APPLICATION

(Please Type or Print Neatly in Ink, Not Pencil)

Applications missing any of the following information
will delay processing and may be returned to you.

Block 1385.08 Lot 45 Qualifier _____

PROPERTY ADDRESS 614 Turkey Point Rd

PERSONAL NAME OF APPLICANT Stephen J. Hasse

BUSINESS NAME OF APPLICANT _____

PROPERTY OWNER Stephen J. Hasse

PRESENT USE OF PROPERTY (check all that apply)

- ☐ Vacant Lot ☒ Single-family dwelling ☐ Multi-family dwelling
☐ Commercial (please describe) _____

PROPOSED USE OF PROPERTY (check all that apply)

- ☐ Vacant Lot ☒ Single-family dwelling ☐ Multi-dwelling
☐ Commercial (please describe) _____

PROPOSED CONSTRUCTION (check all that apply)

- ☐ New Building (please describe) _____
☐ Addition
☒ Alteration
☐ Porch or deck (state heights) _____
☐ Shed (state height) _____
☐ Fence (state type & height) _____
☐ Swimming Pool ☐ in-ground ☐ above-ground
☒ Other (please describe) Extend original deck (8' Ht.) approx 5' in depth

CHECKLIST

- ☐ All information completed above
☐ Two (2) copies of a plot plan containing:
☐ All existing and proposed structures
☐ All dimensions of the lot and structures
☐ All setbacks from the structures to the property lines
☐ All adjacent streets and waterways
☐ If applicable, include a copy of the Zoning Board of Adjustment Resolution, the date that the map was signed, and/or the date that the subdivision map was filed with the Ocean County Clerk, along with the file map and number.

Note: No partial, taped, faxed,
reduced or enlarged copies
can be accepted.

The applicant certifies that all statements and information made and provided as part of this application are true to the best of the applicant's knowledge, information and belief. The applicant further states that the applicant will comply with all other Municipal approvals and ordinances and all County, State, and Federal Regulations.

Signature of applicant Stephen J. Hasse Date 9/13/02

Reviewed by Zoning Office JTC Date 9/30/02 () Approved () Denied

UCC NEW JERSEY
NOTICE OF VIOLATION AND ORDER TO TERMINATE

Work Site Location 618 TURKEY POINT RD IDENTIFICATION Block 1385.08 Lot 5
SINGLE FAMILY DWELLING
Owner in Fee HASSE, STEPHEN & REBECCA
Address 618 TURKEY POINT ROAD Agent/Contractor _____
BRICK, NJ 08724- Address _____

Date of Notice 01/28/03 ACTION Compliance Due Date 01/28/03 Date of Inspection 09/27/02

TAKE NOTICE that you have been found to be in violation of the State Uniform Construction Code Act and Regulations promulgated thereunder in that:
N.J.A.C. 5:23-2.23(a) CERTIFICATE REQUIREMENTS EXPIRED TEMPORARY CERTIFICATE OF OCCUPANCY

You are hereby ordered to terminate the said violations on or before 01/28/03. No Certificate of Occupancy or Approval will be issued unless the said violations are corrected.

[X] Failure to comply with this Order will subject you to a penalty of \$ 500 per week.

[] You are hereby ordered to pay a penalty in the amount of \$ 0 for each violation for a total penalty of \$ 0. Each week that any of the said violations remain outstanding after 01/28/03 shall result in an additional penalty of \$ 0 per week.

If you wish to contest the validity of the above action, you may request a hearing before the Construction Board of Appeals of the BOARD OF APPEAL/OCEAN COUNTY within 15 days of receipt of these Orders. The Application to the Construction Board of Appeals may be used for this purpose.

Your application for appeal must be in writing, setting forth your address and name, the address of the building or site in question, the permit number, the specific sections of the Regulations in question, and the extent and nature of your reliance on the Regulations and, if necessary, a brief statement setting forth your position and the nature of the relief sought by you. You may also append any documents that you consider useful.

The fee for an appeal is \$100 to be forwarded with your application to the Construction Board of Appeals office at 2 NOTIS PLACE, TOMS RIVER, NJ 08753.

If you have any questions concerning this matter, please call: DANIEL F. NEWMAN, JR., CONSTRUCTION OFFICIAL 732-262-1027.

NOTICE OF VIOLATION AND ORDER TO TERMINATE: Daniel F. Newman Jr. SCO DATE: 1-28-03
NOTICE AND ORDER OF PENALTY: CO DATE: 1-28-03

C3E
DIVISION OF INSPECTIONS
401 CHAMBERS BRIDGE ROAD
BRICK, NJ 08723

Date Issued 01/28/03
Control #
Permit #

UCC NEW JERSEY
NOTICE OF VIOLATION AND ORDER TO TERMINATE

Work Site Location 618 TURKEY POINT RD IDENTIFICATION Block 1385.08 Lot 5
SINGLE FAMILY DWELLING
Owner in Fee HASSE, STEPHEN & REBECCA
Address 618 TURKEY POINT ROAD Agent/Contractor _____
BRICK, NJ 08724 Address _____

Date of Notice 01/28/03 ACTION Compliance Due Date 01/28/03 Date of Inspection 09/27/02

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N.J.A.C. 5:23-2.23(a) CERTIFICATE REQUIREMENTS EXPIRED TEMPORARY CERTIFICATE OF OCCUPANCY

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The fee for an appeal is \$100 to be forwarded with your application to the Construction Board of Appeals office at 2 NOTIS PLACE, TONS RIVER, NJ 08753.

If you have any questions concerning this order, please call: DANIEL F. REYMAN, JR., CONSTRUCTION OFFICIAL 732-262-1027.

NOTICE OF VIOLATION AND ORDER TO TERMINATE: Daniel F. Reyman, Jr. SCO DATE: 1-28-03
NOTICE AND ORDER OF PENALTY: Daniel F. Reyman, Jr. CO DATE: 1-28-03

C3E
DIVISION OF INSPECTIONS
401 CHAMBERS BRIDGE ROAD
BRICK, NJ 08723

Date Issued 01/28/03
Control #
Permit #

UCC NEW JERSEY
NOTICE OF VIOLATION AND ORDER TO TERMINATE

Work Site Location 618 TURKEY POINT RD IDENTIFICATION Block 1385.08 Lot 5
SINGLE FAMILY DWELLING
Owner in Fee HASSE, STEPHEN & REBECCA
Address 618 TURKEY POINT ROAD Agent/Contractor _____
BRICK, NJ 08724- Address _____

Date of Notice 01/28/03 ACTION Compliance Due Date 01/28/03 Date of Inspection 09/27/02

TAKE NOTICE that you have been found to be in violation of the State Uniform Construction Code Act and Regulations promulgated thereunder in that:
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The fee for an appeal is \$100 to be forwarded with your application to the Construction Board of Appeals office at 2 NOTIS PLACE, TONS RIVER, NJ 08733.

If you have any questions concerning this order, please call: DANIEL F. NEWMAN, JR., CONSTRUCTION OFFICIAL 732-262-1027.

NOTICE OF VIOLATION AND ORDER TO TERMINATE: Daniel F. Newman Jr 50 DATE: 1-28-03
NOTICE AND ORDER OF PENALTY: _____

CALL WHEN READY ASAP

THE BRICK TOWNSHIP MUNICIPAL UTILITIES AUTHORITY

1551 HIGHWAY 88 EAST
BRICK, NEW JERSEY 08724
(908) 458-7000

STATEMENT OF UTILITY SERVICES

APPLICANT: NAME: Stephen Hasse PHONE NO. [REDACTED] (bus.)
ADDRESS: 1095 Towbin Ave. (home)

Lakewood, NJ 08701

PROPERTY IN QUESTION: ADDRESS 618 Turkey Point Rd.
BLOCK(S) 1385.08 LOT(S) 5

BTMUA ACCOUNT NO. T167595 TAX MAP DRAWING NO. 67C

SINGLE FAMILY RESIDENCE X MINOR SUBDIVISION _____
COMMERCIAL _____ MAJOR SUBDIVISION _____

1. UTILITY SERVICE CAN BE PROVIDED. APPLICATION FOR SERVICE IS
REQUIRED.

WATER	SEWER
<u>X</u>	<u>X</u>

CONNECTION WILL BE PROVIDED AS FOLLOWS:

* WATER TURKEY POINT ROAD
(STREET)

* SEWER TURKEY POINT ROAD
(STREET)

INITIAL SERVICE CHARGES

3/4"	1"
<u>2017.00</u>	<u>3529.00</u>

2655.00

2. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE.
APPLICATION FOR EXTENSION IS ☐ IS NOT ☐ REQUIRED.

3. UTILITY SERVICE CANNOT BE PROVIDED AT THIS DATE. IT SHALL BE
AVAILABLE UPON COMPLETION OF WORK BY A DEVELOPER UNDER
APPLICATION NO. _____ CONTACT THE AUTHORITY
TO CONFIRM AVAILABILITY OF SERVICES.

* Developer taps existing.

DATE: 9/10/01

SIGNED: S. Sperry

NOTE: STATEMENT GOOD FOR ONE YEAR.

C.G. 9/10/01

UTILITY SERVICES FOR NEW HOMES

1. OBTAIN "STATEMENT OF UTILITY SERVICES" AND SIZING SHEET AT BTMUA
2. FILL OUT SIZING SHEET AND HAVE APPROVED BY THE BRICK TOWNSHIP PLUMBING INSPECTOR.
3. APPLICATION FOR UTILITIES SHOULD BE MADE TO BTMUA AS EARLY AS POSSIBLE, AT WHICH TIME THE SIZING SHEET, SIGNED BY THE TOWNSHIP PLUMBING INSPECTOR, MUST BE SUBMITTED.

APPLICATIONS WITHOUT THE SIGNED SIZING SHEET WILL NOT BE ACCEPTED.

LEAD TIME FOR TAPS TO BE INSTALLED IS BETWEEN 8 AND 12 WEEKS, WEATHER PERMITTING; HOWEVER, TAPS WILL NOT BE SCHEDULED FOR INSTALLATION UNTIL AT LEAST A FOUNDATION EXISTS. FOR INFORMATION ON SCHEDULED INSTALLATIONS, CONTACT THE AUTHORITY OPERATIONS OFFICE.

4. AFTER THE TAPS HAVE BEEN INSTALLED, SEWER AND WATER SERVICE PERMITS ARE TO BE OBTAINED AT THE BTMUA (PERMIT FEE OF \$15 FOR EACH SERVICE).
5. ONCE YOUR SERVICE LINES HAVE BEEN CONNECTED, CALL THE CUSTOMER ACCOUNT DIVISION AT BTMUA TO ARRANGE FOR AN OUTSIDE INSPECTION.
6. CERTIFICATE OF COMPLIANCE

THE C.C. WILL BE ISSUED AFTER THE METER IS INSTALLED AND ALL REQUIREMENTS MET, AT WHICH TIME ALL FEES MUST BE PAID IN FULL.

INSPECTOR:

K Shafer

JOB:

Turkey
Point
SD#

SECTION:

off
The Rd

WEATHER:

Set Shwrs

TEMPERATURE:

60°

DATE:

9-27-02

TYPE OF WORK:

Temp

LOCATION:

618 Turkey Point Rd

BLOCK:

1385.08

LOT:

5

ENGINEERING RECOMMENDATIONS FOR CERTIFICATE OF OCCUPANCY INSPECTION CHECK LIST

ITEMS TO BE COMPLETED	COMPLETED	DEFICIENT
1. Driveway	✓	
2. Grading		✓
3. Sidewalk	✓	
4. Road Pavement	✓	
5. Landscaping & Sodding		✓
6. Clean-up Procedures	✓	
7. Note on going construction in immediate area	✓	
8. Safety	✓	

COMMENTS REFERENCING ITEM NUMBER:

- (2, 5)
- (A) Grading to be approved pending as built submittal
- (B) Check for germination or stabilization

RECOMMENDATIONS:

☒ TEMP. C.O.

☐ FINAL C.O.

☐ DETAILED REINSPECTION

☒ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

 PLANNING BOARD ENGINEER

 MUNICIPAL ENGINEER

I _____, Authorized representative of _____, hereby acknowledge the above deficiencies, and further realize that the Certificate of Occupancy will be conditioned upon the acceptable resolution thereof within _____ days of the issuance of Certificate of Occupancy.

INSPECTOR:

K Shafer

DATE:

2/6/03

JOB:

SECTION:

Turkey
Point
Estates

TYPE OF WORK:

Final (not county anymore)

WEATHER:

Pt (cloudy)

LOCATION:

618 Turkey Point Rd

TEMPERATURE:

20°s

BLOCK: 1385.08

LOT:

5

ENGINEERING RECOMMENDATIONS FOR CERTIFICATE OF OCCUPANCY INSPECTION CHECK LIST

ITEMS TO BE COMPLETED	COMPLETED	DEFICIENT
1. Driveway	/	
2. Grading	/	
3. Sidewalk	/	
4. Road Pavement	/	
5. Landscaping & Sodding	/	
6. Clean-up Procedures	/	
7. Note on going construction in immediate area	/	
8. Safety	/	

COMMENTS REFERENCING ITEM NUMBER:

Per as built attached / acceptable

RECOMMENDATIONS:

☐ TEMP. C.O.☒ FINAL C.O.☐ DETAILED REINSPECTION☐ HOLD INSPECTION UNTIL LOT ELEVATION FIELD VERIFIED

[Signature] PLANNING BOARD ENGINEER

[Signature] MUNICIPAL ENGINEER

I _____, Authorized representative of _____, hereby acknowledge the above deficiencies, and further realize that the Certificate of Occupancy will be conditioned upon the acceptable resolution thereof within _____ days of the issuance of Certificate of Occupancy.

SHADE TREE PERMIT

RECEIPT OF FEES

BLOCK: 1385.08

LOT: 5

FEE: \$ 2500

INSPECTION _____

APPLICATION FOR SHADE TREE PERMIT

ORDINANCE # 158-E-99

Telephone # 732-905-8500

1. Name of Applicant & Address Stephen J. Hasse
816 Ocean Rd - Pt. Pleasant NJ 08742
Give name and address of person applying for permit. If applicant is other than owner, give and identify names and addresses of both.
2. Property is Block 1385.08, Lot(s) 5
This information is available from your deed or tax bill.
3. Address if different from applicant _____
Give street and number if one is assigned. If there is no street number, estimate distance and direction from nearest intersection or other easily recognizable land mark.
4. Location of trees on property _____ and number of trees presently on property _____.

A. FOR INDIVIDUAL BUILDING LOTS:

Provide either a copy of a recent survey or a sketch of the property drawn to scale including any pertinent distances not easily read from the sketch.

Include existing buildings, driveways and other constructions in SOLID LINES. Show all existing trees (see note below) with a circle. Trees may be keyed as to genus and species if desired, otherwise include a C inside circle for coniferous (pine, etc.) trees and A D for deciduous trees.

Note* Trees to be removed will have an X through the circle.

If removal is desired because of proposed construction of any kind, include such construction in DOTTED LINES and identify. If planting of new trees (including but not limited to those in note below) is proposed in application to replace those removed, or for any other reason, show approximate proposed location with a DOTTED CIRCLE and specify species and approximate planting size (height and caliper).

There should be a minimum of one tree for each 2000 square foot after all tree removal and replacement. (e.g. an 80 X 100 Ft lot includes 8000 SF and would require a minimum of 4 trees).

B. FOR OTHER ACREAGE

Include copy of subdivision plot plan or equivalent outlining all wooded areas and solitary trees. Identify each (e.g. "heavily wooded mature oak with scattered Dogwood" or "sparsely wooded mixed Pitch Pine and small Oak, etc).

Same minimum of one tree per 2000 SF as above is required.

APPLICATION FOR SHADE TREE PERMIT- Ordinance # 158-E-99

Page 2

Note*

"Tree" for the purpose of this permit means (1) any live coniferous tree 4" or more DBH (diameter breast high) (2) any deciduous tree (live) 3" or more DBH (3) any live American Holly or Dogwood 1" or more, one foot above ground and (4) any live Laurel 3" or more across root crown.

Date _____

Name of Applicant _____

Address _____

Block _____

Lot _____

Residential _____

Commercial _____

Address if different from applicant _____

LOCATION OF TREES ON PROPERTY _____

NUMBER OF TREES PRESENTLY ON PROPERTY _____

FEES

\$5.00 per tree (maximum \$25.00) on individual building lot

\$25.00 per acre for approved subdivisions/site plans

AMOUNT OF FEE

25.00

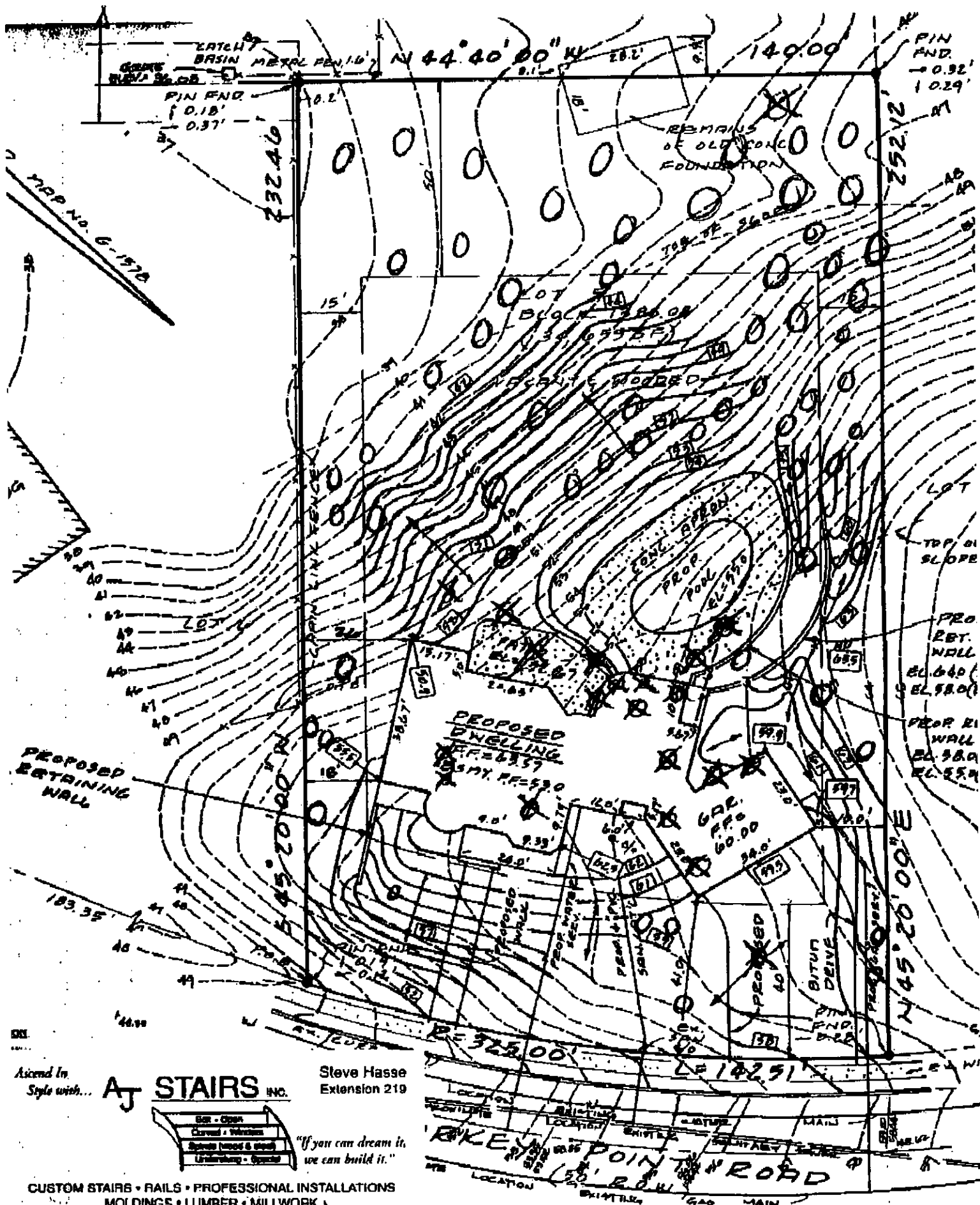
Reviewed by _____

Approved _____

Township Engineer

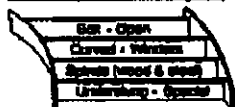
Date

10/18/01



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Style with...

AJ STAIRS INC.



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we can build it."

CUSTOM STAIRS • RAILS • PROFESSIONAL INSTALLATIONS
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1-800-4-AJ-STAIRS

(P): (732) 905-8600

(F): (732) 905-8558

1095 Towbin Avenue
Lakewood, NJ 08701

www.ajstairs.com
steve@ajstairs.com

JONAS ENDRESON

Drilling Contractor

N.J.LIC. #1138

40 - 3rd Bayway

Toms River, NJ 08753

(732) 270-2060

SOIL BORING DESCRIPTION

FIRM _____
CLIENT These
LOT _____ BLOCK _____
TWP./BORO Back Twp
MISC. INFO. 618 Turkey Point Rd.
WATER LEVEL DRY Hole (Seasonal High @ 18')
LOG BY Jonas DATE Sept 5/2001

DEPTH FT	THICKNESS	DESCRIPTION	DEPTH FT	THICKNESS	DESCRIPTION
1	1'	sp/sm / ol	11		
2			12	1/2'	SC
3	2'	sp/sm	13		
4	1'	sp/sm / GW	14		
5	2"	2" Sand Stone	15		
6	1'	sp/sm	16		
7			17		
8	2'	sp/sm / SC	18		
9			19	1"	
10			20	5'-6"	SW / sm

SOIL CLASSIFICATIONS

GW	Well-graded gravels, gravel-sand mixtures, little or no fines.
GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.
GM	Silty gravels, gravel-sand mixtures.
GC	Clayey gravels, gravel-sand mixtures.
SW	Well-graded sands, gravelly sands, little or no fines.
SP	Poorly graded sands or gravelly sands, little or no fines.
SM	Silty sands, sand-silt mixtures.
SC	Clayey sands, sand-clay mixtures.
ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
OL	Organic silts and organic silty clays of low plasticity.
MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
CH	Inorganic clays of high plasticity, fat clays
OH	Organic clays of medium to high plasticity, organic silts.
PT	Peat and other highly organic soils.

R H E E M

A 70-Year-Old Philosophy That Still Works Today.

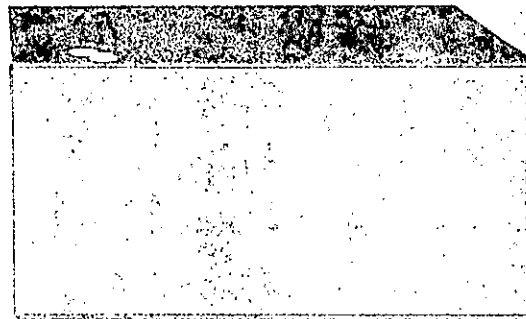
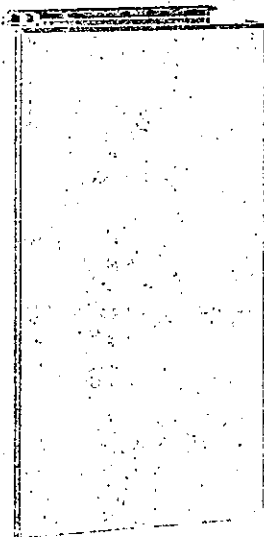
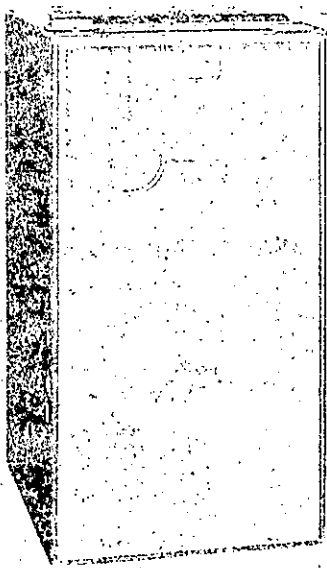
In the 1920's two young, ambitious brothers, Richard and Donald Rheem, acquired a small galvanizing plant in San Francisco. A lot has changed since then.

Today, Rheem® Air Conditioning Division is one of North America's largest manufacturers of furnaces and air conditioning systems for home and light commercial use. In fact, we offer one of the industry's most complete lines of residential heating and cooling products. Computerized technology has taken the place of countless manual operations, from the first design phase to the last quality-control check when units come off the assembly line. Our plants, now located in Arkansas, Alabama and Georgia, incorporate the latest state-of-art equipment.

Rheem is a "people" company. To that end we believe everything we do begins and ends with people, including our distributors and dealers. Most importantly, it also includes, you the homeowner; because every Rheem product begins with knowing and understanding your needs and ends with your complete satisfaction.

Upflow

Downflow



Downflow/Horizontal

The New 90 Plus Furnace Line

- High efficiency minimum 92% AFUE Upflow and Downflow/Horizontal models.
- Heating capacities from 45,000 to 120,000 BTU/HR.
- Stainless steel primary and secondary heat exchangers backed with limited lifetime warranties.

What Makes the Rheem 90 Plus Such An Outstanding Value?

- Extensively field and laboratory tested.
- Designed to provide comfort evenly throughout your home.
- So quiet you hardly know it's running.
- Compact 34" height allows room to add electronic air cleaners and humidifiers.
- Permanent filter slides easily in and out for convenient cleaning.

Relax. It's Rheem.™

Understanding Efficiency Ratings... and how the 90 PLUS pays for itself.

Furnaces that are five to ten years and older may have an Annual Fuel Utilization Efficiency rating (A.F.U.E.) of 65% or less. That means they only generate about \$.65 worth of heat for every dollar's worth of gas.

Since 1992, a federal regulation has required all gas furnaces to provide an A.F.U.E. of at least 78%; and today, many furnaces are rated 90% or higher. The economic benefits are obvious without even considering rising fuel prices. Winter home heating bills can be reduced substantially with the purchase of a Rheem high efficiency 90 Plus gas furnace.

Limited Warranty Information.

Rheem provides a limited lifetime warranty on the 90 Plus' primary and secondary heat exchangers.

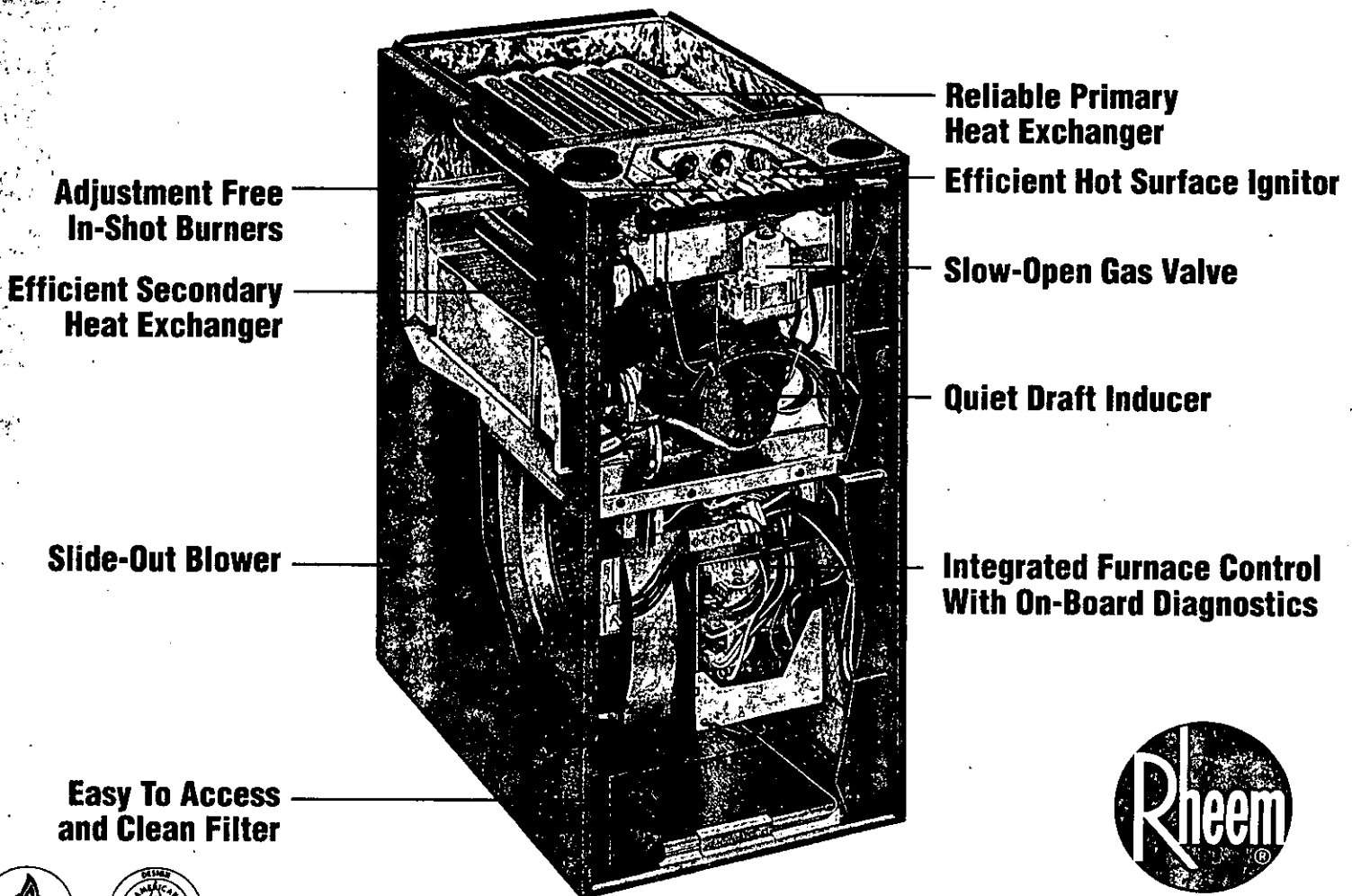
The integrated furnace control and the draft inducer have a 5-year limited warranty. All other parts and components are warranted for one year.

Consumer Financing Plans to fit your budget.

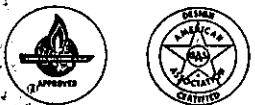
Participating Rheem dealers provide a choice of attractive financing plans that can make it easy to own a new 90 Plus furnace. Just ask your Rheem dealer for details.

Get added value with Protection Plus.sm

Ask your Rheem dealer about the availability of Rheem's exclusive Protection Plussm service contract program. After the manufacturer's limited warranty ends, Protection Plus begins, giving you added protection and further peace of mind.



Relax. It's Rheem.TM



Rheem Air Conditioning Division, 5600 Old Greenwood Road,
P.O. Box 17010, Fort Smith, AR 72917-7010, (501) 646-4311

Rheem also manufactures residential and commercial water heater products.

Printed in the U.S.A. 7/95 BP Form No. M11-1078 Rev. 2

RHEEM® AIR CONDITIONING

Advanced Technology Gives You More Efficient Air Conditioning.

The Rheem Air Conditioning Division is a leading manufacturer of cooling and heating systems worldwide. After more than 70 years in business, the Rheem name is recognized not only for high quality, but also for equipment with efficiency ratings among the highest in the industry.

Rheem is dedicated to innovative design, quality construction and energy conservation. This commitment to quality has resulted in Rheem achieving the stringent standards of ISO 9002 certification from the International Standards Organization.

From the division's headquarters in Fort Smith, Arkansas, to manufacturing plants in Greenville, Alabama and Milledgeville, Georgia, Rheem utilizes only the latest technologies in computer-aided design, quality control, manufacturing and production.

It's a commitment to designing systems right from the beginning and the pride of craftsmanship that you'll find in every Rheem system. The results speak for themselves.



THE RHEEM
DIFFERENCE
Scroll
inside

RAMA CLASSIC XII® CONDENSING UNITS

- **HIGH EFFICIENCY
12.0 S.E.E.R.
RATING FOR
LOW COST COOLING.**
- **1.5 TO 5.0 TON
COOLING CAPACITIES
AVAILABLE.**
- **ULTRA-QUIET,
RELIABLE SCROLL
COMPRESSOR WITH
10-YEAR LIMITED
WARRANTY.**

WHY INVEST IN A RHEEM HIGH EFFICIENCY CONDENSING UNIT?

- Wraparound powder painted galvanized steel cabinet resists corrosion and protects the coil from yard hazards and weather extremes.
- Wraparound coil design improves operating efficiency and lower energy costs.
- Separate compressor section reduces noise, improves accessibility and allows easier servicing.
- Easy-to-remove service panel reveals all controls, minimizing service time and cost.
- Automatic shutoff high and low pressure controls protect compressor from failure due to pressure extremes.
- Copper tubing with aluminum fins is used in the coil, providing better heat transfer while resisting damage and corrosion.
- One-piece drawn base pan minimizes corrosion caused by galvanic action; also reduces refrigerant leaks and service calls.
- Grille design minimizes air restrictions for more efficiency.
- Exclusive Rheem grille/motor mount protects the fan motor and windings from rain and snow for longer life.
- Compressor sound wrap is standard to further reduce vibration and noise.

*If It Works Like A Dream,
It Works Like A Rheem.*



Scroll Technology: The Smoothest, Quietest, Most Efficient Compressor Technology Ever Invented.

No other manufacturer today offers the benefits of Scroll technology throughout its entire residential air conditioning product line. It's a technological advancement that achieves higher efficiency and durability at the same time.

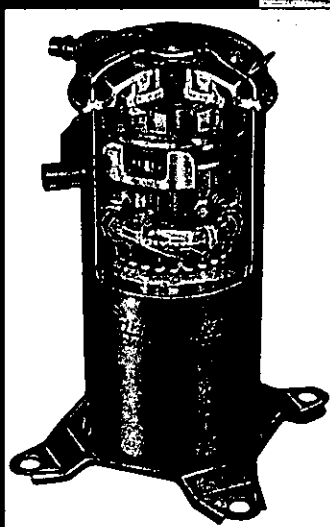
Scroll compressors use advanced engineering and flow dynamics to more efficiently and smoothly compress gas refrigerant.

Several pockets of gas compressed simultaneously provide a smooth, nearly continuous compression cycle.



Old-fashioned reciprocating compressors use pistons and valves to compress and move gas. But with a scroll compressor, these noisy high-wear moving parts are eliminated.

THE Rheem
DIFFERENCE
Scroll
Inside



How To Understand What S.E.E.R. Numbers Mean.

S.E.E.R. stands for Seasonal Energy Efficiency Ratio. The higher the S.E.E.R. number, the more efficient the system. S.E.E.R. numbers are determined by testing procedures established by the Department of Energy.

Your Rheem dealer knows which systems and components perform best in your area. Ask about the options that offer the best return on your investment.

Warranty Information.

Rheem provides a 10-year compressor limited warranty on 12 S.E.E.R. models. The outdoor coil has a 5-year limited warranty against leaks caused by factory defects. All other parts and components are warranted for 1 year.

Consumer Financing Plans To Fit Every Budget.

Participating Rheem dealers provide very attractive financing plans that can make your air conditioning system even more affordable. Just ask your Rheem dealer for all the details.

Extend Your Coverage With A Protection PlusSM Service Contract.

Ask your dealer about the availability in your area of our exclusive Protection Plus service contract program. When the manufacturer's limited warranty ends, Protection Plus begins, giving you protection beyond the manufacturer's limited warranty.

Utility Rebates Available For Selected High Efficiency Models.

On higher S.E.E.R. products from Rheem, typically 12.0 and 13.0 models, be sure to contact your utility company to see if you qualify for their rebate programs.



**If It Works Like A Dream,
It Works Like A Rheem.**

RHEEM AIR CONDITIONING DIVISION 5600 OLD GREENWOOD ROAD
P.O. BOX 17010 FORT SMITH, AR 72917-7010 (501) 646-4311

Rheem also manufactures residential and commercial water heater products.

© 1994 Rheem Air Conditioning Division

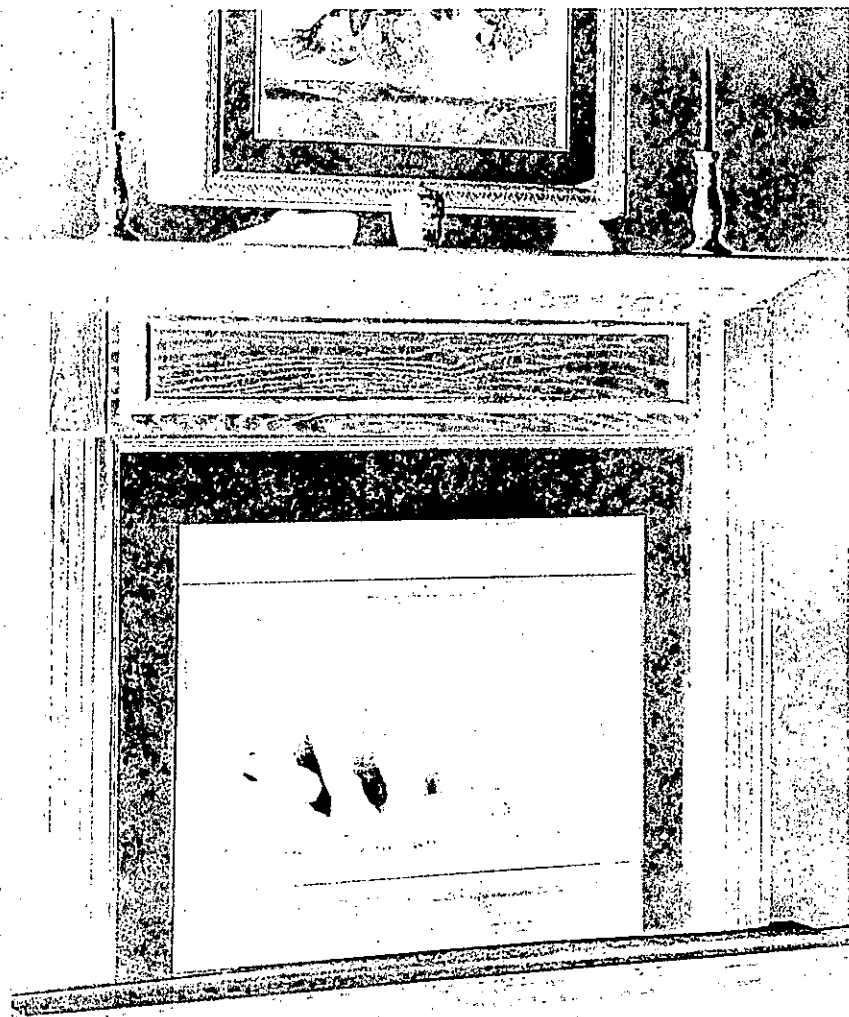
Printed in the U.S.A. 10/94 BP Form No. M11-1069 Rev. 1

grace

MAJESTIC VERMONT *Castings*

DV360/DV580 DIRECT VENT FIREPLACES

DV580



Vermont Castings Comfort
Control System - Remote

DV580 shown with upper & lower polished brass trim & Majestic Queenston Mantel.

▲ Also available with the new Vermont Castings Comfort Control System. Lets you control the flame and fan simultaneously.



MAJESTIC
VERMONT
Castings

DV360/DV580 DIRECT VENT FIREPLACES

The DV360 & DV580 models are designed for the serious fireplace enthusiast who loves a massive flame viewing area. These fireplace models feature the biggest firebox and log set in the industry. You will be amazed by our newest direct-vent models – everything is super-sized. Both models are available with a millivolt valve or full service Vermont Castings Comfort Control System.

Standard Features

- Direct Vent Circulating Gas Fireplace
- **DV360: 30,000 Btu's - DV580: 38,000 Btu's**
- Insta-Flame™ Ceramic Burner System
- Ceramic Fiber Split Oak Log Set with Steel Grate
- Millivolt Ignition System
- Tempered Glass Panel
- Manual Flame Adjustment (RN/RP only)
- Wall Switch Kit (RN/RP only)
- Electrical Junction Box (RN/RP only)
- Flex Connector with shut-off
- 20" Termination Pipe with Wall Firestop
- Zero Clearance Sleeve – Uses Majestic (Direct Vent) Venting Components

Vermont Castings Comfort Control System (only on RFN and RFP models)

- Six level modulating flame and fan function from a hand held remote.
- Thermostat governs flame and fan together for maximum comfort.
- Operates without electricity. (except for power supply to fan)
- Comfort Control System features an all-in-one valve construction, no additional fan system or remote required.
- Timer will shut off fire at a later time.

Optional Accessories: Remote Controls, Wall Thermostat, FK12 or FK24 Fan System (for RN/RP models only), Ceramic Fiber Liner Kit, Conversion Kits (Natural Gas to L.P. and L.P. to Natural Gas). Medium polished brass trim kit, face kit with bar, louvers and hood, brilliance beveled glass panel.

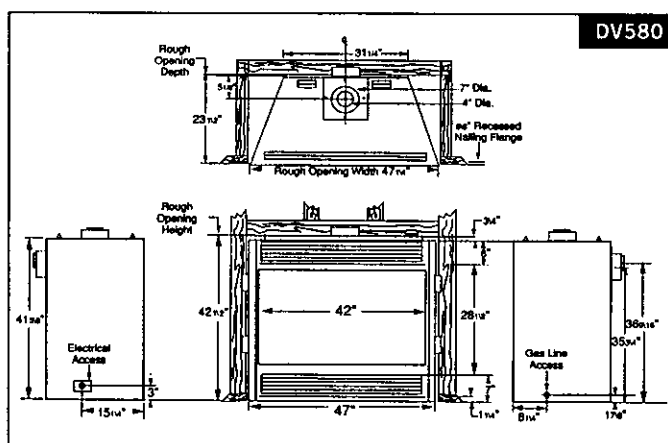
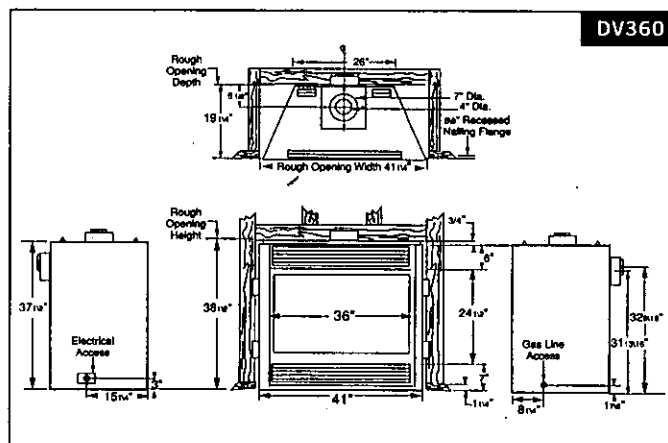
Selling Features

- Shipped as a rear vented model, field convertible to a top vented model.
- Larger logs that fill the fireplace opening for greater aesthetic appeal.
- Taller flame height than its competitors.
- Can be field converted from one gas to another.
- Uses Majestic 4" / 7" direct vent components.
- Certified as a Gas Fireplace Heater.
- Largest viewing area of any direct vents on the market.
- Lifetime warranty on the Insta-Flame™ Burner.

MODEL SPECIFICATIONS:	DV360	DV580
Viewing Height	20"	24"
Viewing Width	32 1/4"	38"
Rough Framing Depth	19 1/4"	23 1/2"
Rough Framing Height	38 1/2"	42 1/2"
Rough Framing Width	41 1/4"	47 1/4"



DV360 shown with Majestic Covington Mantel.



In the interest of constant product improvements, we reserve the right to change specifications without notice. Before installations, please read Installation Instructions and check all local Building Codes and Gas Regulations.

Vermont Castings, Majestic Products

410 Admiral Blvd.
Mississauga, Ont. L5T 2N6
Tel: (905) 670-7777
Fax: (905) 565-4690

www.majesticproducts.com
www.vermontcastings.com

For the location of the nearest dealer call 1-800-227-8683

1000-2443

08/00

DESIGNER COLLECTION

JACUZZI

Sabella Whirlpool Bath

Ordering Information

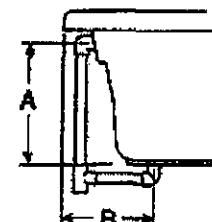
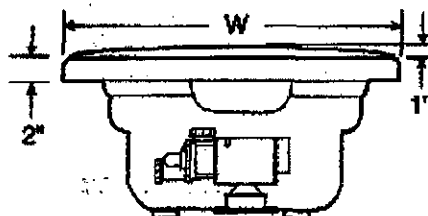
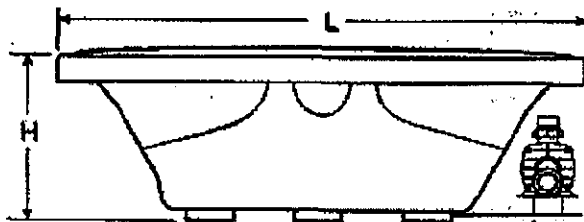
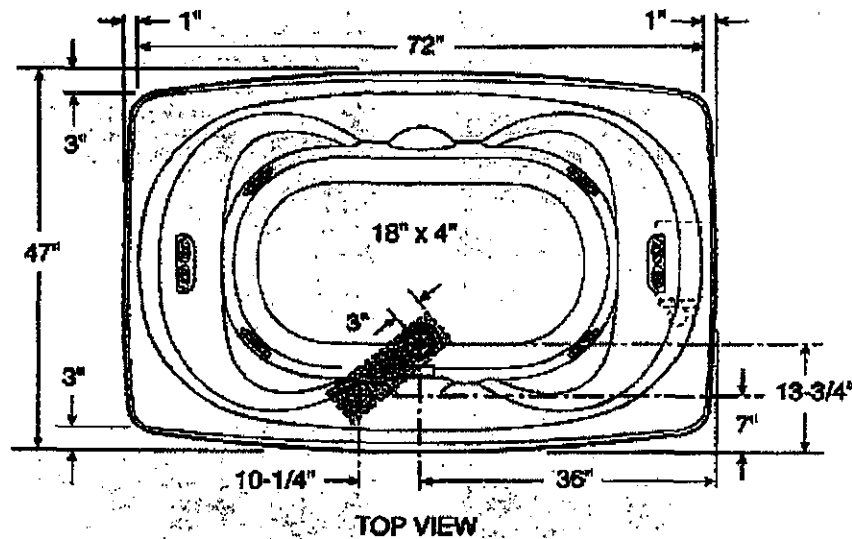
- Product Code:

D350

- Center Drain • Right Hand Pump Location
- Accessories / Hardware:
HTA Jet Trim Kit: #P205
- Trim Finishes Available:
(827) Chrome – (829) Bright Brass

Product Information

Dimensions	Drain/Overflow Dimensions	Cutout	Total Weight Floor Loading	Operating Gallage	Product Weight	Skirt Mounting
72" (1829mm) L 47" (1194mm) W 23 3/4" (584mm) H	20" (508mm) A 14" (356mm) B	Template Provided	1224 lb. (555kg) 51 lb/sq. ft. (254 kg/sq. m.)	95 U.S. Gal (182 liters)	133 lb. (60 kg)	Not Available

Required Electrical Service 115 VAC, 15 AMP, 60 Hz. Dedicated separate circuit required**Whirlpool Motor/Pump:** 115 VAC, 3450 RPM/10 AMP, 60 Hz Single Phase**Installation Notes**

Refer to installation instructions included with bathing fixture before beginning installation.

Visit our website at www.jacuzzi.com for additional product selections



**PURE ENERGY™
BALANCED-FLUE
FIREPLACE**

The revolutionary Majestic®
PureEnergy balanced-flue
fireplace is environmentally
friendly, indoors and out, heats
efficiently and uses less wood.

NEW

BREAKTHROUGH TECHNOLOGY!

MAJESTIC®
THE BEST THERE IS.

Purely the ideal fireplace.

The Majestic® PureEnergy™ balanced-flue fireplace is a genuine engineering breakthrough. Using a balanced flow of outdoor air for optimal combustion, it provides for cleaner air, both indoors and out, provides an efficient source of heat, and uses less firewood.

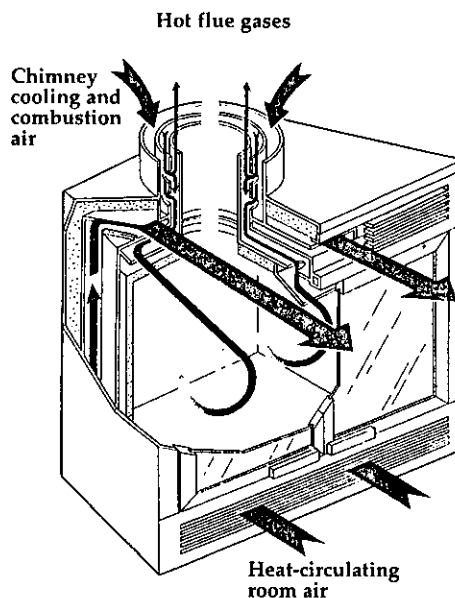
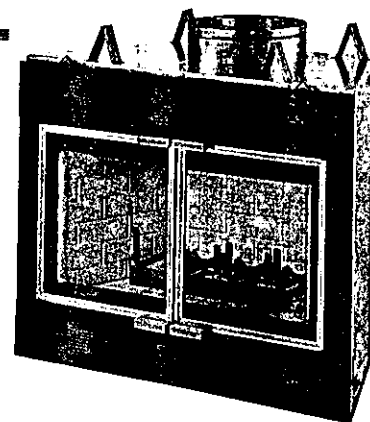
To understand how PureEnergy works, think of it as a vertically terminated direct-vent fireplace. Its patented, balanced-flue process uses no indoor air for combustion. It's designed to draw a controlled amount of outside air from its air-cooled chimney system into a sealed firebox, achieving optimum combustion. This process maintains a low level of dilution air, allowing the fire to burn hotter and cleaner with less fuel.

Majestic's balanced-flue technology helps improve our environment by producing a cleaner-burning fire. Although fireplaces are exempt from EPA regulations, results from an EPA-certified laboratory have determined that this system meets both the federal PM10 emission standards for noncatalytic woodstoves and the State of Washington's new standard of 4.5 grams per hour.

The PureEnergy fireplace eliminates the indoor air-quality problems associated with conventional fireplaces. Using an airtight firebox, this fireplace eliminates negative and positive home pressurization problems, keeping smoke and flue gases from being forced into the room, while eliminating the fireplace flue as a source of replacement air for the home.

The heating efficiency of a fireplace is generally a major concern, since most conventional fireplaces add little or no heat to the home. With balanced-flue technology, overall heating performance is improved two ways. First, by introducing a balanced flow of prewarmed air to the fuel, the system creates a more efficient burn, a hotter fire and more heat. Second, the airtight firebox eliminates the loss of heated room air up the flue that also dilutes and cools the fire temperature. The result: The PureEnergy fireplace is a positive source of comfortable heat.

PureEnergy™
Balanced-Flue
BFC36 fireplace
with standard
Black grilles.



Balanced-Flue design draws outside combustion air from its air-cooled chimney system into the airtight firebox. This provides optimum combustion while eliminating the need for a separate outside air system. Its heat-circulating system circulates and warms cool room air for added comfort.

Distributed by:

THE
MAJESTIC®
PRODUCTS COMPANY

475 Admiral Boulevard • Mississauga, Ontario L5T 2N1 • Canada
(905) 670-7885 • (905) 670-4676 FAX

1000 East Market St. • Huntington, IN 46750-2579
(219) 356-8000 • (219) 356-1039 FAX

www.majesticproducts.com



Made in
America

And unlike other sealed-door woodburning products that produce lazy, smoldering fires, the PureEnergy fireplace still radiates all the old-fashioned charm of a blazing wood fire.

Standard Features

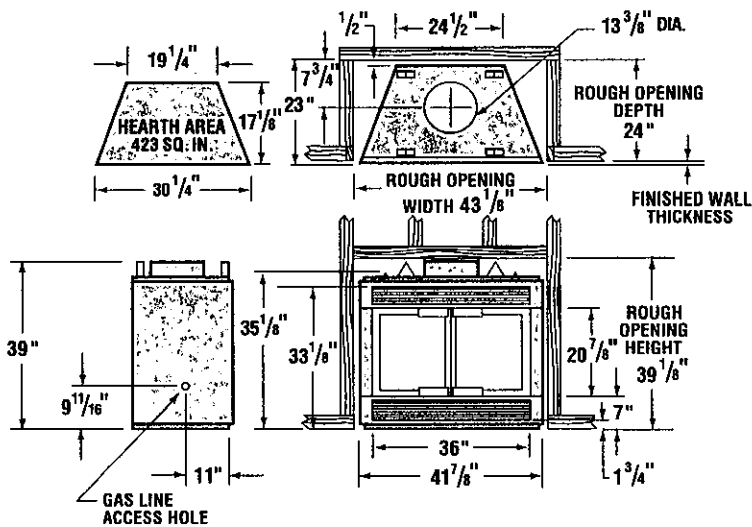
- ### Optional Accessory

- **Ornamental Grilles** in choices of Polished Brass with Black mesh or all Black are available for a beautiful custom look.

Flexible, Simple-to-Install Chimney System

The PureEnergy fireplace is designed to use our time-proven eight-inch thermosiphoning (triple-wall) chimney system that keeps installation simple and economical. The triple-wall chimney is a sealed system that reduces cold-air infiltration into the home and is ideal for use in northern climates. The pipe sections and elbows snap together, so no tools or fasteners are needed. The system offers a choice of a traditional brick look, contemporary or contemporary chase termination top.

BFC36 Specifications:



National Electrical Code
Plan Review Record
Township of Brick

Date: 10 31 01

Site Address: 618 Turkey Hill

Reviewed By: UNK

CORRECTION LIST
Description

No.

① Service location

② One line to ground on service

③

Party Called and Phone #: _____

Resubmitted on: _____ By: _____

SINGLE FAMILY DWELLING CHECKLIST

- | | |
|--|---|
| 1. Construction Permit Jacket signed & completed | Yes ☒ No ☐ |
| 2. Zoning Application Completed | Yes ☒ No ☐ |
| 3. Two true size surveys- signed & sealed | Yes ☒ No ☐ |
| 4. Engineering form- checklist or major subdivision | Yes ☒ No ☐ |
| 5. Completed debris form- destination of debris | Yes ☒ No ☐ |
| 6. Shade tree application | Yes ☒ No ☐ |
| 7. BTMUA availability statement | Yes ☒ No ☐ |
| 8. Bldg, Plmg, Fire, & Electric subcode info completed | Yes ☒ No ☐ |
| 9. Gas Pipe drawing | Yes ☒ No ☐ |
| 10. Water schematic for plumbing <i>on plans</i> | Yes ☒ No ☐ |
| 11. Brochures- furnace, boiler, a/c, or fireplace | Yes ☒ No ☐ |
| 12. Options | Yes ☒ No ☐ |
| Fireplace- Gas or wood (circle one) | |
| Deck- <i>CCA</i> & <i>Fiberglass</i> | Yes ☒ No ☐ |
| <u>Basement</u> or Crawl Space (circle one) | |
| 13. Two sets of plans- architecturals signed & sealed- all pages
Homeowner drawings- signed by homeowner- all pages | Yes ☒ No ☐ |
| 14. Breakdown cost for each subcode on jacket & counter form | Yes ☒ No ☐ |
| 15. Separate alteration costs for decks, fireplaces & etc. | Yes ☒ No ☐ |
| 16. Soil borings showing seasonal high water table required on any new basements. | Yes ☒ No ☐ |

Any information not included in package will not be accepted at the front counter

Important!

The following information must be submitted in order to obtain a Zoning Permit

1. One copy of the Zoning Permit application.

- ☐ The application must be completely filled out and must be signed by the Applicant.
- ☐ If a fence is proposed please make sure that the TYPE of fence and height is stated. (ie: 4' high picket, 6' high stockade, chain link, etc.)
- ☐ If a deck/ porch is proposed the height from the ground to the deck floor must be stated.
- ☐ If a shed is proposed the height must be stated.
- ☐ If a swimming pool is proposed indicate whether it is above ground or in ground.
- ☐ If applicable include a copy of the Zoning Board or Planning Board resolution of approval including the sub-division Filed Map number and date the map was filed and/or the date the site plan map was signed.

2. Two (2) copies of a plot plan or survey prepared by a licensed surveyor or engineer. *This is required under Section 190-31 of the Township Code*

- ☐ The survey must be a true size copy of the original (not reduced, enlarged, taped or faxed) and must contain the following information:
- ☐ All existing structures.
- ☐ All proposed structures. (additions, decks, pools, sheds, fences, etc. may be drawn to scale on the plot plan or survey by the applicant or homeowner)
- ☐ All dimensions of all structures.
- ☐ All setbacks (distance) from the structures to all property lines.
- ☐ All streets and waterways.
- ☐ If applicable all easements, wetlands, conservation areas or buffer areas.

3. Two copies of the construction plans.

- ☐ The dimensions must match on the construction plan and the plot plan.

4. The above information is to be inserted in the Construction Permit Application folder.

- ☐ Please make sure that the folder is completely filled out, especially Section I, Section VI and Section VII.

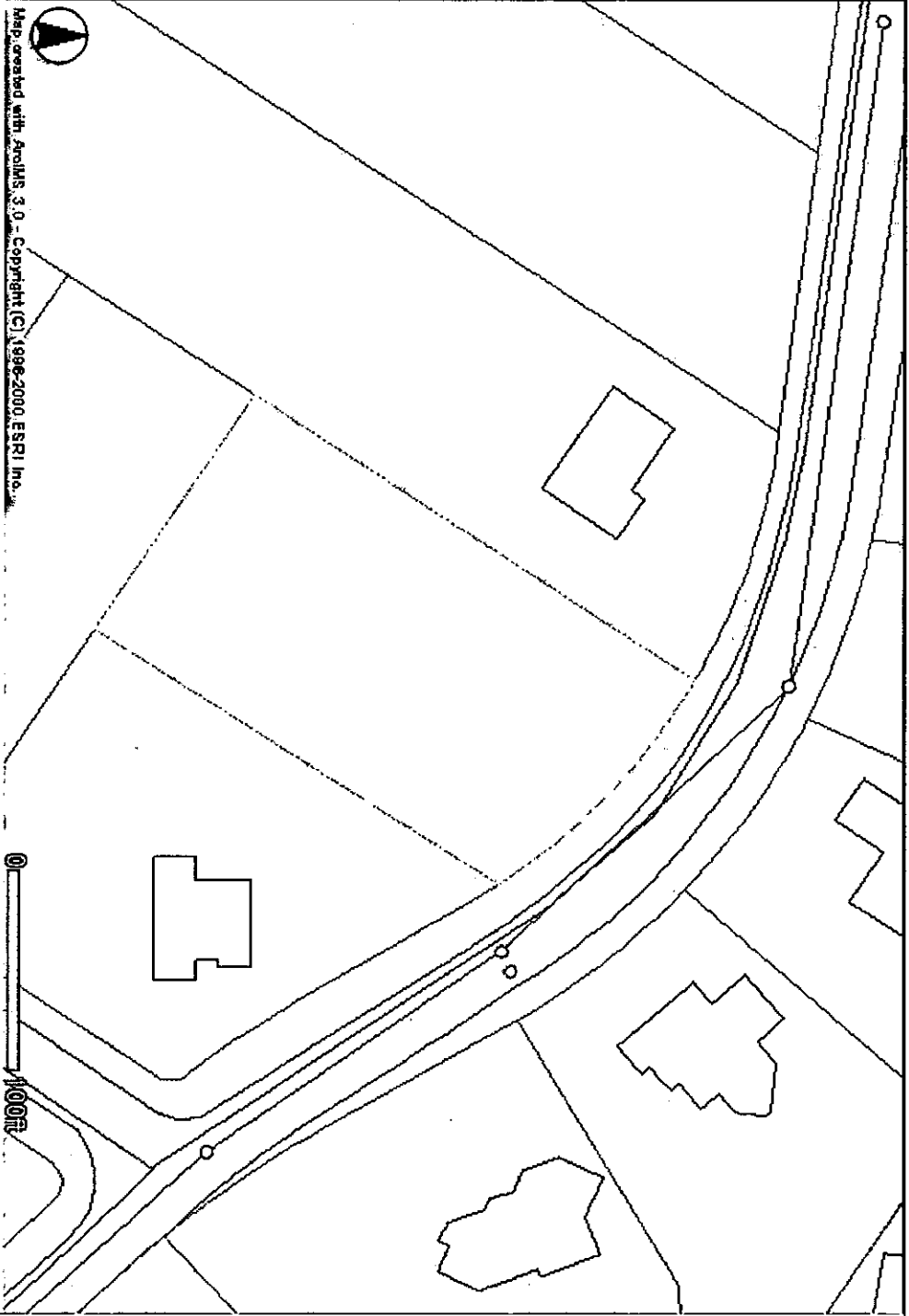
Please note:

Failure to submit the required information may result in delays in the processing of the permit

Additional information may be required by the engineering and/or construction departments.

For further information or assistance please contact the Zoning Office at either 732-262-1041: Sean Kinnevy or 262-1043: Kate MacDonald.

ArcIMS 3.0 Viewer



Map created with ArcIMS 3.0 - Copyright (C) 1996-2000 ESRI, Inc.

parcel

Rec	AREA	PERIMETER	RELATE	OWNER	ADDRESS	CITY	ZIP	CLASS	LOCATION	ACCT_NO	RECID	SPOS	SLEFT	SRIGHT	SUN
1	35040.07400	774.92900	1385.08-5	SMITH, RICHARD & ANNE	1222 TODD CT.	LAKEWOOD, NJ	08701	1	618 TURKEY POINT RD.				0.00000	0.00000	0.00

Zoom In

Layers

Visible Active

- ☒ h20pipe
- ☒ pipe_san
- ☒ mapsheet
- ☒ hydrant
- ☒ manhole
- ☒ building
- ☒ parcel
- ☒ roads

Refresh Map

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER _____ DATE _____

PROPERTY ADDRESS _____ BLOCK _____ LOT _____

ZONING _____ USE GROUP _____

CONTRACTOR _____ LICENSE # REGISTRATION _____

WATER MAIN SIZE _____ WATER PRESSURE _____ SEWER MAIN SIZE _____

<u>PLUMBING FIXTURES</u>	<u>NUMBER</u>	<u>(sfu) WATER UNITS</u>	<u>(dfu) DRAINAGE</u>
--------------------------	---------------	--------------------------	-----------------------

1: BATHROOM GROUP	_____ () _____	() _____
-------------------	-----------------	-----------

2: KITCHEN GROUP	_____ () _____	() _____
------------------	-----------------	-----------

3: WATER CLOSETS	_____ () _____	() _____
------------------	-----------------	-----------

4: LAVATORY	_____ () _____	() _____
-------------	-----------------	-----------

5: BATH TUB	_____ () _____	() _____
-------------	-----------------	-----------

6: SHOWER STALL	_____ () _____	() _____
-----------------	-----------------	-----------

7: KITCHEN SINK	_____ () _____	() _____
-----------------	-----------------	-----------

8: SERVICE SINK	_____ () _____	() _____
-----------------	-----------------	-----------

9: LAUNDRY TRAY	_____ () _____	() _____
-----------------	-----------------	-----------

10: DISHWASHER	_____ () _____	() _____
----------------	-----------------	-----------

11: WASHING MACHINE	_____ () _____	() _____
---------------------	-----------------	-----------

12: URINAL	_____ () _____	() _____
------------	-----------------	-----------

13: FLOOR DRAIN	_____ () _____	() _____
-----------------	-----------------	-----------

14: DRINK FOUNTAIN	_____ () _____	() _____
--------------------	-----------------	-----------

15: AIR COND WATER COOLED	_____ () _____	() _____
------------------------------	-----------------	-----------

16: DENTAL UNIT	_____ () _____	() _____
-----------------	-----------------	-----------

17: LAWN SPRINKLE	_____ () _____	() _____
-------------------	-----------------	-----------

18: FIRE SPRINKLE	_____ () _____	() _____
-------------------	-----------------	-----------

19: HOSE BIBS	_____ () _____	() _____
---------------	-----------------	-----------

TOTAL _____

GALLONS PER MINUTE _____

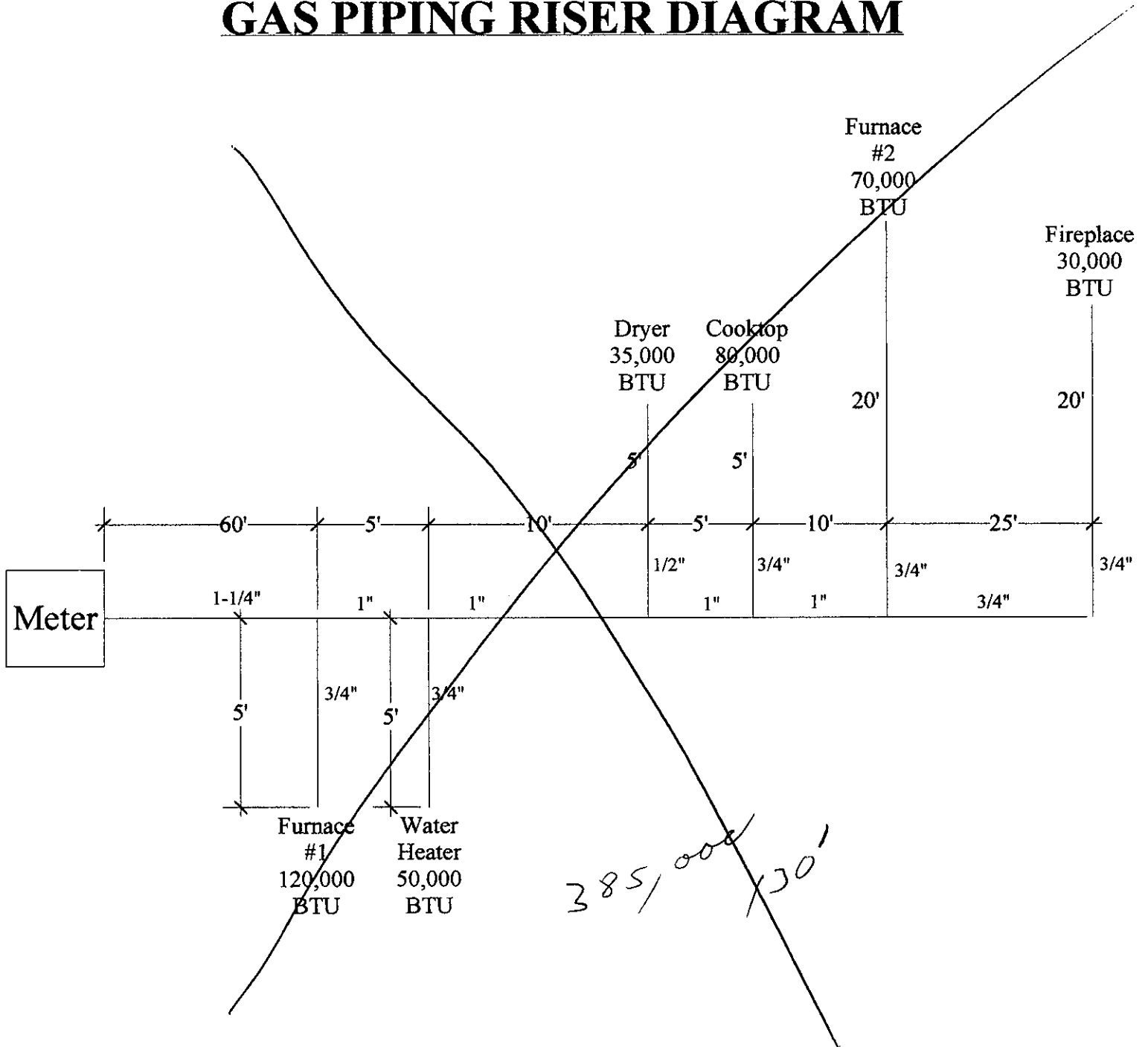
SIZE OF SERVICE _____

DATE: _____ APPROVED: _____

Hasse Residence

Block #1385.08 Lot #5
816 Turkey Point Rd.
Brick, NJ 08723

GAS PIPING RISER DIAGRAM



Plumbing Plan Review Record

Work site location: 618 Turkey Pt Rd

Building Description: _____

Reviewed: 

Date: 11-1-01

Correction list

No.

Description

Code section

Can sketch not the code

~~RESUBMIT~~

DATE _____

First

905-8500

SIZING FOR WATER AND SEWER SERVICES

PROPERTY OWNER Stephen Kasse DATE 11-8-01

PROPERTY ADDRESS 618 Turkey Pt Rd BLOCK 1385-08 LOT 5

ZONING _____ USE GROUP _____

CONTRACTOR _____ LICENSE # REGISTRATION _____

WATER MAIN SIZE _____ WATER PRESSURE _____ SEWER MAIN SIZE _____

PLUMBING FIXTURES NUMBER (sfu) WATER UNITS (dfu) DRAINAGE

1: BATHROOM GROUP	<u>4</u>	()	<u>10</u>	()	_____
2: KITCHEN GROUP	<u>1</u>	()	<u>2</u>	()	_____
3: WATER CLOSETS	_____	()	_____	()	_____
4: LAVATORY	_____	()	_____	()	_____
5: BATH TUB	_____	()	_____	()	_____
6: SHOWER STALL	_____	()	_____	()	_____
7: KITCHEN SINK	<u>3</u>	()	<u>6</u>	()	_____
8: SERVICE SINK	_____	()	_____	()	_____
9: LAUNDRY TRAY	_____	()	_____	()	_____
10: DISHWASHER	_____	()	_____	()	_____
11: WASHING MACHINE	<u>1</u>	()	<u>4</u>	()	_____
12: URINAL	_____	()	_____	()	_____
13: FLOOR DRAIN	_____	()	_____	()	_____
14: DRINK FOUNTAIN	_____	()	_____	()	_____
15: AIR COND WATER COOLED	_____	()	_____	()	_____
16: DENTAL UNIT	_____	()	<u>1</u>	()	_____
17: LAWN SPRINKLE	_____	()	<u>1</u>	()	_____
18: FIRE SPRINKLE	_____	()	_____	()	_____
19: ROSE BIBS	<u>4</u>	()	<u>5.5</u>	()	_____

TOTAL 27.5

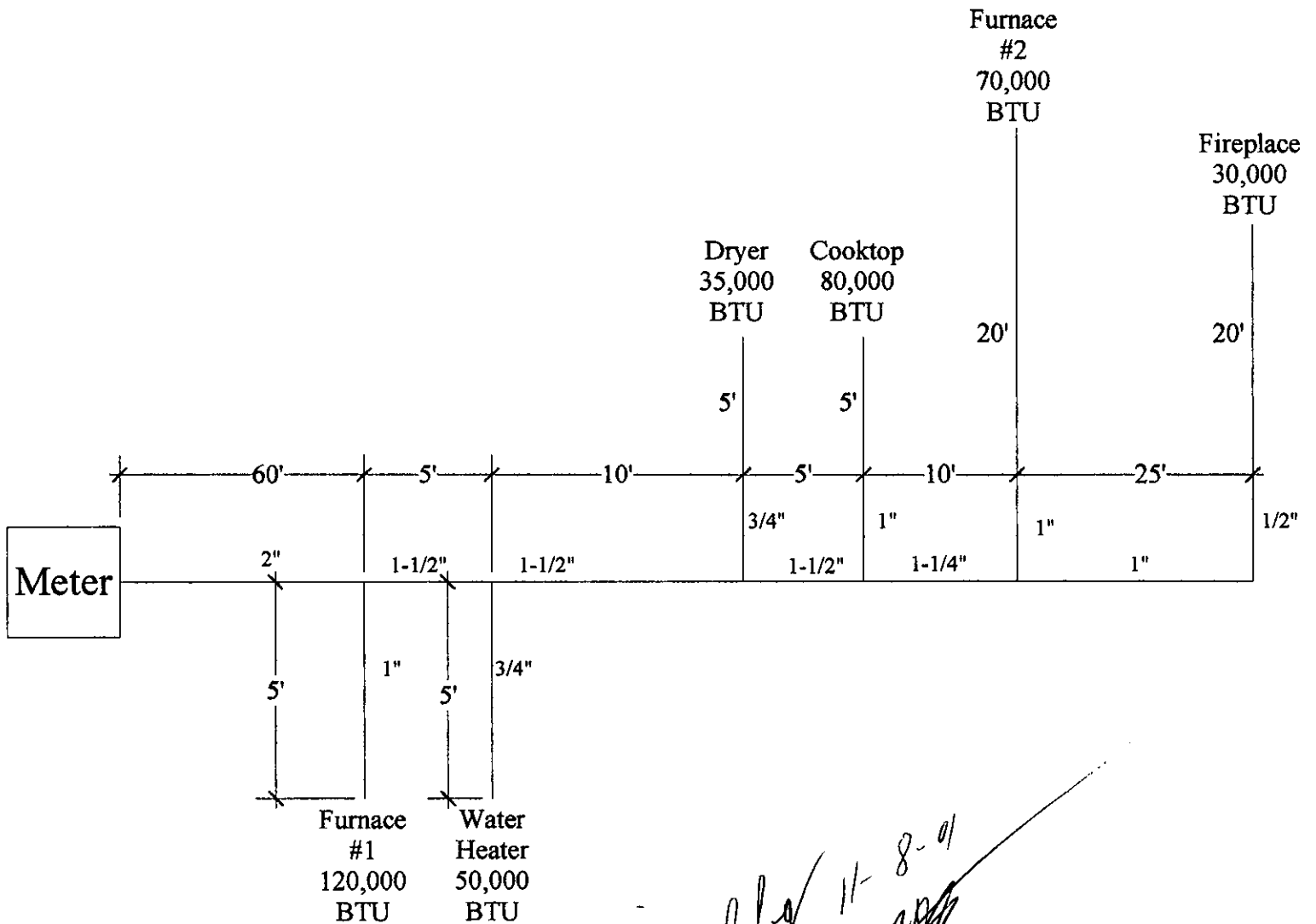
GALLONS PER MINUTE 20

SIZE OF SERVICE 1"

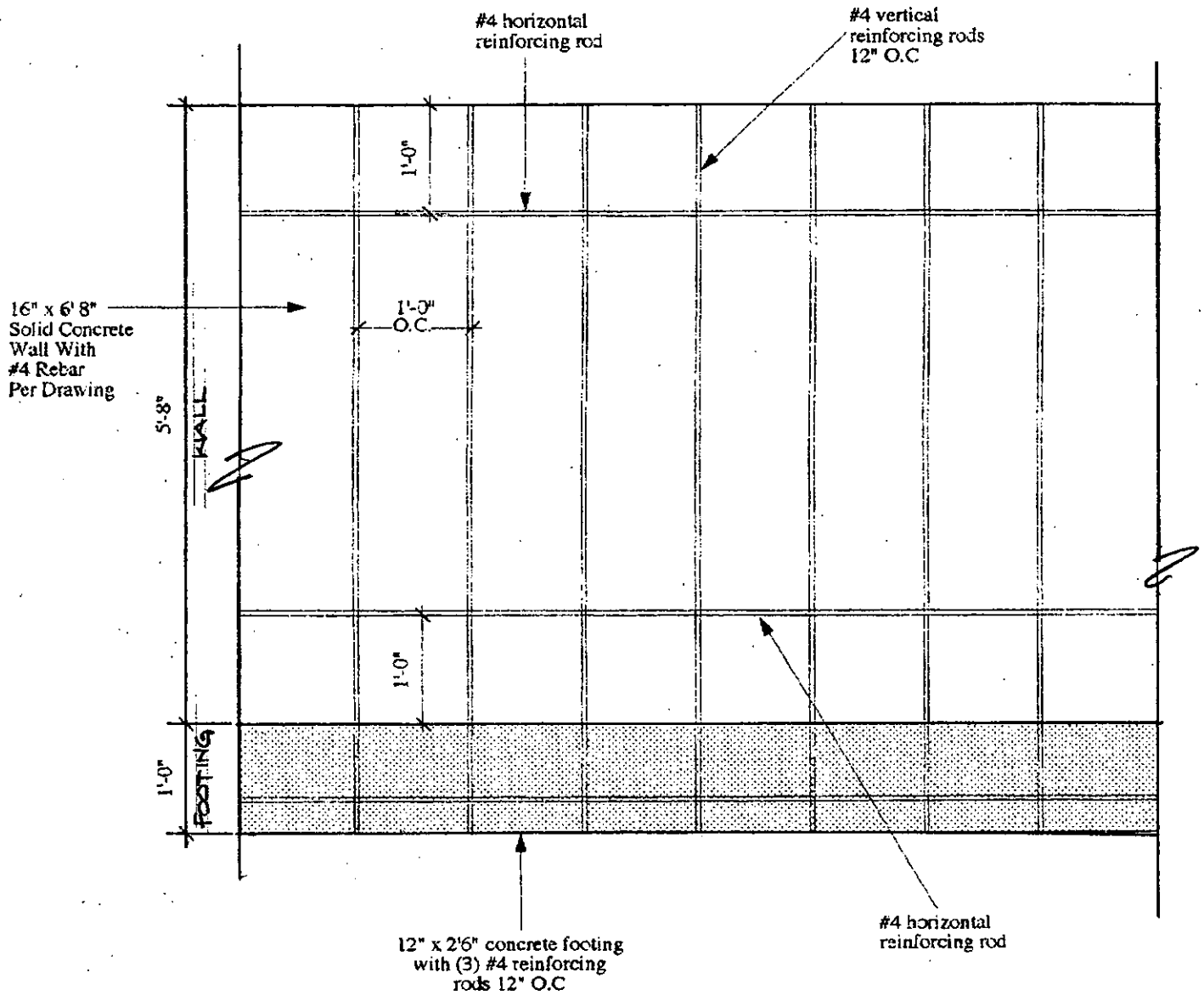
Hasse Residence

Block #1385.08 Lot #5
61846 Turkey Point Rd.
Brick, NJ 08723

GAS PIPING RISER DIAGRAM



618 Turkey Point Rd. - Hasse Residence
Dropped Footing and Solid Wall Details
Side View



New Residence for
Steven and Rebecca Hasse
 Lot 5, Block 1385.08
 Brick Township, Ocean County, NJ

MICHAEL MELILLO, AIA
ARCHITECT
 1903 Barbee Lane Wall Twp., NJ 07719
 7 3 2 9 7 4 8 5 9 3

Michael Melillo

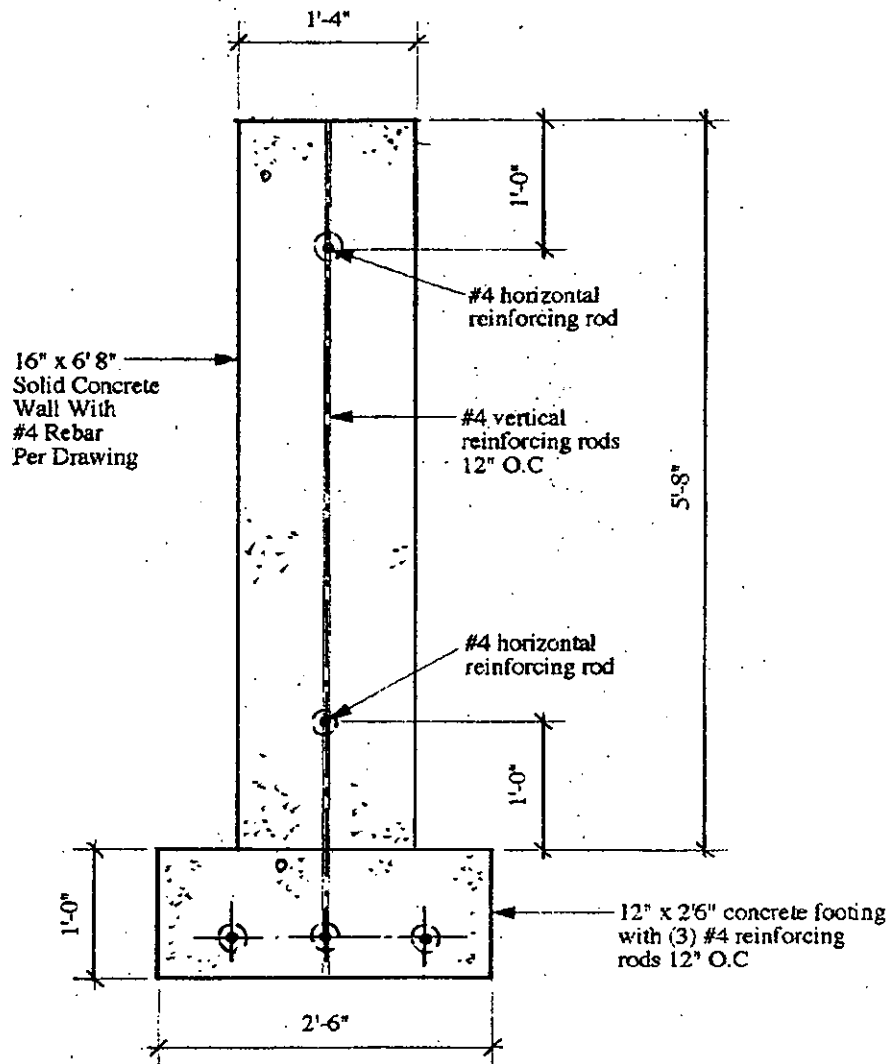
S-1

Nov. 28, 2001

NJ License No. AI 10928

Sheet 1 of 2

618 Turkey Point Rd. - Hasse Residence
Dropped Footing and Solid Wall Details
Cross Section



New Residence for
Steven and Rebecca Hasse

Lot 5, Block 1385.08
 Brick Township, Ocean County, NJ

MICHAEL MELILLO, AIA
ARCHITECT

1903 Barbee Lane Wall Twp., NJ 07719
 7 3 2 9 7 4 8 5 9 3

Michael Melillo
S-2

Nov. 28, 2001

NJ License No. AI 10928

Sheet 1 of 2

MICHAEL MELILLO, AIA
ARCHITECT

1903 Barbee Lane, Wall Twp., NJ 07719

7 3 2 9 7 4 8 5 9 3

December 3, 2001

Mr. Frank Mizer, Building Sub-Code Official
Brick Township Building Department.
401 Chambers Bridge Road
Brick, NJ 08723

RE: New Residence for Mr. and Mrs. Hasse
Lot 5, Block 1385.08

Mr. Mizer,

The stepped foundation wall and footing in the five areas of the above referenced foundation is acceptable, provided the reinforcing is consistent with previously submitted details S-1 and S-2. Since this is a solid reinforced concrete foundation and not a hollow block foundation, the rule of thumb '1 Rise to 2 Run' criteria does not apply.

Please call if you have any questions

Thank You,

A handwritten signature in black ink, appearing to read 'Michael Melillo', written over a horizontal line.

Michael Melillo, AIA

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724
(732) 458-7000 • FAX (732) 458-5378

APPLICATION FOR AUXILIARY WATER METER

Date: 2/5/02

Applicant's Name: Stephen J. Hase Telephone No. 732-295-9551

Mailing Address: 816 Ocean Rd. Pt Pleasant NJ 08742

Service Location: 618 Turkey Point Rd -

Account Number: T167595 Block: 1385.08 Lot: 5

Size of Existing Service: 1" Size of Existing Meter: 1"

[Signature] Applicant's Signature [Signature] Authority Representative

THIS APPLICATION IS VALID FOR 30 DAYS FROM DATE OF APPLICATION.

Please note the following:

At the customer's option, a separate account may be established, subject to all conditions of the rate schedule as applicable to water usage.

After completing this application the following steps must be taken:

1. Obtain a special device permit from the Township of Brick Plumbing Department.
2. A licensed plumber or homeowner must cut into the pipe **BEFORE** the existing yoke and install a second meter yoke. A valve before and after the meter is required.
3. Call the Township of Brick Plumbing Department (262-1000) for inspection.
4. Call Brick Utilities for installation of the meter. A copy of the completed permit, showing inspection approval, will be required before the meter is installed.
5. It is the customer's responsibility to insure that the meter is installed and the permit was approved. Failure to do so may result in a tampering fee of \$250.00 and service will be terminated.
6. A charge for cost of the meter will be applied to the first billing. Quarterly bills for usage only will be issued at the rate of \$2.83 per 1,000 gallons.



Re: 08023rv1
Hasse Residence

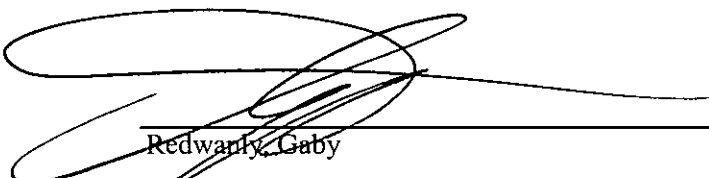
MiTek Industries, Inc.

14515 North Outer Forty Drive
Suite 300
Chesterfield, MO 63017-5746
Telephone 314/434-1200
Fax 314/434-5343

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

Pages or sheets covered by this seal: I1798465 thru I1798493

My license renewal date for the state of New Jersey is April 30, 2002.



December 17, 2001

Redwanly Gaby

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

Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798465
08023RV1	H1	ROOF TRUSS	4	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701 4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:15 2001 Page 1

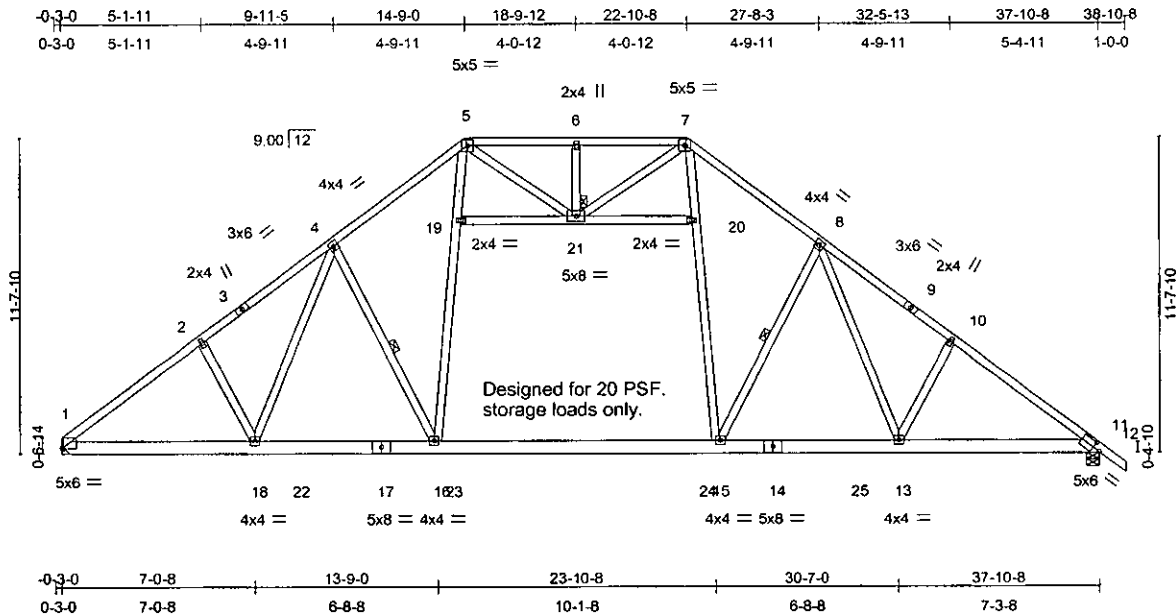


Plate Offsets (X,Y): [1:0-0-8,0-0-4], [11:0-3-2,0-2-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.71	in (loc) l/defl	MII20	197/144
TCCL 10.0	Plates Increase 1.15	BC 0.90	Vert(LL) -0.56 13-15 >801		
BCCL 0.0	Lumber Increase 1.15	WB 0.72	Vert(TL) -0.64 13-15 >706		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.08 11 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		
				Weight: 215 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 6 SPF 1650F 1.5E
WEBS 2 X 4 SPF No.2 *Except*
2-18 2 X 4 SPF Stud/Std, 10-13 2 X 4 SPF Stud/Std
6-21 2 X 4 SPF Stud/Std, 5-21 2 X 4 SPF Stud/Std
7-21 2 X 4 SPF Stud/Std

BRACING
TOP CHORD Sheathed or 2-10-13 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 4-16, 8-15, 19-20

REACTIONS (lb/size) 1=2182/Mechanical, 11=2280/0-5-8
Max Horz 1=-260(load case 4)
Max Uplift 1=-127(load case 6), 11=-116(load case 7)
Max Grav 1=2184(load case 2), 11=2306(load case 3)

FORCES(lb) - First Load Case Only
TOP CHORD 1-2=-3218, 2-3=-3015, 3-4=-2897, 4-5=-2552, 5-6=-2025, 6-7=-2025, 7-8=-2559, 8-9=-2941,
9-10=-3059, 10-11=-3258, 11-12=52
BOT CHORD 1-18=2415, 18-22=2182, 17-22=2182, 16-17=2182, 16-23=1870, 23-24=1870, 15-24=1870,
14-15=2199, 14-25=2199, 13-25=2199, 11-13=2474
WEBS 2-18=-220, 4-18=382, 4-16=-519, 16-19=943, 5-19=949, 7-20=963, 15-20=957, 8-15=-550,
8-13=434, 10-13=-271, 19-21=-34, 20-21=-27, 6-21=-272, 5-21=232, 7-21=224

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 127 lb uplift at joint 1 and 116 lb uplift at joint 11.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

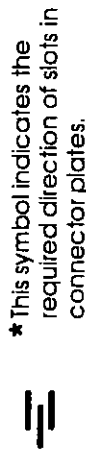
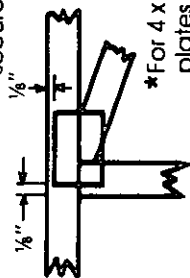
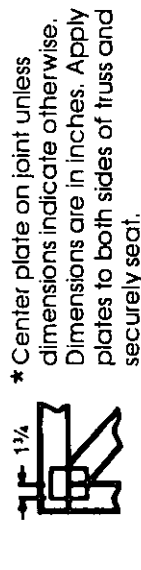
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



* 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.

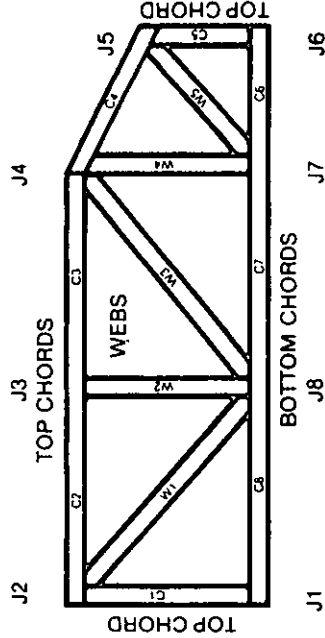
LATERAL BRACING



BEARING



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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798466
08023RV1	H1A	ROOF TRUSS	5	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701 4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:16 2001 Page 1

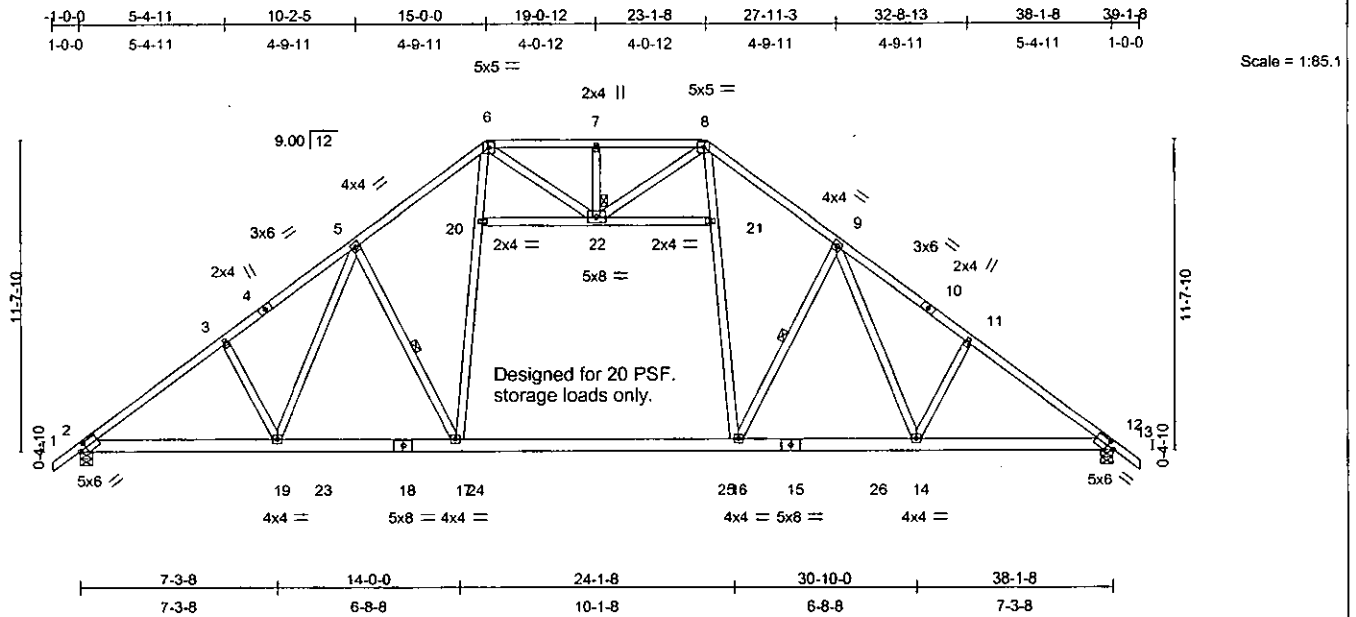


Plate Offsets (X,Y): [2:0-3-2,0-2-8], [12:0-3-2,0-2-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.70	in (loc) l/defl	MI120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.89	Vert(LL) -0.56 14-16 >814		
BCLL 0.0	Lumber Increase 1.15	WB 0.71	Vert(TL) -0.63 14-16 >722		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.08 12 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 217 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 6 SPF 1650F 1.5E
 WEBS 2 X 4 SPF No.2 *Except*
 3-19 2 X 4 SPF Stud/Std, 11-14 2 X 4 SPF Stud/Std
 7-22 2 X 4 SPF Stud/Std, 6-22 2 X 4 SPF Stud/Std
 8-22 2 X 4 SPF Stud/Std

BRACING
 TOP CHORD Sheathed or 2-10-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 5-17, 9-16, 20-21

REACTIONS (lb/size) 2=2288/0-5-8, 12=2288/0-5-8
 Max Horz 2=-252(load case 4)
 Max Uplift 2=-175(load case 6), 12=-116(load case 7)
 Max Grav 2=2312(load case 2), 12=2312(load case 3)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=52, 2-3=-3270, 3-4=-3071, 4-5=-2953, 5-6=-2574, 6-7=-2038, 7-8=-2038, 8-9=-2574,
 9-10=-2953, 10-11=-3071, 11-12=-3270, 12-13=52
 BOT CHORD 2-19=2484, 19-23=2210, 18-23=2210, 17-18=2210, 17-24=1884, 24-25=1884, 16-25=1884,
 15-16=2210, 15-26=2210, 14-26=2210, 12-14=2484
 WEBS 3-19=-272, 5-19=429, 5-17=-546, 17-20=961, 6-20=967, 8-21=967, 16-21=961, 9-16=-546,
 9-14=429, 11-14=-272, 20-22=-30, 21-22=-30, 7-22=-272, 6-22=228, 8-22=228

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 175 lb uplift at joint 2 and 116 lb uplift at joint 12.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

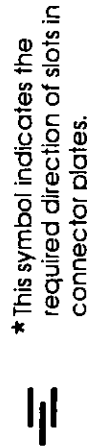
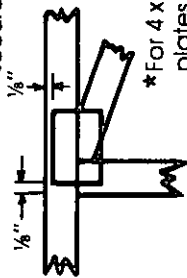
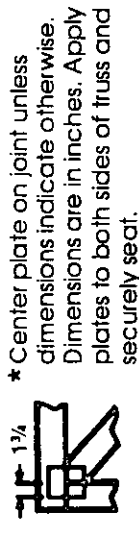
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular playing 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.

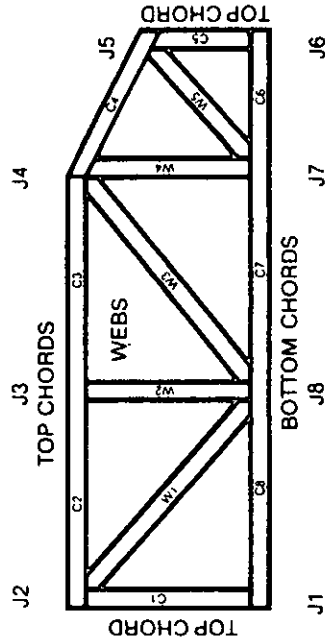
LATERAL BRACING



BEARING



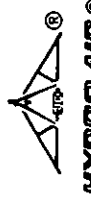
Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.

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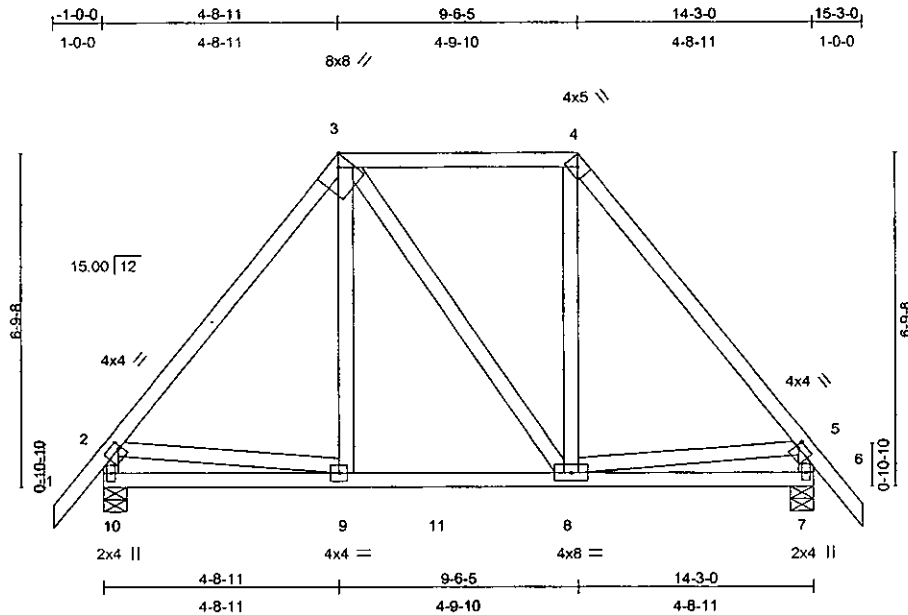


Plate Offsets (X,Y): [2:0-0-12,0-1-12], [3:0-2-12,Edge], [5:0-0-12,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.52	in (loc) I/defl	M1120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.14	Vert(LL) -0.02 8-9 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.16	Vert(TL) -0.03 8-9 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 7 n/a		
	Code BOCA/ANSI95		1st LC LL Min I/defl = 360	Weight: 77 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 WEBS 2 X 4 SPF Stud/Std *Except*
 3-8 2 X 4 SPF No.2

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

REACTIONS (lb/size) 10=833/0-5-8, 7=819/0-5-8
 Max Horz 10=144(load case 5)
 Max Uplift 10=-84(load case 6), 7=-48(load case 7)
 Max Grav 10=866(load case 2), 7=852(load case 3)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=72, 2-3=-760, 3-4=-377, 4-5=-742, 5-6=72, 2-10=-788, 5-7=-772
 BOT CHORD 9-10=164, 9-11=388, 8-11=388, 7-8=166
 WEBS 3-9=122, 3-8=-20, 4-8=92, 2-9=224, 5-8=211

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable and roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 84 lb uplift at joint 10 and 48 lb uplift at joint 7.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

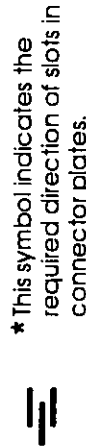
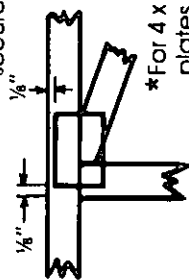
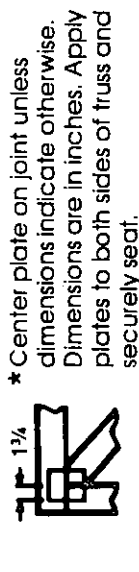
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular playing 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.

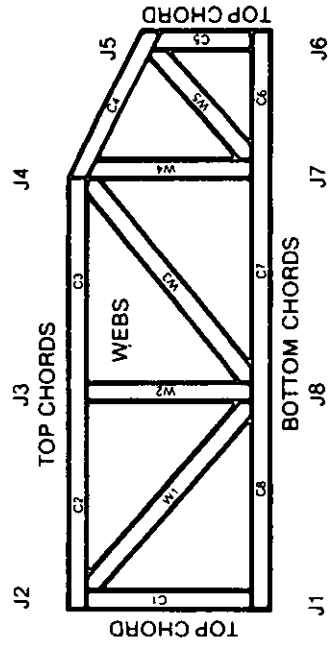
LATERAL BRACING



BEARING



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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798468
08023RV1	H3	ROOF TRUSS	2	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:17 2001 Page 1

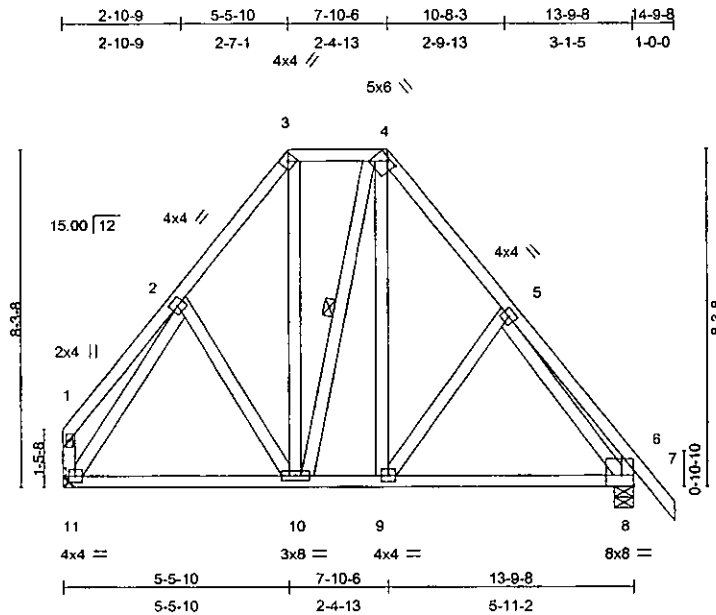


Plate Offsets (X,Y): [4:0-2-8,0-0-12], [8:Edge,0-3-4]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.39	in (loc) l/defl	MI120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.20	Vert(LL) -0.01 9 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.25	Vert(TL) -0.03 8-9 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 8 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		Weight: 93 lb

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF Stud/Std *Except*
 3-10 2 X 4 SPF No.2, 4-10 2 X 4 SPF No.2, 4-9 2 X 4 SPF No.2

BRACING
 TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 4-10

REACTIONS (lb/size) 11=671/Mechanical, 8=771/0-5-8
 Max Horz 11=-188(load case 4)
 Max Uplift 11=-23(load case 7), 8=-47(load case 7)
 Max Grav 11=671(load case 1), 8=794(load case 3)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=-236, 2-3=-531, 3-4=-283, 4-5=-550, 5-6=-314, 6-7=72, 1-11=-228, 6-8=-385
 BOT CHORD 10-11=314, 9-10=286, 8-9=350
 WEBS 2-10=-68, 3-10=143, 4-10=-18, 4-9=169, 5-9=-115, 2-11=-442, 5-8=-385

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 11 and 47 lb uplift at joint 8.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

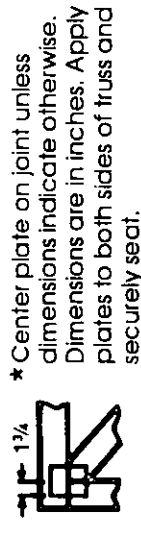
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.

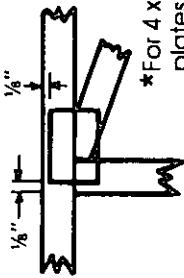


Symbols

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 tubular 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



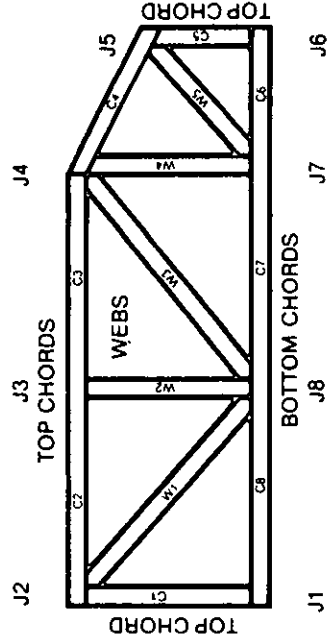
Indicates location of required continuous lateral bracing.

BEARING



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

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

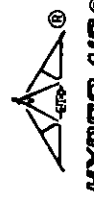
BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798469
08023RV1	H4	ROOF TRUSS	1	1	(optional)	
Woodhaven Lumber Inc., Lakewood, NJ 08701 4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:18 2001 Page 1						

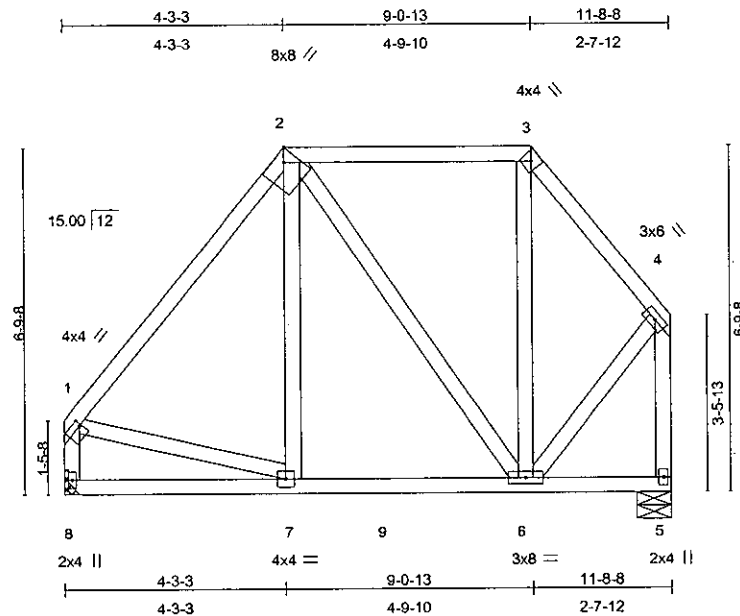


Plate Offsets (X,Y): [1:0-0-8,0-1-8], [2:0-2-12,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.56	in (loc) l/defl	MII20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.15	Vert(LL) -0.01 6-7 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.20	Vert(TL) -0.03 6-7 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 5 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 69 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud/Std *Except*
2-6 2 X 4 SPF No.2

BRACING

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

REACTIONS (lb/size) 8=611/Mechanical, 5=604/0-7-12
Max Horz 8=117(load case 6)
Max Uplift 8=-22(load case 6), 5=-61(load case 6)
Max Grav 8=645(load case 2), 5=604(load case 1)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-581, 2-3=-212, 3-4=-390, 1-8=-572, 4-5=-589
BOT CHORD 7-8=88, 7-9=291, 6-9=291, 5-6=4
WEBS 2-7=93, 2-6=-135, 3-6=-56, 1-7=210, 4-6=334

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 8 and 61 lb uplift at joint 5.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

[Signature]

December 17, 2001

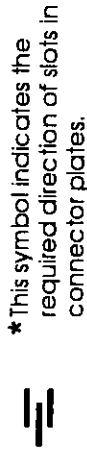
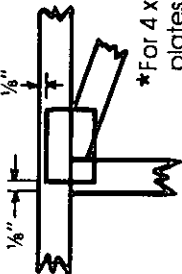
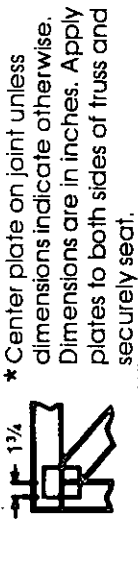
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



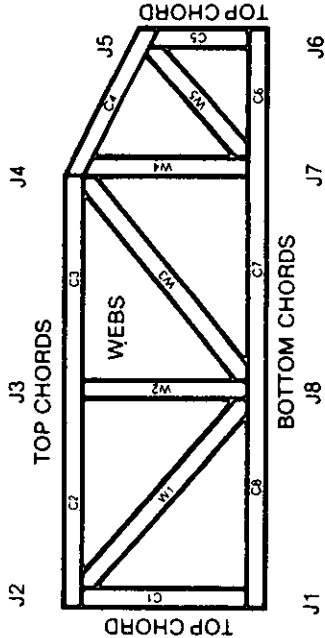
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798470
08023RV1	HGR1	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:46:02 2001 Page 1

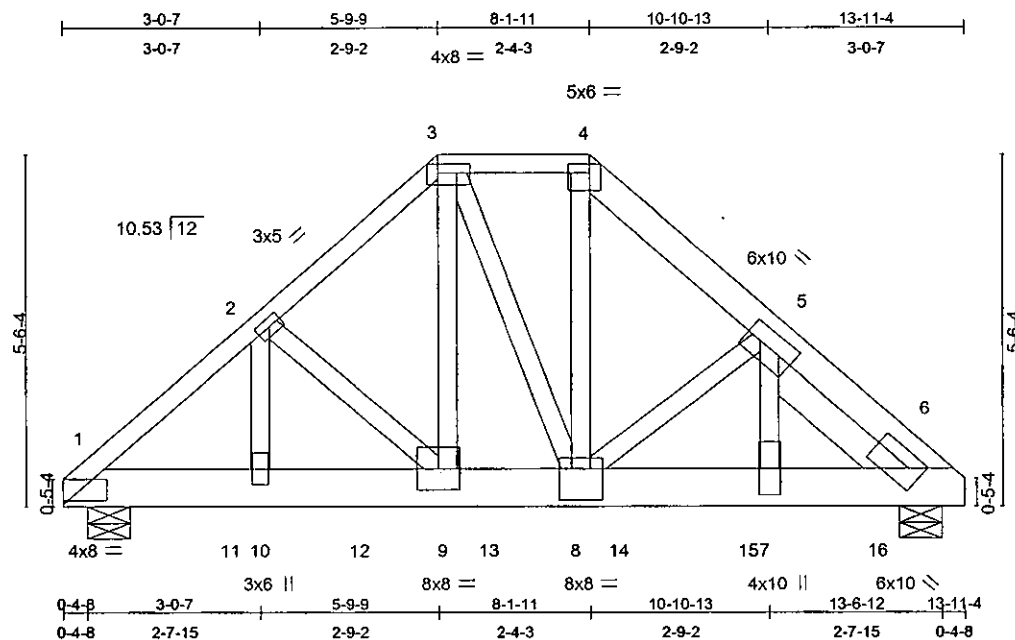


Plate Offsets (X,Y): [1:0-8-0,0-0-10], [3:0-6-0,0-1-12], [4:0-4-0,0-1-12], [6:0-2-12,0-2-8], [8:0-4-0,0-6-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.37	in (loc) l/defl	MI20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.60	Vert(LL) -0.04 7-8 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.94	Vert(TL) -0.06 7-8 >999		
BCDL 10.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.02 6 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 203 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2 *Except*
4-6 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 8 SYP No.2
WEBS 2 X 4 SPF Stud/Std
SLIDER Right 2 X 6 SPF 1650F 1.5E 2-8-0

BRACING

TOP CHORD Sheathed or 5-6-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size)

1=3823/0-7-12, 6=6996/0-7-12
Max Horz 1=-112(load case 4)
Max Uplift 1=-204(load case 6), 6=-421(load case 6)
Max Grav 1=3824(load case 2), 6=6996(load case 1)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-5085, 2-3=-4732, 3-4=-4109, 4-5=-5380, 5-6=-7355
BOT CHORD 1-11=3625, 10-11=3625, 10-12=3625, 9-12=3625, 9-13=3538, 8-13=3538, 8-14=5245, 14-15=5245, 7-15=5245, 7-16=5245, 6-16=5245
WEBS 2-10=296, 2-9=-184, 3-9=1729, 3-8=1417, 4-8=3125, 5-8=-1623, 5-7=2431

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 204 lb uplift at joint 1 and 421 lb uplift at joint 6.
- This truss has been designed with ANSI/TPI 1-1995 criteria.
- 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-5-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- Special hanger(s) or connection(s) required to support concentrated load(s) 427.9lb down at 2-7-0, 427.9lb down at 4-7-0, 2163.9lb down and 141.4lb up at 6-7-0, 2163.9lb down and 141.4lb up at 8-7-0, and 2163.9lb down and 141.4lb up at 10-7-0, and 2163.9lb down and 141.4lb up at 12-7-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

December 17, 2001

Continued on page 2 of 2

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

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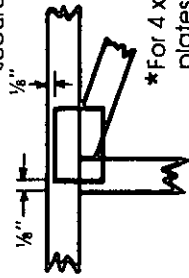


Symbols

PLATE LOCATION AND ORIENTATION

 1 1/4
1/8

* 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 tubular 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



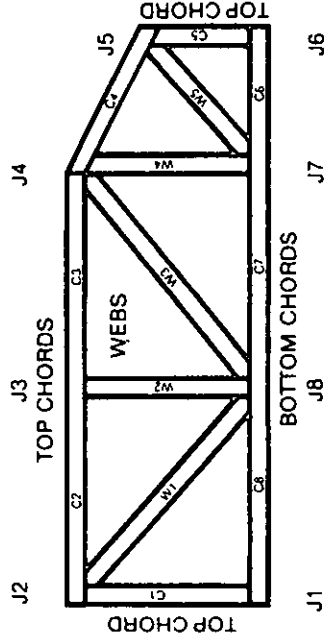
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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®



HYDRO-AIR®



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798470
08023RV1	HGR1	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:46:03 2001 Page 2

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-3=-80.0, 3-4=-80.0, 4-6=-80.0, 1-6=-20.0

Concentrated Loads (lb)

Vert: 11=-427.9 12=-427.9 13=-2163.9 14=-2163.9 15=-2163.9 16=-2163.9

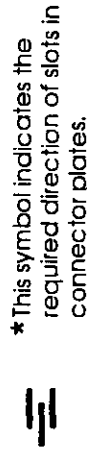
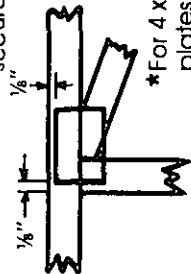
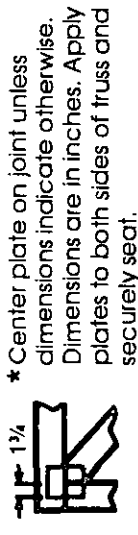
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



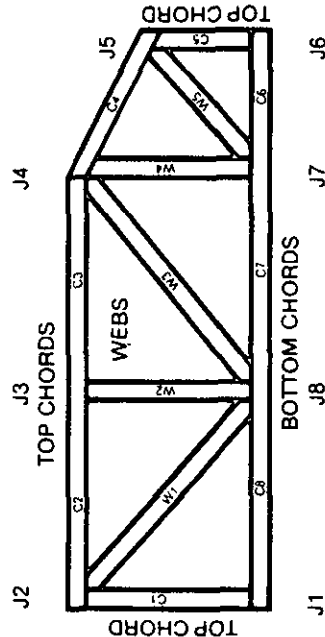
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798471
08023RV1	HGR2	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:46:22 2001 Page 1

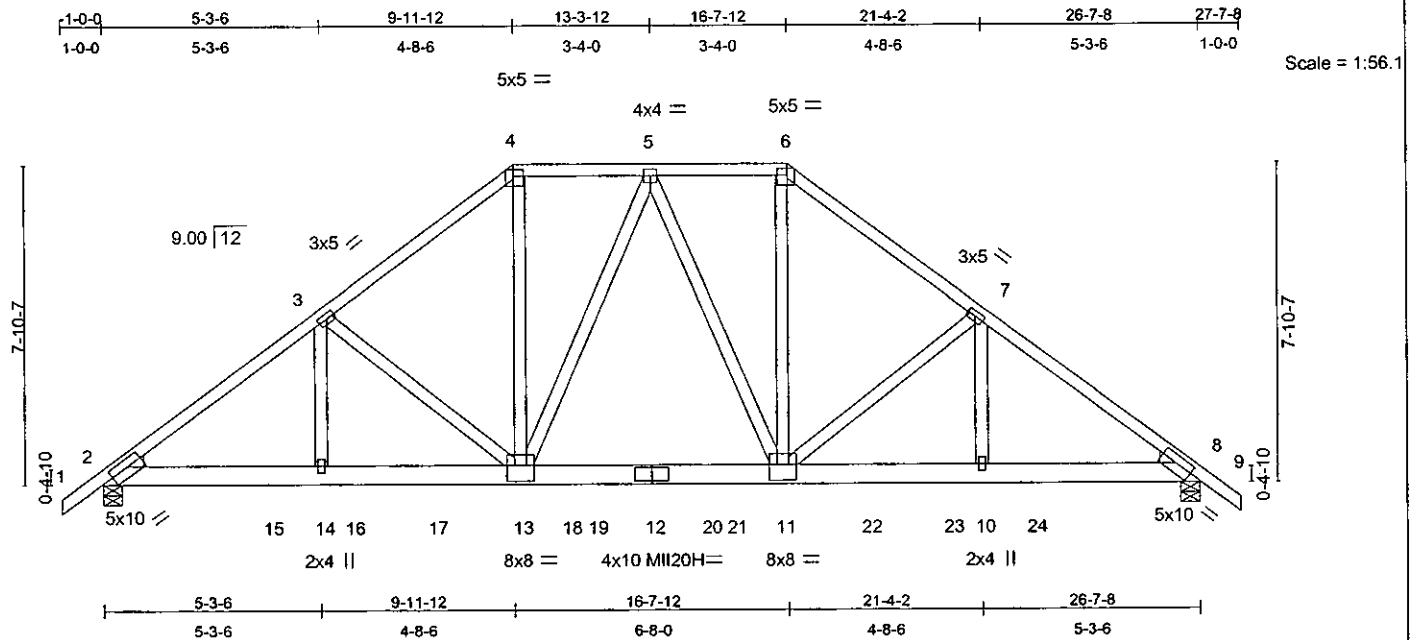


Plate Offsets (X,Y): [2:0-3-6,0-2-4], [4:0-3-0,0-2-0], [6:0-3-0,0-2-0], [8:0-3-6,0-2-4], [11:0-4-0,0-4-12], [13:0-4-0,0-4-12]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.82	Vert(LL) -0.22	11-13	>999	MI120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.83	Vert(TL) -0.32	11-13	>992	MI120H	148/108
BCLL 0.0	Rep Stress Incr NO	WB 0.77	Horz(TL) 0.09	8	n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360			Weight: 143 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 6 SPF 1650F 1.5E
 WEBS 2 X 4 SPF Stud/Std *Except*
 4-13 2 X 4 SPF No.2, 5-13 2 X 4 SPF No.2, 5-11 2 X 4 SPF No.2
 6-11 2 X 4 SPF No.2

WEDGE

Left: 2 X 4 SPF Stud/Std, Right: 2 X 4 SPF Stud/Std

REACTIONS (lb/size) 2=3155/0-5-8, 8=3155/0-5-8

Max Horz 2=-168(load case 4)
 Max Uplift 2=-1123(load case 6), 8=-1074(load case 7)
 Max Grav 2=3186(load case 2), 8=3186(load case 3)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=52, 2-3=-4633, 3-4=-3787, 4-5=-2971, 5-6=-2971, 6-7=-3786, 7-8=-4633, 8-9=52
 BOT CHORD 2-15=3558, 14-15=3558, 14-16=3558, 16-17=3558, 13-17=3558, 13-18=3001, 18-19=3001, 12-19=3001, 12-20=3001,
 20-21=3001, 11-21=3001, 11-22=3558, 22-23=3558, 10-23=3558, 10-24=3558, 8-24=3558
 WEBS 3-14=676, 3-13=-804, 4-13=1831, 5-13=-81, 5-11=-81, 6-11=1830, 7-11=-804, 7-10=676

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- All plates are MI120 plates unless otherwise indicated.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1123 lb uplift at joint 2 and 1074 lb uplift at joint 8.
- This truss has been designed with ANSI/TPI 1-1995 criteria.
- Special hanger(s) or connection(s) required to support concentrated load(s) 302.3lb down and 200.6lb up at 4-0-8, 313.7lb down and 103.5lb up at 6-0-8, 306.6lb down and 155.5lb up at 8-0-8, 316.2lb down and 209.1lb up at 10-0-8, 316.2lb down and 209.1lb up at 11-3-12, 276.2lb down and 209.1lb up at 13-3-12, 316.2lb down and 209.1lb up at 15-3-12, 316.2lb down and 209.1lb up at 16-7-0, 306.6lb down and 155.5lb up at 18-7-0, and 313.7lb down and 103.5lb up at 20-7-0, and 302.3lb down and 200.6lb up at 22-7-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

December 17, 2001

Continued on page 2

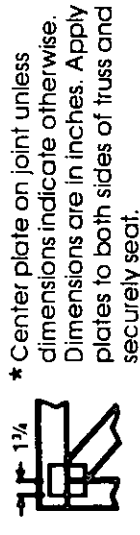
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.

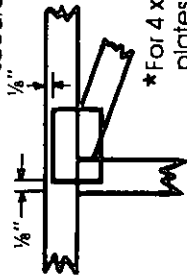


Symbols

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 tubular 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



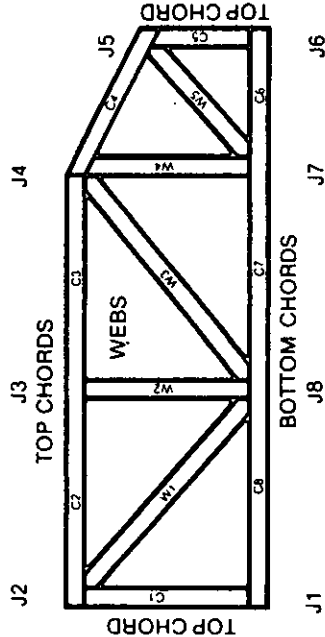
Indicates location of required continuous lateral bracing.

BEARING



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

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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798471
08023RV1	HGR2	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:46:22 2001 Page 2

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-4=-80.0, 4-6=-80.0, 6-9=-80.0, 2-19=-20.0, 19-20=-60.0, 8-20=-20.0

Concentrated Loads (lb)

Vert: 12=-276.2 13=-316.2 11=-316.2 15=-302.3 16=-313.7 17=-306.6 18=-316.2 21=-316.2 22=-306.6 23=-313.7 24=-302.3

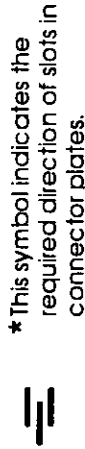
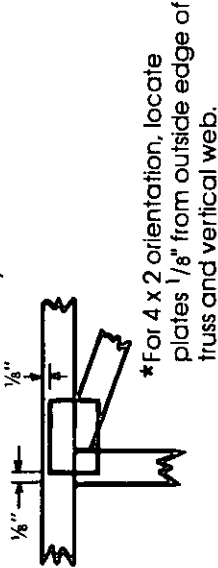
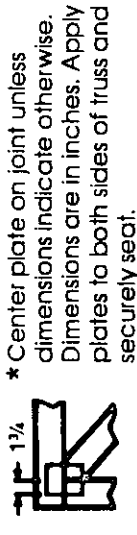
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Symbols

PLATE LOCATION AND ORIENTATION



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

* For tubular playing 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



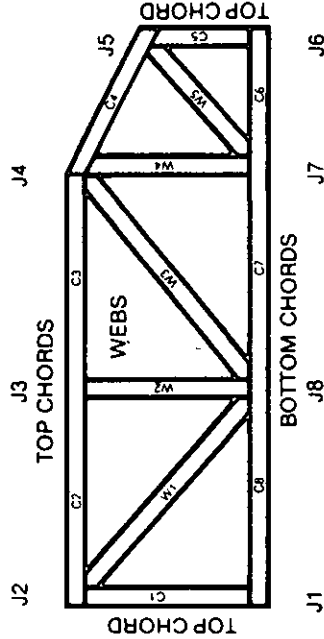
Indicates location of required continuous lateral bracing.

BEARING



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

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®



HYDRO-AIR®



PANEL CLIP™

General Safety Notes

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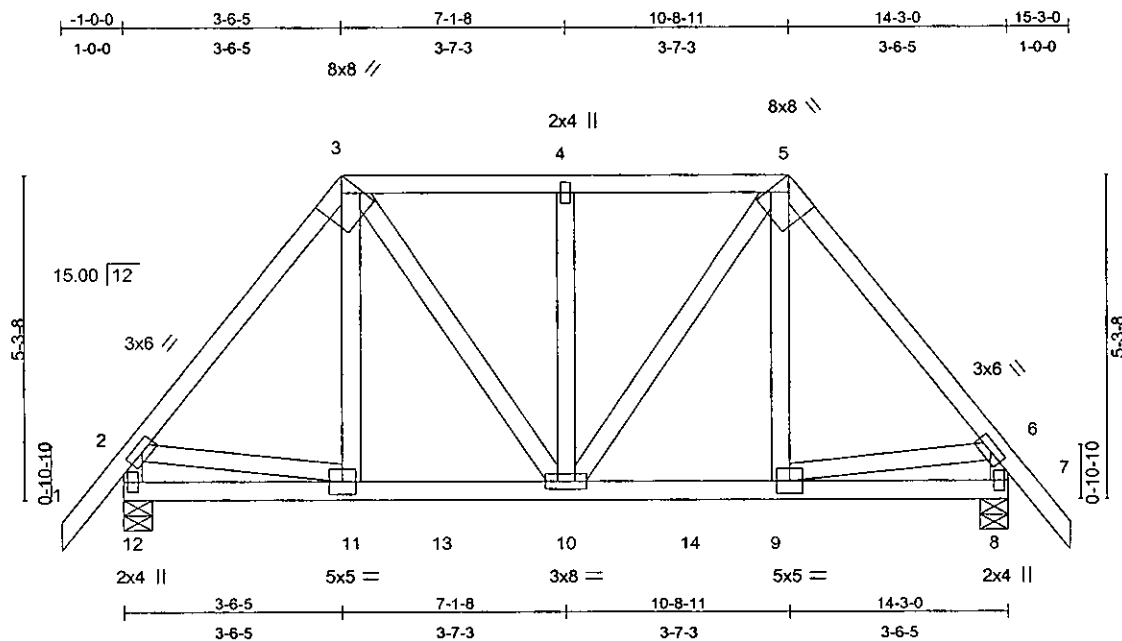
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798472
08023RV1	HGR3	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:46:42 2001 Page 1



Scale = 1:37.2

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

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.40	in (loc) l/defl	MII20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.50	Vert(LL) -0.04 9-10 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.58	Vert(TL) -0.07 9-10 >999		
BCDL 10.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.01 8 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 79 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-3-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 12=1744/0-5-8, 8=1743/0-5-8

Max Horz 12=-110(load case 7)
Max Uplift 12=-447(load case 6), 8=-394(load case 6)
Max Grav 12=1784(load case 2), 8=1784(load case 3)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=72, 2-3=-1774, 3-4=-1410, 4-5=-1410, 5-6=-1774, 6-7=72, 2-12=-1720, 6-8=-1719
BOT CHORD 11-12=88, 11-13=1050, 10-13=1050, 10-14=1050, 9-14=1050, 8-9=88
WEBS 3-11=517, 3-10=608, 4-10=-250, 5-10=608, 5-9=517, 2-11=964, 6-9=964

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 447 lb uplift at joint 12 and 394 lb uplift at joint 8.
- This truss has been designed with ANSI/TPI 1-1995 criteria.
- Special hanger(s) or connection(s) required to support concentrated load(s) 463.1lb down and 189.8lb up at 3-7-1, 327.2lb down and 105.8lb up at 5-1-8, 327.2lb down and 105.8lb up at 7-1-8, and 327.2lb down and 105.8lb up at 9-1-8, and 463.1lb down and 189.8lb up at 10-7-15 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

- Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-80.0, 2-3=-80.0, 3-5=-80.0, 5-6=-80.0, 6-7=-80.0, 8-12=-20.0
Concentrated Loads (lb)
Vert: 11=-463.1 10=-327.2 9=-463.1 13=-327.2 14=-327.2

December 17, 2001

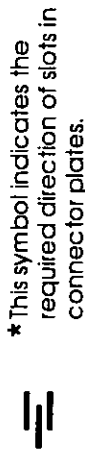
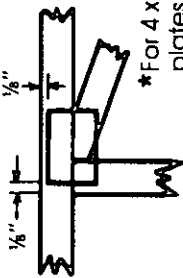
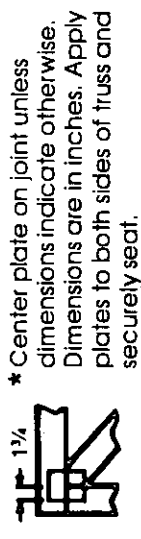
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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.

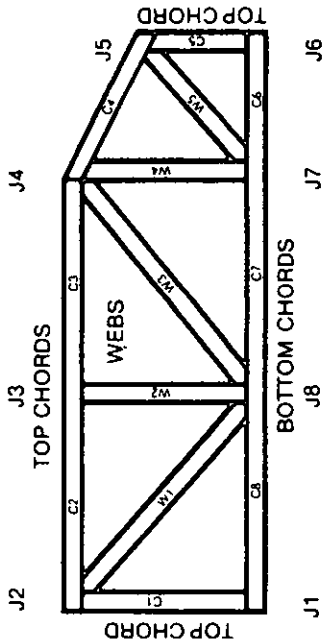
LATERAL BRACING



BEARING



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	ICB 17.08
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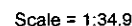


General Safety Notes

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.

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.44	Vert(LL) -0.04 8-9 >999	MN20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.56	Vert(TL) -0.06 8-9 >999		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.50	Horz(TL) 0.01 6 n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 73 lb	

BRACING
TOP CHORD Sheathed or 4-11-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
 6-0-0 oc bracing: 9-10.

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=-1377, 2-3=-1049, 3-4=-1049, 4-5=-1072, 1-10=-1435, 5-6=-1167
BOT CHORD 9-10=37, 9-11=816, 8-11=816, 8-12=615, 7-12=615, 6-7=30
WEBS 2-9=411, 2-8=394, 3-8=-262, 4-8=735, 4-7=-96, 1-9=829, 5-7=656

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3'-6" between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 361 lb uplift at joint 10 and 264 lb uplift at joint 6.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.
- 9) Special hanger(s) or connection(s) required to support concentrated load(s) 463.1lb down and 189.8lb up at 3'-1-9, 327.2lb down and 105.8lb up at 4'-8-0, and 304.0lb down and 114.9lb up at 6'-8-0, and 234.2lb down and 120.9lb up at 8'-8-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

1) Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-80.0, 2-4=-80.0, 4-5=-80.0, 6-10=-20.0

December 17, 2001

Continued on page 2

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

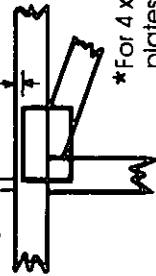
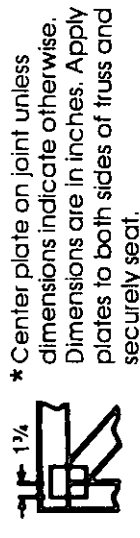
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MiTek®

Symbols

PLATE LOCATION AND ORIENTATION



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



* For tubular 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



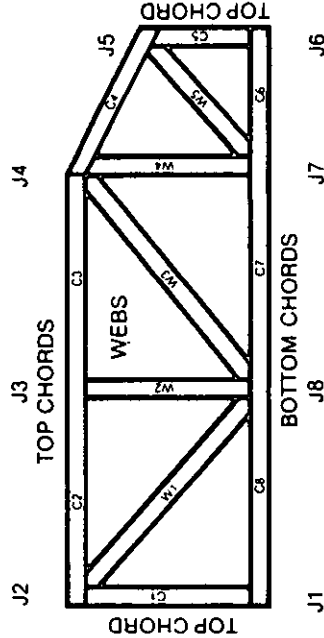
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798473
08023RV1	HGR4	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 9=-463.1 8=-304.0 11=-327.2 12=-234.2

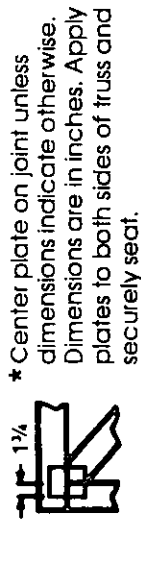
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.

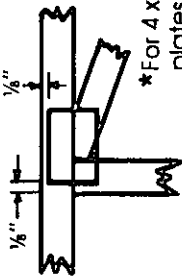


Symbols

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 tubular playing 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



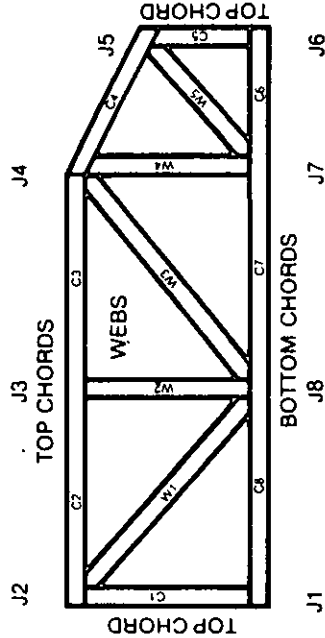
Indicates location of required continuous lateral bracing.

BEARING



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

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®



HYDRO-AIR®



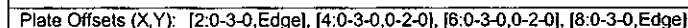
TM

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.

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LUMBER	BRACING
TOP CHORD 2 X 4 SPF No.2	TOP CHORD Sheathed or 2-9-8 oc purlins.
BOT CHORD 2 X 6 SPF 1650F 1.5E	BOT CHORD Rigid ceiling directly applied or 9-2-9 oc bracing.
WEBS 2 X 4 SPF Stud/Std	

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=52, 2-3=-3056, 3-4=-2817, 4-5=-2203, 5-6=-2203, 6-7=-2817, 7-8=-3056, 8-9=52
 BOT CHORD 2-13=2360, 13-14=2360, 14-15=2360, 12-15=2360, 12-16=2256, 16-17=2256, 11-17=2256, 11-18=2256, 18-19=2256,
 10-19=2256, 10-20=2360, 20-21=2360, 21-22=2360, 8-22=2360
 WEBS 3-12=-239, 4-12=1322, 5-12=-115, 5-10=-115, 6-10=1322, 7-10=-239

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B. ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) All plates are M120 plates unless otherwise indicated.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 848 lb uplift at joint 2 and 799 lb uplift at joint 8.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.
- 9) Special hanger(s) or connection(s) required to support concentrated load(s) 150.0lb down and 94.8lb up at 2-2-12, 182.4lb down and 70.3lb up at 4-2-12, 193.3lb down and 119.1lb up at 6-2-12, 231.1lb down and 172.8lb up at 8-2-12, 231.1lb down and 172.8lb up at 9-6-0, 191.1lb down and 172.8lb up at 11-6-0, 231.1lb down and 172.8lb up at 13-6-0, 231.1lb down and 172.8lb up at 14-9-4, 193.3lb down and 119.1lb up at 16-9-4, and 182.4lb down and 70.3lb up at 18-9-4, and 150.0lb down and 94.8lb up at 20-9-4 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

December 17, 2001

Continued on page 2

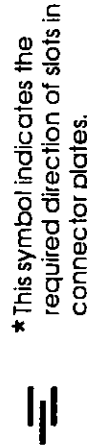
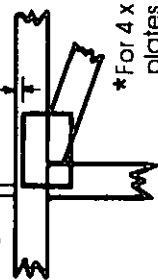
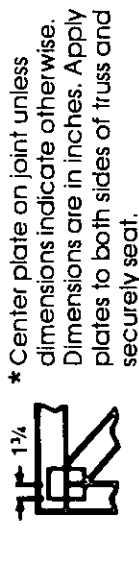
▲ WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



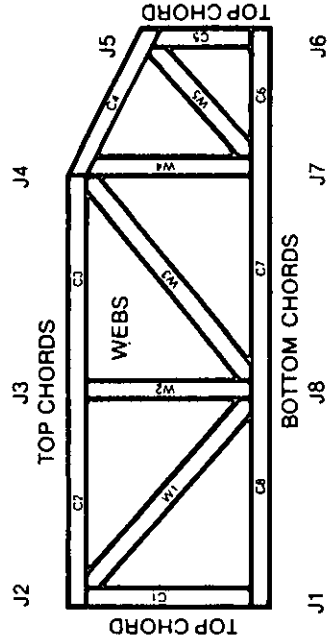
Indicates location of required continuous lateral bracing.

BEARING



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

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



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

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798474
08023RV1	HGR5	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-4=-80.0, 4-6=-80.0, 6-9=-80.0, 2-17=-20.0, 17-18=-60.0, 8-18=-20.0

Concentrated Loads (lb)

Vert: 11=-191.1 12=-231.1 10=-231.1 13=-150.0 14=-182.4 15=-193.3 16=-231.1 19=-231.1 20=-193.3 21=-182.4 22=-150.0

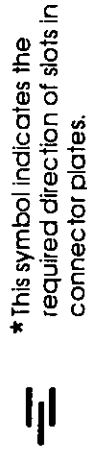
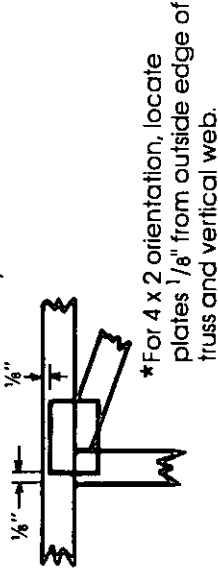
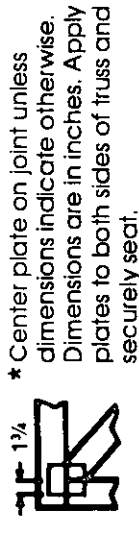
⚠ WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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Symbols

PLATE LOCATION AND ORIENTATION

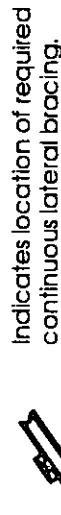


* For tubular playing format refer to the Mitek/Gang-Nail Joint/Plate Placement Chart.

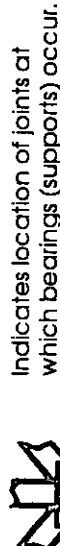
PLATE SIZE

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

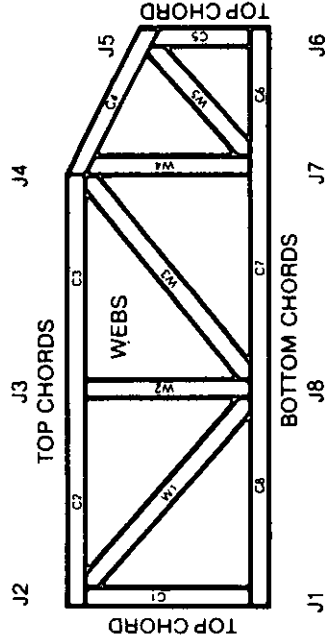
LATERAL BRACING



BEARING



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

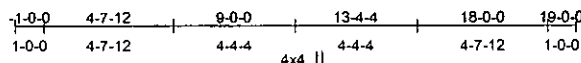
Failure to Follow Could Cause Property Damage or Personal Injury

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.
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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	Hasse Residence	11798475
08023RV1	T1	ROOF TRUSS	2	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Oct 29 2001 Mitek Industries, Inc. Thu Dec 13 10:58:24 2001 Page 1



Scale = 1:82.5

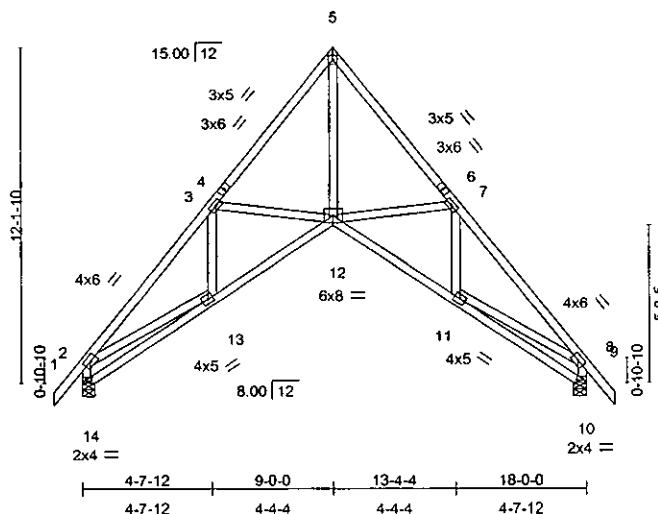


Plate Offsets (X,Y): [10:0-2-4,0-1-0], [14:0-2-4,0-1-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.57	in (loc) l/defl	MII20	197/144
TCCL 10.0	Plates Increase 1.15	BC 0.30	Vert(LL) -0.07 12 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.79	Vert(TL) -0.12 12-13 >999		
BCCL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.18 10 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		
				Weight: 99 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud/Std

BRACING
TOP CHORD Sheathed or 4-7-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 14=977/0-5-8, 10=977/0-5-8
Max Horz 14=268(load case 5)
Max Uplift 14=-58(load case 7), 10=-58(load case 6)

FORCES(lb) - First Load Case Only
TOP CHORD 1-2=72, 2-3=-1542, 3-4=-1200, 4-5=-1067, 5-6=-1067, 6-7=-1200, 7-8=-1542, 8-9=72, 2-14=-1036, 8-10=-1036
BOT CHORD 13-14=224, 12-13=1073, 11-12=1073, 10-11=224
WEBS 3-13=-59, 3-12=-207, 5-12=1309, 7-12=-207, 7-11=-59, 2-13=777, 8-11=777

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Bearing at joint(s) 14, 10 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 58 lb uplift at joint 14 and 58 lb uplift at joint 10.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

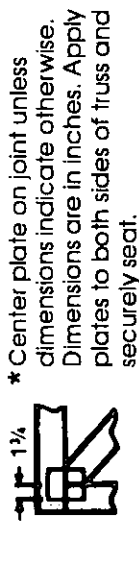
WARNING - Verify design parameters and READ NOTES on THIS AND REVERSE SIDE BEFORE USE.

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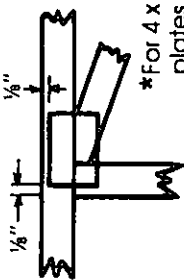


Symbols

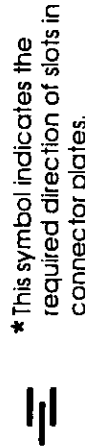
PLATE LOCATION AND ORIENTATION



* 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 tubular 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



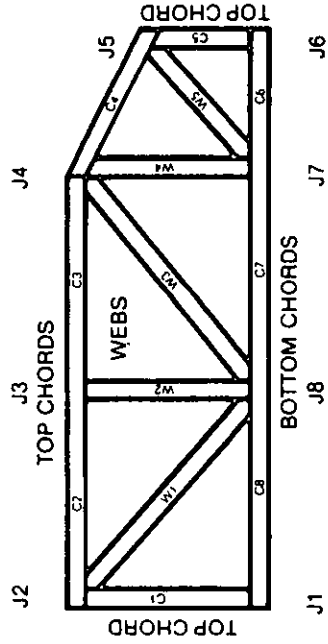
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



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WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

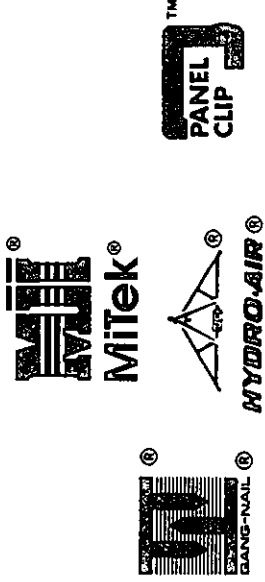
BOCA	86-93, 85-75, 91-28
HUD/FHA	TCB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

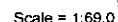
General Safety Notes

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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.

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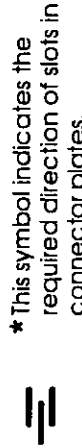
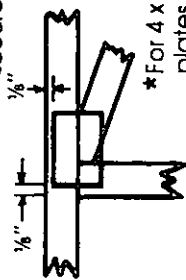
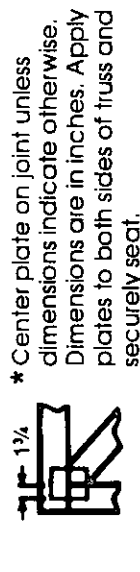
LOAD CASE(S) Standard

December 17, 2001



Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



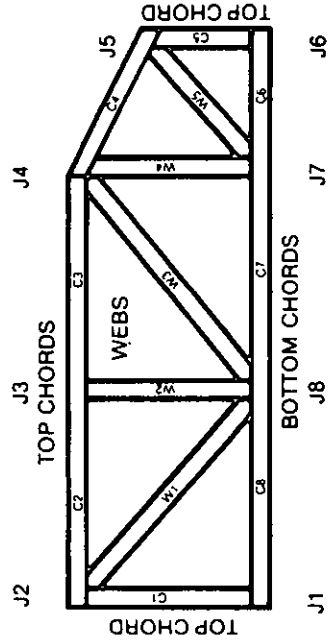
Indicates location of required continuous lateral bracing.

BEARING



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

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	ICB 17.08
ICBO	1591, 1329, 4922
SBCCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N

General Safety Notes

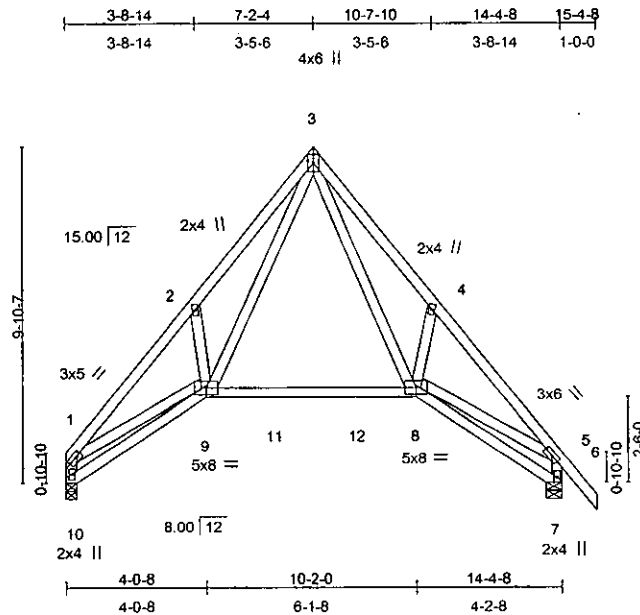
Failure to Follow Could Cause Property Damage or Personal Injury

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.
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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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798477
08023RV1	T17	ROOF TRUSS	1	1	(optional)	



Scale = 1:67.1

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

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.59	Vert(LL) -0.10 8-9 >999	MH20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.31	Vert(TL) -0.17 8-9 >999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.43	Horz(TL) 0.10 7 n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 81 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud/Std *Except*
3-9 2 X 4 SPF No.2, 3-8 2 X 4 SPF No.2

BRACING

TOP CHORD Sheathed or 5-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size)

S (lb/size) 10=749/0-3-8, 7=848/0-5-8
 Max Horz 10=-228(load case 4)
 Max Uplift 10=-42(load case 7), 7=-49(load case 6)

FORCES(lb) - First Load Case Only

TOP CHORD 1-2=-1343, 2-3=-1273, 3-4=-1210, 4-5=-1299, 5-6=72, 1-10=-826, 5-7=-876
BOT CHORD 9-10=213, 9-11=392, 11-12=392, 8-12=392, 7-8=126
WEBS 2-9=-219, 3-9=837, 3-8=776, 4-8=-205, 1-9=672, 5-8=718

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 5) Bearing at joint(s) 10, 7 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 42 lb uplift at joint 10 and 49 lb uplift at joint 7.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

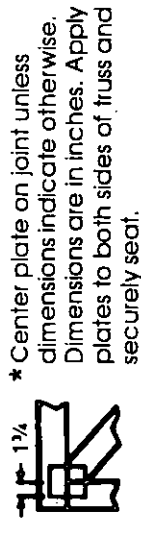
⚠ WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

Design valid for use only with Mifek 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'Oroville Drive, Madison, WI 53719.



Symbols

PLATE LOCATION AND ORIENTATION



1/8"



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



* For tubular playing 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.

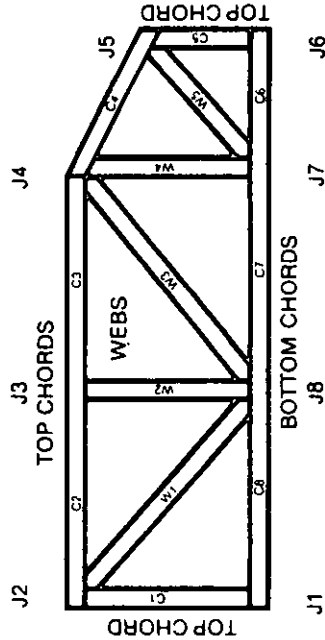


BEARING



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

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

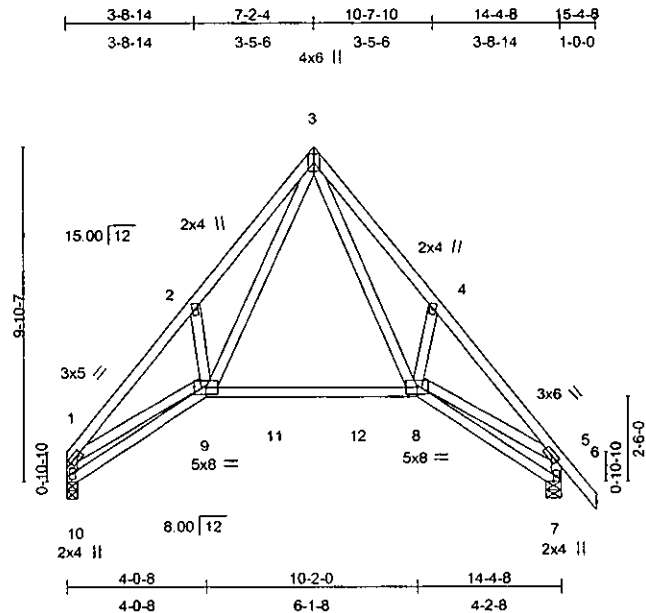


General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

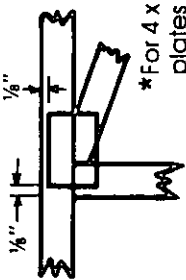
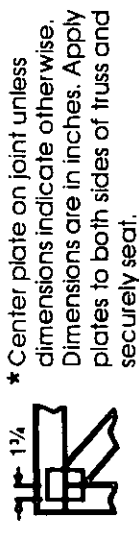
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Symbols

PLATE LOCATION AND ORIENTATION



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



* For tubular playing 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.

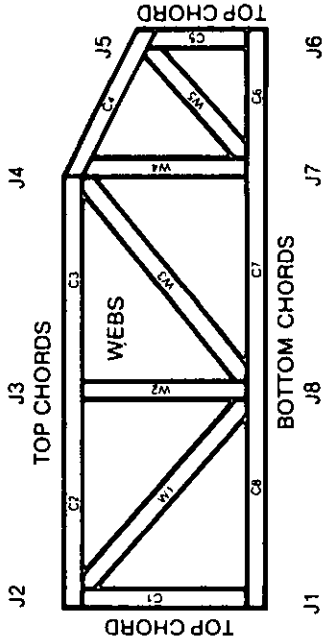


BEARING

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



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

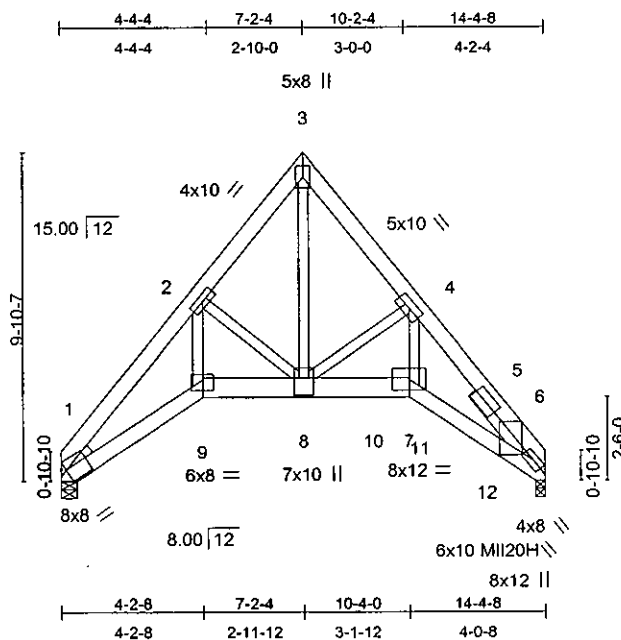
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798479
08023RV1	T18	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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Scale = 1:68.7

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

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.64	Vert(LL) -0.13	7-8	>999	MI20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.89	Vert(TL) -0.20	7-8	>852	MI20H	148/108
BCLL 0.0	Rep Stress Incr NO	WB 0.82	Horz(TL) 0.28	6	n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min I/defl = 360			Weight: 211 lb	

LUMBER

TOP CHORD 2 X 6 SPF 1650F 1.5E
 BOT CHORD 2 X 6 SPF 1650F 1.5E *Except*
 7-9 2 X 8 SYP No.2
 WEBS 2 X 4 SPF Stud/Std *Except*
 3-8 2 X 4 SPF 1650F 1.5E, 4-7 2 X 4 SPF No.2

WEDGE

Left: 2 X 4 SPF Stud/Std
 SLIDER Right 2 X 4 SPF Stud/Std 2-8-10

REACTIONS (lb/size) 1=3831/0-5-8, 6=6503/0-3-14 (input: 0-3-8)
 Max Horz 1=220(load case 5)
 Max Uplift1=-1104(load case 7), 6=-1255(load case 6)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-8006, 2-3=-5820, 3-4=-5729, 4-5=-10774, 5-6=-10978
 BOT CHORD 1-9=5351, 8-9=4670, 8-10=6914, 7-10=6908, 7-11=8530, 11-12=7641, 6-12=6696
 WEBS 2-9=2710, 2-8=-1273, 3-8=8337, 4-8=-4033, 4-7=6708

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- All plates are MI20 plates unless otherwise indicated.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- WARNING: Required bearing size at joint(s) 6 greater than input bearing size.
- Bearing at joint(s) 1, 6 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1104 lb uplift at joint 1 and 1255 lb uplift at joint 6.
- This truss has been designed with ANSI/TPI 1-1995 criteria.
- 2-ply truss to be connected together with 10d Common(148"x3") Nails as follows:
 Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 6 - 3 rows at 0-4-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

[Signature]

December 17, 2001

Continued on page 2

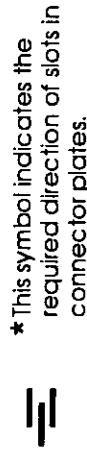
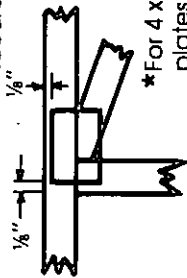
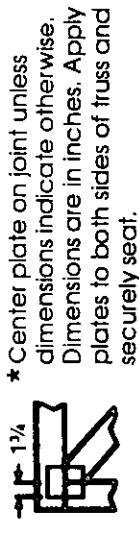
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



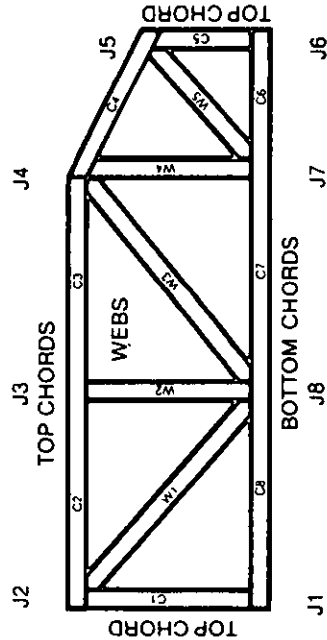
Indicates location of required continuous lateral bracing.

BEARING



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

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



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($\pm$ 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.
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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798479
08023RV1	T18	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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NOTES

11) Special hanger(s) or connection(s) required to support concentrated load(s) 4129.2lb down and 1990.1lb up at 7-2-4, 1572.9lb down and 87.0lb up at 9-1-8, and 1587.9lb down and 97.3lb up at 11-1-8, and 1644.1lb down and 101.2lb up at 13-1-8 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-3=-80.0, 3-6=-80.0, 1-9=-20.0, 7-9=-20.0, 6-7=-20.0

Concentrated Loads (lb)

Vert: 8=-4129.2 10=-1572.9 11=-1587.9 12=-1644.1

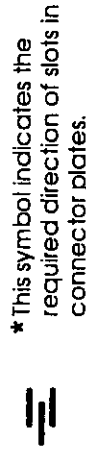
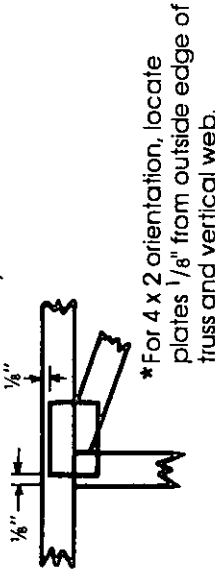
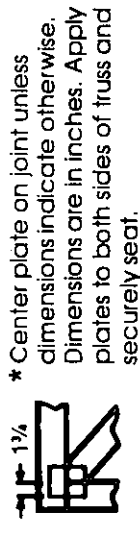
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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.

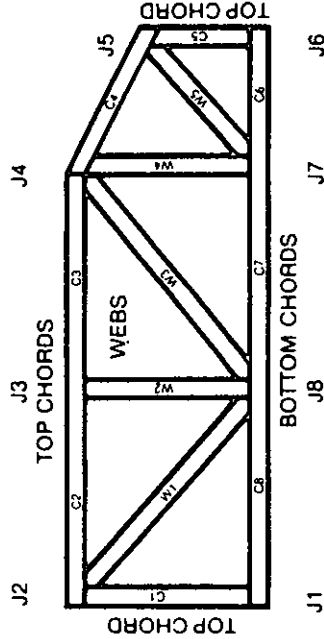
LATERAL BRACING



BEARING



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

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.
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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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798480
08023RV1	T19	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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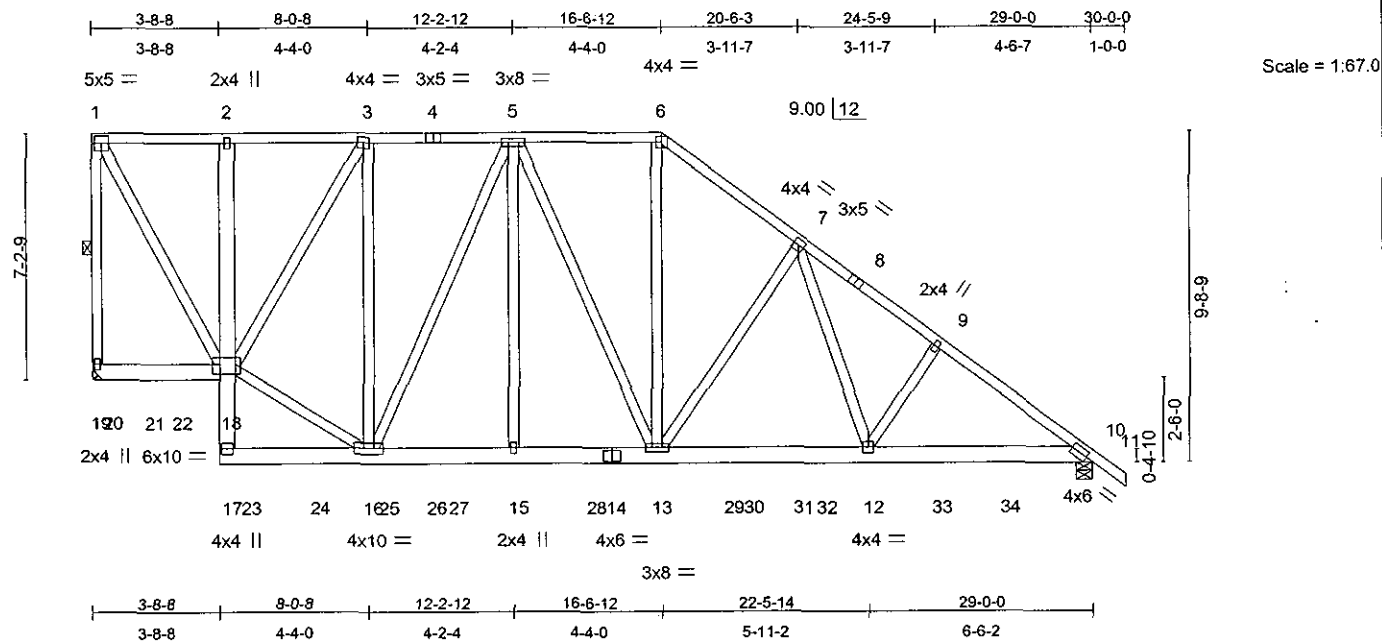


Plate Offsets (X,Y): [10:0-2-6,0-2-0], [18:0-2-12,0-3-8]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.70	Vert(LL) -0.13	12-13	>999	MH20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.44	Vert(TL) -0.19	12-13	>999		
BCLL 0.0	Rep Stress Incr NO	WB 0.83	Horz(TL) 0.03	10	n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360			Weight: 416 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 6 SPF 1650F 1.5E
 WEBS 2 X 4 SPF No.2 *Except*
 1-19 2 X 4 SPF Stud/Std, 16-18 2 X 4 SPF Stud/Std
 7-12 2 X 4 SPF Stud/Std, 9-12 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-11-10 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 1-19

REACTIONS

(lb/size) 19=4111/Mechanical, 10=3982/0-5-8
 Max Horz 19=-358(load case 7)
 Max Uplift 19=-1976(load case 4), 10=-1337(load case 7)
 Max Grav 19=4149(load case 3), 10=4145(load case 3)

FORCES (lb) - First Load Case Only

TOP CHORD 1-19=-3531, 1-2=-1901, 2-3=-1905, 3-4=-2522, 4-5=-2522, 5-6=-3196, 6-7=-4048, 7-8=-5410, 8-9=-5525, 9-10=-5697,
 10-11=52
 BOT CHORD 19-20=33, 20-21=33, 21-22=33, 18-22=33, 17-18=426, 2-18=-295, 17-23=189, 23-24=189, 16-24=189, 16-25=3091,
 25-26=3091, 26-27=3091, 15-27=3091, 15-28=3091, 14-28=3091, 13-14=3091, 13-29=3838, 29-30=3838, 30-31=3838,
 31-32=3838, 12-32=3838, 12-33=4425, 33-34=4425, 10-34=4425
 WEBS 1-18=3851, 16-18=2733, 3-18=-1200, 3-16=678, 5-16=-1389, 5-15=732, 5-13=255, 6-13=2011, 7-13=-1241, 7-12=1690,
 9-12=-160

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1976 lb uplift at joint 19 and 1337 lb uplift at joint 10.
- This truss has been designed with ANSI/TPI 1-1995 criteria.
- 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows:
 Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

December 17, 2001

Continued on page 2

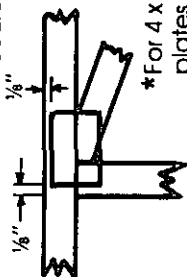
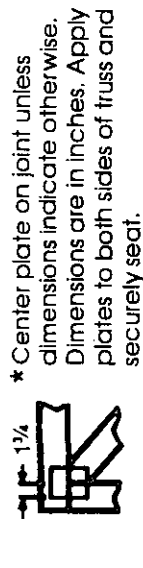
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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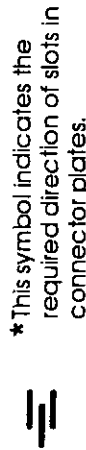


Symbols

PLATE LOCATION AND ORIENTATION



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



* 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



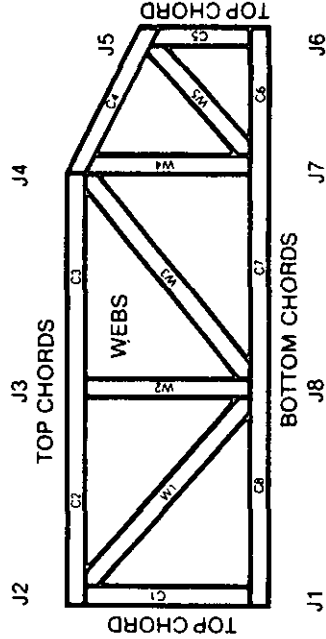
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798480
08023RV1	T19	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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NOTES

10) Special hanger(s) or connection(s) required to support concentrated load(s) 318.5lb down and 269.2lb up at 0-6-0, 318.5lb down and 269.2lb up at 2-6-0, 318.5lb down and 261.5lb up at 4-6-0, 318.5lb down and 261.5lb up at 6-6-0, 318.5lb down and 261.5lb up at 8-6-0, 318.5lb down and 261.5lb up at 10-6-0, 318.5lb down and 261.5lb up at 12-6-0, 318.5lb down and 261.5lb up at 14-6-0, 318.5lb down and 261.5lb up at 16-6-0, 437.0lb down and 208.0lb up at 18-6-0, 457.3lb down and 153.2lb up at 20-6-0, 430.7lb down and 109.9lb up at 22-6-0, and 323.5lb down and 78.1lb up at 24-6-0, and 285.2lb down and 165.0lb up at 26-6-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-6=-80.0, 6-11=-80.0, 19-21=-60.0, 18-21=-20.0, 17-26=-20.0, 26-28=-60.0, 28-30=-20.0, 30-32=-60.0, 10-32=-20.0

Concentrated Loads (lb)

Vert: 15=-318.5 13=-318.5 12=-430.7 20=-318.5 22=-318.5 23=-318.5 24=-318.5 25=-318.5 27=-318.5 28=-318.5 29=-437.0 31=-457.3 33=-323.5 34=-285.2

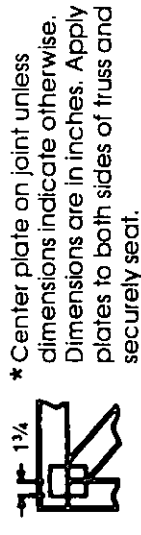
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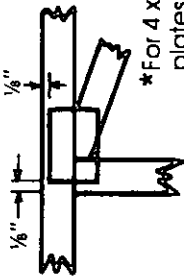


Symbols

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 tubular playing 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



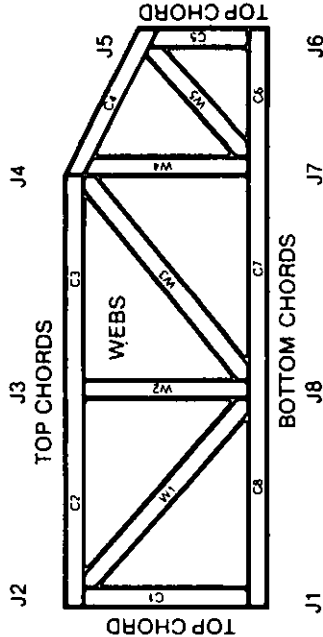
Indicates location of required continuous lateral bracing.

BEARING



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

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



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.
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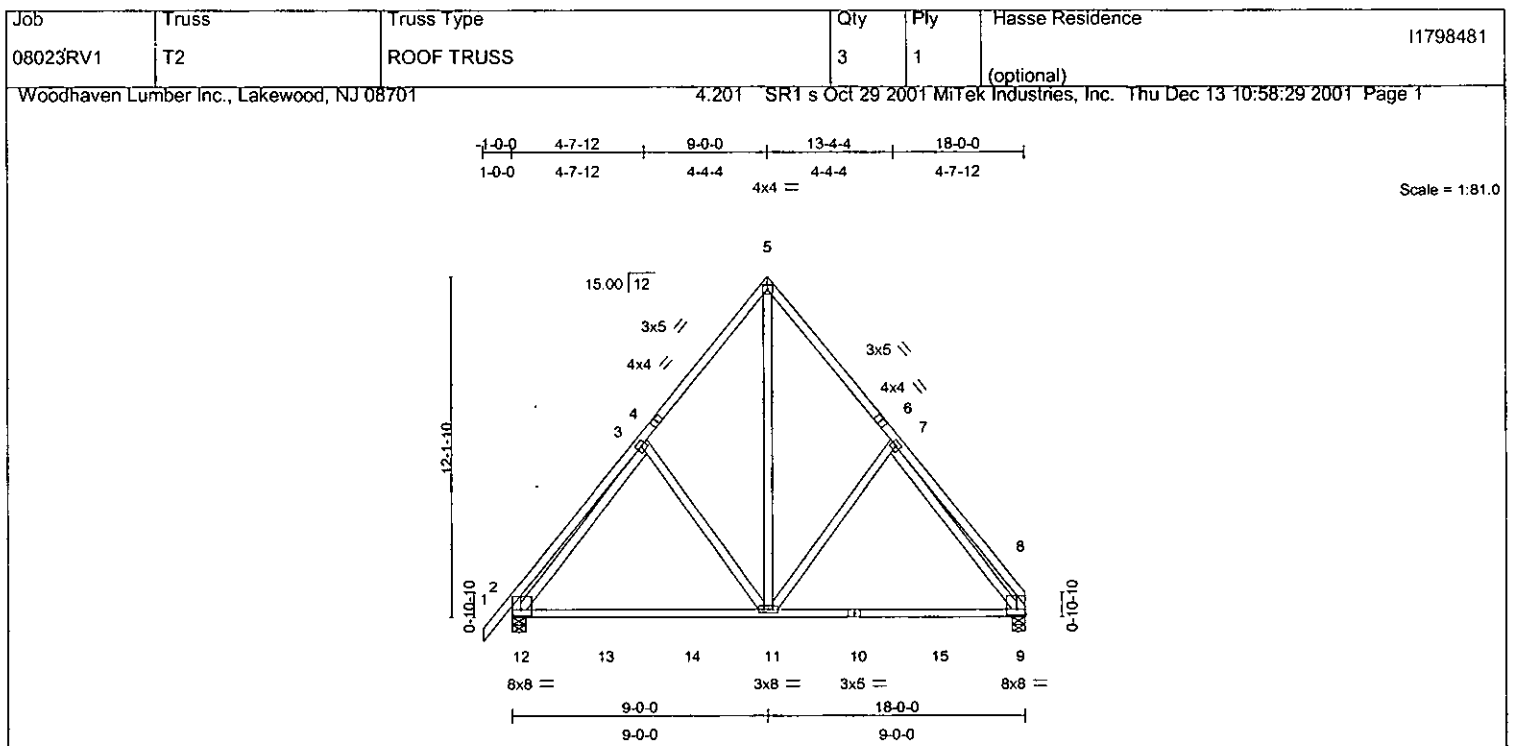


Plate Offsets (X,Y): [6:0-0-0,0-0-0], [9:Edge,0-2-8], [12:Edge,0-2-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in	(loc)	I/defl	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.50	Vert(LL)	-0.12	11-12	>999	MI120	197/144
TCDL 10.0	Lumber Increase	1.15	BC 0.58	Vert(TL)	-0.21	11-12	>999		
BCLL 0.0 *	Rep Stress Incr	YES	WB 0.39	Horz(TL)	0.02	9	n/a		
BCDL 10.0	Code	BOCA/ANSI95	(Matrix)	1st LC LL Min I/defl	=	360			Weight: 103 lb

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2

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

REACTIONS (lb/size) 12=1099/0-5-8, 9=999/0-5-8
 Max Horz 12=281(load case 5)
 Max Uplift 12=-57(load case 7), 9=-50(load case 6)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=72, 2-3=-778, 3-4=-795, 4-5=-658, 5-6=-546, 6-7=-796, 7-8=-839, 2-12=-767, 8-9=-721
 BOT CHORD 12-13=538, 13-14=538, 11-14=538, 10-11=542, 10-15=542, 9-15=542
 WEBS 3-11=-218, 5-11=670, 7-11=-224, 3-12=-234, 7-9=-172

- NOTES**
- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are exposed to wind. If porches exist, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate gnp increase is 1.33.
 - 2) Design load is based on 30.0 psf specified roof snow load.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 57 lb uplift at joint 12 and 50 lb uplift at joint 9.
 - 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

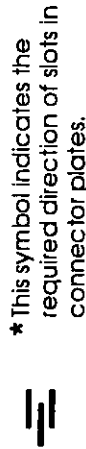
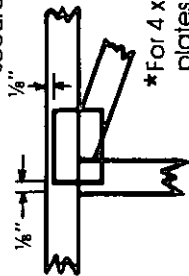
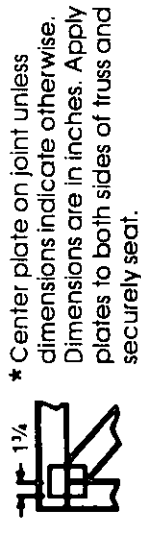
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MIT
MiTek®

Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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.

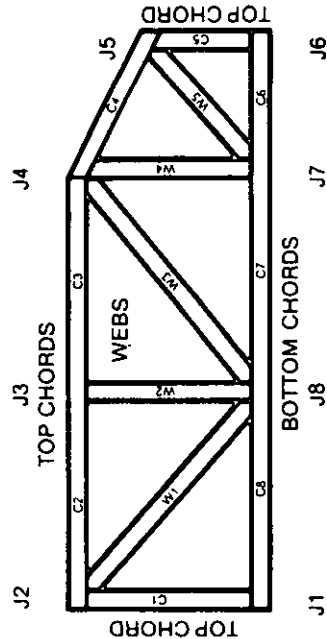
LATERAL BRACING



BEARING



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.
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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798482
08023RV1	T27	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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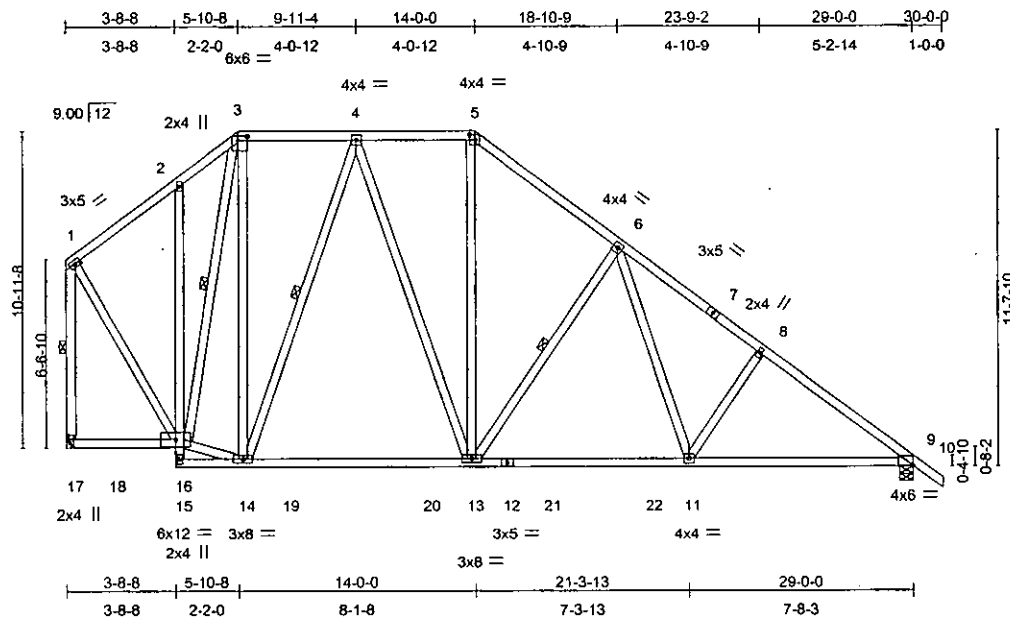


Plate Offsets (X,Y): [3:0-3-12,0-1-12], [5:0-2-4,0-2-0], [9:0-0-3,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.76	in (loc) l/defl	MH20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.80	Vert(LL) -0.19 13-14 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.85	Vert(TL) -0.29 13-14 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 9 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 190 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 *Except*
 14-16 2 X 4 SPF Stud/Std, 8-11 2 X 4 SPF Stud/Std
 1-17 2 X 4 SPF Stud/Std

BRACING
 TOP CHORD Sheathed or 3-5-2 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 1 Row at midpt 2-16
 WEBS 1 Row at midpt 3-16, 4-14, 6-13, 1-17

REACTIONS (lb/size) 17=1664/Mechanical, 9=1688/0-5-8
 Max Horz 17=-339(load case 7)
 Max Uplift 17=-87(load case 6), 9=-105(load case 7)
 Max Grav 17=1664(load case 1), 9=1837(load case 3)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=-828, 2-3=-787, 3-4=-708, 4-5=-1086, 5-6=-1470, 6-7=-1951, 7-8=-2071, 8-9=-2293, 9-10=48,
 1-17=-1573
 BOT CHORD 17-18=17, 16-18=17, 15-16=-96, 2-16=-229, 14-15=-96, 14-19=950, 19-20=950, 13-20=950,
 12-13=1411, 12-21=1411, 21-22=1411, 11-22=1411, 9-11=1707
 WEBS 14-16=832, 3-16=-570, 3-14=760, 4-14=-742, 4-13=415, 5-13=440, 6-13=-604, 6-11=492,
 8-11=-271, 1-16=1140

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 87 lb uplift at joint 17 and 105 lb uplift at joint 9.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

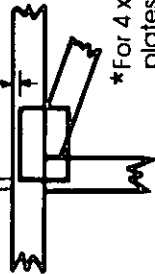
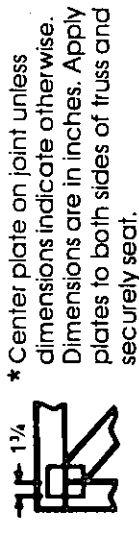
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



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.



* For tubular 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



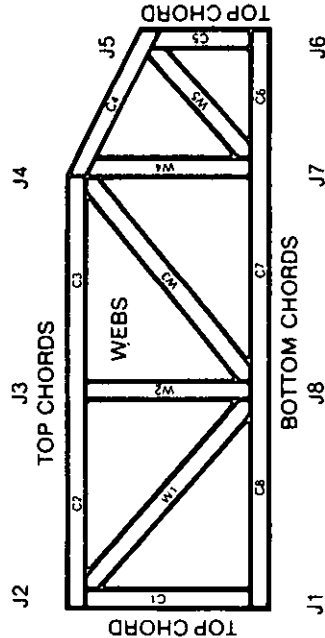
Indicates location of required continuous lateral bracing.

BEARING



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

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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798483
08023RV1	T28	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:31 2001 Page 1

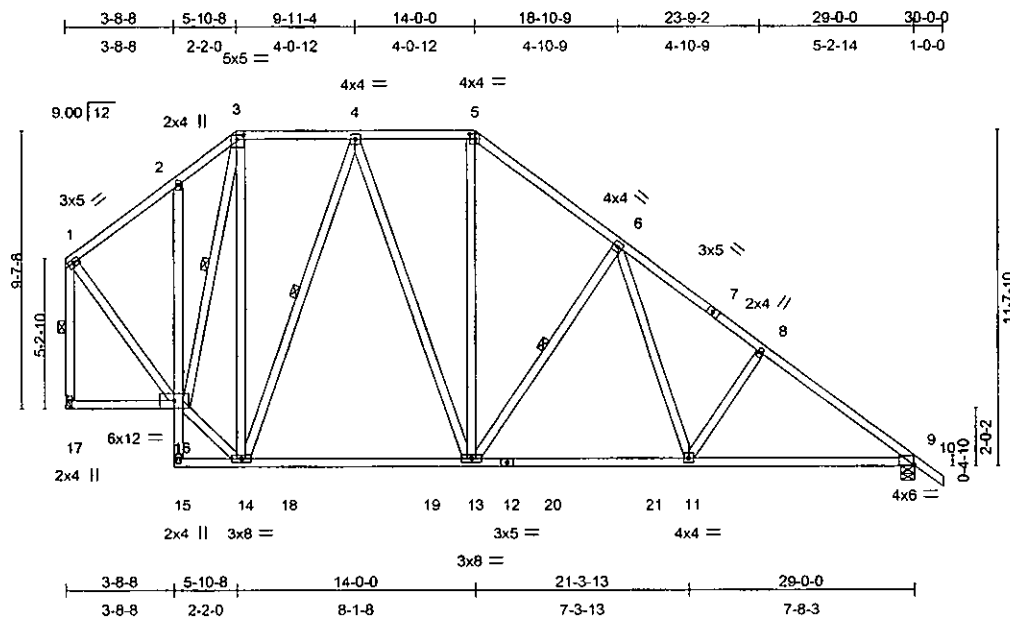


Plate Offsets (X,Y): [3:0-2-12,0-1-12], [5:0-2-4,0-2-0], [9:0-0-3,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.58	in (loc) l/defl	M1120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.80	Vert(LL) -0.18 13-14 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.85	Vert(TL) -0.27 13-14 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 9 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 187 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 *Except*
 14-16 2 X 4 SPF Stud/Std, 8-11 2 X 4 SPF Stud/Std
 1-17 2 X 4 SPF Stud/Std, 1-16 2 X 4 SPF Stud/Std

BRACING
 TOP CHORD Sheathed or 3-5-10 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 1 Row at midpt 2-16
 WEBS 1 Row at midpt 3-16, 4-14, 6-13, 1-17

REACTIONS (lb/size) 17=1608/Mechanical, 9=1686/0-5-8
 Max Horz 17=-339(load case 7)
 Max Uplift 17=-83(load case 6), 9=-121(load case 7)
 Max Grav 17=1608(load case 1), 9=1835(load case 3)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=-946, 2-3=-890, 3-4=-708, 4-5=-1084, 5-6=-1468, 6-7=-1948, 7-8=-2069, 8-9=-2291, 9-10=48,
 1-17=-1558
 BOT CHORD 16-17=22, 15-16=-96, 2-16=-207, 14-15=-14, 14-18=948, 18-19=948, 13-19=948, 12-13=1409,
 12-20=1409, 20-21=1409, 11-21=1409, 9-11=1705
 WEBS 14-16=978, 3-16=-96, 3-14=341, 4-14=-737, 4-13=414, 5-13=439, 6-13=-604, 6-11=492, 8-11=-271,
 1-16=1114

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 83 lb uplift at joint 17 and 121 lb uplift at joint 9.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

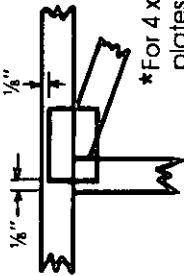
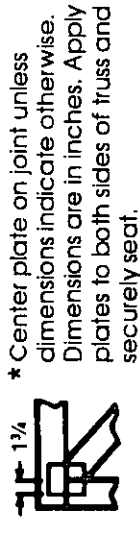
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Symbols

PLATE LOCATION AND ORIENTATION



* 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



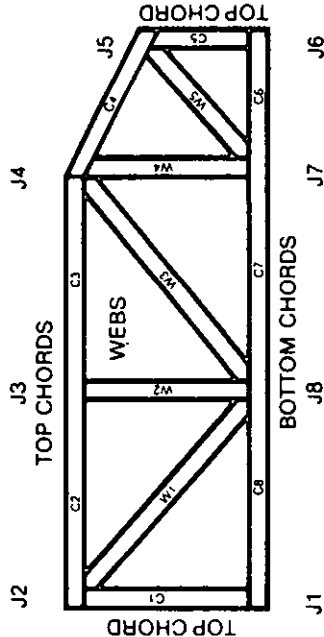
Indicates location of required continuous lateral bracing.

BEARING



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

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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798484
08023RV1	T29	ROOF TRUSS	1	1	(optional)	
Woodhaven Lumber Inc., Lakewood, NJ 08701 4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:32 2001 Page 1						

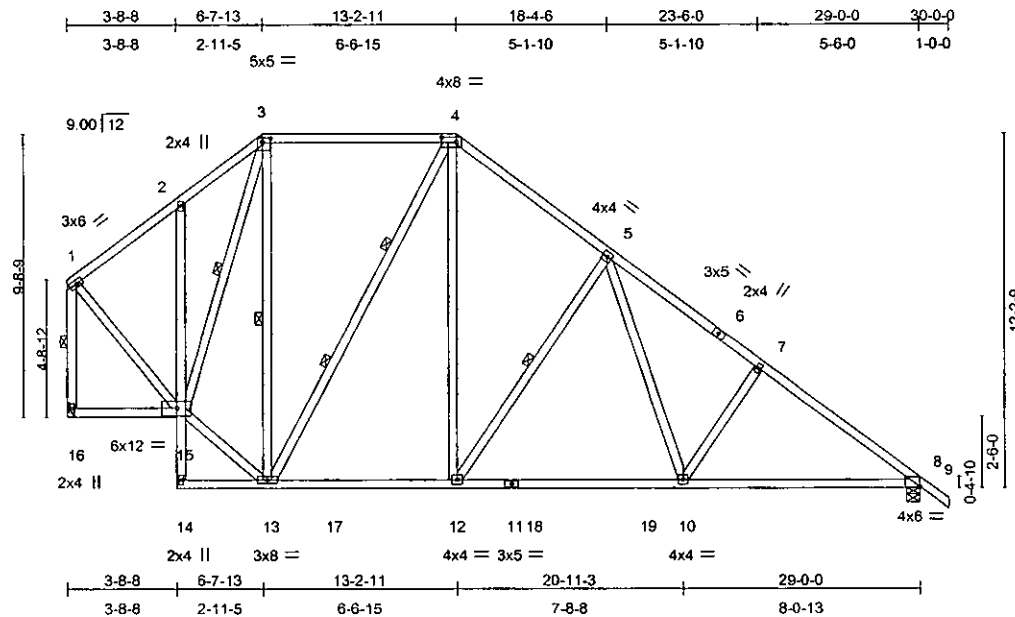


Plate Offsets (X,Y): [3:0-3-4:0-1-12], [4:0-6-0:0-2-0], [8:0-0-3,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.60	in (loc) l/def	M120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.89	Vert(LL) -0.21 10-12 >999		
BCLL 0.0	Rep Stress Incr YES	WB 0.66	Vert(TL) -0.30 10-12 >999		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	Horz(TL) 0.05 8 n/a		
			1st LC LL Min l/def = 360	Weight: 178 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF No.2 *Except*
13-15 2 X 4 SPF Stud/Std, 7-10 2 X 4 SPF Stud/Std
1-16 2 X 4 SPF Stud/Std, 1-15 2 X 4 SPF Stud/Std

BRACING
TOP CHORD Sheathed or 3-5-5 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 14-15.
1 Row at midpt 2-15
1 Row at midpt 3-15, 3-13, 5-12, 1-16
2 Rows at 1/3 pts 4-13

REACTIONS (lb/size) 16=1593/Mechanical, 8=1690/0-5-8
Max Horz 16=-347(load case 7)
Max Uplift 16=-73(load case 6), 8=-129(load case 7)
Max Grav 16=1593(load case 1), 8=1834(load case 3)

FORCES(lb) - First Load Case Only
TOP CHORD 1-2=-994, 2-3=-917, 3-4=-728, 4-5=-1404, 5-6=-1931, 6-7=-2062, 7-8=-2295, 8-9=48, 1-16=-1540
BOT CHORD 15-16=26, 14-15=-3, 2-15=-177, 13-14=11, 13-17=1043, 12-17=1043, 11-12=1378, 11-18=1378,
18-19=1378, 10-19=1378, 8-10=1707
WEBS 13-15=939, 3-15=-43, 3-13=134, 4-13=-663, 4-12=867, 5-12=-629, 5-10=549, 7-10=-299,
1-15=1094

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 16 and 129 lb uplift at joint 8.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

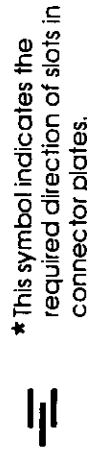
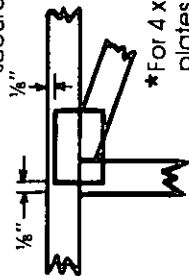
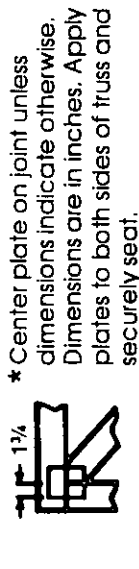
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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.

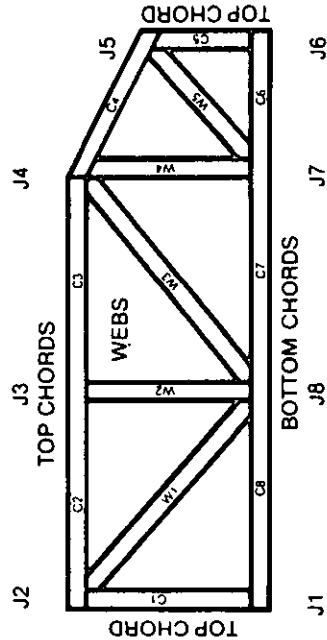
LATERAL BRACING



BEARING



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

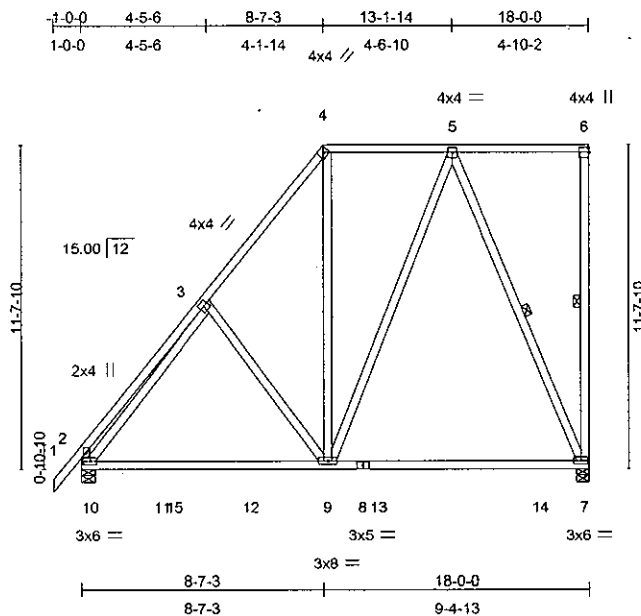
Failure to Follow Could Cause Property Damage or Personal Injury

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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798485
08023RV1	T3	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701 4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:33 2001 Page 1



Scale = 1:82.0

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.49	in (loc) l/defl	M1120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.96	Vert(LL) -0.30 7-9 >699		
BCLL 0.0	Lumber Increase 1.15	WB 0.85	Vert(TL) -0.46 7-9 >467		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 7 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		
				Weight: 118 lb	

LUMBER	BRACING
TOP CHORD 2 X 4 SPF 1650F 1.5E *Except*	TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
4-6 2 X 4 SPF No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
BOT CHORD 2 X 4 SPF No.2	WEBS 1 Row at midpt 6-7, 5-7
WEBS 2 X 4 SPF No.2 *Except*	
3-10 2 X 4 SPF Stud/Std	

REACTIONS (lb/size) 7=1078/0-5-8, 10=1121/0-5-8
 Max Horz 10=435(load case 6)
 Max Uplift 7=-216(load case 6), 10=-12(load case 6)
 Max Grav 7=1108(load case 2), 10=1236(load case 2)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=72, 2-3=-664, 3-4=-853, 4-5=-454, 5-6=-27, 6-7=-180, 2-10=-677
 BOT CHORD 10-11=564, 11-15=564, 12-15=564, 9-12=564, 8-9=322, 8-13=322, 13-14=322, 7-14=322
 WEBS 3-9=-193, 4-9=211, 5-9=358, 5-7=-771, 3-10=-402

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 7 and 12 lb uplift at joint 10.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

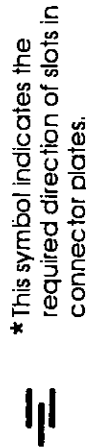
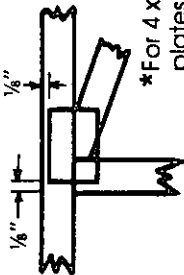
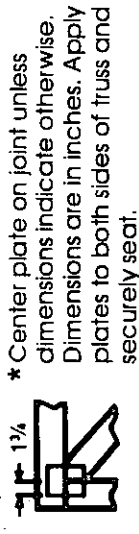
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Symbols

PLATE LOCATION AND ORIENTATION



* 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.

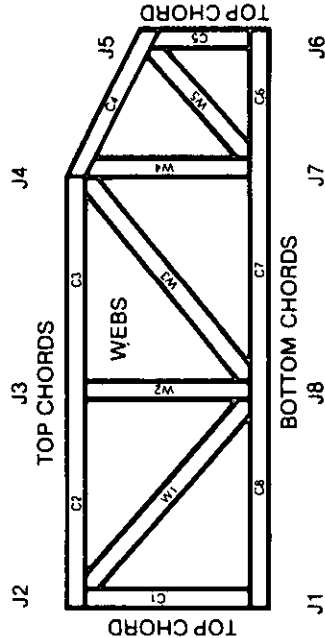
LATERAL BRACING



BEARING



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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General Safety Notes

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2. Cut members to bear tightly against each other.
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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.
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11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
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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.

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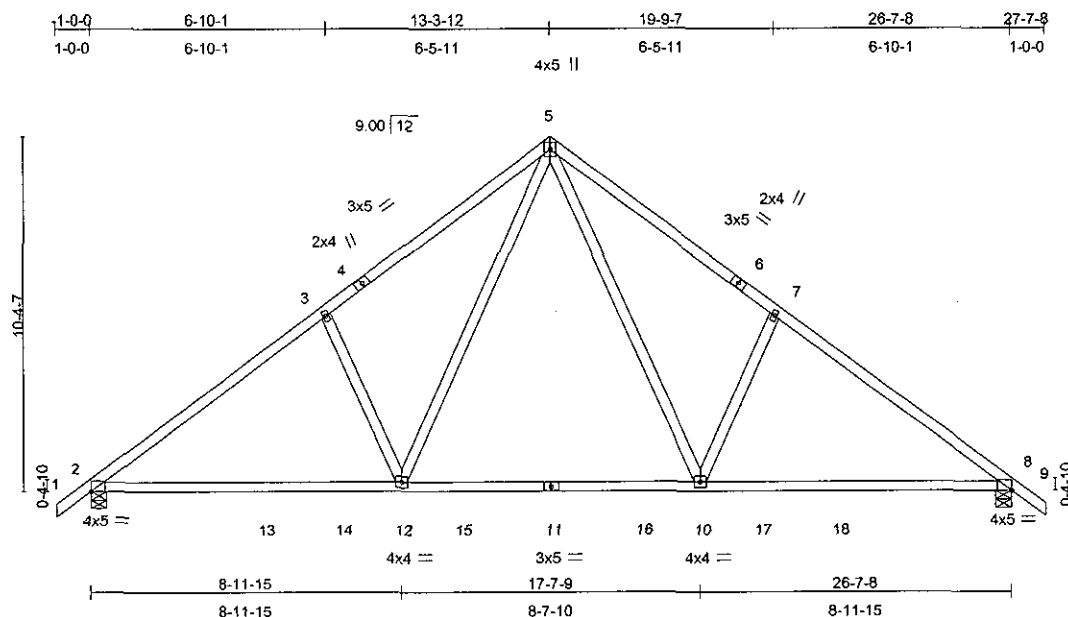


Plate Offsets (X,Y): [2'-0-0-0,0-0-4], [8'-0-0-0,0-0-4]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2'-0-0	TC 0.72	in (loc) l/defl	M120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.83	Vert(LL) -0.22 10-12 >999		
BCLL 0.0 *	Lumber Increase 1.15	WB 0.36	Vert(TL) -0.32 8-10 >993		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 8 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		
				Weight: 108 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 WEBS 2 X 4 SPF Stud/Std *Except*
 5-12 2 X 4 SPF No.2, 5-10 2 X 4 SPF No.2

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

REACTIONS (lb/size) 2=1601/0-5-8, 8=1601/0-5-8
 Max Horz 2=225(load case 5)
 Max Uplift 2=-107(load case 6), 8=-107(load case 7)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=48, 2-3=-2083, 3-4=-1863, 4-5=-1701, 5-6=-1701, 6-7=-1863, 7-8=-2083, 8-9=48
 BOT CHORD 2-13=1528, 13-14=1528, 12-14=1528, 12-15=1031, 11-15=1031, 11-16=1031, 10-16=1031,
 10-17=1528, 17-18=1528, 8-18=1528
 WEBS 3-12=422, 5-12=835, 5-10=835, 7-10=-422

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 107 lb uplift at joint 2 and 107 lb uplift at joint 8.
- 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

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

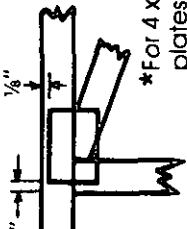
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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.



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 tubular 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.

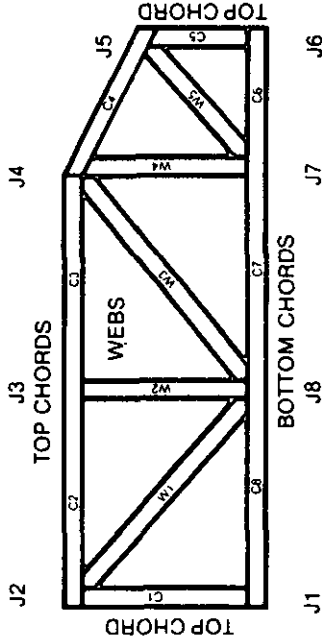
LATERAL BRACING

 Indicates location of required continuous lateral bracing.

BEARING

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

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

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.

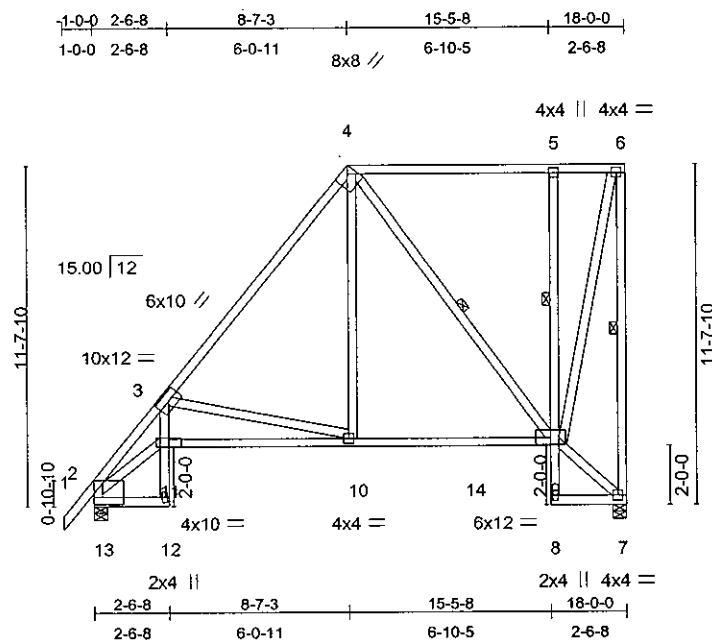
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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798487
08023RV1	T3A	ROOF TRUSS	2	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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Scale = 1:78.1

Plate Offsets (X,Y): [2:Edge,0-8-12], [4:0-2-12,Edge], [11:0-5-0,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.99	in (loc) l/defl	M120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.72	Vert(LL) -0.11 9-10 >999		
BCLL 0.0 *	Lumber Increase 1.15	WB 0.84	Vert(TL) -0.17 9-10 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.13 7 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		
				Weight: 126 lb	

LUMBER
 TOP CHORD 2 X 4 SPF 1650F 1.5E *Except*
 4-6 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 *Except*
 3-10 2 X 4 SPF Stud/Std, 7-9 2 X 4 SPF Stud/Std
 2-13 2 X 4 SPF Stud/Std, 2-11 2 X 4 SPF Stud/Std

BRACING
 TOP CHORD Sheathed or 4-10-2 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 1 Row at midpt 5-9
 WEBS 1 Row at midpt 6-7, 4-9

REACTIONS (lb/size) 7=978/0-5-8, 13=1044/0-5-8
 Max Horz 13=435(load case 6)
 Max Uplift 7=-216(load case 6), 13=-12(load case 6)
 Max Grav 7=1008(load case 2), 13=1158(load case 2)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=72, 2-3=-1944, 3-4=-1017, 4-5=-253, 5-6=-234, 6-7=-975, 2-13=-1014
 BOT CHORD 12-13=68, 11-12=15, 3-11=688, 10-11=1333, 10-14=530, 9-14=530, 8-9=10, 5-9=-439, 7-8=-34
 WEBS 3-10=-833, 4-10=468, 4-9=-464, 7-9=48, 6-9=990, 2-11=1266

- NOTES**
- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) Provide adequate drainage to prevent water ponding.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 7 and 12 lb uplift at joint 13.
 - 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

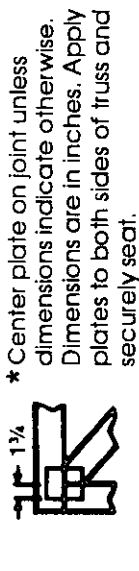
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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'Oroville Drive, Madison, WI 53719.

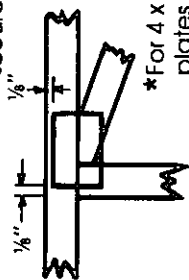


Symbols

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 tubular 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



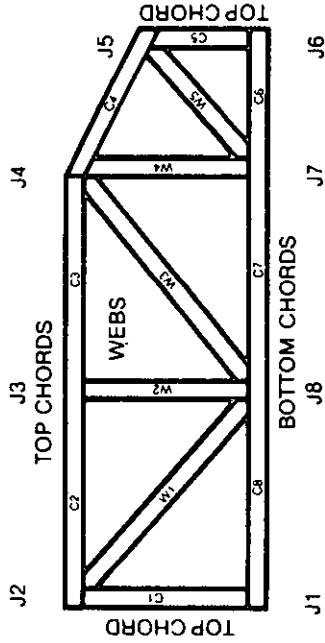
Indicates location of required continuous lateral bracing.

BEARING



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

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



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

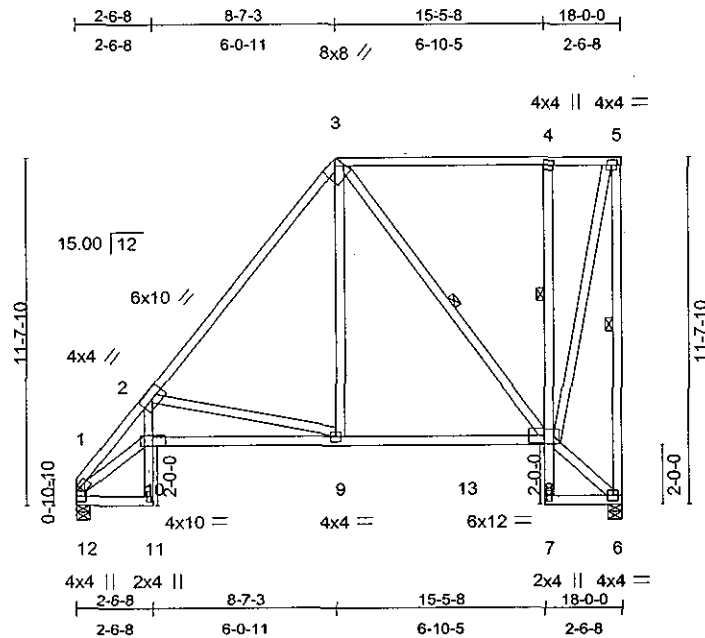
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798488
08023RV1	T3B	ROOF TRUSS	2	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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Scale = 1:76.3

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

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 1.00	in (loc) l/defl	MII20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.73	Vert(LL) -0.11 8-9 >999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.87	Vert(TL) -0.17 8-9 >999		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	Horz(TL) 0.14 6 n/a		
			1st LC LL Min l/defl = 360	Weight: 124 lb	

LUMBER

TOP CHORD 2 X 4 SPF 1650F 1.5E *Except*
3-5 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF No.2 *Except*
2-9 2 X 4 SPF Stud/Std, 6-8 2 X 4 SPF Stud/Std, 1-12 2 X 4 SPF Stud/Std
1-10 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-10-5 oc purlins, except end-verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
1 Row at midpt 4-8
WEBS 1 Row at midpt 5-6, 3-8

REACTIONS (lb/size) 6=981/0-5-8, 12=950/0-5-8

Max Horz 12=367(load case 6)
Max Uplift 6=-218(load case 6)
Max Grav 6=1011(load case 2), 12=1046(load case 2)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-1979, 2-3=-1021, 3-4=-254, 4-5=-235, 5-6=-977, 1-12=-932
BOT CHORD 11-12=79, 10-11=28, 2-10=712, 9-10=1362, 9-13=533, 8-13=533, 7-8=10, 4-8=-439, 6-7=-33
WEBS 2-9=-859, 3-9=475, 3-8=-468, 6-8=48, 5-8=993, 1-10=1288

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 218 lb uplift at joint 6.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

[Signature]

December 17, 2001

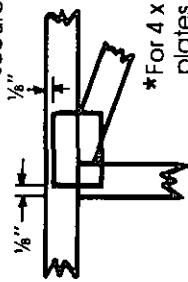
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



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



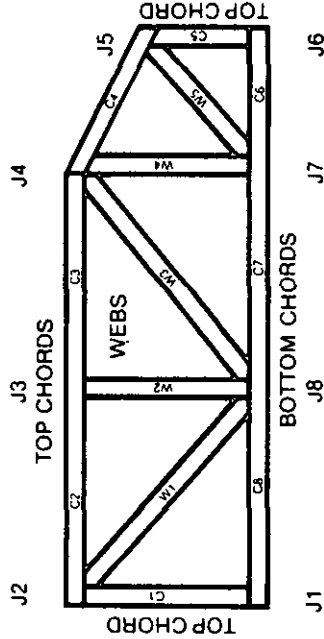
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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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General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

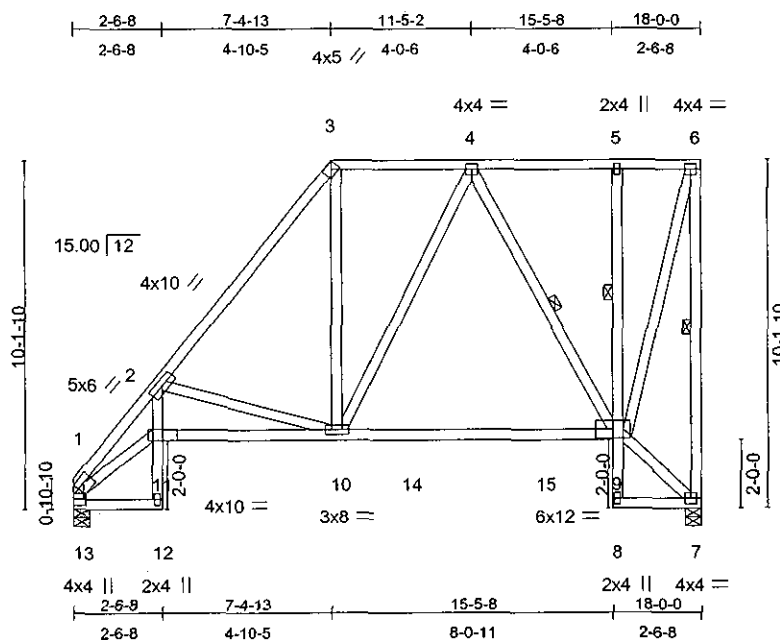
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798489
08023RV1	T4	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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Scale = 1:66.2

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

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.64	in (loc) l/defl	M120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.79	Vert(LL) -0.17 9-10 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.81	Vert(TL) -0.26 9-10 >807		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.13 7 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 122 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 *Except*
 2-10 2 X 4 SPF Stud/Std, 7-9 2 X 4 SPF Stud/Std
 1-13 2 X 4 SPF Stud/Std, 1-11 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-0-4 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 1 Row at midpt 5-9
 WEBS 1 Row at midpt 6-7, 4-9

REACTIONS (lb/size) 7=984/0-5-8, 13=940/0-5-8
 Max Horz 13=316(load case 6)
 Max Uplift 7=-187(load case 6)
 Max Grav 7=1006(load case 2), 13=1027(load case 2)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-1936, 2-3=-1080, 3-4=-586, 4-5=-291, 5-6=-274, 6-7=-1017, 1-13=-924
 BOT CHORD 12-13=87, 11-12=29, 2-11=655, 10-11=1283, 10-14=521, 14-15=521, 9-15=521, 8-9=-2, 5-9=-268, 7-8=-86
 WEBS 2-10=-735, 3-10=338, 4-10=141, 4-9=-489, 7-9=121, 6-9=976, 1-11=1244

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 187 lb uplift at joint 7.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

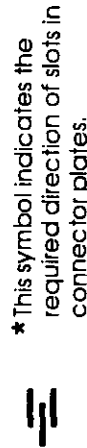
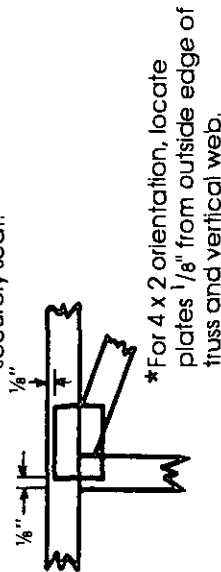
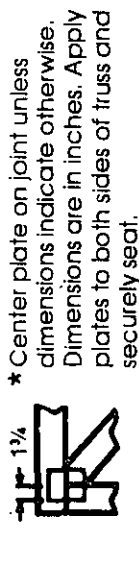
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



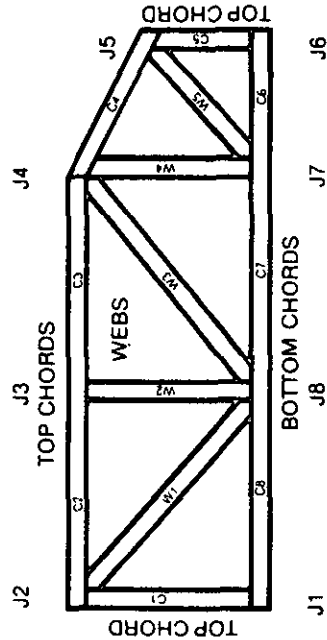
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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®



HYDRO-AIR®



PANEL CLIP™

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

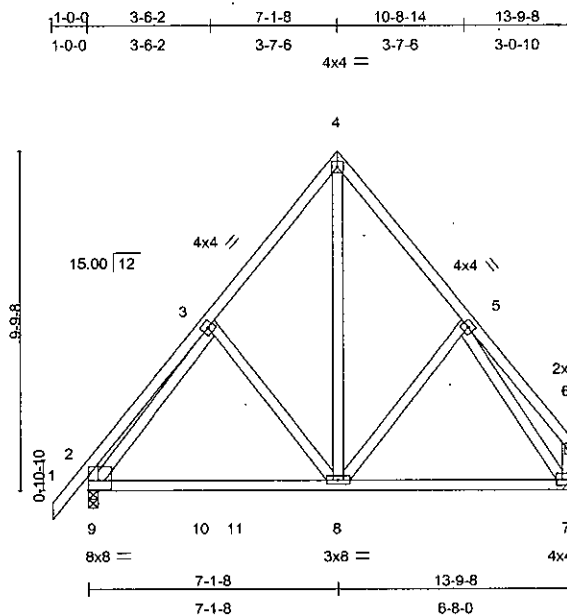
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798490
08023RV1	T47	QUEENPOST	7	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:37 2001 Page 1



Scale = 1:65.7

Plate Offsets (X,Y): [9:Edge,0-3-4]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.63	in (loc) l/defl	MII20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.27	Vert(LL) -0.03 8-9 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.29	Vert(TL) -0.07 8-9 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 7 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 81 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF Stud/Std *Except*
 4-8 2 X 4 SPF No.2

BRACING

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

REACTIONS (lb/size) 9=800/0-3-8, 7=681/Mechanical
 Max Horz 9=223(load case 5)
 Max Uplift 9=-46(load case 7), 7=-45(load case 6)
 Max Grav 9=801(load case 2), 7=681(load case 1)

FORCES(lb) - First Load Case Only

TOP CHORD 1-2=72, 2-3=-422, 3-4=-536, 4-5=-535, 5-6=-231, 6-7=-223, 2-9=-473
 BOT CHORD 9-10=360, 10-11=360, 8-11=360, 7-8=326
 WEBS 3-8=-151, 4-8=352, 5-8=-95, 5-7=-462, 3-9=-284

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 9 and 45 lb uplift at joint 7.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

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

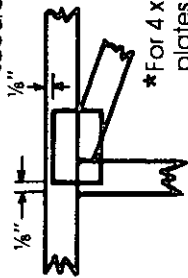
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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 MIB-91 Handling Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



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.

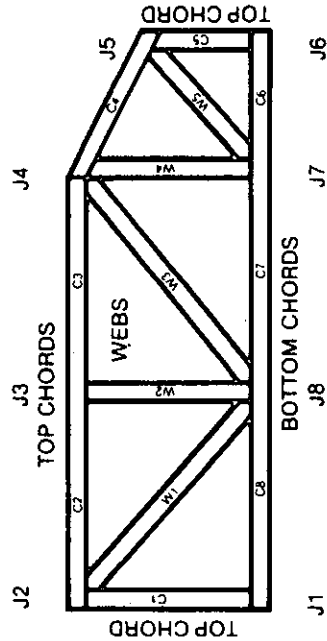
LATERAL BRACING

 Indicates location of required continuous lateral bracing.

BEARING

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

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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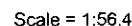
 PANEL CLIP™

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.

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LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.50	Vert(LL) -0.21 9-10 >999	M1120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.86	Vert(TL) -0.36 9-10 >595		
BCLL 0.0	Rep Stress Incr YES	WB 0.79	Horz(TL) 0.12 7 n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 110 lb	

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud/Std *Except*
6-7 2 X 4 SPF No.2, 4-10 2 X 4 SPF No.2, 4-9 2 X 4 SPF No.2

TOP CHORD	Sheathed or 4-0-3 oc purlins, except end verticals.	
BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing. Except:	
	1 Row at midpt	5-9
WEBS	1 Row at midpt	6-7

REACTIONS (lb/size) 7=968/0-5-8, 13=939/0-5-8
 Max Horz 13=264(load case 6)
 Max Uplift 7=-160(load case 6), 13=-25(load case 6)
 Max Grav 7=984(load case 2), 13=1014(load case 2)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=-1915, 2-3=-1168, 3-4=-875, 4-5=-366, 5-6=-337, 6-7=-1011, 1-13=-926
 BOT CHORD 12-13=91, 11-12=31, 2-11=595, 10-11=1196, 10-14=663, 14-15=663, 9-15=663, 8-9=-5, 5-9=-290, 7-8=-99
 WEBS 2-10=-570, 3-10=475, 4-10=18, 4-9=-493, 7-9=139, 6-9=992, 1-11=1217

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3'-6" between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 160-lb uplift at joint 7 and 25 lb uplift at joint 13.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard



December 17, 2001

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

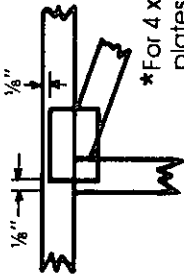
Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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, consult **QST-88 Quality Standard**, **D58-89 Bracing Specification**, and **H18-91 Handling Installation and Bracing Recommendation** available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



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 playing 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



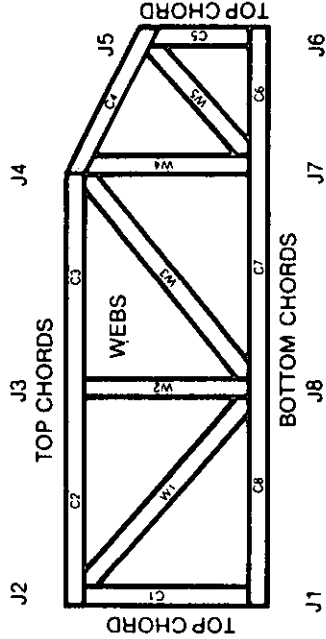
Indicates location of required continuous lateral bracing.

BEARING



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

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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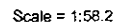
PANEL CLIP™

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.

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Weight: 94 lb

TOP CHORD Sheathed or 4-0-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

(lb/size) 2=1347/0-5-8, 8=1347/0-5-8
Max Horz 2=-195(load case 4)
Max Uplift 2=-98(load case 6), 8=-98(load case 7)

TOP CHORD 1-2=48, 2-3=-1724, 3-4=-1532, 4-5=-1394, 5-6=-1394, 6-7=-1532, 7-8=-1724, 8-9=48
BOT CHORD 2-13=1255, 13-14=1255, 12-14=1255, 12-15=852, 11-15=852, 11-16=852, 10-16=852, 10-17=1255,
17-18=1255, 8-18=1255
WEBS 3-12=-353, 5-12=670, 5-10=670, 7-10=-353

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 2 and 98 lb uplift at joint 8.
- 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

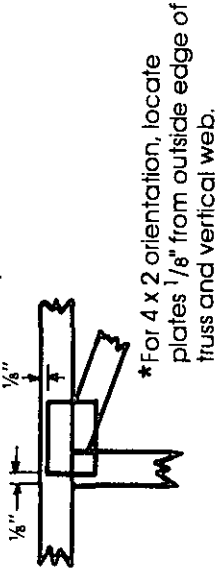
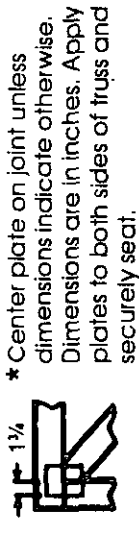
December 17, 2001

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Symbols

PLATE LOCATION AND ORIENTATION



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



* For tubular 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.

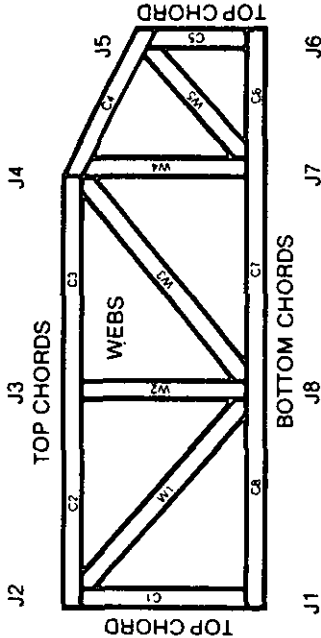


BEARING

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



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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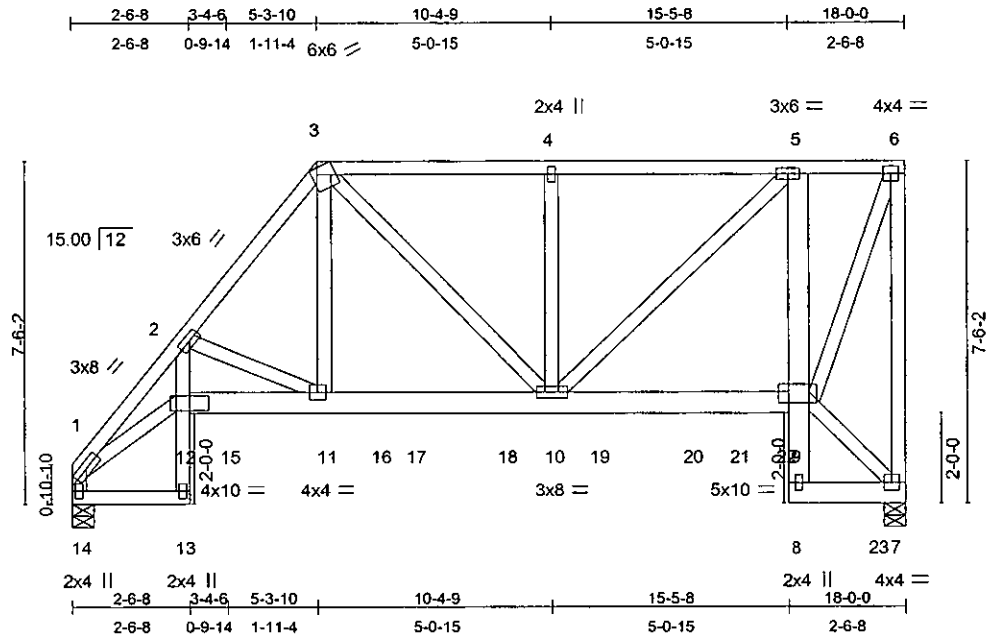
PANEL CLIP™

General Safety Notes

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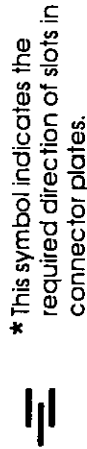
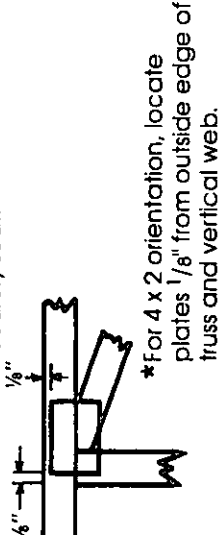
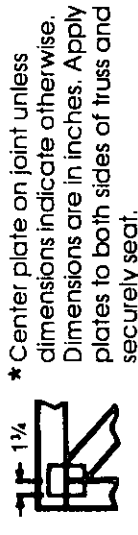
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Symbols

PLATE LOCATION AND ORIENTATION



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

PLATE SIZE

4 X 4

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LATERAL BRACING



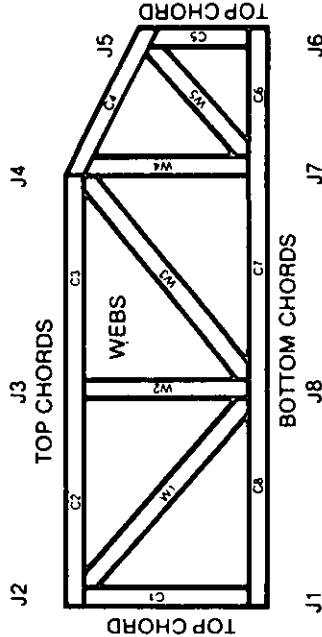
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TM

General Safety Notes

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8. Plate type, size and location dimensions shown indicate minimum plating requirements.
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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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798493
08023RV1	T6	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:54:40 2001 Page 2

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-3=-80.0, 3-6=-80.0, 13-14=-20.0, 11-12=-20.0, 11-16=-60.0, 16-21=-20.0, 9-21=-60.0, 7-8=-20.0

Concentrated Loads (lb)

Vert: 11=-212.8 15=-264.9 17=-212.8 18=-212.8 19=-212.8 20=-430.0 22=-427.9 23=-427.9

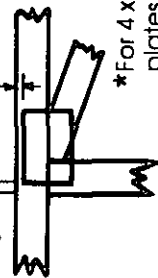
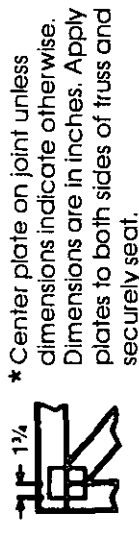
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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Symbols

PLATE LOCATION AND ORIENTATION



* 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 tubular playing 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.

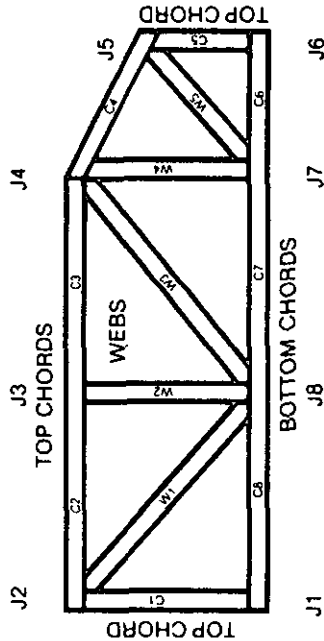


BEARING

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



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



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 pulins 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.

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MiTek Industries, Inc.

14515 North Outer Forty Drive
Suite 300

Chesterfield, MO 63017-5746

Telephone 314/434-1200

Fax 314/434-5343

Re: 08023rv1

Hasse Residence

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

Pages or sheets covered by this seal: I1798465 thru I1798493

My license renewal date for the state of New Jersey is April 30, 2002.

December 17, 2001

Redwanly, Gaby

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

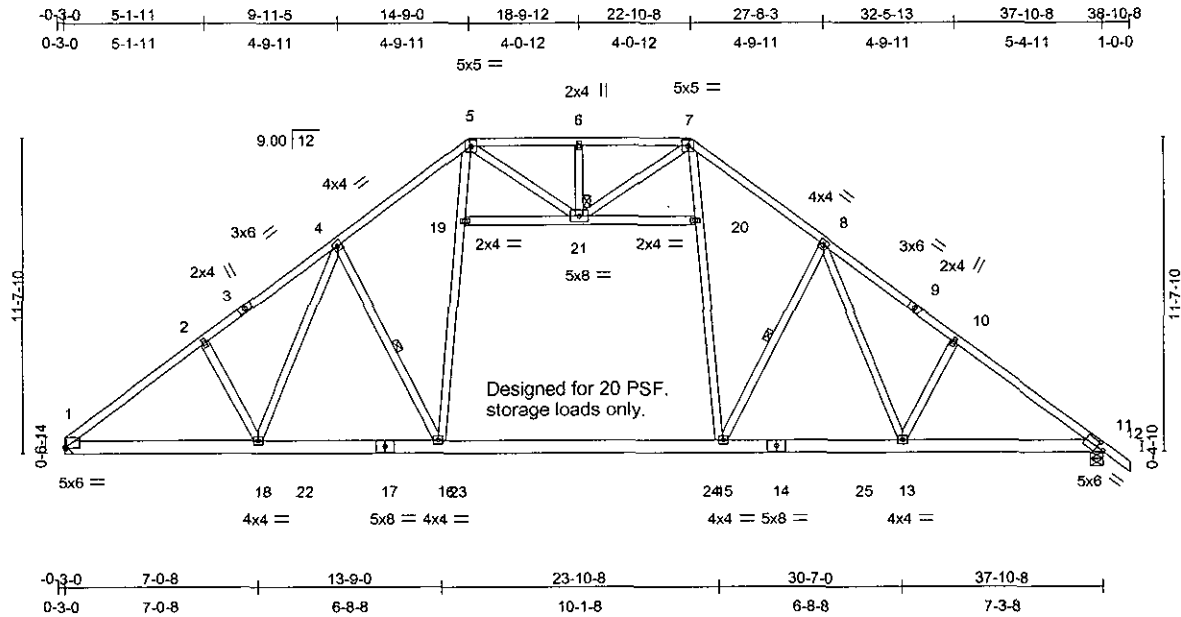


Plate Offsets (X,Y): [1:0-0-8,0-0-4], [11:0-3-2,0-2-8]

LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase	1.15	TC 0.71	Vert(LL)	-0.56 13-15	>801	M1120	197/144
TCDL 10.0	Lumber Increase	1.15	BC 0.90	Vert(TL)	-0.64 13-15	>706		
BCLL 0.0	Rep Stress Incr	YES	WB 0.72	Horz(TL)	0.08 11	n/a		
BCDL 10.0	Code	BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl	= 360		Weight: 215 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 6 SPF 1650F 1.5E
 WEBS 2 X 4 SPF No.2 *Except*
 2-18 2 X 4 SPF Stud/Std, 10-13 2 X 4 SPF Stud/Std
 6-21 2 X 4 SPF Stud/Std, 5-21 2 X 4 SPF Stud/Std
 7-21 2 X 4 SPF Stud/Std

REACTIONS (lb/size) 1=2182/Mechanical, 11=2280/0-5-8
 Max Horz 1=-260(load case 4)
 Max Uplift 1=-127(load case 6), 11=-116(load case 7)
 Max Grav 1=2184(load case 2), 11=2306(load case 3)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=-3218, 2-3=-3015, 3-4=-2897, 4-5=-2552, 5-6=-2025, 6-7=-2025, 7-8=-2559, 8-9=-2941,
 9-10=-3059, 10-11=-3258, 11-12=52
 BOT CHORD 1-18=2415, 18-22=2182, 17-22=2182, 16-17=2182, 16-23=1870, 23-24=1870, 15-24=1870,
 14-15=2199, 14-25=2199, 13-25=2199, 11-13=2474
 WEBS 2-18=-220, 4-18=382, 4-16=-519, 16-19=943, 5-19=949, 7-20=963, 15-20=957, 8-15=-550,
 8-13=434, 10-13=-271, 19-21=-34, 20-21=-27, 6-21=-272, 5-21=232, 7-21=224

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 127 lb uplift at joint 1 and 116 lb uplift at joint 11.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

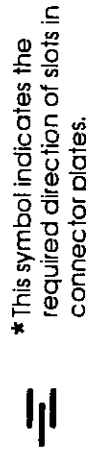
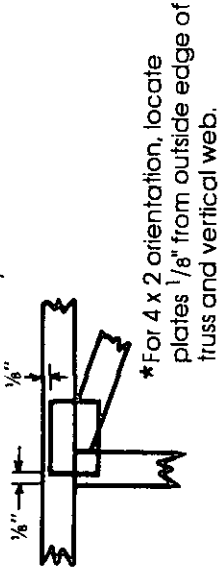
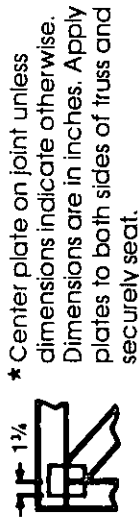
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Symbols

PLATE LOCATION AND ORIENTATION



* 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



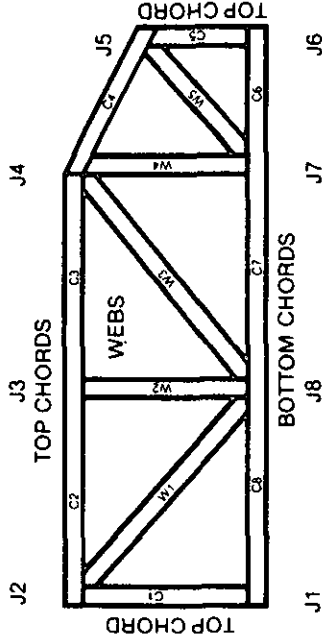
Indicates location of required continuous lateral bracing.

BEARING



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

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.

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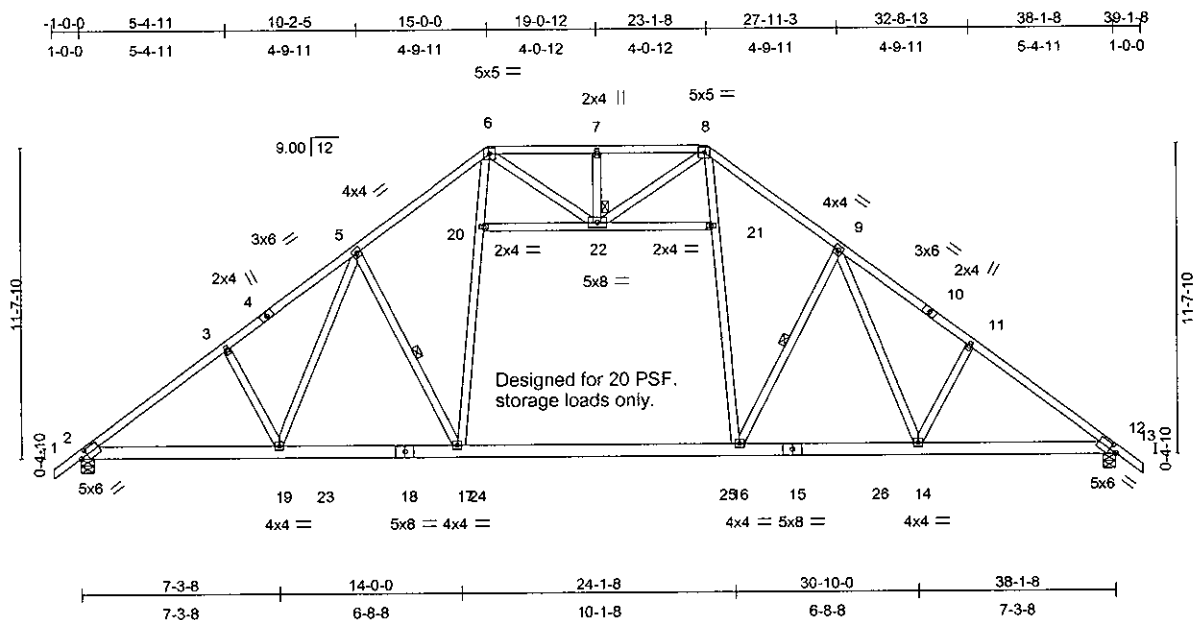


Plate Offsets (X,Y): [2:0-3-2,0-2-8], [12:0-3-2,0-2-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.70	in (loc) l/defl	MII20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.89	Vert(LL) -0.56 14-16 >814		
BCLL 0.0	Rep Stress Incr YES	WB 0.71	Vert(TL) -0.63 14-16 >722		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	Horz(TL) 0.08 12 n/a		
			1st LC LL Min l/defl = 360	Weight: 217 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 6 SPF 1650F 1.5E
 WEBS 2 X 4 SPF No.2 *Except*
 3-19 2 X 4 SPF Stud/Std, 11-14 2 X 4 SPF Stud/Std
 7-22 2 X 4 SPF Stud/Std, 6-22 2 X 4 SPF Stud/Std
 8-22 2 X 4 SPF Stud/Std

BRACING
 TOP CHORD Sheathed or 2-10-12 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 5-17, 9-16, 20-21

REACTIONS (lb/size) 2=2288/0-5-8, 12=2288/0-5-8
 Max Horz 2=-252(load case 4)
 Max Uplift 2=-175(load case 6), 12=-116(load case 7)
 Max Grav 2=2312(load case 2), 12=2312(load case 3)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=52, 2-3=-3270, 3-4=-3071, 4-5=-2953, 5-6=-2574, 6-7=-2038, 7-8=-2038, 8-9=-2574,
 9-10=-2953, 10-11=-3071, 11-12=-3270, 12-13=52
 BOT CHORD 2-19=2484, 19-23=2210, 18-23=2210, 17-18=2210, 17-24=1884, 24-25=1884, 16-25=1884,
 15-16=2210, 15-26=2210, 14-26=2210, 12-14=2484
 WEBS 3-19=-272, 5-19=429, 5-17=-546, 17-20=961, 6-20=967, 8-21=967, 16-21=961, 9-16=-546,
 9-14=429, 11-14=-272, 20-22=-30, 21-22=-30, 7-22=-272, 6-22=228, 8-22=228

- NOTES**
- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) Provide adequate drainage to prevent water ponding.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 175 lb uplift at joint 2 and 116 lb uplift at joint 12.
 - 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

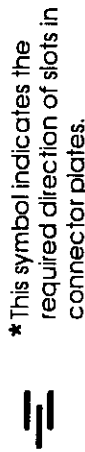
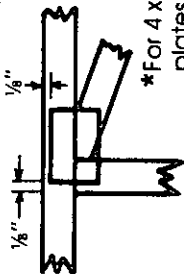
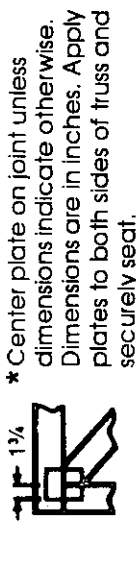
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



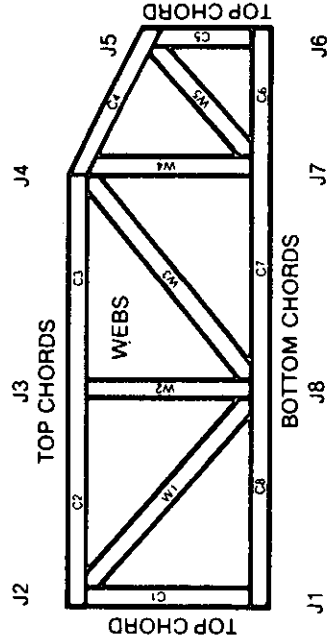
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.
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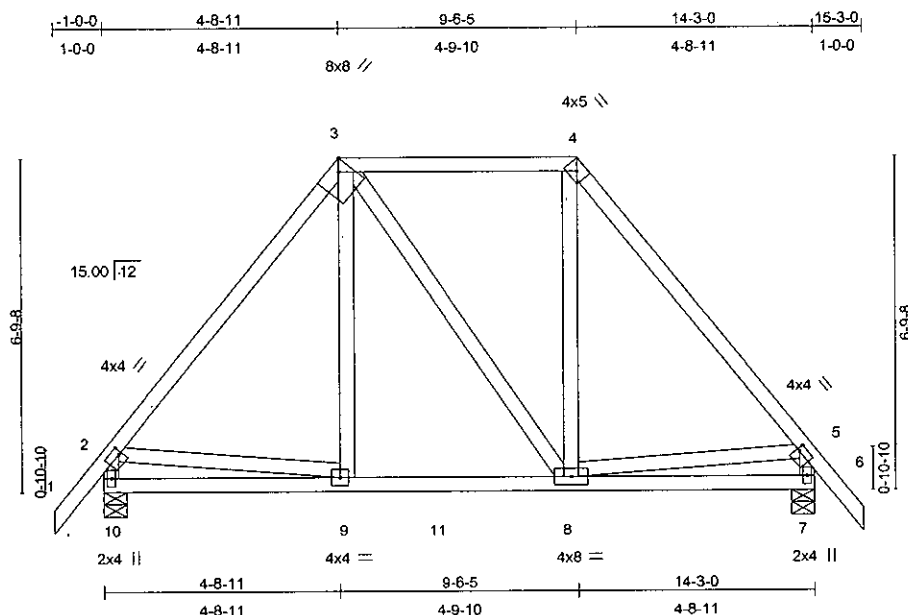


Plate Offsets (X,Y): [2:0-0-12,0-1-12], [3:0-2-12,Edge], [5:0-0-12,0-1-8]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.52	Vert(LL) -0.02 8-9 >999	MII20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.14	Vert(TL) -0.03 8-9 >999		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.16	Horz(TL) 0.01 7 n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 77 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF 1650F 1.5E
 WEBS 2 X 4 SPF Stud/Std *Except*
 3-8 2 X 4 SPF No.2

BRACING

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

REACTIONS (lb/size) 10=833/0-5-8, 7=819/0-5-8
 Max Horz 10=144(load case 5)
 Max Uplift 10=-84(load case 6), 7=-48(load case 7)
 Max Grav 10=866(load case 2), 7=852(load case 3)

FORCES(lb) - First Load Case Only

TOP CHORD 1-2=72, 2-3=-760, 3-4=-377, 4-5=-742, 5-6=72, 2-10=-788, 5-7=-772
 BOT CHORD 9-10=164, 9-11=388, 8-11=388, 7-8=166
 WEBS 3-9=122, 3-8=-20, 4-8=92, 2-9=224, 5-8=211

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 84 lb uplift at joint 10 and 48 lb uplift at joint 7.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

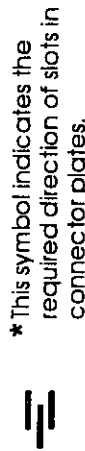
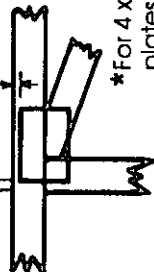
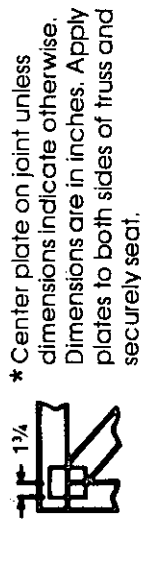
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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.

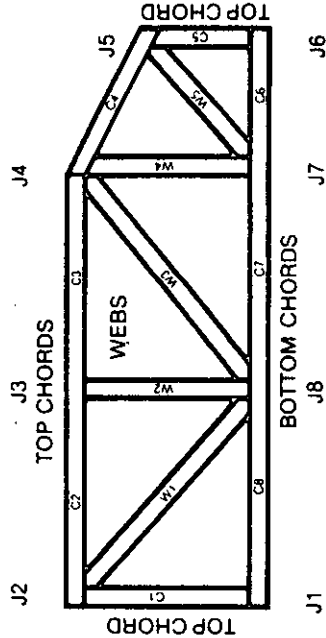
LATERAL BRACING



BEARING



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	ICB 17.08
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WISC/DILHR	870040-N, 930013-N, 910080-N



General Safety Notes

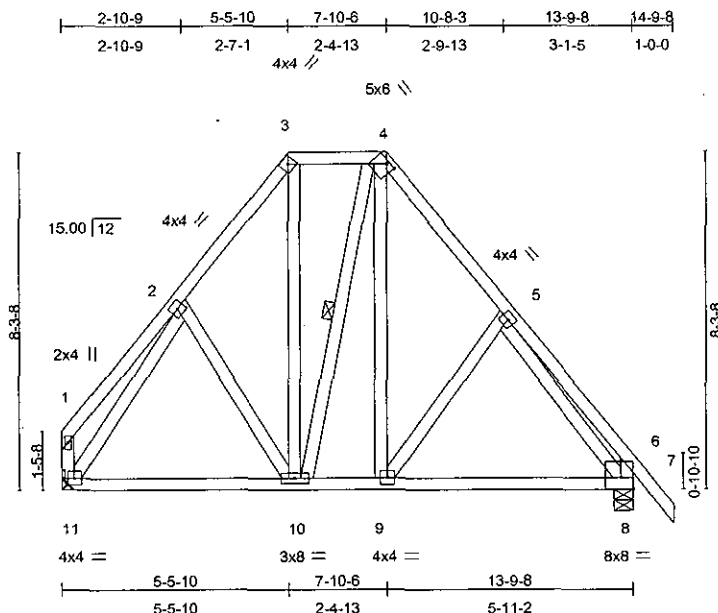
Failure to Follow Could Cause Property Damage or Personal Injury

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	Hasse Residence	11798468
08023RV1	H3	ROOF TRUSS	2	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SRT's Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:17 2001 Page 1



Scale = 1:55.9

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

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.39	in (loc) l/defl	M1120	197/144
TCPL 10.0	Plates Increase 1.15	BC 0.20	Vert(LL) -0.01 9 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.25	Vert(TL) -0.03 8-9 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 8 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 93 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF Stud/Std *Except*
 3-10 2 X 4 SPF No.2, 4-10 2 X 4 SPF No.2, 4-9 2 X 4 SPF No.2

BRACING

TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 WEBS 1 Row at midpt 4-10

REACTIONS (lb/size)

11=671/Mechanical, 8=771/0-5-8
 Max Horz 11=-188(load case 4)
 Max Uplift 11=-23(load case 7), 8=-47(load case 7)
 Max Grav 11=671(load case 1), 8=794(load case 3)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-236, 2-3=-531, 3-4=-283, 4-5=-550, 5-6=-314, 6-7=72, 1-11=-228, 6-8=-385
 BOT CHORD 10-11=314, 9-10=286, 8-9=350
 WEBS 2-10=-68, 3-10=143, 4-10=-18, 4-9=169, 5-9=-115, 2-11=-442, 5-8=-385

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 11 and 47 lb uplift at joint 8.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

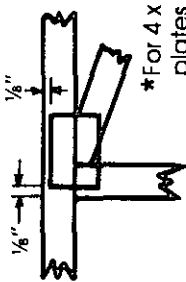
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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 H18-91 Handling, Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

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 playing 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.

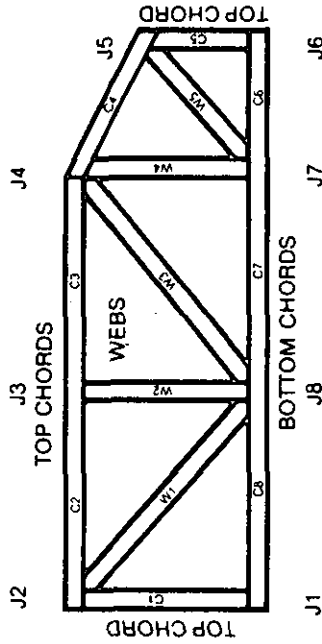
LATERAL BRACING

 Indicates location of required continuous lateral bracing.

BEARING

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

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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798469
08023RV1	H4	ROOF TRUSS	1	1	(optional)	
Woodhaven Lumber Inc., Lakewood, NJ 08701 4.201 SRT s Oct 29 2001 Mitek Industries, Inc. Thu Dec 13 10:58:18 2001 Page 1						

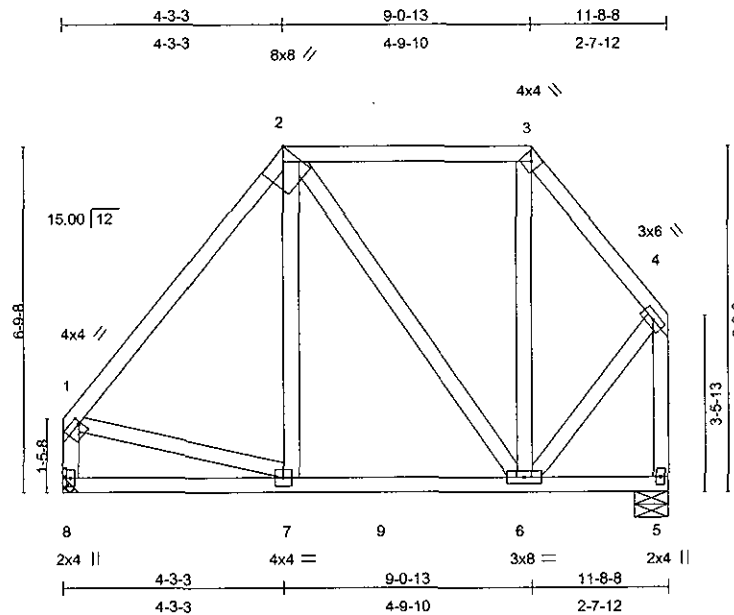


Plate Offsets (X,Y): [1:0-0-8,0-1-8], [2:0-2-12,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.56	in (loc) l/defl	MII20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.15	Vert(LL) -0.01 6-7 >999		
BCCL 0.0	Lumber Increase 1.15	WB 0.20	Vert(TL) -0.03 6-7 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 5 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		
				Weight: 69 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF Stud/Std *Except*
 2-6 2 X 4 SPF No.2

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

REACTIONS (lb/size) 8=611/Mechanical, 5=604/0-7-12
 Max Horz 8=117(load case 6)
 Max Uplift 8=-22(load case 6), 5=-61(load case 6)
 Max Grav 8=645(load case 2), 5=604(load case 1)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=-581, 2-3=-212, 3-4=-390, 1-8=-572, 4-5=-589
 BOT CHORD 7-8=88, 7-9=291, 6-9=291, 5-6=4
 WEBS 2-7=93, 2-6=-135, 3-6=-56, 1-7=210, 4-6=334

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone, on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 22 lb uplift at joint 8 and 61 lb uplift at joint 5.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

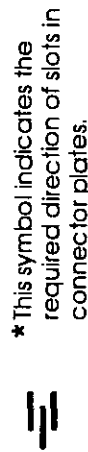
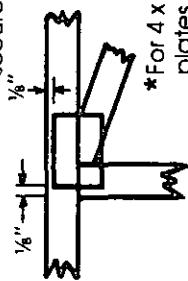
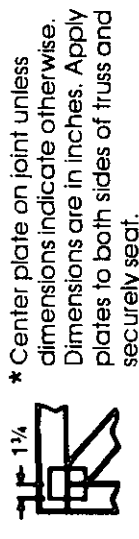
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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.

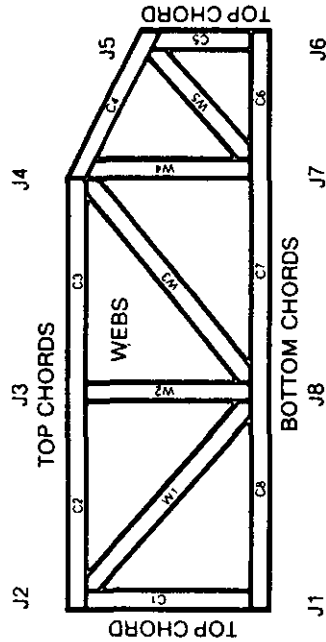
LATERAL BRACING



BEARING



Numbering System

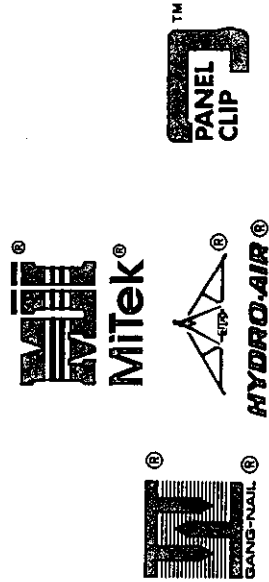


JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTHEST TO THE LEFT.

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



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

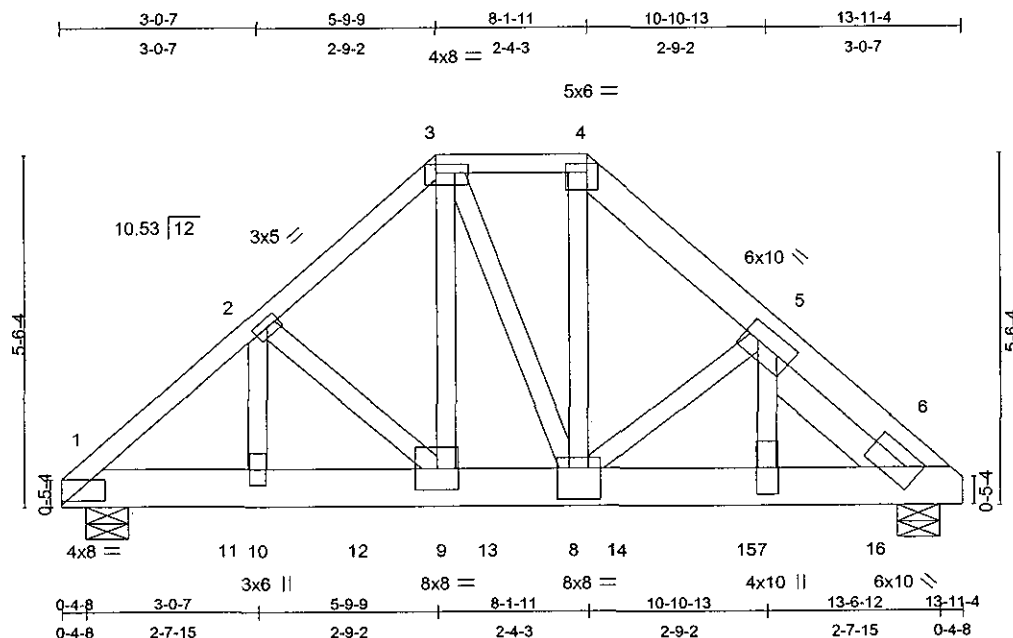
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job 08023RV1	Truss HGR1	Truss Type ROOF TRUSS	Qty 1	Ply 2	Hasse Residence (optional)	I1798470
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Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:46:02 2001 Page 1



Scale = 1:35.7

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

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.37	in (loc) l/defl	MI20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.60	Vert(LL) -0.04 7-8 >999		
BCLL 0.0 *	Lumber Increase 1.15	WB 0.94	Vert(TL) -0.06 7-8 >999		
BCDL 10.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.02 6 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 203 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2 *Except*
4-6 2 X 6 SPF 1650F 1.5E
BOT CHORD 2 X 8 SYP No.2
WEBS 2 X 4 SPF Stud/Std
SLIDER Right 2 X 6 SPF 1650F 1.5E 2-8-0

BRACING

TOP CHORD Sheathed or 5-6-4 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 1=3823/0-7-12, 6=6996/0-7-12

Max Horz 1=-112(load case 4)
Max Uplift 1=-204(load case 6), 6=-421(load case 6)
Max Grav 1=3824(load case 2), 6=6996(load case 1)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-5085, 2-3=-4732, 3-4=-4109, 4-5=-5380, 5-6=-7355
BOT CHORD 1-11=3625, 10-11=3625, 10-12=3625, 9-12=3625, 9-13=3538, 8-13=3538, 8-14=5245, 14-15=5245, 7-15=5245, 7-16=5245,
6-16=5245
WEBS 2-10=296, 2-9=-184, 3-9=1729, 3-8=1417, 4-8=3125, 5-8=-1623, 5-7=2431

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- Provide adequate drainage to prevent water ponding.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 204 lb uplift at joint 1 and 421 lb uplift at joint 6.
- This truss has been designed with ANSI/TPI 1-1995 criteria.
- 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc, 2 X 6 - 2 rows at 0-9-0 oc.
Bottom chords connected as follows: 2 X 8 - 2 rows at 0-5-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
- Special hanger(s) or connection(s) required to support concentrated load(s) 427.9lb down at 2-7-0, 427.9lb down at 4-7-0, 2163.9lb down and 141.4lb up at 6-7-0, 2163.9lb down and 141.4lb up at 8-7-0, and 2163.9lb down and 141.4lb up at 10-7-0, and 2163.9lb down and 141.4lb up at 12-7-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

December 17, 2001

Continued on page 2 standard

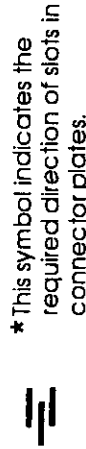
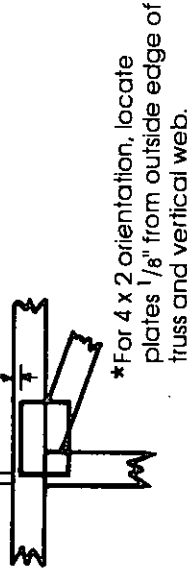
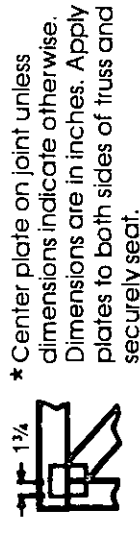
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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Symbols

PLATE LOCATION AND ORIENTATION



* For tabular playing 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



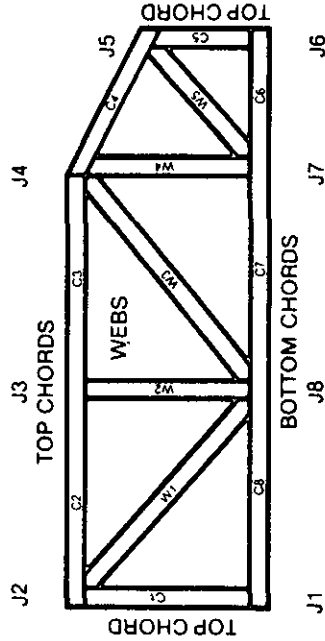
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798470
08023RV1	HGR1	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:46:03 2001 Page 2

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-3=-80.0, 3-4=-80.0, 4-6=-80.0, 1-6=-20.0

Concentrated Loads (lb)

Vert: 11=-427.9 12=-427.9 13=-2163.9 14=-2163.9 15=-2163.9 16=-2163.9

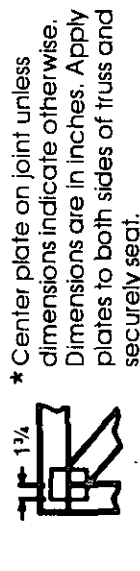
⚠ WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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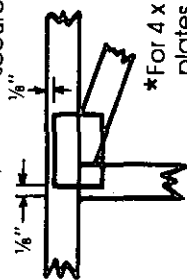


Symbols

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



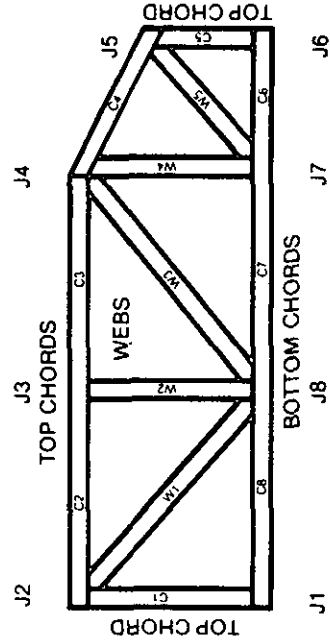
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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

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.

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GANG-NAIL®



HYDRO-AIR®



PANEL CLIP™

Job 08023RV1	Truss HGR2	Truss Type ROOF TRUSS	Qty 1	Ply 1	Hasse Residence (optional)	11798471
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Woodhaven Lumber Inc., Lakewood, NJ 08701

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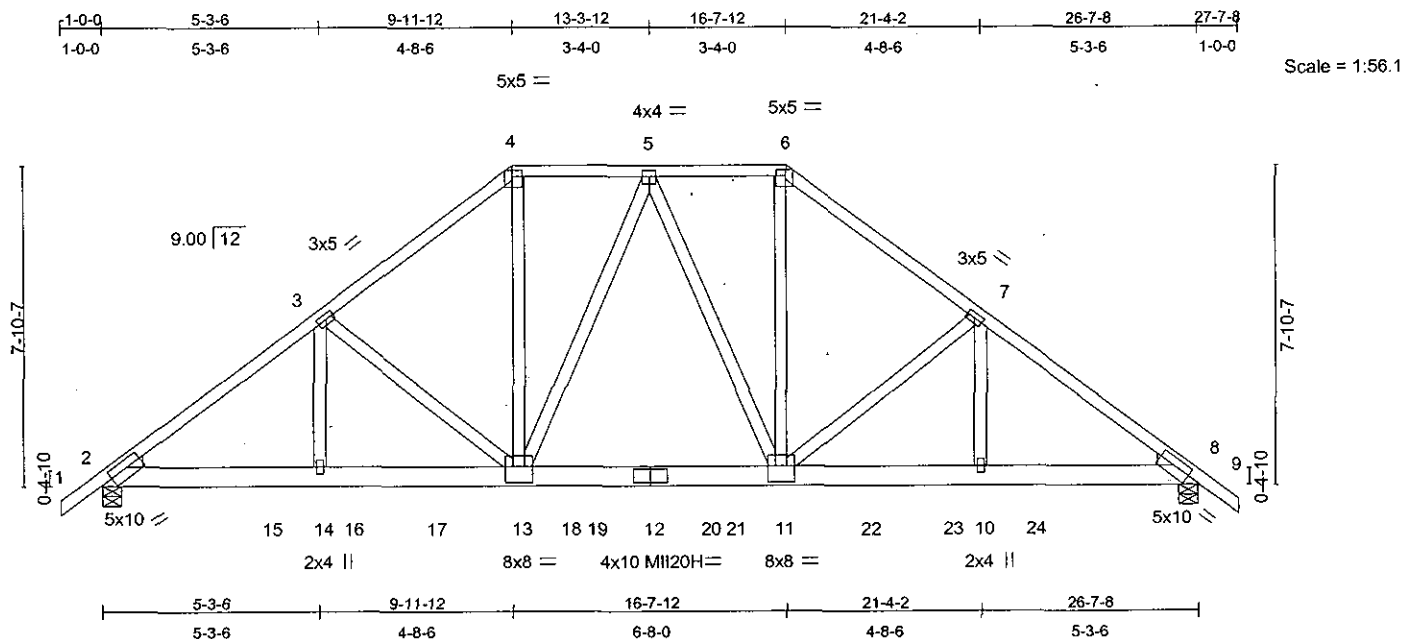


Plate Offsets (X,Y): [2:0-3-6,0-2-4], [4:0-3-0,0-2-0], [6:0-3-0,0-2-0], [8:0-3-6,0-2-4], [11:0-4-0,0-4-12], [13:0-4-0,0-4-12]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.82	Vert(LL) -0.22	11-13	>999	MI20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.83	Vert(TL) -0.32	11-13	>992	MI20H	148/108
BCLL 0.0	Rep Stress Incr NO	WB 0.77	Horz(TL) 0.09	8	n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360			Weight: 143 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 6 SPF 1650F 1.5E
 WEBS 2 X 4 SPF Stud/Std *Except*
 4-13 2 X 4 SPF No.2, 5-13 2 X 4 SPF No.2, 5-11 2 X 4 SPF No.2
 6-11 2 X 4 SPF No.2

WEDGE

Left: 2 X 4 SPF Stud/Std, Right: 2 X 4 SPF Stud/Std

REACTIONS (lb/size) 2=3155/0-5-8, 8=3155/0-5-8

Max Horz 2=-168(load case 4)
 Max Uplift 2=-1123(load case 6), 8=-1074(load case 7)
 Max Grav 2=3186(load case 2), 8=3186(load case 3)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=52, 2-3=-4633, 3-4=-3787, 4-5=-2971, 5-6=-2971, 6-7=-3786, 7-8=-4633, 8-9=52
 BOT CHORD 2-15=3558, 14-15=3558, 14-16=3558, 16-17=3558, 13-17=3558, 13-18=3001, 18-19=3001, 12-19=3001, 12-20=3001,
 20-21=3001, 11-21=3001, 11-22=3558, 22-23=3558, 10-23=3558, 10-24=3558, 8-24=3558
 WEBS 3-14=676, 3-13=-804, 4-13=1831, 5-13=-81, 5-11=-81, 6-11=1830, 7-11=-804, 7-10=676

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) All plates are MI20 plates unless otherwise indicated.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1123 lb uplift at joint 2 and 1074 lb uplift at joint 8.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.
- 9) Special hanger(s) or connection(s) required to support concentrated load(s) 302.3lb down and 200.6lb up at 4-0-8, 313.7lb down and 103.5lb up at 6-0-8, 306.6lb down and 155.5lb up at 8-0-8, 316.2lb down and 209.1lb up at 10-0-8, 316.2lb down and 209.1lb up at 11-3-12, 276.2lb down and 209.1lb up at 13-3-12, 316.2lb down and 209.1lb up at 15-3-12, 316.2lb down and 209.1lb up at 16-7-0, 306.6lb down and 155.5lb up at 18-7-0, and 313.7lb down and 103.5lb up at 20-7-0, and 302.3lb down and 200.6lb up at 22-7-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

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Continued on page 2

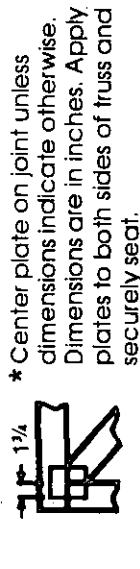
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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-38 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.

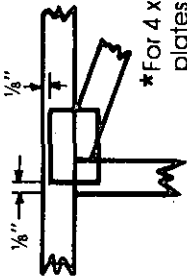


Symbols

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 tubular 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.

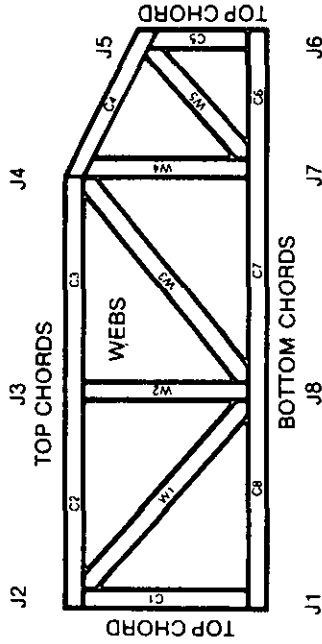


BEARING

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



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®



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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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798471
08023RV1	HGR2	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-4=-80.0, 4-6=-80.0, 6-9=-80.0, 2-19=-20.0, 19-20=-60.0, 8-20=-20.0

Concentrated Loads (lb)

Vert: 12=-276.2 13=-316.2 11=-316.2 15=-302.3 16=-313.7 17=-306.6 18=-316.2 21=-316.2 22=-306.6 23=-313.7 24=-302.3

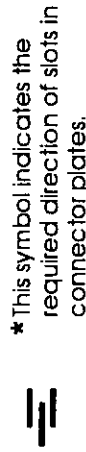
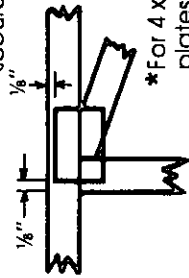
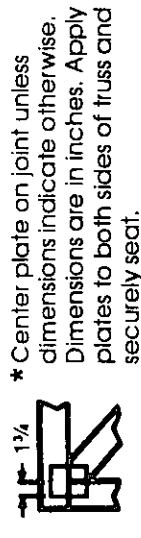
⚠ WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



* For tubular plating form at 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.

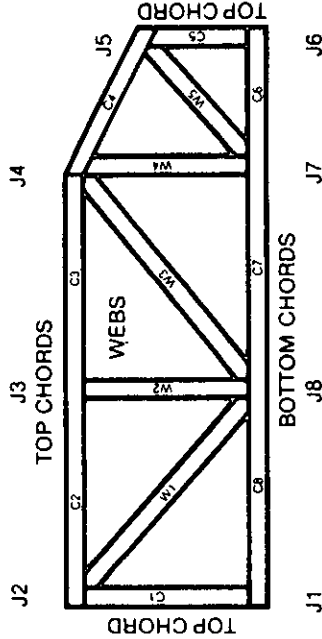


BEARING



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

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

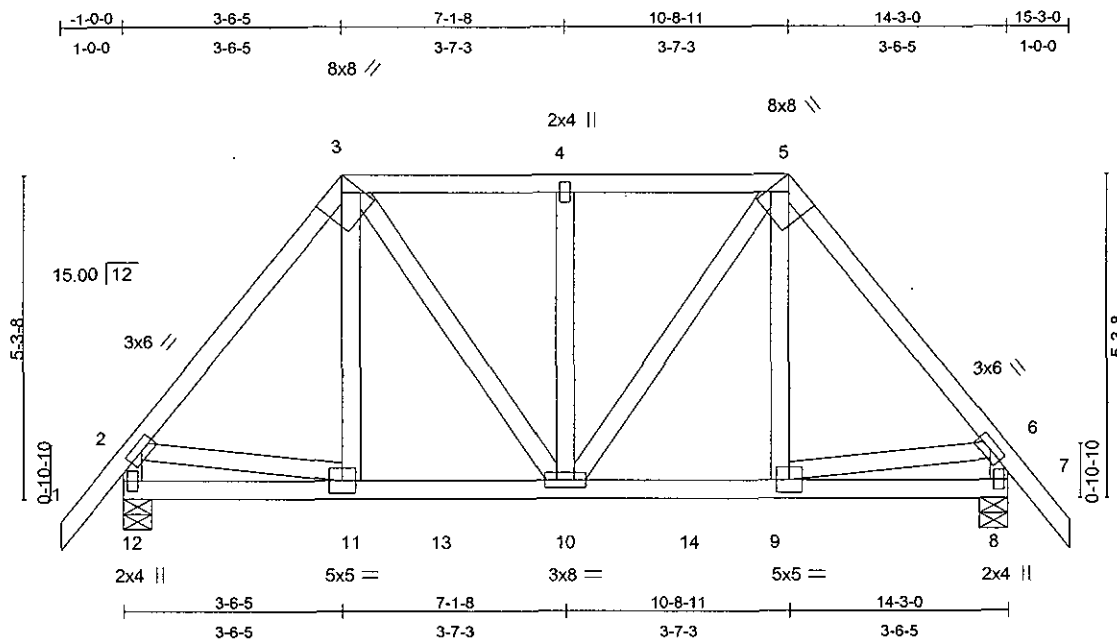
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798472
08023RV1	HGR3	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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Scale = 1:37.2

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

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.40	Vert(LL) -0.04	9-10	>999	M120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.50	Vert(TL) -0.07	9-10	>999		
BCLL 0.0 *	Rep Stress Incr NO	WB 0.58	Horz(TL) 0.01	8	n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360			Weight: 79 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-3-11 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 12=1744/0-5-8, 8=1743/0-5-8
Max Horz 12=-110(load case 7)
Max Uplift 12=-447(load case 6), 8=-394(load case 6)
Max Grav 12=1784(load case 2), 8=1784(load case 3)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=72, 2-3=-1774, 3-4=-1410, 4-5=-1410, 5-6=-1774, 6-7=72, 2-12=-1720, 6-8=-1719
BOT CHORD 11-12=88, 11-13=1050, 10-13=1050, 10-14=1050, 9-14=1050, 8-9=88
WEBS 3-11=517, 3-10=608, 4-10=-250, 5-10=608, 5-9=517, 2-11=964, 6-9=964

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 447 lb uplift at joint 12 and 394 lb uplift at joint 8.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.
- 8) Special hanger(s) or connection(s) required to support concentrated load(s) 463.1lb down and 189.8lb up at 3-7-1, 327.2lb down and 105.8lb up at 5-1-8, 327.2lb down and 105.8lb up at 7-1-8, and 327.2lb down and 105.8lb up at 9-1-8, and 463.1lb down and 189.8lb up at 10-7-15 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

- 1) Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-80.0, 2-3=-80.0, 3-5=-80.0, 5-6=-80.0, 6-7=-80.0, 8-12=-20.0
Concentrated Loads (lb)
Vert: 11=-463.1 10=-327.2 9=-463.1 13=-327.2 14=-327.2

December 17, 2001

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

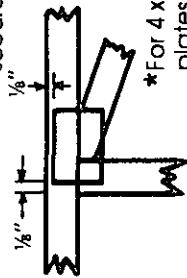
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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 H18-91 Handling, Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



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 tubular 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



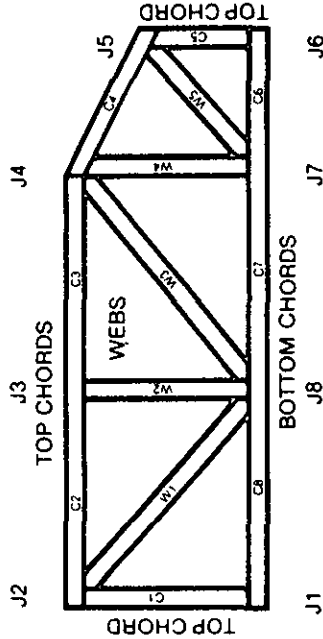
Indicates location of required continuous lateral bracing.

BEARING



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

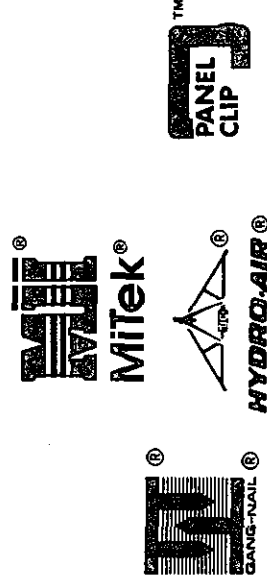
Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

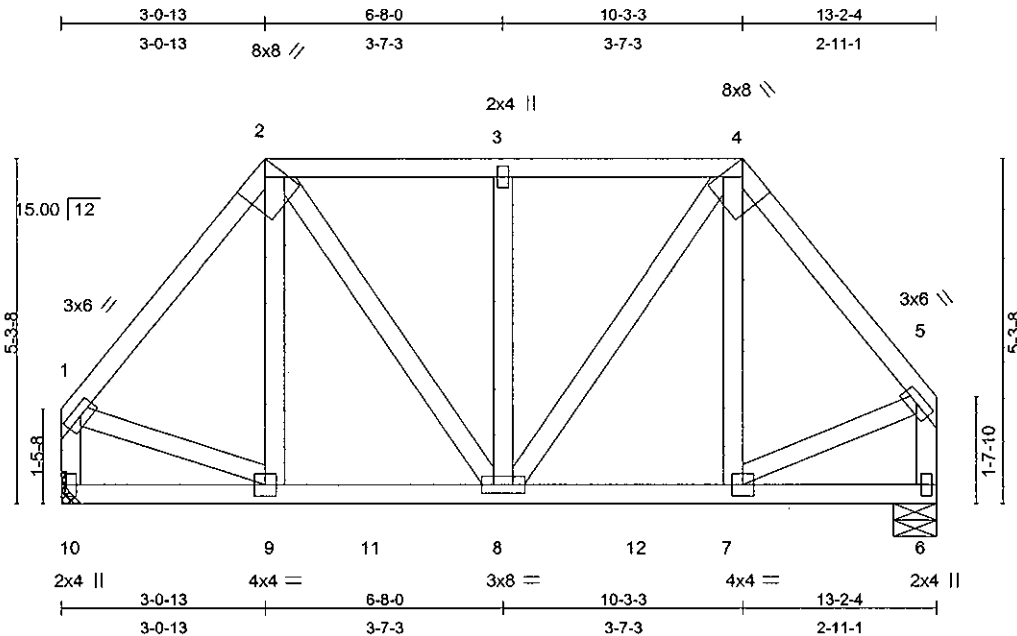
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798473
08023RV1	HGR4	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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Scale = 1:34.9

Plate Offsets (X,Y): [2:0-2-12,Edge], [4:0-2-12,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	I/defl	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.44	Vert(LL)	-0.04 8-9	>999	M120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.56	Vert(TL)	-0.06 8-9	>999		
BCLL 0.0	Lumber Increase 1.15	WB 0.50	Horz(TL)	0.01 6	n/a		
BCDL 10.0	Rep Stress Incr NO	(Matrix)	1st LC LL Min I/defl = 360			Weight: 73 lb	
	Code BOCA/ANSI95						

LUMBER

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-11-1 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
6-0-0 oc bracing: 9-10.

REACTIONS (lb/size) 10=1440/Mechanical, 6=1178/0-7-12
Max Horz 10=86(load case 5)
Max Uplift 10=-361(load case 6), 6=-264(load case 6)
Max Grav 10=1461(load case 2), 6=1195(load case 3)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-1377, 2-3=-1049, 3-4=-1049, 4-5=-1072, 1-10=-1435, 5-6=-1167
BOT CHORD 9-10=37, 9-11=816, 8-11=816, 8-12=615, 7-12=615, 6-7=30
WEBS 2-9=411, 2-8=394, 3-8=-262, 4-8=735, 4-7=-96, 1-9=829, 5-7=656

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 361 lb uplift at joint 10 and 264 lb uplift at joint 6.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.
- 9) Special hanger(s) or connection(s) required to support concentrated load(s) 463.1lb down and 189.8lb up at 3-1-9, 327.2lb down and 105.8lb up at 4-8-0, and 304.0lb down and 114.9lb up at 6-8-0, and 234.2lb down and 120.9lb up at 8-8-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

- 1) Snow: Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-2=-80.0, 2-4=-80.0, 4-5=-80.0, 6-10=-20.0

December 17, 2001

Continued on page 2

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

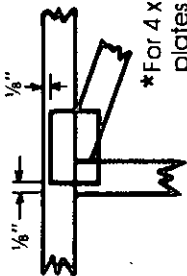
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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.



Symbols

PLATE LOCATION AND ORIENTATION

1 1/4"
 * 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.

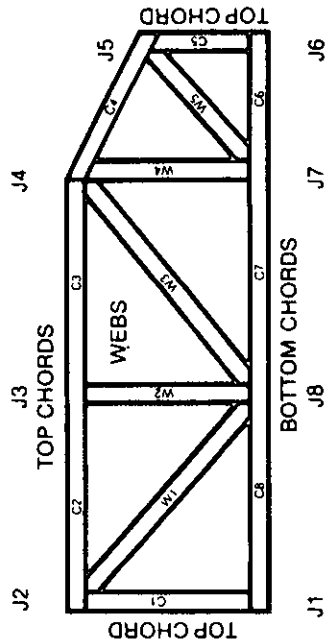


BEARING

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



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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TM

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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798473
08023RV1	HGR4	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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LOAD CASE(S) Standard

Concentrated Loads (lb)

Vert: 9=-463.1 8=-304.0 11=-327.2 12=-234.2

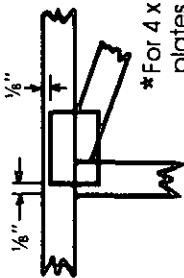
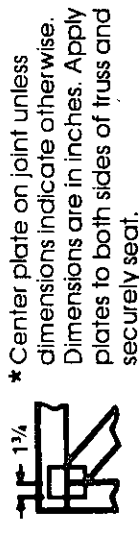
⚠ WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



* 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 tubular 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



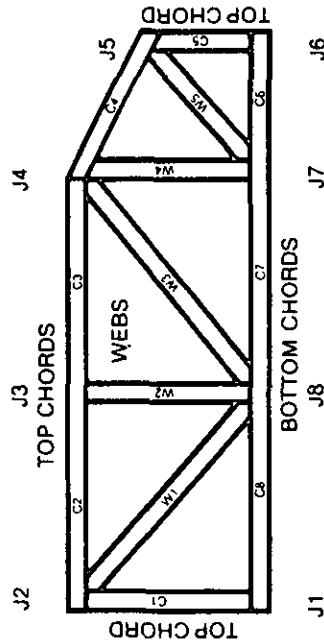
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798474
08023RV1	HGR5	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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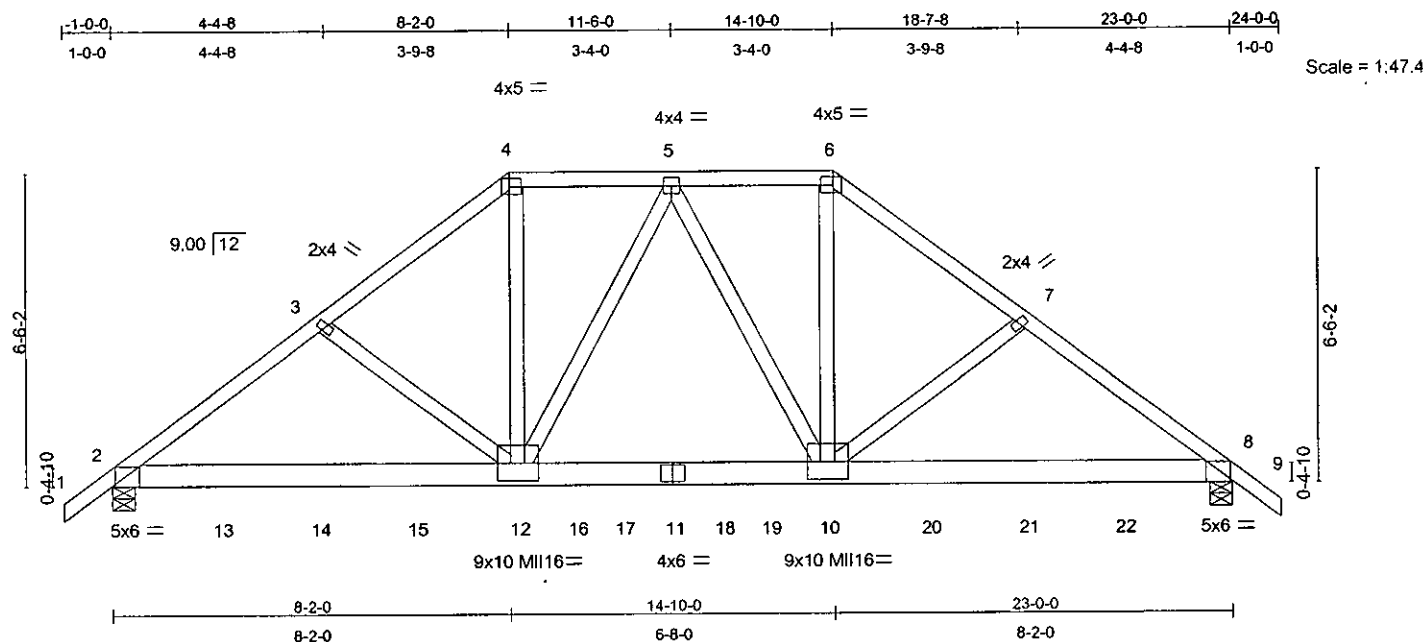


Plate Offsets (X,Y): [2:0-3-0,Edge], [4:0-3-0,0-2-0], [6:0-3-0,0-2-0], [8:0-3-0,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.61	Vert(LL) -0.13	8-10	>999	MII20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.66	Vert(TL) -0.23	8-10	>999	MII16	127/82
BCLL 0.0	Rep Stress Incr NO	WB 0.80	Horz(TL) 0.05	8	n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360			Weight: 114 lb	

LUMBER

TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 6 SPF 1650F 1.5E
WEBS 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 2-9-8 oc purlins.
BOT CHORD Rigid ceiling directly applied or 9-2-9 oc bracing.

REACTIONS (lb/size) 2=2350/0-5-8, 8=2350/0-5-8

Max Horz 2=-138(load case 4)
Max Uplift 2=848(load case 6), 8=799(load case 7)
Max Grav 2=2385(load case 2), 8=2385(load case 3)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=52, 2-3=3056, 3-4=-2817, 4-5=-2203, 5-6=-2203, 6-7=-2817, 7-8=-3056, 8-9=52
BOT CHORD 2-13=2360, 13-14=2360, 14-15=2360, 12-15=2360, 12-16=2256, 16-17=2256, 11-17=2256, 18-19=2256,
10-19=2256, 10-20=2360, 20-21=2360, 21-22=2360, 8-22=2360
WEBS 3-12=-239, 4-12=1322, 5-12=-115, 5-10=-115, 6-10=1322, 7-10=-239

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) All plates are MII20 plates unless otherwise indicated.
- 6) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 848 lb uplift at joint 2 and 799 lb uplift at joint 8.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.
- 9) Special hanger(s) or connection(s) required to support concentrated load(s) 150.0lb down and 94.8lb up at 2-2-12, 182.4lb down and 70.3lb up at 4-2-12, 193.3lb down and 119.1lb up at 6-2-12, 231.1lb down and 172.8lb up at 8-2-12, 231.1lb down and 172.8lb up at 9-6-0, 191.1lb down and 172.8lb up at 11-6-0, 231.1lb down and 172.8lb up at 13-6-0, 231.1lb down and 172.8lb up at 14-9-4, 193.3lb down and 119.1lb up at 16-9-4, and 182.4lb down and 70.3lb up at 18-9-4, and 150.0lb down and 94.8lb up at 20-9-4 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

December 17, 2001

Continued on page 2

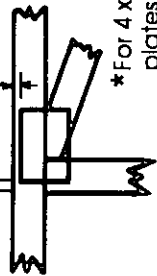
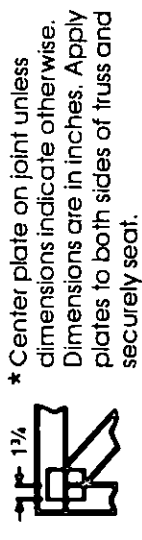
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



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



* For tubular plating form at 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.

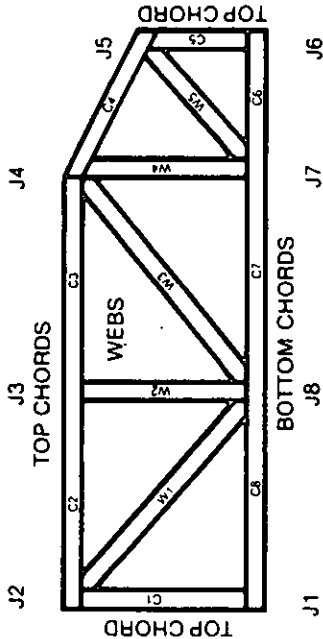


BEARING

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



Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798474
08023RV1	HGR5	ROOF TRUSS	1	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-4=-80.0, 4-6=-80.0, 6-9=-80.0, 2-17=-20.0, 17-18=-60.0, 8-18=-20.0

Concentrated Loads (lb)

Vert: 11=-191.1 12=-231.1 10=-231.1 13=-150.0 14=-182.4 15=-193.3 16=-231.1 19=-231.1 20=-193.3 21=-182.4 22=-150.0

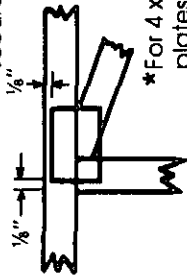
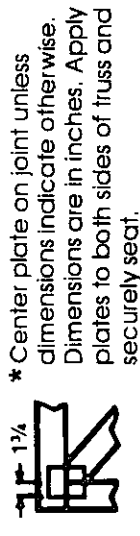
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Symbols

PLATE LOCATION AND ORIENTATION



* 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 tubular 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.

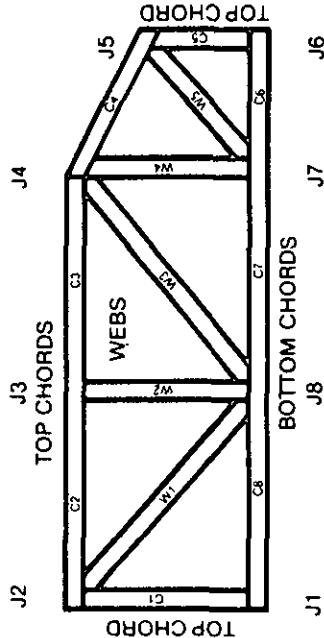


BEARING

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



Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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 pullins 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.

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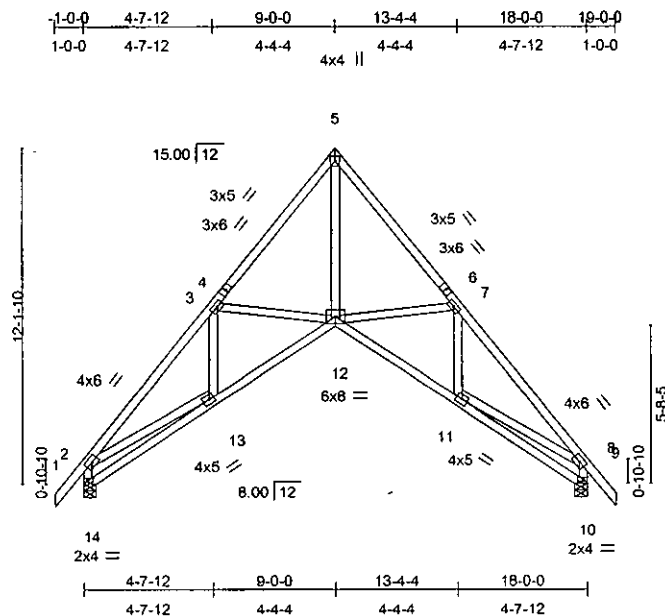


Plate Offsets (X,Y): [10:0-2-4,0-1-0], [14:0-2-4,0-1-0]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.57	Vert(LL) -0.07 12 >999	M120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.30	Vert(TL) -0.12 12-13 >999		
BCLL 0.0	Rep Stress Incr YES	WB 0.79	Horz(TL) 0.18 10 n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 99 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF Stud/Std

BRACING
 TOP CHORD Sheathed or 4-7-1 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 14=977/0-5-8, 10=977/0-5-8
 Max Horz 14=268(load case 5)
 Max Uplift 14=-58(load case 7), 10=-58(load case 6)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=72, 2-3=-1542, 3-4=-1200, 4-5=-1067, 5-6=-1067, 6-7=-1200, 7-8=-1542, 8-9=72, 2-14=-1036, 8-10=-1036
 BOT CHORD 13-14=224, 12-13=1073, 11-12=1073, 10-11=224
 WEBS 3-13=-59, 3-12=-207, 5-12=1309, 7-12=-207, 7-11=-59, 2-13=777, 8-11=777

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 5) Bearing at joint(s) 14, 10 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 58 lb uplift at joint 14 and 58 lb uplift at joint 10.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

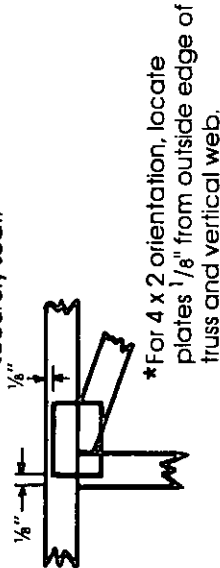
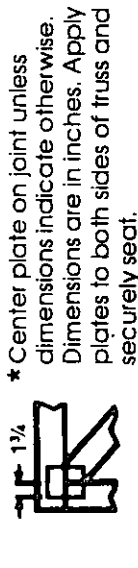
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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 QSI-88 Quality Standard, DSI-89 Bracing Specification, and HIB-91 Handling, Installing and Bracing Recommendation available from Truss Plate Institute, 593 D'Onotrio Drive, Madison, WI 53719.



Symbols

PLATE LOCATION AND ORIENTATION



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



* 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



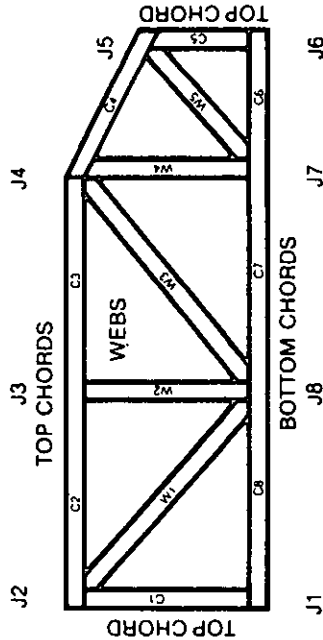
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



HYDRO-AIR®



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

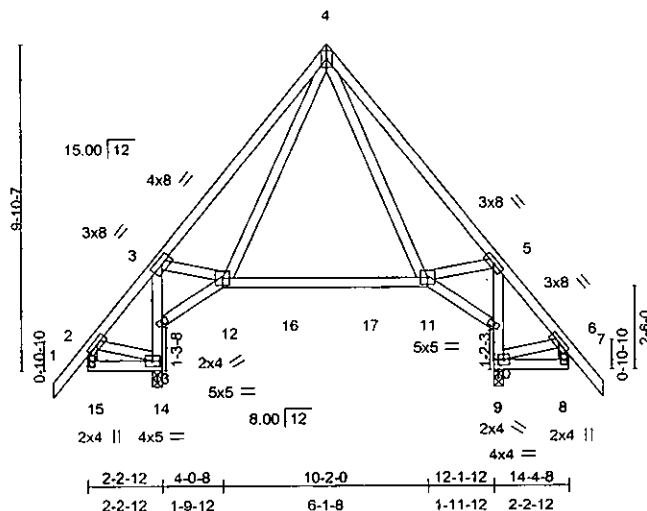
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798476
08023RV1	T16	ROOF TRUSS	1	1	(optional)	
Woodhaven Lumber Inc., Lakewood, NJ 08701 4.201 SR1 s Oct 29 2001 Mittek Industries, Inc. Thu Dec 13 10:58:25 2001 Page 1						

1-0-0 2-2-12 7-2-4 12-1-12 14-4-8 15-4-8
1-0-0 2-2-12 4-11-8 4-11-8 2-2-12 1-0-0

Scale = 1:69.0



LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.40	in (loc) l/defl	MII20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.38	Vert(LL) -0.05 11-12 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.22	Vert(TL) -0.08 11-12 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.07 9 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		
				Weight: 81 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud/Std *Except*
4-12 2 X 4 SPF No.2, 4-11 2 X 4 SPF No.2, 2-14 2 X 4 SPF No.2
6-9 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 5-11-2 oc bracing.

REACTIONS (lb/size) 14=844/0-3-8, 9=844/0-3-8
Max Horz 14=-215(load case 4)
Max Uplift 14=-82(load case 6), 9=-82(load case 7)
Max Grav 14=907(load case 2), 9=906(load case 3)

FORCES(lb) - First Load Case Only
TOP CHORD 1-2=72, 2-3=287, 3-4=-418, 4-5=-426, 5-6=286, 6-7=72, 2-15=55, 6-8=53
BOT CHORD 14-15=-40, 13-14=-833, 3-13=-765, 12-13=-141, 12-16=168, 16-17=168, 11-17=168, 10-11=-137,
9-10=-830, 5-10=-762, 8-9=-39
WEBS 3-12=304, 4-12=-8, 4-11=4, 5-11=302, 2-14=-82, 6-9=-83

- NOTES**
- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 82 lb uplift at joint 14 and 82 lb uplift at joint 9.
 - 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

[Signature]

December 17, 2001

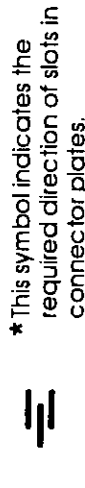
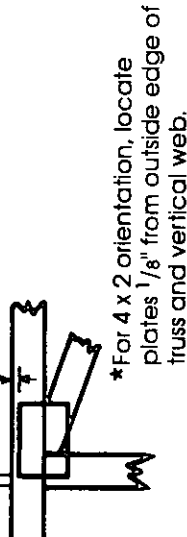
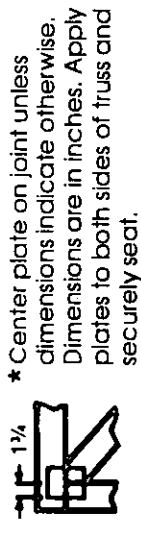
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

Design valid for use only with Mittek connectors. This design is based only upon parameters shown, and is for an individual building component 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'Oroville Drive, Madison, WI 53719.



Symbols

PLATE LOCATION AND ORIENTATION

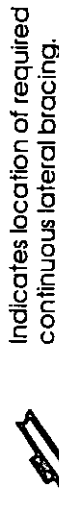


* For tubular plating form at refer to the Mitek/Gang-Nail Joint/Plate Placement Chart.

PLATE SIZE

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

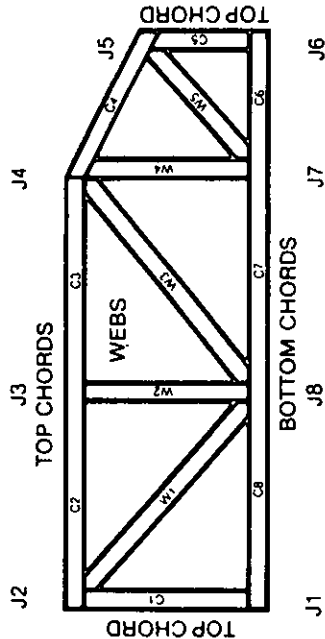
LATERAL BRACING



BEARING



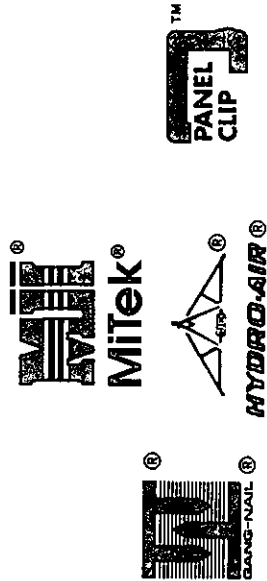
Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST TO THE LEFT.
WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

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



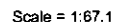
General Safety Notes

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.

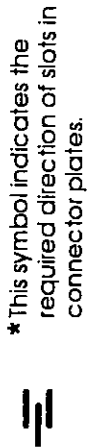
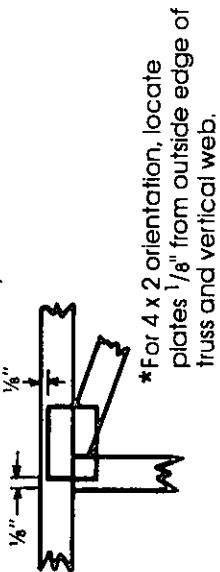
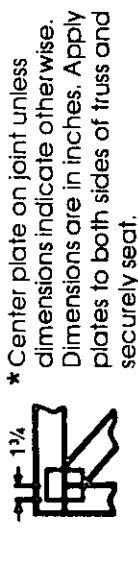
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Woodhaven Lumber Inc., Lakewood, NJ 08701 4.201 SR1 s Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:25 2001 Page 1



Symbols

PLATE LOCATION AND ORIENTATION



* For tubular plating form at 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.

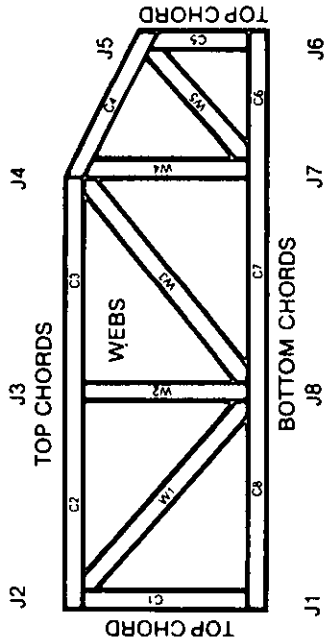


BEARING

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



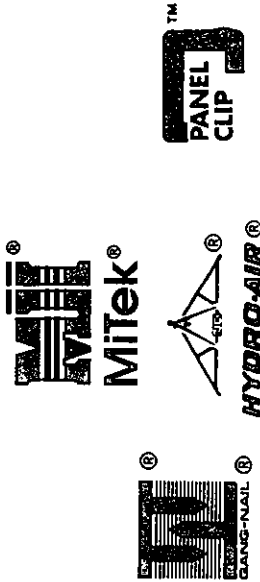
Numbering System



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

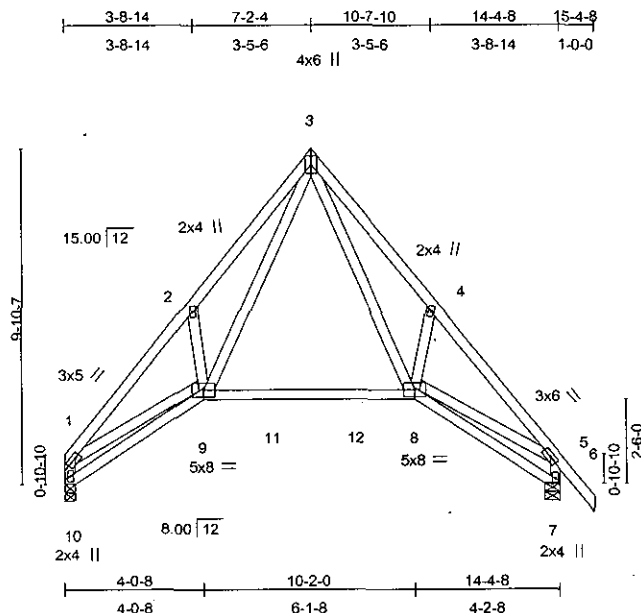


General Safety Notes

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.

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Scale = 1:67.1

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

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.59	in (loc) l/defl	MII20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.31	Vert(LL) -0.10 8-9 >999		
BCCL 0.0	Lumber Increase 1.15	WB 0.43	Vert(TL) -0.17 8-9 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.10 7 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360		
				Weight: 81 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF Stud/Std *Except*
 3-9 2 X 4 SPF No.2, 3-8 2 X 4 SPF No.2

BRACING
 TOP CHORD Sheathed or 5-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 10=749/0-3-8, 7=848/0-5-8
 Max Horz 10=-228(load case 4)
 Max Uplift 10=-42(load case 7), 7=-49(load case 6)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-2=-1343, 2-3=-1273, 3-4=-1210, 4-5=-1299, 5-6=72, 1-10=-826, 5-7=-876
 BOT CHORD 9-10=213, 9-11=392, 11-12=392, 8-12=392, 7-8=126
 WEBS 2-9=-219, 3-9=837, 3-8=776, 4-8=-205, 1-9=672, 5-8=718

- NOTES**
- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
 - 5) Bearing at joint(s) 10, 7 considers parallel to grain value using ANSI/TPI 1-1995 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 42 lb uplift at joint 10 and 49 lb uplift at joint 7.
 - 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

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

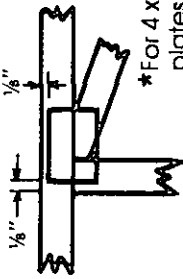
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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, DSS-89 Bracing Specification, and HIB-91 Handling Installing and Bracing Recommendation available from Truss Plate Institute, 563 D'Onofrio Drive, Madison, WI 53719.



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

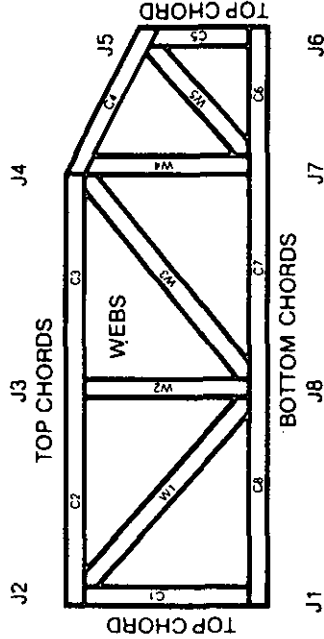
 Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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®



HYDRO-AIR®



TM

PANEL CLIP

General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

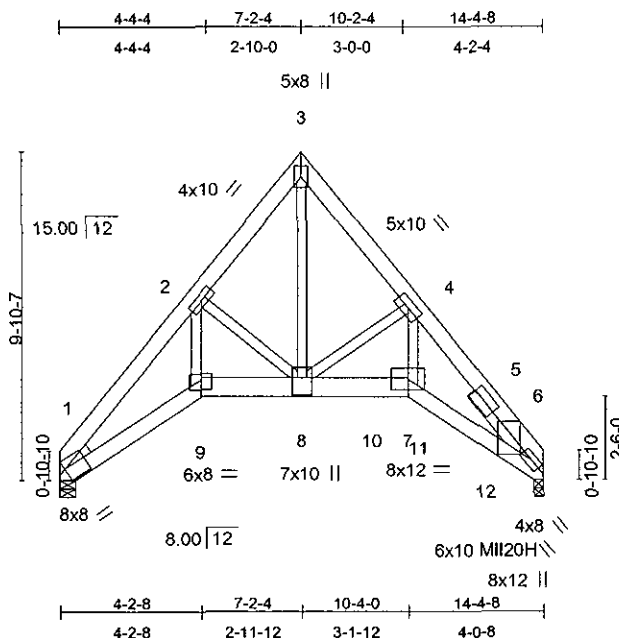
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job 08023RV1	Truss T18	Truss Type ROOF TRUSS	Qty 1	Ply 2	Hasse Residence (optional)	i1798479
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Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:48:05 2001 Page 1



Scale = 1:68.7

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

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.64	in (loc) l/defl	MI120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.89	Vert(LL) -0.13 7-8 >999	MI120H	148/108
BCLL 0.0 *	Lumber Increase 1.15	WB 0.82	Vert(TL) -0.20 7-8 >852		
BCDL 10.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.28 6 n/a		
	Code BOCA/ANSI95		1st L.C LL Min l/defl = 360		
				Weight: 211 lb	

LUMBER

TOP CHORD 2 X 6 SPF 1650F 1.5E
 BOT CHORD 2 X 6 SPF 1650F 1.5E *Except*
 7-9 2 X 8 SYP No.2
 WEBS 2 X 4 SPF Stud/Std *Except*
 3-8 2 X 4 SPF 1650F 1.5E, 4-7 2 X 4 SPF No.2

WEDGE
 Left: 2 X 4 SPF Stud/Std
 SLIDER Right 2 X 4 SPF Stud/Std 2-8-10

REACTIONS (lb/size) 1=3831/0-5-8, 6=6503/0-3-14 (input: 0-3-8)
 Max Horz 1=220(load case 5)
 Max Uplift 1=-1104(load case 7), 6=-1255(load case 6)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-8006, 2-3=-5820, 3-4=-5729, 4-5=-10774, 5-6=-10978
 BOT CHORD 1-9=5351, 8-9=4670, 8-10=6914, 7-10=6908, 7-11=8530, 11-12=7641, 6-12=6696
 WEBS 2-9=2710, 2-8=-1273, 3-8=8337, 4-8=-4033, 4-7=6708

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) All plates are MI120 plates unless otherwise indicated.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) WARNING: Required bearing size at joint(s) 6 greater than input bearing size.
- 7) Bearing at joint(s) 1, 6 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 1104 lb uplift at joint 1 and 1255 lb uplift at joint 6.
- 9) This truss has been designed with ANSI/TPI 1-1995 criteria.
- 10) 2-ply truss to be connected together with 10d Common(148"x3") Nails as follows:
 Top chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
 Bottom chords connected as follows: 2 X 6 - 3 rows at 0-4-0 oc.
 Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

December 17,2001

Continued on page 2

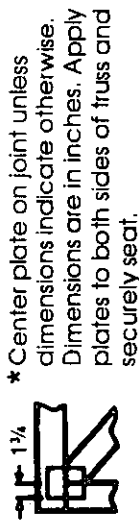
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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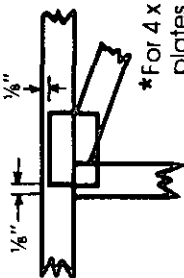


Symbols

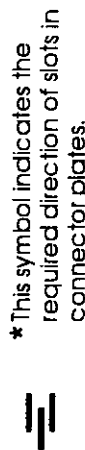
PLATE LOCATION AND ORIENTATION



* 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 tubular 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



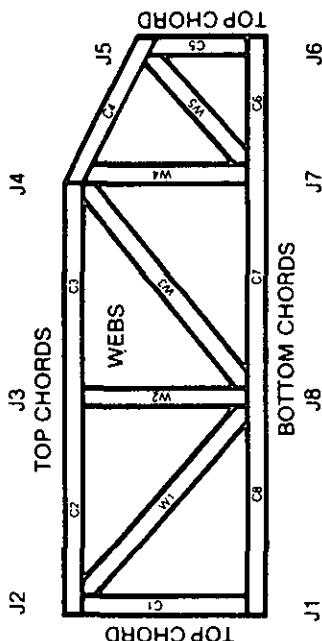
Indicates location of required continuous lateral bracing.

BEARING



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

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
SBOCI	87206, 86217, 9190
WISC/DILHR	870040-N, 930013-N, 910080-N



Mitek



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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798479
08023RV1	T18	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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NOTES

11) Special hanger(s) or connection(s) required to support concentrated load(s) 4129.2lb down and 1990.1lb up at 7-2-4, 1572.9lb down and 87.0lb up at 9-1-8, and 1587.9lb down and 97.3lb up at 11-1-8, and 1644.1lb down and 101.2lb up at 13-1-8 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-3=-80.0, 3-6=-80.0, 1-9=-20.0, 7-9=-20.0, 6-7=-20.0

Concentrated Loads (lb)

Vert: 8=-4129.2 10=-1572.9 11=-1587.9 12=-1644.1

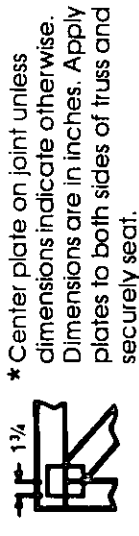
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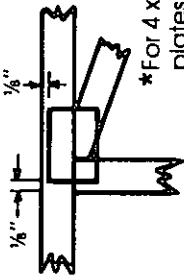


Symbols

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 tubular 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



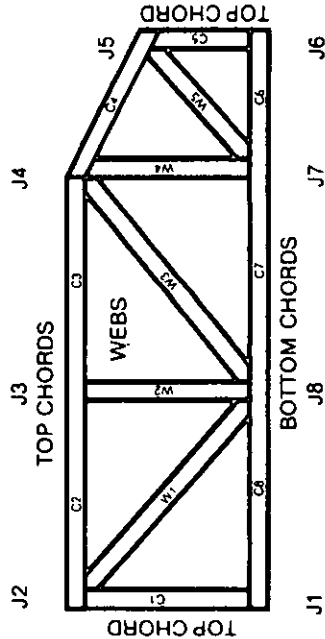
Indicates location of required continuous lateral bracing.

BEARING



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

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

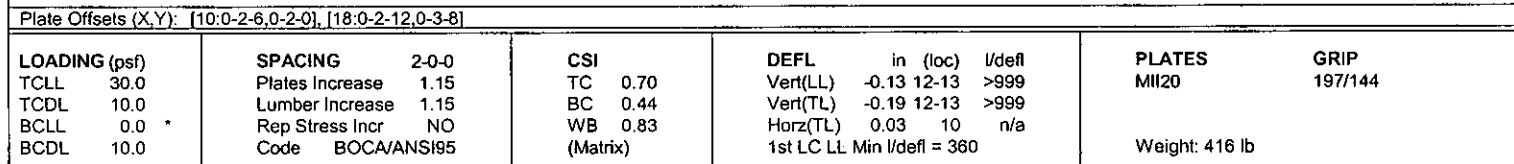


General Safety Notes

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.

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REACTIONS (lb/size) 19=4111/Mechanical, 10=3982/0-5-8
Max Horz 19=-358(load case 7)
Max Uplift 19=-1976(load case 4), 10=-1337(load case 7)
Max Grav 19=4149(load case 3), 10=4145(load case 3)

FORCES (lb) - First Load Case Only
 TOP CHORD 1-19=-3531, 1-2=-1901, 2-3=-1905, 3-4=-2522, 4-5=-2522, 5-6=-3196, 6-7=-4048, 7-8=-5410, 8-9=-5525, 9-10=-5697,
 10-11=52
 BOT CHORD 19-20=33, 20-21=33, 21-22=33, 18-22=33, 17-18=426, 2-18=-295, 17-23=189, 23-24=189, 16-24=189, 16-25=3091,
 25-26=3091, 26-27=3091, 15-27=3091, 15-28=3091, 14-28=3091, 13-14=3091, 13-29=3838, 29-30=3838, 30-31=3838,
 31-32=3838, 12-32=3838, 12-33=4425, 33-34=4425, 10-34=4425
 WEBS 1-18=3851, 16-18=2733, 3-18=-1200, 3-16=678, 5-16=-1389, 5-15=732, 5-13=255, 6-13=2011, 7-13=-1241, 7-12=1690,
 9-12=-160

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 1976 lb uplift at joint 19 and 1337 lb uplift at joint 10.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.
- 9) 2-ply truss to be connected together with 10d Common(.148"x3") Nails as follows:
Top chords connected as follows: 2 X 4 - 1 row at 0-9-0 oc.
Bottom chords connected as follows: 2 X 6 - 2 rows at 0-9-0 oc.
Webs connected as follows: 2 X 4 - 1 row at 0-9-0 oc.

December 17, 2001

December 17, 2001

Continued on page 2

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

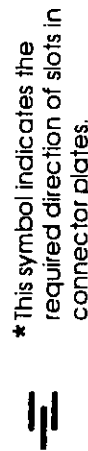
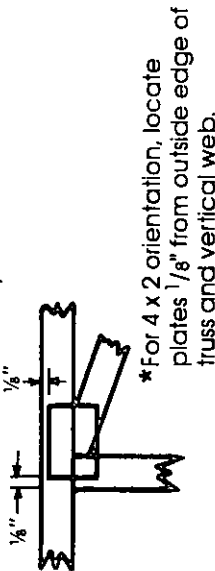
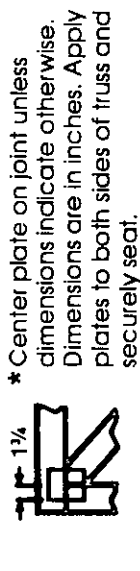
WARNING - verify design parameters and READ NOTES ON THIS AND RELATED TRUSS SPECIFICATIONS.

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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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.

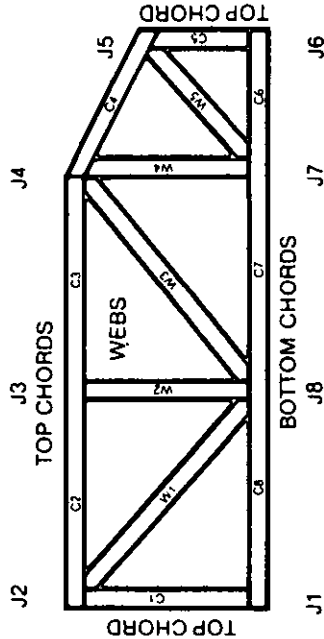


BEARING

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



Numbering System



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WEBS ARE NUMBERED FROM LEFT TO RIGHT.

CONNECTOR PLATE CODE APPROVALS

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TM

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.
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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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798480
08023RV1	T19	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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NOTES

10) Special hanger(s) or connection(s) required to support concentrated load(s) 318.5lb down and 269.2lb up at 0-6-0, 318.5lb down and 269.2lb up at 2-6-0, 318.5lb down and 261.5lb up at 4-6-0, 318.5lb down and 261.5lb up at 6-6-0, 318.5lb down and 261.5lb up at 8-6-0, 318.5lb down and 261.5lb up at 10-6-0, 318.5lb down and 261.5lb up at 12-6-0, 318.5lb down and 261.5lb up at 14-6-0, 318.5lb down and 261.5lb up at 16-6-0, 437.0lb down and 208.0lb up at 18-6-0, 457.3lb down and 153.2lb up at 20-6-0, 430.7lb down and 109.9lb up at 22-6-0, and 323.5lb down and 78.1lb up at 24-6-0, and 285.2lb down and 165.0lb up at 26-6-0 on bottom chord. Design for unspecified connection(s) is delegated to the building designer.

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-6=-80.0, 6-11=-80.0, 19-21=-60.0, 18-21=-20.0, 17-26=-20.0, 26-28=-60.0, 28-30=-20.0, 30-32=-60.0, 10-32=-20.0

Concentrated Loads (lb)

Vert: 15=-318.5 13=-318.5 12=-430.7 20=-318.5 22=-318.5 23=-318.5 24=-318.5 25=-318.5 27=-318.5 28=-318.5 29=-437.0 31=-457.3 33=-323.5 34=-285.2

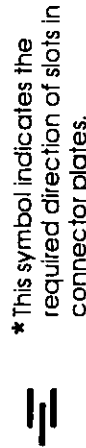
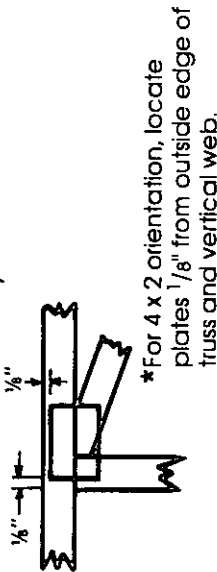
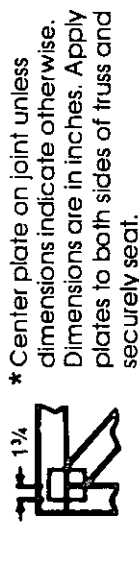
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



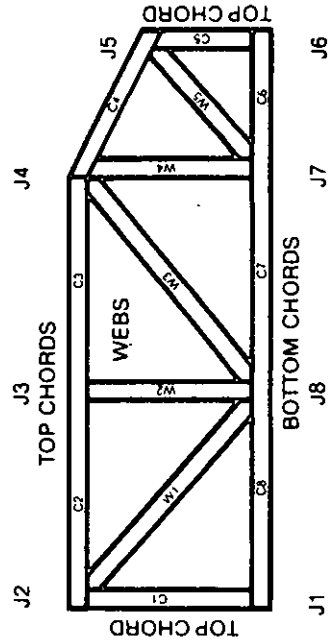
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Numbering System



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Mitek®



GANG-NAIL®



HYDRO-AIR®



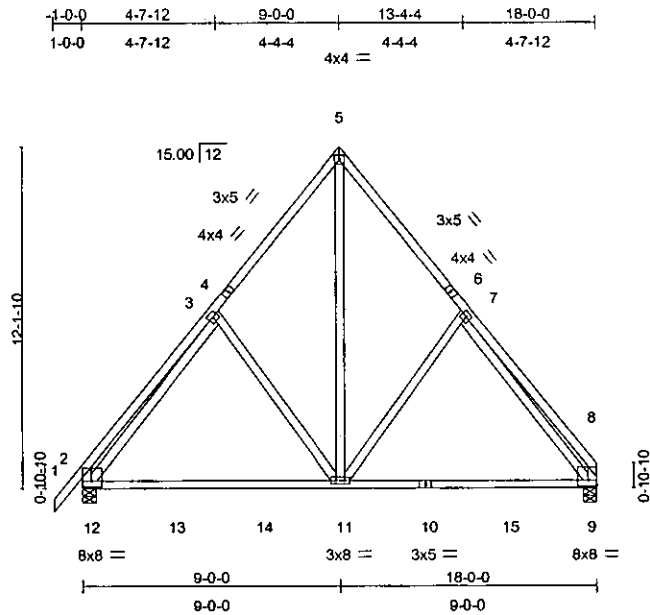
PANEL CLIP™

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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.
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11. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
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Scale = 1:81.0

Plate Offsets (X,Y): [6:0-0-0,0-0-0], [9:Edge,0-2-8], [12:Edge,0-2-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.50	in (loc) l/defl	MII20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.58	Vert(LL) -0.12 11-12 >999		
BCLL 0.0	Lumber Increase 1.15	WB 0.39	Vert(TL) -0.21 11-12 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.02 9 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 103 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2

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

REACTIONS (lb/size) 12=1099/0-5-8, 9=999/0-5-8
 Max Horz 12=281(load case 5)
 Max Uplift 12=-57(load case 7), 9=-50(load case 6)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=72, 2-3=-778, 3-4=-795, 4-5=-658, 5-6=-546, 6-7=-796, 7-8=-839, 2-12=-767, 8-9=-721
 BOT CHORD 12-13=538, 13-14=538, 11-14=538, 10-11=542, 10-15=542, 9-15=542
 WEBS 3-11=-218, 5-11=670, 7-11=-224, 3-12=-234, 7-9=-172

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 57 lb uplift at joint 12 and 50 lb uplift at joint 9.
- 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

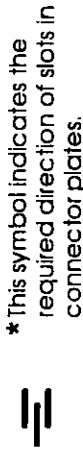
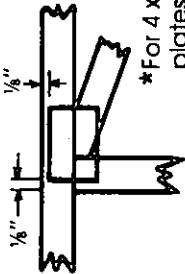
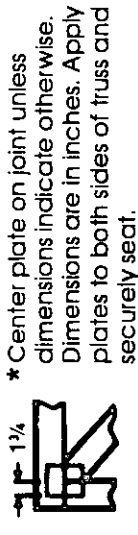
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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular plying 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.

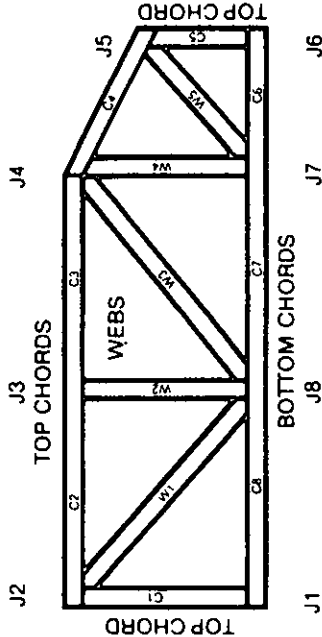
LATERAL BRACING



BEARING



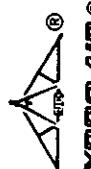
Numbering System



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

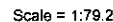


General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

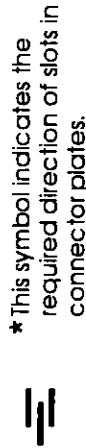
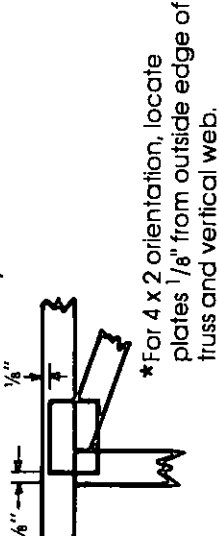
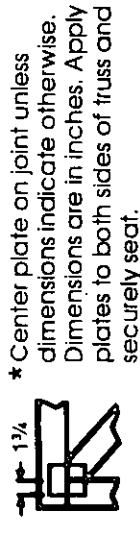
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Symbols

PLATE LOCATION AND ORIENTATION



* For tubular playing 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



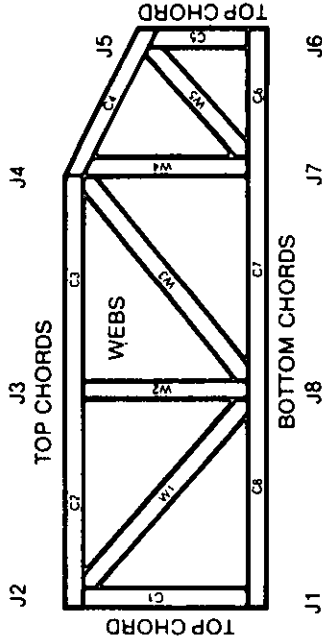
Indicates location of required continuous lateral bracing.

BEARING



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

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.
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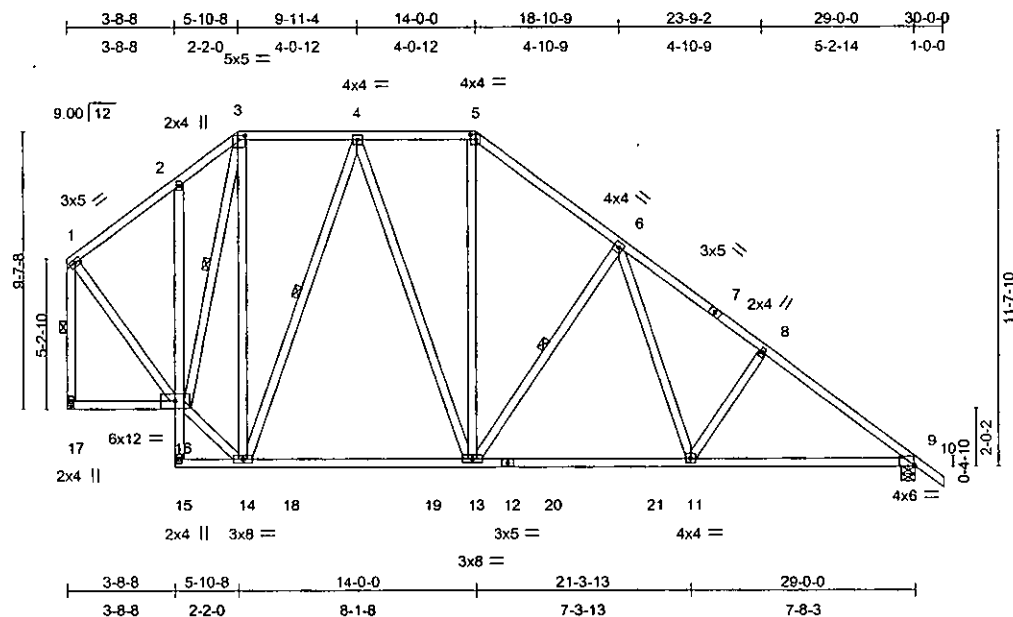


Plate Offsets (X,Y): [3:0-2-12,0-1-12], [5:0-2-4,0-2-0], [9:0-0-3,Edge]

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.58	Vert(LL) -0.18 13-14 >999	MI120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.80	Vert(TL) -0.27 13-14 >999		
BCLL 0.0	Rep Stress Incr YES	WB 0.85	Horz(TL) 0.04 9 n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360		
				Weight: 187 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 *Except*
 14-16 2 X 4 SPF Stud/Std, 8-11 2 X 4 SPF Stud/Std
 1-17 2 X 4 SPF Stud/Std, 1-16 2 X 4 SPF Stud/Std

BRACING
 TOP CHORD Sheathed or 3-5-10 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 WEBS 1 Row at midpt 2-16
 1 Row at midpt 3-16, 4-14, 6-13, 1-17

REACTIONS (lb/size) 17=1608/Mechanical, 9=1686/0-5-8
 Max Horz 17=-339(load case 7)
 Max Uplift 17=-83(load case 6), 9=-121(load case 7)
 Max Grav 17=1608(load case 1), 9=1835(load case 3)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=-946, 2-3=-890, 3-4=-708, 4-5=-1084, 5-6=-1468, 6-7=-1948, 7-8=-2069, 8-9=-2291, 9-10=48,
 1-17=-1558
 BOT CHORD 16-17=22, 15-16=-96, 2-16=-207, 14-15=-14, 14-18=948, 18-19=948, 13-19=948, 12-13=1409,
 12-20=1409, 20-21=1409, 11-21=1409, 9-11=1705
 WEBS 14-16=978, 3-16=-96, 3-14=341, 4-14=-737, 4-13=414, 5-13=439, 6-13=-604, 6-11=492, 8-11=-271,
 1-16=1114

- NOTES**
- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) Provide adequate drainage to prevent water ponding.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
 - 6) Refer to girder(s) for truss to truss connections.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 83 lb uplift at joint 17 and 121 lb uplift at joint 9.
 - 8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

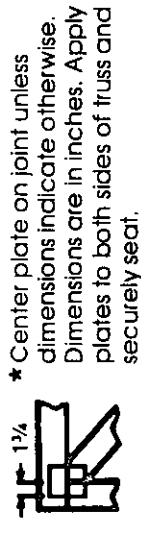
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.

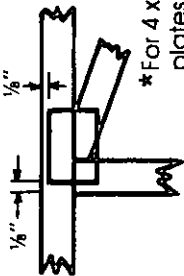


Symbols

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 tubular plating form at 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



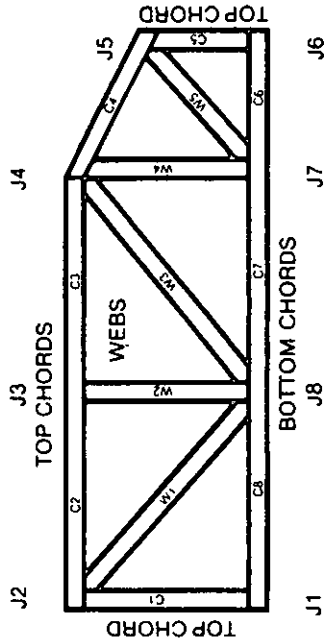
Indicates location of required continuous lateral bracing.

BEARING



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

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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TM

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.

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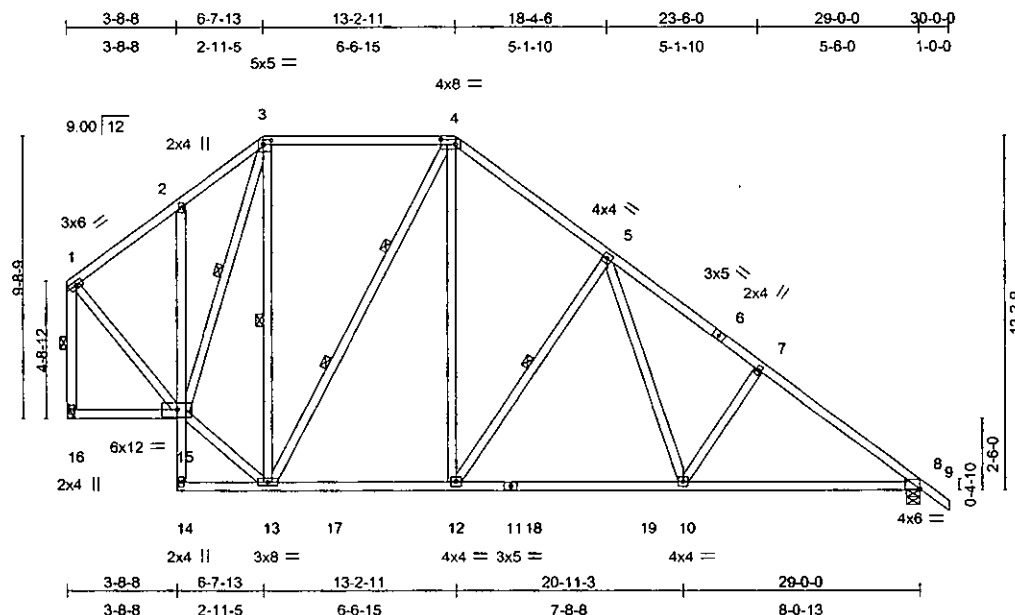


Plate Offsets (X,Y): [3:0-3-4,0-1-12], [4:0-6-0,0-2-0], [8:0-0-3,Edge]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.60	in (loc) l/defl	MII20	197/144
TCOL 10.0	Plates Increase 1.15	BC 0.89	Vert(LL) -0.21 10-12 >999		
BCCL 0.0 *	Lumber Increase 1.15	WB 0.66	Vert(TL) -0.30 10-12 >999		
BCOL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 8 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 178 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 *Except*
 13-15 2 X 4 SPF Stud/Std, 7-10 2 X 4 SPF Stud/Std
 1-16 2 X 4 SPF Stud/Std, 1-15 2 X 4 SPF Stud/Std

BRACING
 TOP CHORD Sheathed or 3-5-5 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. Except:
 6-0-0 oc bracing: 14-15.
 WEBS 1 Row at midpt 2-15
 1 Row at midpt 3-15, 3-13, 5-12, 1-16
 2 Rows at 1/3 pts 4-13

REACTIONS (lb/size) 16=1593/Mechanical, 8=1690/0-5-8
 Max Horz 16=-347(load case 7)
 Max Uplift 16=-73(load case 6), 8=-129(load case 7)
 Max Grav 16=1593(load case 1), 8=1834(load case 3)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=-994, 2-3=-917, 3-4=-728, 4-5=-1404, 5-6=-1931, 6-7=-2062, 7-8=-2295, 8-9=48, 1-16=-1540
 BOT CHORD 15-16=26, 14-15=-3, 2-15=-177, 13-14=11, 13-17=1043, 12-17=1043, 11-12=1378, 11-18=1378,
 18-19=1378, 10-19=1378, 8-10=1707
 WEBS 13-15=939, 3-15=-43, 3-13=134, 4-13=-663, 4-12=867, 5-12=-629, 5-10=549, 7-10=-299,
 1-15=1094

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Refer to girder(s) for truss to truss connections.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 73 lb uplift at joint 16 and 129 lb uplift at joint 8.
- 8) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17,2001

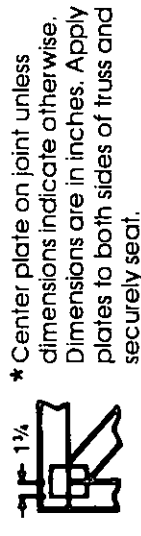
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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Symbols

PLATE LOCATION AND ORIENTATION



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



★ For tabular playing 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.

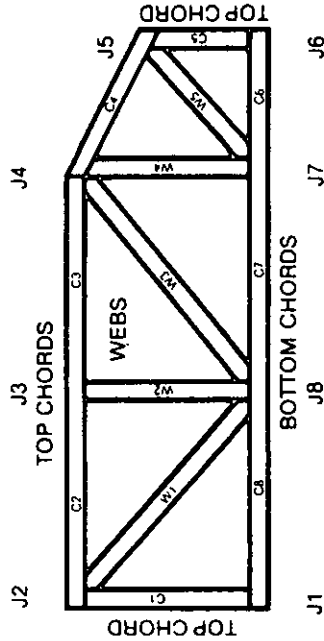


BEARING

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



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®



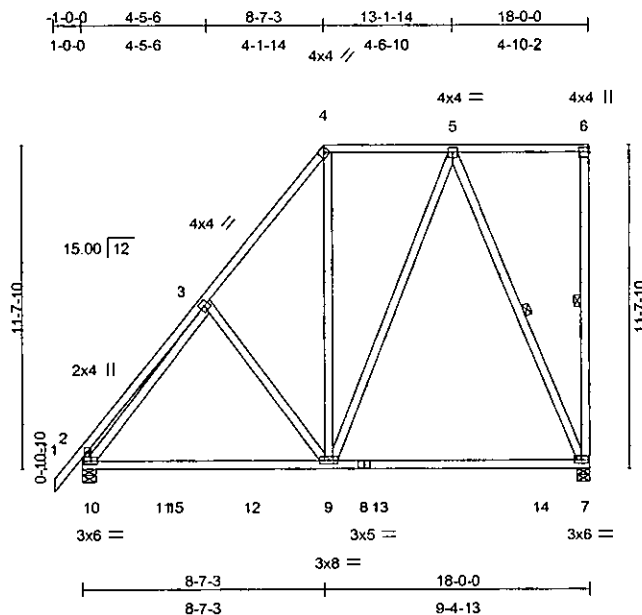
PANEL CLIP™

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.

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Scale = 1:82.0

LOADING (psf) TCCL 30.0 TCDL 10.0 BCCL 0.0 BCDL 10.0	SPACING 2-0-0 Plates Increase 1.15 Lumber Increase 1.15 Rep Stress Incr YES Code BOCA/ANSI95	CSI TC 0.49 BC 0.96 WB 0.85 (Matrix)	DEFL in (loc) l/defl Vert(LL) -0.30 7-9 >699 Vert(TL) -0.46 7-9 >467 Horz(TL) 0.01 7 n/a 1st LC LL Min l/defl = 360	PLATES MII20 Weight: 118 lb	GRIP 197/144
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LUMBER TOP CHORD 2 X 4 SPF 1650F 1.5E *Except* 4-6 2 X 4 SPF No.2 BOT CHORD 2 X 4 SPF No.2 WEBS 2 X 4 SPF No.2 *Except* 3-10 2 X 4 SPF Stud/Std	BRACING TOP CHORD Sheathed or 6-0-0 oc purlins, except end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing. WEBS 1 Row at midpt 6-7, 5-7
REACTIONS (lb/size) 7=1078/0-5-8, 10=1121/0-5-8 Max Horz 10=435(load case 6) Max Uplift 7=-216(load case 6), 10=-12(load case 6) Max Grav 7=1108(load case 2), 10=1236(load case 2)	
FORCES(lb) - First Load Case Only TOP CHORD 1-2=72, 2-3=-664, 3-4=-853, 4-5=-454, 5-6=-27, 6-7=-180, 2-10=-677 BOT CHORD 10-11=564, 11-15=564, 12-15=564, 9-12=564, 8-9=322, 8-13=322, 13-14=322, 7-14=322 WEBS 3-9=-193, 4-9=211, 5-9=358, 5-7=-771, 3-10=-402	

- NOTES**
- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) Provide adequate drainage to prevent water ponding.
 - 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
 - 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 7 and 12 lb uplift at joint 10.
 - 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

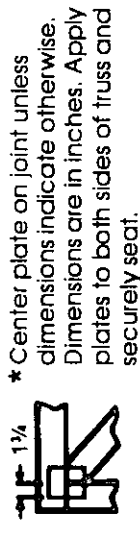
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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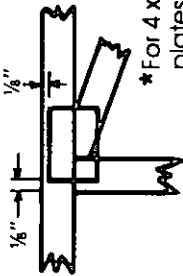


Symbols

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 tubular playing 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.

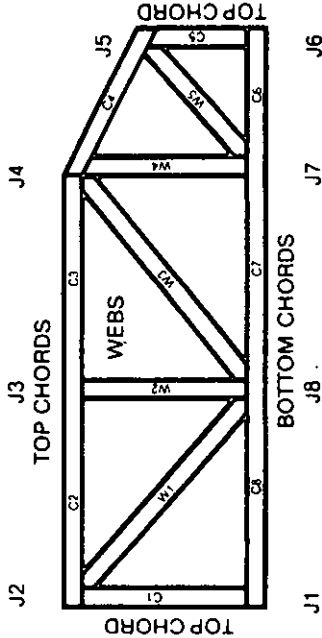


BEARING

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



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®



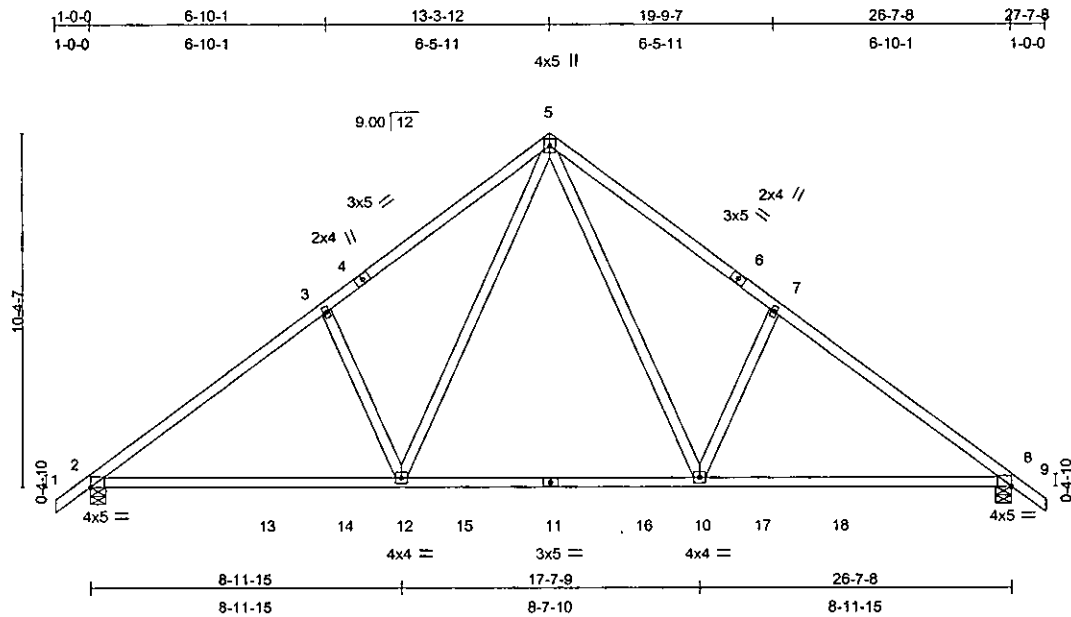
PANEL CLIP™

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.

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Scale = 1/66.8

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

LOADING (psf)	SPACING 2-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.72	Vert(LL) -0.22 10-12 >999	MII20	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.83	Vert(TL) -0.32 8-10 >993		
BCLL 0.0	Rep Stress Incr YES	WB 0.36	Horz(TL) 0.05 8 n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360	Weight: 108 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF 1650F 1.5E
WEBS 2 X 4 SPF Stud/Std *Except*
5-12 2 X 4 SPF No.2, 5-10 2 X 4 SPF No.2

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

REACTIONS (lb/size) 2=1601/0-5-8, 8=1601/0-5-8
Max Horz 2=225(load case 5)
Max Uplift 2=-107(load case 6), 8=-107(load case 7)

FORCES (lb) - First Load Case Only
TOP CHORD 1-2=48, 2-3=-2083, 3-4=-1863, 4-5=-1701, 5-6=-1701, 6-7=-1863, 7-8=-2083, 8-9=48
BOT CHORD 2-13=1528, 13-14=1528, 12-14=1528, 12-15=1031, 11-15=1031, 11-16=1031, 10-16=1031,
10-17=1528, 17-18=1528, 8-18=1528
WEBS 3-12=-422, 5-12=835, 5-10=835, 7-10=-422

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 107 lb uplift at joint 2 and 107 lb uplift at joint 8.
- 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

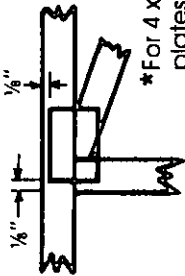
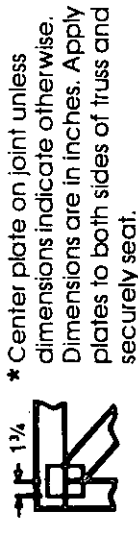
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



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



* For tubular playing 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



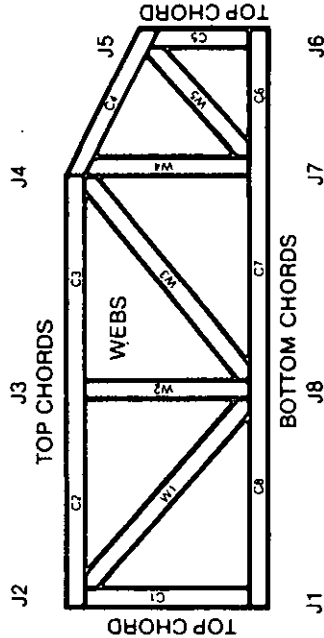
Indicates location of required continuous lateral bracing.

BEARING



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

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



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

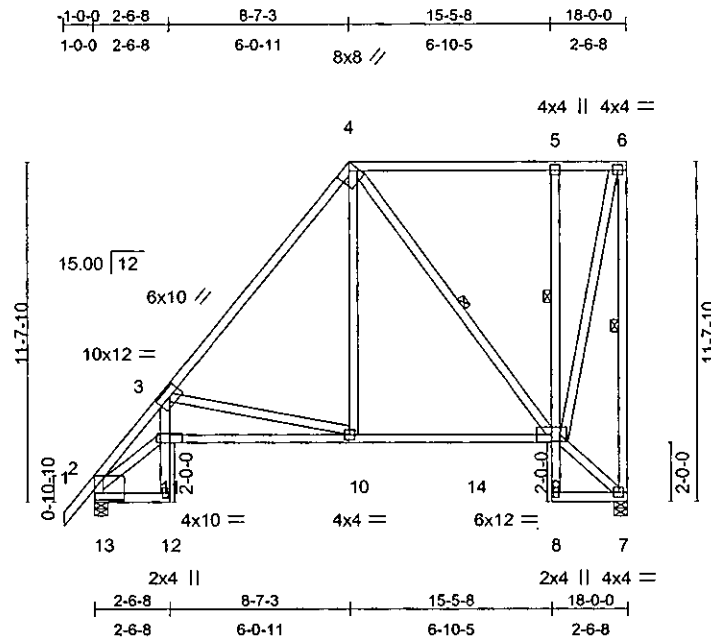
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798487
08023RV1	T3A	ROOF TRUSS	2	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:51:53 2001 Page 1



Scale = 1/8" = 1'-0"

Plate Offsets (X,Y): [2:Edge,0-8-12], [4:0-2-12,Edge], [11:0-5-0,Edge]

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.99	Vert(LL) -0.11	9-10	>999	M1120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.72	Vert(TL) -0.17	9-10	>999		
BCLL 0.0	Rep Stress Incr YES	WB 0.84	Horz(TL) 0.13	7	n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360			Weight: 126 lb	

LUMBER

TOP CHORD 2 X 4 SPF 1650F 1.5E *Except*
 4-6 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 *Except*
 3-10 2 X 4 SPF Stud/Std, 7-9 2 X 4 SPF Stud/Std
 2-13 2 X 4 SPF Stud/Std, 2-11 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-10-2 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 1 Row at midpt 5-9
 WEBS 1 Row at midpt 6-7, 4-9

REACTIONS (lb/size) 7=978/0-5-8, 13=1044/0-5-8

Max Horz 13=435(load case 6)
 Max Uplift 7=-216(load case 6), 13=-12(load case 6)
 Max Grav 7=1008(load case 2), 13=1158(load case 2)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=72, 2-3=-1944, 3-4=-1017, 4-5=-253, 5-6=-234, 6-7=-975, 2-13=-1014
 BOT CHORD 12-13=68, 11-12=15, 3-11=688, 10-11=1333, 10-14=530, 9-14=530, 8-9=10, 5-9=-439, 7-8=-34
 WEBS 3-10=-833, 4-10=468, 4-9=-464, 7-9=48, 6-9=990, 2-11=1266

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 216 lb uplift at joint 7 and 12 lb uplift at joint 13.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

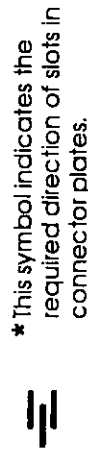
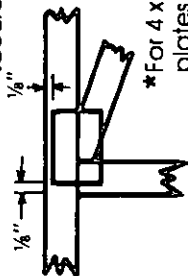
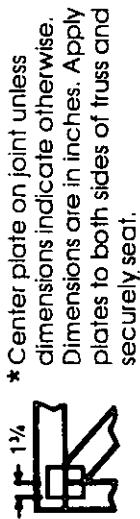
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



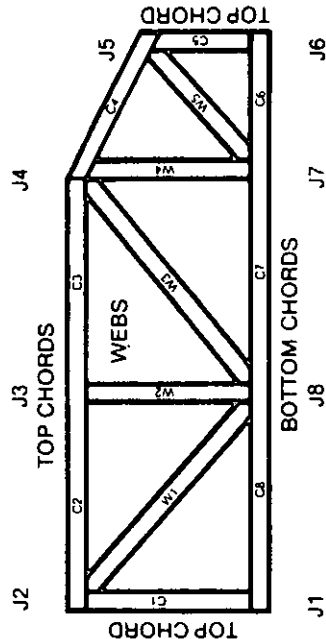
Indicates location of required continuous lateral bracing.

BEARING



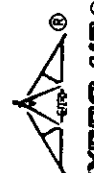
Indicates location of joints at which bearings (supports) occur.

Numbering System



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



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

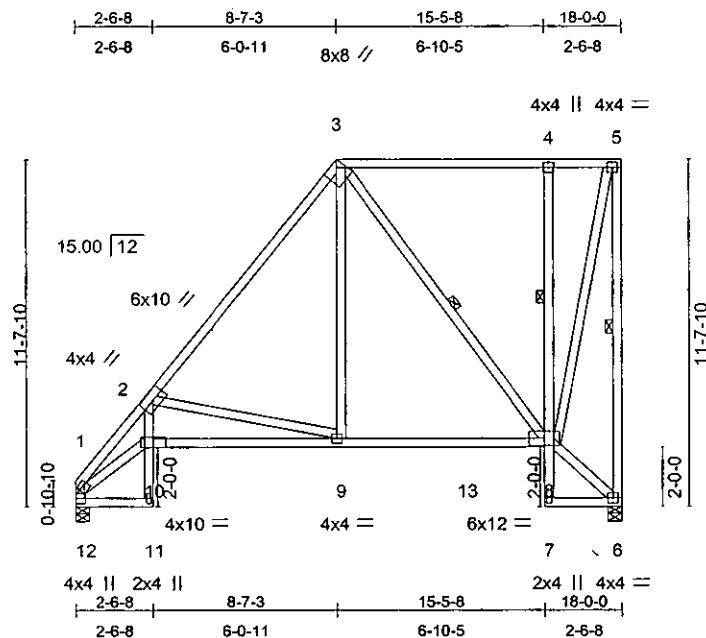
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798488
03023RV1	T3B	ROOF TRUSS	2	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

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Scale = 1:76.3

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

LOADING (psf)	SPACING	CSI	DEFL	in (loc)	l/defl	PLATES	GRIP
TCLL 30.0	2-0-0	TC 1.00	Vert(LL)	-0.11 8-9	>999	M120	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.73	Vert(TL)	-0.17 8-9	>999		
BCLL 0.0	Lumber Increase 1.15	WB 0.87	Horz(TL)	0.14 6	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	1st LC LL Min l/defl = 360			Weight: 124 lb	
	Code BOCA/ANSI95						

LUMBER

TOP CHORD 2 X 4 SPF 1650F 1.5E *Except*
 3-5 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 *Except*
 2-9 2 X 4 SPF Stud/Std, 6-8 2 X 4 SPF Stud/Std, 1-12 2 X 4 SPF Stud/Std
 1-10 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-10-5 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 1 Row at midpt 4-8
 WEBS 1 Row at midpt 5-6, 3-8

REACTIONS (lb/size) 6=981/0-5-8, 12=950/0-5-8

Max Horz 12=367(load case 6)
 Max Uplift6=-218(load case 6)
 Max Grav6=1011(load case 2), 12=1046(load case 2)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-1979, 2-3=-1021, 3-4=-254, 4-5=-235, 5-6=-977, 1-12=-932
 BOT CHORD 11-12=79, 10-11=28, 2-10=712, 9-10=1362, 8-13=533, 7-8=10, 4-8=-439, 6-7=-33
 WEBS 2-9=-859, 3-9=475, 3-8=-468, 6-8=48, 5-8=993, 1-10=1288

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 218 lb uplift at joint 6.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

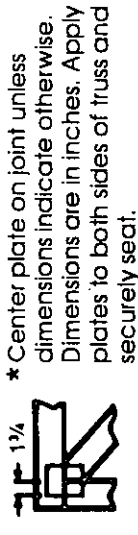
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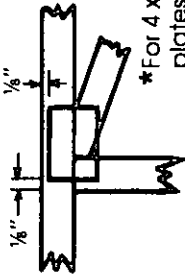


Symbols

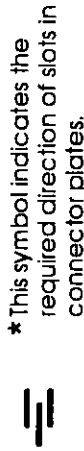
PLATE LOCATION AND ORIENTATION



* 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 tubular playing 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



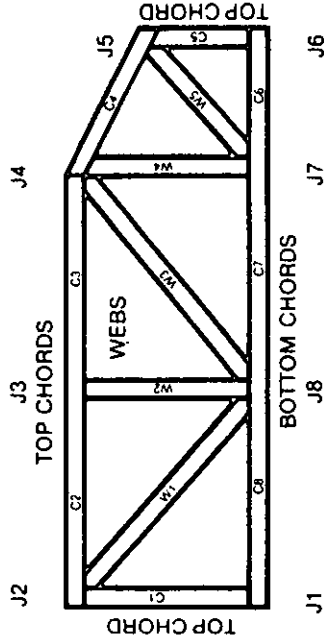
Indicates location of required continuous lateral bracing.

BEARING



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

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

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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.
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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.
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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.

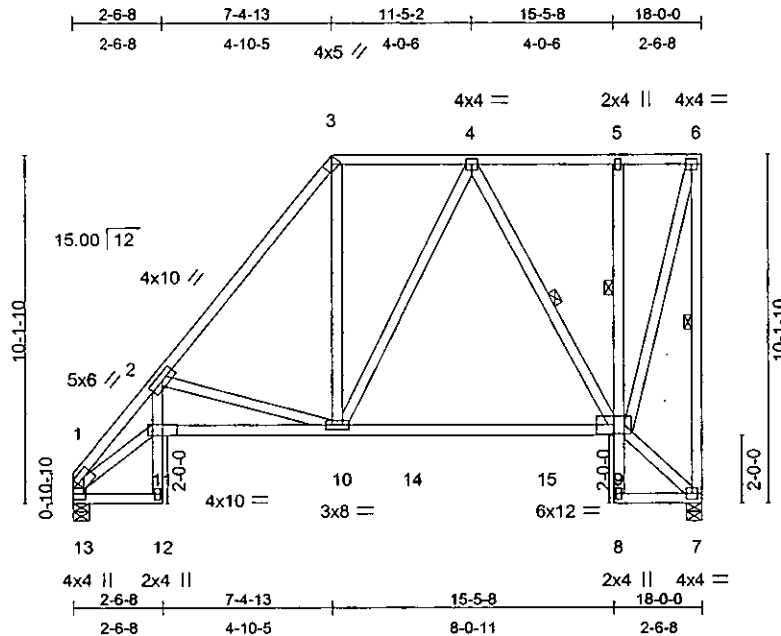
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Job	Truss	Truss Type	Qty	Ply	Hasse Residence
08023RV1	T4	ROOF TRUSS	1	1	(optional)

I1798489

Woodhaven Lumber Inc., Lakewood, NJ 08701

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Scale = 1:66.2

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

LOADING (psf)		SPACING 2-0-0		CSI		DEFL in (loc) l/defl			PLATES	GRIP	
TCLL	30.0	Plates Increase	1.15	TC	0.64	Vert(LL)	-0.17	9-10	>999	MII20	197/144
TCDL	10.0	Lumber Increase	1.15	BC	0.79	Vert(TL)	-0.26	9-10	>807		
BCLL	0.0	Rep Stress Incr	YES	WB	0.81	Horz(TL)	0.13	7	n/a		
BCDL	10.0	Code	BOCA/ANSI95	(Matrix)		1st LC LL Min l/defl = 360			Weight: 122 lb		

LUMBER

TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF No.2 "Except"
 2-10 2 X 4 SPF Stud/Std, 7-9 2 X 4 SPF Stud/Std
 1-13 2 X 4 SPF Stud/Std, 1-11 2 X 4 SPF Stud/Std

BRACING

TOP CHORD Sheathed or 4-0-4 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. Except:
 1 Row at midpt 5-9
 WEBS 1 Row at midpt 6-7, 4-9

REACTIONS (lb/size) 7=984/0-5-8, 13=940/0-5-8
 Max Horz 13=316(load case 6)
 Max Uplift 7=-187(load case 6)
 Max Grav 7=1006(load case 2), 13=1027(load case 2)

FORCES (lb) - First Load Case Only

TOP CHORD 1-2=-1936, 2-3=-1080, 3-4=-586, 4-5=-291, 5-6=-274, 6-7=-1017, 1-13=-924
 BOT CHORD 12-13=87, 11-12=29, 2-11=655, 10-11=1283, 10-14=521, 14-15=521, 9-15=521, 8-9=-2, 5-9=-268, 7-8=-86
 WEBS 2-10=-735, 3-10=338, 4-10=141, 4-9=-489, 7-9=121, 6-9=976, 1-11=1244

NOTES

- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
- 3) Unbalanced snow loads have been considered for this design.
- 4) Provide adequate drainage to prevent water ponding.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 187 lb uplift at joint 7.
- 7) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

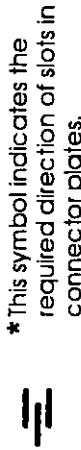
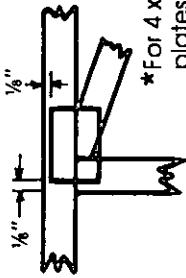
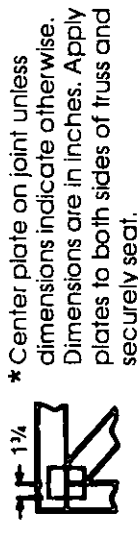
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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'Oroville Drive, Madison, WI 53719.



Symbols

PLATE LOCATION AND ORIENTATION



* For tubular 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



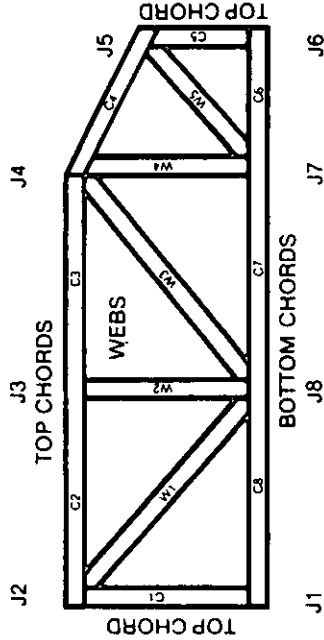
Indicates location of required continuous lateral bracing.

BEARING



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

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®



HYDRID-AIR®



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

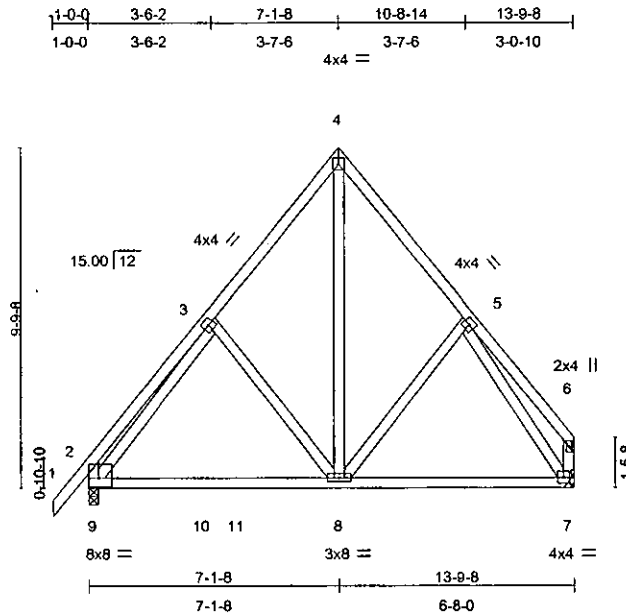
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798490
08023RV1	T47	QUEENPOST	7	1	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1's Oct 29 2001 MiTek Industries, Inc. Thu Dec 13 10:58:37 2001 Page 1



Scale = 1:65.7

Plate Offsets (X,Y): [9:Edge,0-3-4]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.63	in (loc) l/defl	Mil20	197/144
TCDL 10.0	Plates Increase 1.15	BC 0.27	Vert(LL) -0.03 8-9 >999		
BCCL 0.0 *	Lumber Increase 1.15	WB 0.29	Vert(TL) -0.07 8-9 >999		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 7 n/a		
	Code BOCA/ANSI95		1st LC LL Min l/defl = 360	Weight: 81 lb	

LUMBER
 TOP CHORD 2 X 4 SPF No.2
 BOT CHORD 2 X 4 SPF No.2
 WEBS 2 X 4 SPF Stud/Std *Except*
 4-8 2 X 4 SPF No.2

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

REACTIONS (lb/size) 9=800/0-3-8, 7=681/Mechanical
 Max Horz 9=223(load case 5)
 Max Uplift 9=-46(load case 7), 7=-45(load case 6)
 Max Grav 9=801(load case 2), 7=681(load case 1)

FORCES(lb) - First Load Case Only
 TOP CHORD 1-2=72, 2-3=-422, 3-4=-536, 4-5=-535, 5-6=-231, 6-7=-223, 2-9=-473
 BOT CHORD 9-10=360, 10-11=360, 8-11=360, 7-8=326
 WEBS 3-8=-151, 4-8=352, 5-8=-95, 5-7=-462, 3-9=-284

NOTES

- This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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.
- Design load is based on 30.0 psf specified roof snow load.
- Unbalanced snow loads have been considered for this design.
- * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3-6-0 between the bottom chord and any other members.
- Refer to girder(s) for truss to truss connections.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 46 lb uplift at joint 9 and 45 lb uplift at joint 7.
- This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

[Signature]

December 17,2001

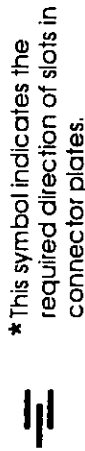
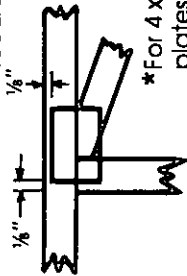
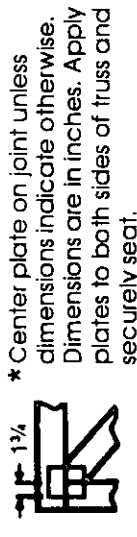
WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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 H18-91 Handling Installing and Bracing Recommendation available from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.



Symbols

PLATE LOCATION AND ORIENTATION



* 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.

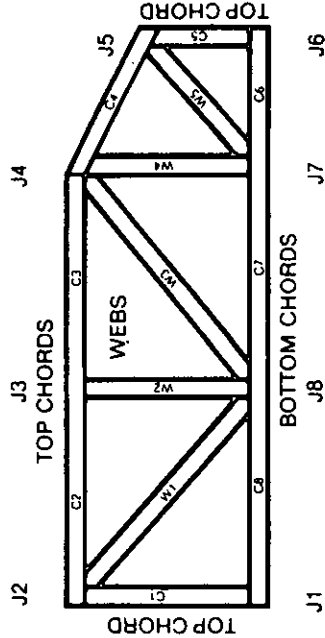
LATERAL BRACING



BEARING



Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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

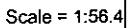


General Safety Notes

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.

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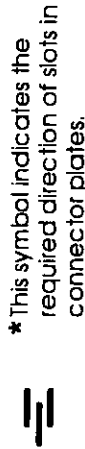
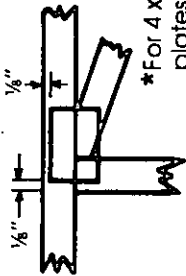
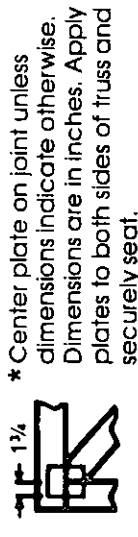
PLATES	GRIP
MII20	197/144
Weight: 110 lb	

December 17, 2001



Symbols

PLATE LOCATION AND ORIENTATION



* 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



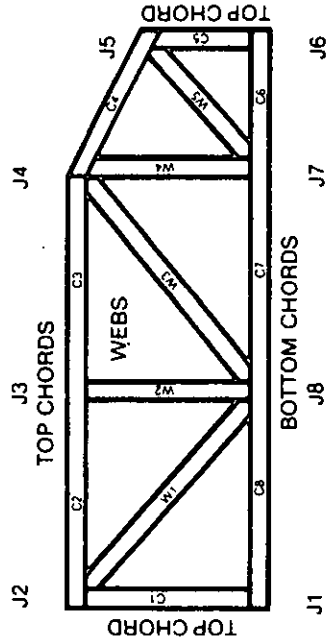
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



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.

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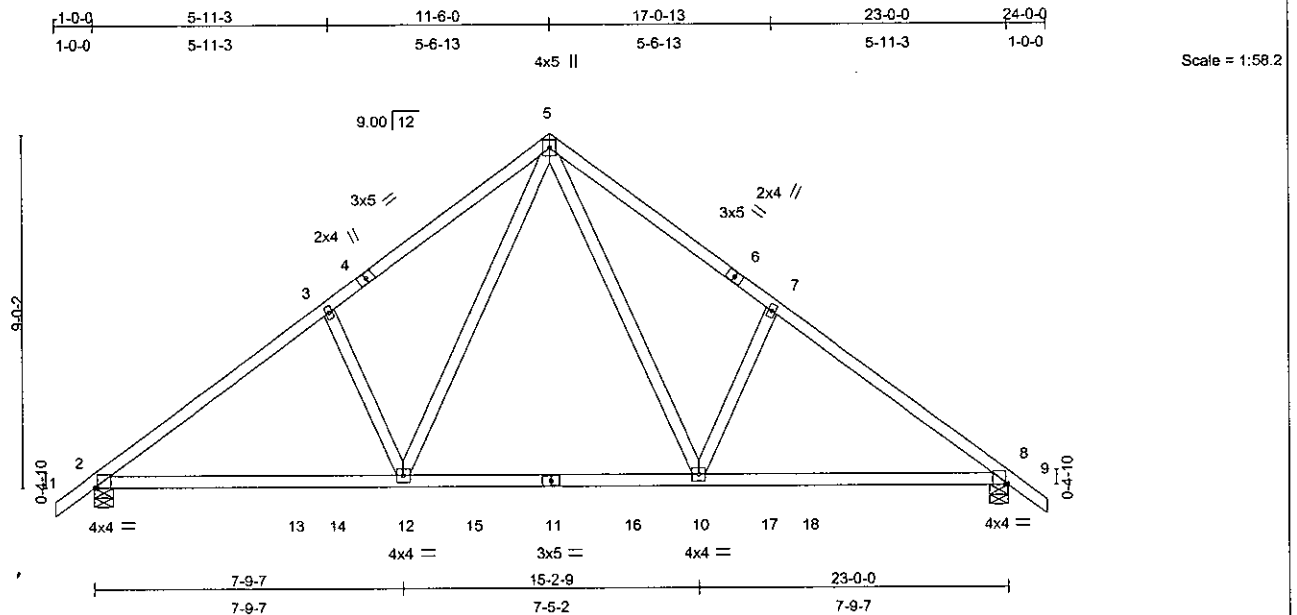


Plate Offsets (X,Y): [2'-0-0-11,0-0-2], [8'-0-0-11,0-0-2]

LOADING (psf)	SPACING 2'-0-0	CSI	DEFL in (loc) l/defl	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.52	Vert(LL) -0.16 10-12 >999	M1120	197/144
TCDL 10.0	Lumber Increase 1.15	BC 0.79	Vert(TL) -0.21 10-12 >999		
BCLL 0.0	Rep Stress Incr YES	WB 0.24	Horz(TL) 0.04 8 n/a		
BCDL 10.0	Code BOCA/ANSI95	(Matrix)	1st LC LL Min l/defl = 360		
				Weight: 94 lb	

LUMBER
TOP CHORD 2 X 4 SPF No.2
BOT CHORD 2 X 4 SPF No.2
WEBS 2 X 4 SPF Stud/Std *Except*
 5-12 2 X 4 SPF No.2, 5-10 2 X 4 SPF No.2

BRACING
TOP CHORD Sheathed or 4-0-15 oc purlins.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 2=1347/0-5-8, 8=1347/0-5-8
Max Horz 2=-195(load case 4)
Max Uplift 2=-98(load case 6), 8=-98(load case 7)

FORCES(lb) - First Load Case Only
TOP CHORD 1-2=48, 2-3=-1724, 3-4=-1532, 4-5=-1394, 5-6=-1394, 6-7=-1532, 7-8=-1724, 8-9=48
BOT CHORD 2-13=1255, 13-14=1255, 12-14=1255, 12-15=852, 11-15=852, 11-16=852, 10-16=852, 10-17=1255,
 17-18=1255, 8-18=1255
WEBS 3-12=-353, 5-12=670, 5-10=670, 7-10=-353

- NOTES**
- 1) This truss has been designed for the wind loads generated by 90 mph winds at 25 ft above ground level, using 5.0 psf top chord dead load and 7.0 psf bottom chord dead load, in the gable end roof zone on an occupancy category II, condition I enclosed building, with exposure B ASCE 7-95 per BOCA/ANSI95. If end verticals exist, they are not exposed to wind. If cantilevers exist, they are 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) Design load is based on 30.0 psf specified roof snow load.
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas with a clearance greater than 3'-6-0" between the bottom chord and any other members.
 - 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 98 lb uplift at joint 2 and 98 lb uplift at joint 8.
 - 6) This truss has been designed with ANSI/TPI 1-1995 criteria.

LOAD CASE(S) Standard

December 17, 2001

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

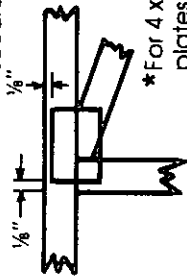
Design valid for use only with MiTek connectors. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer - not truss 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.



Symbols

PLATE LOCATION AND ORIENTATION

 1 1/4"
 * 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 playing 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



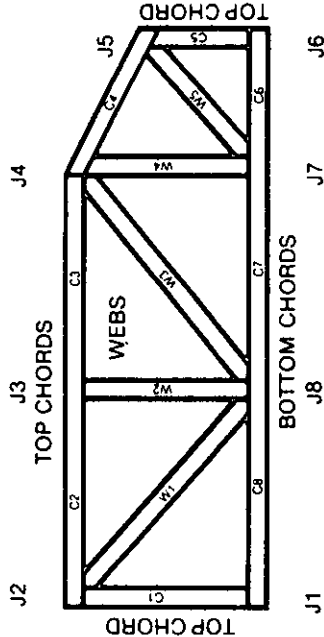
Indicates location of required continuous lateral bracing.

BEARING



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

Numbering System



JOINTS AND CHORDS ARE NUMBERED CLOCKWISE AROUND THE TRUSS STARTING AT THE LOWEST JOINT FARTEST 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



General Safety Notes

Failure to Follow Could Cause Property Damage or Personal Injury

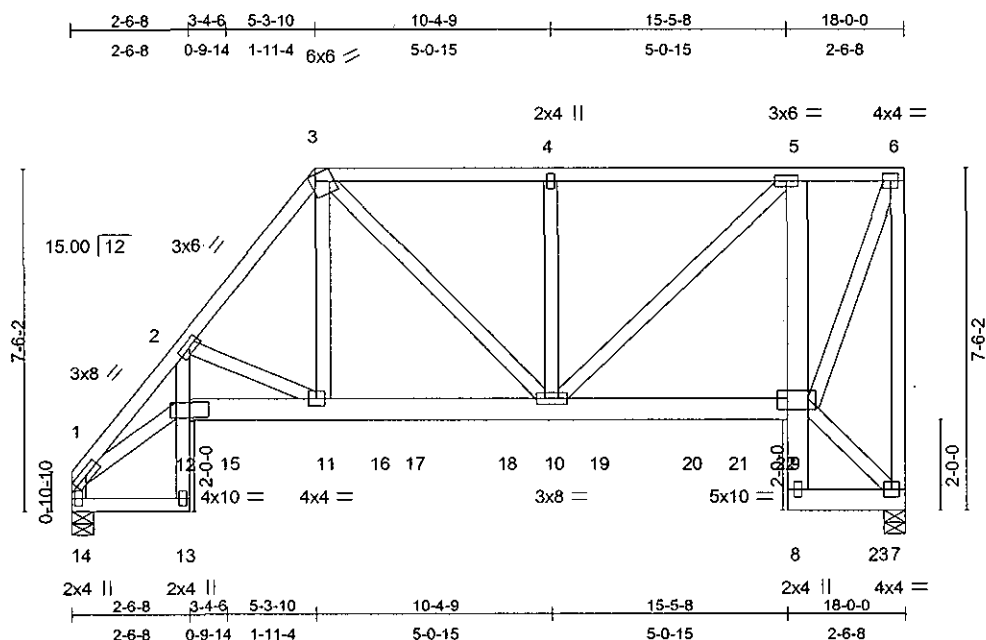
1. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties..
2. Cut members to bear tightly against each other.
3. Place plates on each face of truss at each joint and embed fully. Avoid knots and wane at joint locations.
4. Unless 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.

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Job	Truss	Truss Type	Qty	Ply	Hasse Residence	I1798493
08023RV1	T6	ROOF TRUSS	1	2	(optional)	

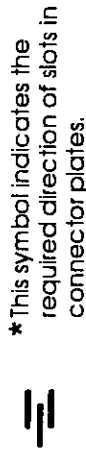
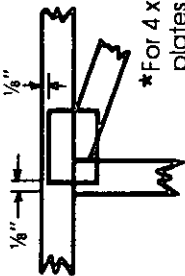
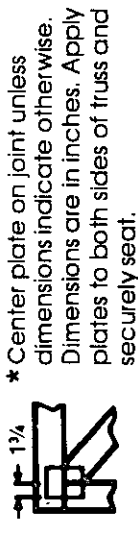
Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:54:39 2001 Page 1



Symbols

PLATE LOCATION AND ORIENTATION



* 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.

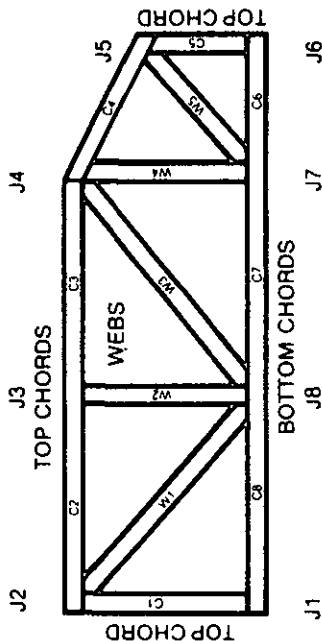
LATERAL BRACING



BEARING



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	87004D-N, 930013-N, 910080-N



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.

© 1993 Mitek Holdings, Inc.

Job	Truss	Truss Type	Qty	Ply	Hasse Residence	11798493
08023RV1	T6	ROOF TRUSS	1	2	(optional)	

Woodhaven Lumber Inc., Lakewood, NJ 08701

4.201 SR1 s Aug 20 2001 MiTek Industries, Inc. Mon Dec 17 07:54:40 2001 Page 2

LOAD CASE(S) Standard

1) Snow: Lumber Increase=1.15, Plate Increase=1.15

Uniform Loads (plf)

Vert: 1-3=-80.0, 3-6=-80.0, 13-14=-20.0, 11-12=-20.0, 11-16=-60.0, 16-21=-20.0, 9-21=-60.0, 7-8=-20.0

Concentrated Loads (lb)

Vert: 11=-212.8 15=-264.9 17=-212.8 18=-212.8 19=-212.8 20=-430.0 22=-427.9 23=-427.9

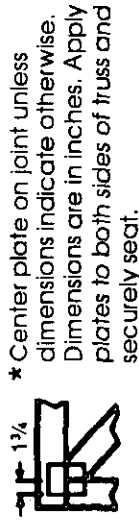
⚠ WARNING - Verify design parameters and READ NOTES ON THIS AND REVERSE SIDE BEFORE USE.

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.



Symbols

PLATE LOCATION AND ORIENTATION



* 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 tubular 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



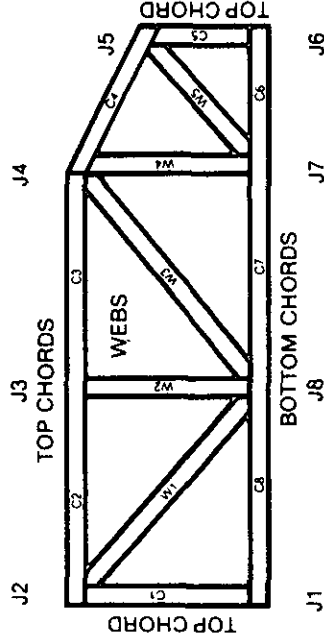
Indicates location of required continuous lateral bracing.

BEARING



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

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



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.
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R.C. BURDICK, P.E., P.C.

1023 OCEAN RD., PT. PLEASANT, N.J. 08742 TEL. (732) 892-5050 FAX (732) 892-5888

Brick Township Construction Code Official
Municipal Building
401 Chambersbridge Rd.
Brick, N.J. 08723

December 13, 2001

Re: 618 Turdey Point Rd.
Brick, N.J.
Project No. 01-1680

Dear Construction Code Official,

Please be advised that our office has received a copy of a soil boring performed at the above referenced lot to determine the adequacy of the site for the construction of a basement for the proposed single family residence at the site. The soil boring was performed by Jonas Endreson on 9/5/01. The soil around the basement and footings consists primarily of silt sand mixtures with good permeability characteristics to a depth of 19'. No groundwater was encountered at the site, and the seasonal high water table was encountered at 18' below the surface.

We note that a 2" layer of sand or iron stone was encountered at a depth of 5' 6". While we do not believe that this will cause a problem, we recommend that this layer be loosened to a minimum distance of 3' from the foundation to be sure that there is no potential for perched water to enter into the foundation.

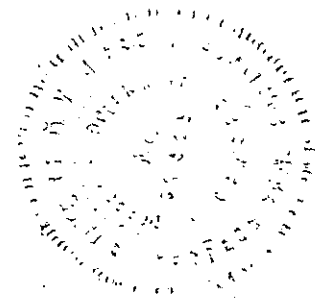
Based on the above, we believe that the home is exempt from foundation drainage system requirements specified in the BOCA Code under Sections 1813.2, 1813.3 and 1813.5.

Should you require additional information or have any questions, please call.

Sincerely yours,



Robert C. Burdick, P.E.
No. 30929



Cc: Steve Hasse

1385.08
5 R.C. BURDICK, P.E., P.C.

01-4166

1023 OCEAN RD., PT. PLEASANT, N.J. 08742 TEL. (732) 892-5050 FAX (732) 892-5888

Brick Township Construction Code Official
Municipal Building
401 Chambersbridge Rd.
Brick, N.J. 08723

December 13, 2001

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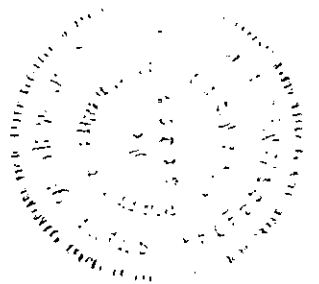
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Should you require additional information or have any questions, please call.

Sincerely yours,



Robert C. Burdick, P.E.
No. 30929



Cc: Steve Hasse

JONAS ENDRESON

Drilling Contractor

N.J.I.C. #1138

40 - 3rd Bayway

Toms River, NJ 08753

(732) 270-2060

SOIL BORING DESCRIPTION

FIRM

CLIENT

LOT

BLOCK

TWP./BORO

MISC. INFO

WATER LEVEL

LOG BY

DATE

DEPTH FT

THICKNESS

DESCRIPTION

DEPTH FT

THICKNESS

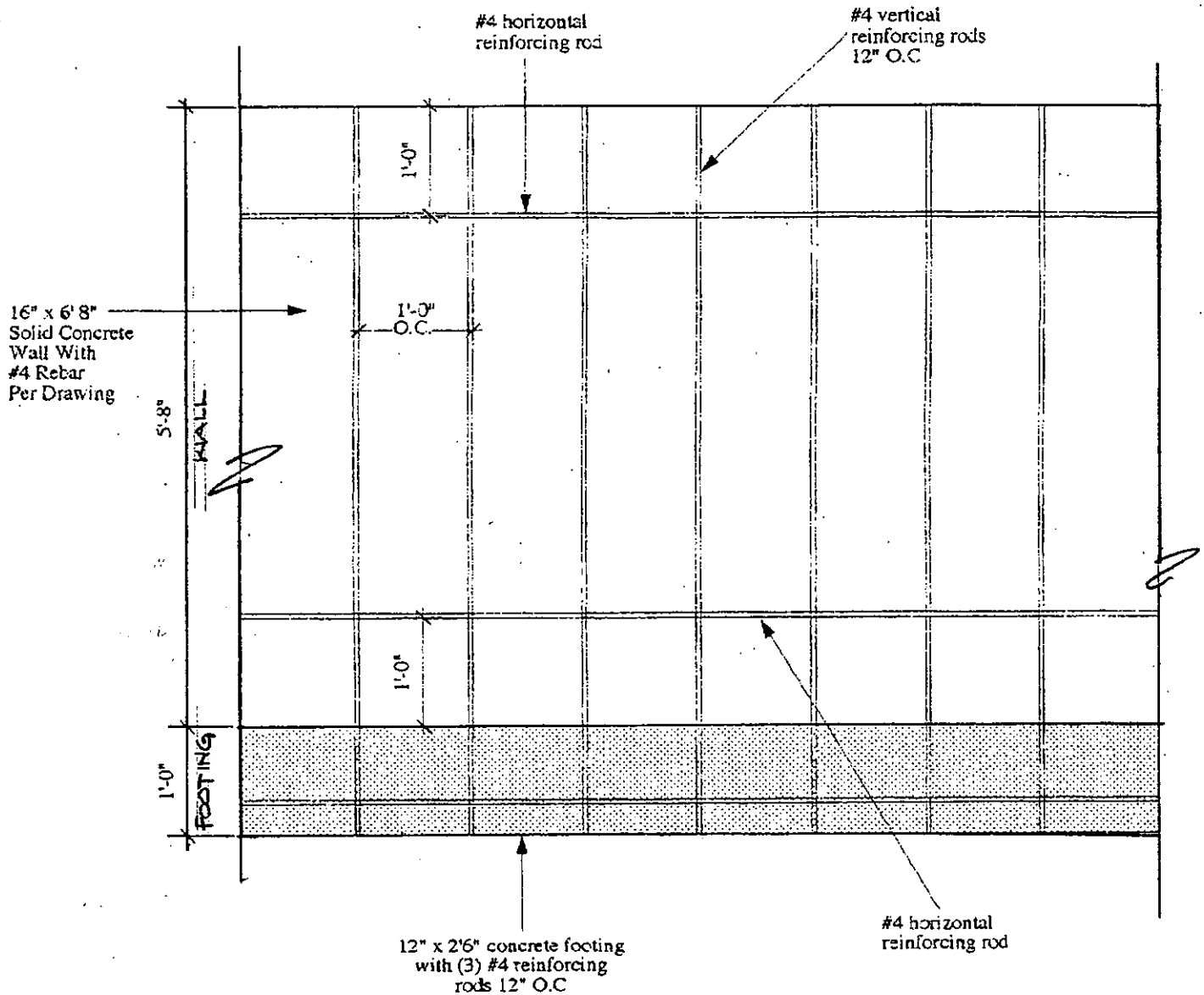
DESCRIPTION

1	1'	11	1'	
2		12	1'	SC
3	2'	13		
4	1'	14		
5	1'	15		
6	1'	16		
7		17		
8	1'	18		
9		19		
10		20		SW

SOIL CLASSIFICATIONS

GW	Well-graded gravels, gravel-sand mixtures, little or no fines.
GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.
GM	Silty gravels, gravel-sand mixtures.
GC	Clayey gravels, gravel-sand mixtures.
SW	Well-graded sands, gravelly sands, little or no fines.
SP	Poorly graded sands or gravelly sands, little or no fines.
SM	Silty sands, sand-silt mixtures.
SC	Clayey sands, sand-clay mixtures.
ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity.
CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays.
OL	Organic silts and organic silty clays of low plasticity.
MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.
CH	Inorganic clays of high plasticity, fat clays
OH	Organic clays of medium to high plasticity, organic silts.
PT	Peat and other highly organic soils.

618 Turkey Point Rd. - Hasse Residence
Dropped Footing and Solid Wall Details
Side View



New Residence for
Steven and Rebecca Hasse

Lot 5, Block 1385.08
 Brick Township, Ocean County, NJ

MICHAEL MELILLO, AIA
ARCHITECT

1903 Barbee Lane Wall Twp., NJ 07719
 7 3 2 9 7 4 8 5 9 3

Michael Melillo

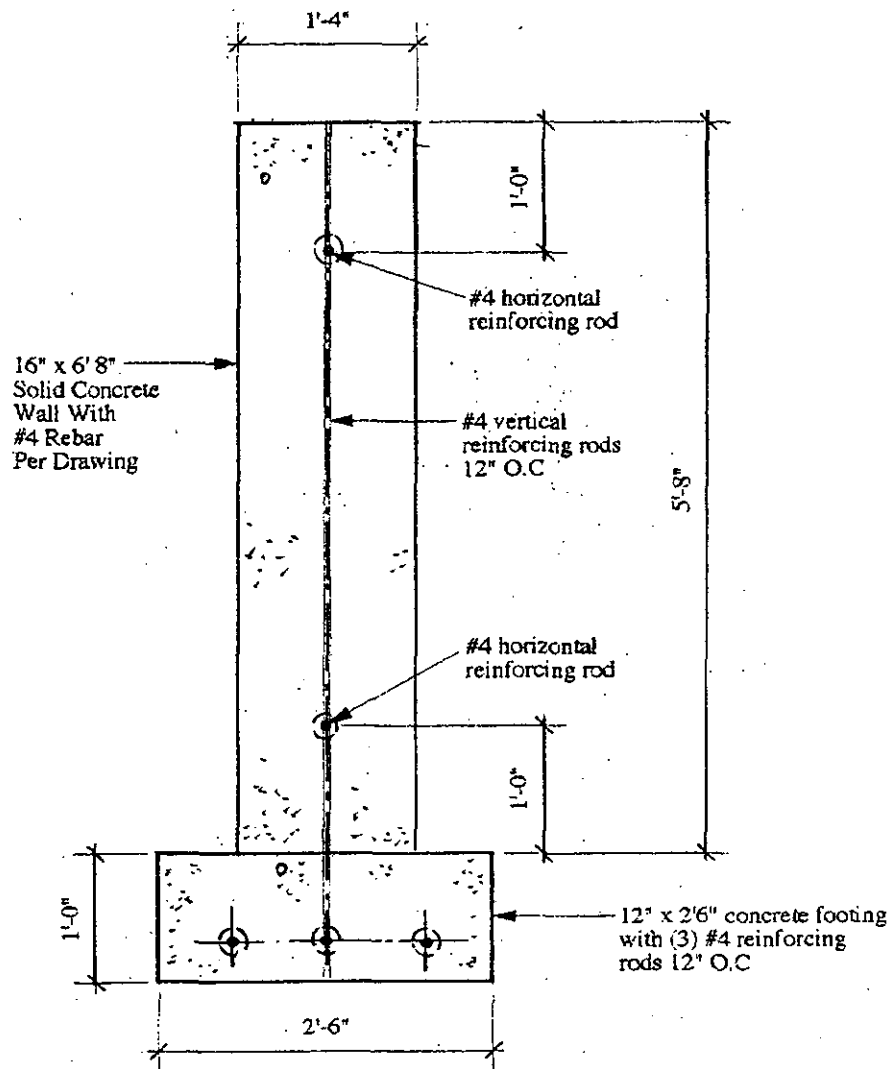
S-1

Nov. 28, 2001

NJ License No. AI 10928

Sheet 1 of 2

618 Turkey Point Rd. - Hasse Residence
Dropped Footing and Solid Wall Details
Cross Section



New Residence for
Steven and Rebecca Hasse
 Lot 5, Block 1385.08
 Brick Township, Ocean County, NJ

MICHAEL MELILLO, AIA
ARCHITECT
 1903 Barbee Lane Wall Twp., NJ 07719
 7 3 2 9 7 4 8 5 9 3

Michael Melillo
S-2

NJ License No. AI 10928

Sheet 1 of 2

Nov. 28, 2001

heatilator
The first name in fireplaces

A SERIES INSTALLATION INSTRUCTIONS

17. Hearth Extension

A hearth extension must be installed with all fireplaces to protect the combustible floor in front of the fireplace from both radiant heat and sparks.

The construction of, and materials used for a hearth extension are shown in Figures 17 and 18. A hearth extension of this construction may be covered with any noncombustible decorative material and may have a maximum thickness as per the illustration. Seal gaps between the hearth extension and the front of the fireplace with a bead of noncombustible sealant.

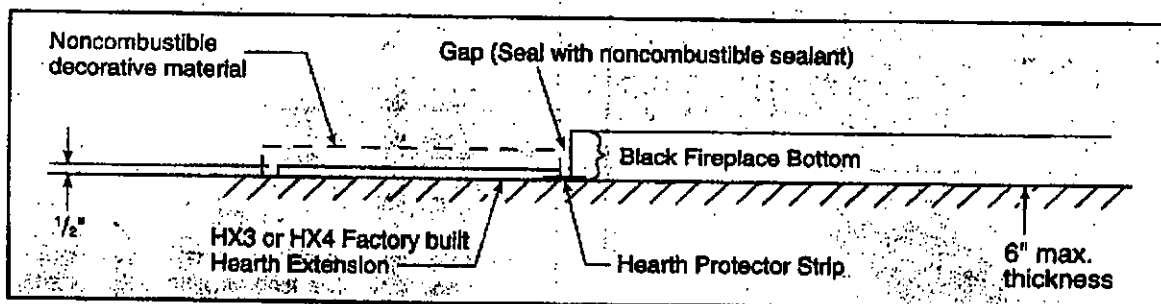


Figure 17 - Factory Hearth Extension

Field constructed hearth extensions should be constructed in accordance with the instructions in Figure 18. The field constructed hearth extension must be constructed from 1/2" MICORE CV230, or a material with an equivalent insulation value.

EXAMPLES OF INSULATION

	MINIMUM REQUIRED THICKNESS	K VALUE
USG MICORE CV230	1/2"	0.43

(THERMAL CONDUCTIVITY) "K" = BTU in./hr. ft.² °F

TO SUBSTITUTE ALTERNATE INSULATION MATERIAL YOU NEED TO KNOW THE "K" FACTOR FOR THAT MATERIAL TO CALCULATE THE REQUIRED THICKNESS FOR THE ALTERNATE MATERIAL USE THE FOLLOWING FORMULA:

$$\frac{K_{ALT}}{.43} \times .5 = \text{THICKNESS OF ALTERNATE MAT. (INCHES)}$$

EXAMPLE: IF K OF BRICK = .5

$$\frac{.5}{.43} \times .5 = .58 \text{ IN. OF BRICK}$$

CAT. #	A	B
A36R	52"	16"
A42R	66"	20"

Figure 18 - Field Constructed Hearth Extension

WARNING!

Hearth extensions are to be installed only as illustrated to prevent high temperatures from occurring on concealed combustible materials. Hearth sealing strips prevent burning or hot particles from inadvertently falling directly on combustible surfaces in the event the building should settle and disturb the original construction.

The first name in fireplaces

heatilator
The first name in fireplaces

A SERIES INSTALLATION INSTRUCTIONS

18. Position the Hearth Extension

Position and secure the hearth extension over the protective metal strips that have been placed partially under the fireplace front. These strips should be protruding approximately 2" from under the fireplace front and 2" on both sides of the fireplace opening. Seal the crack between the hearth extension and fireplace with a bead of noncombustible sealant. See Figure 19. Apply a noncombustible finishing material of your choice to the hearth extension.

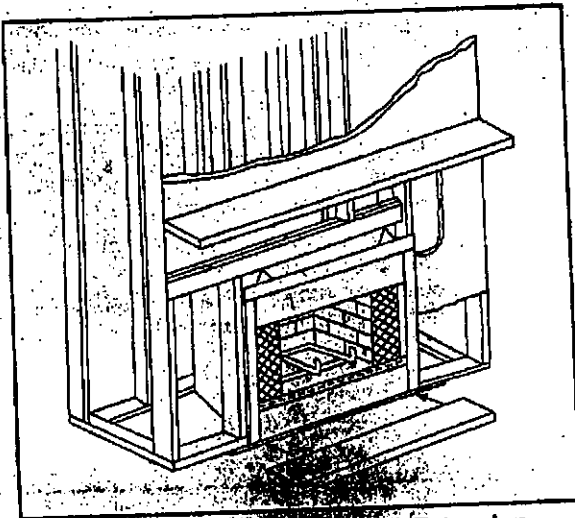


Figure 19 - Position the Hearth Extension

19. Finishing Material

Do not install combustible materials over the black face of the fireplace. This poses a safety hazard and may start a fire. You may only use noncombustible material over the black face of the fireplace.

a. Combustible Material

Material which is made of or surfaced with wood, compressed paper, plant fibers, plastics, or any material capable of igniting and burning, whether flame proofed or not, plastered or unplastered.

b. Noncombustible Material

Material which will not ignite and burn. Such materials are those consisting entirely of steel, iron, brick, tile, concrete, slate, glass or plasters, or any combination thereof.

c. Noncombustible Sealant Material

Sealants which will not ignite and burn; General Electric RTV103 Black (or equivalent), Rutland, Inc. Fireplace Mortar #63 (or equivalent).

After completing the framing and applying the facing material (dry wall) over the framing, a 1/2" wide (maximum) bead of noncombustible sealant must be used to close off any gaps at the top and sides between the fireplace and facing to prevent cold air leaks.

Only noncombustible materials may be used to cover the black metal fireplace front.

20. Mantel

A combustible mantel may be positioned no lower than 12" above the top of the fireplace opening. The combustible mantel may have a maximum depth of 12". Combustible trim pieces that project no more than 1/4" from the face of the fireplace can be placed no closer than 8" from the top and side of the fireplace opening. Combustible trim must not cover the black metal surfaces of the fireplace. This mantel clearance is in accordance with Section 7-3.3.3 of ANSI/NFPA211.

21. Glass Doors

This fireplace has been tested and listed for use with doors as specified in Section C, "Fireplace System Components". Please refer to the manual packed with each set of doors for installation instructions.

The first name in fireplaces

**THE BRICK TOWNSHIP
MUNICIPAL UTILITIES AUTHORITY**

1551 HIGHWAY 88 WEST
BRICK, NEW JERSEY 08724
458-7000

CERTIFICATE OF COMPLIANCE

Date..... 8/19/02

NAME..... Stephen Hasse

ADDRESS..... 1095 Towbin Ave. Lakewood, NJ 08701-5962

PROPERTY LOCATION..... 618 Turkey Point Rd.

Account No..... T167595 Block..... 1385.08 Lot..... 5
T180023 spklr.

I hereby certify that the above applicant has complied with all Rules
and Regulations of this Authority and has paid all required fees and charges.

For the Authority.....

Carol Gursel

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

401 CHAMBERS BRIDGE ROAD • BRICK, NJ 08723



Joseph C. Scarpelli, Mayor

Township Council:

Steven N. Cucci — President
Stephen C. Acropolis
Kimberley S. Casten
Gregory S. Kavanagh
Kathy M. Russell
Tony R. Shupin
Frederick J. Underwood, Sr.

Department of Administration & Finance

Office of the Tax Collector

Jo Anne R. Lambusta, CTC
Tax Collector
(732) 262-1021
Fax: (732) 477-3746
jlambusta@twp.brick.nj.us
<http://www.twp.brick.nj.us>

Receipt For Public Works Garbage Can Deposit

Date: 8-19-02

Block: 1385.08 Lot: 5

Property Address: 618 Turkey Point Rd

Date of Payment: 11-28-01

Kelly Pasoscello
Tax Collectors Office

TOWNSHIP OF BRICK
OCEAN COUNTY, NEW JERSEY
401 CHAMBERS BRIDGE ROAD, BRICK, N.J. 08723
(732) 262-1050



Joseph C. Scarpelli Mayor

Township Council

Frederick J. Underwood, Sr - President
Stephen C. Acropolis
Kimberley S. Casten
Steven N. Cucci
Gregory S. Kavanagh
Kathy M. Russell
Anthony R. Shupin

Department of Administration & Finance

Division of Inspections
Joseph Curiazza
Construction Official
(732) 262-1030
Fax: (732) 262-8954
www.twp.brick.nj.us

Affidavit in support of application for a Certificate of Occupancy, pursuant to NJAC 5:23-2.24(c):

Date: 8/19/02

Owner in Fee: Stephen J. Hasse

Site Address: 618 Turkey Point Rd

Block: 1345.08 Lot: 5

I being the owner in fee for the site listed above and being of legal age, duly sworn upon my oath depose and say that a new home has been constructed on this property for personal use and occupancy by me.

I hereby attest that all designs, construction, plumbing, electrical or fire work has been done by me or by a subcontractor under my supervision in accordance with all applicable laws. I further acknowledge that this new home is not covered under the New Home Warranty and Builder's Registration Act (NJSA 46:3B-1 et seq.) and that such fact shall be disclosed to any person purchasing this property within ten years of the date of issuance of a certificate of occupancy.

Stephen J. Hasse
(Signature)

Stephen J. Hasse
(Print Name)

Sworn and Subscribed before me on this 19th day of August 2002.

Mary Jane Rinaldi
(Notary's Signature)

MARY JANE RINALDI
Notary Public of New Jersey
My Commission Expires 06/04/2003



OCEAN COUNTY SOIL CONSERVATION DISTRICT

714 LACEY ROAD, FORKED RIVER, N.J. 08731
(609) 971-7002 Fax (609) 971-3391

REPORT OF COMPLIANCE

TO: CONSTRUCTION CODE OFFICIAL MUNICIPALITY: BRICK
PROJECT: TURKEY POINT SCD NO.: 1658
BLOCK NO.(s) 1385.08 LOT NO.(s) 5

Final Compliance ☒

Conditional Compliance ☐

Block No.	Lot No.	Conditions
		APPLICANT REMAINS RESPONSIBLE FOR COMPLETE GERMINATION OF ALL SEDED AREAS. ALL DOWNSPILLS - TO BE PIPED TO STABLE OUTLET.
		TOTAL FEES DUE: \$ <u> </u>

This verifies that the soil erosion and sediment control measures for the above designated block and lot numbers are in compliance to the extent indicated above with the soil erosion and sediment control plan as certified by the Ocean County Soil Conservation District and required by Chapter 251, P.L. 1975 as amended, the Soil Erosion and Sediment Control Act, (N.J.S.A. 4:24-39 et. seq.).

AGENT RESPONSIBLE FOR PROJECT: [Signature]

AUTHORIZED DISTRICT SIGNATURE: [Signature]

DATE: 9/29/02

DISTRIBUTION: WHITE - Township
CANARY - Applicant
PINK - District

TO: Daniel Newman, JR
Construction Official

FROM: Allison J Peltier

DATE: September 20, 2002

RE: 618 Turkey Point Rd-pool permit

The above address was issued a building permit for a single-family dwelling and inground pool on November 13, 2001 permits #01-4166. The inground pool was separated out from the house permit. The following new permit number 02-3577 is for the inground pool only and was exempt from all permit fees. When the single-family dwelling permit was issued, the cost of the pool was included. The homeowner is scheduling all required final inspections so they can obtain their certificate of occupancy. There were problems with the inground pool that was delaying this process.

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

401 CHAMBERS BRIDGE ROAD • BRICK, NJ 08723

*Mary Lane -
1st notice*

Joseph C. Scarpelli, Mayor

Township Council:

Steven N. Cucci — President
Stephen C. Acropolis
Kimberley S. Casten
Gregory S. Kavanagh
Kathy M. Russell
Tony R. Shupin
Frederick J. Underwood, Sr.



Department of Administration & Finance

Division of Inspections

Daniel F. Newman Jr.

Construction Official

(732) 262-1030

Fax: (732) 262-8954

<http://www.twp.brick.nj.us>

December 18, 2002

Mr. & Mrs. Stephen Hasse
618 Turkey Point Road
Brick, NJ 08724

Re: Permit #01-4166
Single Family Dwelling

Dear Mr. & Mrs. Hasse:

Please be advised that the Temporary Certificate of Occupancy issued on September 27, 2002 has expired on October 15, 2002.

Please contact this office within ten (10) business days of receipt of this correspondence to obtain the final inspections necessary to obtain a Certificate of Occupancy.

If you need additional information or have any questions, please feel free to contact me directly by calling (732) 262-1030.

Thank you in advance for your cooperation regarding this matter.

Sincerely,

A handwritten signature in cursive script that reads "Daniel F. Newman, Jr.".

Daniel F. Newman, Jr.
Construction Code Official

DFN/mjr

TOWNSHIP OF BRICK

OCEAN COUNTY, NEW JERSEY

401 CHAMBERS BRIDGE ROAD • BRICK, NJ 08723

Joseph C. Scarpelli, Mayor

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Steven N. Cucci — President
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Gregory S. Kavanagh
Kathy M. Russell
Tony R. Shupin
Frederick J. Underwood, Sr.



Department of Engineering

Office of the Municipal Engineer
(732) 262-1038

Fax: (732) 262-8954

<http://www.twp.brick.nj.us>

COMPLAINT FORM

DATE: _____

NAME: George Cucco
ADDRESS: Clarks Office
PHONE: 262-1004

TYPE OF COMPLAINT

PAVING _____ LANDSCAPING _____ CURB _____
STORM SEWER _____ SIDEWALK _____
ROAD _____ PONDING _____ EROSION X

COMMENTS: A lot of Topo in rear
by Pool - Big wash out -
Water into yard at Bottom of Hill
9- - 02 - met w/ Home owner & site & went
over prop plans - Wants to eliminate R Walls.
Went over acceptable grading practices
9-10-02 reviewed site grading / met w/ neighbor &
down slope side & went over prop grading
& any problems ALL

RECEIVED BY: _____ INSPECTED BY: _____

Steve
732-547-1721

Certificate of Occupancy Single Family Dwelling

Address 618 Turkey Rd Block 1385.08 Lot 5

Final Inspections:

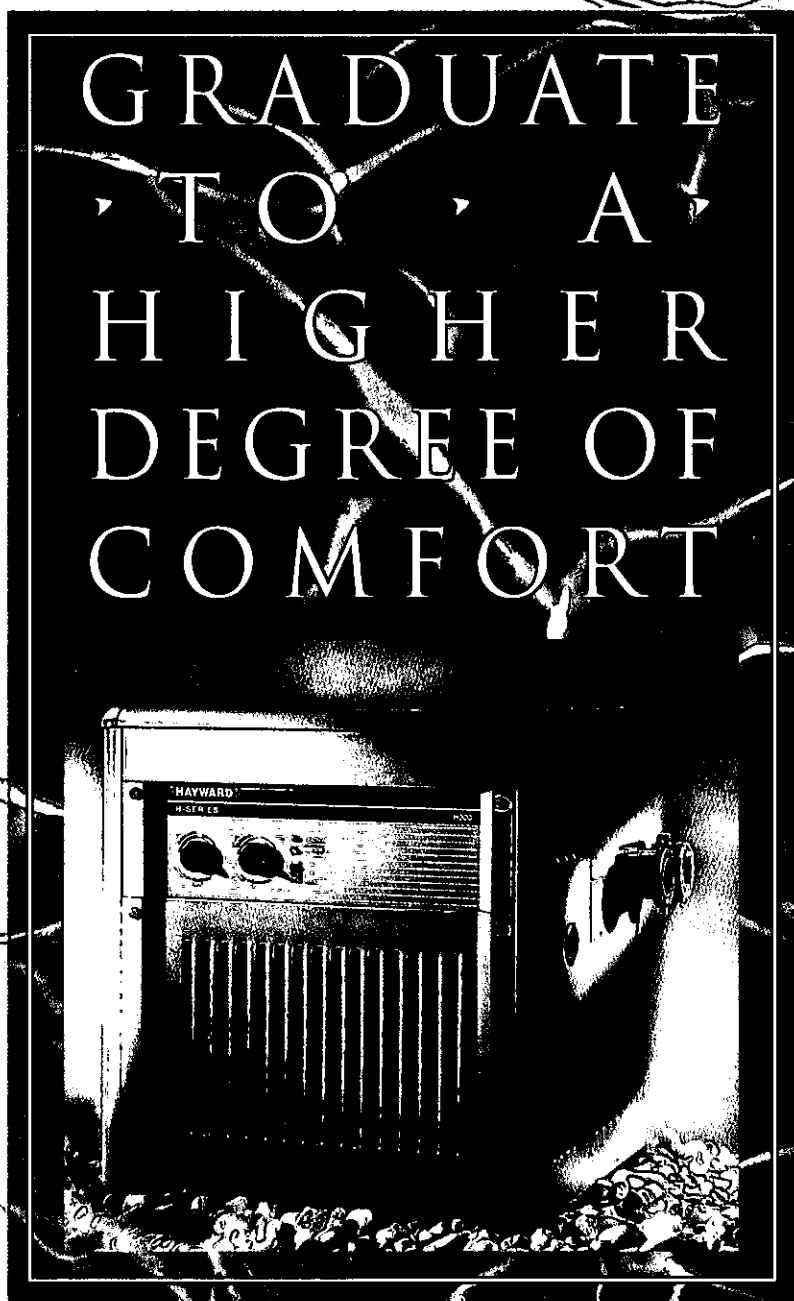
1. Final Building
2. Final Electric
3. Final Plumbing
4. Final Fire
5. Certificate of Compliance
6. Final Engineering
7. Final Ocean County Soil
8. Home Owners Warranty/Affidavit

Report of compliance from Ocean County Soils is needed when more than 5000 sq. ft. are disturbed, always when more than 1 house is constructed (Major/Minor Subdivisions).

Building Tues Approval Date 9-17-02 House Only
Plumbing 8/21 Final 10/25 Approval Date anytime after 8/20 only
Fire 8/23 Approval Date 9/4/02
Electrical _____ Approval Date 8/9/02 OK
Cert. Of Compliance _____ Approval Date 8-19-02
HOW/ Affidavit _____ Approval Date AFFIDAVIT
☒ Engineering 2/6/3 Approval Date N/A
Soil _____ Approval Date OK 9/24/02
Affordable Housing _____ Approval Date EXEMPT
Occupancy Load _____ Approval Date N/A
Garbage Can Receipt _____ Approval Date OK 10/24/02 8/19/02
CO Application _____ Approval Date OK 8/19/02

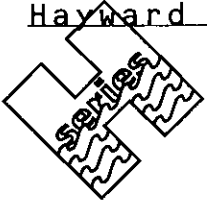
1385.08
875
01-4166

GRADUATE
TO A
HIGHER
DEGREE OF
COMFORT



HAYWARD®
America's #1 Pool Water Systems.

Hayward H-Series Pool/Spa Heaters

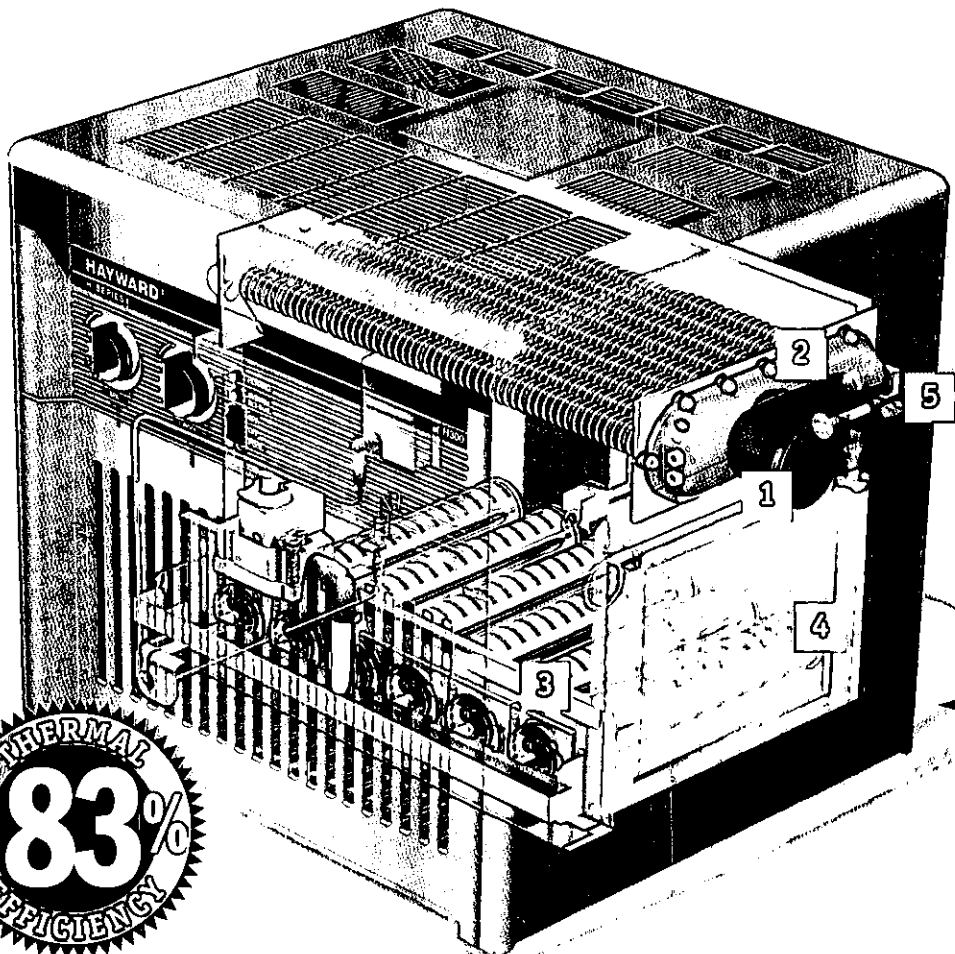


Advancing the STATE-OF-THE-ART.

The Hayward H-Series heater incorporates the most advanced heating technology to provide luxuriating comfort, energy-efficient operation and long-lasting dependability. When you select the patent-pending H-Series, you'll turn up the heat in confidence with features that include a rust-resistant water path, a rapid-heat combustion chamber, and a direct spark ignition system.* Plus, much more.

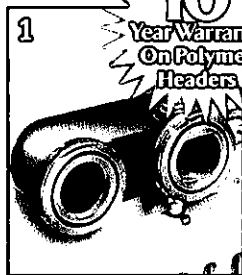
You'll be equally impressed with the appearance and user-friendliness of the H-Series heater as you are with its performance. Low-profile in design, the H-Series offers such aesthetic attributes as an integral draft hood, contoured cabinet styling, and a control panel that features a LED diagnostic system.* Which makes owning a Hayward H-Series heater as enjoyable to your visual and tactile senses as it is to your pool and spa.

*Available on electronic ignition models.



ULTIMATE durability.

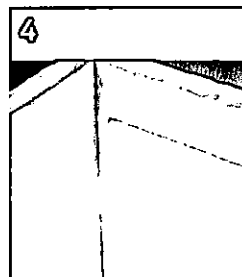
Hayward H-Series heaters are the only heaters that employ a rust-resistant water path. Unlike other models that use a heavy cast iron or costly bronze assembly, H-Series headers are manufactured from a modern injection-molded polymer process. The benefits are lighter weight for easier installation and rust-free durability for extended product performance.



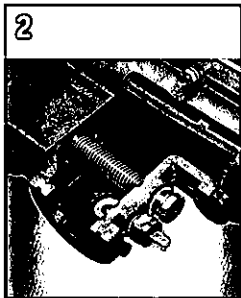
Non-corrosive polymer headers and stainless steel tube sheets provide extra durability.

Get the MOST out of each BTU.

The patent-pending one-inch-thick FireTile® insulated combustion chamber creates an interlocking shell that's measurably stronger, with improved heat-retention capabilities. Unlike older firebrick, FireTile holds the heat in and doesn't allow it to escape, providing up to 83% thermal efficiency.



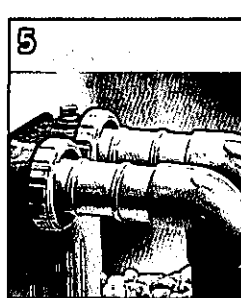
FireTile® combustion chamber for rapid heating.



Flow control management for optimum performance.

The PERFECT temperature.

The H-Series features a high-performance flow control system that continually monitors and regulates water flow, maintaining internal temperature at a constant level. Specifically designed to deliver maximum efficiency, it assures that fuel use is more efficient; and comfortable pool temperatures automatically maintained.



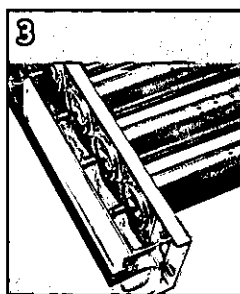
CPVC capability reduces installation time and cost.

CONNECT with CPVC.

The H-Series' ability to cool down quickly after heating your pool or spa to the desired temperature allows for the use of CPVC plumbing connections. This exclusive Hayward capability not only eliminates the need for expensive heat sinks and fireman switches, but also reduces time and cost at installation. As an added benefit, a CPVC connector kit is included with every H-Series heater.

Geometry that adds up to TOTAL COMFORT.

The jet-ported burner system evenly distributes incoming fuel to precise geometric openings on each burner tube. This assures that each flame is in the most fuel-efficient position on the tube assembly. The result is superior comfort at all times.



Eugenox burners: tough, durable, and easily accessible.

Constructed of tough, durable Eugenox, a proprietary steel alloy, H-Series burners can be removed individually or as a complete unit for easy maintenance and cleaning.

Graduate to a HIGHER DEGREE of comfort.

Extend the warmth of your hospitality with the addition of a Hayward H-Series high-performance heater. And transform the element of water into an element of pure enjoyment.

Selecting the H-Series that's RIGHT For you.

Direct-spark electronic ignition models incorporate a LED diagnostic system that provides for quick and accurate pinpointing of component performance, for simplified servicing. They are also "remote-ready," which allows timer systems to be hard-wired directly to your H-Series heater.

Millivolt models feature a push-button ClickLite™ for easy pilot lighting — without matches. All H-Series heaters employ a resettable temperature limiter switch for added safety and convenience.

EXCELLENCE backed by a heritage of leadership.

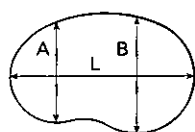
When you choose H-Series, you not only select superb technology, you also benefit from the knowledge and commitment that the industry's leading manufacturer can provide. Only Hayward offers pool and spa owners the compatibility of The Total Hayward System™... a comprehensive, coordinated family of quality designed and precision crafted recirculation products.



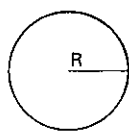
SELECTING THE CORRECT SIZE H-SERIES HEATER

For Your Swimming Pool

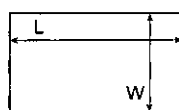
Determine your pool's surface area in square feet



$$\text{Area} = (A+B) \times L \times .45$$



$$\text{Area} = R \times R \times 3.14$$



$$\text{Area} = L \times W$$

Locate in the table below, the surface area equal to or just greater than the pool's surface area, read to the left and select the appropriate H-Series model.

For indoor pool installations divide the pool's surface area by 3.

Recommended H-Series Model

Model	Surface Area
H400	1200
H350	1050
H300	900
H250	750
H200	600
H150	450

Table is based on a 30°F temperature rise, 3 1/4 MPH average wind velocity and elevation of up to 2,000 feet above sea level.

For Your Spa or Hot Tub

Determine your spa capacity in gallons (Surface area x average depth x 7 1/2)

The reference table lists the time required in minutes to raise the temperature of the spa/hot tub by 30°F. Locate in the table below the spa/hot tub size in gallons equal to or just greater than the spa/hot tub size in gallons. Select the desired time to raise the spa/hot tub temperature 30°, read to the left and select the appropriate H-Series model.

This guide can be adjusted for other temperature rises. For example, if you desire a 15°F increase in temperature, simply divide the time for 30°F rise by the ratio of 30/15 = 2.

Note: Heat losses and/or heat absorbed by spa walls or other objects will add to the heat-up time.

Spa sizing is based on an insulated and covered spa. Always cover your spa or hot tub when not in use to minimize heat loss and evaporation.

Recommended H-Series Model

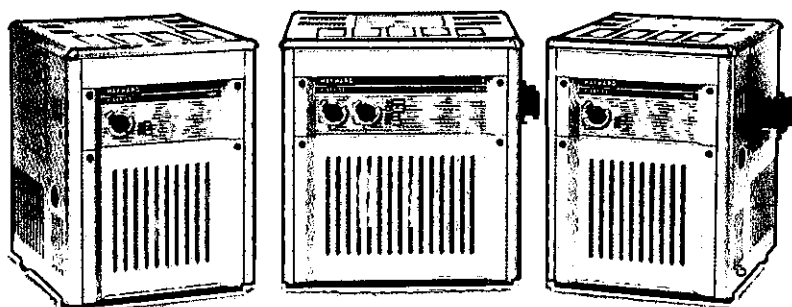
Model	Spa/Tub Size in Gallons									
	200	300	400	500	600	700	800	900	1,000	
	Time in Minutes to Raise Spa/Tub Temperature 30°F									
H400	9	14	19	23	28	33	37	42	47	
H350	11	16	21	27	32	37	43	48	54	
H300	12	19	25	31	37	44	50	56	62	
H250	15	22	30	37	45	52	60	67	75	
H200	19	28	37	47	56	66	75	84	94	
H150	25	37	50	62	75	87	100	112	125	

Specifications and Dimensions

Model	BTU /Hr.	Width	Depth	Height	Flue Outlet Diameter	Flue Pipe Diameter	Stack Height		Heater Weight (lbs.)	Gas Connection at Heater
							DHI	HWS		
H400	400,000	35 1/4"	27 1/2"	28 1/2"	9"	10"	31 1/2"	19 1/2"	200 lbs.	3/4"
H350	350,000	32 1/2"	27 1/2"	28 1/2"	9"	10"	31 1/2"	17 1/4"	185 lbs.	3/4"
H300	300,000	29 3/4"	27 1/2"	28 1/2"	8"	9"	30 3/4"	17 1/4"	157 lbs.	3/4"
H250	250,000	27"	27 1/2"	28 1/2"	7"	7"	28 1/4"	17 3/4"	144 lbs.	3/4"
H200	200,000	24 1/4"	27 1/2"	28 1/2"	7"	7"	28 1/4"	15 1/4"	141 lbs.	3/4"
H150	150,000	21 1/4"	27 1/2"	28 1/2"	6"	6"	22 1/4"	14"	131 lbs.	3/4"

H-Series heaters are available in a comprehensive range of BTU sizes and options, including 1 1/2" and 2" water connections, millivolt and electronic temperature control,

and natural or propane gas. All units are certified by the American Gas Association and carry Hayward's exclusive warranty.



The Hayward H-Series family of high-performance heaters.



H-Series heaters feature water connections that are fully compatible with preexisting installations.

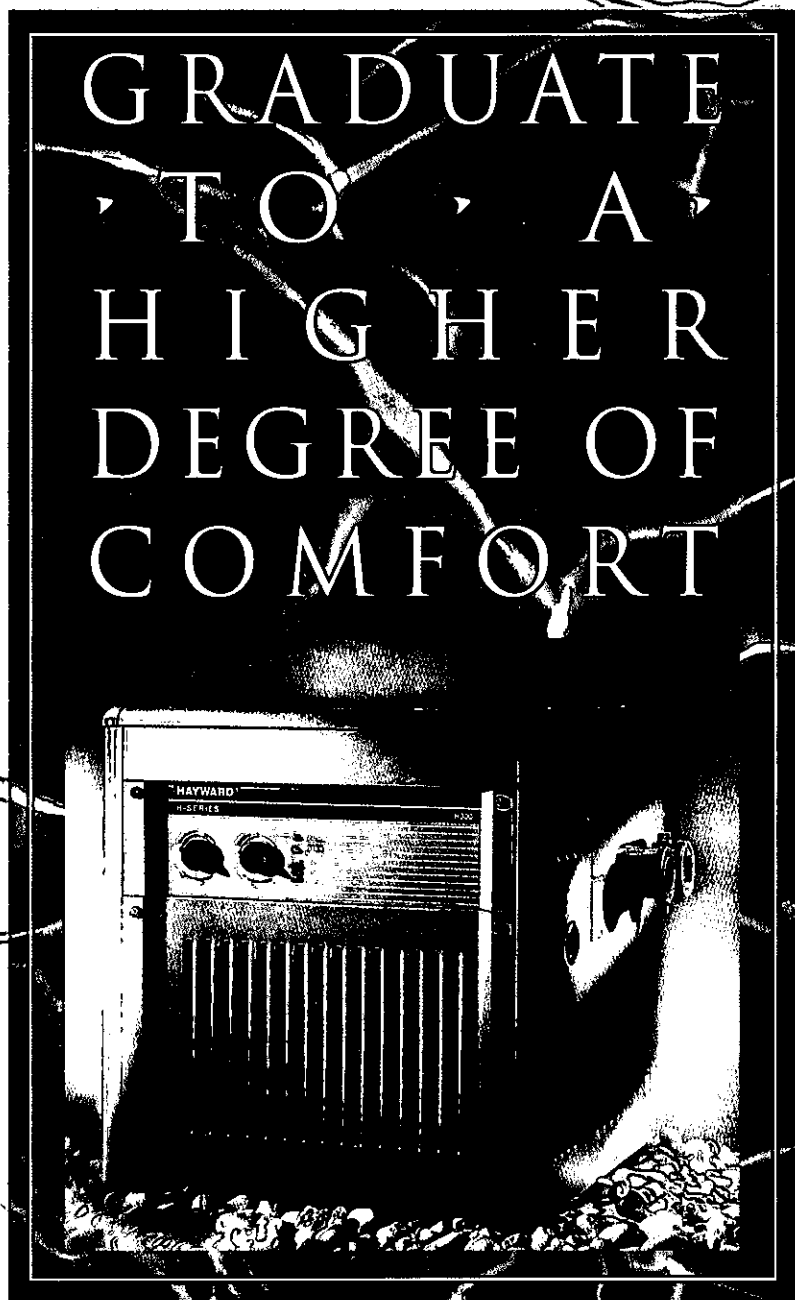


HAYWARD®

America's #1 Pool Water Systems.

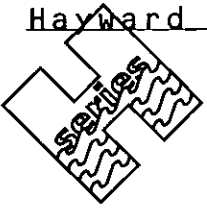
HS97

GRADUATE
TO A
HIGHER
DEGREE OF
COMFORT



HAYWARD®
America's #1 Pool Water Systems.

Hayward H-Series Pool/Spa Heaters

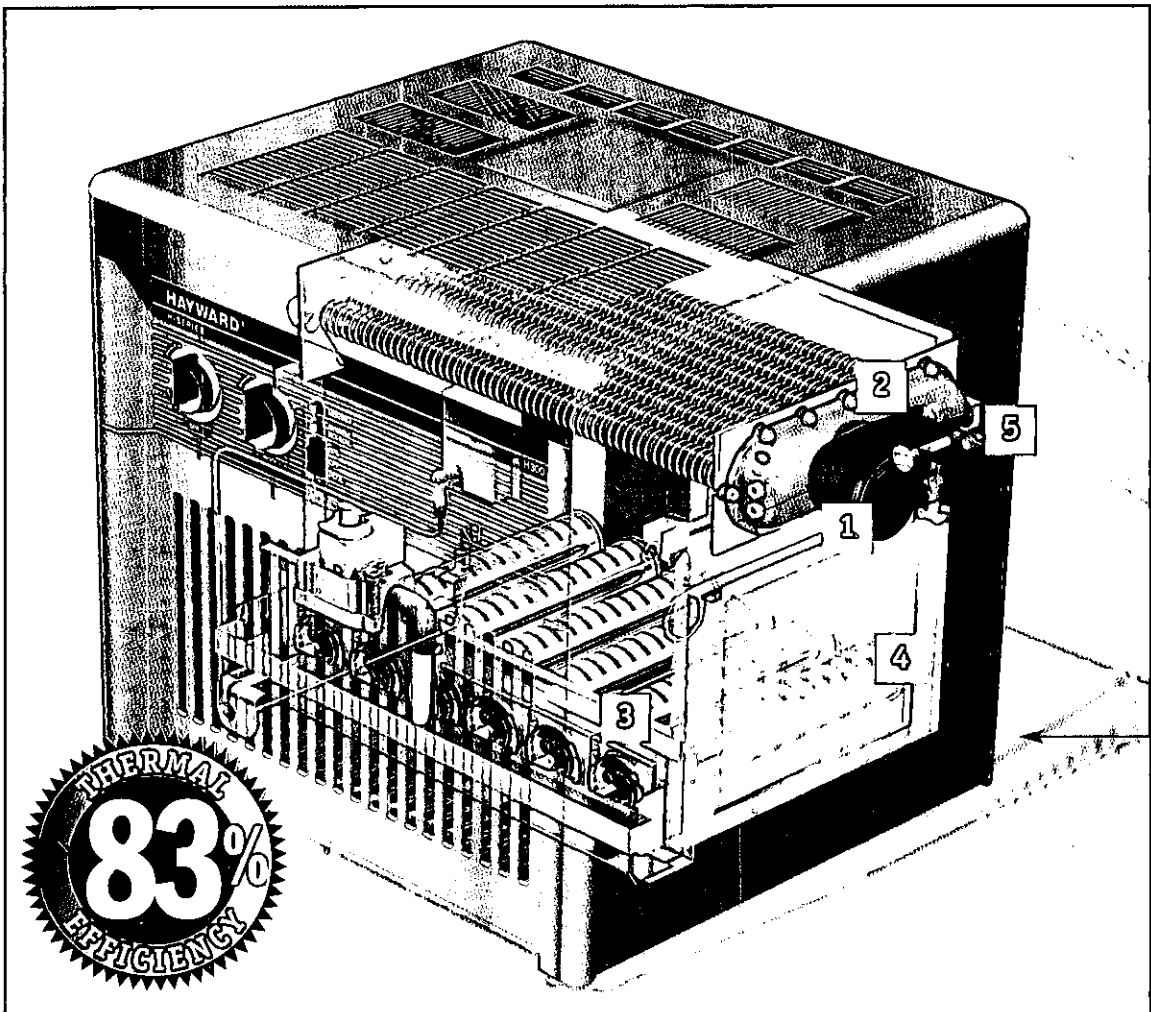


Advancing the STATE-OF-THE-ART.

The Hayward H-Series heater incorporates the most advanced heating technology to provide luxuriating comfort, energy-efficient operation and long-lasting dependability. When you select the patent-pending H-Series, you'll turn up the heat in confidence with features that include a rust-resistant water path, a rapid-heat combustion chamber, and a direct spark ignition system.* Plus, much more.

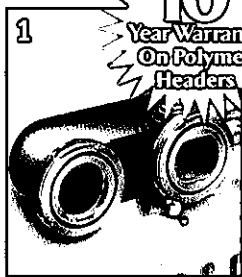
You'll be equally impressed with the appearance and user-friendliness of the H-Series heater as you are with its performance. Low-profile in design, the H-Series offers such aesthetic attributes as an integral draft hood, contoured cabinet styling, and a control panel that features a LED diagnostic system.* Which makes owning a Hayward H-Series heater as enjoyable to your visual and tactile senses as it is to your pool and spa.

*Available on electronic ignition models.



ULTIMATE durability.

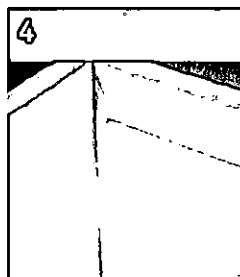
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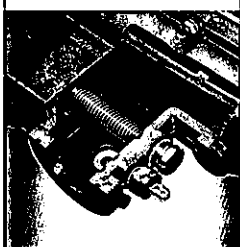
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FireTile® combustion chamber for rapid heating.

2



Flow control management for optimum performance.

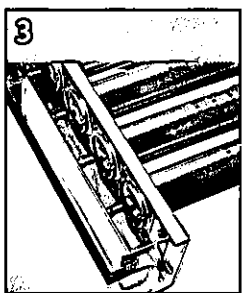
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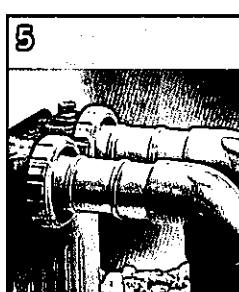
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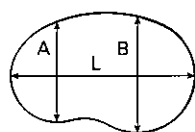
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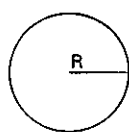
SELECTING THE CORRECT SIZE H-SERIES HEATER

For Your Swimming Pool

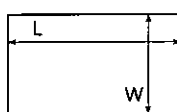
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Recommended H-Series Model

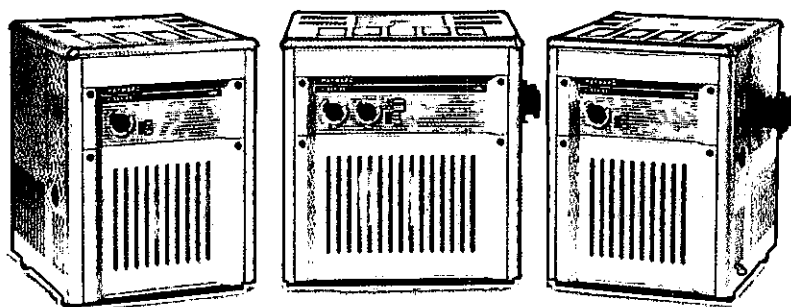
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H-Series heaters feature water connections that are fully compatible with preexisting installations.



HAYWARD®

America's #1 Pool Water Systems.

TOWNSHIP OF BRICK

PLOT PLAN REVIEW

CHECKLIST

BLOCK 1385.08 LOT 5 DATE RECEIVED _____

PROPERTY ADDRESS 618 Turkey Point Rd

APPLICANT Stephen J. Hasse PHONE 732-905-8500

ADDRESS 816 Ocean Rd Pt. Pleasant NJ 08742

CONTRACTOR Stephen J. Hasse PHONE _____

ADDRESS 816 Ocean Rd - Pt. Pleasant NJ 08742

TYPE OF WORK New Single Family Home ZONING APPROVAL _____

FLOOD ZONE _____ FLOOD ELEV. _____

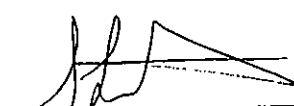
PANEL # _____ MAP # _____ DATE _____

PLANNING BOARD/BOARD OF ADJUSTMENT APPROVED YES _____ NO _____

		YES	NO	N/A
1.	PLAN SIGNED & SEALED	X		
2.	SCALE OF NOT LESS THAN 1"=50'	X		
3.	EXISTING ELEVATIONS (NGVD IN FLOOD ZONES)	X		"C" 4
4.	PROPERTY LINES, CORNERS, BEARINGS & DISTANCES	X		
5.	STREET GUTTER, CURB & CENTER LINE ELEVATIONS	X		
6.	CONTOURS; 1' INCREMENTS	X		
7.	ADJACENT DWELLING CORNERS & CORNER ELEVATIONS	X		
8.	PROPOSED GRADING/ELEVATIONS	X		
9.	GARAGE/1ST FLOOR/CRAWLSPACE/BASEMENT ELEVATIONS	X		
10.	PROPOSED DWELLING, DIMENSIONS & CORNER ELEVATIONS	X		
11.	METHOD OF DRAINAGE	X		
12.	NORTH ARROW	X		
13.	DRIVEWAY WIDTH/TYPE	X		
14.	DIMENSIONS/ACREAGE OF PARCEL/SETBACK LINES	X		
15.	PROPERTY ADDRESS/LOT & BLOCK NUMBER	X		
16.	SIDEWALK, CURB AND APRONS	X		
17.	PARKING AREAS	X		
18.	UTILITY & CONNECTIONS; WATER/SEWER/GAS/ELECTRIC	X		
19.	PLANTINGS, SEEDLINGS, SCREENINGS, FENCES, SIGNS			—
20.	STREET WIDTH, STREET NAME, RIGHT-OF-WAY WIDTH	X		—
21.	LIMITS OF CLEARING			—
22.	BASEMENTS/DEDICATIONS/ENVIRONMENTAL CONSTRAINTS			—
23.	PRIOR APPR: ARMY CORP/NJDEP/SOIL EROSION, ETC.			—
24.	EXISTING STRUCTURES			—
25.	RETAINING WALLS/SERVICE WALKS/OTHER MISC. ITEMS	X		

PLOT PLAN REVIEW

APPROVED 10/18/01 REJECTED _____

 10/18/01 J.P.
 SIGNED DATE

REVISION

APPROVED _____ REJECTED _____

SIGNED _____ DATE _____

COMMENTS _____

Township of Brick

Counter Form
(PLEASE PRINT)

Site Location: 618 Turkey Point Rd
Block: 1385-08 Lot: 5
Owner's Name: Stephen J. Hassie
Owner's Mailing Address: 618 Ocean Rd
14 Pleasant NJ 08701
Phone: ()

4/16/66
Update

BUILDING

Contractor:
Address:

Phone#:
Lis #:
Federal Emp # or SSN

Technical Data

Description of Work:

Type of Work

 New Building Siding
 Addition Fence
 Alteration Pool
 Roofing Demolition
 Asbestos Abatement Sign sq ft

Building Characteristics

Use Group Present: Proposed:
No of Stories:
Height of Structure:
Area of the largest floor:
Area of New Structure:
Volume of New Structure:
Total Land Disturbed:

Cost of Alteration: \$

Cost of New Building: \$

Total Cost of New Building Work: \$

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature:

Please Print Name

ELECTRICAL

Contractor:
Address:

Phone#:
Lis #:
Federal Emp # or SSN

Technical Data

Item	Quantity
Lighting Fixtures	<u> </u>
Receptacles	<u> </u>
Switches	<u> </u>
Detectors	<u> </u>
Light Poles	<u> </u>
Motors w/ Fract. HP	<u> </u>
Emergency & Exit Lights	<u> </u>
Communication Points	<u> </u>
Alarm Devices/FAC Panel	<u> </u>
Total	<u> </u>

Pool (Receptacles, Switches, Lights, Motor 1HP)
Spa/Hot Tub/Storable Pool
Electric Range KW
Oven/Surface Unit KW
Electric Water Heater KW
Electric Dryer KW
Dishwasher KW
Garbage Disposal HP
A/C Unit—Central Air KW
Space Heater/Air Handler KW
Baseboard Heating KW
Motors 1+ HP
Transformer/Generator KW
Light Stander AMP
Service AMP
Subpanel AMP
Motor Control Center AMP
Sign/Outline Light KW
Furnace
Steam Boiler
Other:

Estimated Cost of Electrical Work:

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature:

Please Print Name

CONTRACTOR'S SEAL

Update TB

Counter Form
PLEASE PRINT

PLUMBING

FIRE

Contractor: Stephen J. Husse
Address: 816 Green Rd
At Morris NJ 08742
Phone #: [REDACTED]
Lic #: [REDACTED]
Federal Emp # or SSN: [REDACTED]

Contractor: _____
Address: _____
Phone #: _____
Lic #: _____
Federal Emp # or SSN: _____

Technical Data

Fixtures	Quantity
Water Closets (Toilet)	_____
Urinals/Bidets	_____
Bath Tub (w/or w/out shower head)	_____
Lavatory (BR Sink)	_____
Shower	_____
Floor Drain	_____
Sink	_____
Dishwasher	_____
Drinking Fountain	_____
Washing Machine	_____
Hose Bib	_____
Gas Piping	_____
Fuel Oil Piping	_____
Water Heater	_____
Steam Boiler	_____
Hot Water Boiler	_____
Sewer Pump	_____
Interceptor/Separator	_____
Backflow Preventer	_____
Greasetrap	_____
Air Conditioner (Condensate Drain)	_____
Septic Tank Closure	_____
Sewer Service Connection	_____
Water Service Connection	_____
Active Solar System	_____
X Auxiliary Meter	<u>1</u>
Sprinkler Heads	_____
Sump Pump	_____
Pool Heater	_____
Other:	_____

Estimated Cost of Plumbing Work \$200.00

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature: Stephen J. Husse
Please Print Name: Stephen J. Husse

CONTRACTOR'S SEAL

Technical Data

Description of Work:

Heating Type: Gas Oil Electric Solar
Heating System is New Existing
Location of Furnace/Boiler: _____
Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision: _____
Proprietary Supervision: _____

Flammable Storage Tanks _____ capacity _____ fuel
Combustible Storage Tanks _____ capacity _____ fuel
LPG Storage Tanks _____ capacity _____ fuel

Item	Quantity
Wet Sprinkler Heads	_____
Dry Sprinkler Heads	_____
Total	_____

Smoke Detectors _____
Heat Detectors _____
Total _____

Stand Pipes _____
Kitchen Hood Exhaust System _____

Pre-Engineered Systems:
CO2 Suppression _____
Halon Suppression _____
Foam Suppression _____
Dry Chemical _____
Wet Chemical _____

Gas/ Oil Fired Appliances:
Gas Stove _____
Gas Dryer _____
Furnace (Gas or Oil) _____
Gas Fireplace _____
Gas Logs _____
Total Appliances _____

Wood Burning Stove _____
Wood Fireplace _____
Other: _____

Estimated Cost of Fire Work _____

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PHONE _____

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TYPE OF WORK New Single Family Home ZONING APPROVAL _____

FLOOD ZONE _____ FLOOD ELEV. _____

PANEL # _____ MAP # _____ DATE _____

PLANNING BOARD/BOARD OF ADJUSTMENT APPROVED YES _____ NO _____

		YES	NO	N/A
1.	PLAN SIGNED & SEALED	X		
2.	SCALE OF NOT LESS THAN 1"=50'	X		
3.	EXISTING ELEVATIONS (NGVD IN FLOOD ZONES)	X		"C"
4.	PROPERTY LINES, CORNERS, BEARINGS & DISTANCES	X		
5.	STREET GUTTER, CURB & CENTER LINE ELEVATIONS	X		
6.	CONTOURS; 1' INCREMENTS	X		
7.	ADJACENT DWELLING CORNERS & CORNER ELEVATIONS	X		
8.	PROPOSED GRADING/ELEVATIONS	X		
9.	GARAGE/1ST FLOOR/CRAWLSPACE/BASEMENT ELEVATIONS	X		
10.	PROPOSED DWELLING, DIMENSIONS & CORNER ELEVATIONS	X		
11.	METHOD OF DRAINAGE	X		
12.	NORTH ARROW	X		
13.	DRIVEWAY WIDTH/TYPE	X		
14.	DIMENSIONS/ACREAGE OF PARCEL/SETBACK LINES	X		
15.	PROPERTY ADDRESS/LOT & BLOCK NUMBER	X		
16.	SIDEWALK, CURB AND APRONS	X		
17.	PARKING AREAS	X		
18.	UTILITY & CONNECTIONS; WATER/SEWER/GAS/ELECTRIC	X		
19.	PLANTINGS, SEEDLINGS, SCREENINGS, FENCES, SIGNS			
20.	STREET WIDTH, STREET NAME, RIGHT-OF-WAY WIDTH	X		
21.	LIMITS OF CLEARING			
22.	BASEMENTS/DEDICATIONS/ENVIRONMENTAL CONSTRAINTS			
23.	PRIOR APPR: ARMY CORP/NJDEP/SOIL EROSION, ETC.			
24.	EXISTING STRUCTURES			
25.	RETAINING WALLS/SERVICE WALKS/OTHER MISC. ITEMS	X		

PLOT PLAN REVIEW

APPROVED 10/18/01 REJECTED _____

SIGNED _____

DATE 10/18/01 (JPS)

REVISION

APPROVED _____ REJECTED _____

SIGNED _____

DATE _____

COMMENTS _____

Township of Brick

Counter Form
(PLEASE PRINT)

update
01-4/16/02

Site Location: 618 Turkey Point Rd
Block: 1385-08 Lot: 3
Owner's Name: Stephen J. Hasse
Owner's Mailing Address: 618 Turkey Point Rd
Brick NJ 08727
Phone: [REDACTED]

BUILDING

Contractor: Stephen J Hasse
Address: 618 Turkey Point Rd
Brick NJ
Phone#: [REDACTED]
Lis # [REDACTED]
Federal Emp # or SSN [REDACTED]

Technical Data

Description of Work:

Deck Size Changed From
Original Blueprint - No
Change to Footing Specs
That were Originally Approved

Type of Work

☐ New Building ☐ Siding
☐ Addition ☐ Fence
☒ Alteration ☐ Pool
☐ Roofing ☐ Demolition
☐ Asbestos Abatement ☐ Sign sq ft

Building Characteristics

Use Group Present: Proposed:
No of Stories:
Height of Structure:
Area of the largest floor:
Area of New Structure:
Volume of New Structure:
Total Land Disturbed:
Cost of Alteration: \$
Cost of New Building: \$
Total Cost of New Building Work: \$

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature: [Signature]
Please Print Name Stephen J. Hasse 9/13/02

ELECTRICAL

Contractor:
Address:
Phone#:
Lis #:
Federal Emp # or SSN

Technical Data

Item	Quantity
Lighting Fixtures	
Receptacles	
Switches	
Detectors	
Light Poles	
Motors w/ Fract. HP	
Emergency & Exit Lights	
Communication Points	
Alarm Devices/FAC Panel	
Total	

Pool (Receptacles, Switches, Lights, Motor 1HP)
Spa/Hot Tub/Storable Pool
Electric Range KW
Oven/Surface Unit KW
Electric Water Heater KW
Electric Dryer KW
Dishwasher KW
Garbage Disposal HP
A/C Unit - Central Air KW
Space Heater/Air Handler KW
Baseboard Heating KW
Motors 1+ HP
Transformer/Generator KW
Light Stander AMP
Service AMP
Subpanel AMP
Motor Control Center AMP
Sign/Outline Light KW
Furnace
Steam Boiler
Other:

Estimated Cost of Electrical Work:

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature:
Please Print Name

CONTRACTOR'S SEAL

Counter Form
PLEASE PRINT

PLUMBING

Contractor: _____
Address: _____

Phone #: _____
Lis #: _____
Federal Emp # or SSN _____

Technical Data

Fixtures	Quantity
Water Closets (Toilet) _____	
Urinals/Bidets _____	
Bath Tub (w/or w/out shower head) _____	
Lavatory (BR Sink) _____	
Shower _____	
Floor Drain _____	
Sink _____	
Dishwasher _____	
Drinking Fountain _____	
Washing Machine _____	
Hose Bib _____	
Gas Piping _____	
Fuel Oil Piping _____	
Water Heater _____	
Steam Boiler _____	
Hot Water Boiler _____	
Sewer Pump _____	
Interceptor/Separator _____	
Backflow Preventer _____	
Greasetrap _____	
Air Conditioner (Condensate Drain) _____	
Septic Tank Closure _____	
Sewer Service Connection _____	
Water Service Connection _____	
Active Solar System _____	
Auxiliary Meter _____	
Sprinkler Heads _____	
Sump Pump _____	
Pool Heater _____	
Other: _____	

Estimated Cost of Plumbing Work _____

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature: _____

Please Print Name: _____

CONTRACTOR'S SEAL

FIRE

Contractor: _____
Address: _____

Phone #: _____
Lis #: _____
Federal Emp # or SSN _____

Technical Data

Description of Work:

Heating Type: _____ Gas _____ Oil _____ Electric _____ Solar _____
Heating System is _____ New _____ Existing _____
Location of Furnace/Boiler: _____
Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision: _____
Proprietary Supervision: _____

Flammable Storage Tanks _____ capacity _____ fuel _____
Combustible Storage Tanks _____ capacity _____ fuel _____
LPG Storage Tanks _____ capacity _____ fuel _____

Item	Quantity
Wet Sprinkler Heads _____	
Dry Sprinkler Heads _____	
Total _____	

Smoke Detectors _____
Heat Detectors _____
Total _____

Stand Pipes _____
Kitchen Hood Exhaust System _____

Pre-Engineered Systems:

CO2 Suppression _____
Halon Suppression _____
Foam Suppression _____
Dry Chemical _____
Wet Chemical _____

Gas/ Oil Fired Appliances:

Gas Stove _____
Gas Dryer _____
Furnace (Gas or Oil) _____
Gas Fireplace _____
Gas Logs _____
Total Appliances _____

Wood Burning Stove _____
Wood Fireplace _____
Other: _____

Estimated Cost of Fire Work _____

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature: _____

Print Name: _____

Township of Brick

Counter Form
(PLEASE PRINT)

Site Location: 618 Turkey Point Rd
 Block: 1385-08 Lot: 5
 Owner's Name: Stephen J. Hasse
 Owner's Mailing Address: 816 Ocean Rd
Pt Pleasant N.J. 08742
 Phone: [REDACTED]

BUILDING

Contractor: Stephen J. Hasse
 Address: 816 Ocean Rd
Pt. Pleasant N.J. 08742
 Phone#: [REDACTED]
 Lis #: [REDACTED]
 Federal Emp # or SSN: [REDACTED]

Technical Data

Description of Work:
New 2 story Single Family Home
Inground Pool, 6'0" Chain link
fence

Type of Work

☒ New Building
☐ Addition
☐ Alteration
☐ Roofing
☐ Asbestos Abatement
☒ Siding
☒ Fence \$40,000.00
☒ Pool \$20,000.00
☐ Demolition
☐ Sign _____ sq ft

Building Characteristics

Use Group Present: _____ Proposed: R-4
 No of Stories: 2
 Height of Structure: 28' 4"
 Area of the largest floor: 2875
 Area of New Building: 3660
 Volume of Structure: 74975
 Total Land Disturbed: 3750
 Cost of Alteration: 24,000.00
 Cost of New Building: 740,000
 Total Cost of Building Work: 264,000.00

ELECTRICAL

Contractor: Stephen J. Hasse
 Address: 816 Ocean Rd
Pt. Pleasant NJ 08742
 Phone#: [REDACTED]
 Lis #: [REDACTED]
 Federal Emp # or SSN: [REDACTED]

Technical Data

Item	Quantity
Lighting Fixtures	<u>93</u>
Receptacles	<u>104</u>
Switches	<u>68</u>
Detectors	<u>12</u>
Light Poles	
Motors w/ Fract. HP	
Emergency & Exit Lights	
Communication Points	
Alarm Devices/FAC Panel	
Total	

Pool: ☒ 2HP
 Spa/Hot Tub/Storable Pool _____ KW
 Electric Range _____ KW
 Oven/Surface Unit _____ KW
 Electric Water Heater _____ KW
 Electric Dryer _____ KW
 Dishwasher ☒ 120V/60Hz/12Amp - 1200 KW
 Garbage Disposal ☒ _____ HP
 A/C Unit - Central Air ☒ 24000 KW
 Space Heater/Air Handler _____ KW
 Baseboard Heating _____ KW
 Motors 1+ HP 15Amp (1) 3HP Tub in Master Bath
 Transformer/Generator _____ KW
 Light Stander _____ AMP
 Service _____ 300 AMP
 Subpanel _____ AMP
 Motor Control Center _____ AMP
 Sign/Outline Light _____ KW
 Furnace _____
 Steam Boiler _____
 Other: _____

Estimated Cost of Electrical Work: 7500.00

Signature: Stephen J. Hasse
 Please Print Name: Stephen J. Hasse

Signature: Stephen J. Hasse
 Please Print Name: Stephen J. Hasse

CONTRACTOR'S SEAL

Counter Form
PLEASE PRINT

PLUMBING

Contractor: Stephen J. Hasse
Address: 816 Ocean Rd
Pt. Pleasant NJ 08742
Phone #: [REDACTED]
Lis #: [REDACTED]
Federal Emp # or SSN [REDACTED]

Technical Data

Fixtures	Quantity
Water Closets	<u>4</u>
Urinals/Bidets	<u>3</u>
Bath Tub	<u>6</u>
Lavatory	<u>1</u>
Shower	<u>2</u>
Floor Drain	<u>4</u>
Sink	<u>1</u>
Dishwasher	<u>1</u>
Drinking Fountain	<u>1</u>
Washing Machine	<u>4</u>
Hose Bib	<u>1</u>
Gas Piping	<u>1</u>
Fuel Oil Piping	<u>1</u>
Water Heater	<u>1</u>
Steam Boiler	<u>1</u>
Hot Water Boiler	<u>1</u>
Sewer Pump	<u>1</u>
Interceptor/Separator	<u>1</u>
Backflow Preventer	<u>4</u>
Greasetrap	<u>1</u>
Water Cooled A/C or Refrig. Unit	<u>1</u>
Septic Tank Closure	<u>1</u>
Sewer Service Connection	<u>1</u>
Water Service Connection	<u>1</u>
Active Solar System	<u>1</u>
Auxiliary Meter	<u>1</u>
Sprinkler Heads	<u>1</u>
Sump Pump	<u>1</u>
Other:	

Estimated Cost of Plumbing Work 29,000
Signature: Stephen J. Hasse
Please Print Name: Stephen J. Hasse

CONTRACTOR'S SEAL

FIRE

Contractor: Stephen J. Hasse
Address: 816 Ocean Rd
Pt. Pleasant NJ 08742
Phone #: [REDACTED]
Lis #: [REDACTED]
Federal Emp # or SSN [REDACTED]

Technical Data

Description of Work:

Heating Type: ☒ Gas ☐ Oil ☐ Electric ☐ Solar
Heating System is 8 New Existing
Location of Furnace/Boiler: Basement / Attic
Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision: _____
Proprietary Supervision: _____

Flammable Storage Tanks _____ capacity _____ fuel
Combustible Storage Tanks _____ capacity _____ fuel
LPG Storage Tanks _____ capacity _____ fuel

Item	Quantity
Wet Sprinkler Heads	
Dry Sprinkler Heads	
Total	
Smoke Detectors	<u>12</u>
Heat Detectors	
Total	<u>12</u>

Stand Pipes _____
Kitchen Hood Exhaust System _____

Pre-Engineered Systems:
CO2 Suppression _____
Halon Suppression _____
Foam Suppression _____
Dry Chemical _____
Wet Chemical _____

Gas/ Oil Fired Appliances:
Number of gas/oil fired appliances: (6)

Furnace (2)
Gas/Wood Fireplace (1) Gas + (3) Wood
Gas Logs _____
Wood Burning Stove _____
Other: Cooktop, Dryer, Water Heater

Estimated Cost of Fire Work 8,500.00
Signature: Stephen J. Hasse
Print Name: Stephen J. Hasse

Counter Form
PLEASE PRINT

PLUMBING

FIRE

Contractor: _____
Address: _____
Phone #: _____
Lic #: _____
Federal Emp # or SSN _____

Contractor: CUSTOM ELECTRONIC SYSTEMS
Address: 11 ALCAIA DRIVE
BRICK N.J.
Phone #: 732 477 8100
Lic #: LOW VOLTAGE - ONLY
Federal Emp # or SSN _____

Technical Data

Structures _____
Quantity _____
Water Closets _____
Toilets/Bidets _____
Bathtub _____
Sewer _____
Floor Drain _____
Sink _____
Dishwasher _____
Sinking Fountain _____
Washing Machine _____
Water Bib _____
Gas Piping _____
Fuel Oil Piping _____
Water Heater _____
Steam Boiler _____
Hot Water Boiler _____
Sewer Pump _____
Interceptor/Separator _____
Backflow Preventer _____
Greasetrap _____
Water Cooled A/C or Refrig. Unit _____
Septic Tank Closure _____
Sewer Service Connection _____
Water Service Connection _____
Active Solar System _____
Auxiliary Meter _____
Sprinkler Heads _____
Sump Pump _____
Other: _____

Technical Data

Description of Work:

Heating Type: _____ Gas _____ Oil _____ Electric _____ Solar _____
Heating System is _____ New _____ Existing _____
Location of Furnace/Boiler: _____

Water Supply Source _____
Method of Valve Supervision _____
Local Alarm Supervision _____
Central Supervision: _____
Proprietary Supervision: _____

Flammable Storage Tanks _____ capacity _____ fuel _____
Combustible Storage Tanks _____ capacity _____ fuel _____
LPG Storage Tanks _____ capacity _____ fuel _____

Item	Quantity
Wet Sprinkler Heads	_____
Dry Sprinkler Heads	_____
Total	_____
Smoke Detectors	<u>X 3</u>
Heat Detectors	<u>1</u>
Total	<u>4</u>

Stand Pipes _____
Kitchen Hood Exhaust System _____

Pre-Engineered Systems:

CO2 Suppression _____
Halon Suppression _____
Foam Suppression _____
Dry Chemical _____
Wet Chemical _____

Gas/ Oil Fired Appliances:

Number of gas/oil fired appliances _____

Furnace _____
Gas/Wood Fireplace _____
Gas Logs _____
Wood Burning Stove _____
Other: _____

Estimated Cost of Plumbing Work _____

Signature: _____

Please Print Name: _____

CONTRACTOR'S SEAL

Estimated Cost of Fire Work 1,000.00

Signature: R. Young Jr.

Print Name: RON YOUNG JR.

Township of Brick

Counter Form
(PLEASE PRINT)

Update
01-4166 +A
& change of
contractor

Site Location: 618 TURKEY POINT ROAD, BRICK
Block: 1385.08 Lot: 5
Owner's Name: STEVE HASSE
Owner's Mailing Address: 816 OCEAN ROAD PT PLEASANT
08742
Phone: ()

BUILDING

Contractor: CUSTOM ELECTRONIC SYSTEMS, INC
Address: 11 ALCAIA DRIVE
BRICK N.J.
Phone#: 732
Lis # L
Federal Emp # or SSN

Technical Data

Description of Work:

Type of Work

☒ New Building ☐ Siding
☐ Addition ☐ Fence
☐ Alteration ☐ Pool
☐ Roofing ☐ Demolition
☐ Asbestos Abatement ☐ Sign sq ft

Building Characteristics

Use Group Present: Proposed:
No of Stories:
Height of Structure:
Area of the largest floor:
Area of New Building:
Volume of Structure:
Total Land Disturbed:

Cost of Alteration:

Cost of New Building:

Total Cost of Building Work:

Signature:

Please Print Name

ELECTRICAL

Contractor: CUSTOM ELECTRONIC SYSTEMS, INC
Address: 11 ALCAIA DRIVE
BRICK N.J.
Phone#: 732 477 8100
Lis #: LOW VOLTAGE
Federal Emp # or SSN

Technical Data

Item	Quantity
Lighting Fixtures	
Receptacles	
Switches	
Detectors	
Light Poles	
Motors w/ Fract. HP	
Emergency & Exit Lights	
Communication Points	<u>12</u>
Alarm Devices/FAC Panel	<u>1</u>
Total	

Pool
Spa/Hot Tub/Storable Pool
Electric Range
Oven/Surface Unit
Electric Water Heater
Electric Dryer
Dishwasher
Garbage Disposal
A/C Unit - Central Air
Space Heater/Air Handler
Baseboard Heating
Motors 1+ HP
Transformer/Generator
Light Stander
Service
Subpanel
Motor Control Center
Sign/Outline Light
Furnace
Steam Boiler

Other: ALARM SYSTEM
FIRE ALARM
MUSIC, PHONE & CABLE
Estimated Cost of Electrical Work: 3,000.

Signature: Ron Youmans Jr.

Please Print Name RON YOUNMAN JR

CONTRACTOR'S SEAL

Chg 08
Contractor
Plumbing
May Same
Work

Counter Form
PLEASE PRINT

PLUMBING

FIRE

Contractor: MASTERS ROSARIO M. AIV
Address: 33 MONMOUTH AVE.
MIDDLETOWN N.J. 07748
Phone #: 732-495-6611
Lis #: 9912
Federal Emp # or SSN: [REDACTED]

Contractor: _____
Address: _____
Phone #: _____
Lis #: _____
Federal Emp # or SSN: _____

Technical Data

Fixtures	Quantity
Water Closets	4
Urinals/Bidets	0
Bath Tub	3
Lavatory	6
Shower	1
Floor Drain	2
Sink	4
Dishwasher	1
Drinking Fountain	0
Washing Machine	1
Hose Bib	4
Gas Piping	1
Fuel Oil Piping	0
Water Heater	1
Steam Boiler	0
Hot Water Boiler	0
Sewer Pump	1
Interceptor/Separator	0
Backflow Preventer	0
Creasetrap	0
Water Cooled A/C or Refrig. Unit	0
Septic Tank Closure	0
Sewer Service Connection	4"
Water Service Connection	1"
Active Solar System	0
Auxiliary Meter	1
Sprinkler Heads	0
Sump Pump	1
Other:	

Estimated Cost of Plumbing Work: 20,000

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature: [Signature]
Please Print Name: ROSARIO M. AIV

CONTRACTOR'S SEAL

Technical Data
Description of Work:

Heating Type: Gas Oil Electric Solar
Heating System is New Existing
Location of Furnace/Boiler: _____
Water Supply Source: _____
Method of Valve Supervision: _____
Local Alarm Supervision: _____
Central Supervision: _____
Proprietary Supervision: _____

Flammable Storage Tanks: _____ capacity _____ fuel
Combustible Storage Tanks: _____ capacity _____ fuel
LPG Storage Tanks: _____ capacity _____ fuel

Item	Quantity
Wet Sprinkler Heads	_____
Dry Sprinkler Heads	_____
Total	_____
Smoke Detectors	_____
Heat Detectors	_____
Total	_____

Stand Pipes: _____
Kitchen Hood Exhaust System: _____

Pre-Engineered Systems:
CO2 Suppression: _____
Halon Suppression: _____
Foam Suppression: _____
Dry Chemical: _____
Wet Chemical: _____

Gas/ Oil Fired Appliances:
Number of gas/oil fired appliances: _____

Furnace: _____
Gas/Wood Fireplace: _____
Gas Logs: _____
Wood Burning Stove: _____
Other: _____

Estimated Cost of Fire Work: _____

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature: _____
Print Name: _____

Township of Brick
Counter Form
(PLEASE PRINT)

Site Location: 618 Turkey Point Rd.
Block: 1385.08 Lot: 5
Owner's Name: Steve & Rebecca Hasse
Owner's Mailing Address: SAME
Phone: ([REDACTED])

BUILDING

Contractor: [REDACTED]
Address: _____
Phone#: _____
Lis #: _____
Federal Emp # or SSN: _____

Technical Data
Description of Work: _____

Type of Work

☐ New Building ☐ Siding
☐ Addition ☐ Fence
☐ Alteration ☐ Pool
☐ Roofing ☐ Demolition
☐ Asbestos Abatement ☐ Sign _____ sq ft

Building Characteristics

Use Group Present: _____ Proposed: _____
No of Stories: _____
Height of Structure: _____
Area of the largest floor: _____
Area of New Building: _____
Volume of Structure: _____
Total Land Disturbed: _____
Cost of Alteration: _____
Cost of New Building: _____
Total Cost of Building Work: _____

I hereby certify that I am the agent/owner of record and am authorized to make this application and perform the work listed on this application.

Signature: _____
Please Print Name: _____

ELECTRICAL

Contractor: _____
Address: _____
Phone#: _____
Lis #: _____
Federal Emp # or SSN: _____

Technical Data
Item Quantity

Lighting Fixtures _____
Receptacles _____
Switches _____
Detectors _____
Light Poles _____
Motors w/ Fract. HP _____
Emergency & Exit Lights _____
Communication Points _____
Alarm Devices/FAC Panel _____
Total _____

Pool _____
Spa/Hot Tub/Storable Pool _____ KV
Electric Range _____ KW
Oven/Surface Unit _____ KW
Electric Water Heater _____ KW
Electric Dryer _____ KV
Dishwasher _____ H
Garbage Disposal _____ KV
A/C Unit - Central Air _____ KV
Space Heater/Air Handler _____ KV
Baseboard Heating _____ KV
Motors 1+ HP _____ KV
Transformer/Generator _____ AM
Light Stand _____ AM
Service _____ AM
Subpanel _____ AM
Motor Control Center _____ KV
Sign/Outline Light _____
Furnace _____
Steam Boiler _____
Other: _____

Estimated Cost of Electrical Work: _____

I hereby certify that I am the agent/owner of record and authorized to make this application and perform the work listed on this application.

Signature: _____
Please Print Name: _____

CONTRACTOR'S SEAL

Applicable to Ordinance 728-92
This form must be handed in with permit application or a permit will not be issued.

TOWNSHIP OF BRICK

618 Turkey Point Rd 1385.08 5
Work Site Address Block Lot

Stephen J. Husse 816 Ocean Rd Pt. Pleasant
Owner's Name, Address, Phone

Stephen J. Husse 816 Ocean Rd Pt. Pleasant
Contractor's Name, Address, Phone

Construction New Single Family Home
Describe type (Single-family home, etc.)

Demolition
Describe type (Structure, roof, siding, etc.)

Describe type and estimated quantity of material Wood, roofing, insulation
Sheetrock construction debris - One 30yd. Dumpster

Name, address and phone of party responsible for removal of debris:
Waste Management, 1301 Rte 37 W Toms River 800-348-6161

Size of dumpster: 30yd

Destination of discarded debris:

Hauler's DEP Permit No.: #17273

**Note: Any recyclable material, including, but not limited to: corrugated cardboard, vegetative waste, concrete, asphalt, clean wood, etc., must be delivered to an approved recycling center, and receipts provided to the Township of Brick along with tipping receipts for non-recyclable material.

Generator's Certification: Under penalty of criminal and civil prosecution, for the making or submission of false statements, representations, or omissions, I declare, on behalf of the generator that the contents of this document are fully and accurately described above and have been disposed or recycled in accordance with all applicable State and Federal laws and regulations, and that I have been authorized, in writing, to make such declarations by the person in charge of the generator's operation.

Stephen J. Husse
Printed/Typed Name Signature Date 7/17/01

FOR OFFICE USE ONLY

MUST BE COMPLETED BEFORE CERTIFICATE OF OCCUPANCY OR CERTIFICATION OF APPROVAL IS ISSUED

Recycling tonnage receipts attached?

Certified tipping receipts attached?

**Note: Receipts must show certified weights, date of disposal and name and address of disposal center.

- DISTRIBUTION LIST:
1. Original to Code Enforcement Officer
 2. Construction Code Office
 3. Applicant